

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116605.D
 Acq On : 28 Aug 2019 9:27
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 11:32:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 11:25:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	109789	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	495955	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	262539	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	447979	20.00	ng	0.00
76) Chrysene-d12	14.01	240	193103	20.00	ng	0.00
87) Perylene-d12	15.47	264	160018	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	111334	14.82	ng	0.00
7) Phenol-d6	6.48	99	214164	23.25	ng	-0.01
23) Nitrobenzene-d5	7.42	82	180760	19.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	54580	24.21	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	401238	24.61	ng	0.00
79) Terphenyl-d14	12.96	244	266186	25.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	27461	8.441	ng	99
3) Pyridine	3.40	79	47965	4.841	ng	99
4) n-Nitrosodimethylamine	3.31	42	15072	4.167	ng	# 94
6) Aniline	6.52	93	142430	11.419	ng	99
8) 2-Chlorophenol	6.65	128	77813	9.868	ng	99
9) Benzaldehyde	6.41	77	76231	12.384	ng	96
10) Phenol	6.49	94	109117	10.907	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	80580	10.578	ng	98
12) 1,3-Dichlorobenzene	6.81	146	96451	11.301	ng	98
13) 1,4-Dichlorobenzene	6.88	146	96390	11.735	ng	98
14) 1,2-Dichlorobenzene	7.04	146	104984	13.548	ng	98
15) Benzyl Alcohol	7.00	79	73725	9.888	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	117626	11.168	ng	99
17) 2-Methylphenol	7.11	107	79075	12.104	ng	97
18) Hexachloroethane	7.38	117	35374	11.042	ng	88
19) n-Nitroso-di-n-propylamine	7.27	70	62775	9.985	ng	99
20) 3+4-Methylphenols	7.26	107	92166	11.516	ng	# 82
22) Acetophenone	7.27	105	130227	10.501	ng	# 96
24) Nitrobenzene	7.44	77	90128	9.600	ng	97
25) Isophorone	7.67	82	175053	9.799	ng	98
26) 2-Nitrophenol	7.76	139	38322	11.175	ng	96
27) 2,4-Dimethylphenol	7.79	122	73434	10.263	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	118790	10.768	ng	99
29) 2,4-Dichlorophenol	8.00	162	78954	11.603	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	92092	12.022	ng	100
31) Naphthalene	8.17	128	280664	11.698	ng	100
32) Benzoic acid	7.86	122	55587	12.152	ng	96
33) 4-Chloroaniline	8.21	127	123019	11.680	ng	99
34) Hexachlorobutadiene	8.29	225	51415	12.307	ng	98
35) Caprolactam	8.54	113	24090	10.164	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	78482	10.222	ng	97
37) 2-Methylnaphthalene	8.86	142	159401	9.676	ng	96
38) 1-Methylnaphthalene	8.96	142	174280	11.326	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	84650	11.984	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116605.D
 Acq On : 28 Aug 2019 9:27
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 11:32:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 11:25:35 2019
 Response via : Initial Calibration

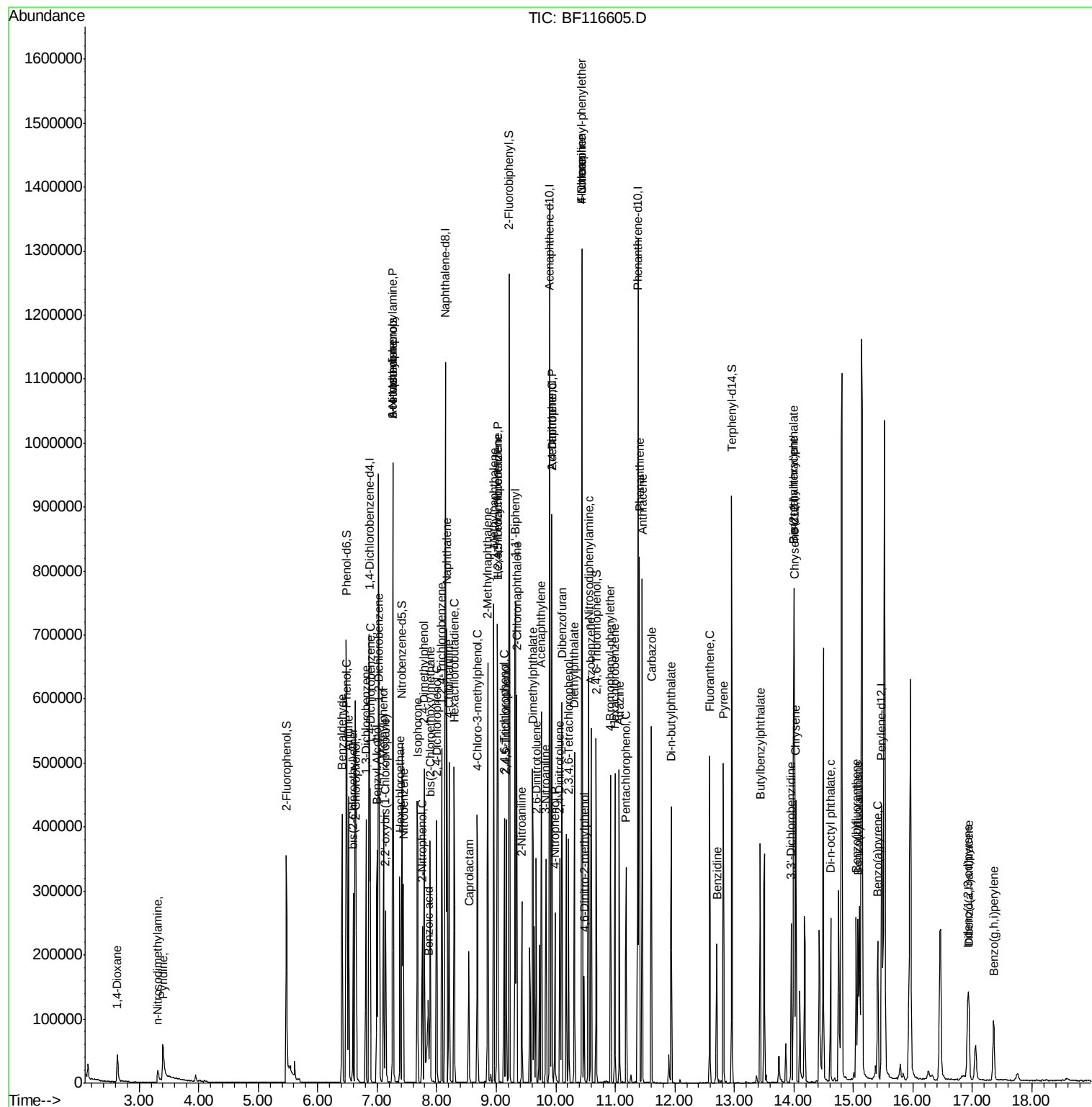
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	45751	12.039	nq	95
43) 2,4,6-Trichlorophenol	9.13	196	56227	11.374	nq	93
44) 2,4,5-Trichlorophenol	9.17	196	56951	11.322	nq	97
46) 1,1'-Biphenyl	9.32	154	229793	10.948	nq	98
47) 2-Chloronaphthalene	9.35	162	171144	10.517	nq	97
48) 2-Nitroaniline	9.43	65	44632	8.958	nq	87
49) Acenaphthylene	9.76	152	230130	9.666	nq	99
50) Dimethylphthalate	9.61	163	180245	9.840	nq	100
51) 2,6-Dinitrotoluene	9.67	165	38071	10.154	nq	# 83
52) Acenaphthene	9.93	154	180775	11.833	nq	98
53) 3-Nitroaniline	9.84	138	50713	11.347	nq	96
54) 2,4-Dinitrophenol	9.94	184	17090	14.497	nq	# 22
55) Dibenzofuran	10.10	168	233608	10.970	nq	97
56) 4-Nitrophenol	9.99	139	37783	10.877	nq	98
57) 2,4-Dinitrotoluene	10.07	165	53084	11.127	nq	91
58) Fluorene	10.45	166	181267	10.956	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	40726	9.861	nq	98
60) Diethylphthalate	10.32	149	194144	10.784	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	89266	11.059	nq	98
62) 4-Nitroaniline	10.44	138	46124	10.552	nq	97
63) Azobenzene	10.59	77	201079	10.863	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	18942	11.574	nq	85
66) n-Nitrosodiphenylamine	10.55	169	153757	10.600	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	48853	10.402	nq	94
68) Hexachlorobenzene	10.99	284	55060	10.600	nq	98
69) Atrazine	11.07	200	49969	11.497	nq	97
70) Pentachlorophenol	11.18	266	34126	11.260	nq	99
71) Phenanthrene	11.40	178	291144	11.930	nq	99
72) Anthracene	11.45	178	284307	11.594	nq	99
73) Carbazole	11.60	167	210221	9.550	nq	98
74) Di-n-butylphthalate	11.94	149	194029	7.113	nq	99
75) Fluoranthene	12.59	202	177991	7.055	nq	99
77) Benzidine	12.70	184	79885	10.282	nq	99
78) Pyrene	12.82	202	183287	11.869	nq	99
80) Butylbenzylphthalate	13.43	149	73024	10.949	nq	98
81) Benzo(a)anthracene	14.00	228	147668	11.807	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	48037	10.778	nq	97
83) Chrysene	14.03	228	145712	11.495	nq	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	87195	9.805	nq	# 99
85) Di-n-octyl phthalate	14.62	149	124273	8.231	nq	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	92298	8.500	nq	98
88) Benzo(b)fluoranthene	15.04	252	113043	11.436	nq	99
89) Benzo(k)fluoranthene	15.07	252	106975	11.945	nq	99
90) Benzo(a)pyrene	15.41	252	98810	11.310	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	75815	10.561	nq	98
92) Benzo(g,h,i)perylene	17.36	276	72348	10.571	nq	97

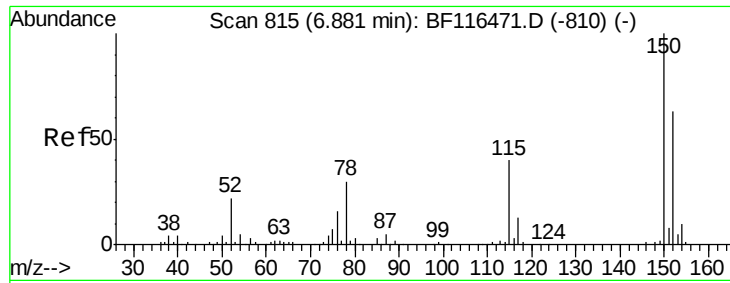
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116605.D
 Acq On : 28 Aug 2019 9:27
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :

Quant Time: Aug 28 11:32:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 11:25:35 2019
 Response via : Initial Calibration



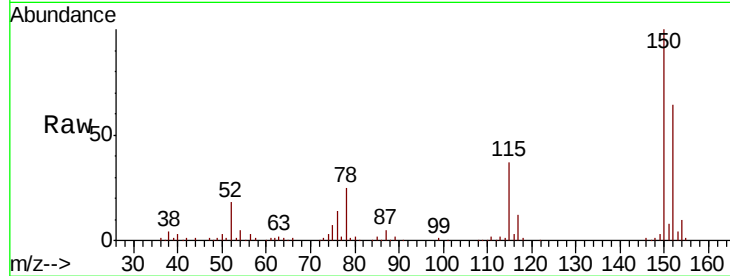


#1

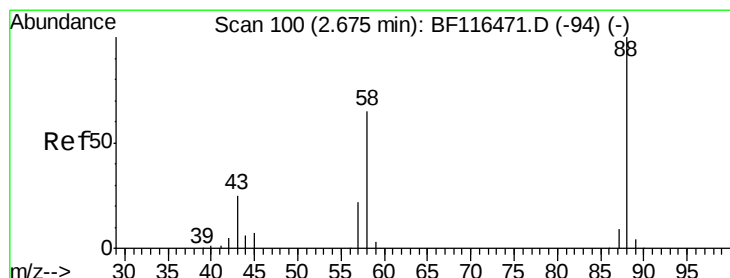
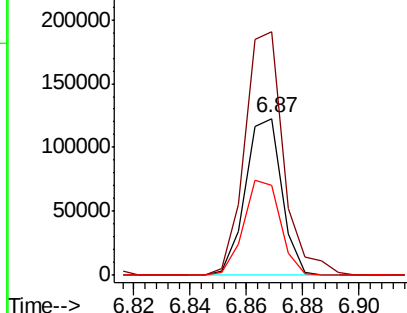
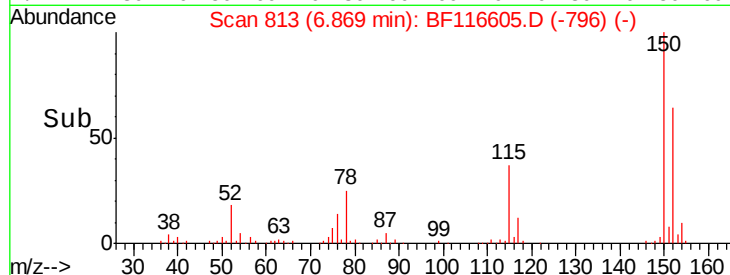
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 109789
Ion Ratio Lower Upper
152 100
150 155.2 123.4 185.2
115 57.4 48.2 72.2



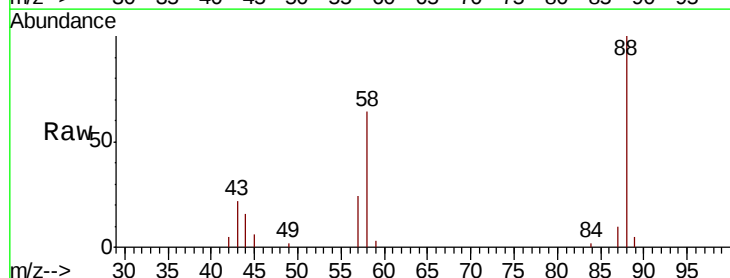
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



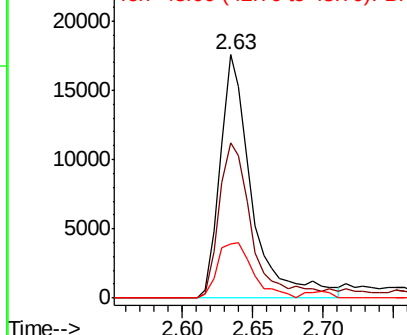
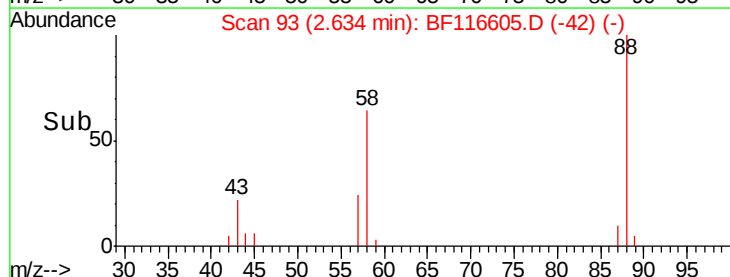
#2

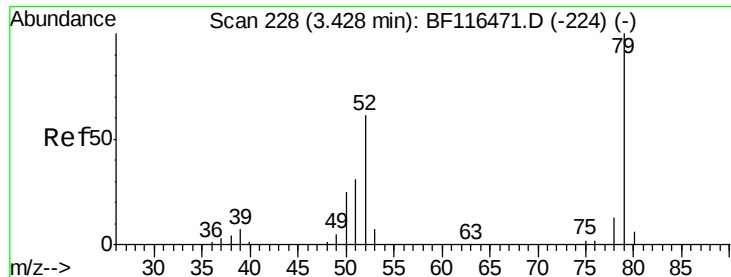
1,4-Dioxane
Concen: 8.441 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.00 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion: 88 Resp: 27461
Ion Ratio Lower Upper
88 100
58 65.6 51.8 77.8
43 25.6 20.2 30.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

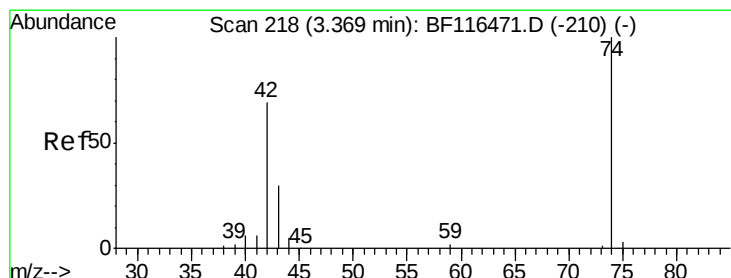
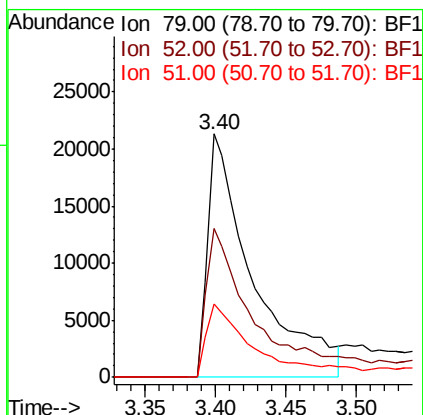
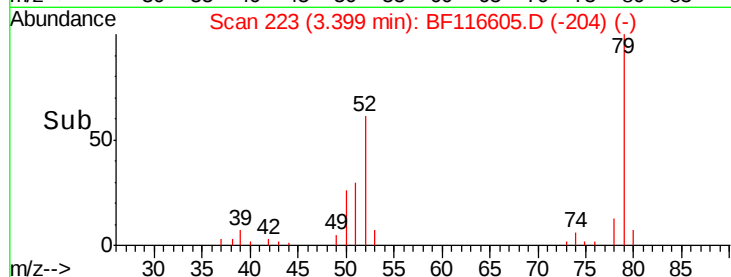
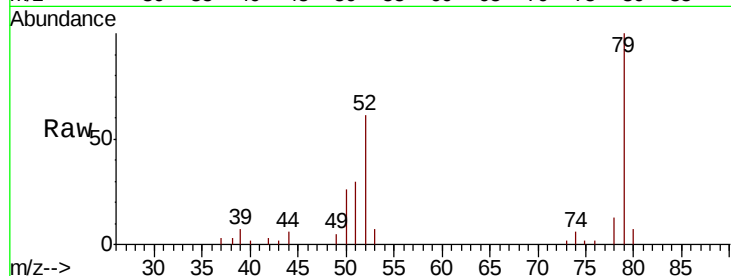




#3
 Pvridine
 Concen: 4.841 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

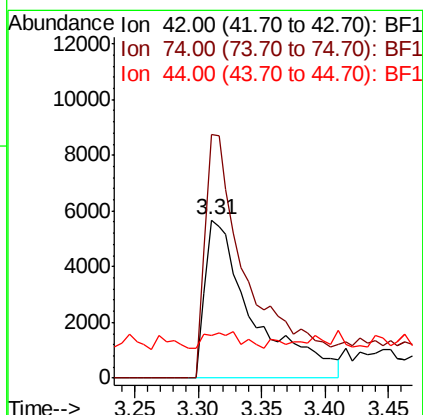
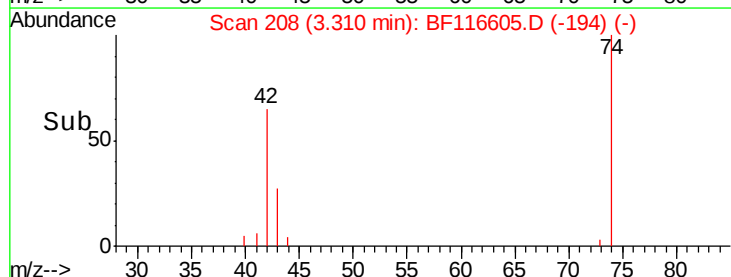
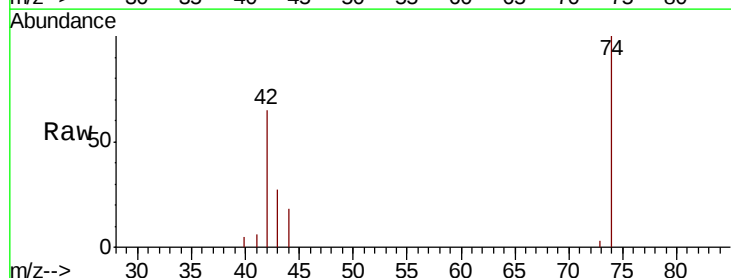
Instrument :
 BNA_F
 ClientSampled :

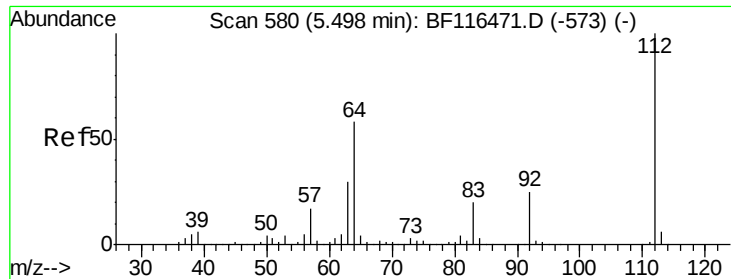
Tot Ion: 79 Resp: 47965
 Ion Ratio Lower Upper
 79 100
 52 60.9 47.9 71.9
 51 30.2 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 4.167 ng
 RT: 3.31 min Scan# 208
 Delta R.T. -0.02 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion: 42 Resp: 15072
 Ion Ratio Lower Upper
 42 100
 74 153.9 120.0 180.0
 44 27.3 5.4 8.2#





#5

2-Fluorophenol

Concen: 14.817 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF116605.D

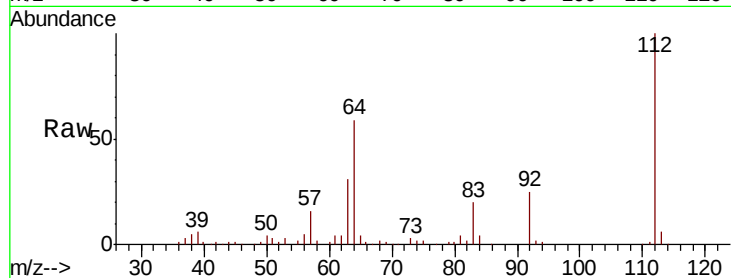
Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

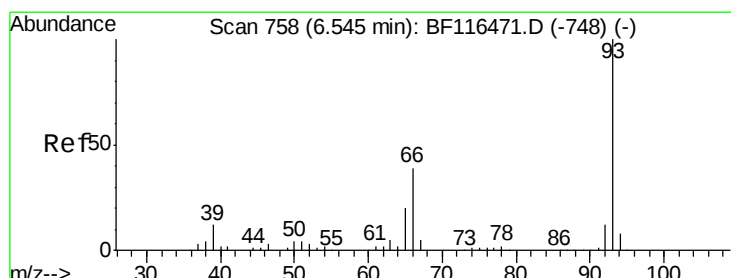
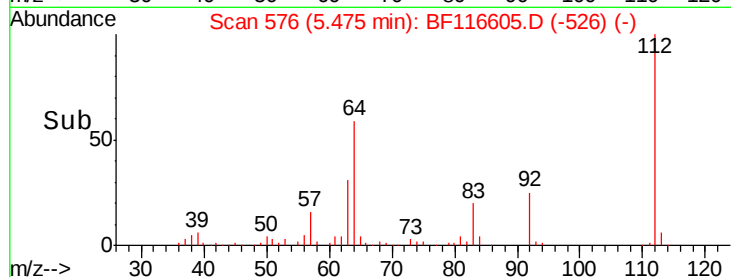
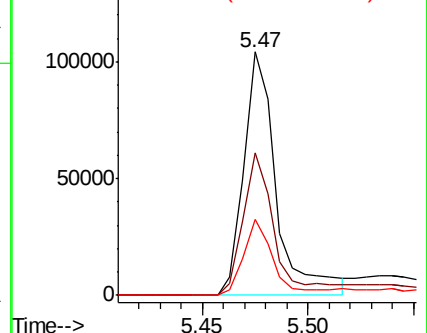
Tot Ion:	112	Resp:	111334
Ion	Ratio	Lower	Upper
112	100		
64	58.7	48.0	72.0
63	31.0	24.6	36.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.419 ng

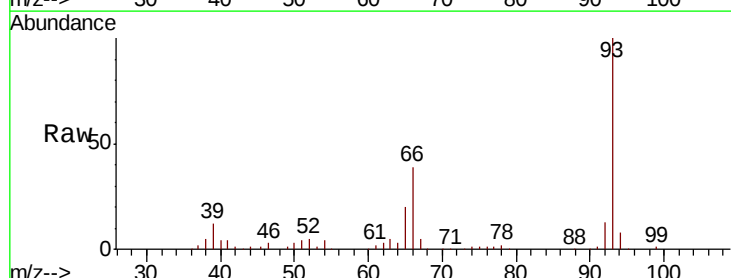
RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

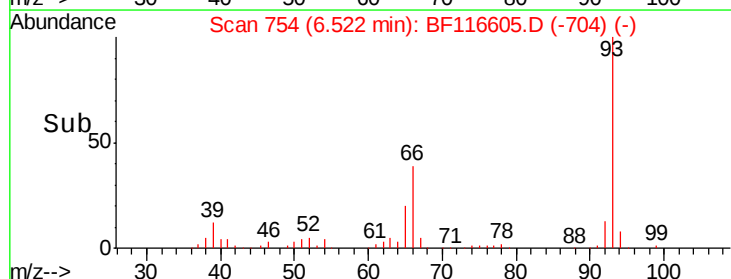
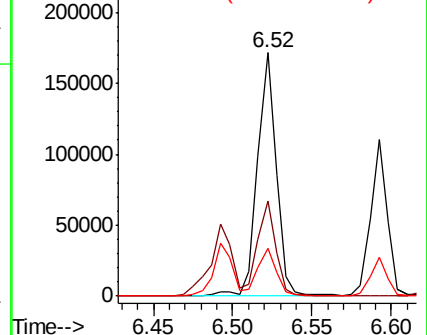
Tgt Ion:	93	Resp:	142430
Ion	Ratio	Lower	Upper
93	100		
66	39.1	32.1	48.1
65	19.7	16.2	24.4

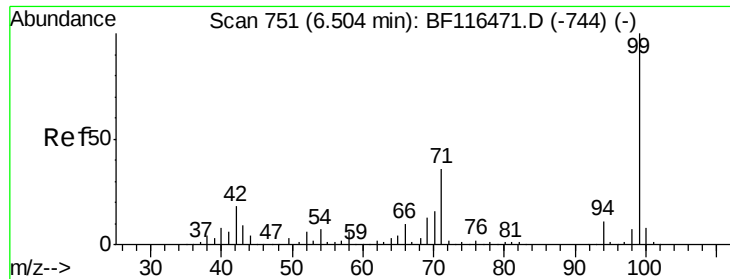


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 23.245 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

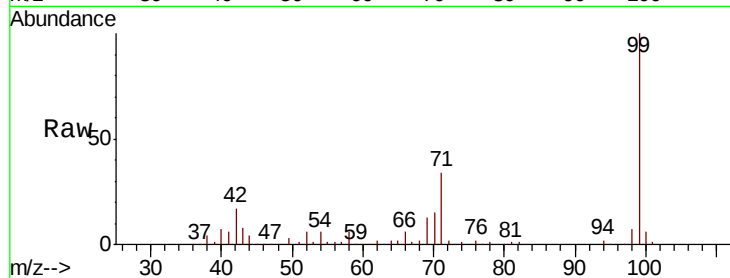
Tot Ion: 99 Resp: 214164

Ion Ratio Lower Upper

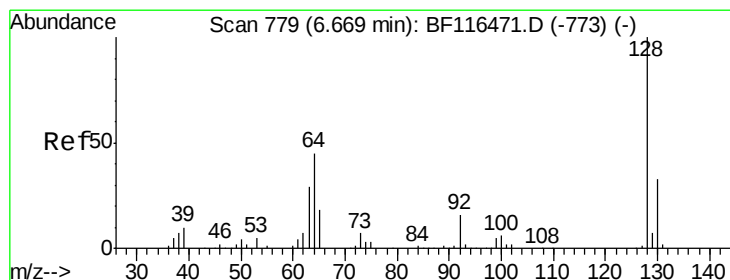
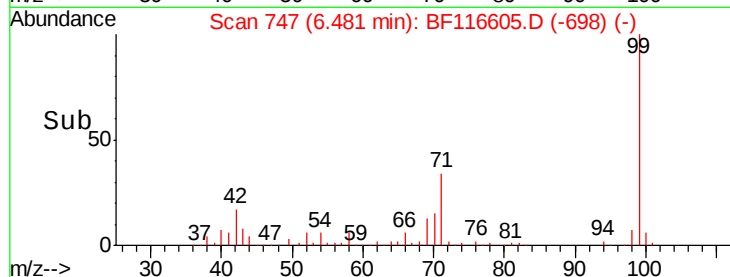
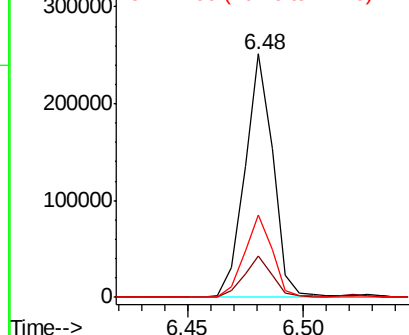
99 100

42 16.8 13.2 19.8

71 33.7 27.4 41.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 9.868 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

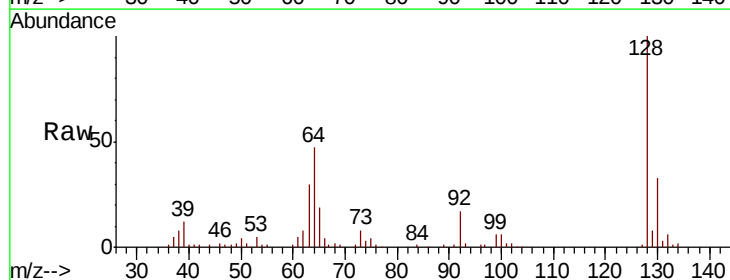
Tgt Ion: 128 Resp: 77813

Ion Ratio Lower Upper

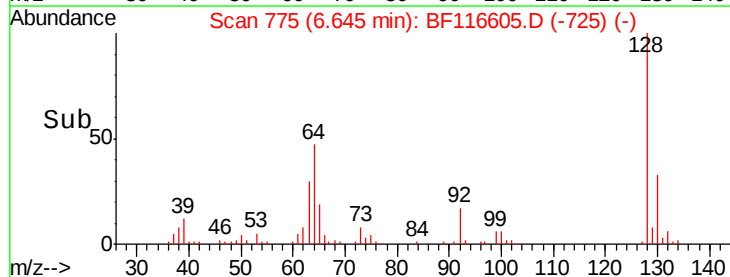
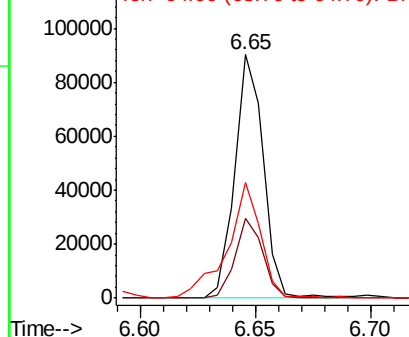
128 100

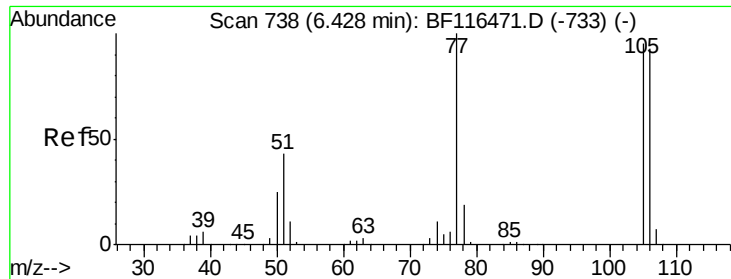
130 32.5 11.8 51.8

64 47.4 26.9 66.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.384 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

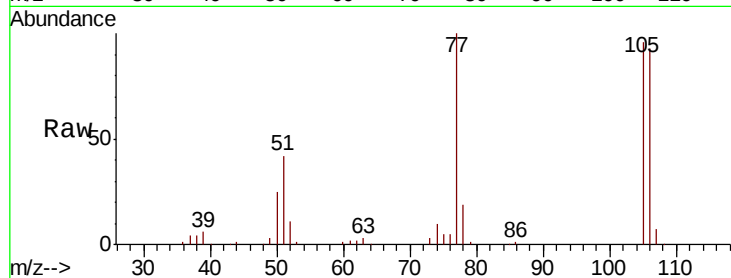
Tot Ion: 77 Resp: 76231

Ion Ratio Lower Upper

77 100

105 96.3 81.6 121.6

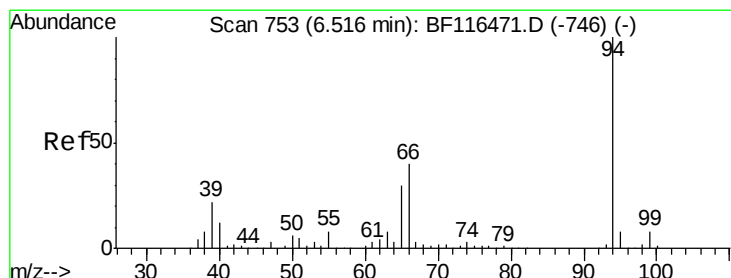
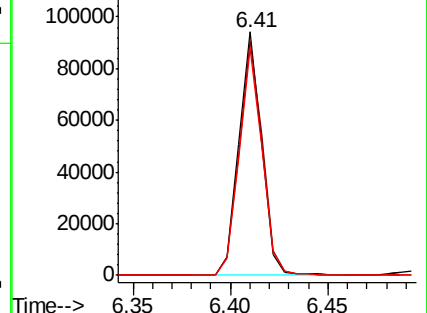
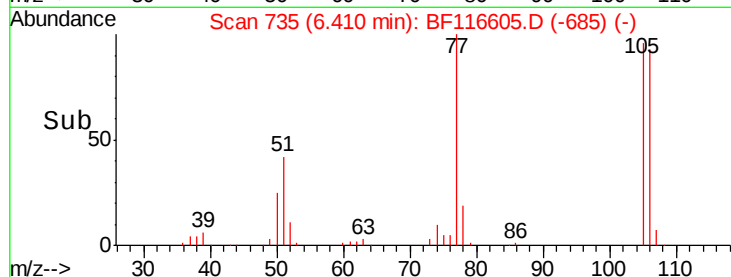
106 93.5 77.1 117.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 10.907 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

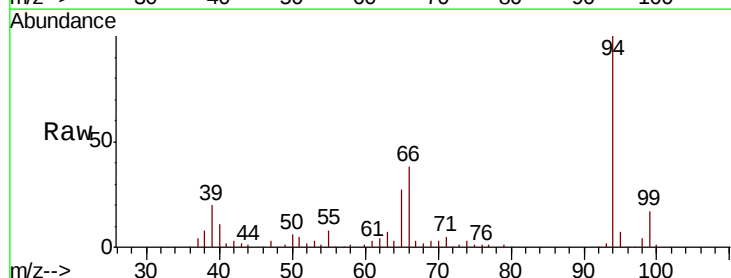
Tgt Ion: 94 Resp: 109117

Ion Ratio Lower Upper

94 100

65 27.4 8.6 48.6

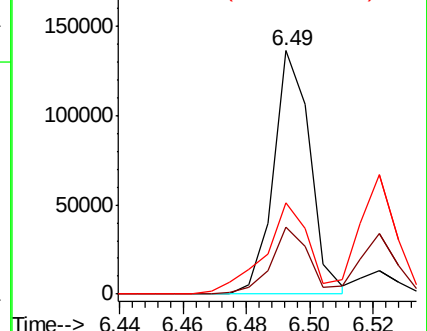
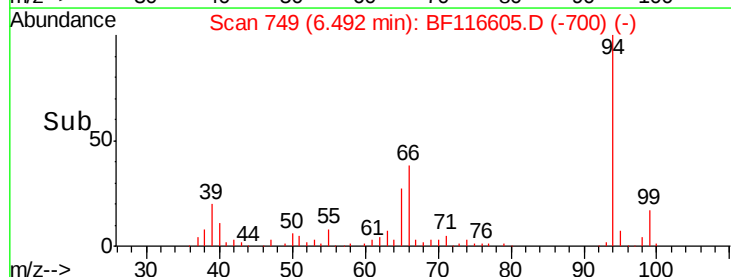
66 37.6 18.0 58.0

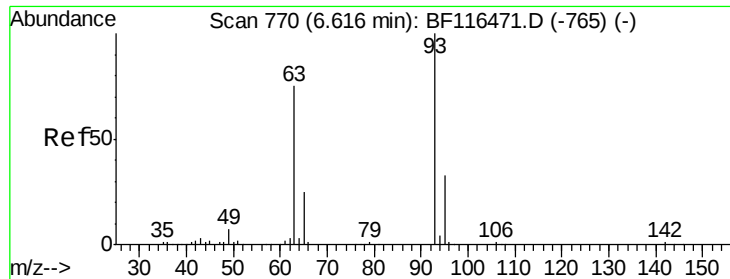


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 10.578 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampled :

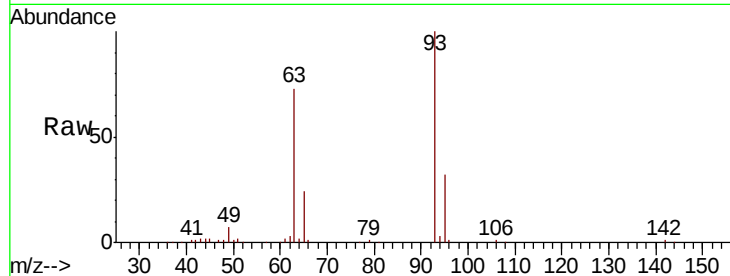
Tot Ion: 93 Resp: 80580

Ion Ratio Lower Upper

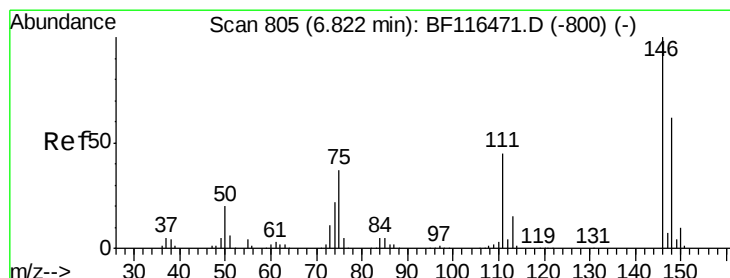
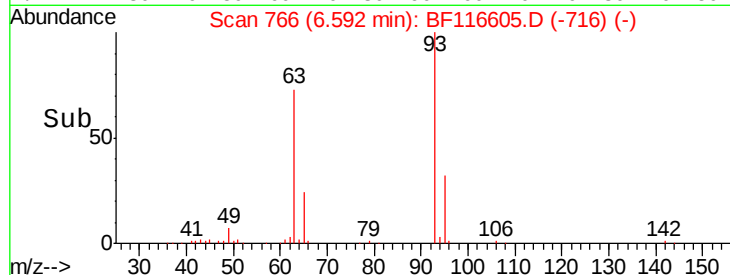
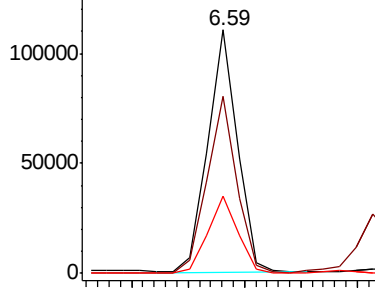
93 100

63 72.9 54.7 94.7

95 31.8 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1
150000 Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 11.301 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

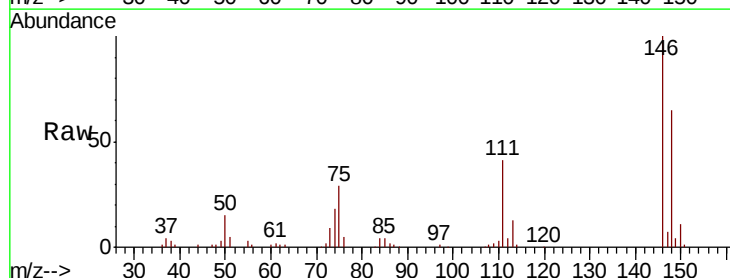
Tgt Ion: 146 Resp: 96451

Ion Ratio Lower Upper

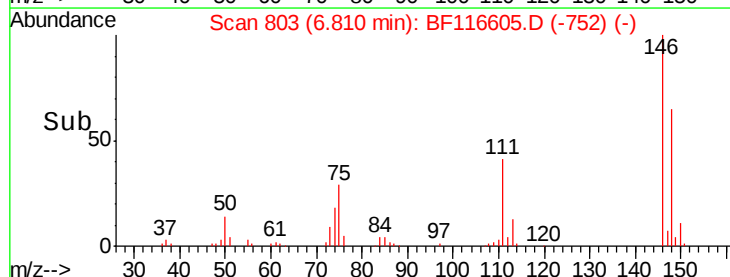
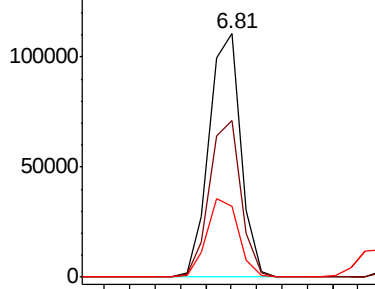
146 100

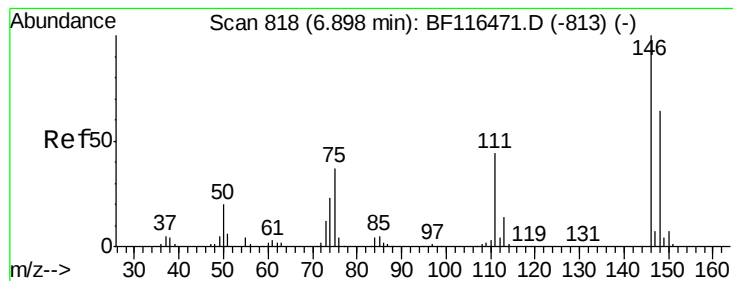
148 64.5 51.0 76.6

75 29.1 25.1 37.7



Abundance Ion 146.00 (145.70 to 146.70): E
150000 Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 11.735 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampled :

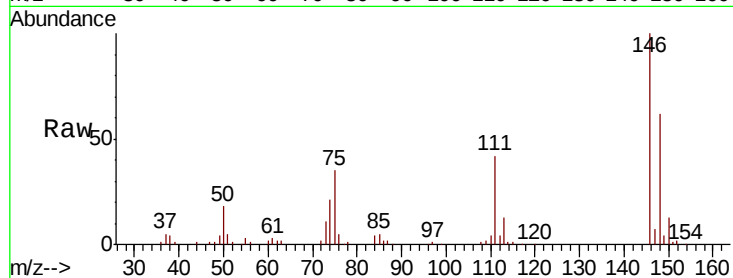
Tot Ion:146 Resp: 96390

Ion Ratio Lower Upper

146 100

148 61.6 51.0 76.6

111 42.3 33.1 49.7

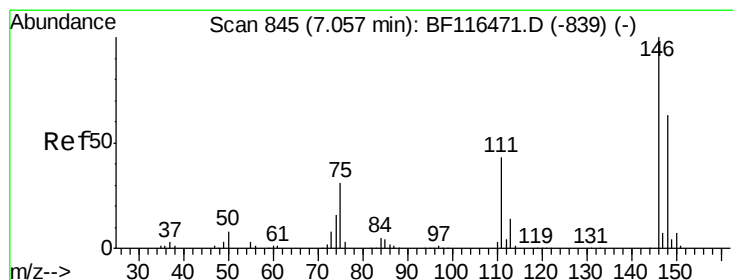
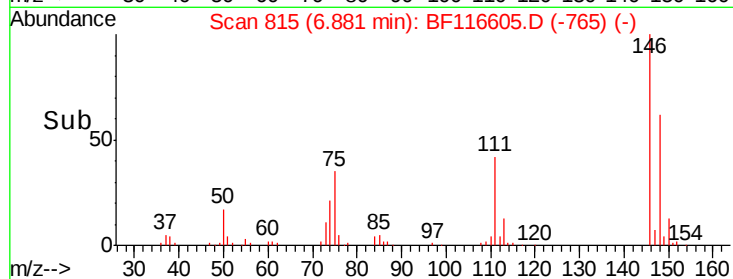
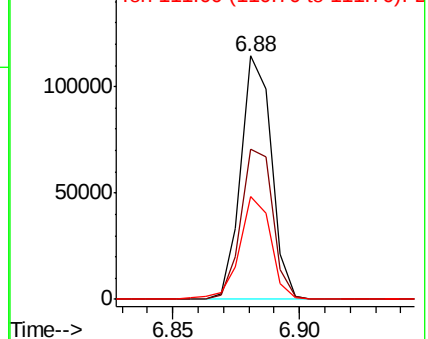


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 13.548 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

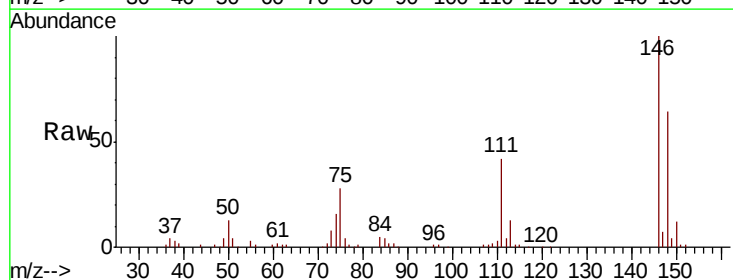
Tgt Ion:146 Resp: 104984

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

111 42.0 34.9 52.3

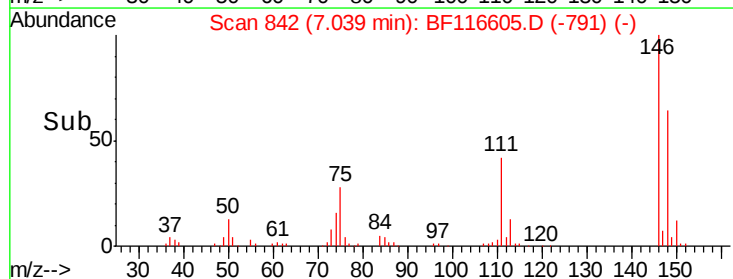
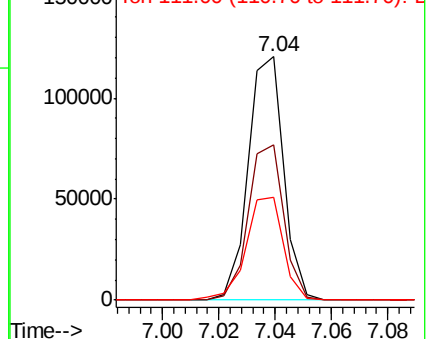


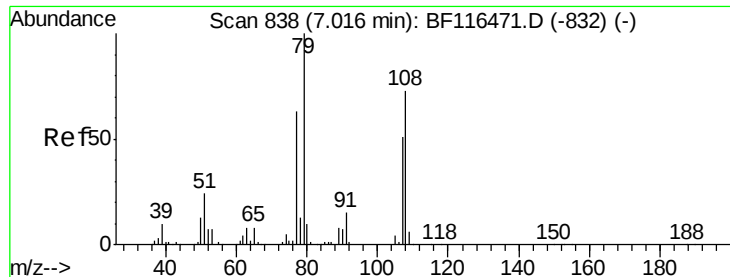
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.888 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampled :

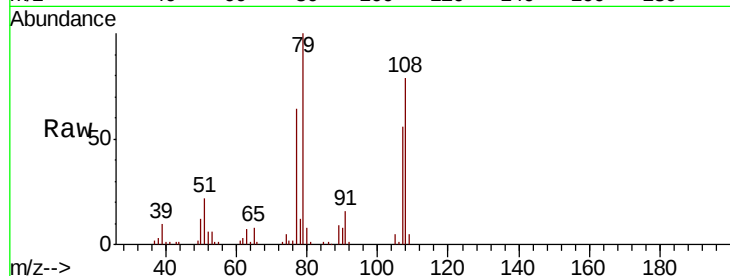
Tot Ion: 79 Resp: 73725

Ion Ratio Lower Upper

79 100

108 79.5 62.2 93.4

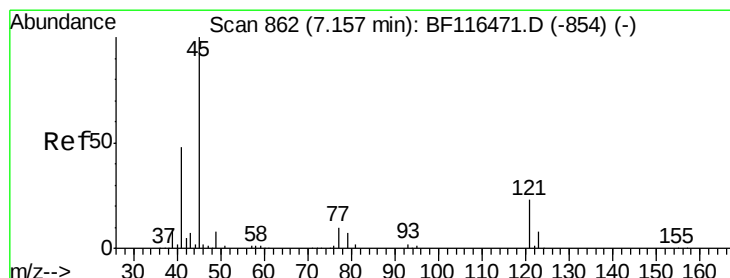
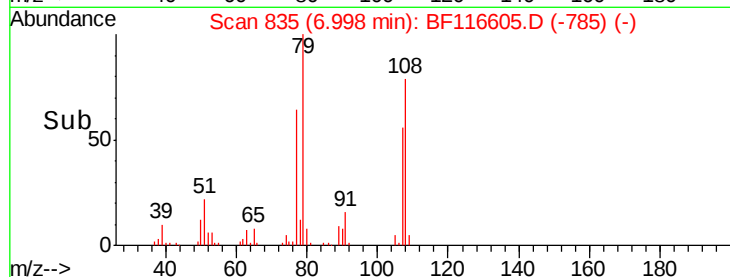
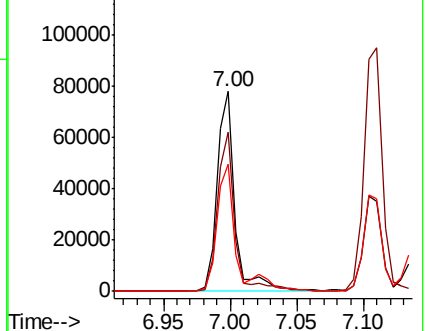
77 63.8 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 11.168 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

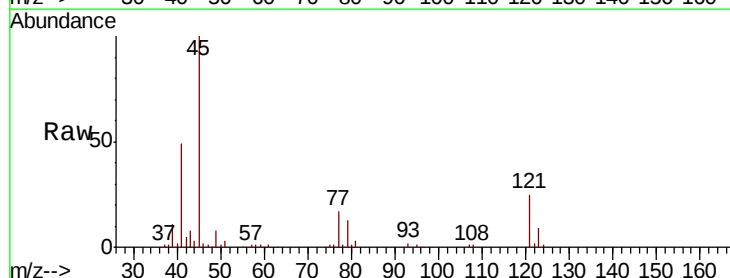
Tgt Ion: 45 Resp: 117626

Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.4

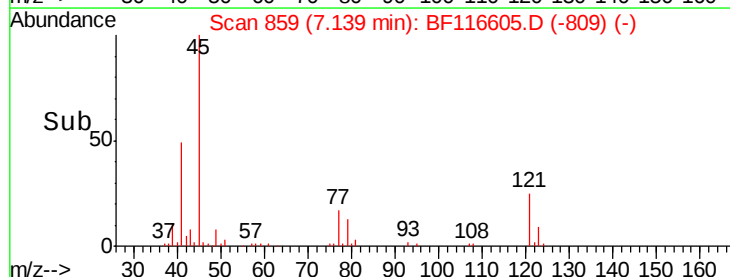
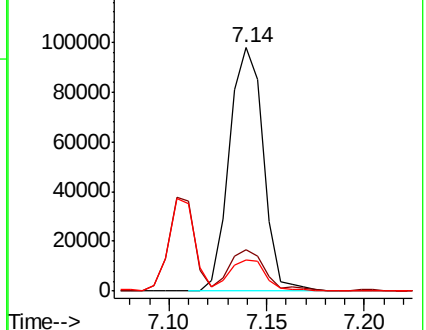
79 12.6 0.0 32.9

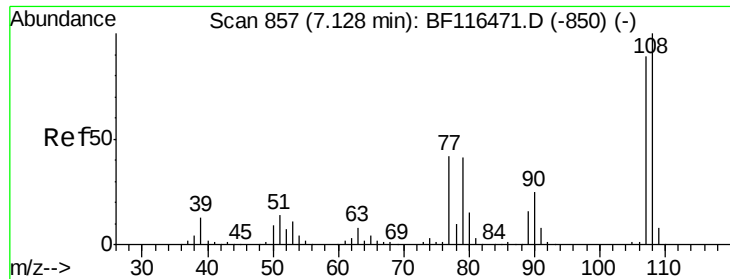


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

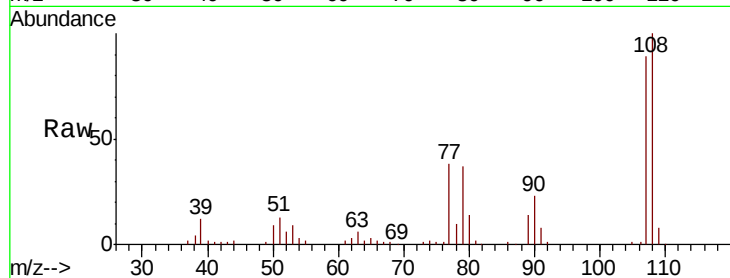




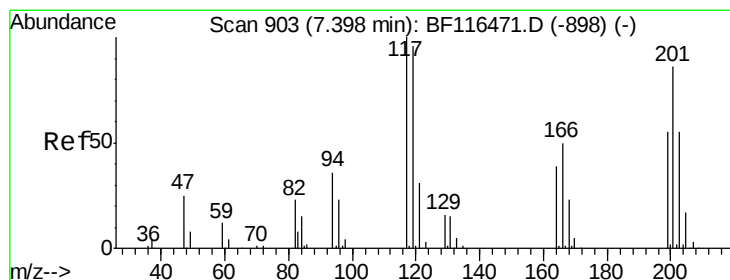
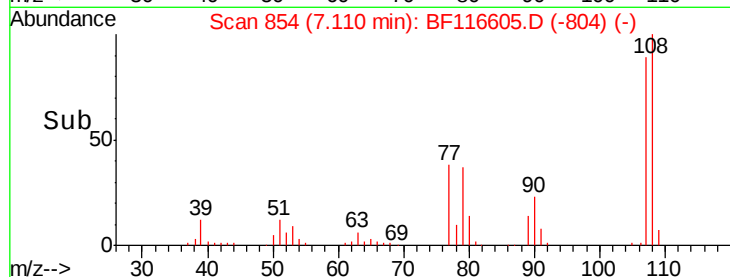
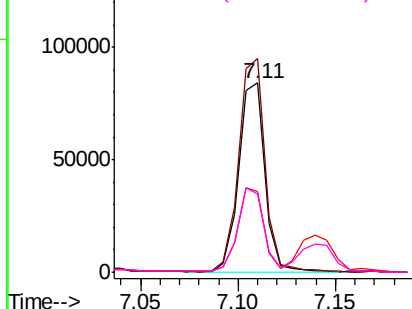
#17
2-Methylphenol
Concen: 12.104 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	79075
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.9	136.3
77	42.9	36.8	55.2
79	41.4	36.2	54.4

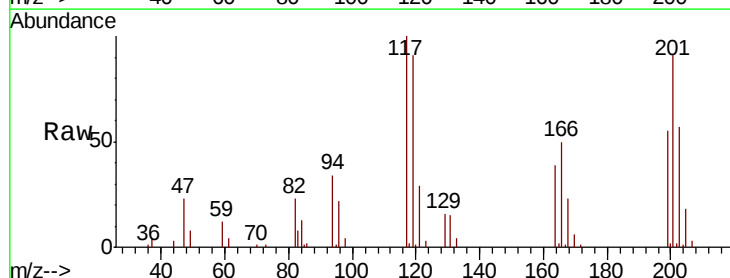


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

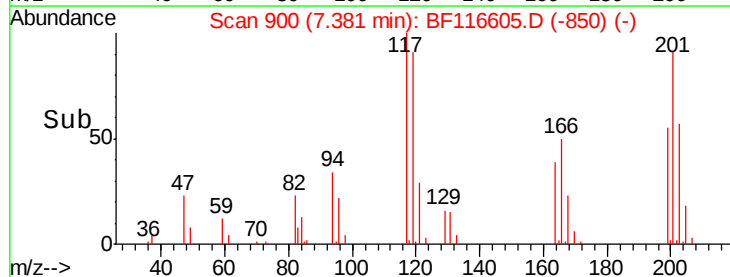
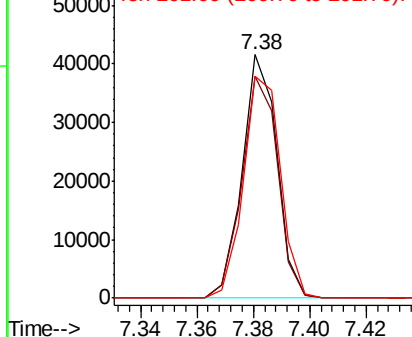


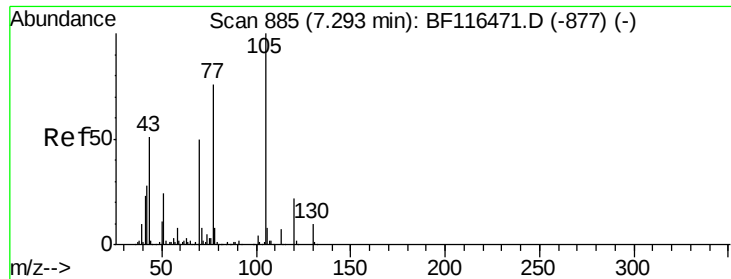
#18
Hexachloroethane
Concen: 11.042 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion:	117	Resp:	35374
Ion	Ratio	Lower	Upper
117	100		
119	91.3	78.6	118.0
201	90.9	86.2	129.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

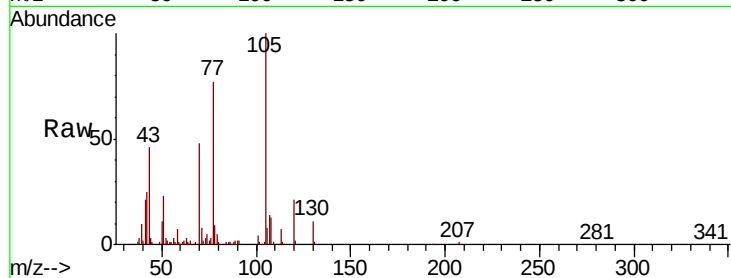




#19
n-Nitroso-di-n-propylamine
Concen: 9.985 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	62775
Ion	Ratio	Lower	Upper
70	100		
42	52.1	41.2	61.8
101	9.3	7.7	11.5
130	22.5	17.9	26.9



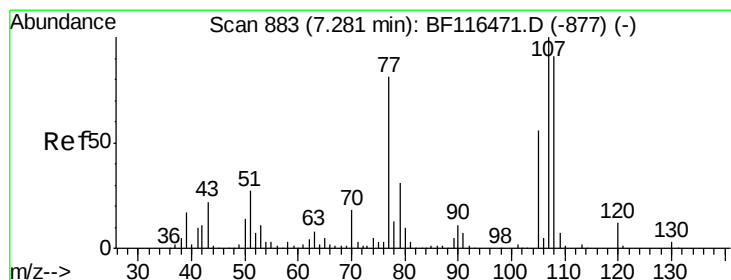
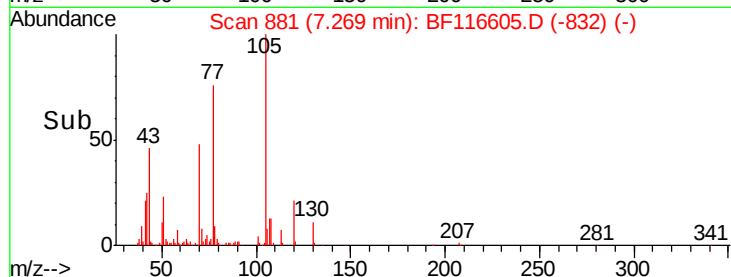
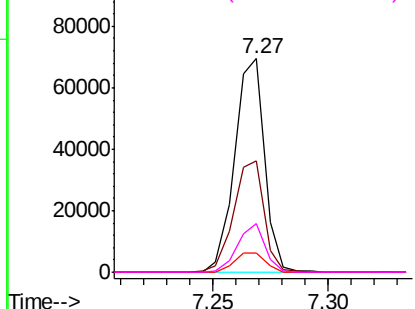
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

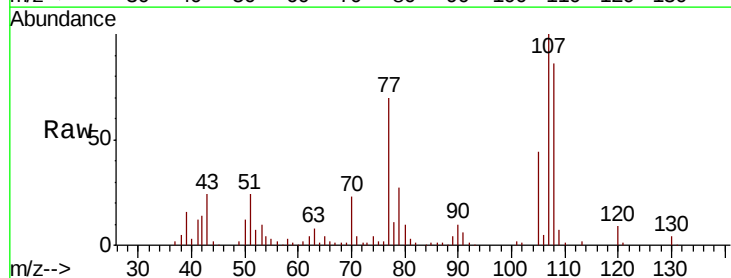
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 11.516 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion:	107	Resp:	92166
Ion	Ratio	Lower	Upper
107	100		
108	86.3	72.6	112.6
77	69.6	82.4	122.4#
79	27.3	10.6	50.6



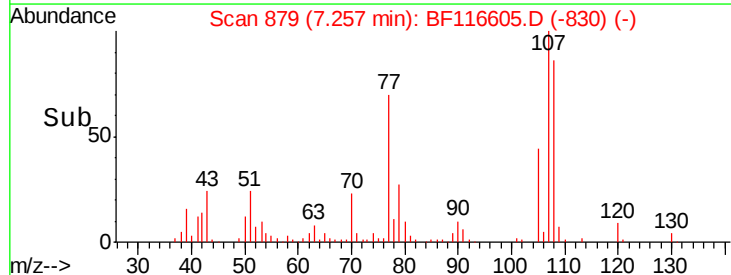
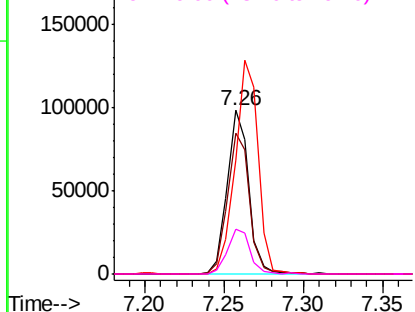
Abundance

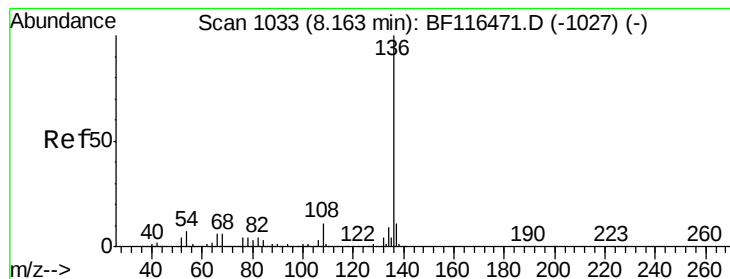
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 495955

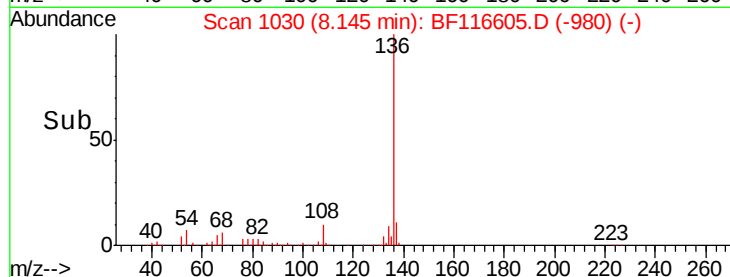
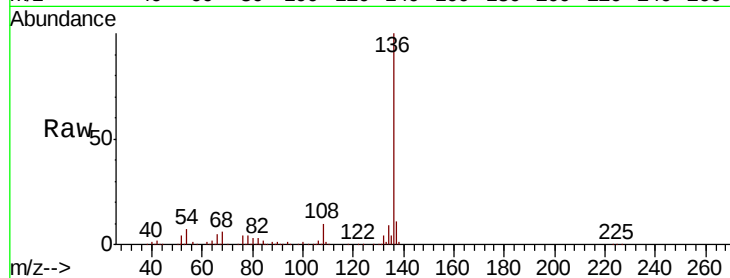
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.0 5.0 7.4

68 6.3 4.5 6.7



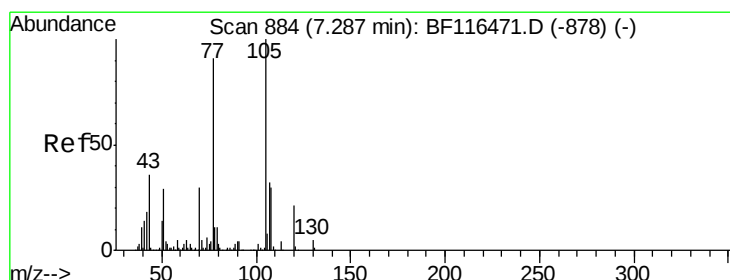
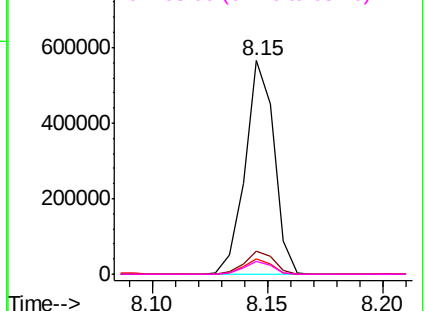
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 10.501 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Tgt Ion:105 Resp: 130227

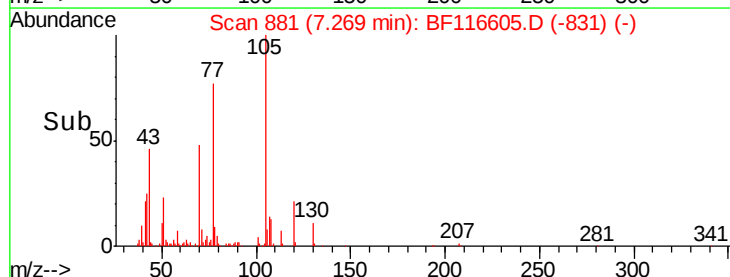
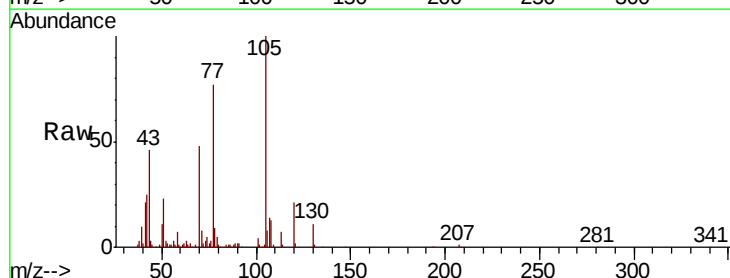
Ion Ratio Lower Upper

105 100

71 7.8 5.0 7.6#

51 23.1 20.7 31.1

120 21.4 17.9 26.9



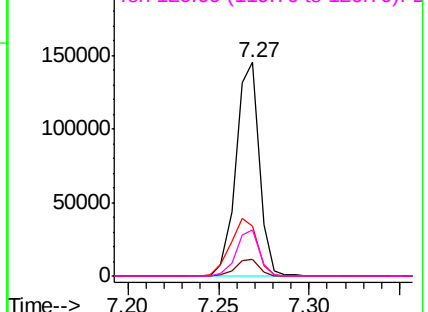
Abundance

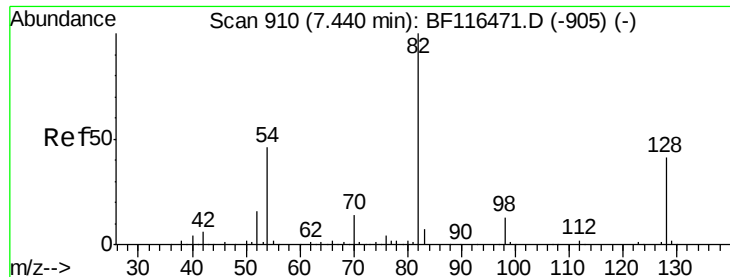
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

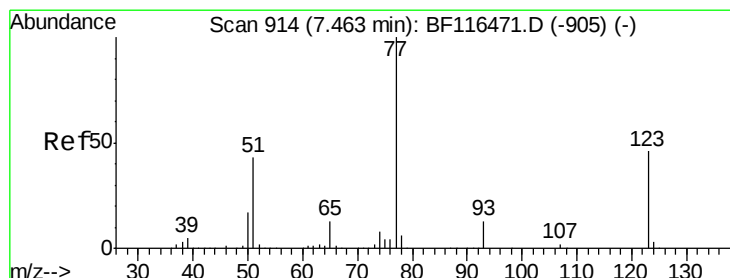
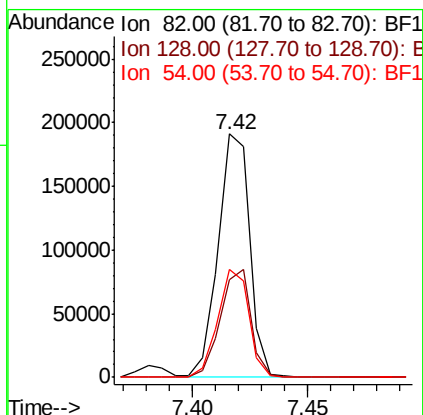
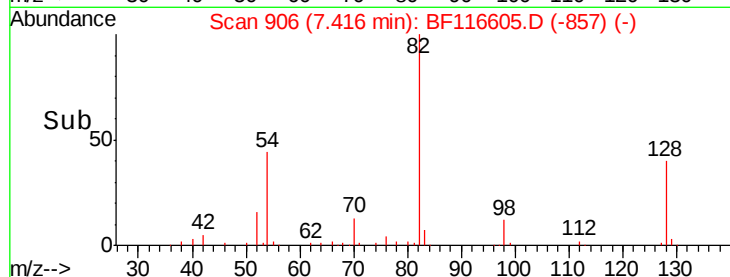
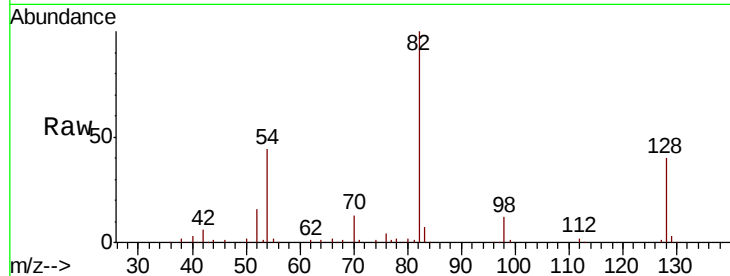




#23
 Nitrobenzene-d5
 Concen: 19.940 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

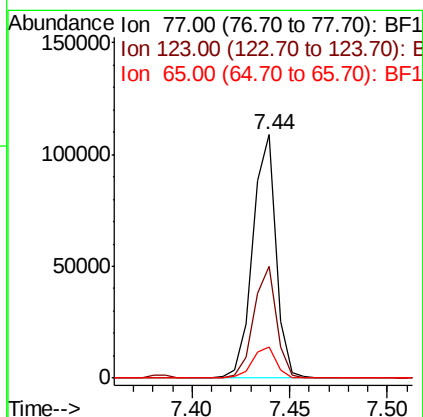
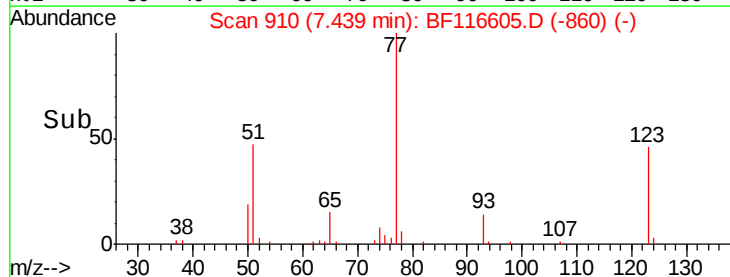
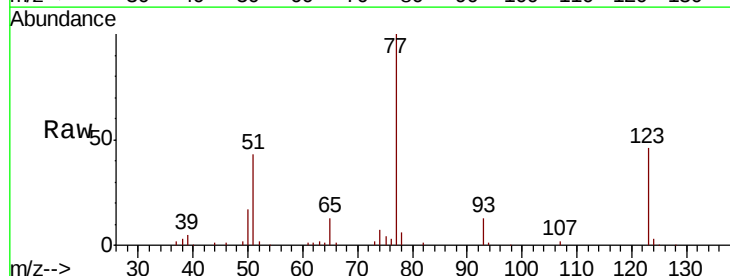
Instrument :
 BNA_F
 ClientSampleId :

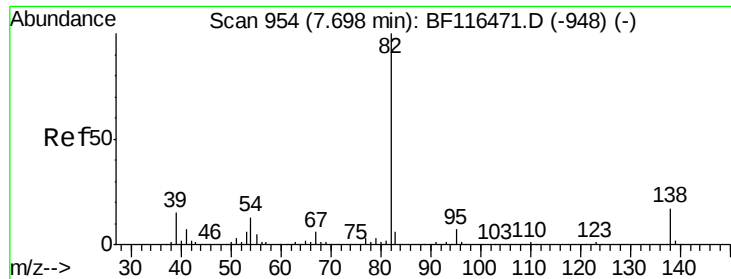
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	35.0	52.6
54	44.3	34.4	51.6



#24
 Nitrobenzene
 Concen: 9.600 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	38.2	57.4
65	12.8	11.0	16.6





#25

Isophorone

Concen: 9.799 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampled :

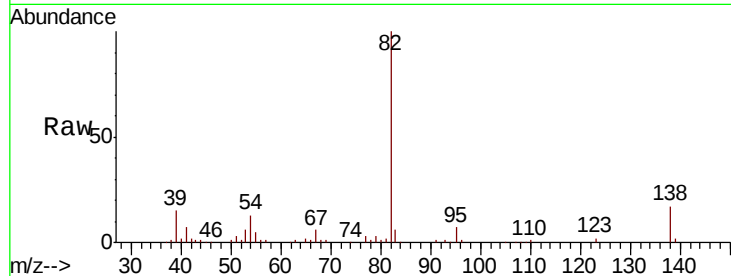
Tot Ion: 82 Resp: 175053

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

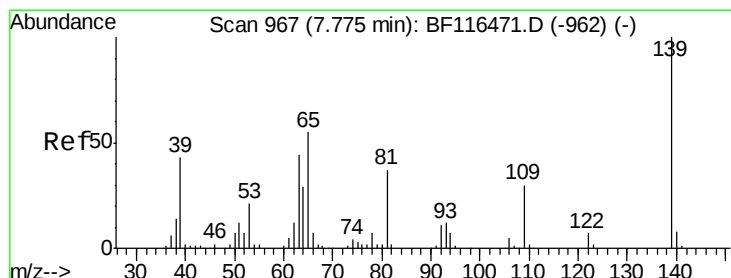
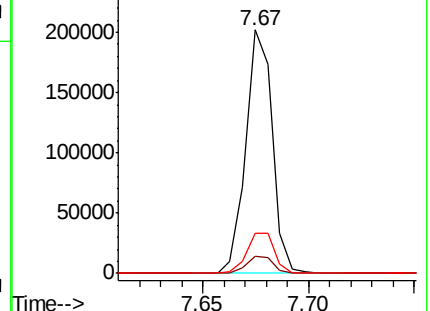
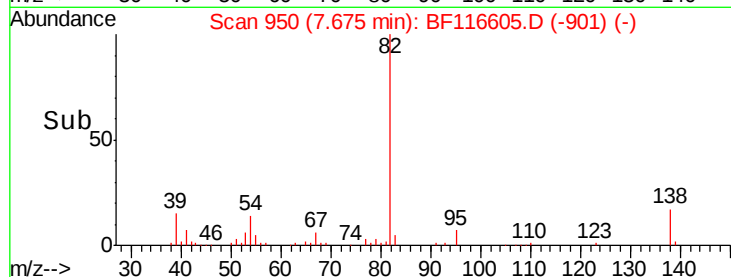
138 16.7 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 11.175 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

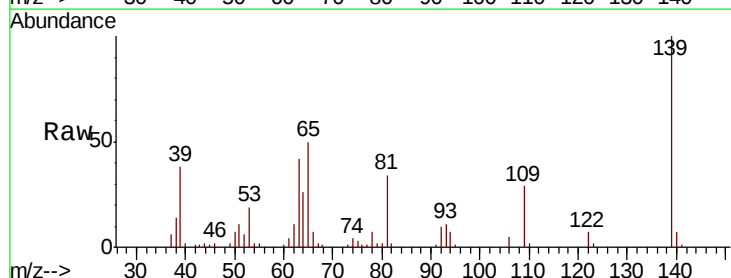
Tgt Ion: 139 Resp: 38322

Ion Ratio Lower Upper

139 100

109 29.1 22.4 33.6

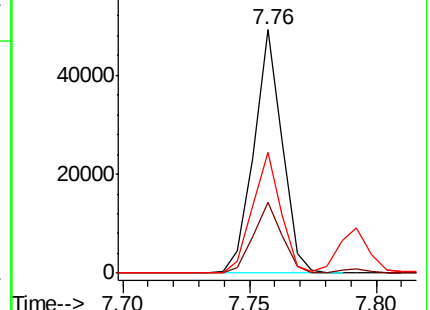
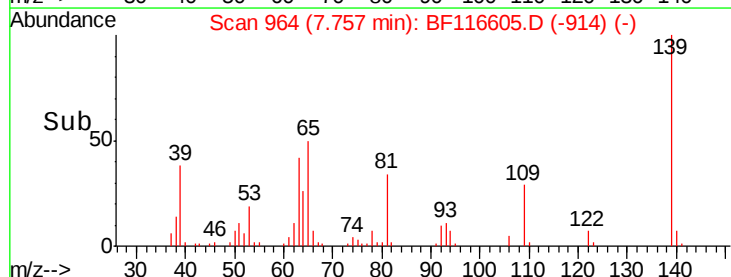
65 49.5 36.9 55.3

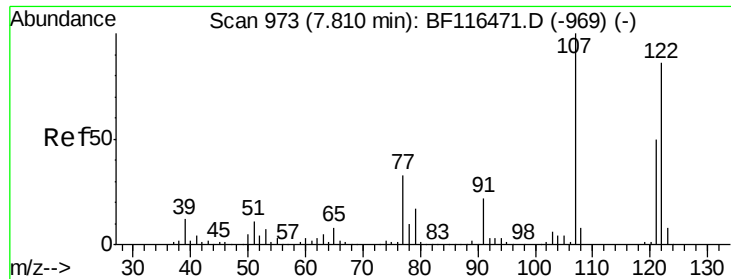


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

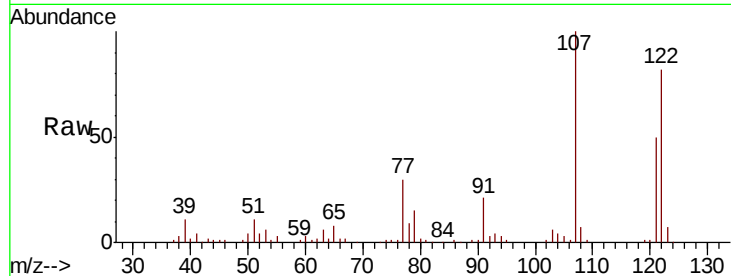




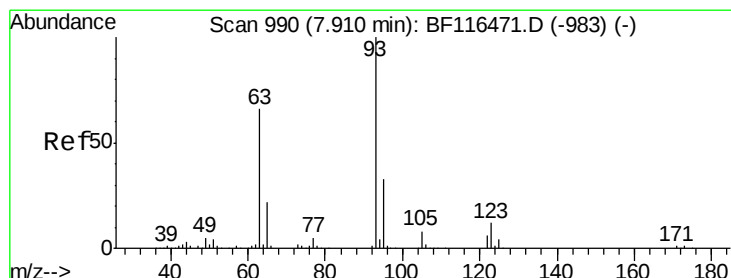
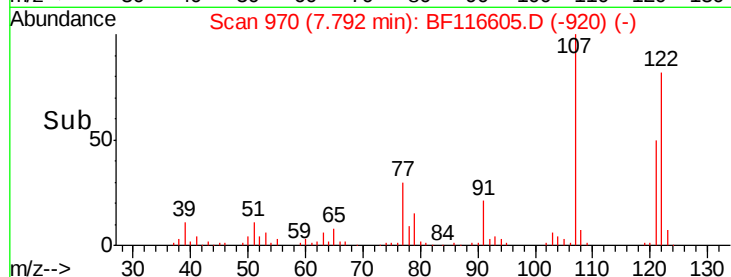
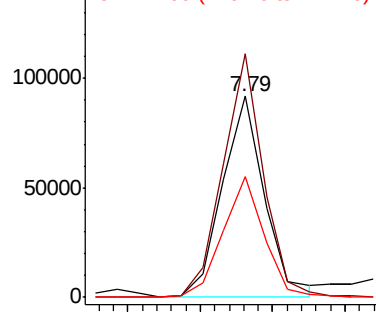
#27
 2,4-Dimethylphenol
 Concen: 10.263 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 73434
 Ion Ratio Lower Upper
 122 100
 107 121.2 95.4 143.0
 121 60.1 47.8 71.8

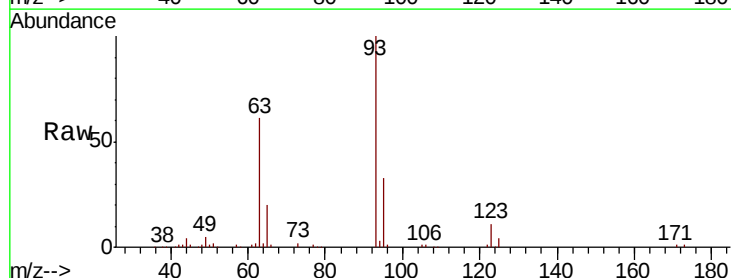


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

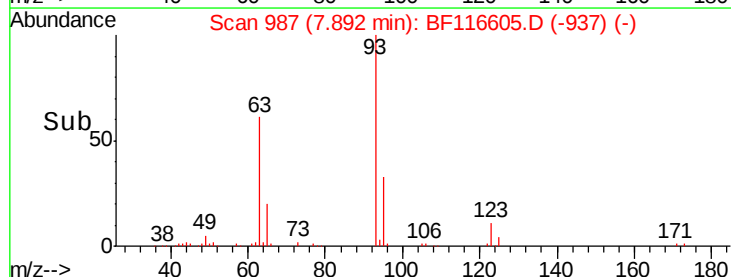
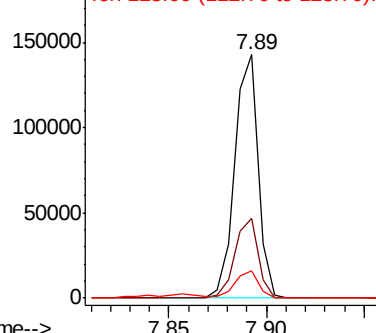


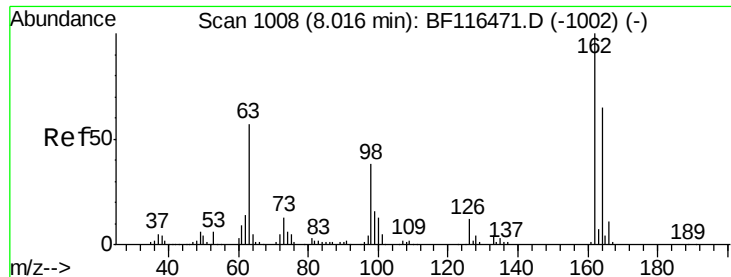
#28
 bis(2-Chloroethoxy)methane
 Concen: 10.768 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion: 93 Resp: 118790
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.1 39.1
 123 11.4 10.4 15.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

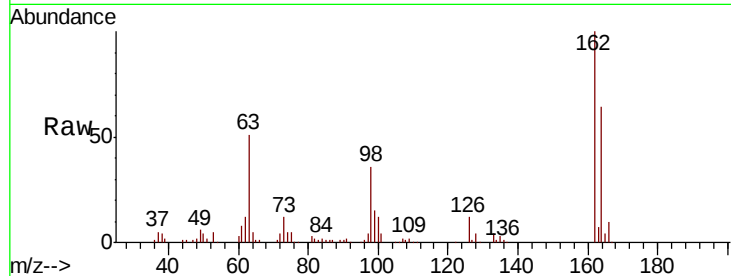




#29
 2,4-Dichlorophenol
 Concen: 11.603 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	162	Resp	78954
Ion Ratio	Lower	Upper	
162	100		
164	64.2	45.9	85.9
98	36.5	17.4	57.4

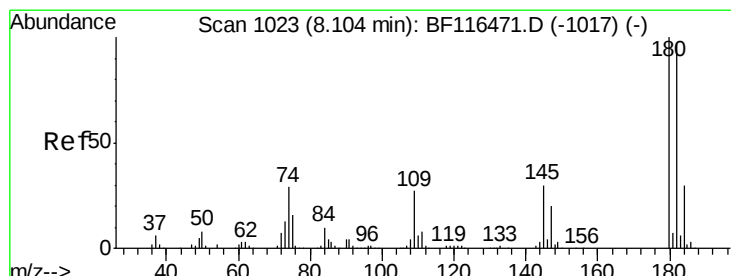
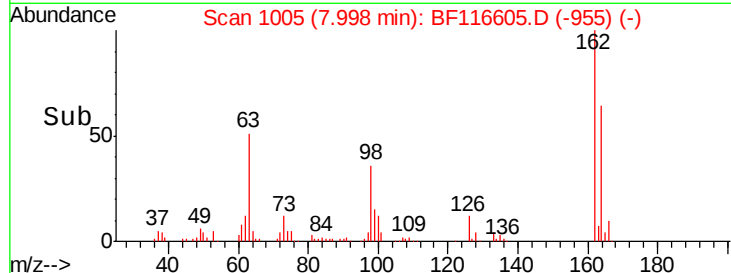
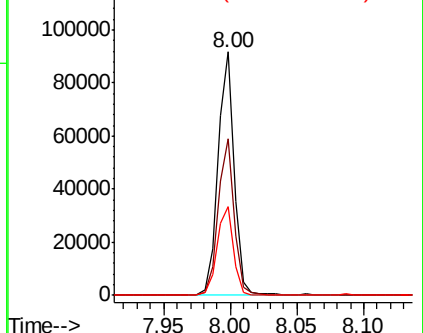


Abundance

Ion 162.00 (161.70 to 162.70): E

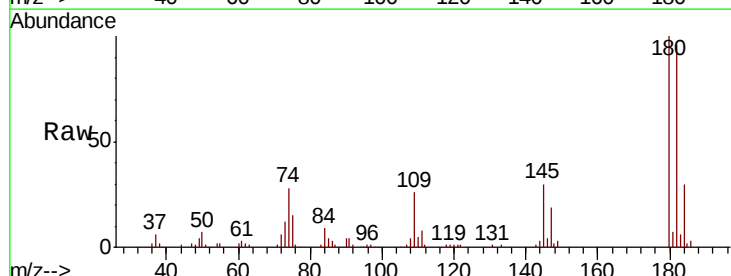
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 12.022 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion	180	Resp	92092
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.7	115.1
145	30.3	24.1	36.1

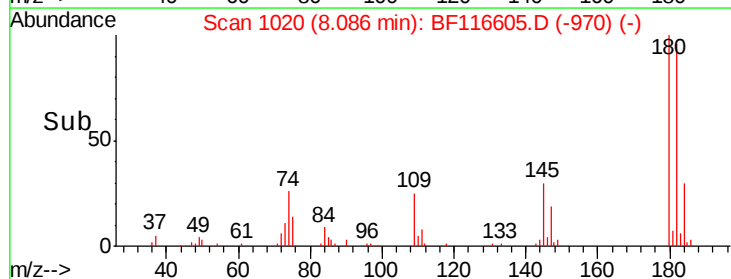
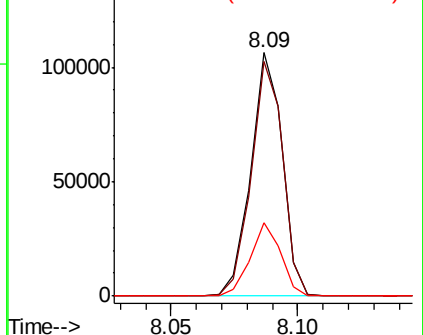


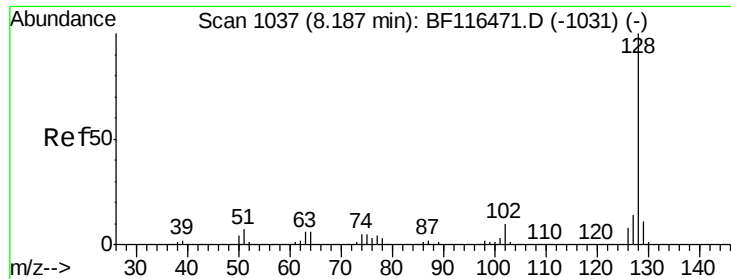
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

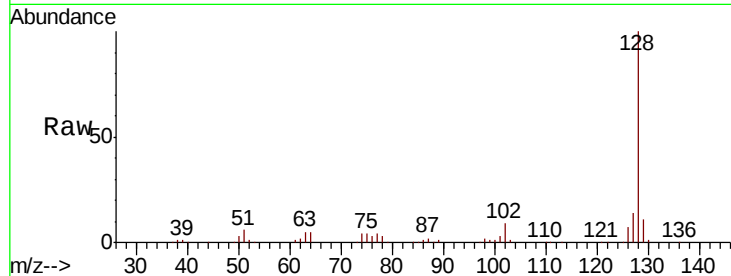




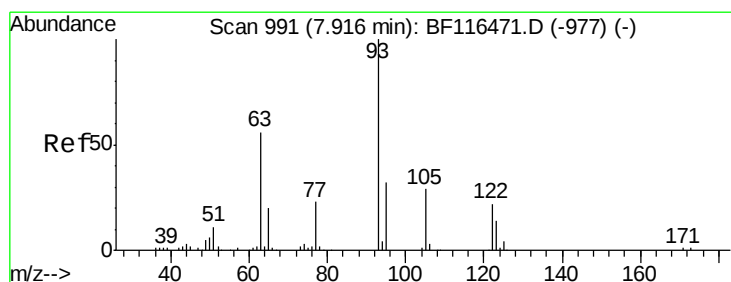
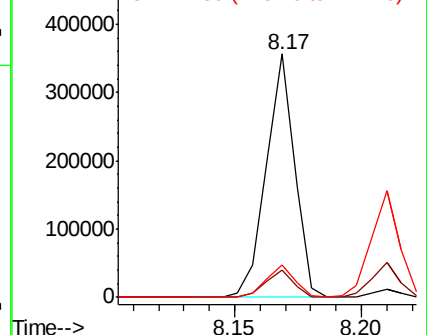
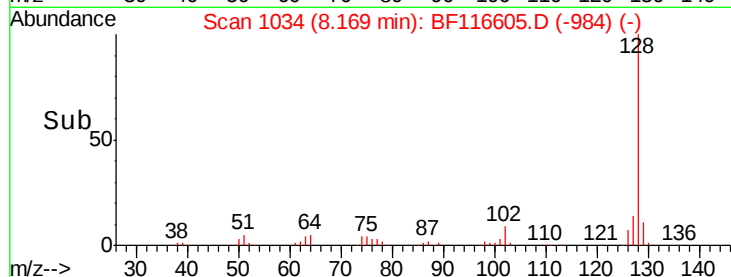
#31
Naphthalene
Concen: 11.698 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 280664
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.9 16.3

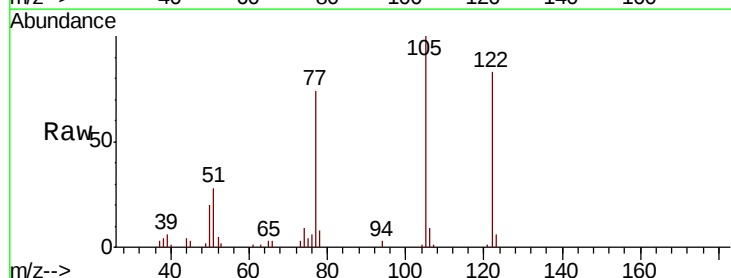


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

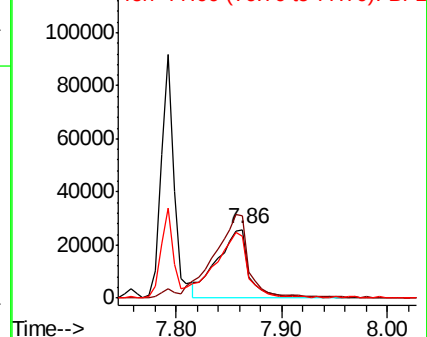
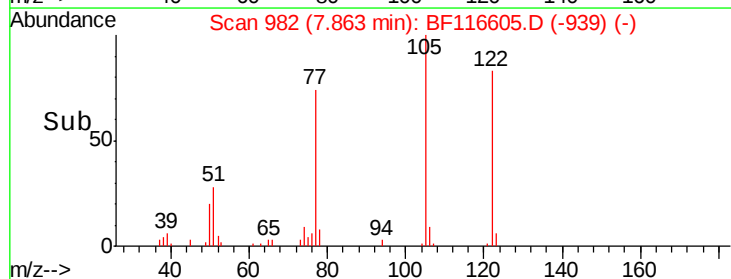


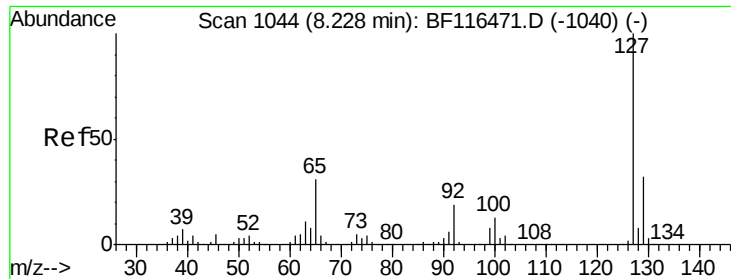
#32
Benzoic acid
Concen: 12.152 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion:122 Resp: 55587
Ion Ratio Lower Upper
122 100
105 120.8 105.8 145.8
77 89.7 74.1 114.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

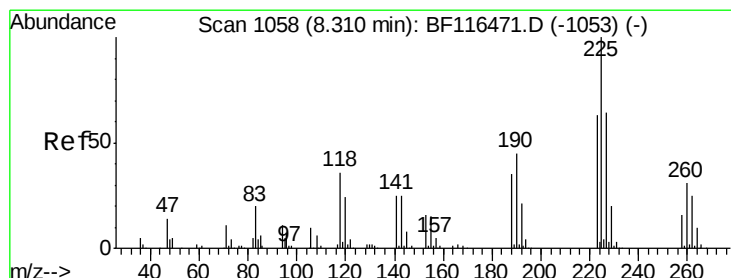
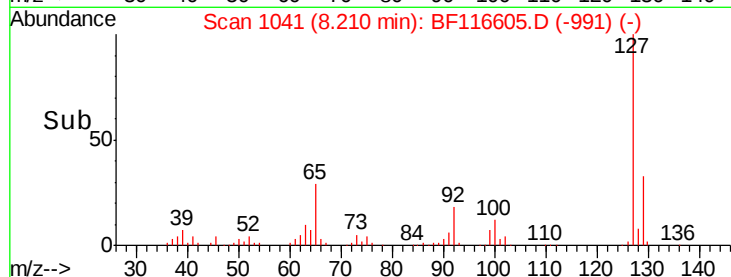
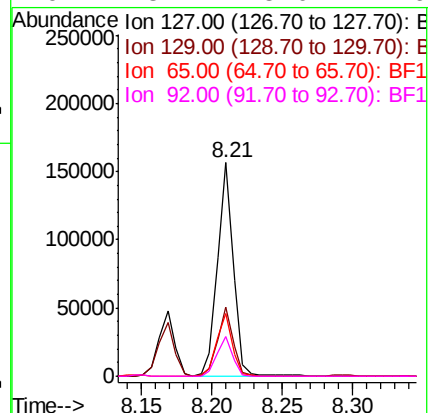
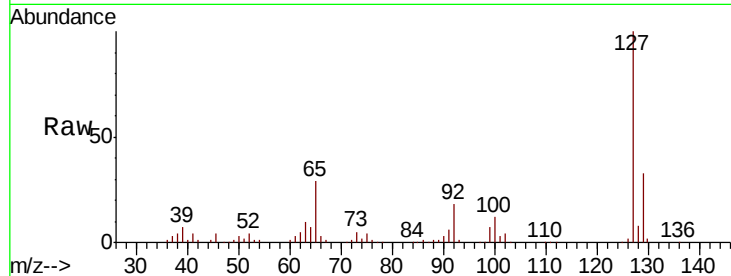




#33
4-Chloroaniline
Concen: 11.680 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

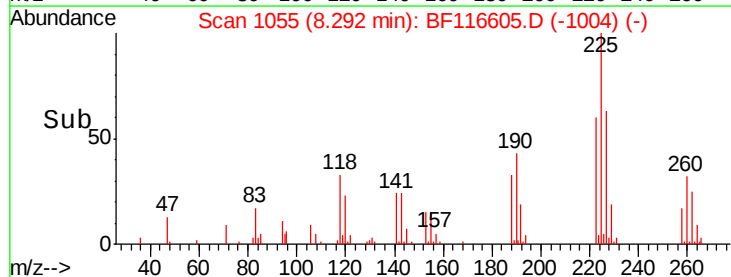
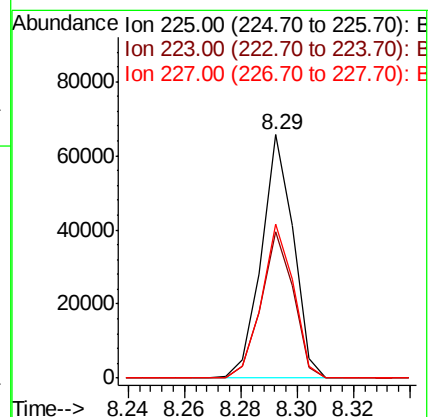
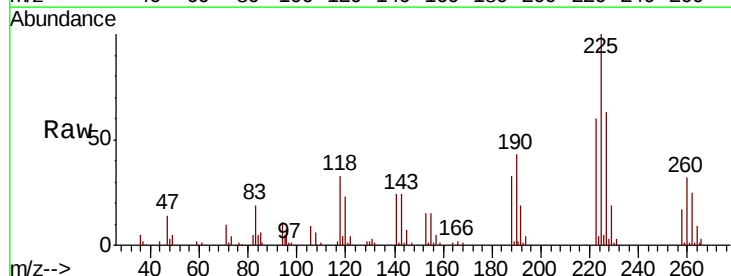
Instrument :
BNA_F
ClientSampled :

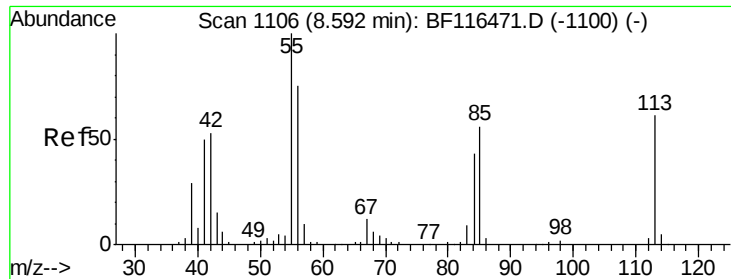
Tot Ion:	127	Resp:	123019
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.4	22.6	33.8
92	18.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 12.307 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion:	225	Resp:	51415
Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.7	76.1
227	63.4	50.4	75.6

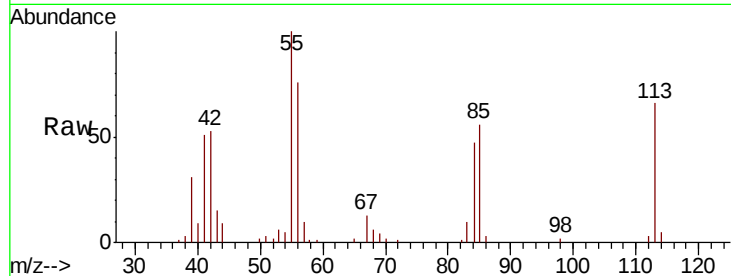




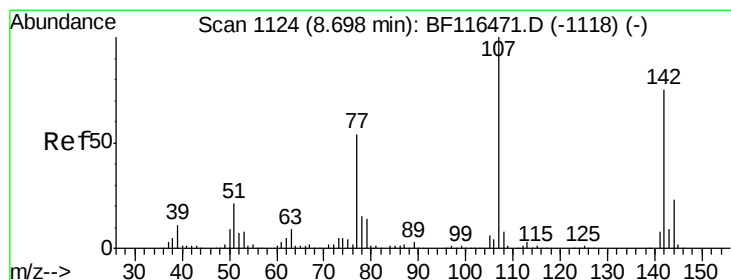
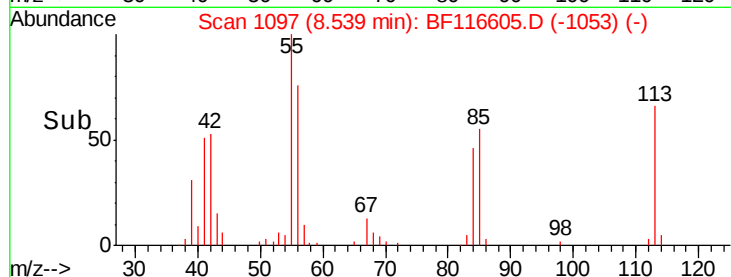
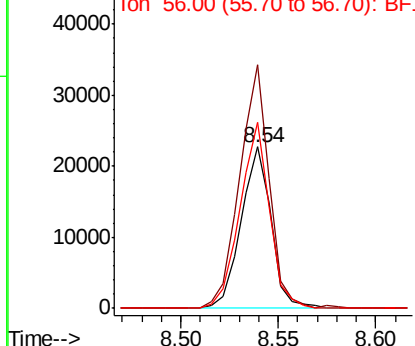
#35
 Caprolactam
 Concen: 10.164 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.04 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 24090
 Ion Ratio Lower Upper
 113 100
 55 150.7 128.3 168.3
 56 114.9 93.2 133.2

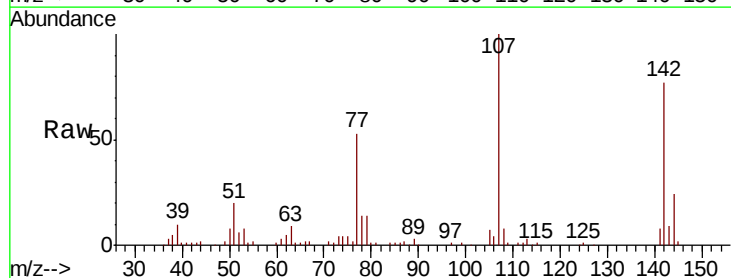


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

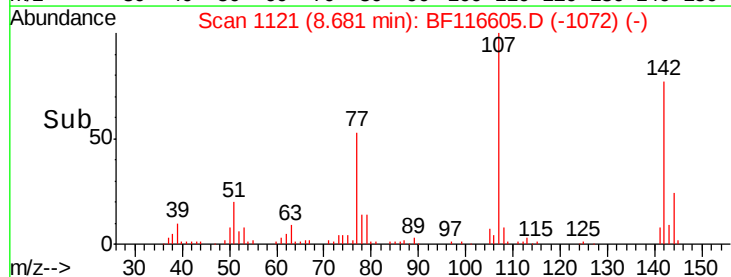
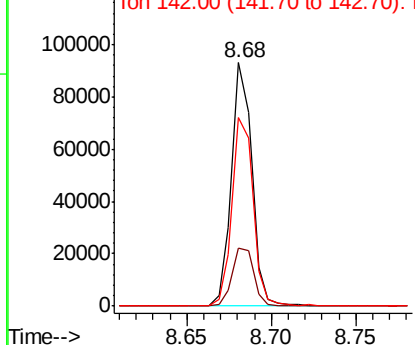


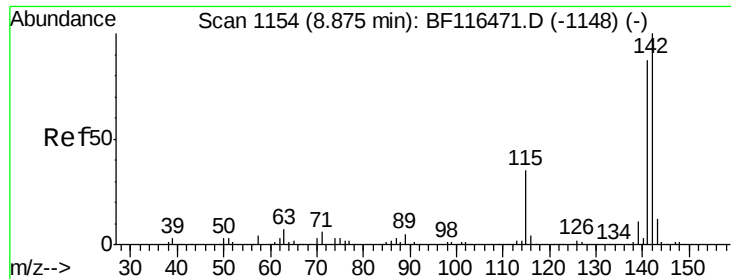
#36
 4-Chloro-3-methylphenol
 Concen: 10.222 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion:107 Resp: 78482
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.6 30.8
 142 77.4 63.8 95.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

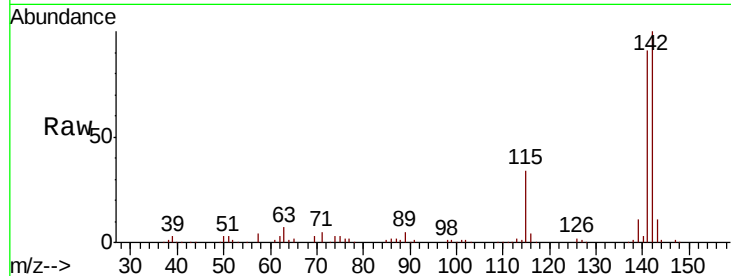




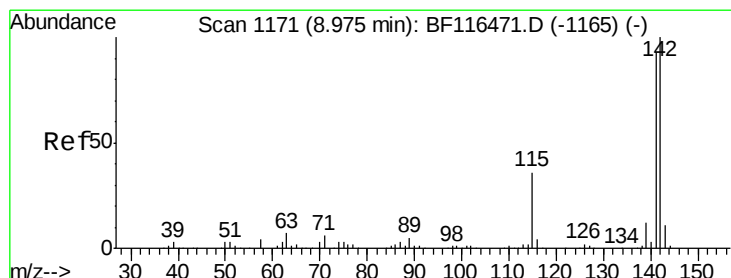
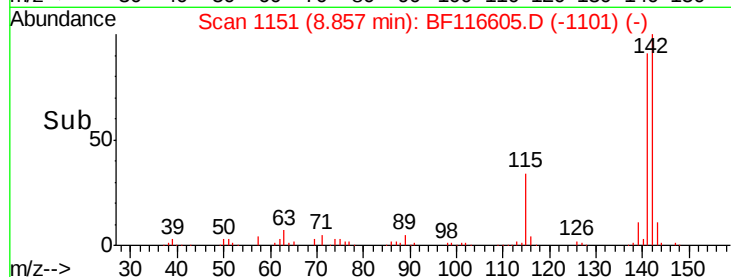
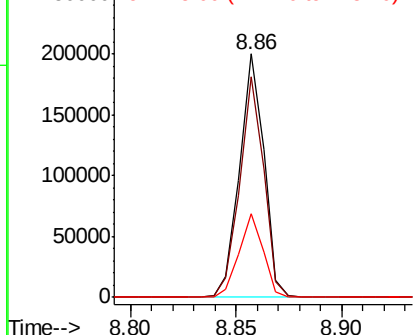
#37
2-Methylnaphthalene
Concen: 9.676 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	69.5	104.3
115	34.2	26.0	39.0

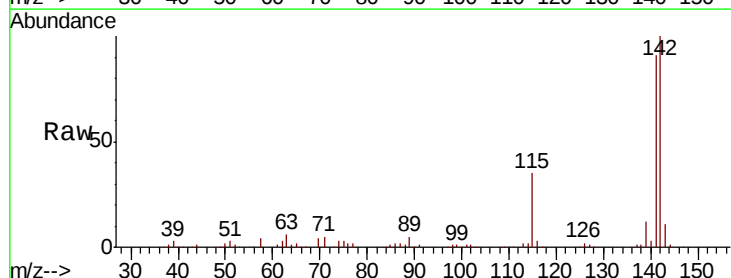


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

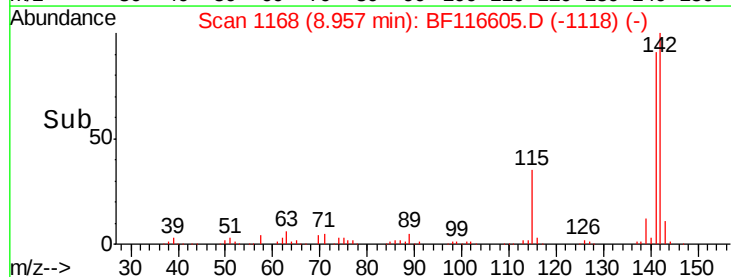
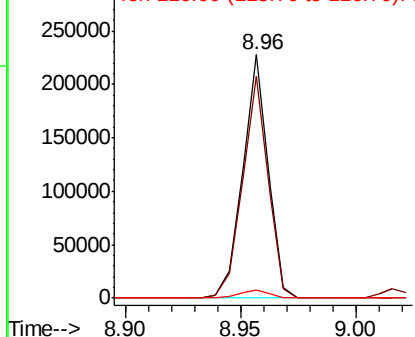


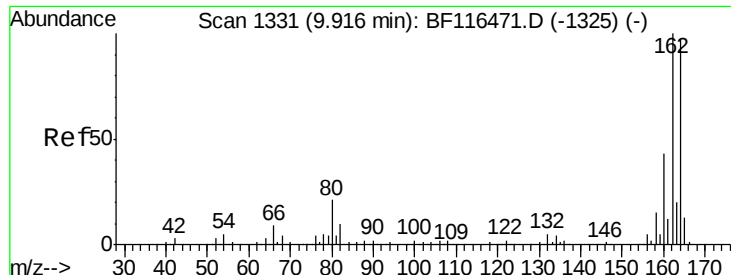
#38
1-Methylnaphthalene
Concen: 11.326 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.1	109.7
116	3.4	2.7	4.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

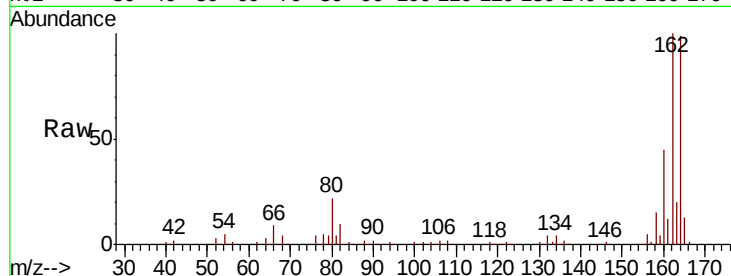
Tot Ion:164 Resp: 262539

Ion Ratio Lower Upper

164 100

162 101.2 83.4 125.0

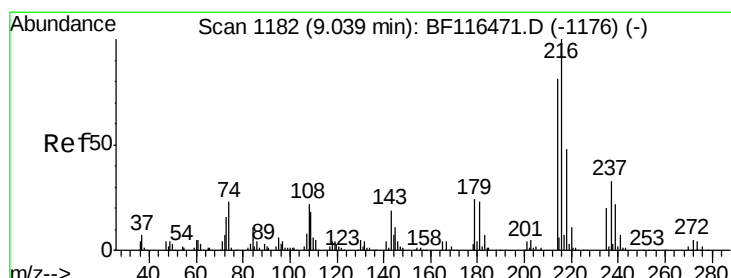
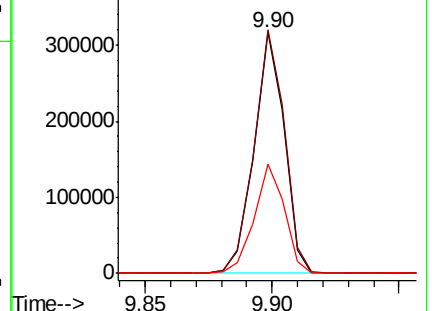
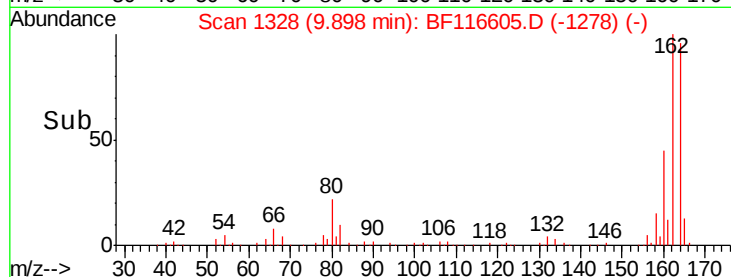
160 45.3 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 11.984 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Tgt Ion:216 Resp: 84650

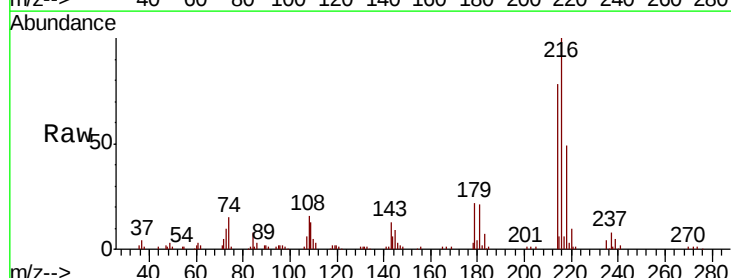
Ion Ratio Lower Upper

216 100

214 79.2 63.3 94.9

179 22.6 17.9 26.9

108 20.3 16.0 24.0

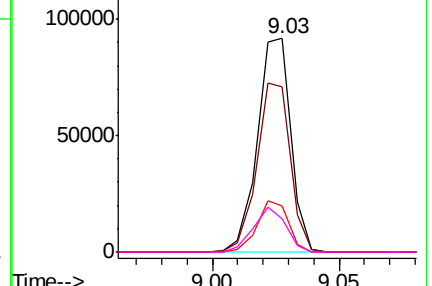
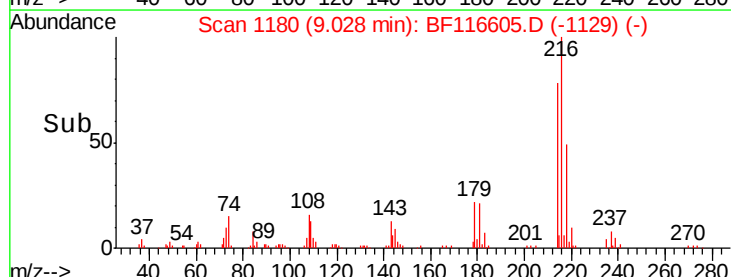


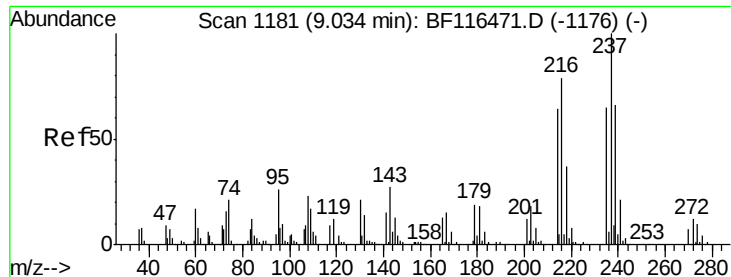
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 12.039 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

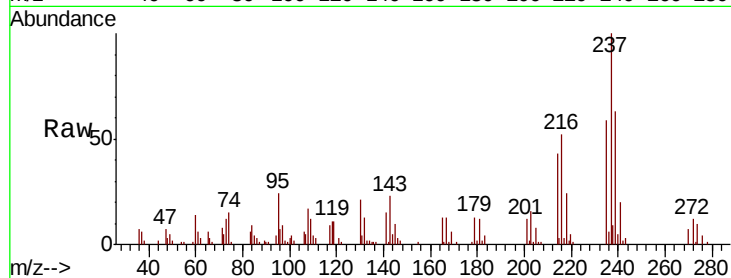
Tot Ion:237 Resp: 45751

Ion Ratio Lower Upper

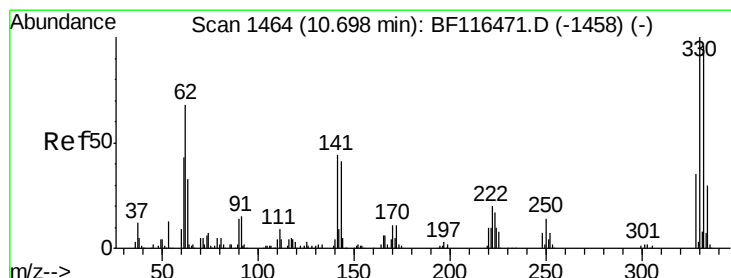
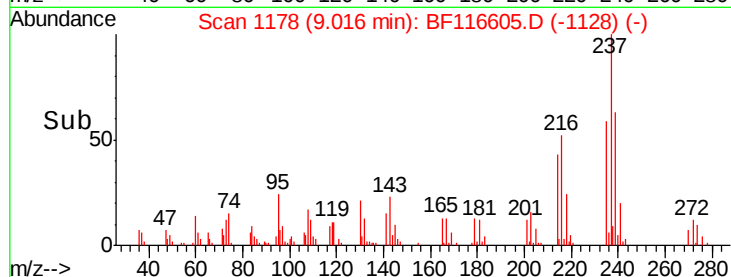
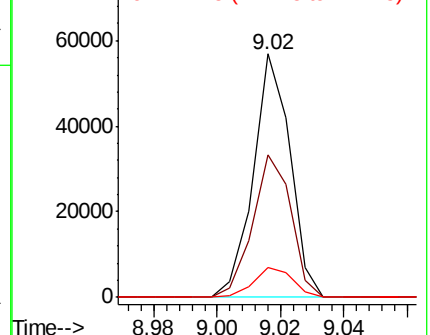
237 100

235 58.7 42.9 82.9

272 12.4 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 24.211 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

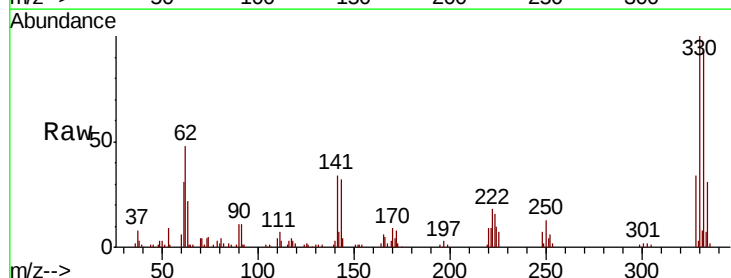
Tgt Ion:330 Resp: 54580

Ion Ratio Lower Upper

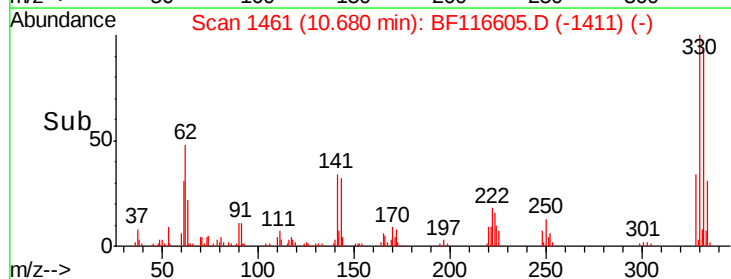
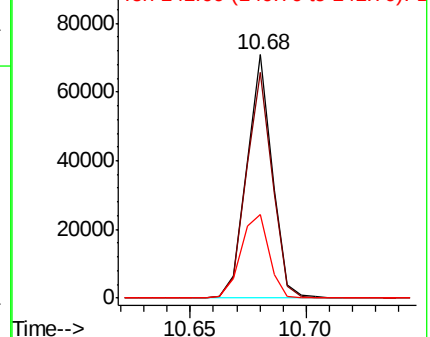
330 100

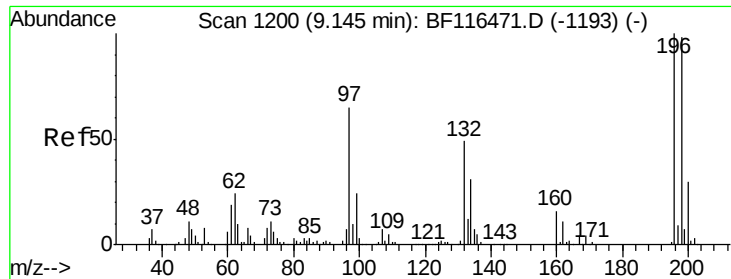
332 94.6 77.5 116.3

141 38.2 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

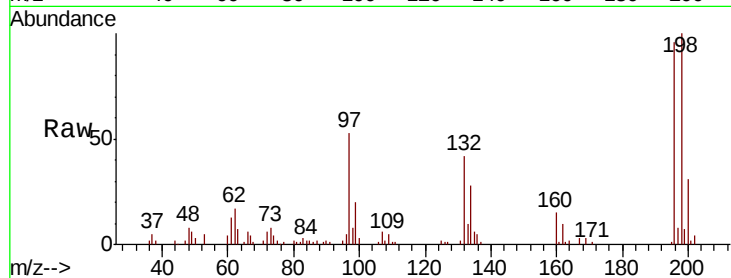




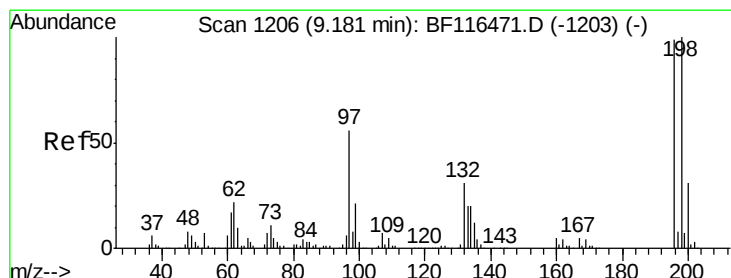
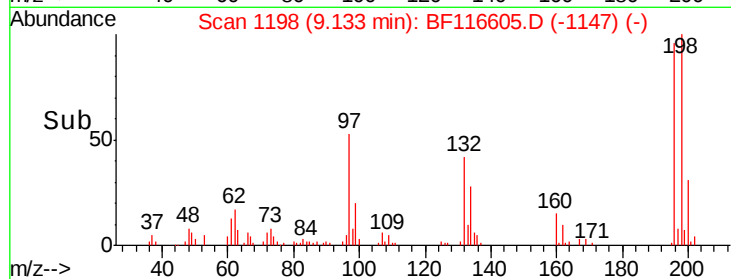
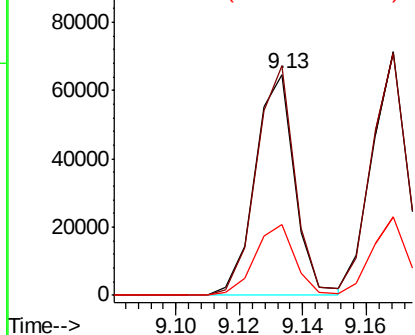
#43
 2,4,6-Trichlorophenol
 Concen: 11.374 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 56227
 Ion Ratio Lower Upper
 196 100
 198 104.1 76.8 115.2
 200 32.0 25.0 37.6

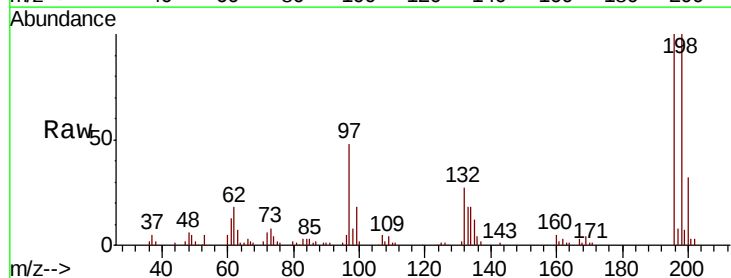


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

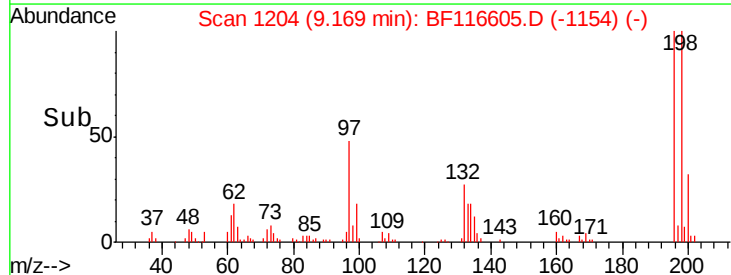
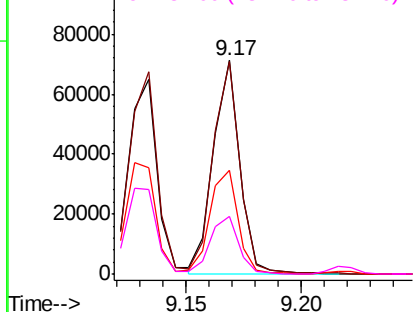


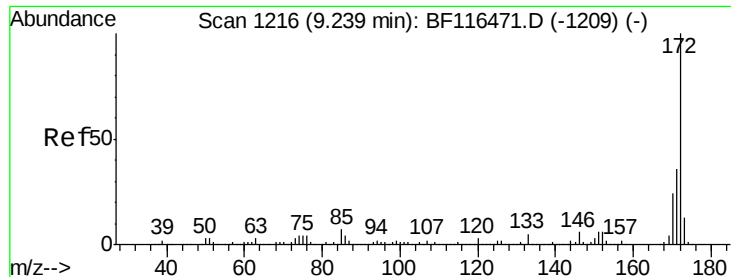
#44
 2,4,5-Trichlorophenol
 Concen: 11.322 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion:196 Resp: 56951
 Ion Ratio Lower Upper
 196 100
 198 99.7 82.0 123.0
 97 48.4 37.0 55.6
 132 26.9 22.2 33.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

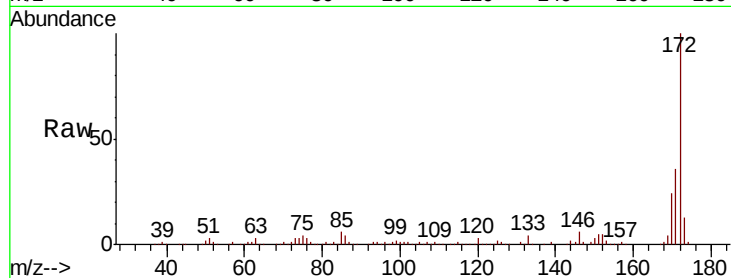




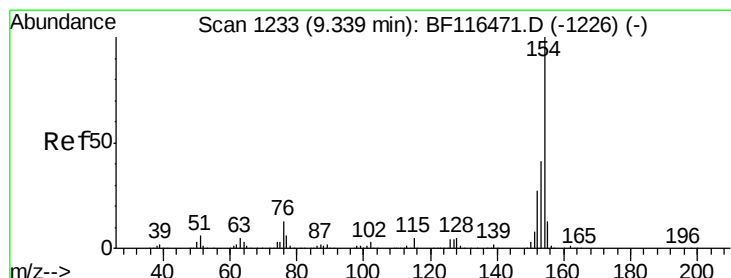
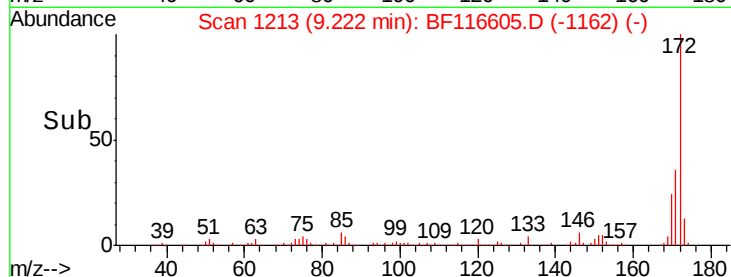
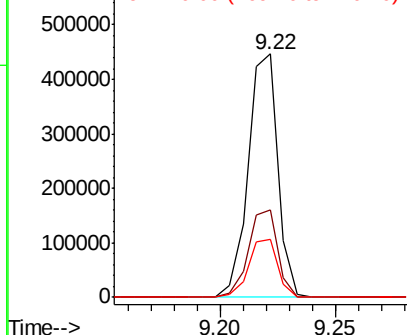
#45
2-Fluorobiphenyl
Concen: 24.612 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.9	19.3	28.9

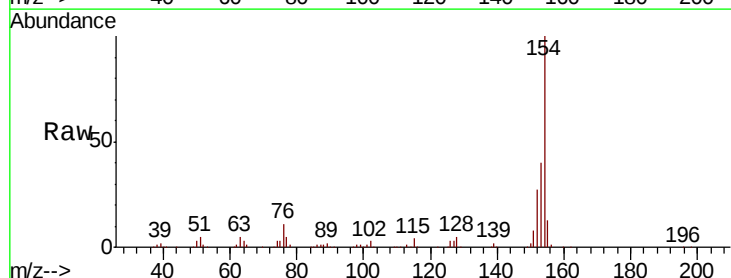


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

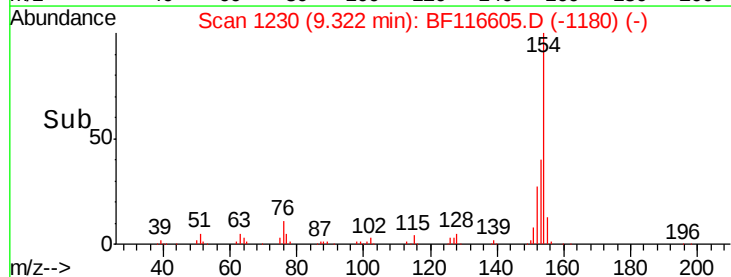
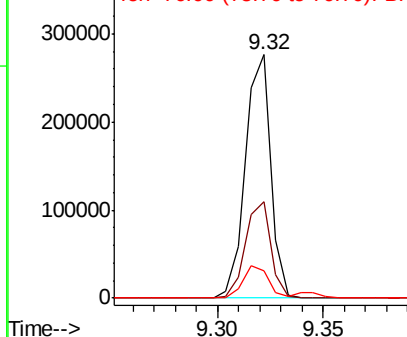


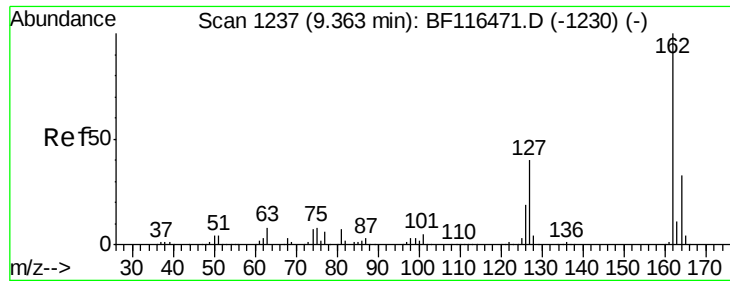
#46
1,1'-Biphenyl
Concen: 10.948 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.4	61.4
76	11.3	0.0	31.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

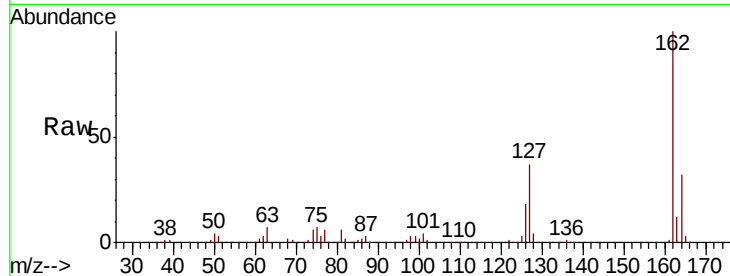




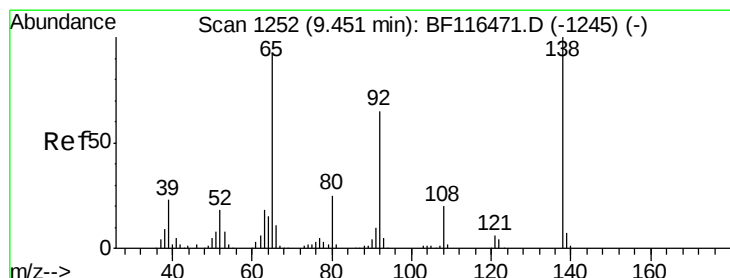
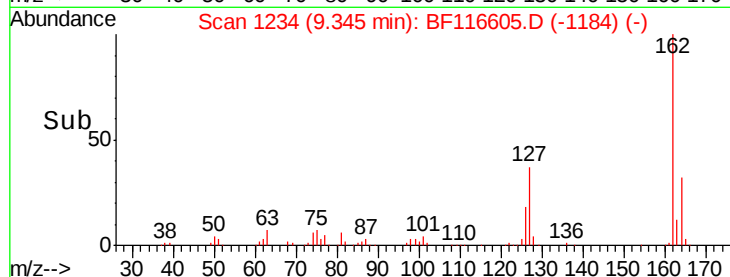
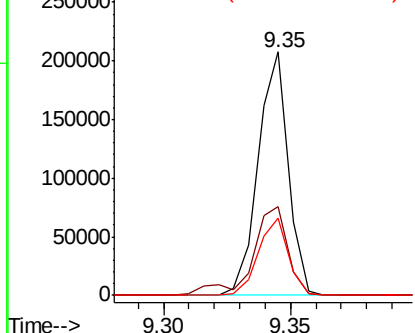
#47
 2-Chloronaphthalene
 Concen: 10.517 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 171144
 Ion Ratio Lower Upper
 162 100
 127 36.7 31.1 46.7
 164 31.9 26.8 40.2

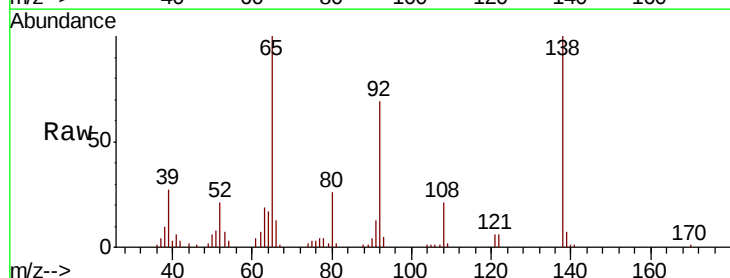


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

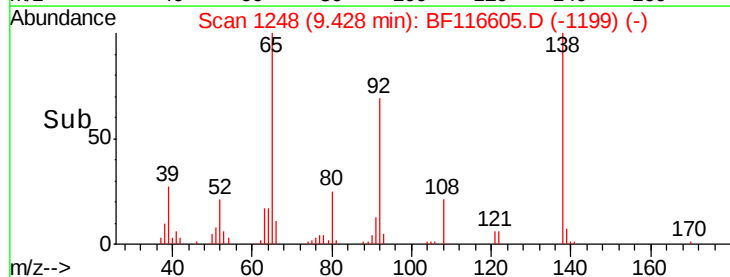
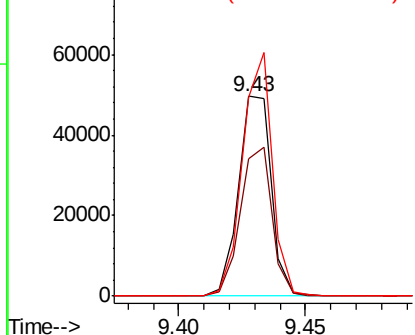


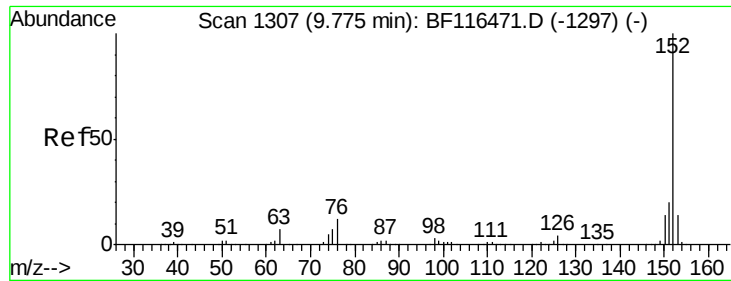
#48
 2-Nitroaniline
 Concen: 8.958 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion: 65 Resp: 44632
 Ion Ratio Lower Upper
 65 100
 92 68.8 58.2 87.2
 138 99.8 96.6 144.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 9.666 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

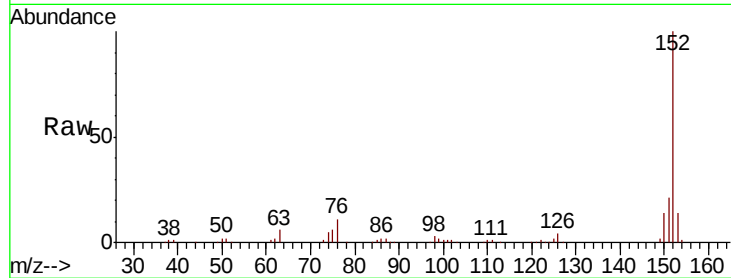
Tot Ion:152 Resp: 230130

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

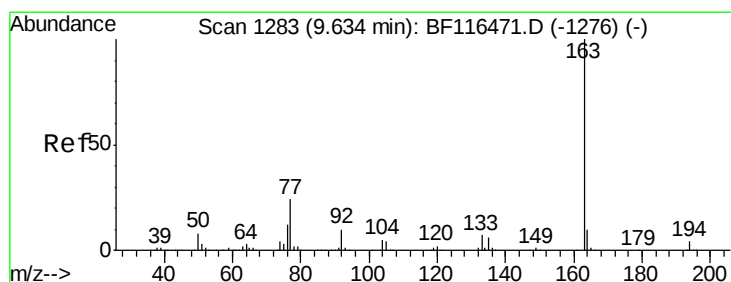
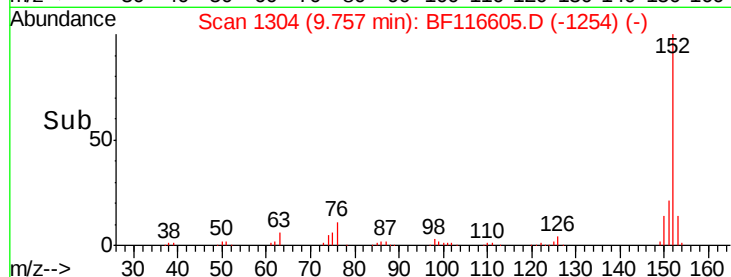
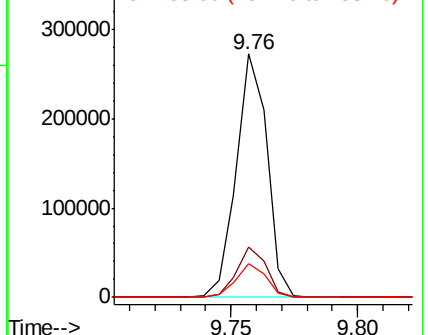
153 13.7 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 9.840 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

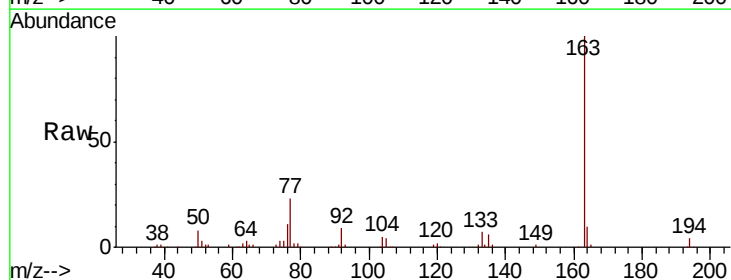
Tgt Ion:163 Resp: 180245

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

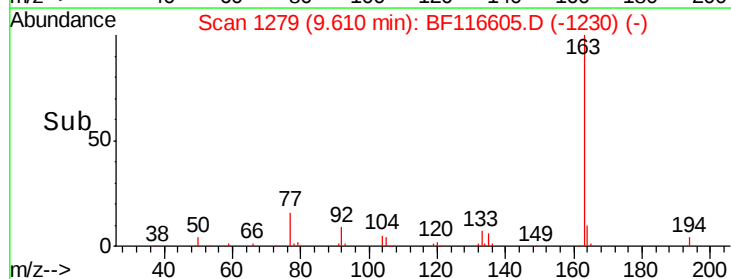
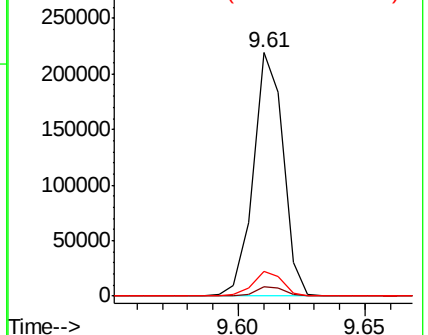
164 10.3 8.2 12.2

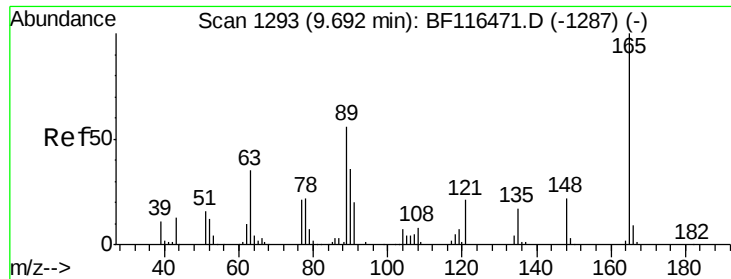


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

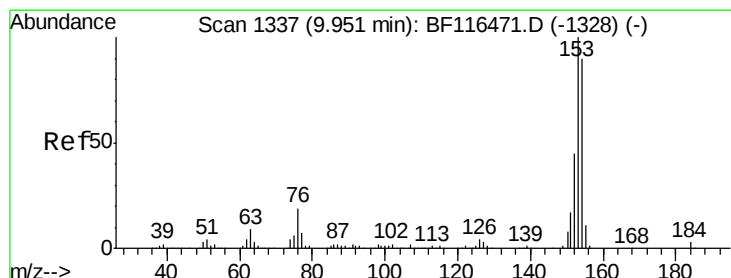
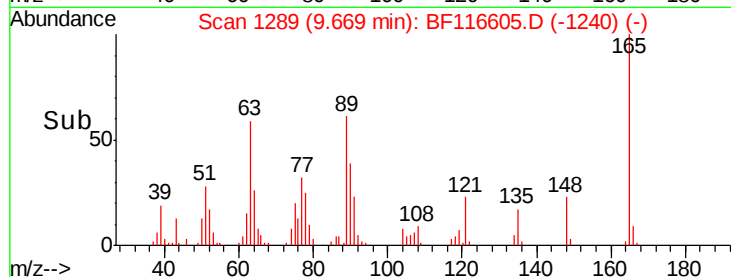
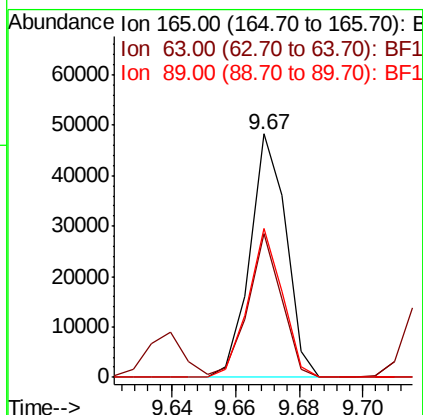
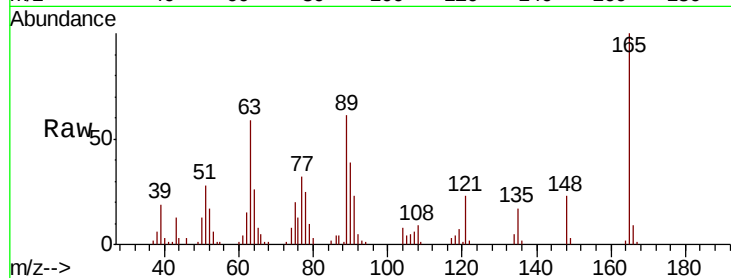




#51
 2,6-Dinitrotoluene
 Concen: 10.154 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

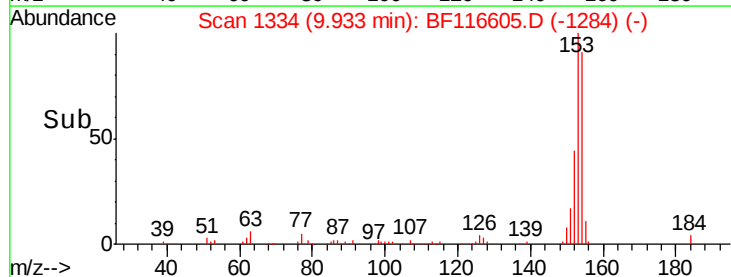
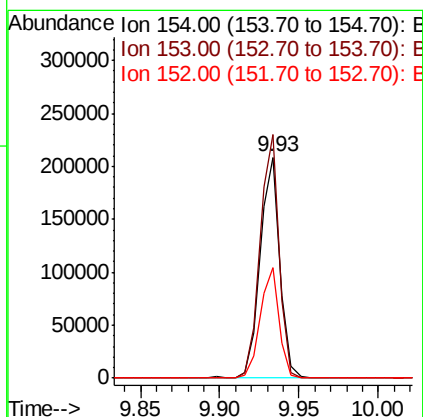
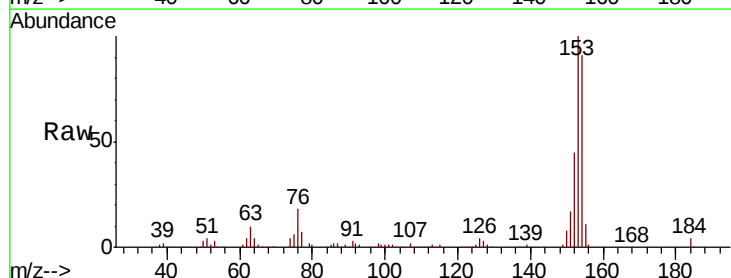
Instrument :
 BNA_F
 ClientSampleId :

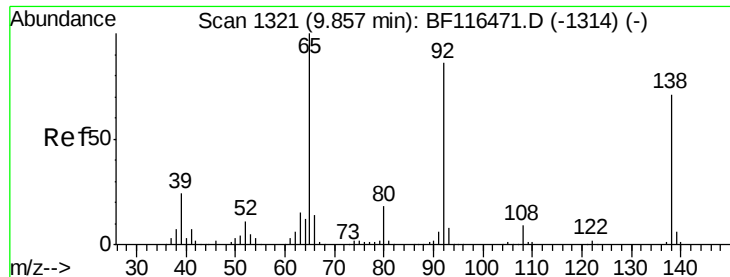
Tot Ion:165 Resp: 38071
 Ion Ratio Lower Upper
 165 100
 63 58.9 37.2 55.8#
 89 61.4 40.8 61.2#



#52
 Acenaphthene
 Concen: 11.833 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion:154 Resp: 180775
 Ion Ratio Lower Upper
 154 100
 153 110.3 86.6 129.8
 152 50.0 39.4 59.0

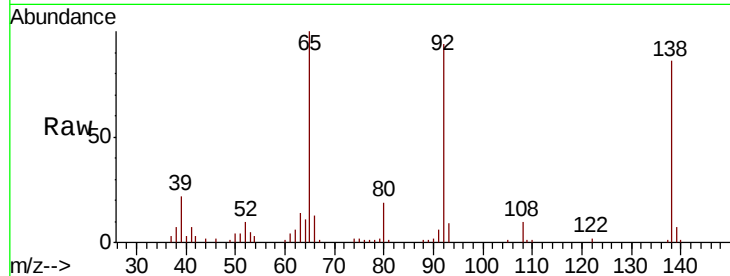




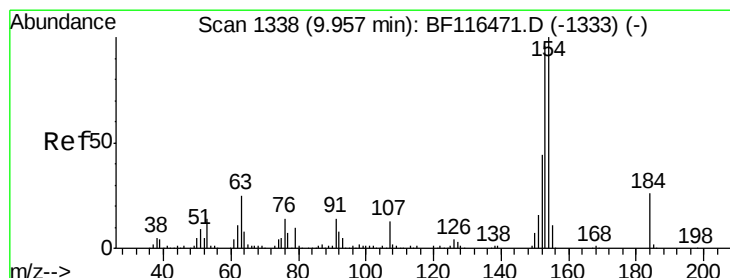
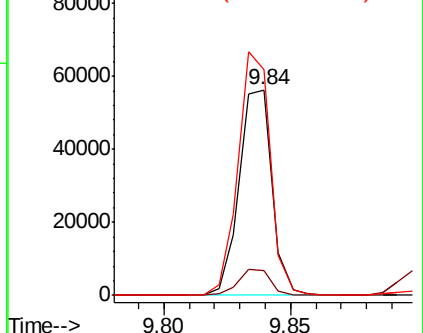
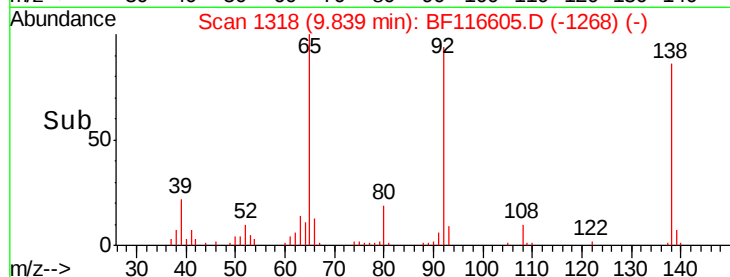
#53
3-Nitroaniline
Concen: 11.347 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 50713
Ion Ratio Lower Upper
138 100
108 11.7 8.5 12.7
92 109.7 91.6 137.4

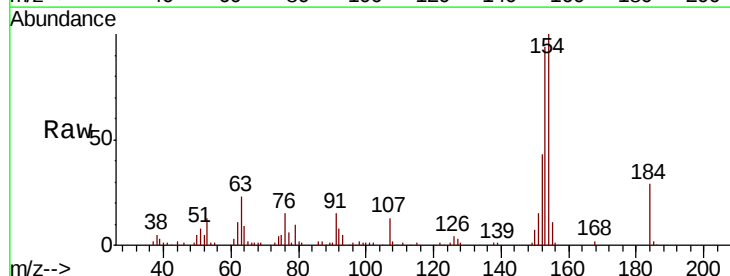


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

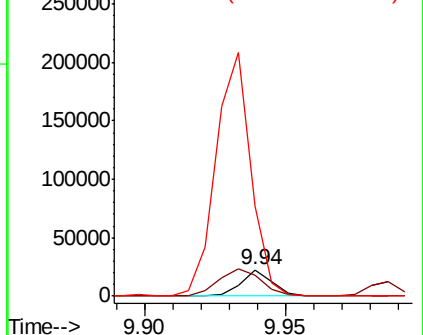
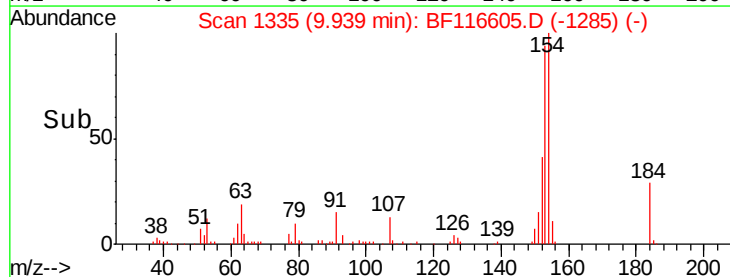


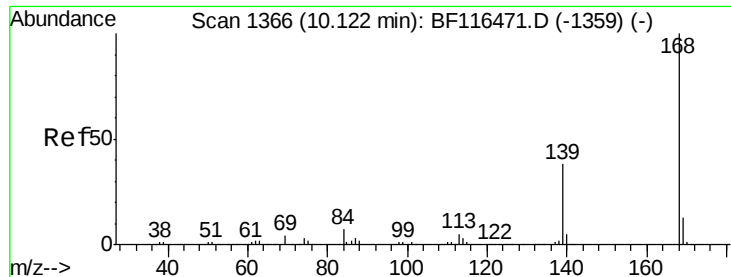
#54
2,4-Dinitrophenol
Concen: 14.497 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion:184 Resp: 17090
Ion Ratio Lower Upper
184 100
63 79.7 62.7 94.1
154 347.0 150.0 225.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 10.970 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

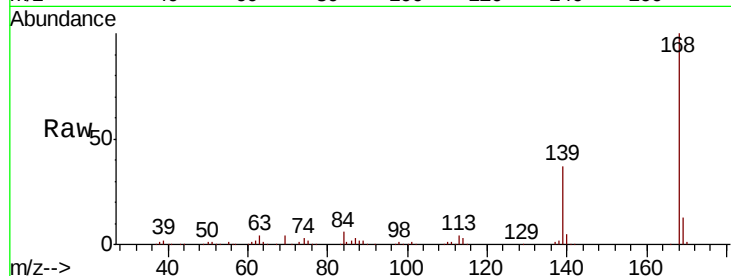
Tot Ion:168 Resp: 233608

Ion Ratio Lower Upper

168 100

139 36.8 31.3 46.9

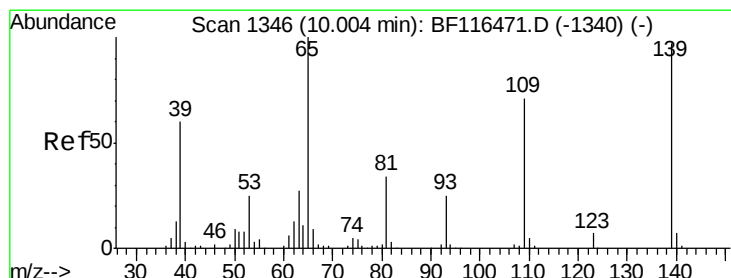
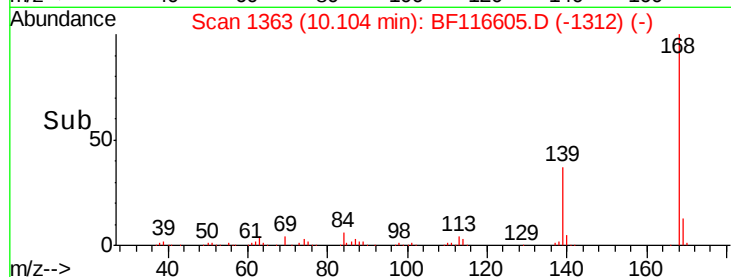
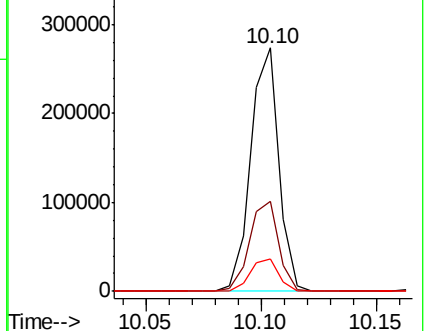
169 13.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 10.877 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

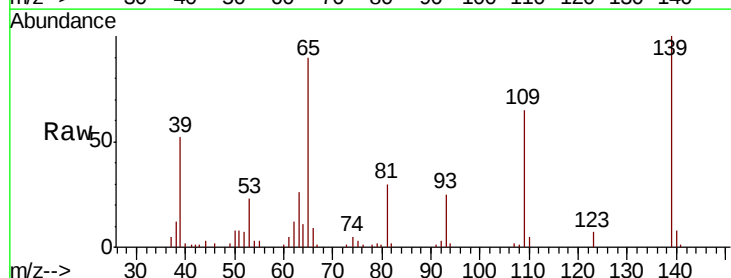
Tgt Ion:139 Resp: 37783

Ion Ratio Lower Upper

139 100

109 65.3 45.5 85.5

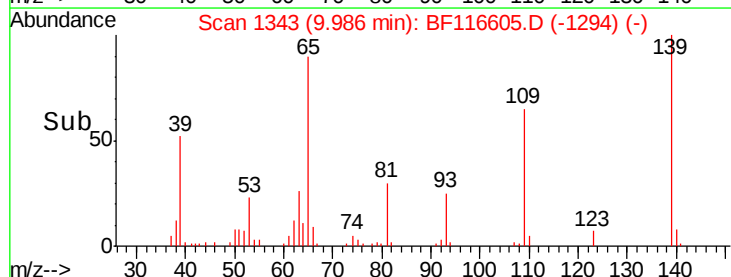
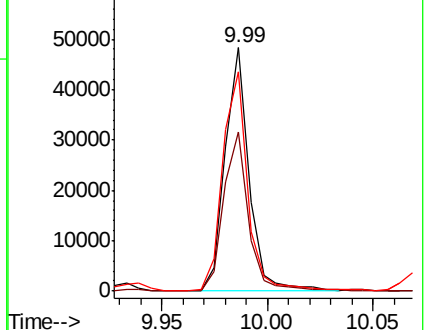
65 90.3 66.8 106.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

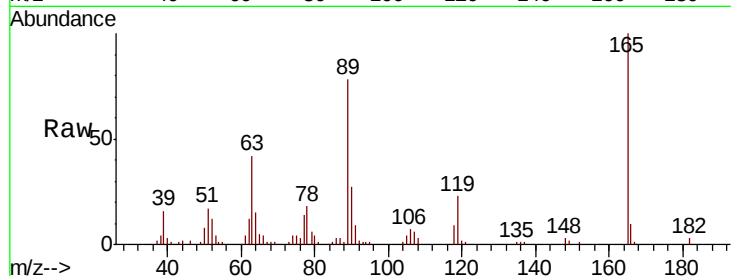




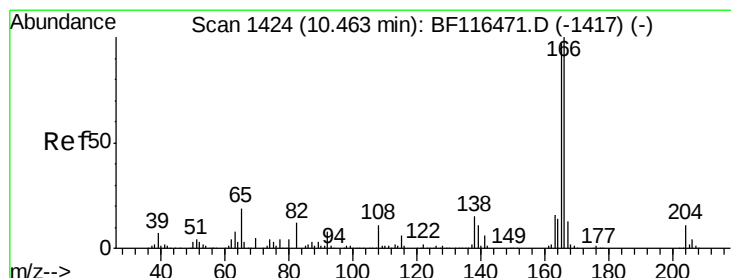
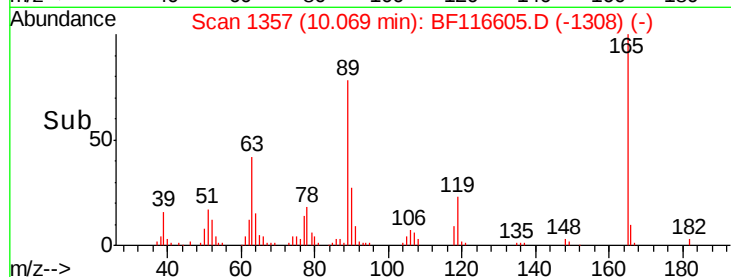
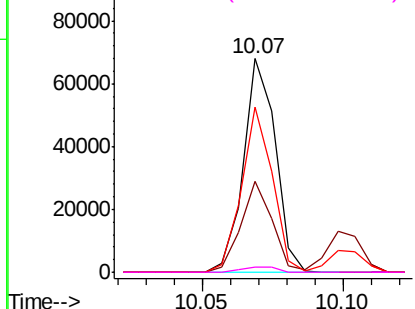
#57
2,4-Dinitrotoluene
Concen: 11.127 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	53084
Ion Ratio	Lower	Upper
165	100	
63	42.5	30.9 46.3
89	77.6	55.0 82.6
182	2.7	2.2 3.2

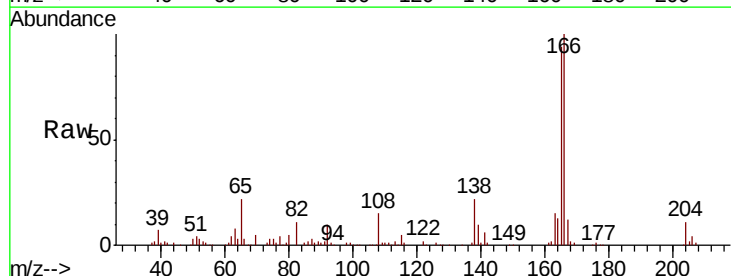


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

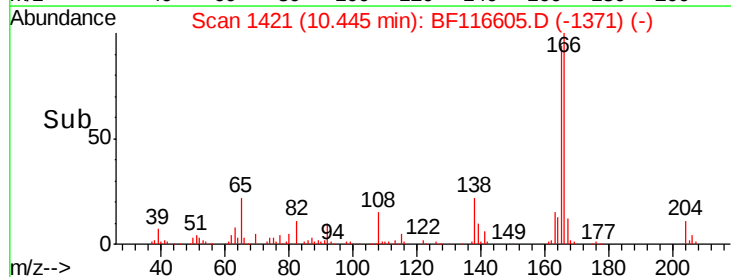
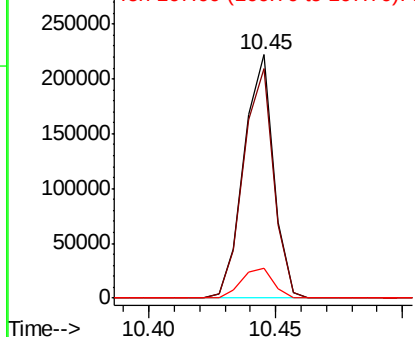


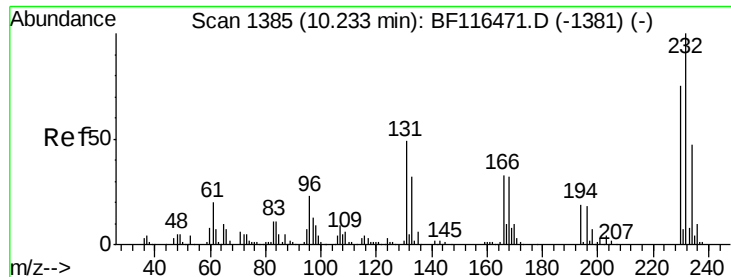
#58
Fluorene
Concen: 10.956 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion:166	Resp:	181267
Ion Ratio	Lower	Upper
166	100	
165	94.3	77.8 116.6
167	12.4	10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

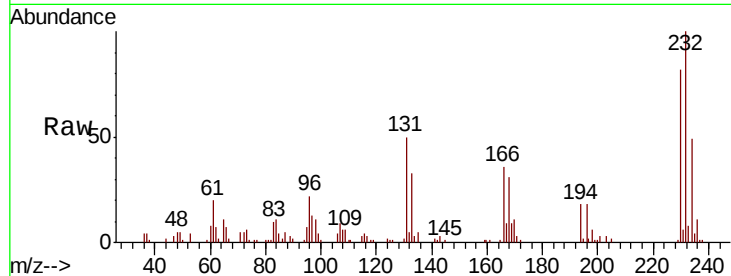




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.861 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.7	56.5
130	2.1	1.8	2.6
166	33.5	25.5	38.3



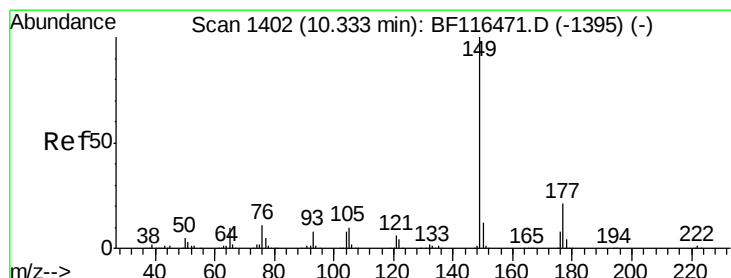
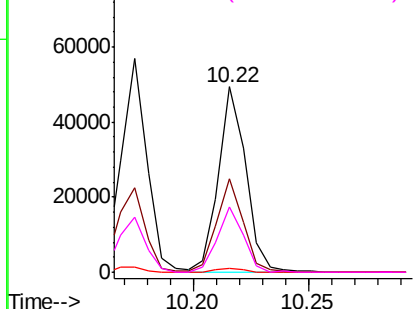
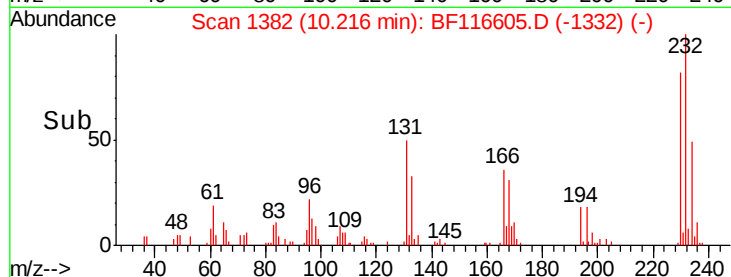
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

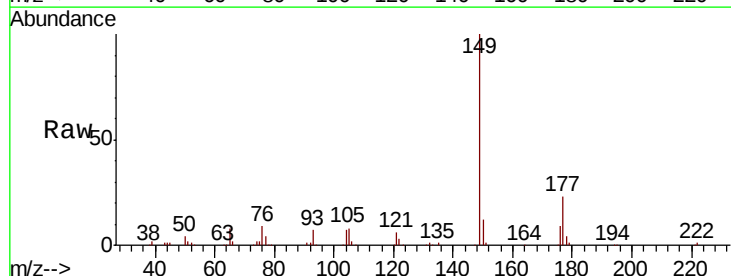
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 10.784 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.2	27.4
150	11.9	10.1	15.1

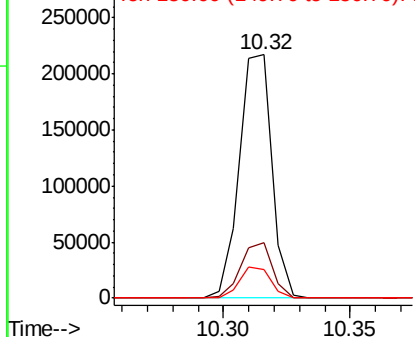
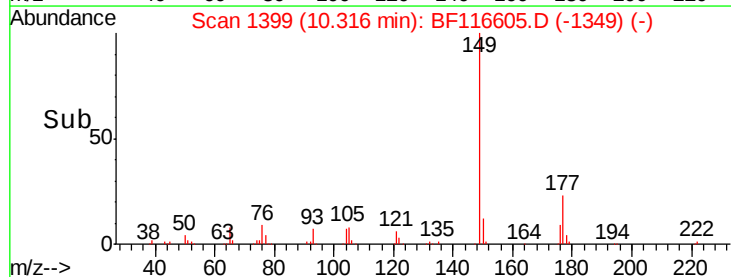


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

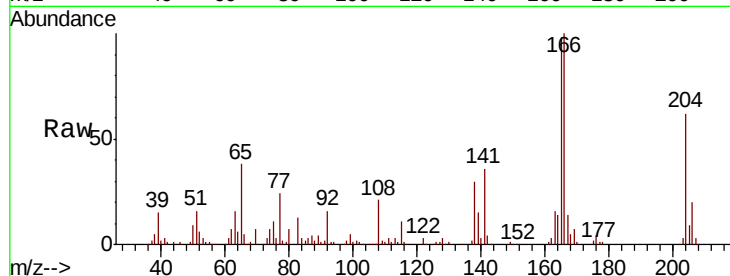




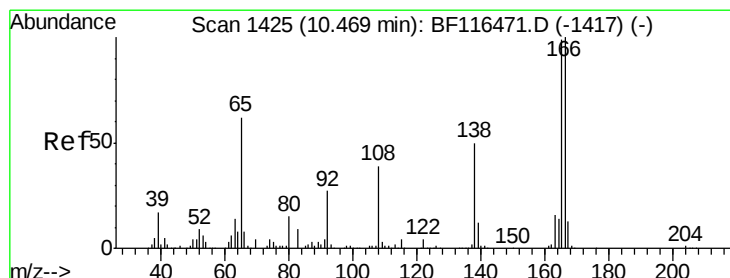
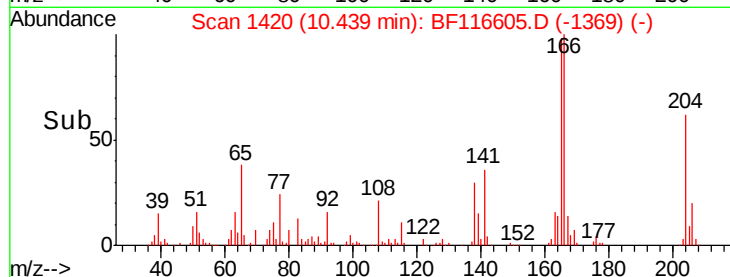
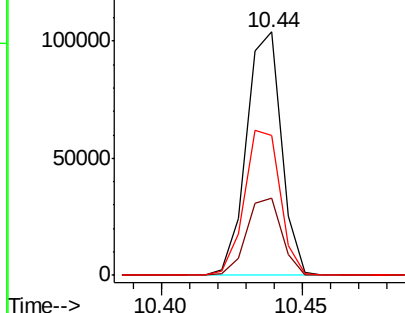
#61
 4-Chlorophenyl-phenylether
 Concen: 11.059 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.0	39.0
141	57.7	47.9	71.9

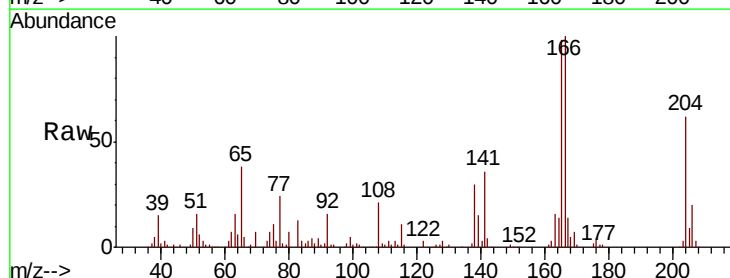


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

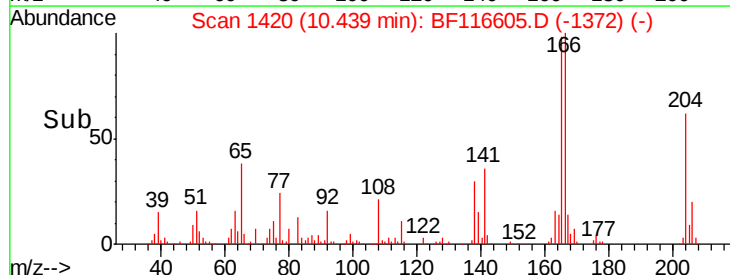
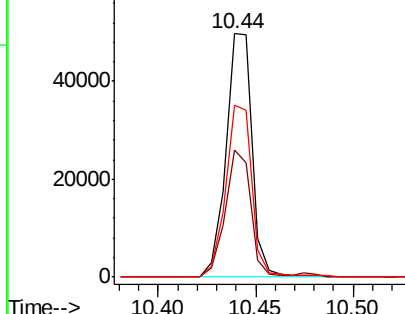


#62
 4-Nitroaniline
 Concen: 10.552 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.02 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	28.9	68.9
108	70.8	49.3	89.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 10.863 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 201079

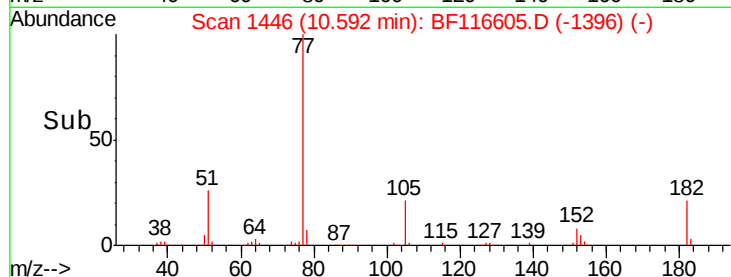
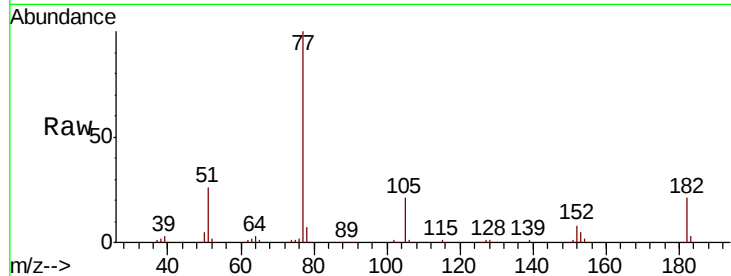
Ion Ratio Lower Upper

77 100

182 20.9 3.8 43.8

105 21.2 1.6 41.6

51 25.7 6.1 46.1

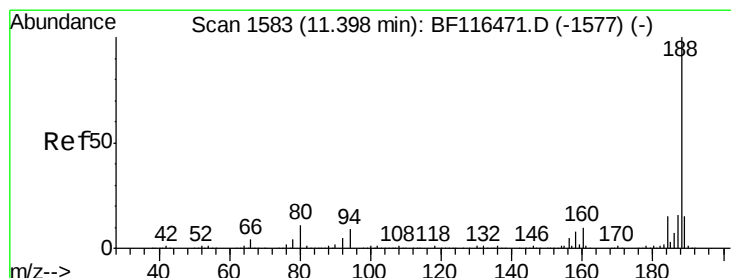
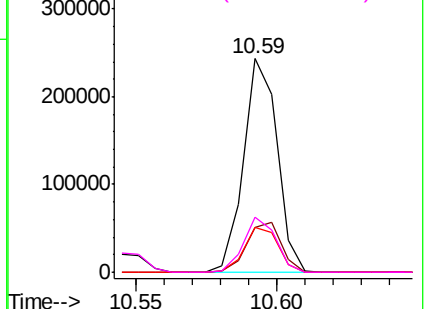


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

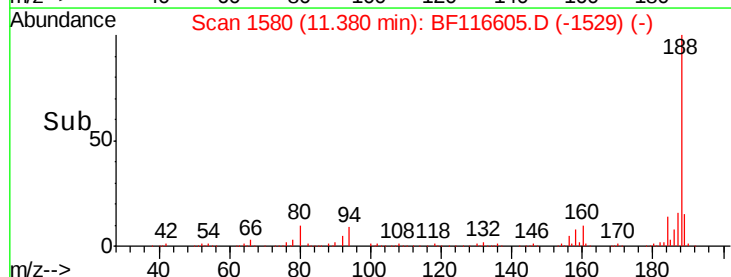
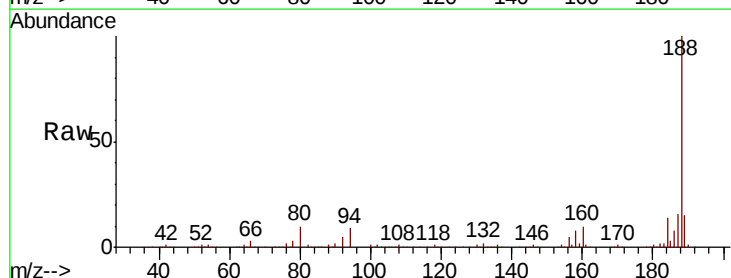
Tgt Ion: 188 Resp: 447979

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

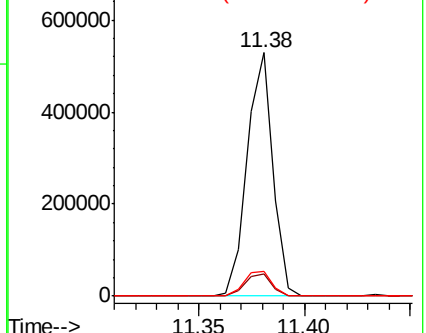
80 10.0 8.9 13.3

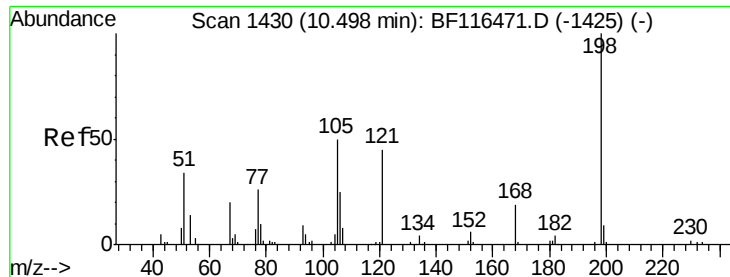


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

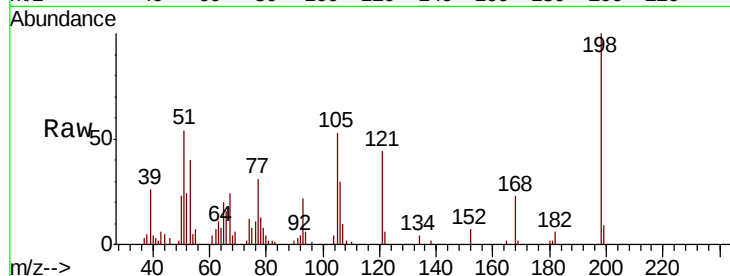




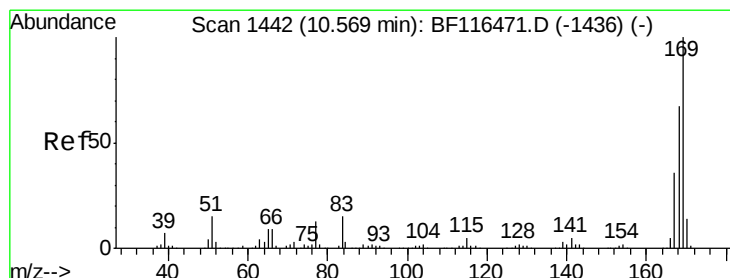
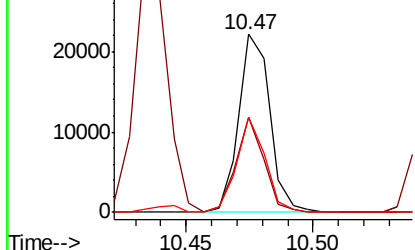
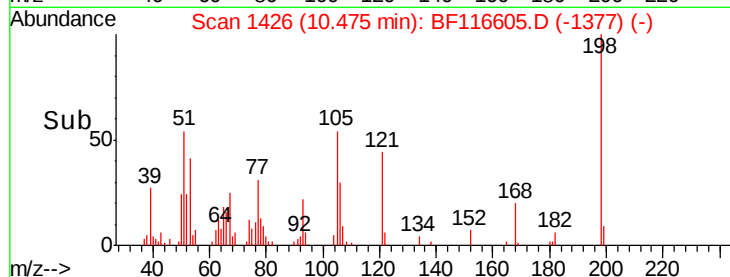
#65
 4,6-Dinitro-2-methylphenol
 Concen: 11.574 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	198	Resp	18942
Ion Ratio	Lower	Upper	
198	100		
51	53.5	21.9	61.9
105	53.0	25.2	65.2

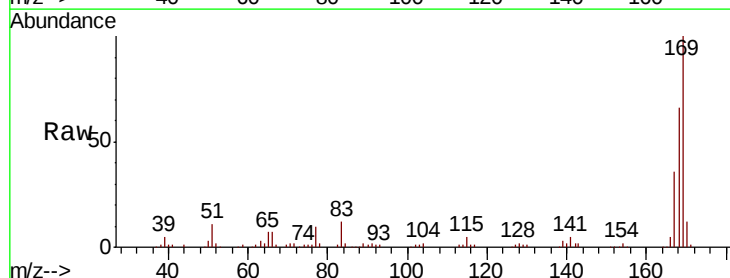


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

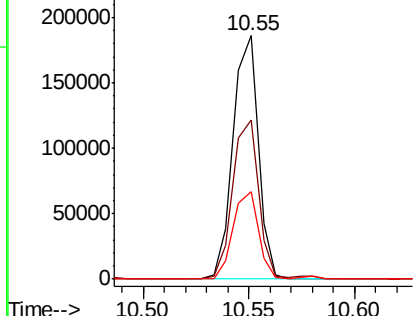
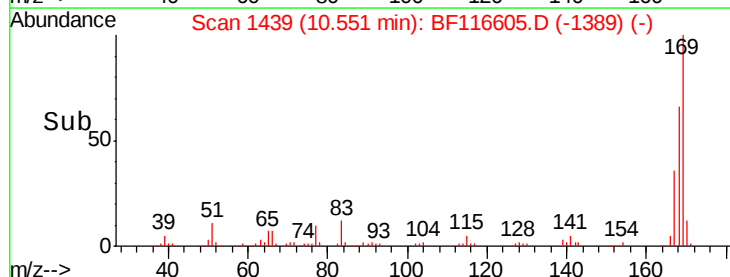


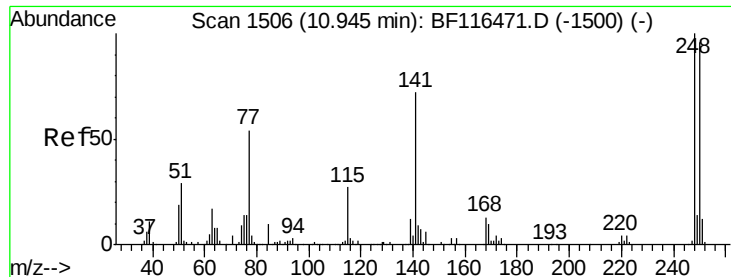
#66
 n-Nitrosodiphenylamine
 Concen: 10.600 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion	169	Resp	153757
Ion Ratio	Lower	Upper	
169	100		
168	65.5	53.8	80.8
167	35.8	29.3	43.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

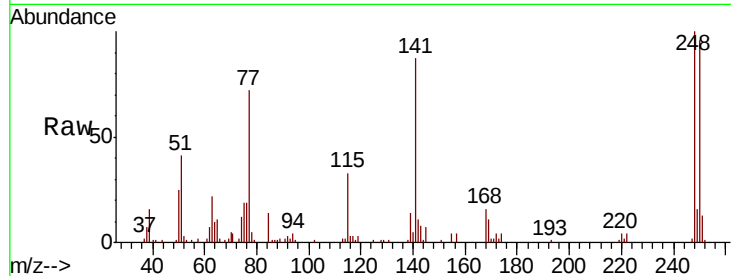




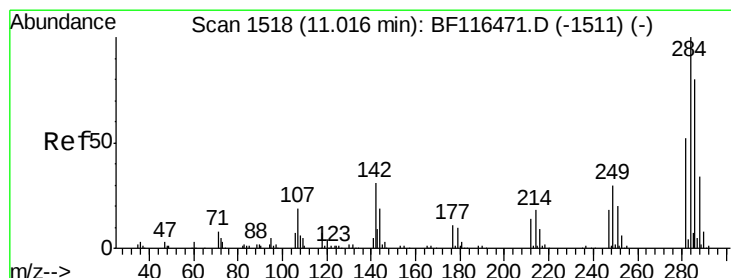
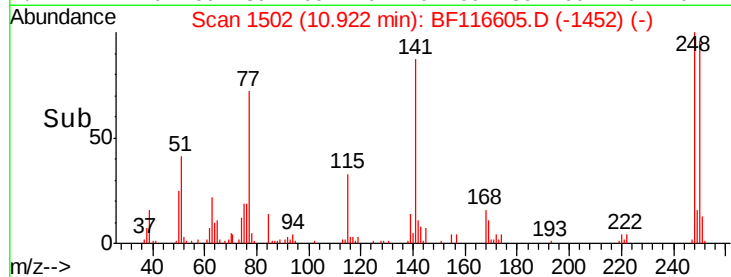
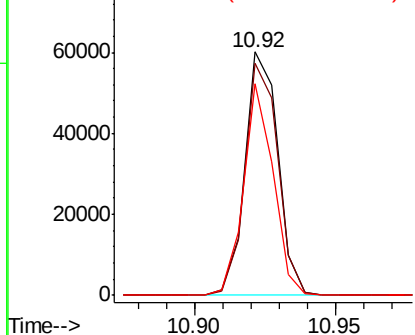
#67
4-Bromophenyl-phenylether
Concen: 10.402 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 48853
Ion Ratio Lower Upper
248 100
250 95.5 76.6 115.0
141 87.0 60.8 91.2

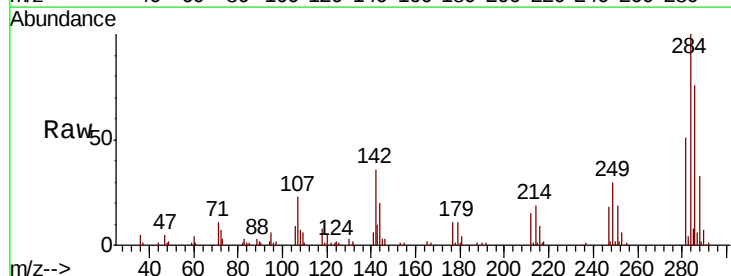


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

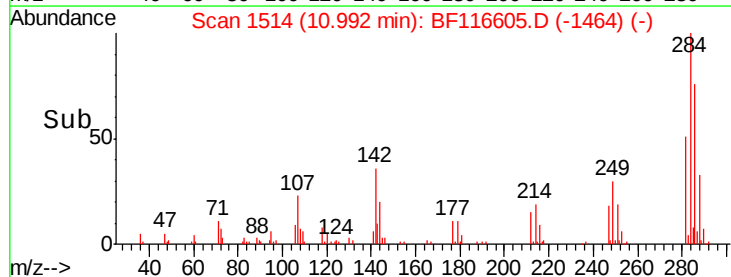
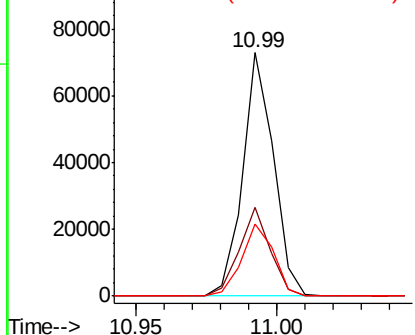


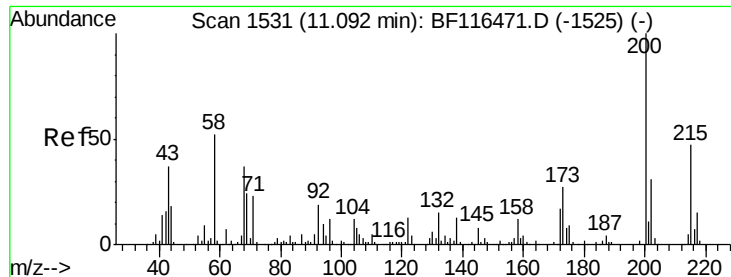
#68
Hexachlorobenzene
Concen: 10.600 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion:284 Resp: 55060
Ion Ratio Lower Upper
284 100
142 36.3 27.8 41.8
249 29.8 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

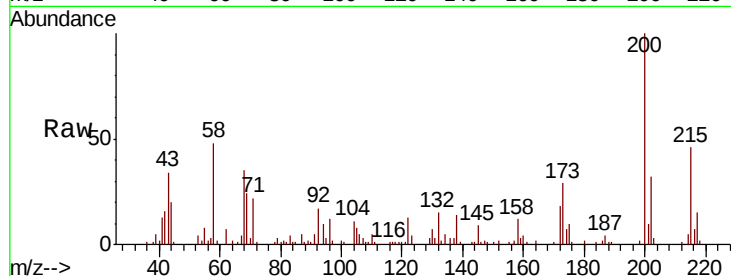




#69
Atrazine
Concen: 11.497 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	6.8	46.8
215	46.4	28.5	68.5

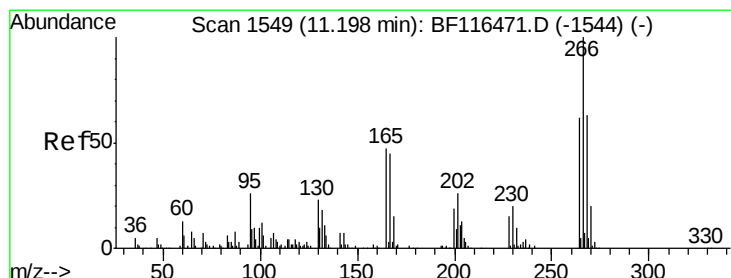
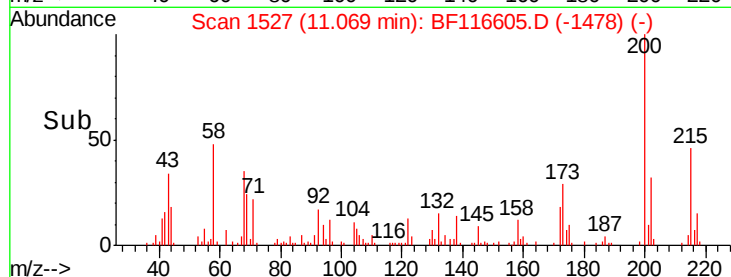
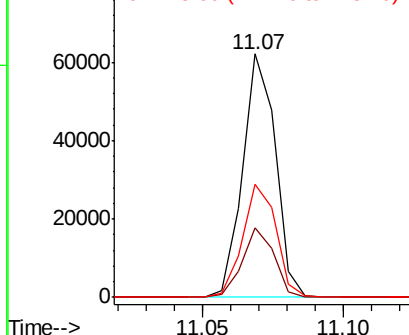


Abundance

Ion 200.00 (199.70 to 200.70): E

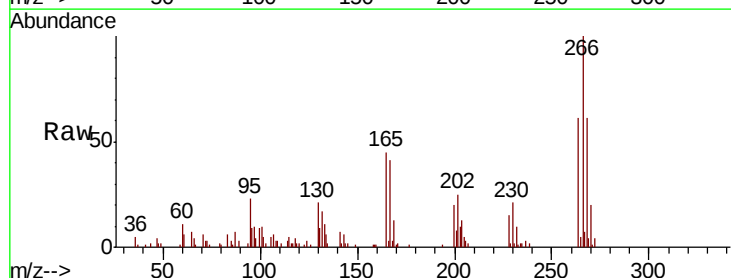
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 11.260 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	49.8	74.8
264	61.4	49.9	74.9

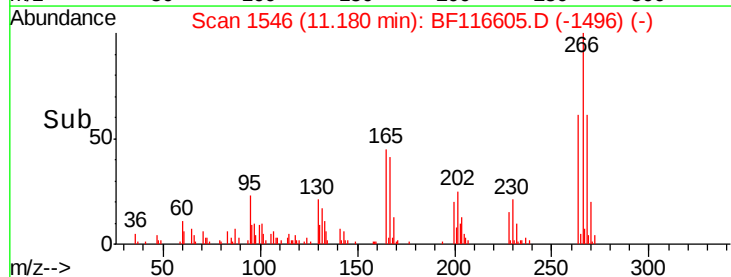
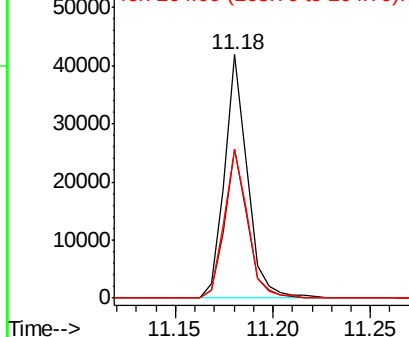


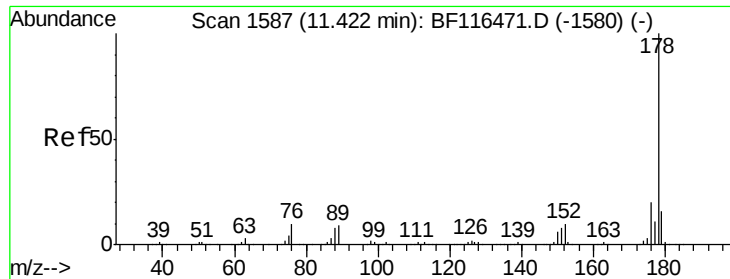
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

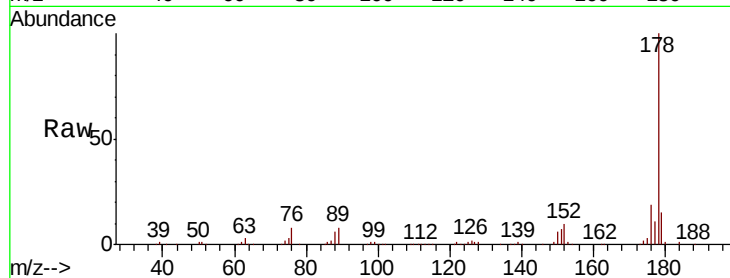




#71
Phenanthrene
Concen: 11.930 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.3	12.4	18.6

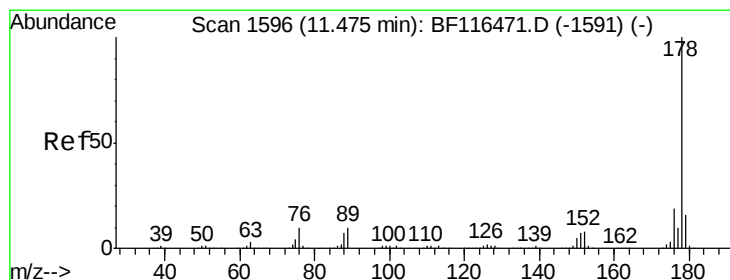
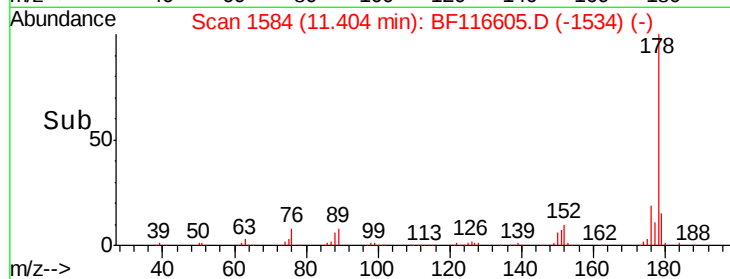
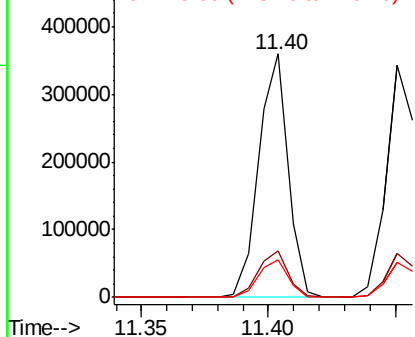


Abundance

Ion 178.00 (177.70 to 178.70): E

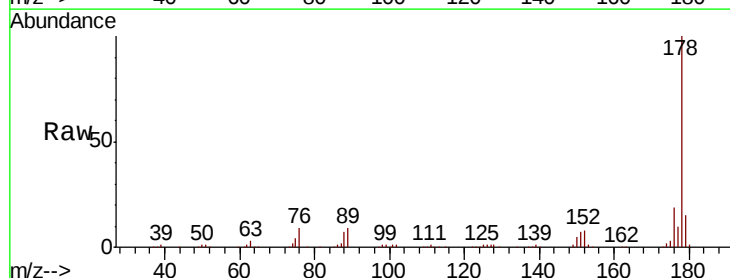
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 11.594 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.1	12.7	19.1

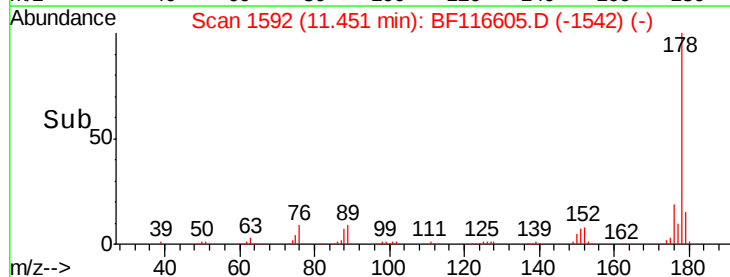
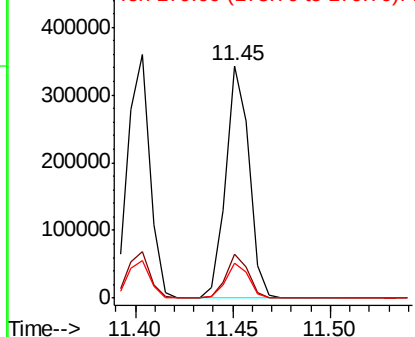


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

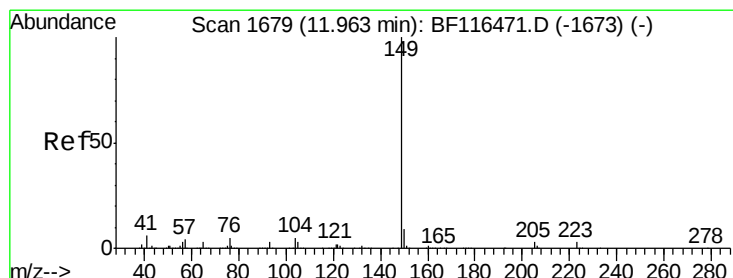
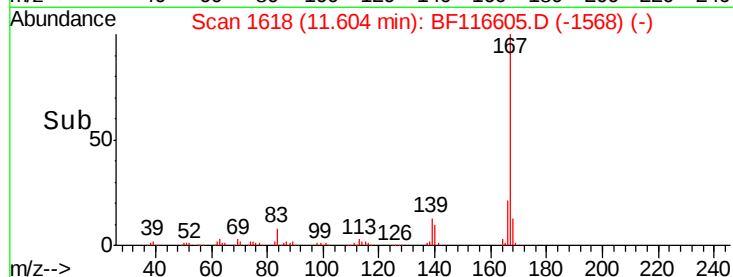
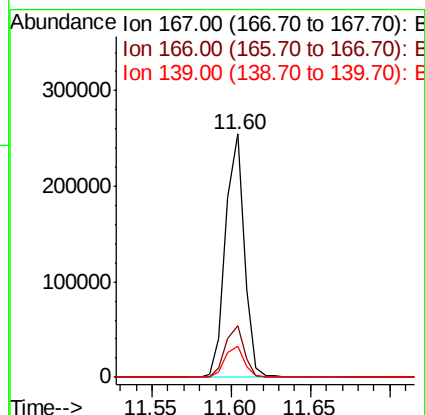
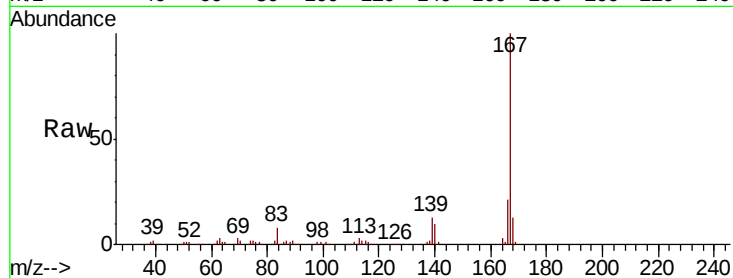




#73
 Carbazole
 Concen: 9.550 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

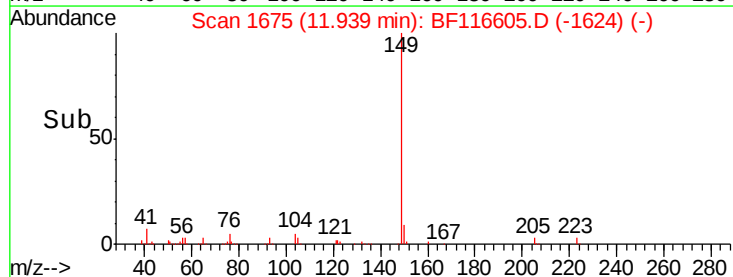
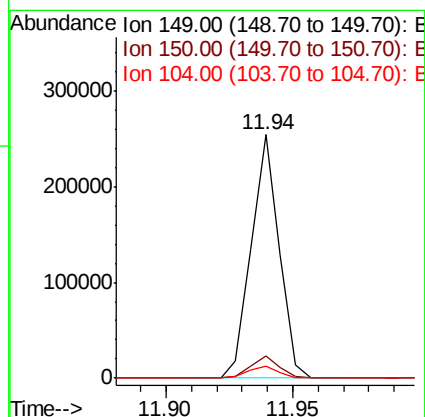
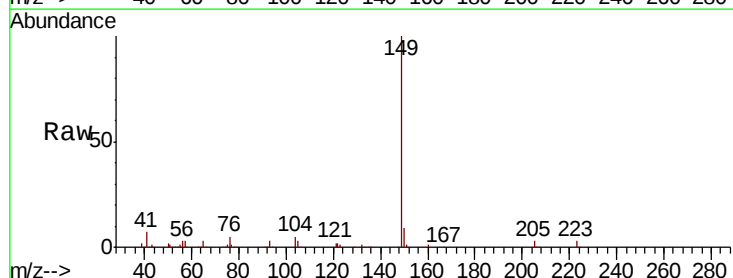
Instrument :
 BNA_F
 ClientSampleId :

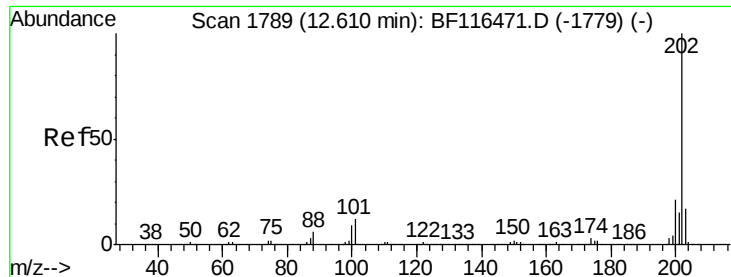
Tot Ion:167 Resp: 210221
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.9 26.9
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 7.113 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF116605.D
 Acq: 28 Aug 2019 9:27

Tgt Ion:149 Resp: 194029
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.9 4.2 6.4

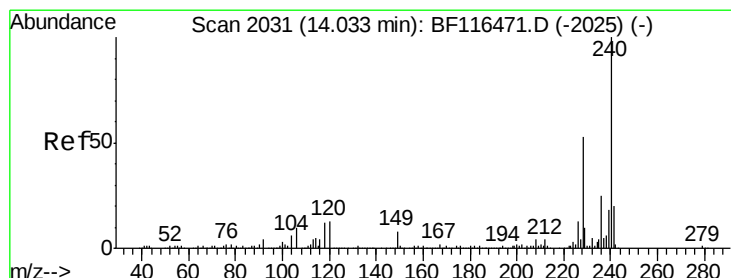
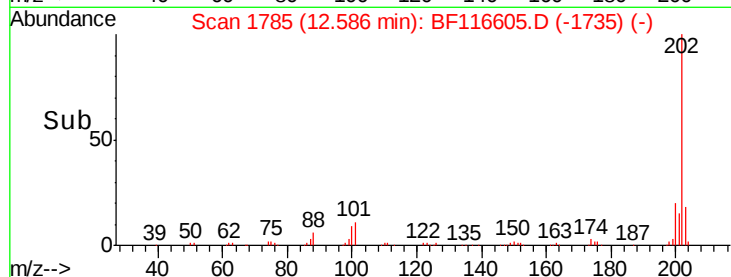
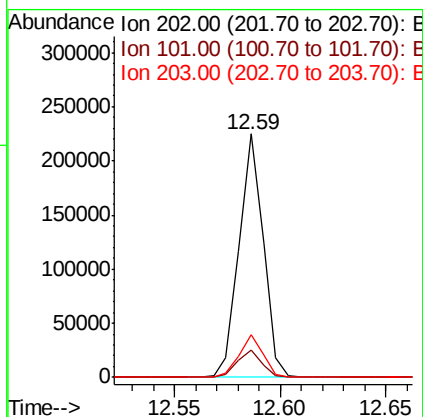
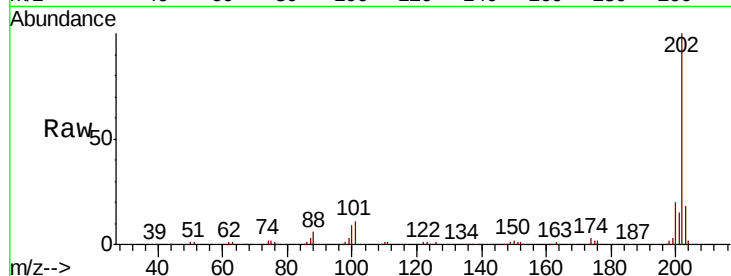




#75
Fluoranthene
Concen: 7.055 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

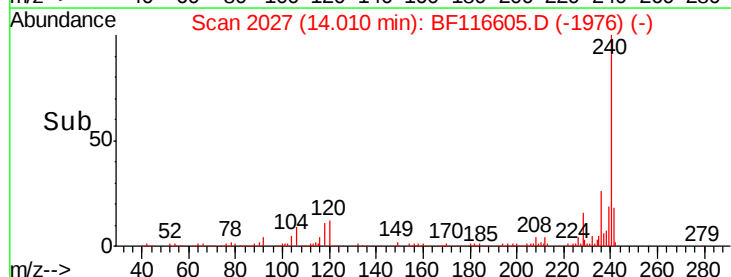
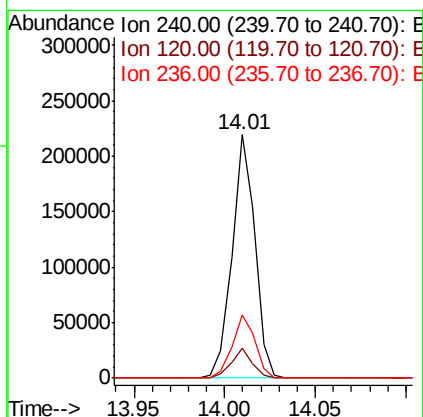
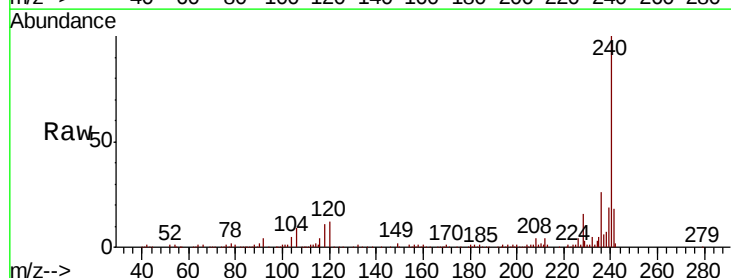
Instrument :
BNA_F
ClientSampleId :

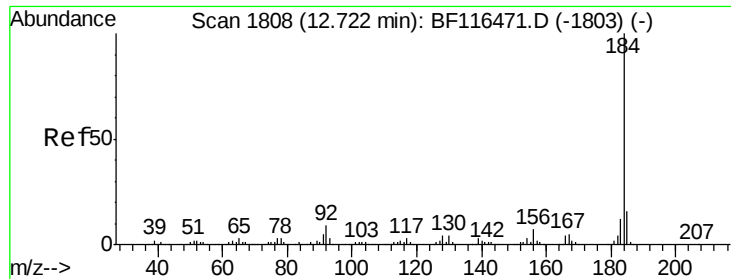
Tot Ion:	202	Resp:	177991
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	31.8
203	17.7	0.0	37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion:	240	Resp:	193103
Ion Ratio	Lower	Upper	
240	100		
120	12.2	11.3	16.9
236	26.0	21.4	32.2





#77

Benzidine

Concen: 10.282 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

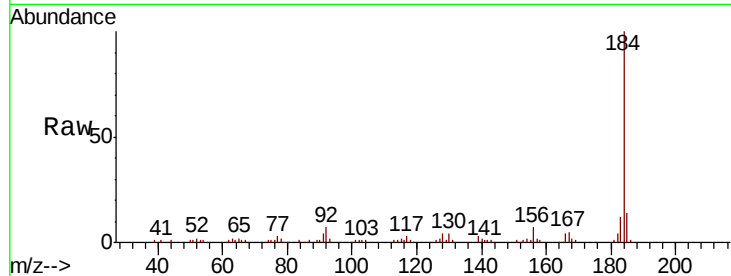
Tot Ion:184 Resp: 79885

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.8	9.3	13.9

184 100

185 14.1 11.5 17.3

183 11.8 9.3 13.9

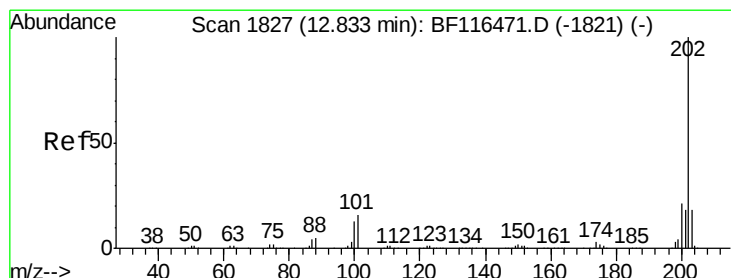
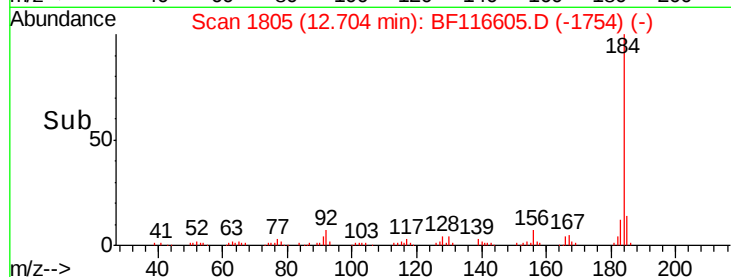
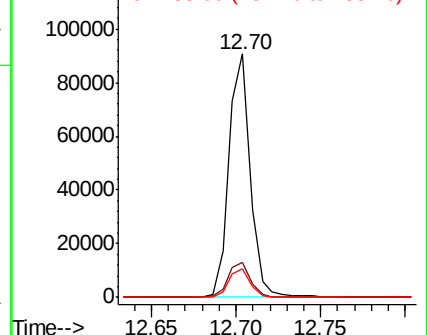


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 11.869 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

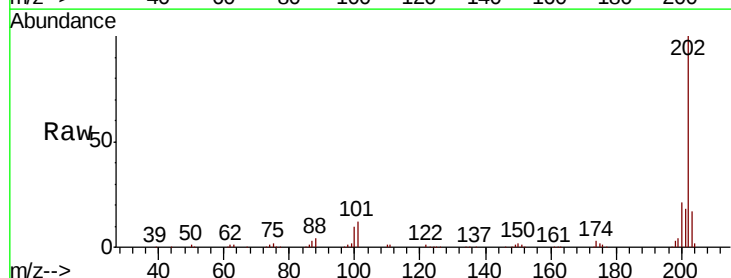
Tgt Ion:202 Resp: 183287

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.0
203	17.0	14.2	21.4

202 100

200 21.2 17.4 26.0

203 17.0 14.2 21.4

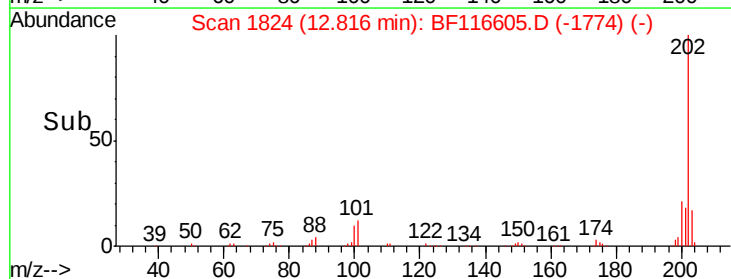
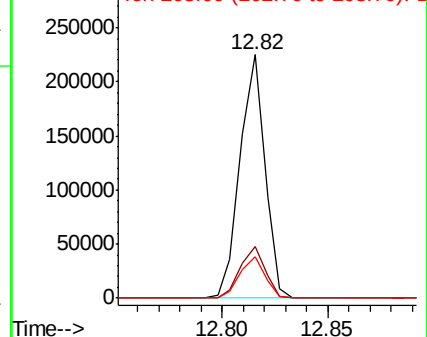


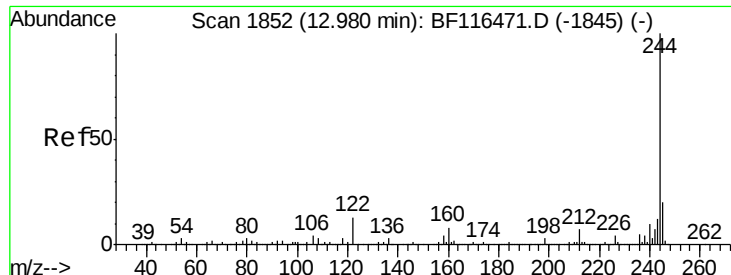
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 25.748 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

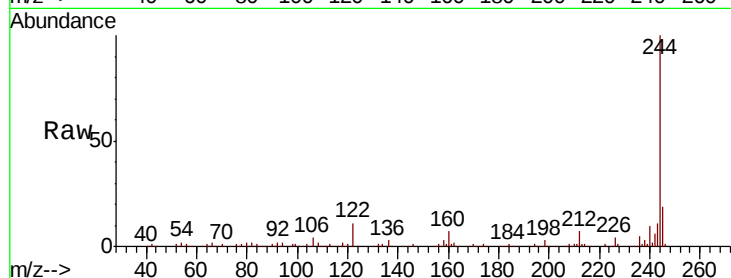
Tot Ion:244 Resp: 266186

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

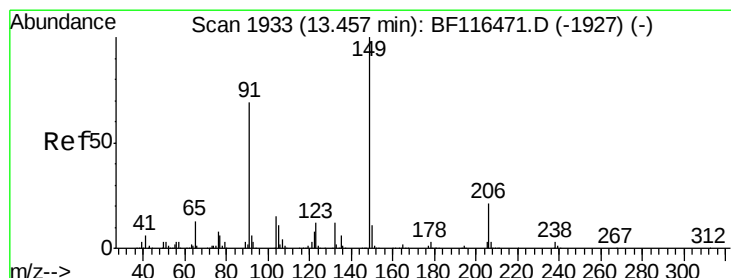
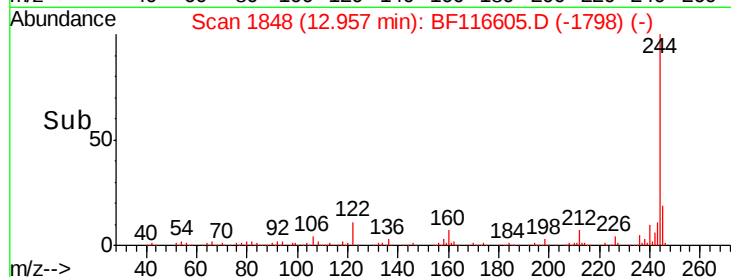
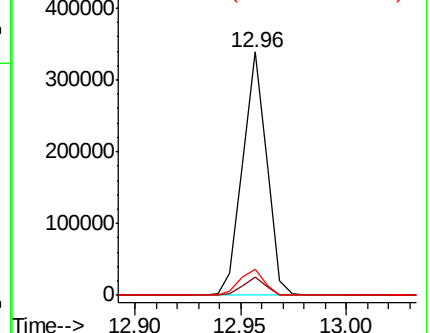
122 10.6 10.0 15.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 10.949 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

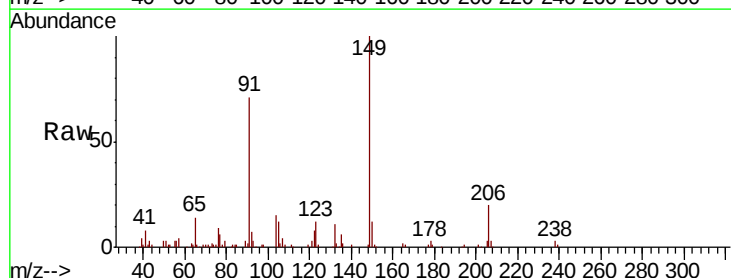
Tgt Ion:149 Resp: 73024

Ion Ratio Lower Upper

149 100

91 70.5 57.9 86.9

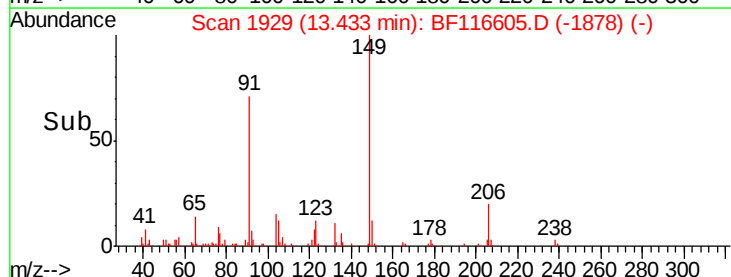
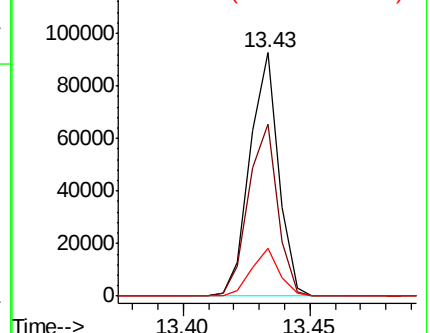
206 19.7 16.2 24.4

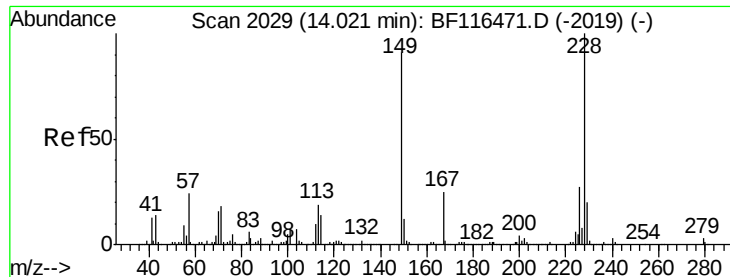


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 11.807 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

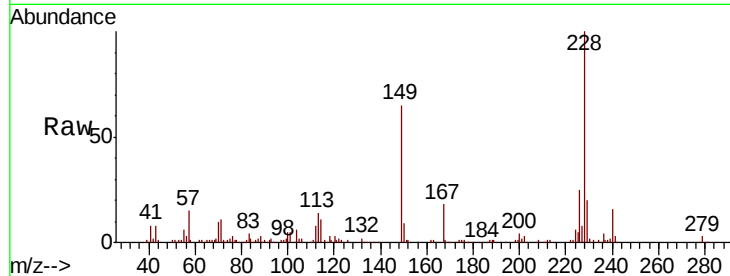
Tot Ion:228 Resp: 147668

Ion Ratio Lower Upper

228 100

226 25.5 21.5 32.3

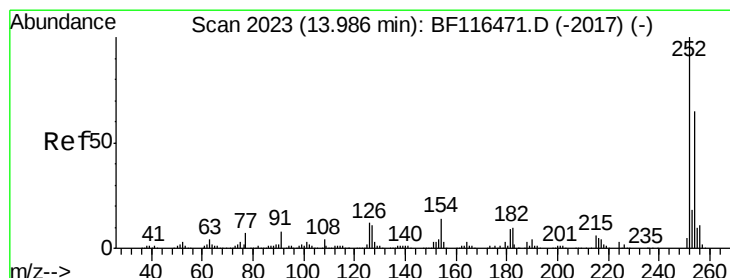
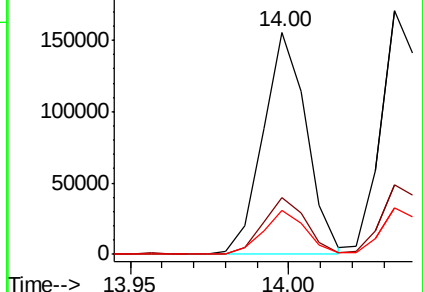
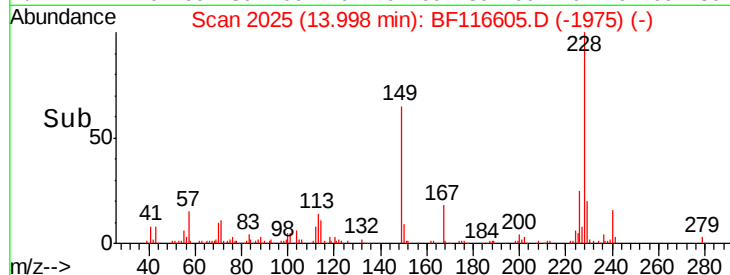
229 19.7 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.778 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

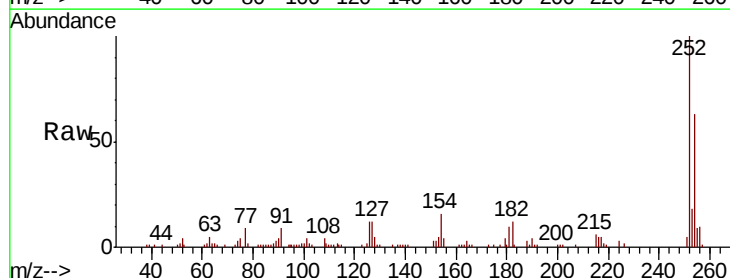
Tgt Ion:252 Resp: 48037

Ion Ratio Lower Upper

252 100

254 62.5 51.9 77.9

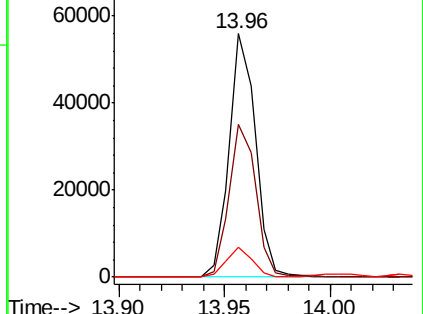
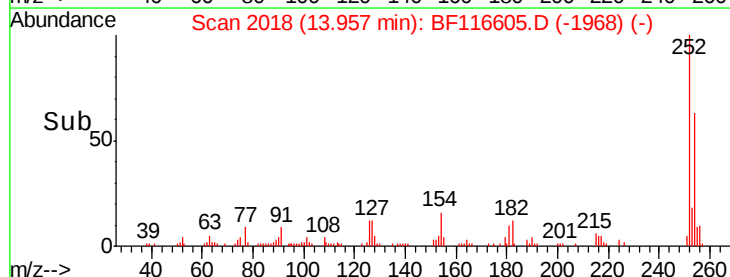
126 12.5 8.7 13.1

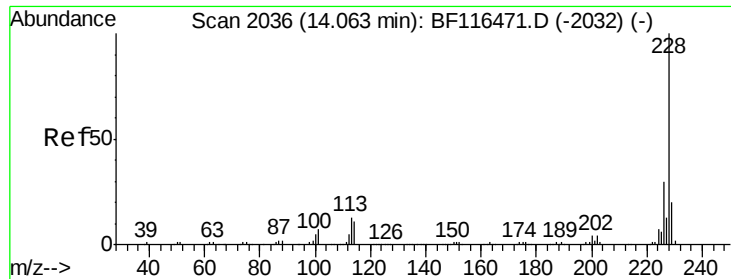


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 11.495 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

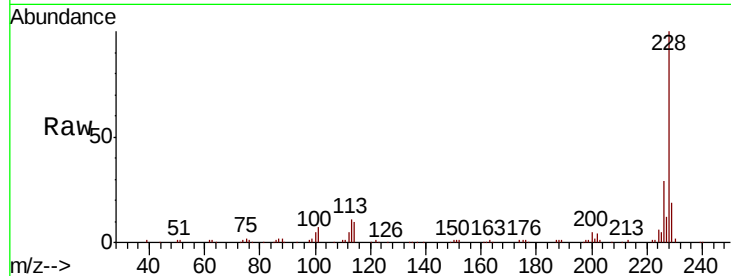
Tot Ion:228 Resp: 145712

Ion Ratio Lower Upper

228 100

226 28.5 24.0 36.0

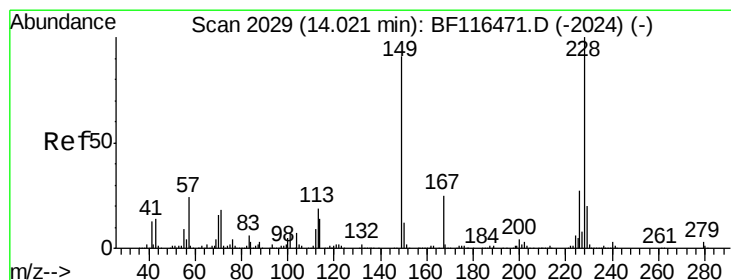
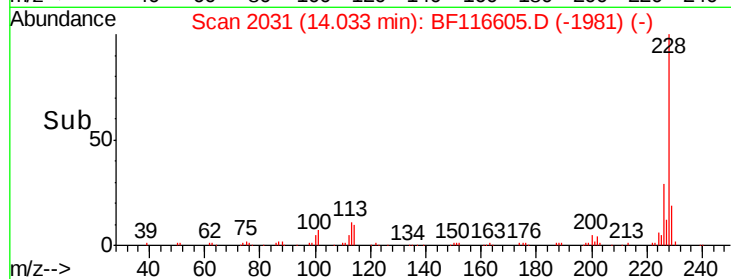
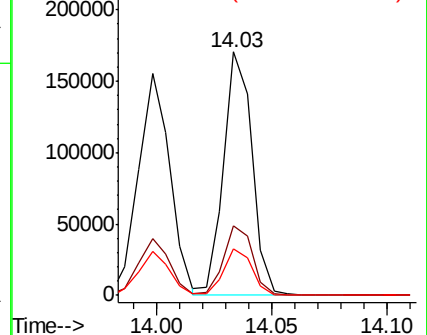
229 19.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.805 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

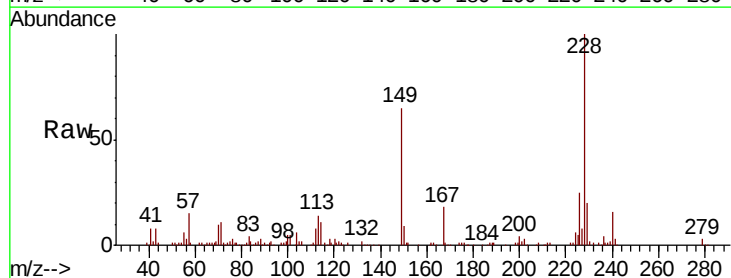
Tgt Ion:149 Resp: 87195

Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

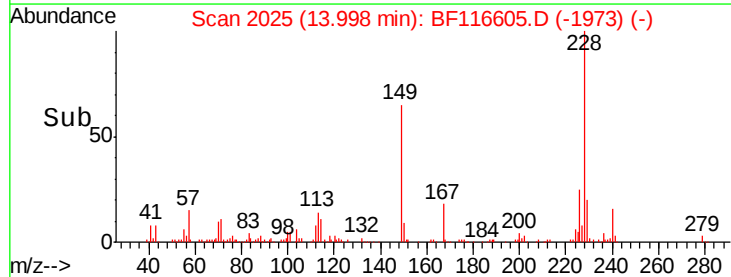
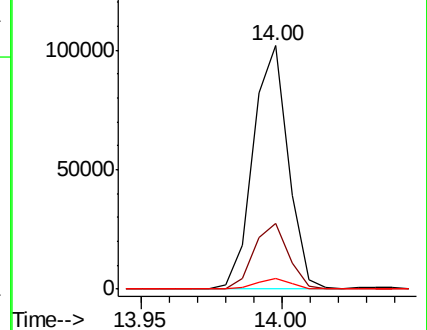
279 4.2 2.7 4.1#

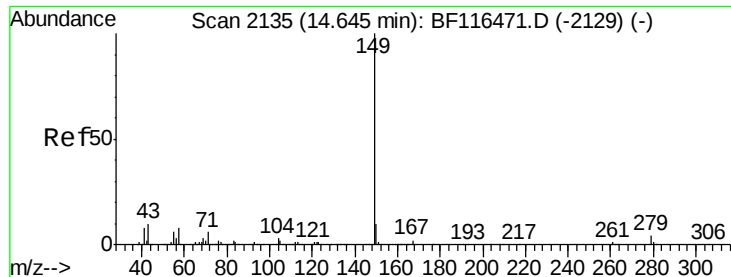


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

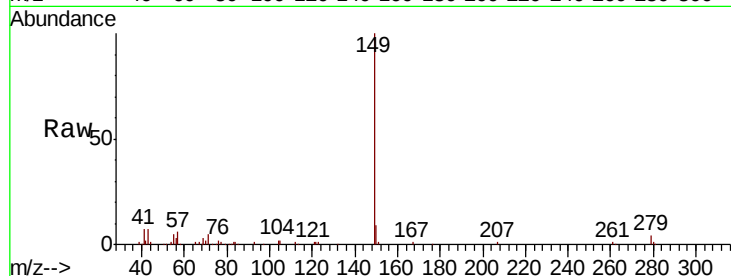




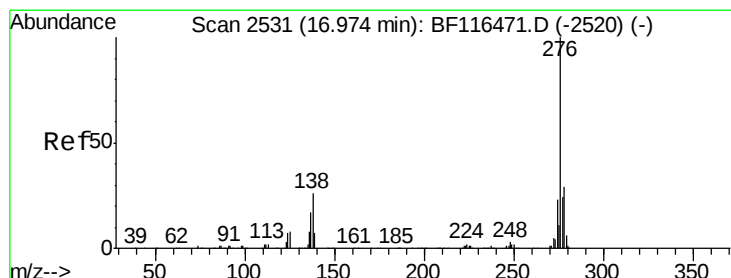
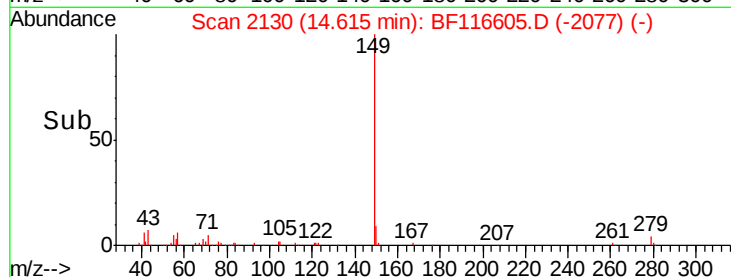
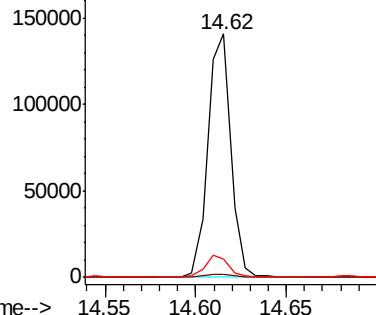
#85
Di-n-octyl phthalate
Concen: 8.231 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.9	7.4	11.0

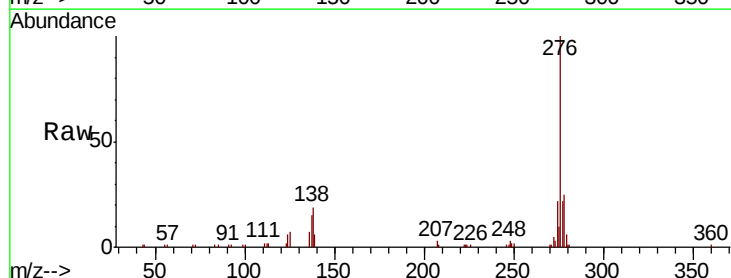


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

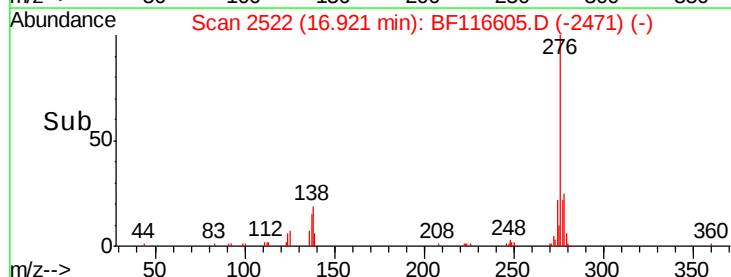
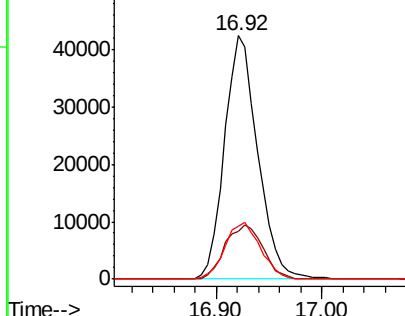


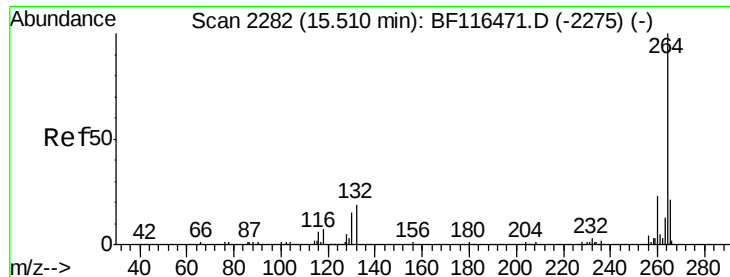
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.500 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.00 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.5	32.3
277	24.9	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

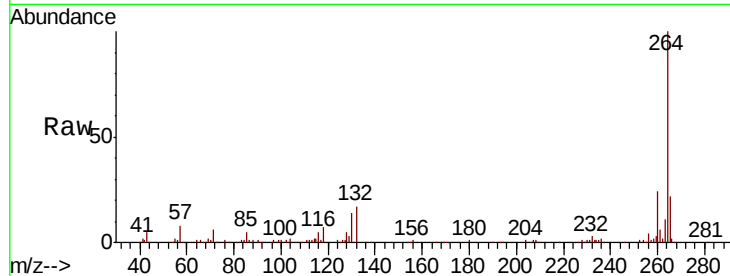




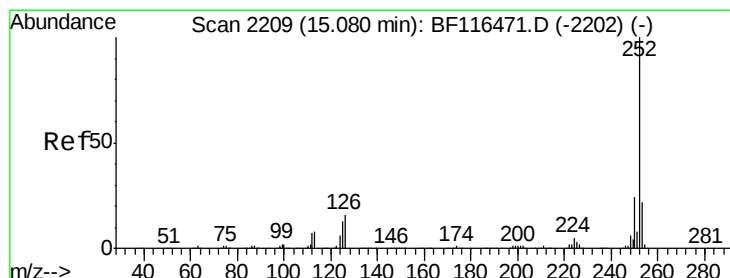
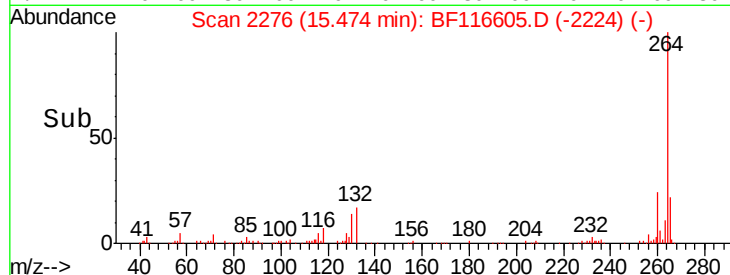
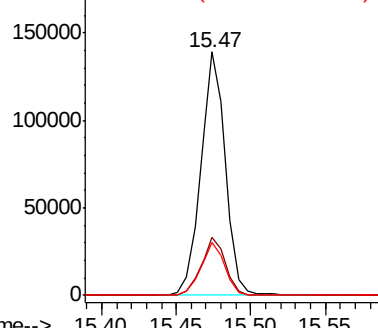
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 160018
Ion Ratio Lower Upper
264 100
260 23.6 20.0 30.0
265 21.8 17.6 26.4

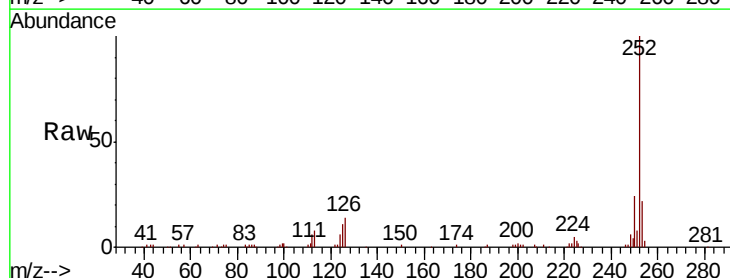


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

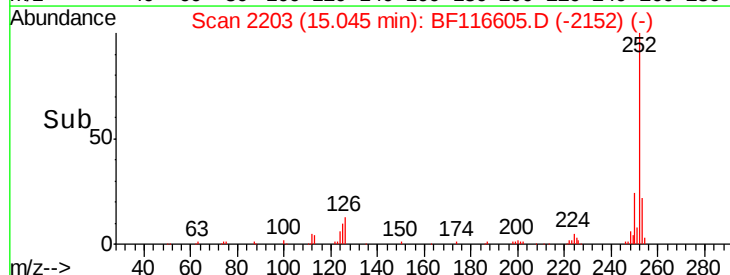
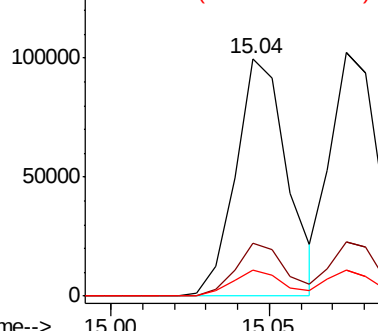


#88
Benzo(b)fluoranthene
Concen: 11.436 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion:252 Resp: 113043
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 11.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

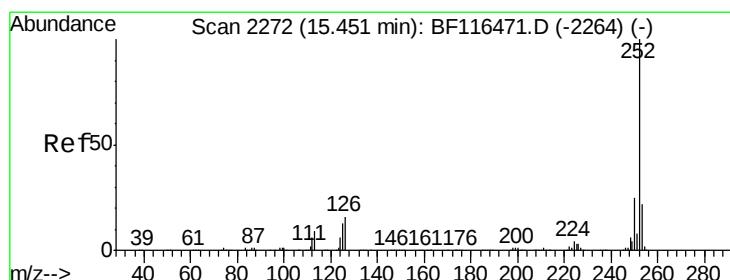
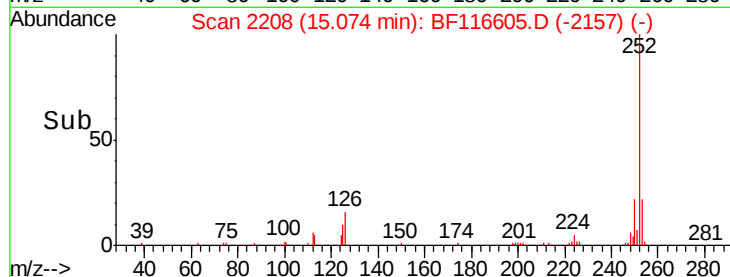
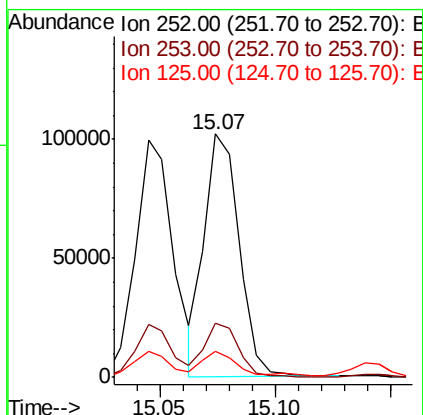
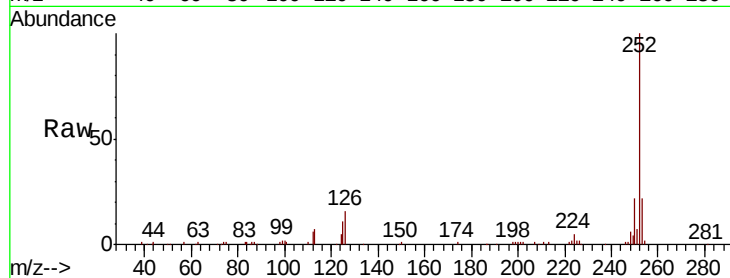




#89
Benzo(k)fluoranthene
Concen: 11.945 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

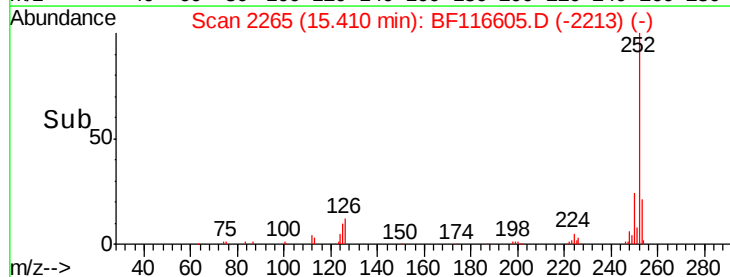
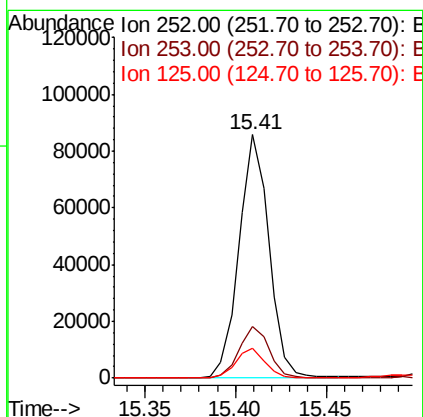
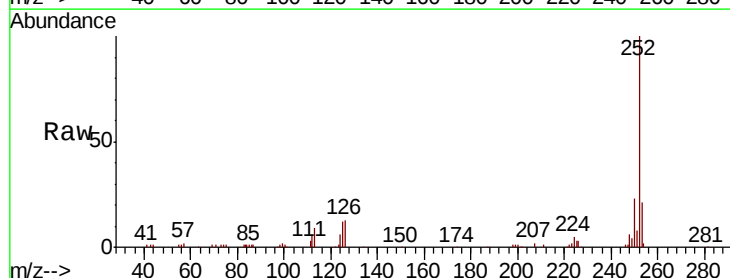
Instrument :
BNA_F
ClientSampled :

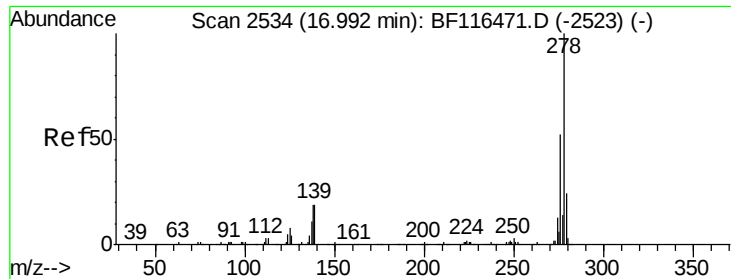
Tot Ion:252 Resp: 106975
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 10.7 8.6 13.0



#90
Benzo(a)pyrene
Concen: 11.310 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF116605.D
Acq: 28 Aug 2019 9:27

Tgt Ion:252 Resp: 98810
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 12.1 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 10.561 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

Instrument :

BNA_F

ClientSampleId :

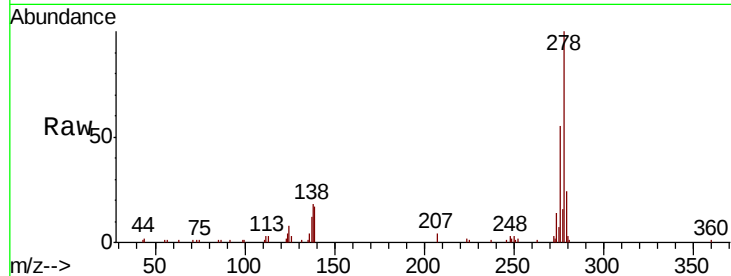
Tot Ion:278 Resp: 75815

Ion Ratio Lower Upper

278 100

139 16.6 14.1 21.1

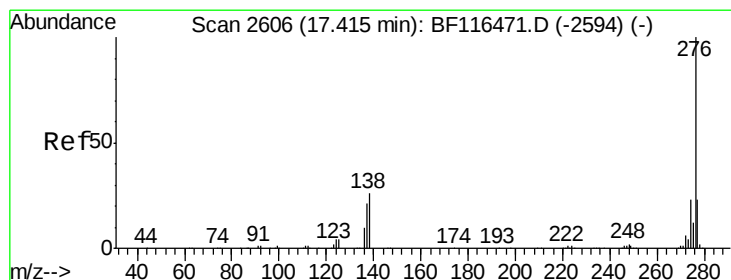
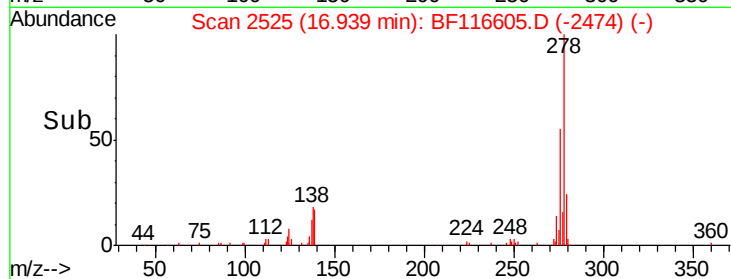
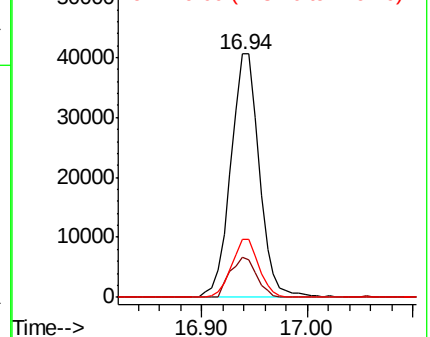
279 23.9 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 10.571 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BF116605.D

Acq: 28 Aug 2019 9:27

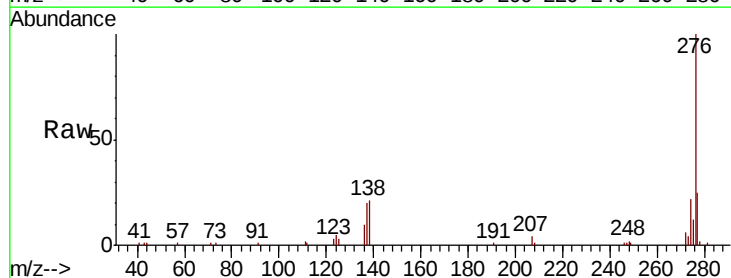
Tgt Ion:276 Resp: 72348

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.4

138 20.7 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

