

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116611.D
 Acq On : 28 Aug 2019 12:11
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 12:36:49 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	120788	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	488134	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	249131	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	406085	20.00	ng	0.00
76) Chrysene-d12	14.02	240	206428	20.00	ng	0.00
87) Perylene-d12	15.47	264	213101	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1376670	166.53	ng	0.01
7) Phenol-d6	6.51	99	1714747	169.17	ng	0.02
23) Nitrobenzene-d5	7.44	82	1655771	185.58	ng	0.01
42) 2,4,6-Tribromophenol	10.70	330	418127	195.46	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	2540938	164.25	ng	0.01
79) Terphenyl-d14	12.97	244	2269958	205.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.64	88	324234	90.588	ng	98
3) Pyridine	3.40	79	945162	86.714	ng	100
4) n-Nitrosodimethylamine	3.36	42	353420	88.821	ng	97
6) Aniline	6.55	93	1186633	86.472	ng	99
8) 2-Chlorophenol	6.66	128	733588	84.564	ng	98
9) Benzaldehyde	6.42	77	400268	59.102	ng	98
10) Phenol	6.52	94	979148	88.957	ng	83
11) bis(2-Chloroethyl)ether	6.61	93	730777	87.197	ng	99
12) 1,3-Dichlorobenzene	6.82	146	830649	88.465	ng	98
13) 1,4-Dichlorobenzene	6.89	146	841909	93.163	ng	99
14) 1,2-Dichlorobenzene	7.05	146	761892	89.370	ng	98
15) Benzyl Alcohol	7.02	79	676788	82.506	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	955556	82.463	ng	98
17) 2-Methylphenol	7.12	107	650669	90.527	ng	99
18) Hexachloroethane	7.39	117	322011	91.365	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	549324	79.422	ng	98
20) 3+4-Methylphenols	7.28	107	739358	83.972	ng	98
22) Acetophenone	7.29	105	1052239	86.206	ng	# 92
24) Nitrobenzene	7.46	77	831457	89.986	ng	97
25) Isophorone	7.70	82	1507829	85.757	ng	99
26) 2-Nitrophenol	7.77	139	411209	121.838	ng	96
27) 2,4-Dimethylphenol	7.81	122	621604	88.269	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	926970	85.370	ng	98
29) 2,4-Dichlorophenol	8.01	162	626949	93.615	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	709003	94.039	ng	99
31) Naphthalene	8.18	128	2058152	87.159	ng	99
32) Benzoic acid	7.96	122	570177	126.649	ng	98
33) 4-Chloroaniline	8.22	127	918630	88.616	ng	97
34) Hexachlorobutadiene	8.30	225	392489	95.454	ng	99
35) Caprolactam	8.62	113	166662	71.443	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	661742	87.573	ng	97
37) 2-Methylnaphthalene	8.87	142	1362578	84.040	ng	97
38) 1-Methylnaphthalene	8.96	142	1291068	85.244	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	615148	91.776	ng	98

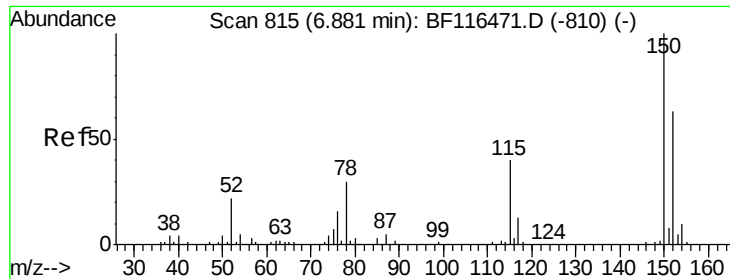
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116611.D
 Acq On : 28 Aug 2019 12:11
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 12:36:49 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	380704	105.568	nq	98
43) 2,4,6-Trichlorophenol	9.14	196	450410	96.014	nq	97
44) 2,4,5-Trichlorophenol	9.18	196	458835	96.128	nq	# 93
46) 1,1'-Biphenyl	9.33	154	1679837	84.336	nq	98
47) 2-Chloronaphthalene	9.36	162	1356262	87.830	nq	97
48) 2-Nitroaniline	9.45	65	452115	95.624	nq	92
49) Acenaphthylene	9.77	152	1950991	86.357	nq	99
50) Dimethylphthalate	9.63	163	1536691	88.407	nq	99
51) 2,6-Dinitrotoluene	9.69	165	348279	97.891	nq	99
52) Acenaphthene	9.95	154	1288439	88.877	nq	98
53) 3-Nitroaniline	9.86	138	409186	96.484	nq	93
54) 2,4-Dinitrophenol	9.96	184	194479	173.855	nq	# 39
55) Dibenzofuran	10.12	168	1718570	85.044	nq	99
56) 4-Nitrophenol	10.01	139	312810	94.897	nq	92
57) 2,4-Dinitrotoluene	10.09	165	453738	100.225	nq	95
58) Fluorene	10.46	166	1280557	81.562	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	367395	93.741	nq	98
60) Diethylphthalate	10.33	149	1461887	85.570	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	642704	83.910	nq	96
62) 4-Nitroaniline	10.48	138	397006	95.716	nq	98
63) Azobenzene	10.60	77	1452062	82.664	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	227663	153.456	nq	93
66) n-Nitrosodiphenylamine	10.56	169	1192643	90.703	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	406435	95.467	nq	97
68) Hexachlorobenzene	11.00	284	451575	95.901	nq	95
69) Atrazine	11.09	200	336252	85.351	nq	97
70) Pentachlorophenol	11.19	266	277091	100.860	nq	99
71) Phenanthrene	11.42	178	1905777	86.149	nq	99
72) Anthracene	11.46	178	1917924	86.279	nq	99
73) Carbazole	11.62	167	1651257	82.755	nq	99
74) Di-n-butylphthalate	11.95	149	2021860	81.772	nq	99
75) Fluoranthene	12.60	202	1781704	77.902	nq	97
77) Benzidine	12.70	184	440110	52.992	nq	# 94
78) Pyrene	12.83	202	1781145	107.894	nq	99
80) Butylbenzylphthalate	13.44	149	698715	98.005	nq	95
81) Benzo(a)anthracene	14.00	228	1254212	93.811	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	397254	83.379	nq	99
83) Chrysene	14.04	228	1246640	91.996	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	827110	87.003	nq	99
85) Di-n-octyl phthalate	14.61	149	1302161	80.681	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1447156	124.669	nq	99
88) Benzo(b)fluoranthene	15.05	252	1167188	88.663	nq	99
89) Benzo(k)fluoranthene	15.08	252	1113350	93.353	nq	98
90) Benzo(a)pyrene	15.42	252	1078814	92.723	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	1159168	121.246	nq	98
92) Benzo(g,h,i)perylene	17.39	276	1225081	134.412	nq	98

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

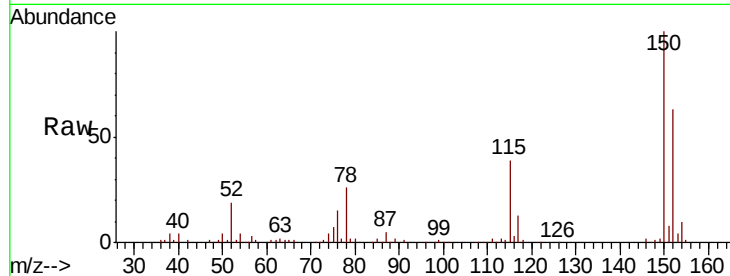


#1

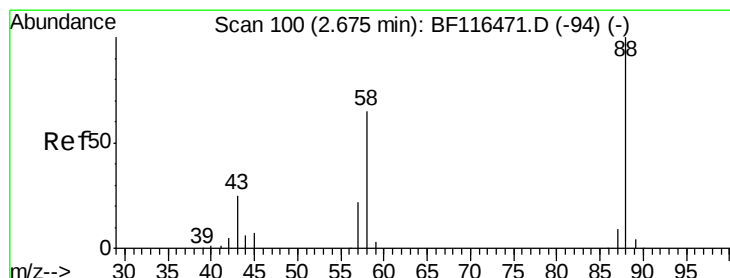
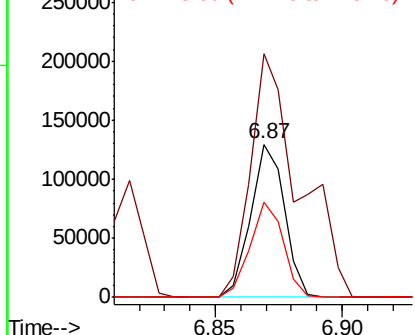
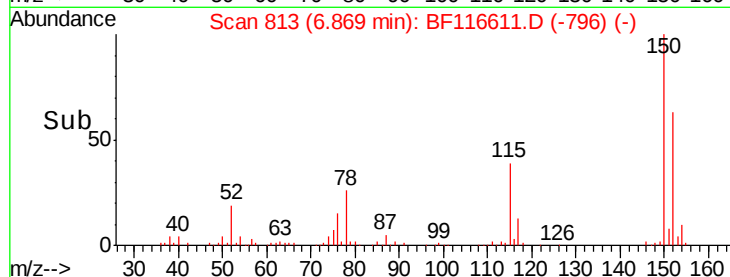
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120788
Ion Ratio Lower Upper
152 100
150 158.9 123.4 185.2
115 62.5 48.2 72.2



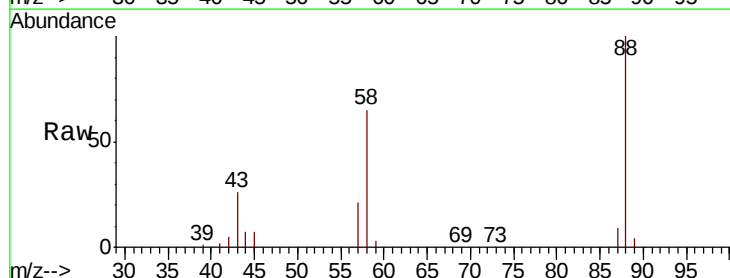
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



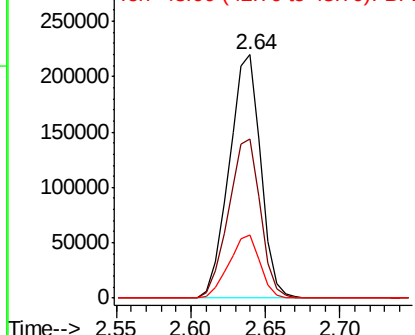
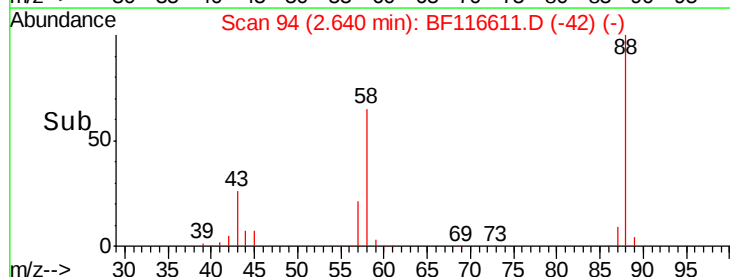
#2

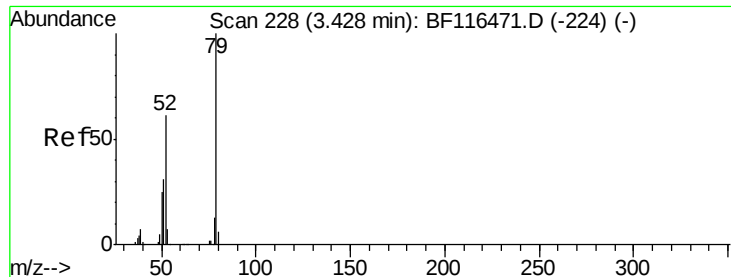
1,4-Dioxane
Concen: 90.588 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Tgt Ion: 88 Resp: 324234
Ion Ratio Lower Upper
88 100
58 66.2 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: 86.714 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampled :

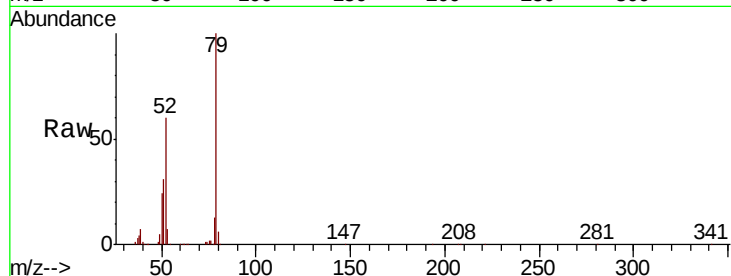
Tot Ion: 79 Resp: 945162

Ion Ratio Lower Upper

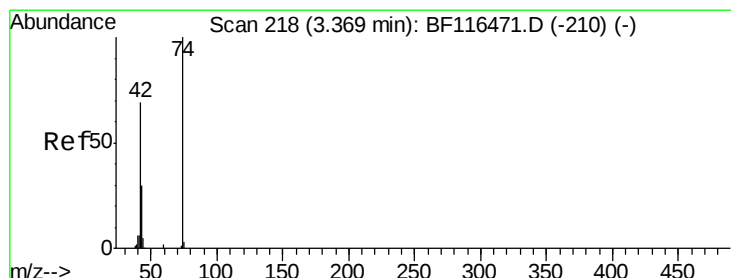
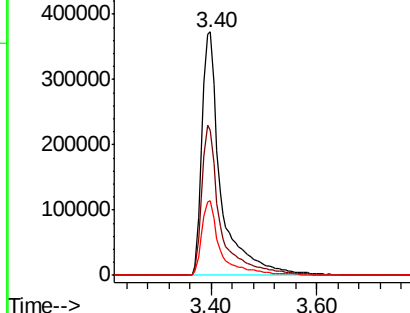
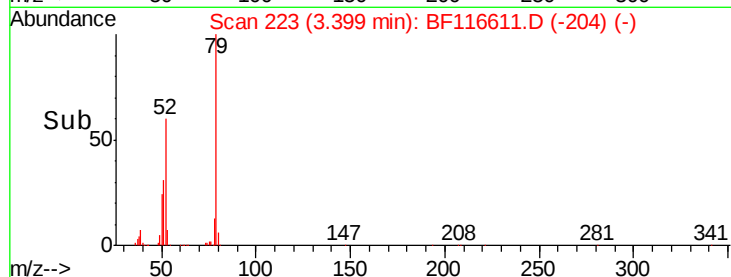
79 100

52 59.7 47.9 71.9

51 30.8 24.4 36.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 88.821 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.04 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

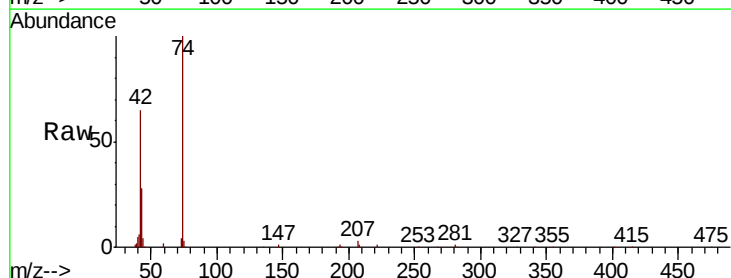
Tgt Ion: 42 Resp: 353420

Ion Ratio Lower Upper

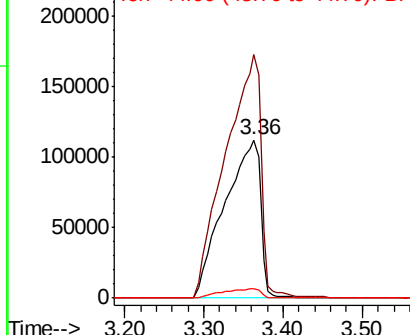
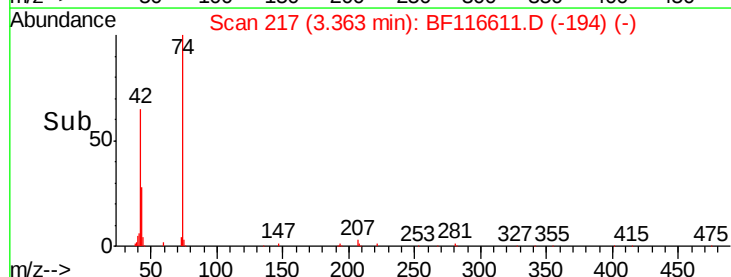
42 100

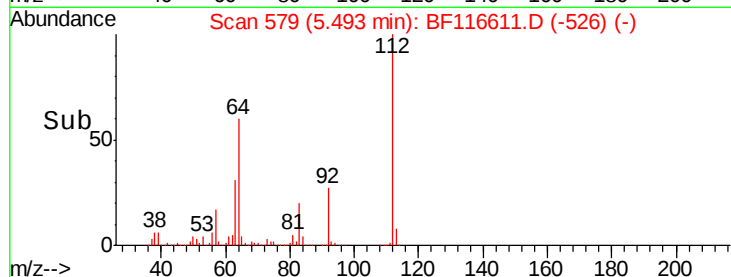
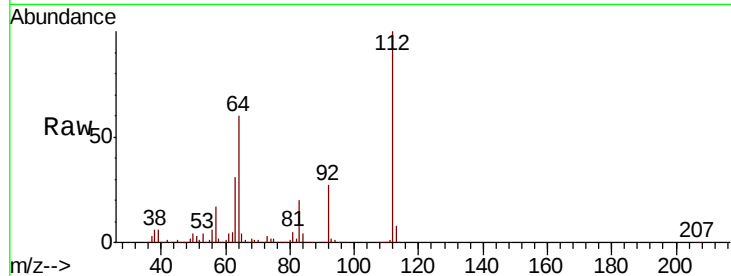
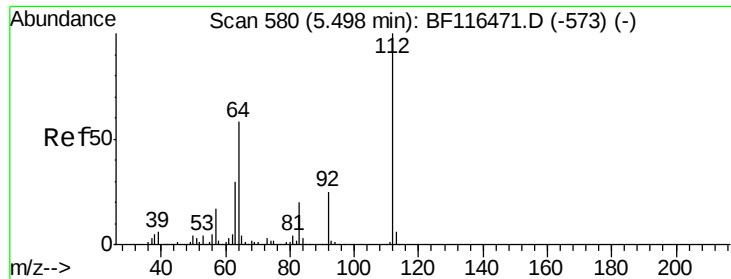
74 153.8 120.0 180.0

44 6.1 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 166.533 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampled :

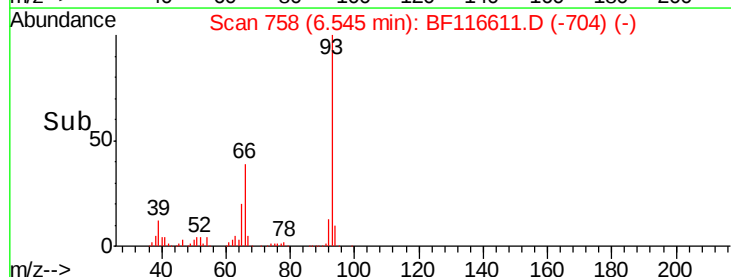
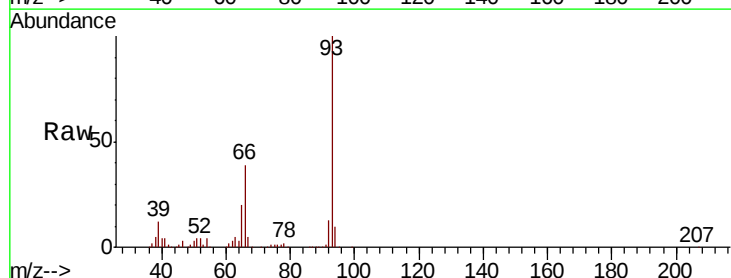
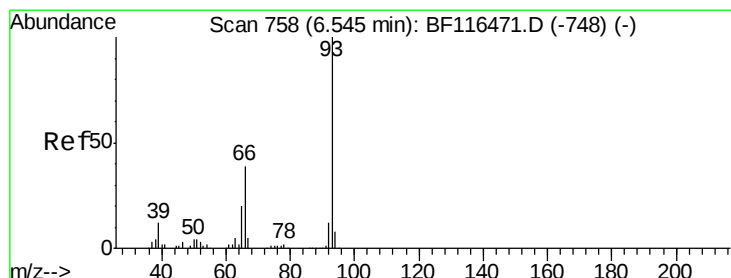
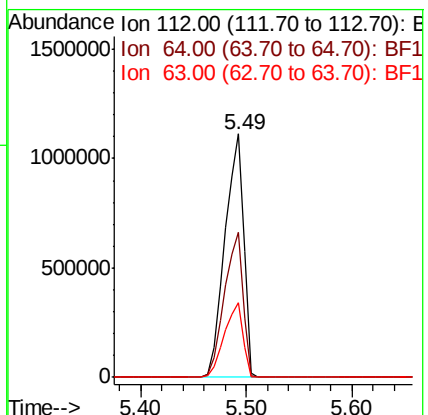
Tot Ion:112 Resp: 1376670

Ion Ratio Lower Upper

112 100

64 59.7 48.0 72.0

63 30.9 24.6 36.8



#6

Aniline

Concen: 86.472 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

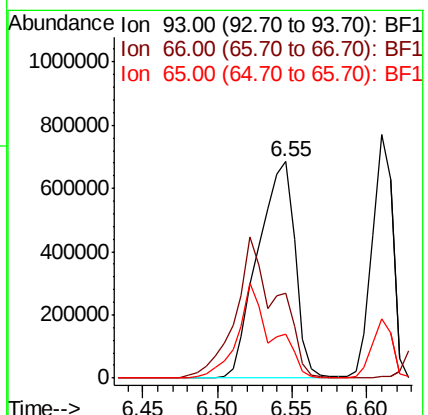
Tgt Ion: 93 Resp: 1186633

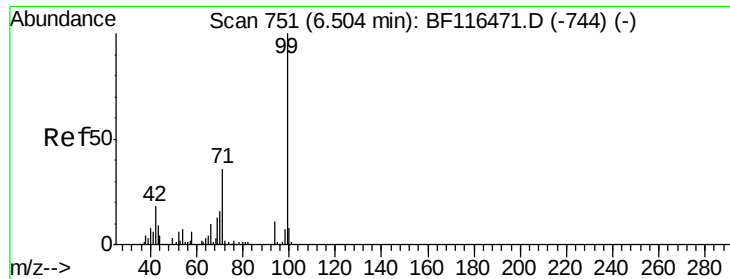
Ion Ratio Lower Upper

93 100

66 39.1 32.1 48.1

65 20.2 16.2 24.4





#7

Phenol-d6

Concen: 169.172 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

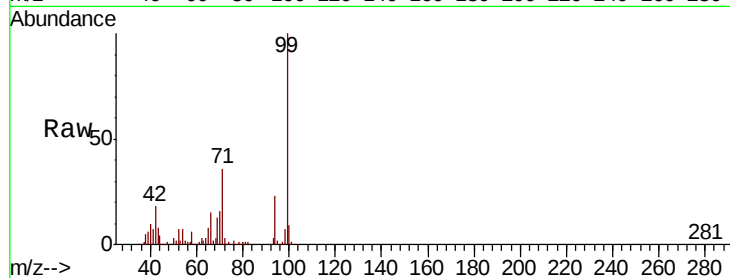
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1714747

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.2	19.8
71	36.0	27.4	41.2

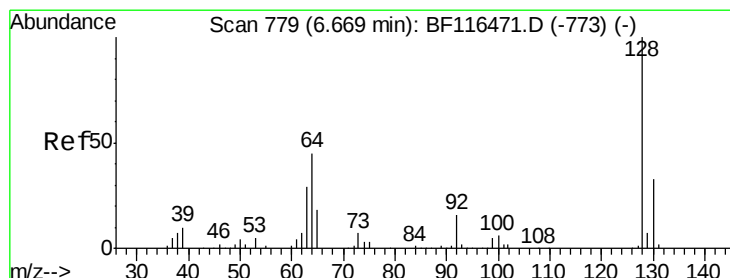
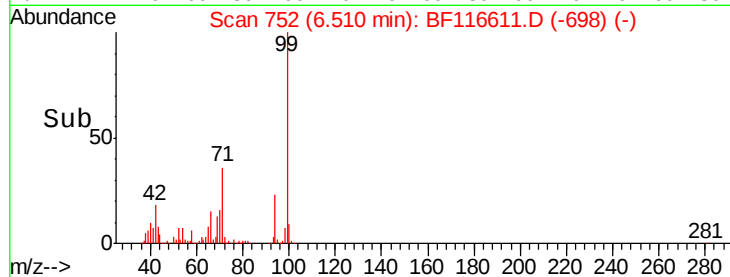


Abundance

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: 84.564 ng

RT: 6.66 min Scan# 778

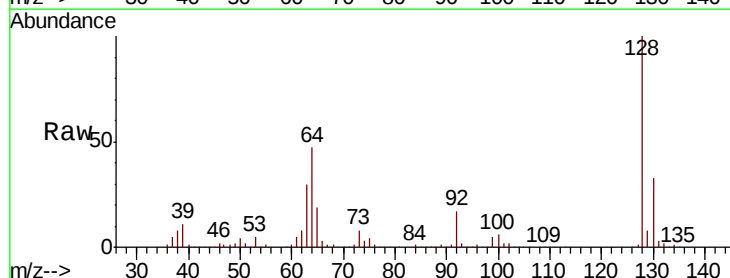
Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Tgt Ion: 128 Resp: 733588

Ion	Ratio	Lower	Upper
128	100		
130	33.2	11.8	51.8
64	47.5	26.9	66.9

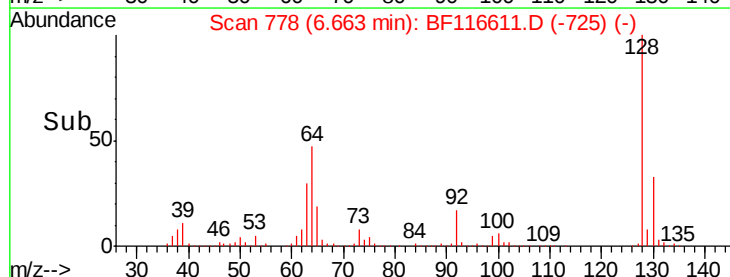


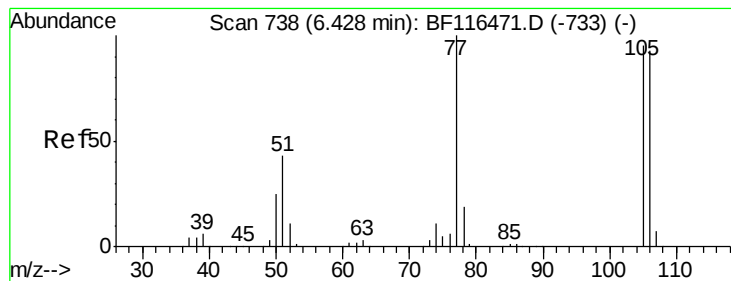
Abundance

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: 59.102 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

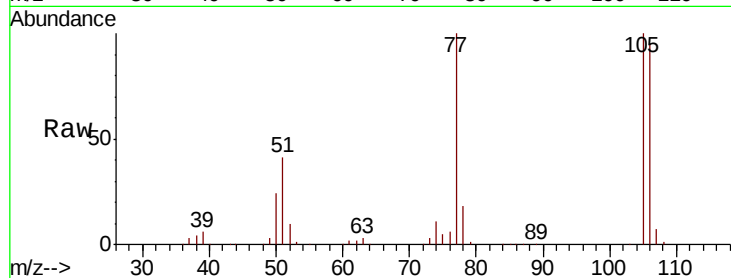
Tot Ion: 77 Resp: 400268

Ion Ratio Lower Upper

77 100

105 100.3 81.6 121.6

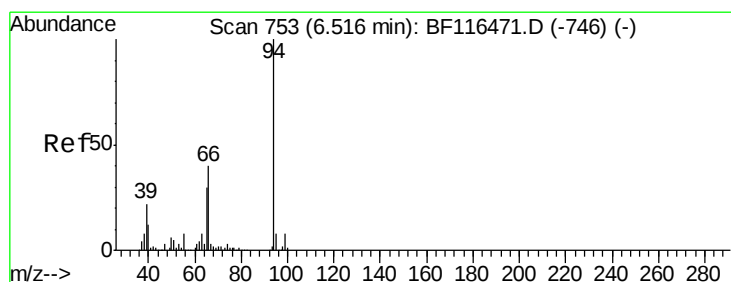
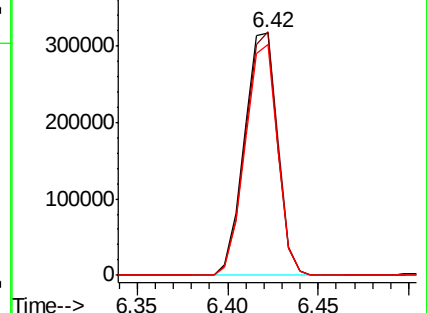
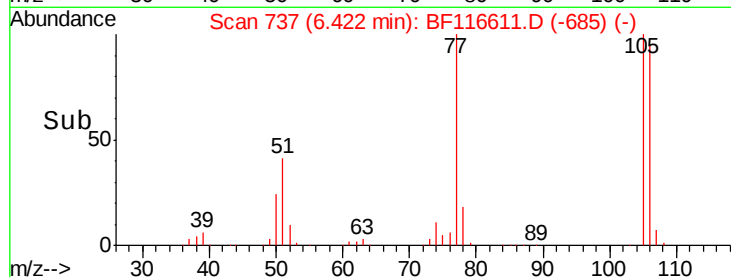
106 95.2 77.1 117.1



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: 88.957 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

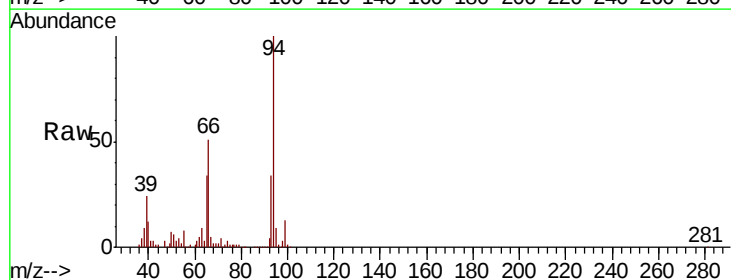
Tgt Ion: 94 Resp: 979148

Ion Ratio Lower Upper

94 100

65 34.5 8.6 48.6

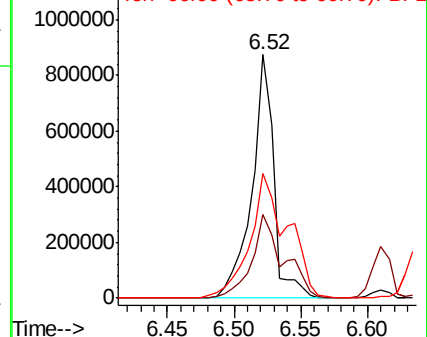
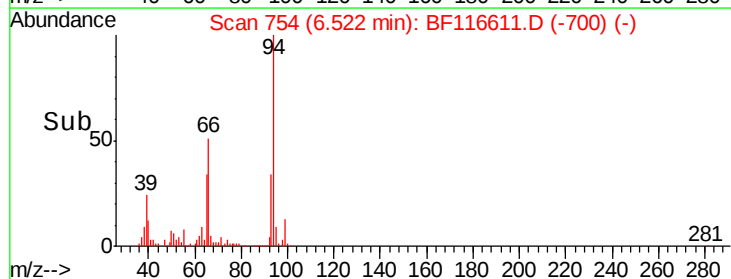
66 51.1 18.0 58.0

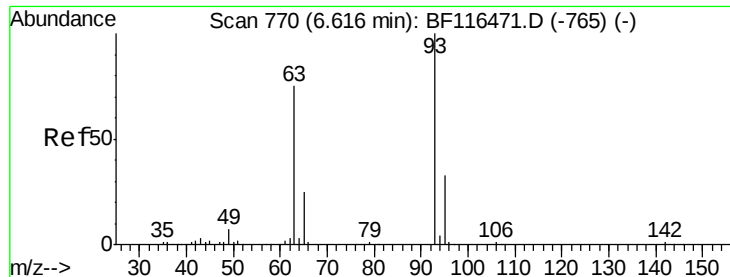


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

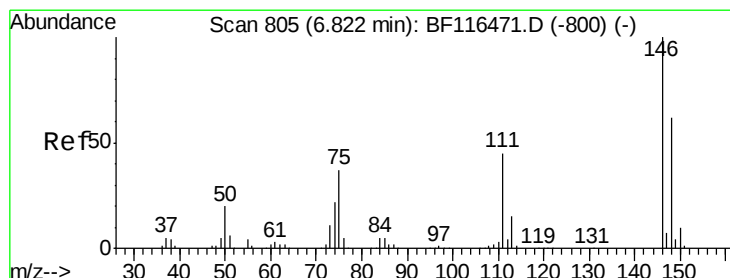
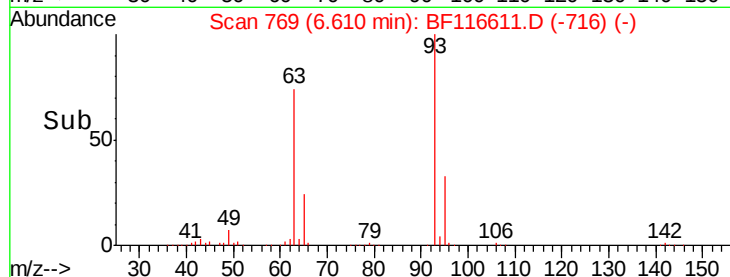
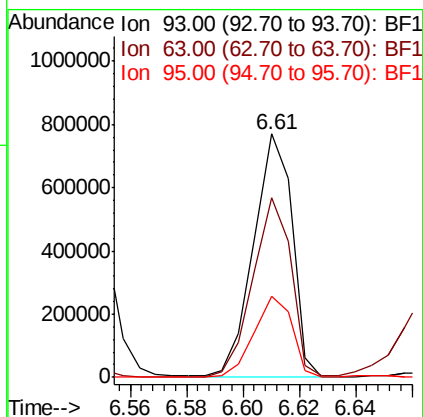
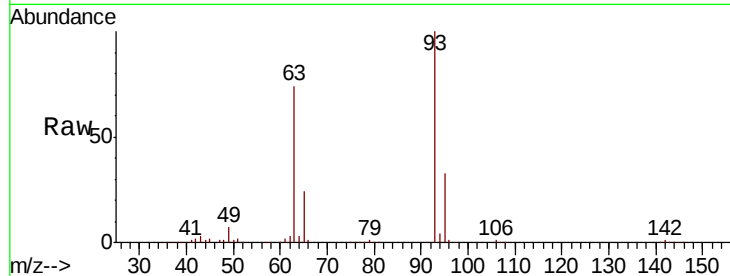




#11
bis(2-Chloroethyl)ether
Concen: 87.197 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

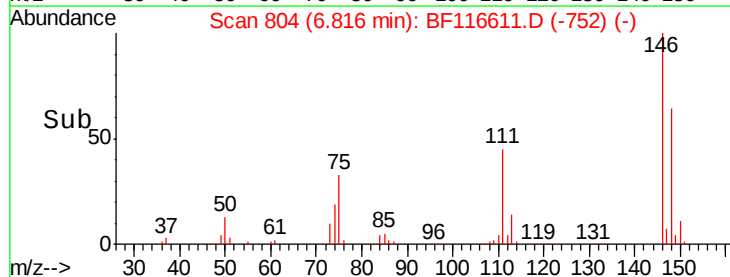
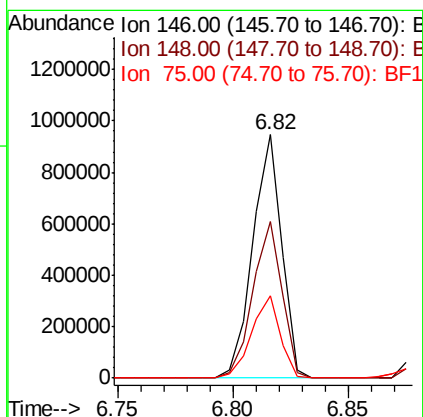
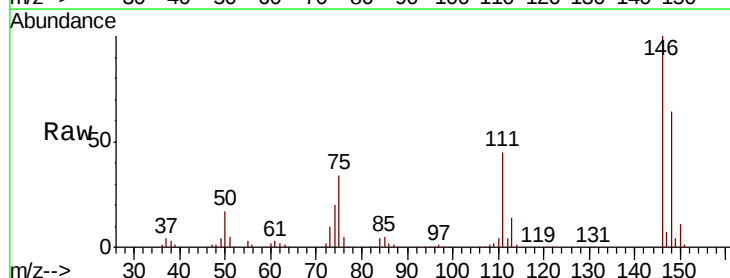
Instrument :
BNA_F
ClientSampled :

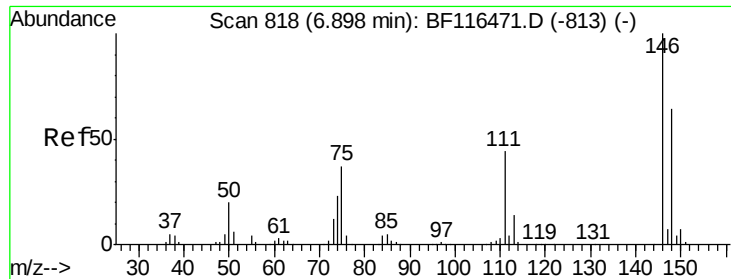
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.8	54.7	94.7
95	33.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 88.465 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
75	33.6	25.1	37.7

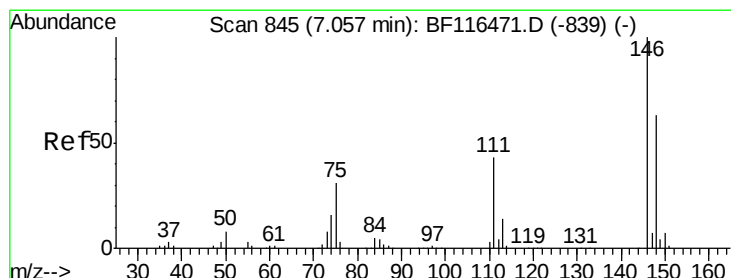
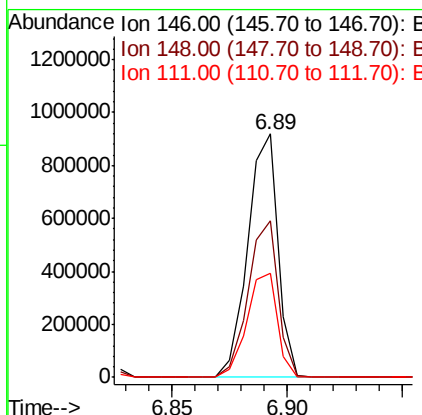
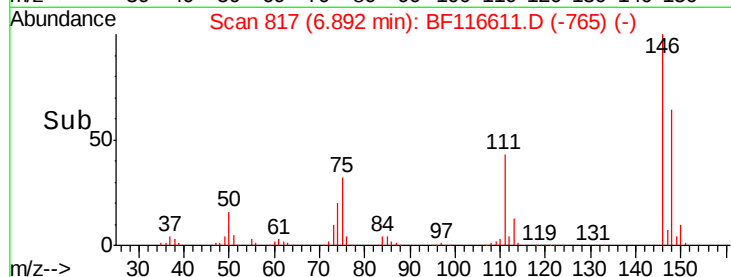
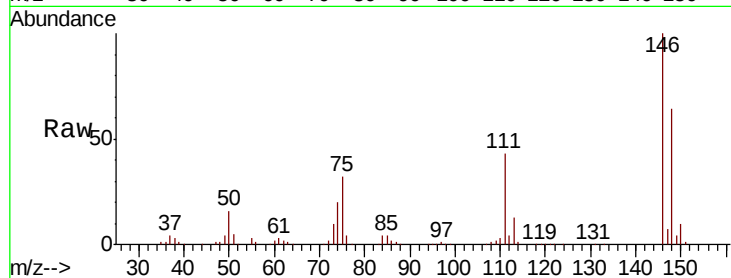




#13
 1,4-Dichlorobenzene
 Concen: 93.163 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

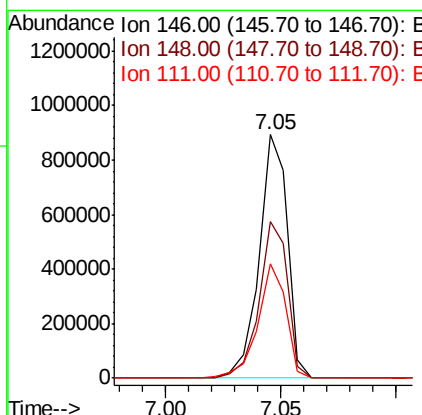
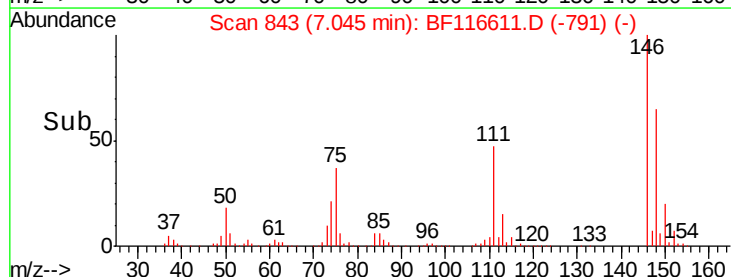
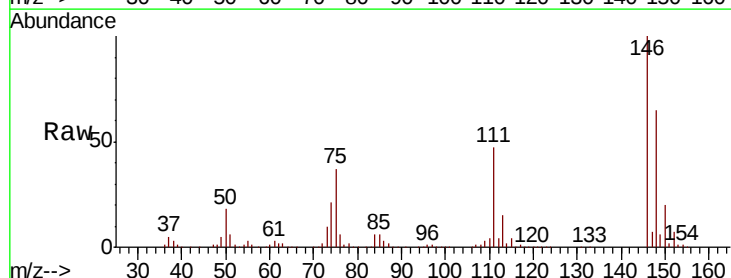
Instrument :
 BNA_F
 ClientSampleId :

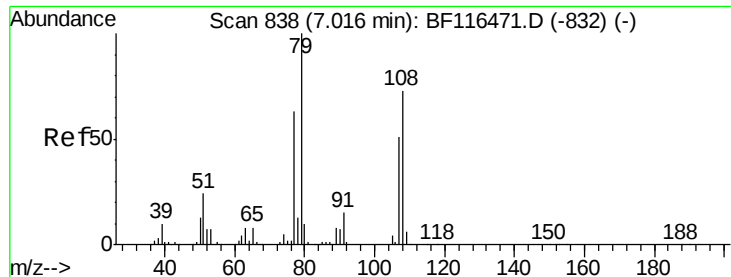
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	42.5	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 89.370 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
111	47.2	34.9	52.3





#15

Benzyl Alcohol

Concen: 82.506 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :

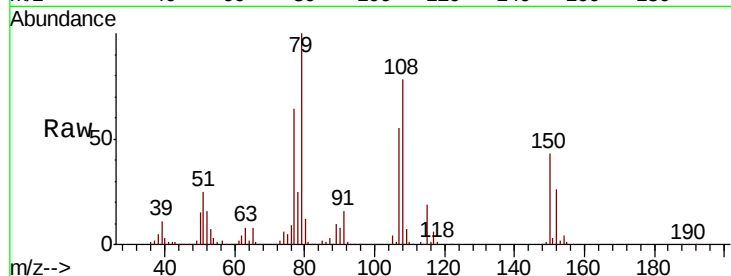
Tot Ion: 79 Resp: 676788

Ion Ratio Lower Upper

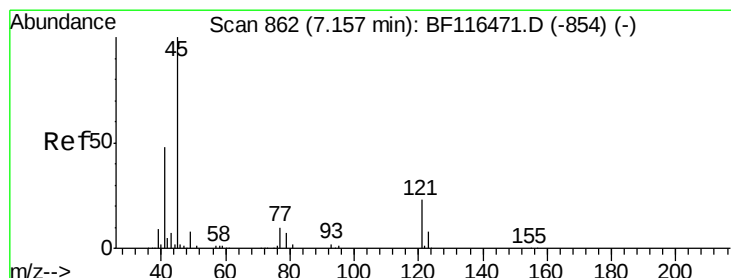
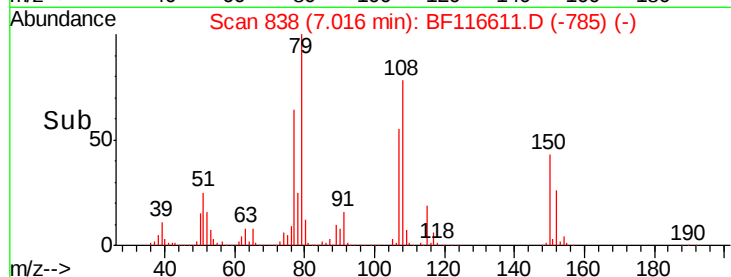
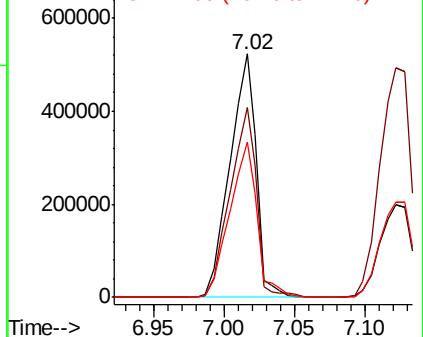
79 100

108 78.2 62.2 93.4

77 64.0 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: 82.463 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

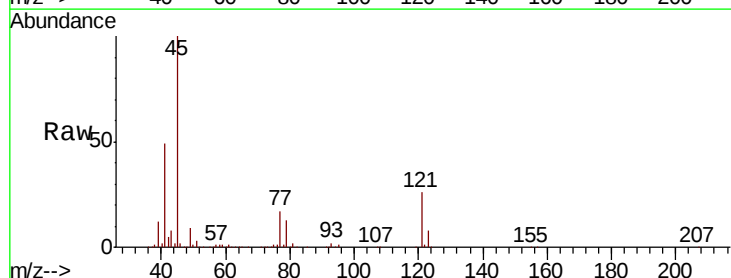
Tgt Ion: 45 Resp: 955556

Ion Ratio Lower Upper

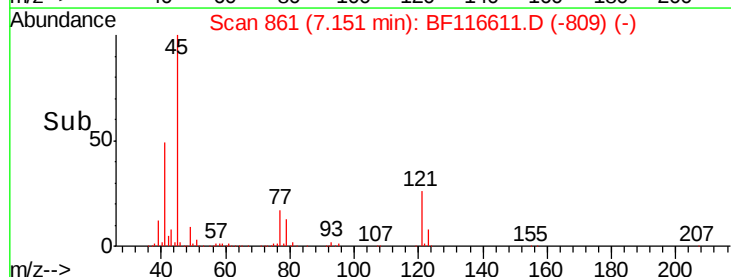
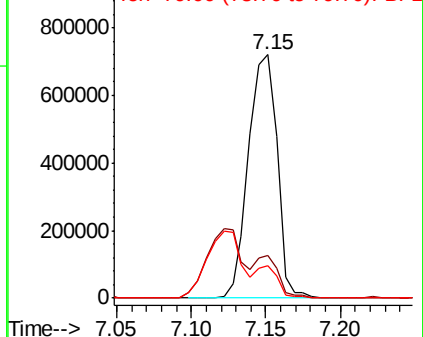
45 100

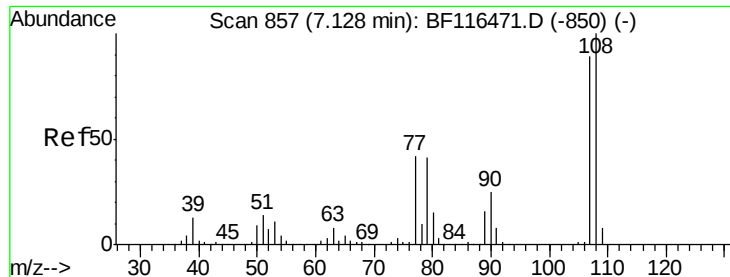
77 17.4 0.0 36.4

79 13.4 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: 90.527 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 650669

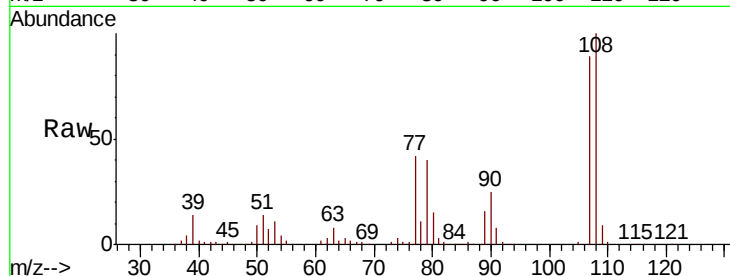
Ion Ratio Lower Upper

107 100

108 112.4 90.9 136.3

77 46.8 36.8 55.2

79 45.4 36.2 54.4

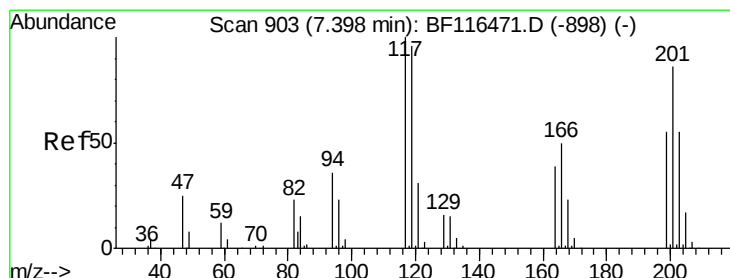
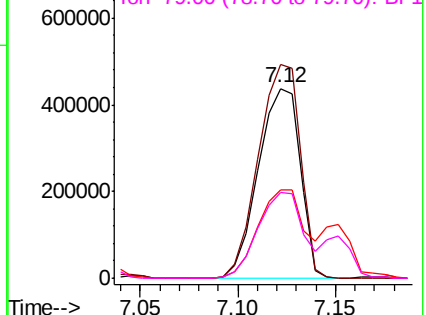
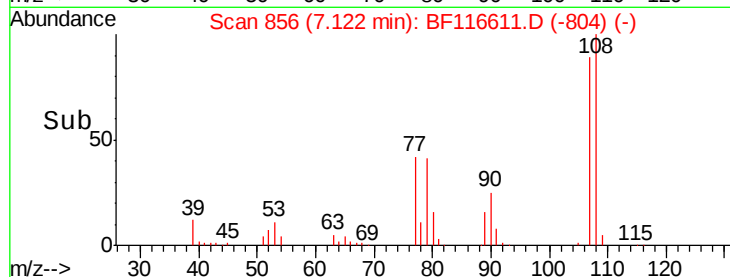


Abundance Ion 107.00 (106.70 to 107.70): E

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: 91.365 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

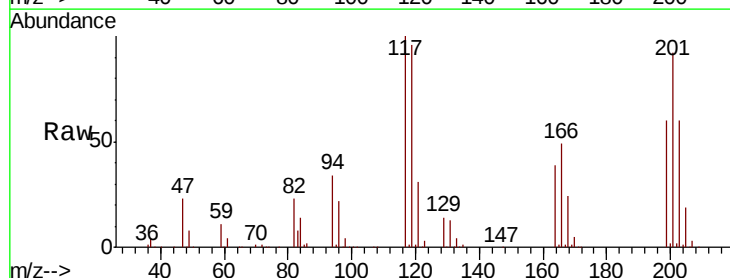
Tgt Ion:117 Resp: 322011

Ion Ratio Lower Upper

117 100

119 96.4 78.6 118.0

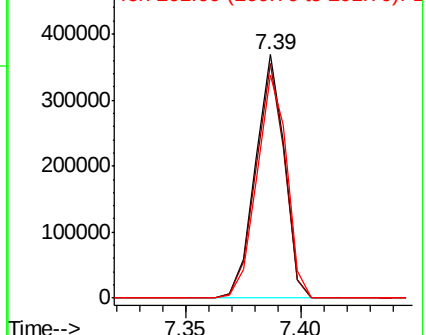
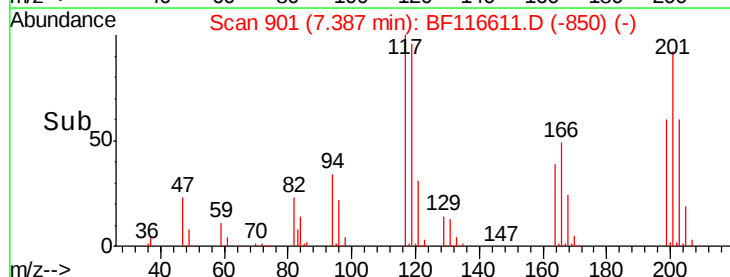
201 91.8 86.2 129.2

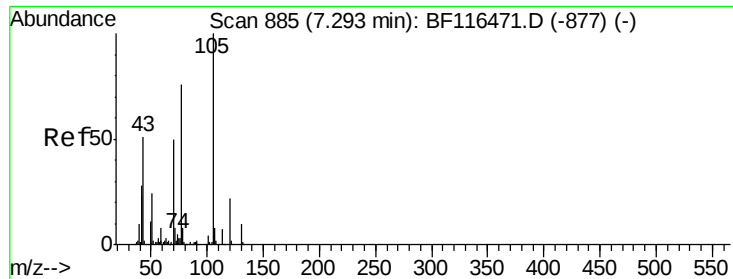


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

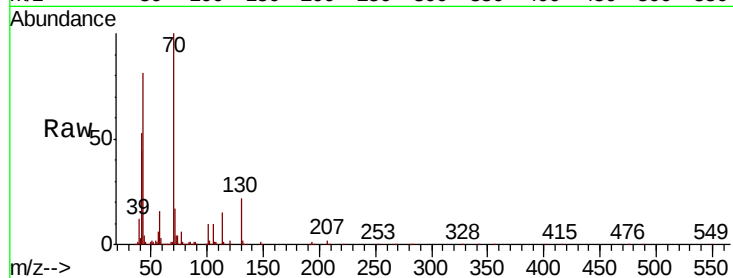




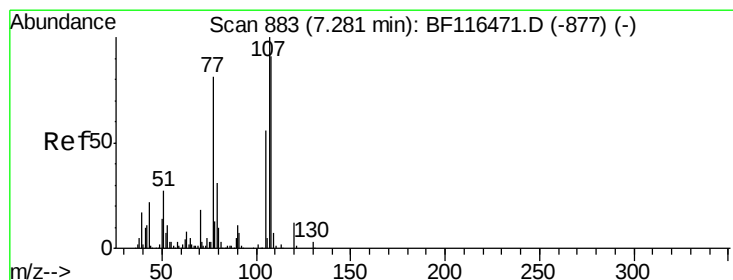
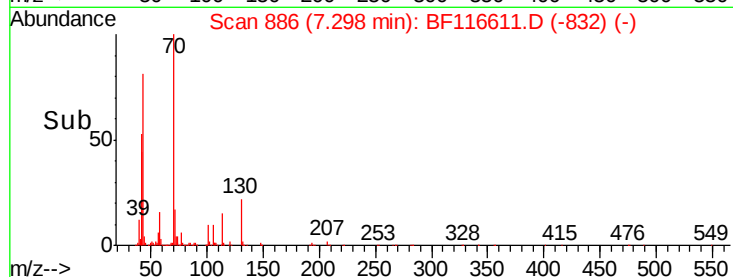
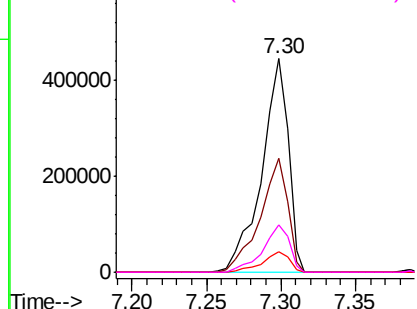
#19
n-Nitroso-di-n-propylamine
Concen: 79.422 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.02 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	549324
Ion	Ratio	Lower	Upper
70	100		
42	53.2	41.2	61.8
101	9.7	7.7	11.5
130	21.9	17.9	26.9



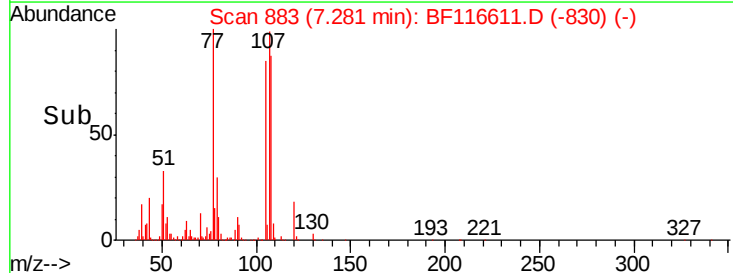
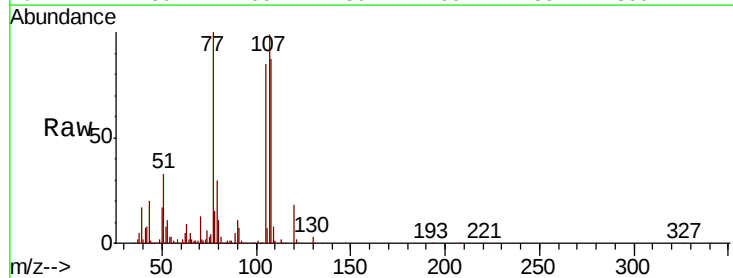
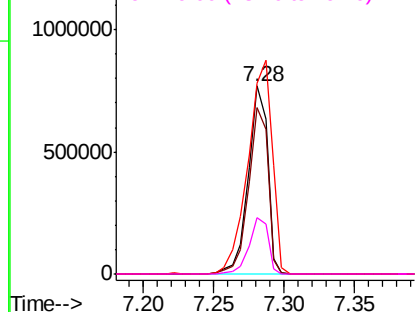
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

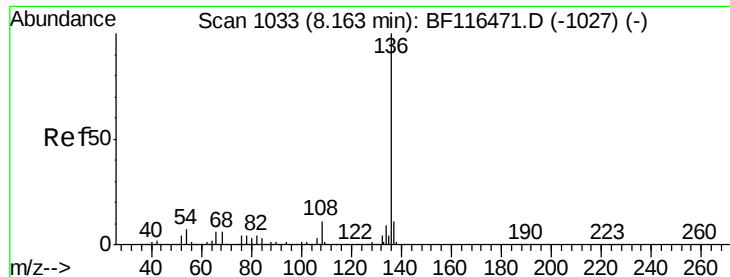


#20
3+4-Methylphenols
Concen: 83.972 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Tgt Ion:	107	Resp:	739358
Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.6	112.6
77	101.5	82.4	122.4
79	30.2	10.6	50.6

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 488134

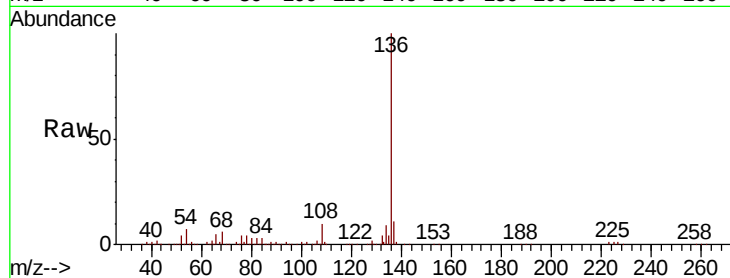
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.6 5.0 7.4

68 6.3 4.5 6.7

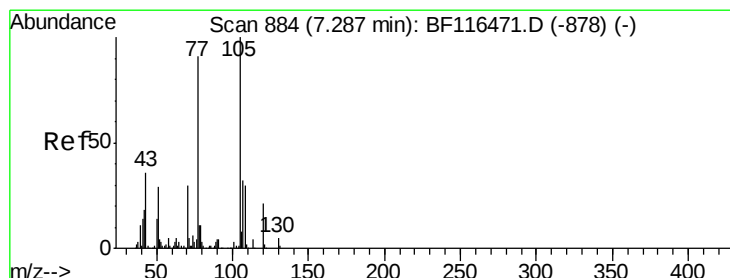
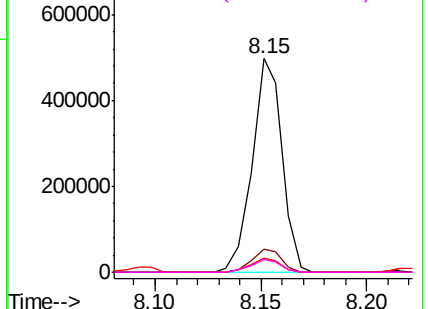
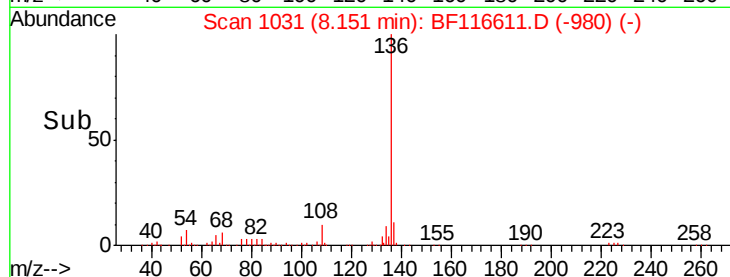


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.206 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Tgt Ion:105 Resp: 1052239

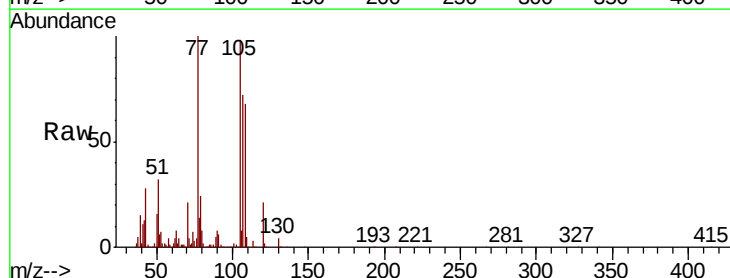
Ion Ratio Lower Upper

105 100

71 3.9 5.0 7.6#

51 32.6 20.7 31.1#

120 21.5 17.9 26.9

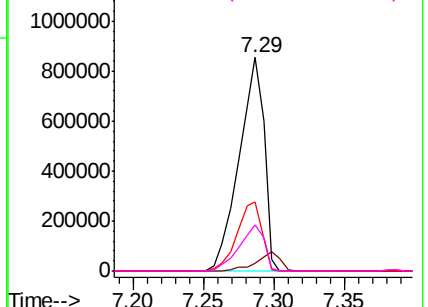
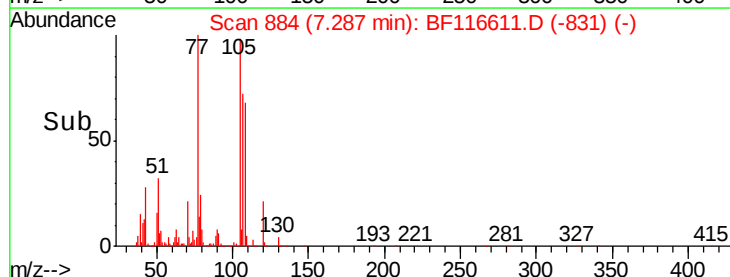


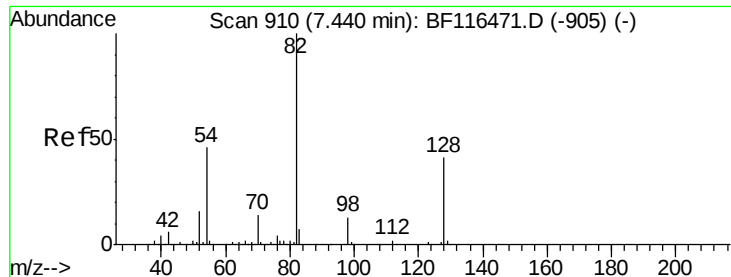
Abundance Ion 105.00 (104.70 to 105.70): E

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



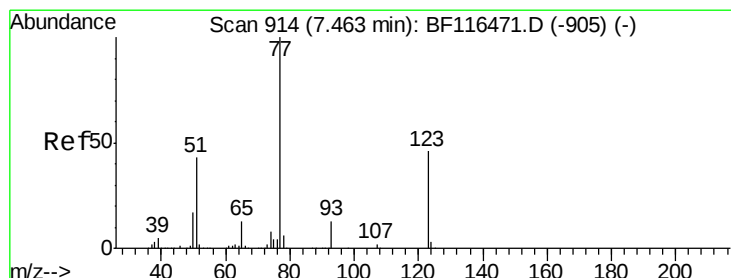
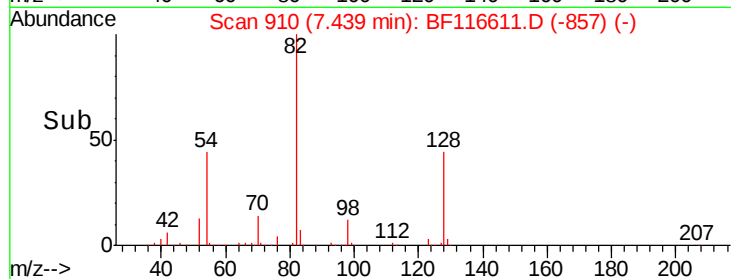
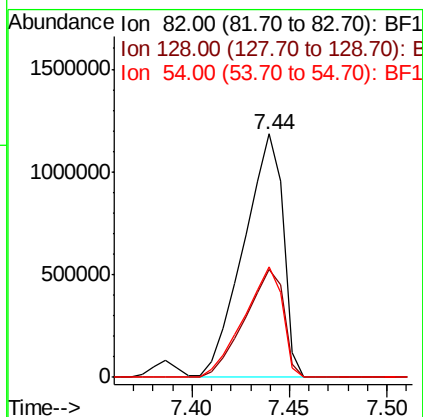
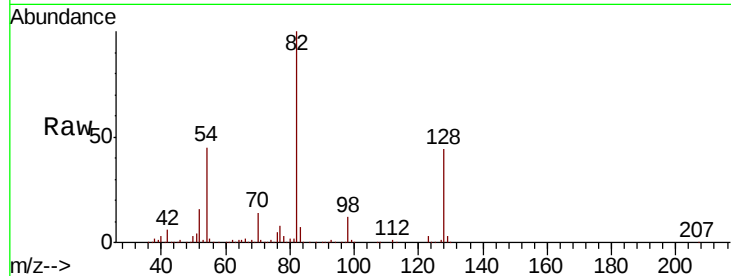


#23
 Nitrobenzene-d5
 Concen: 185.578 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1655771

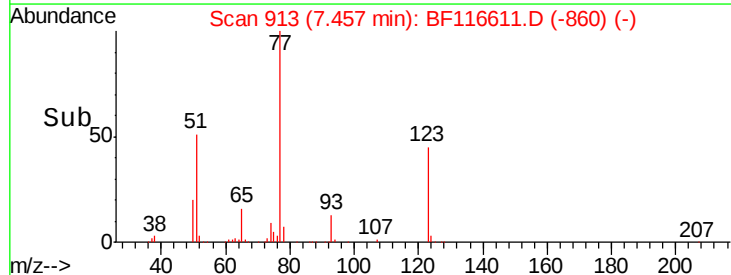
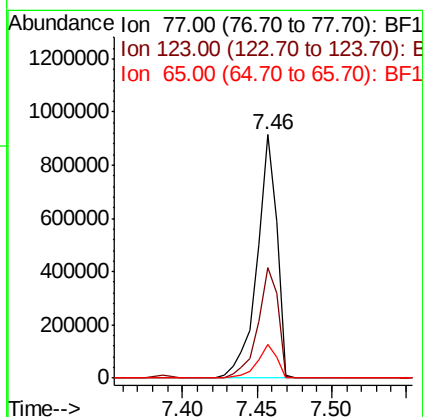
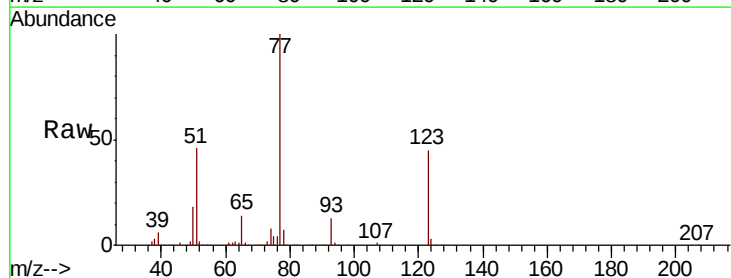
Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.0	52.6
54	45.4	34.4	51.6

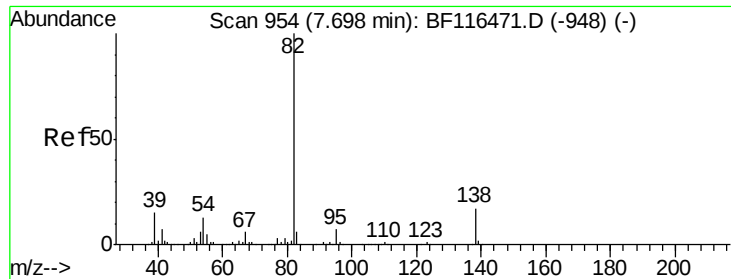


#24
 Nitrobenzene
 Concen: 89.986 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion: 77 Resp: 831457

Ion	Ratio	Lower	Upper
77	100		
123	45.4	38.2	57.4
65	13.9	11.0	16.6





#25

Isophorone

Concen: 85.757 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

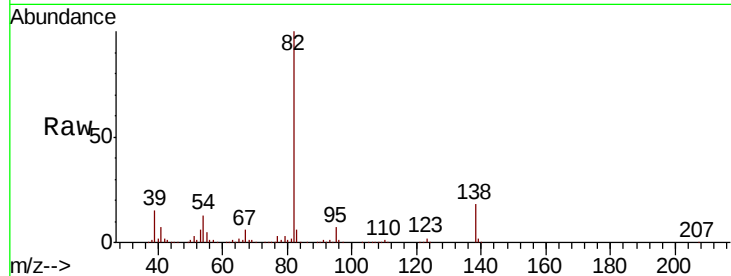
Tot Ion: 82 Resp: 1507829

Ion Ratio Lower Upper

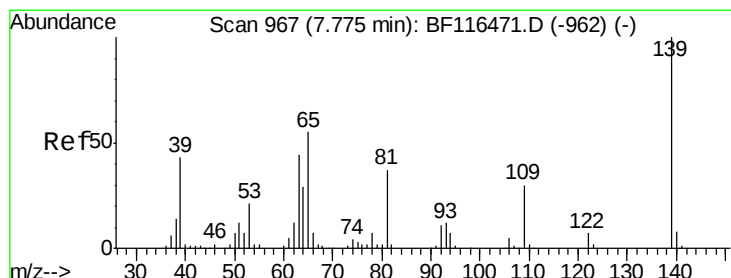
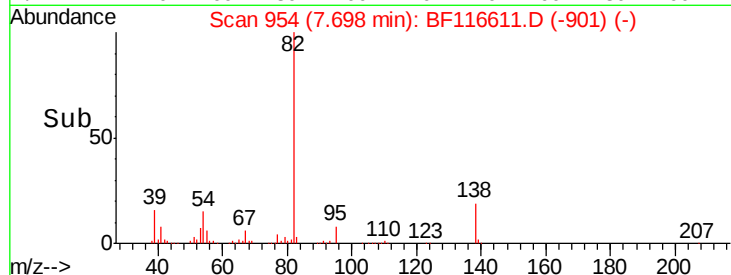
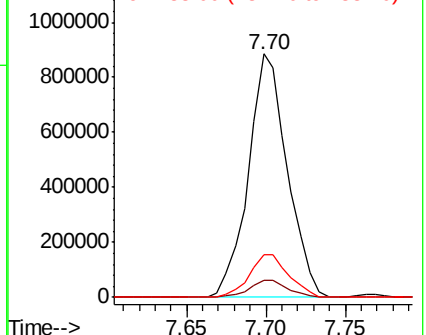
82 100

95 7.2 5.6 8.4

138 17.6 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: 121.838 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

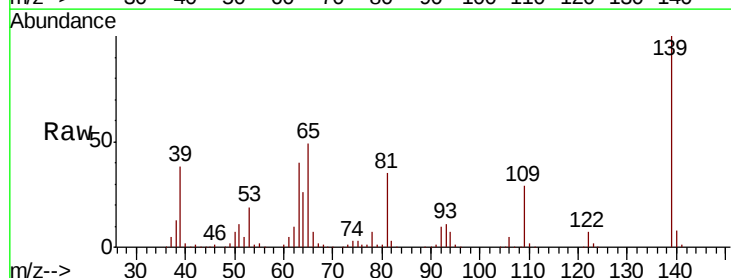
Tgt Ion: 139 Resp: 411209

Ion Ratio Lower Upper

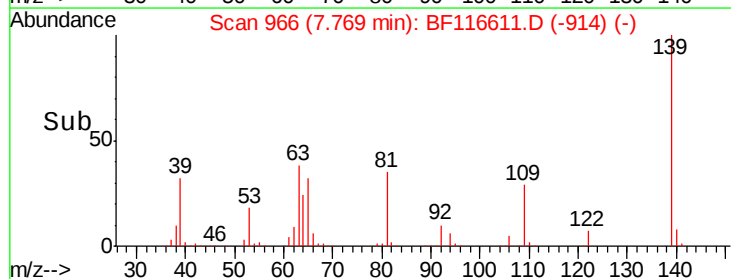
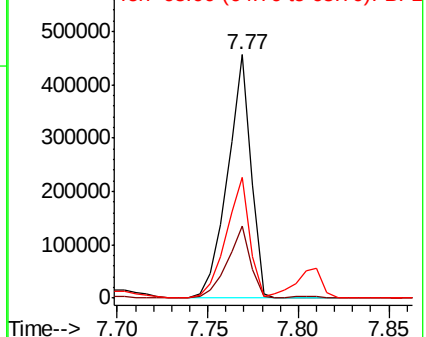
139 100

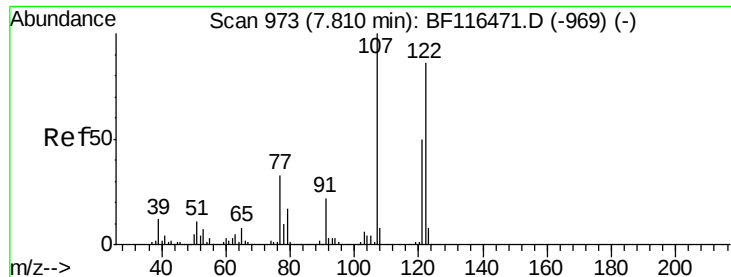
109 29.5 22.4 33.6

65 49.4 36.9 55.3



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 88.269 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

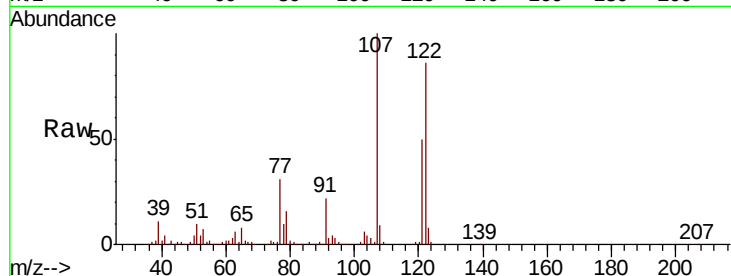
Tot Ion:122 Resp: 621604

Ion Ratio Lower Upper

122 100

107 116.7 95.4 143.0

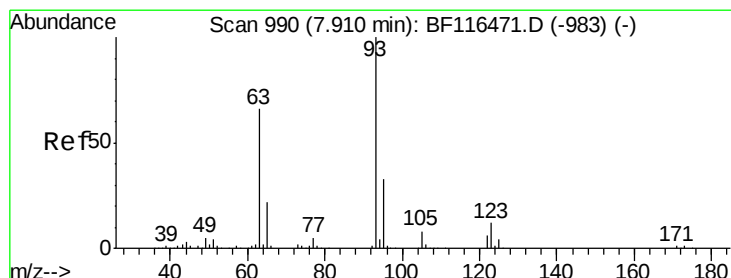
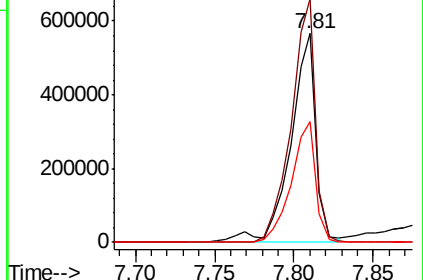
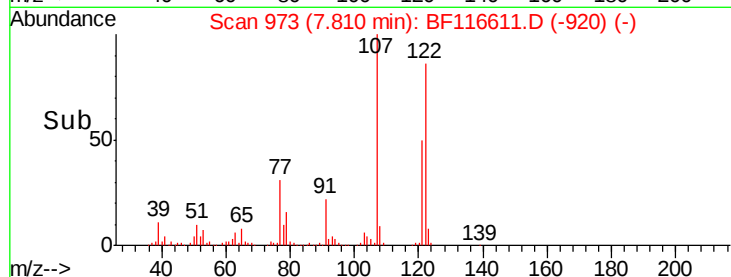
121 57.9 47.8 71.8



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: 85.370 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

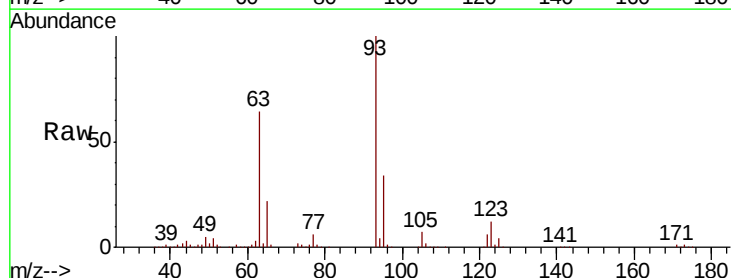
Tgt Ion: 93 Resp: 926970

Ion Ratio Lower Upper

93 100

95 33.6 26.1 39.1

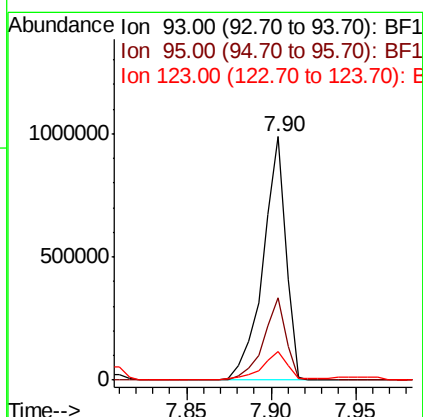
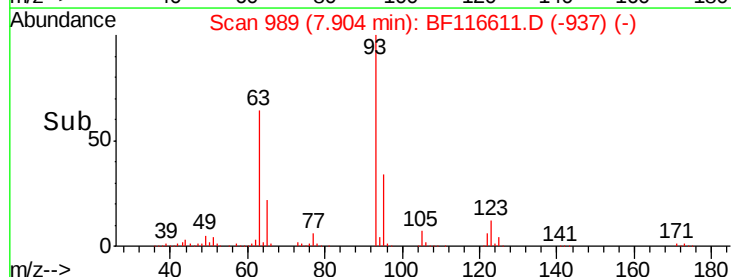
123 12.0 10.4 15.6

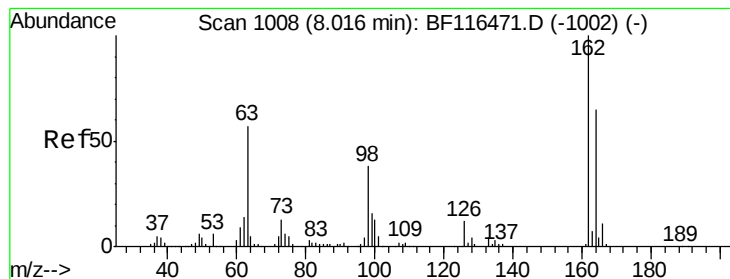


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 93.615 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

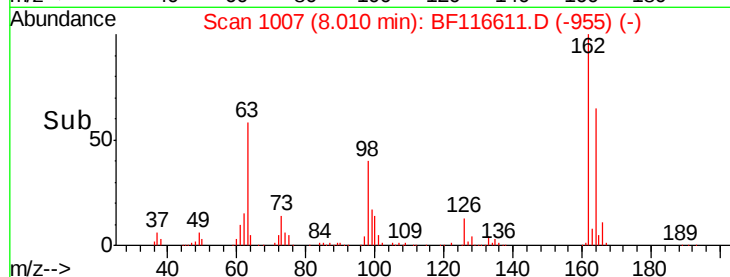
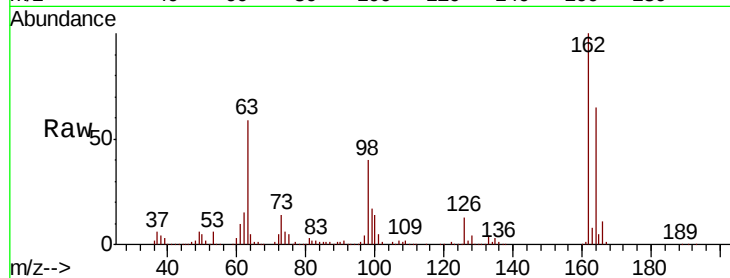
Tot Ion:162 Resp: 626949

Ion Ratio Lower Upper

162 100

164 65.3 45.9 85.9

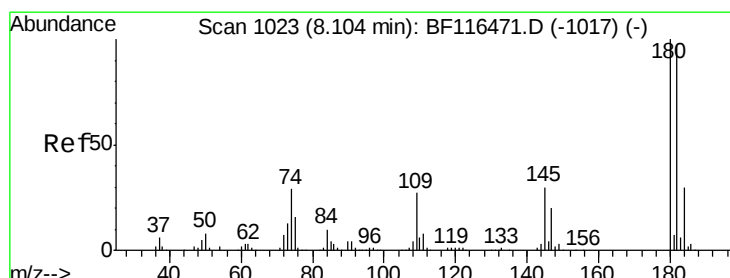
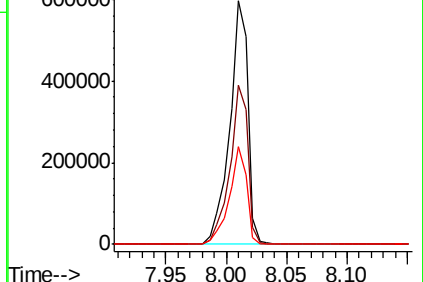
98 40.0 17.4 57.4



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: 94.039 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

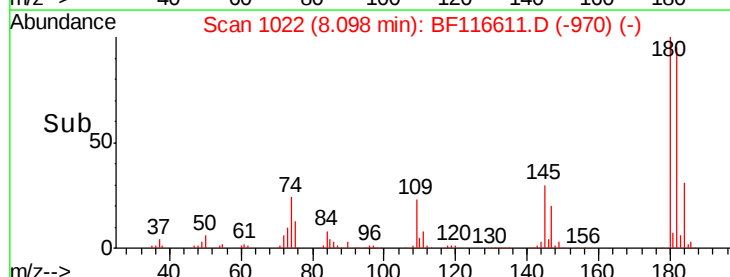
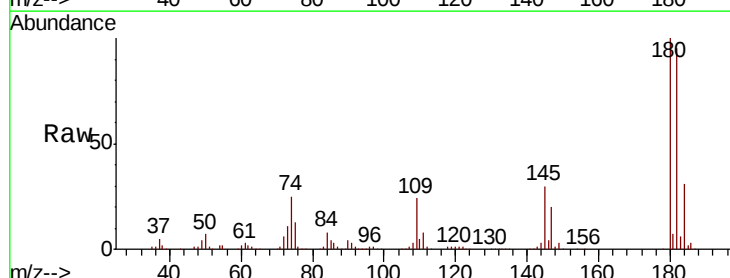
Tgt Ion:180 Resp: 709003

Ion Ratio Lower Upper

180 100

182 95.3 76.7 115.1

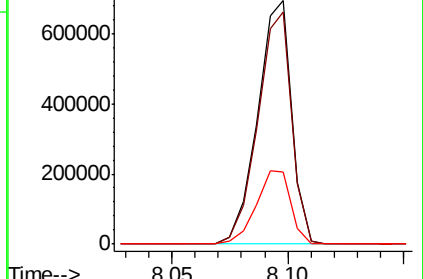
145 29.6 24.1 36.1

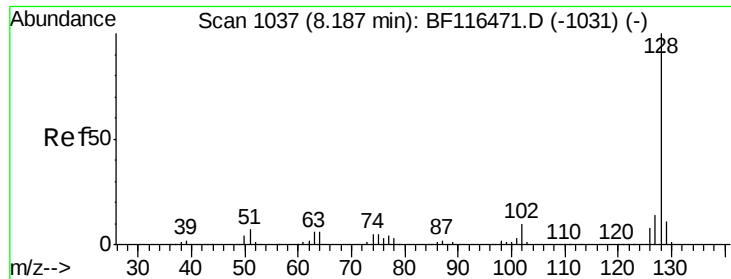


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

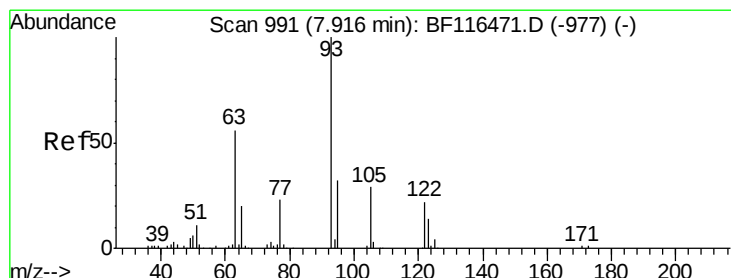
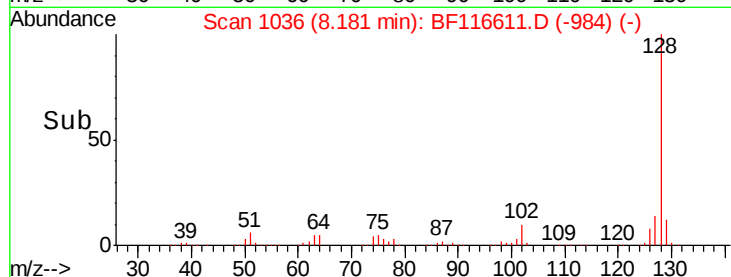
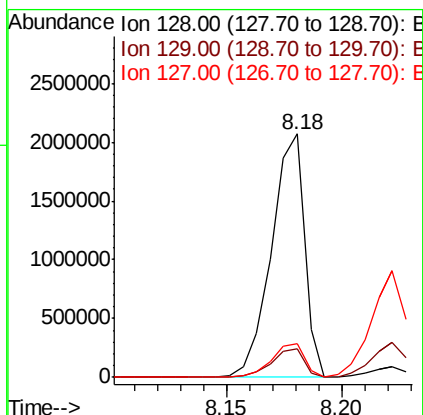
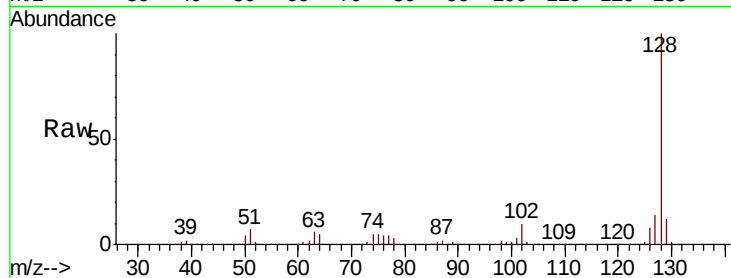




#31
Naphthalene
Concen: 87.159 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

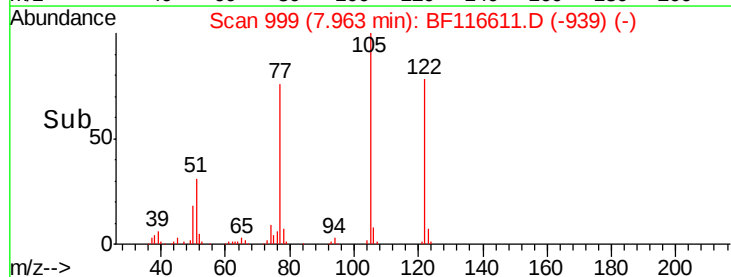
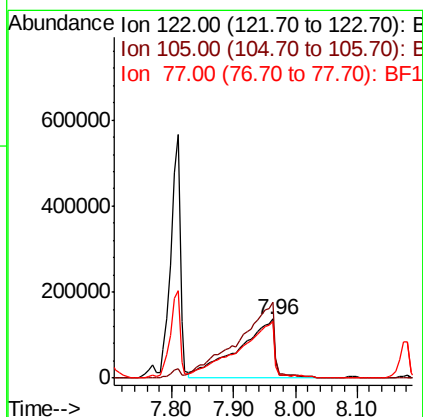
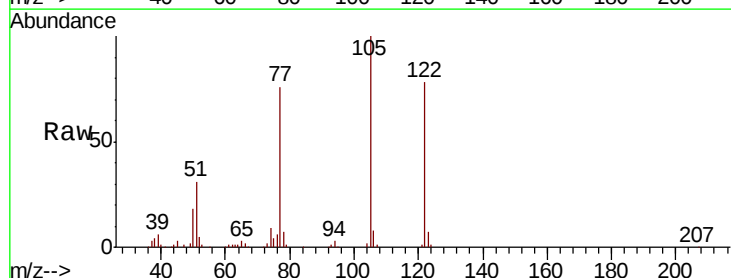
Instrument :
BNA_F
ClientSampleId :

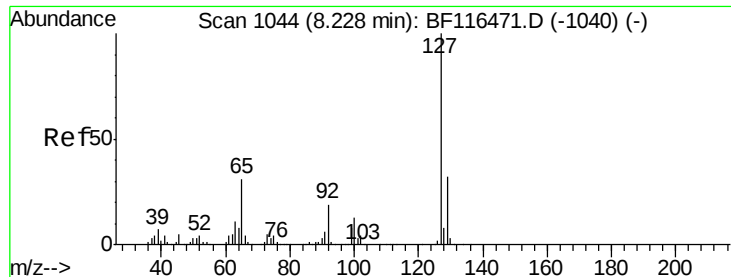
Tot Ion:128 Resp: 2058152
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 14.0 10.9 16.3



#32
Benzoic acid
Concen: 126.649 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.05 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Tgt Ion:122 Resp: 570177
Ion Ratio Lower Upper
122 100
105 127.7 105.8 145.8
77 96.6 74.1 114.1

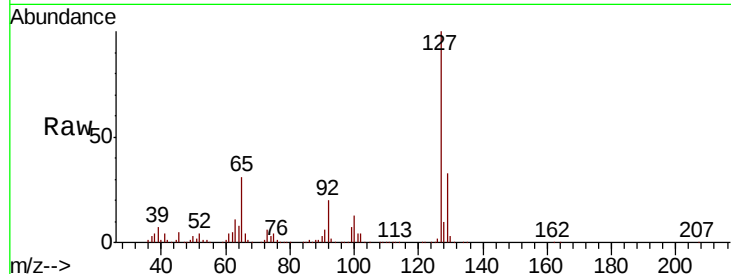




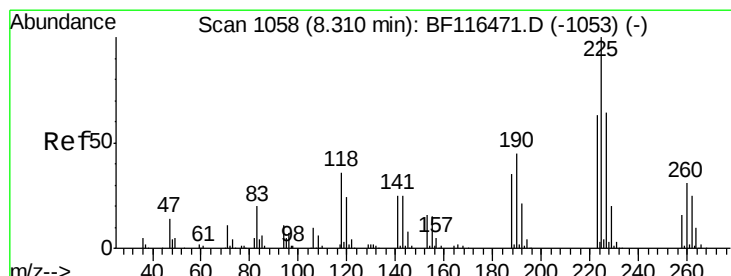
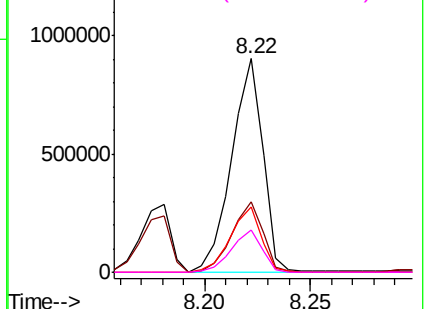
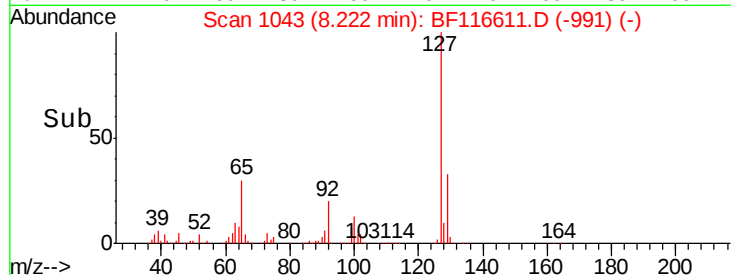
#33
 4-Chloroaniline
 Concen: 88.616 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	127	Resp:	918630
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	30.8	22.6	33.8
92	19.8	15.0	22.6

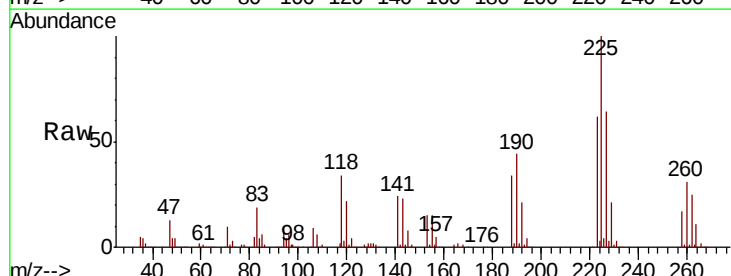


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

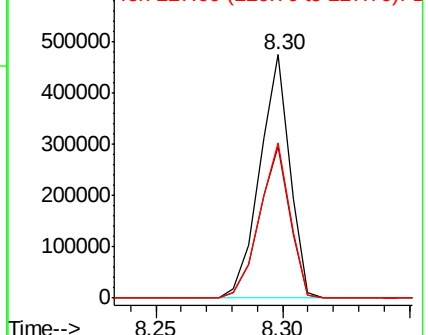
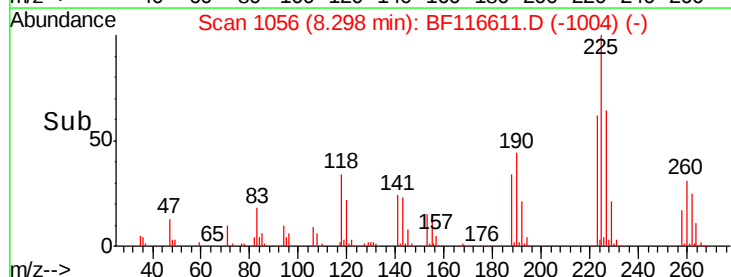


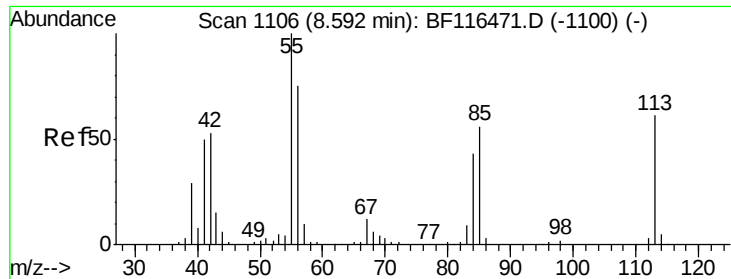
#34
 Hexachlorobutadiene
 Concen: 95.454 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion:	225	Resp:	392489
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.7	76.1
227	63.7	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

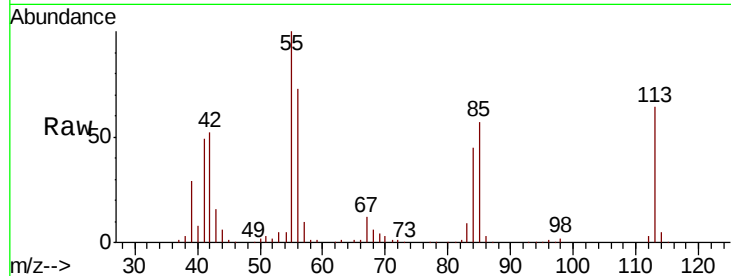




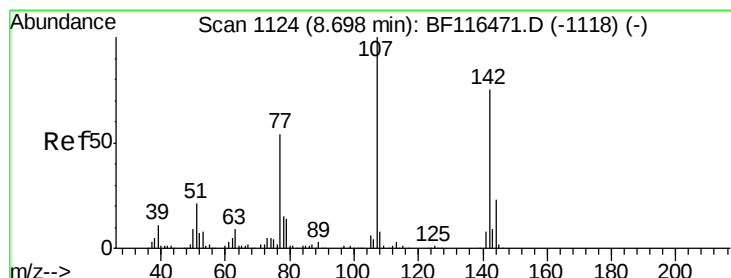
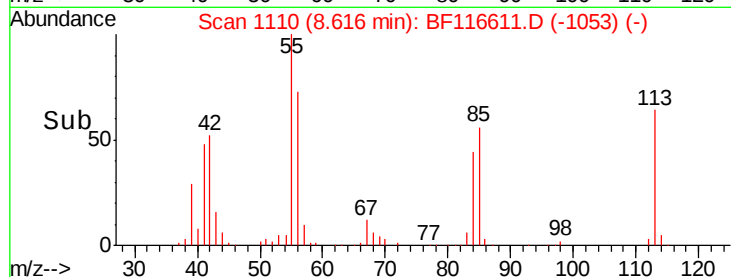
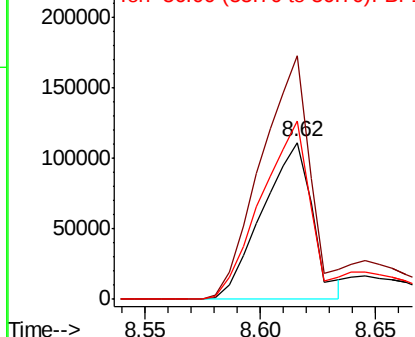
#35
 Caprolactam
 Concen: 71.443 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.04 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 166662
 Ion Ratio Lower Upper
 113 100
 55 155.2 128.3 168.3
 56 113.9 93.2 133.2

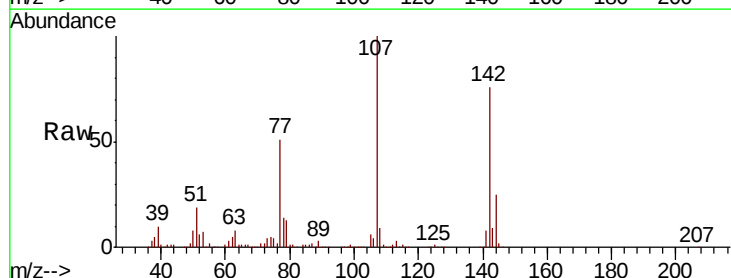


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

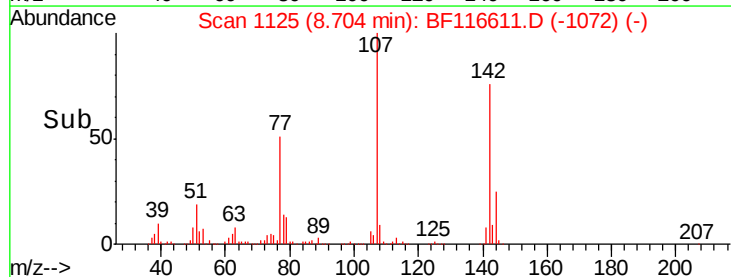
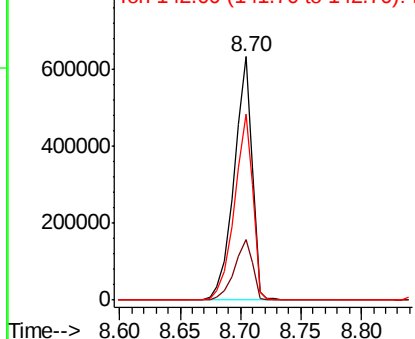


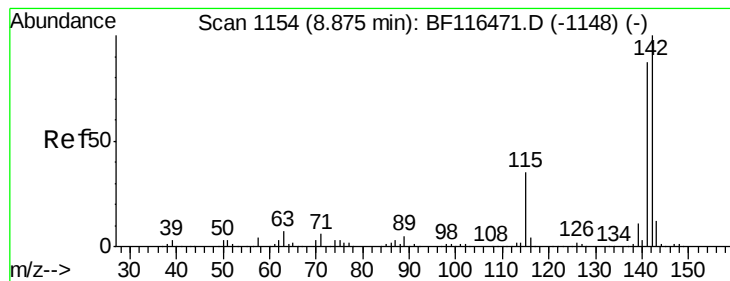
#36
 4-Chloro-3-methylphenol
 Concen: 87.573 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion:107 Resp: 661742
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.6 30.8
 142 76.5 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: 84.040 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

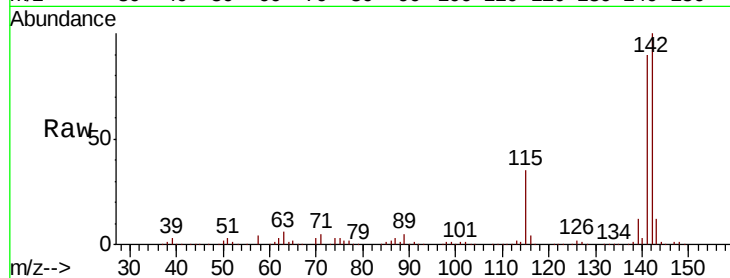
Tot Ion:142 Resp: 1362578

Ion Ratio Lower Upper

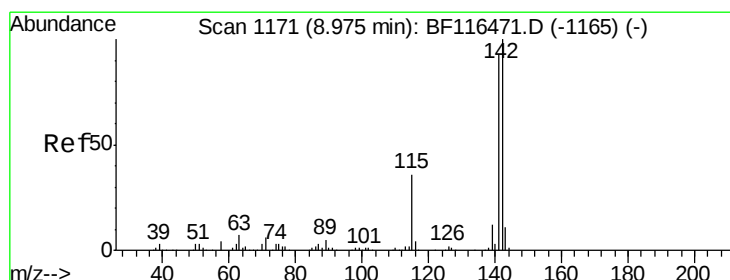
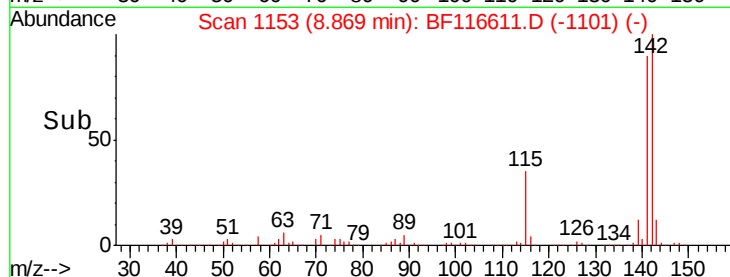
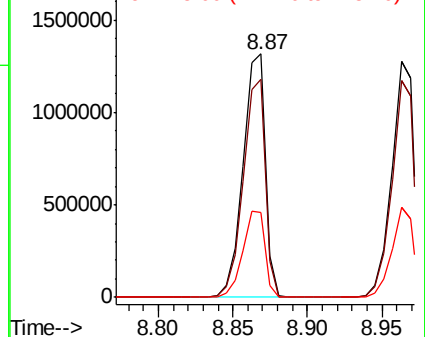
142 100

141 89.7 69.5 104.3

115 35.0 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: 85.244 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

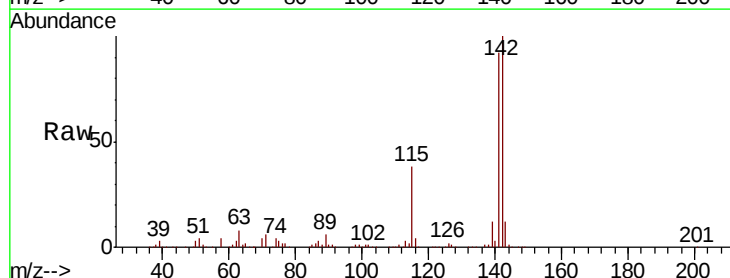
Tgt Ion:142 Resp: 1291068

Ion Ratio Lower Upper

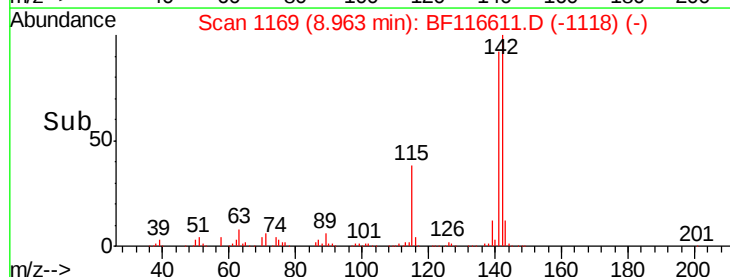
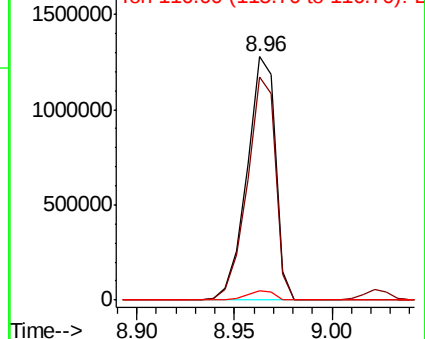
142 100

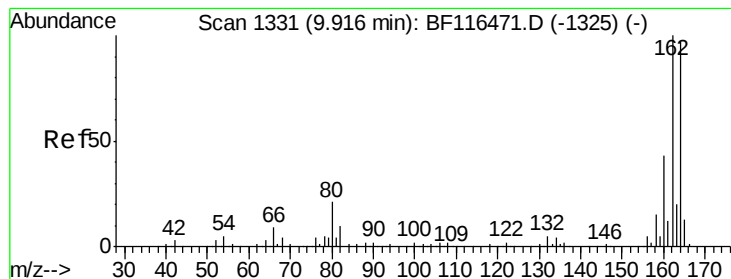
141 91.7 73.1 109.7

116 4.0 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# 1329

Delta R.T. 0.00 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

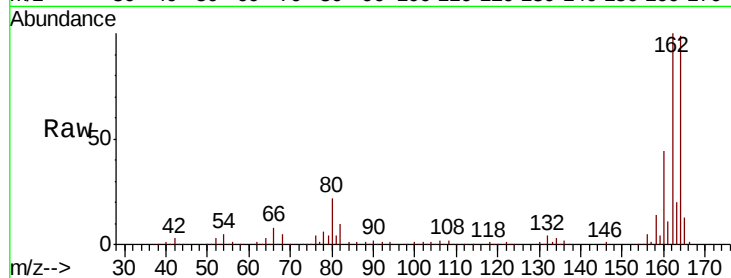
Tot Ion:164 Resp: 249131

Ion Ratio Lower Upper

164 100

162 100.7 83.4 125.0

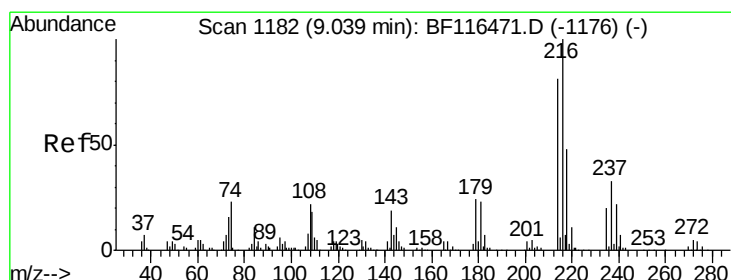
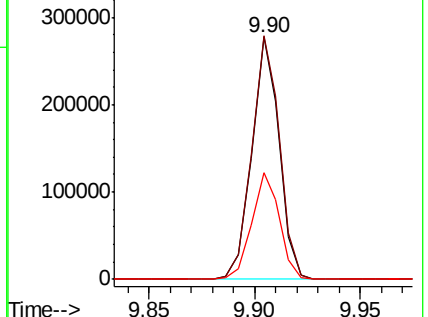
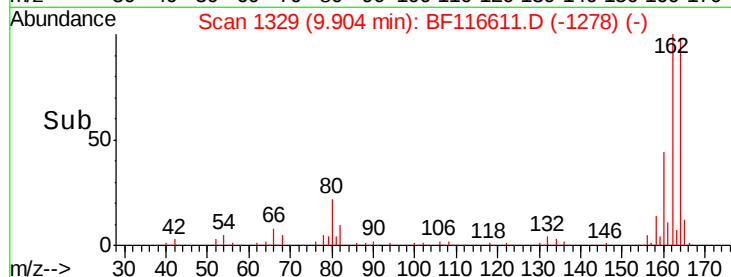
160 43.9 37.0 55.4



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: 91.776 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Tgt Ion:216 Resp: 615148

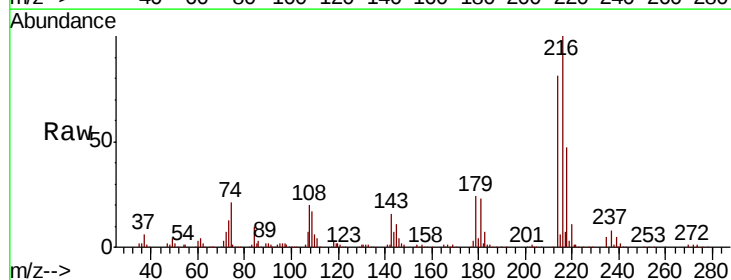
Ion Ratio Lower Upper

216 100

214 80.3 63.3 94.9

179 23.2 17.9 26.9

108 21.3 16.0 24.0

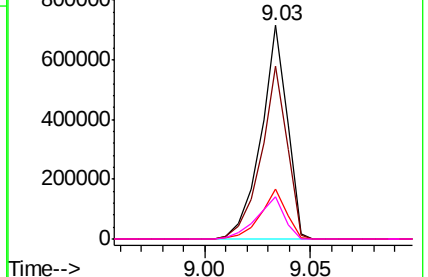
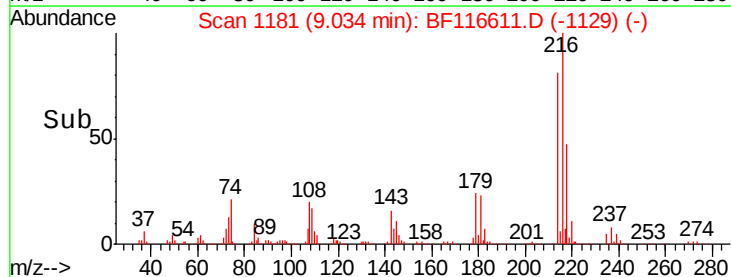


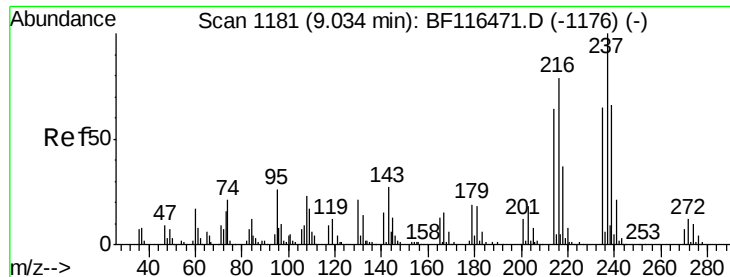
Abundance Ion 216.00 (215.70 to 216.70): E

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: 105.568 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

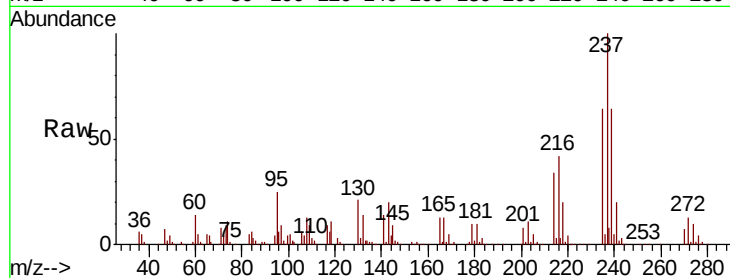
Tot Ion:237 Resp: 380704

Ion Ratio Lower Upper

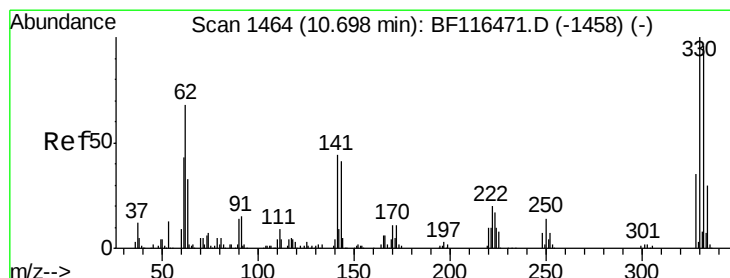
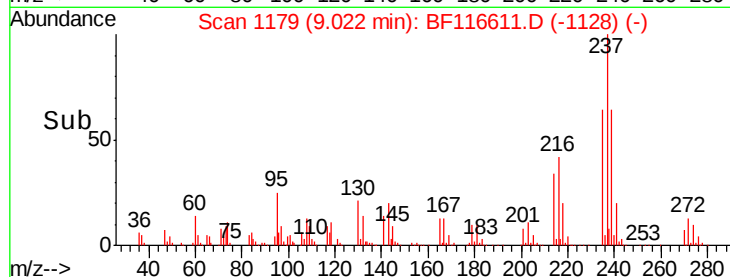
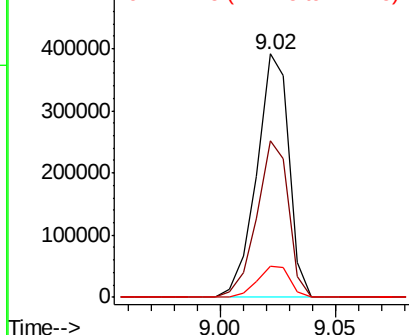
237 100

235 64.4 42.9 82.9

272 12.7 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: 195.458 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

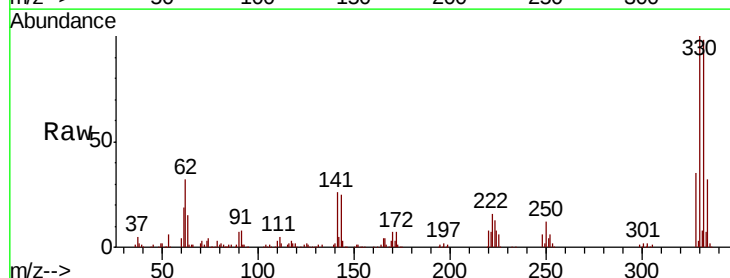
Tgt Ion:330 Resp: 418127

Ion Ratio Lower Upper

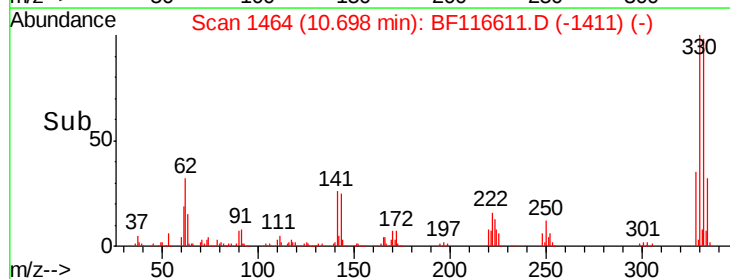
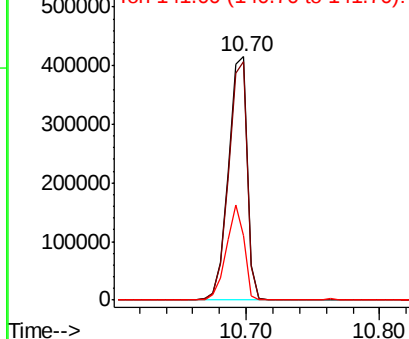
330 100

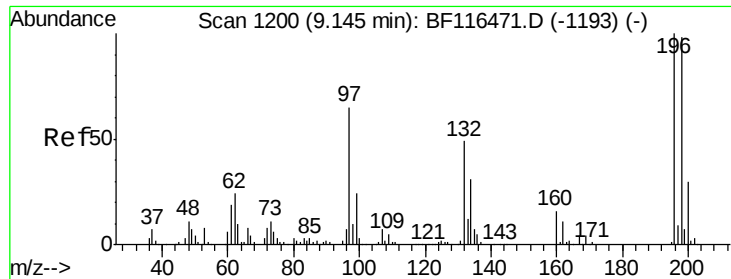
332 96.9 77.5 116.3

141 36.8 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

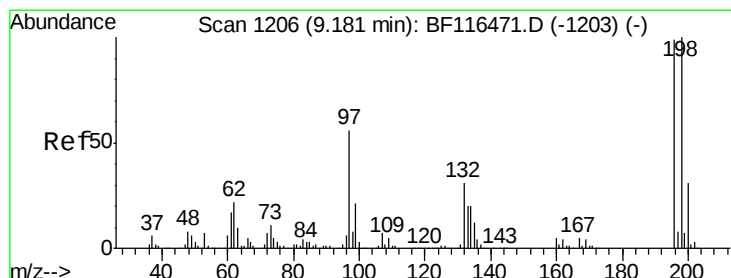
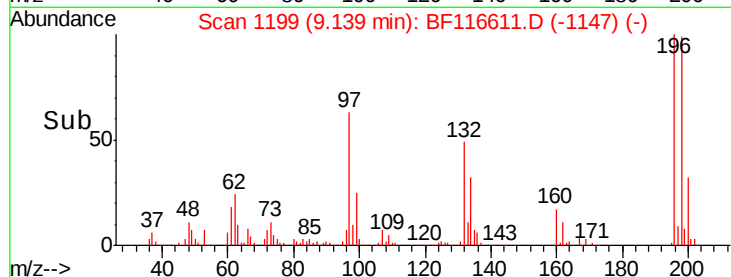
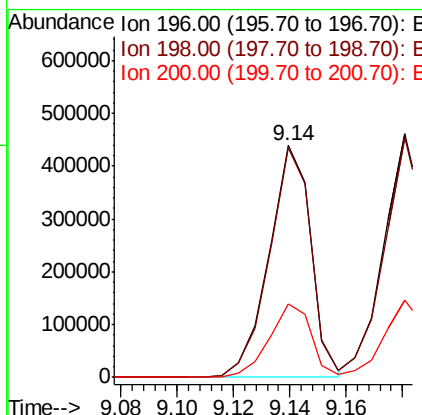
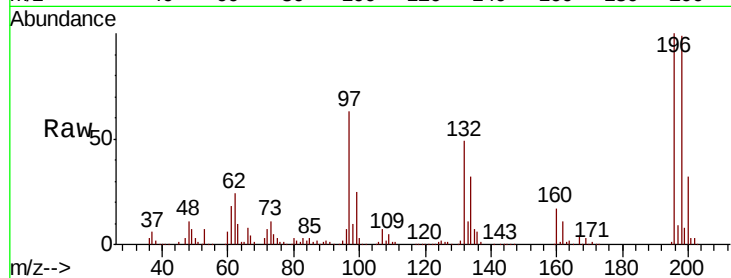




#43
 2,4,6-Trichlorophenol
 Concen: 96.014 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

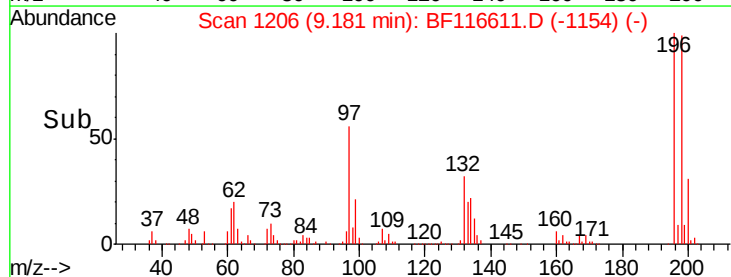
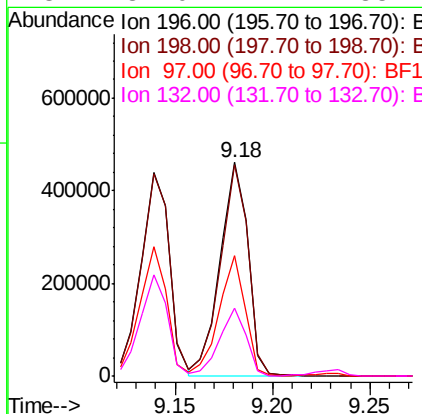
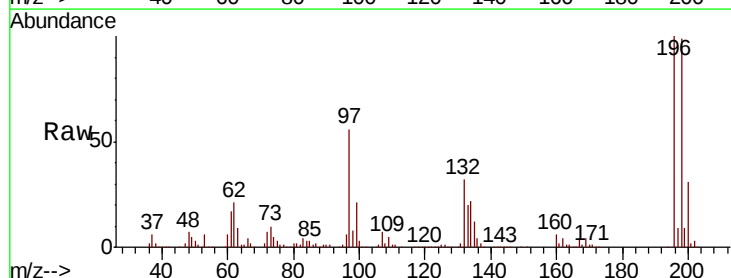
Instrument :
 BNA_F
 ClientSampleId :

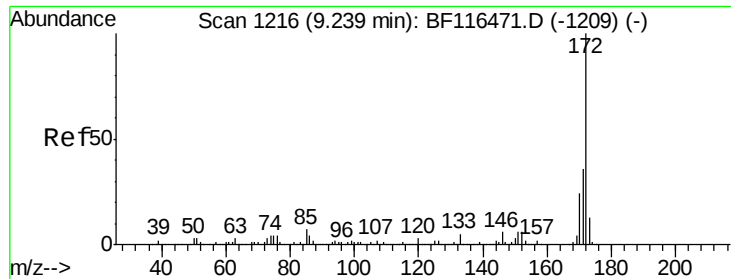
Tot Ion	196	Resp	450410
Ion Ratio	Lower	Upper	
196	100		
198	99.2	76.8	115.2
200	31.7	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 96.128 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion	196	Resp	458835
Ion Ratio	Lower	Upper	
196	100		
198	98.6	82.0	123.0
97	56.1	37.0	55.6#
132	32.0	22.2	33.2

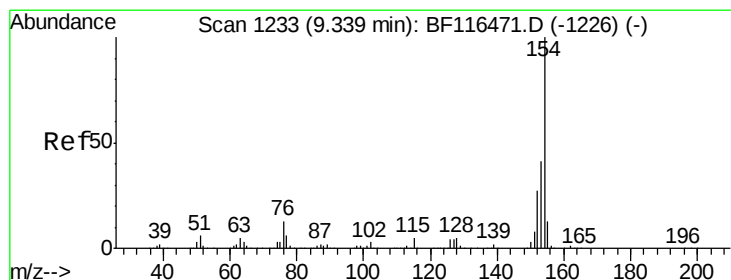
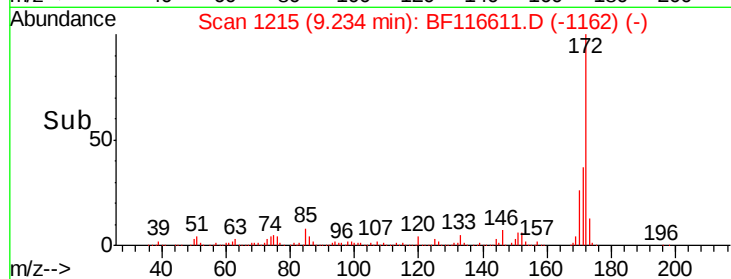
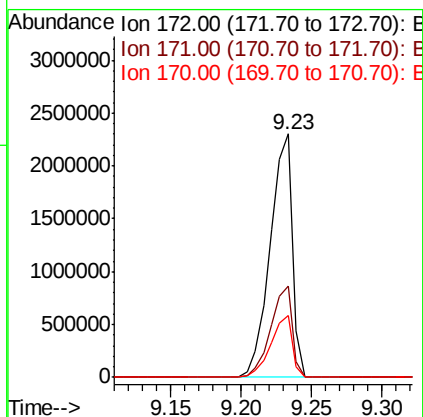
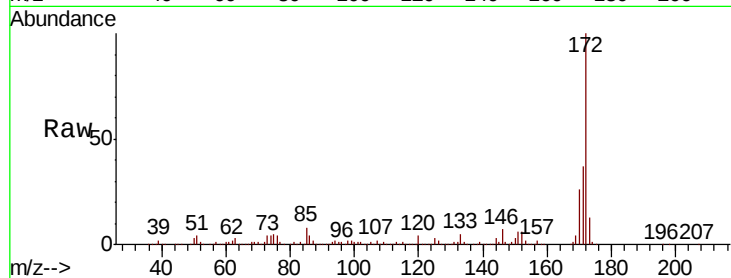




#45
2-Fluorobiphenyl
Concen: 164.249 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

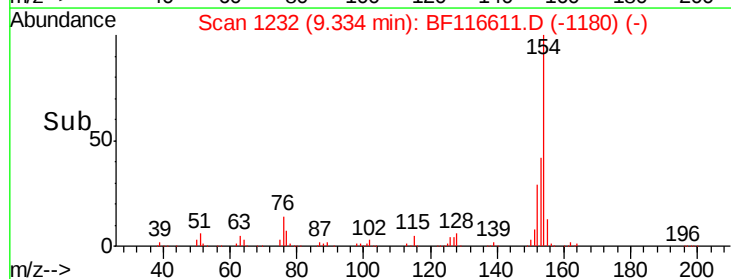
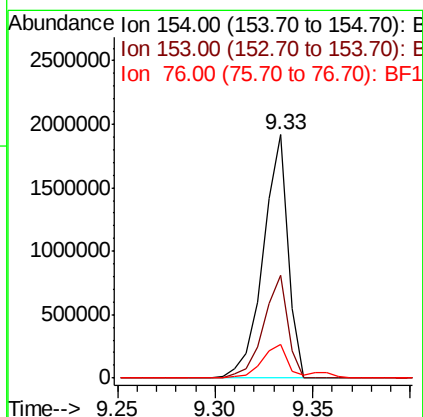
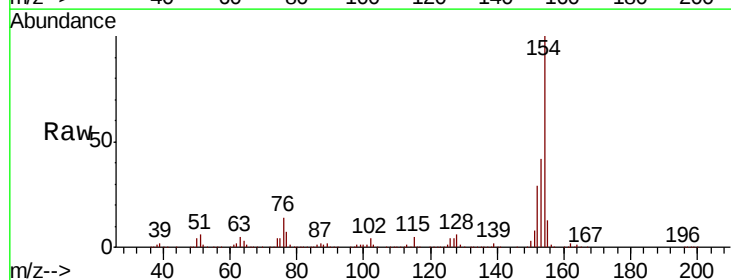
Instrument :
BNA_F
ClientSampleId :

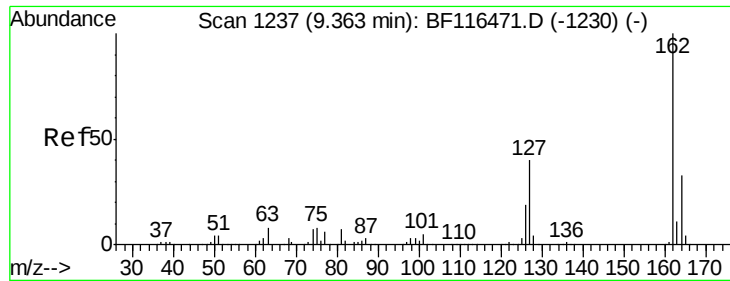
Tot Ion:172 Resp: 2540938
Ion Ratio Lower Upper
172 100
171 37.5 29.0 43.6
170 25.6 19.3 28.9



#46
1,1'-Biphenyl
Concen: 84.336 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Tgt Ion:154 Resp: 1679837
Ion Ratio Lower Upper
154 100
153 42.2 21.4 61.4
76 14.0 0.0 31.8

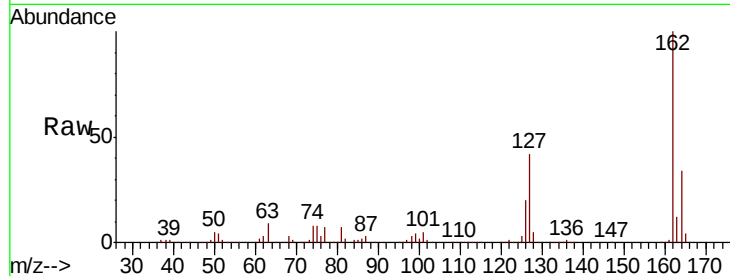




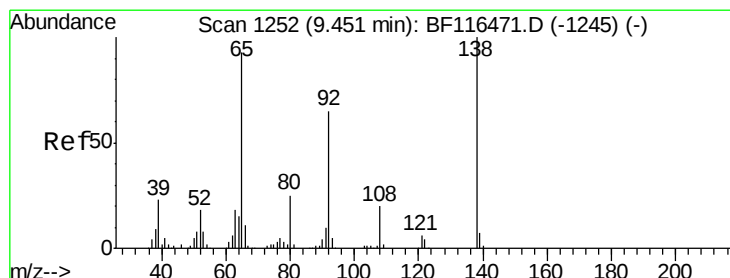
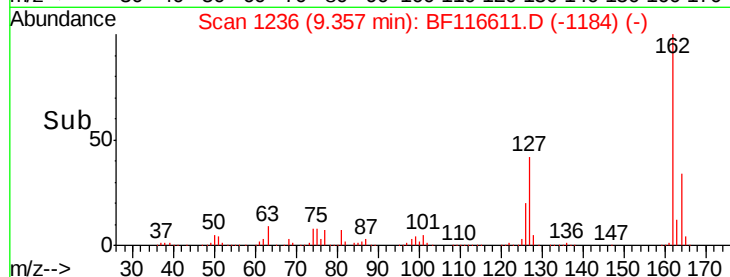
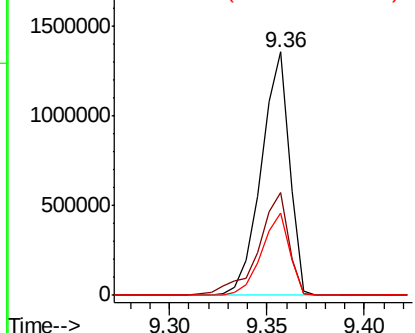
#47
 2-Chloronaphthalene
 Concen: 87.830 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1356262
 Ion Ratio Lower Upper
 162 100
 127 42.3 31.1 46.7
 164 34.0 26.8 40.2

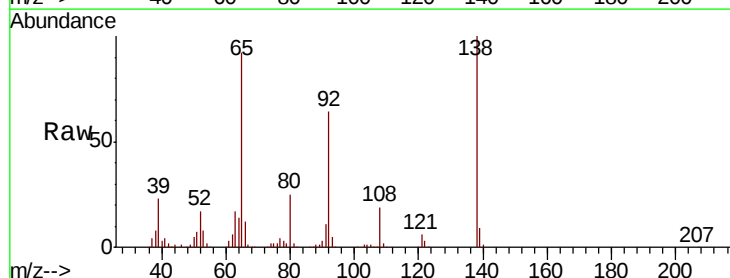


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

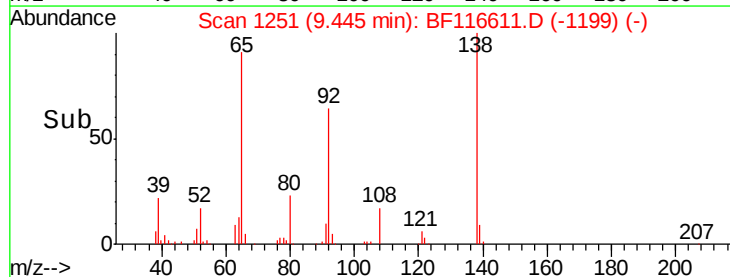
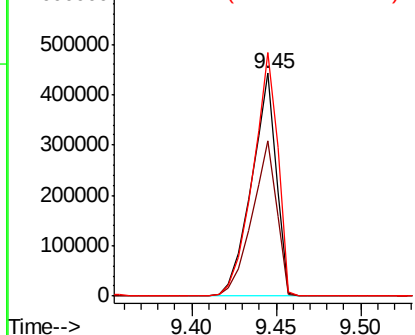


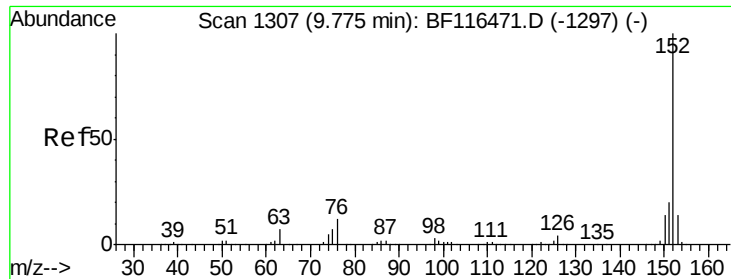
#48
 2-Nitroaniline
 Concen: 95.624 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion: 65 Resp: 452115
 Ion Ratio Lower Upper
 65 100
 92 69.7 58.2 87.2
 138 109.1 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: 86.357 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

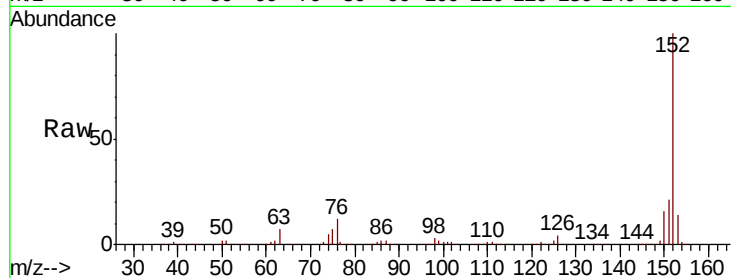
Tot Ion:152 Resp: 1950991

Ion Ratio Lower Upper

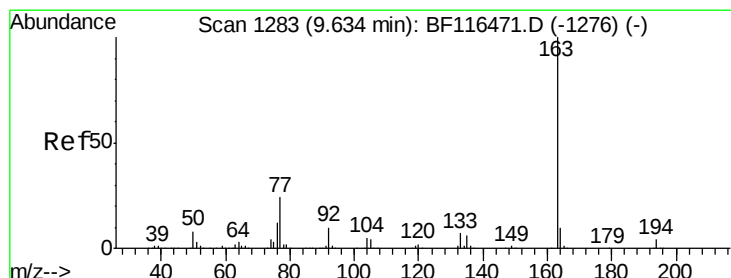
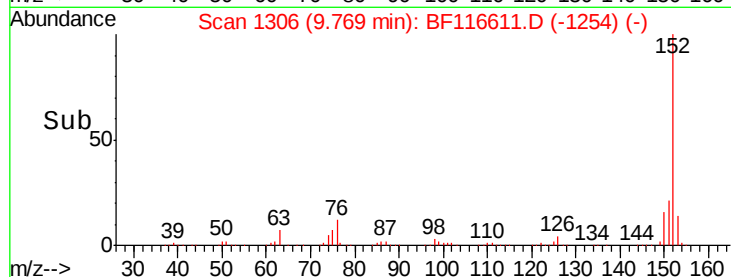
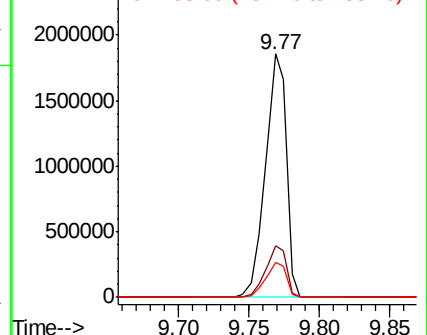
152 100

151 21.1 16.4 24.6

153 14.4 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: 88.407 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

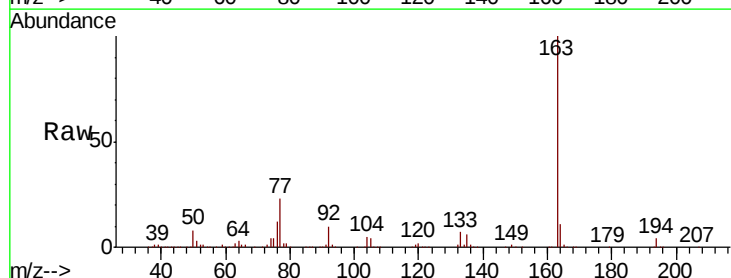
Tgt Ion:163 Resp: 1536691

Ion Ratio Lower Upper

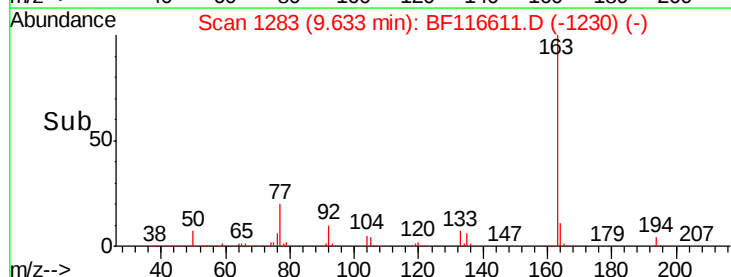
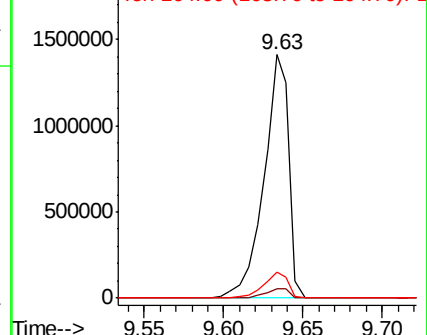
163 100

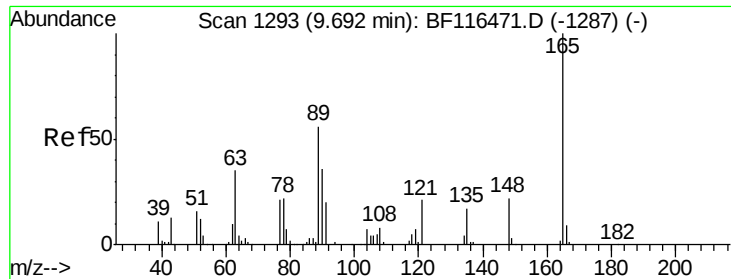
194 3.8 3.0 4.6

164 10.7 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

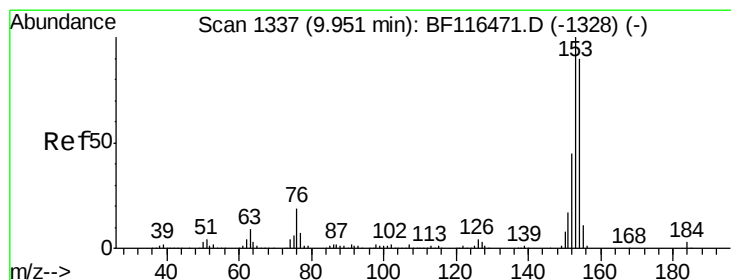
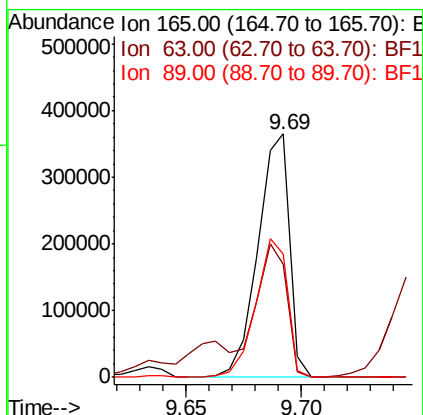
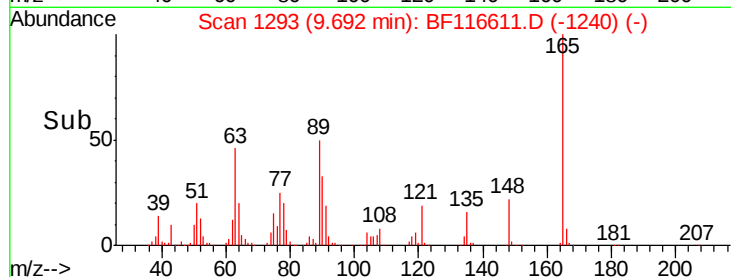
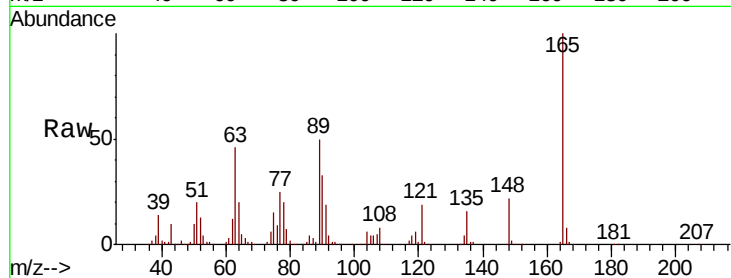




#51
 2,6-Dinitrotoluene
 Concen: 97.891 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

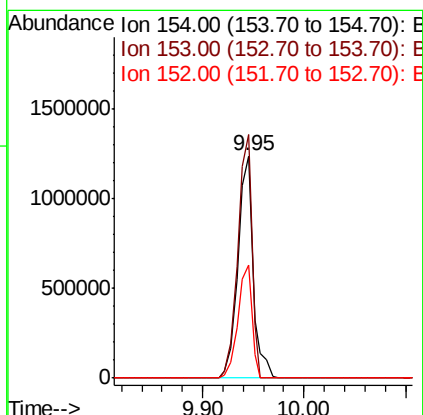
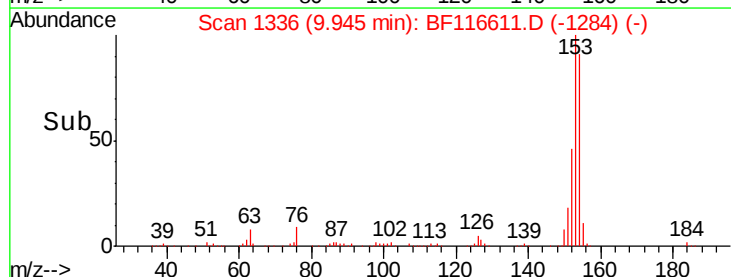
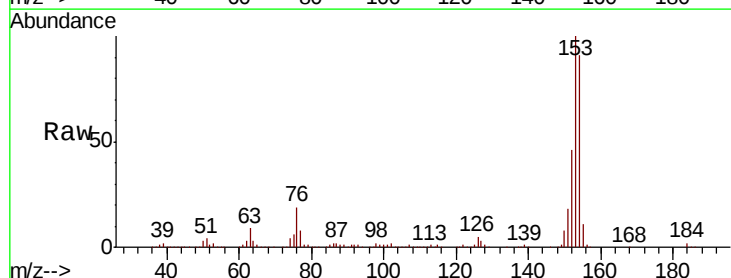
Instrument :
 BNA_F
 ClientSampleId :

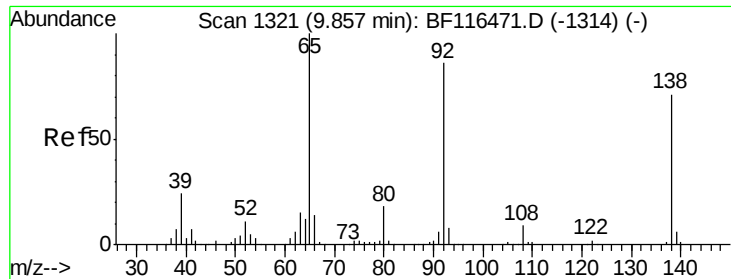
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	37.2	55.8
89	50.5	40.8	61.2



#52
 Acenaphthene
 Concen: 88.877 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.7	86.6	129.8
152	50.9	39.4	59.0

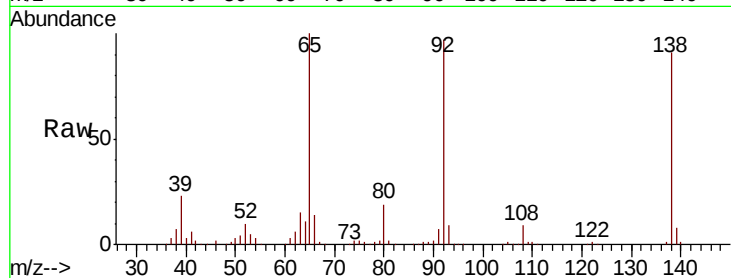




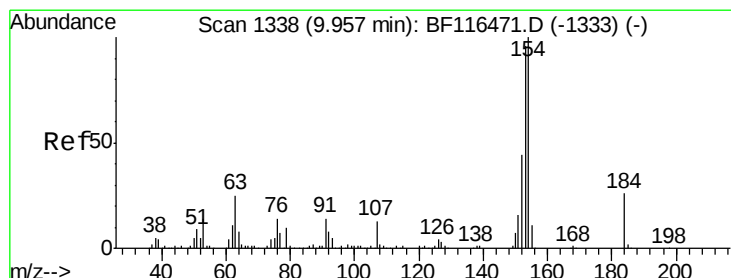
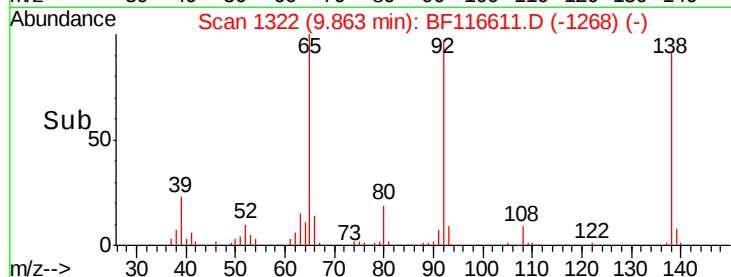
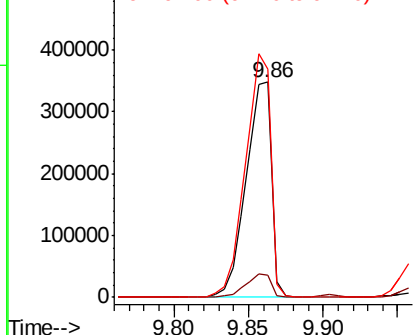
#53
3-Nitroaniline
Concen: 96.484 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.02 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 409186
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 106.1 91.6 137.4

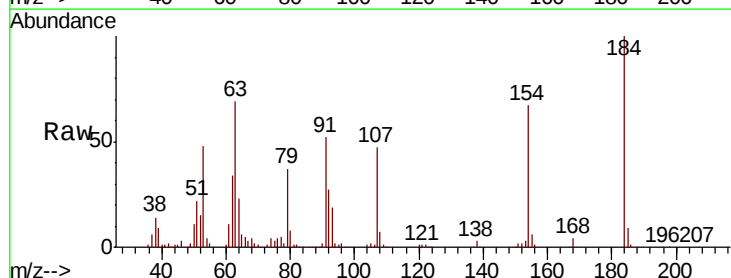


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

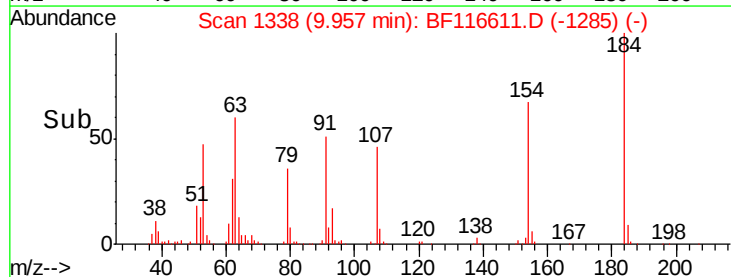
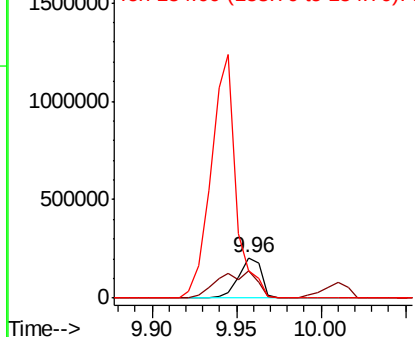


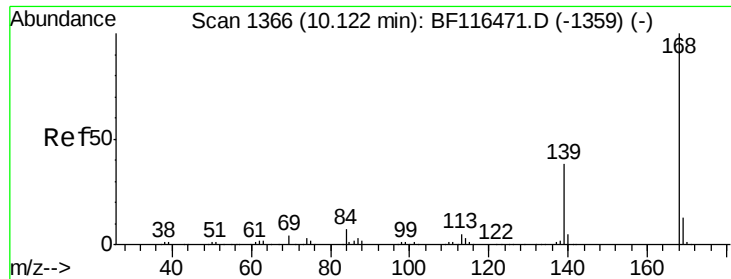
#54
2,4-Dinitrophenol
Concen: 173.855 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Tgt Ion:184 Resp: 194479
Ion Ratio Lower Upper
184 100
63 69.0 62.7 94.1
154 67.5 150.0 225.0#



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

Dibenzofuran

Concen: 85.044 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

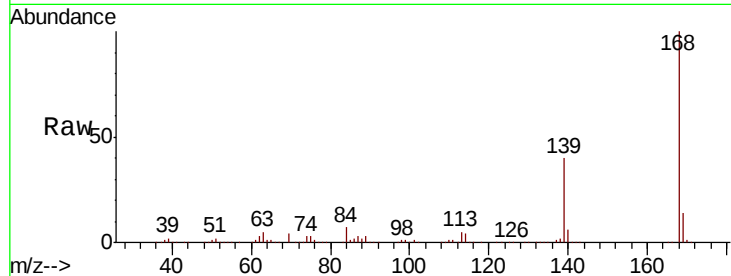
Tot Ion:168 Resp: 1718570

Ion Ratio Lower Upper

168 100

139 40.3 31.3 46.9

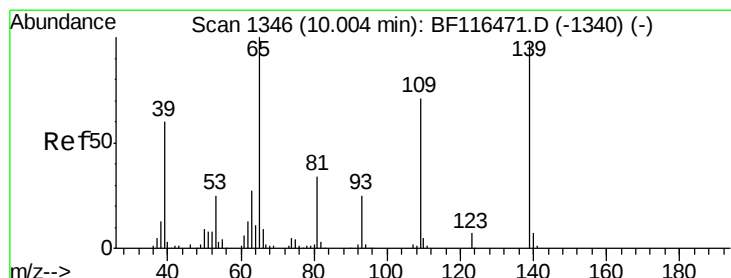
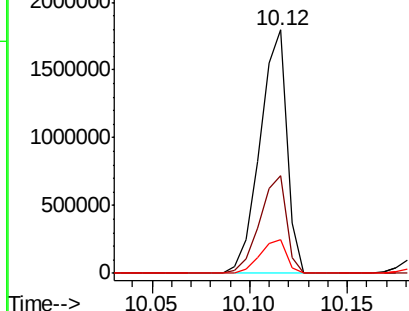
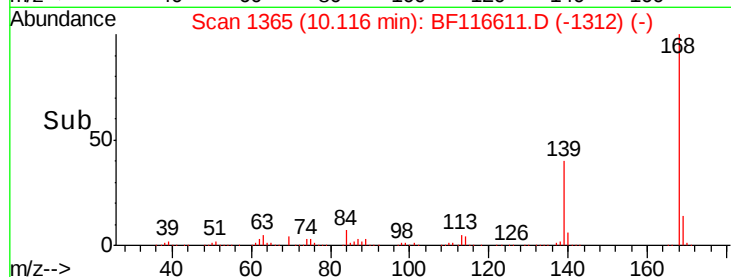
169 13.9 11.3 16.9



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: 94.897 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

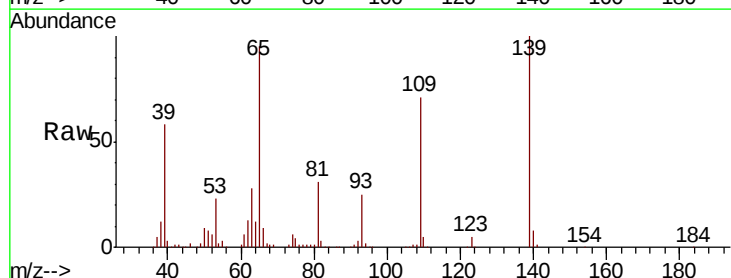
Tgt Ion:139 Resp: 312810

Ion Ratio Lower Upper

139 100

109 71.3 45.5 85.5

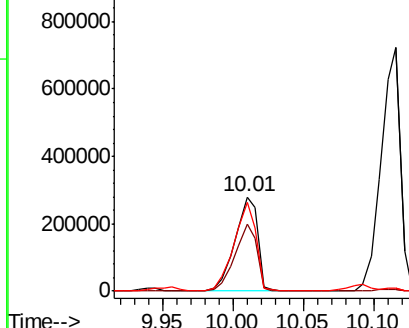
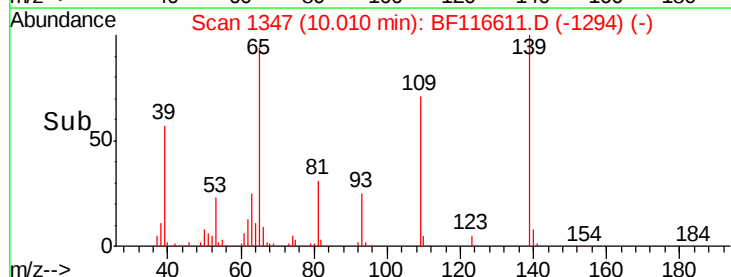
65 94.6 66.8 106.8

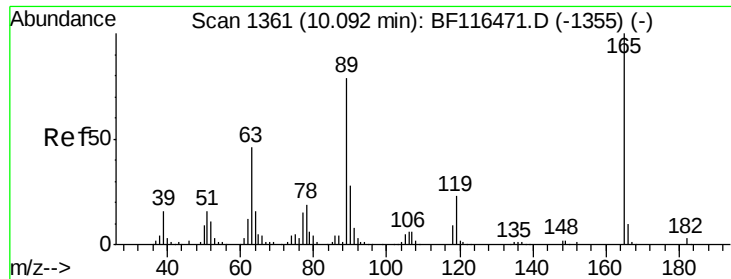


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

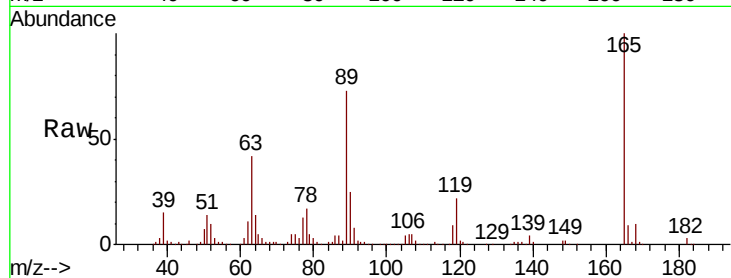




#57
2,4-Dinitrotoluene
Concen: 100.225 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	30.9	46.3
89	73.2	55.0	82.6
182	2.7	2.2	3.2



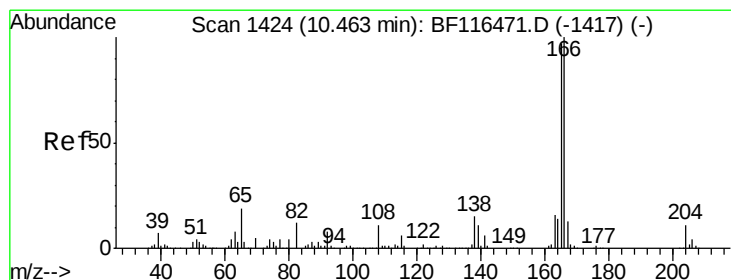
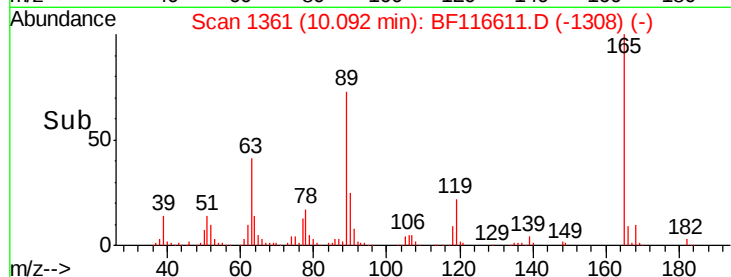
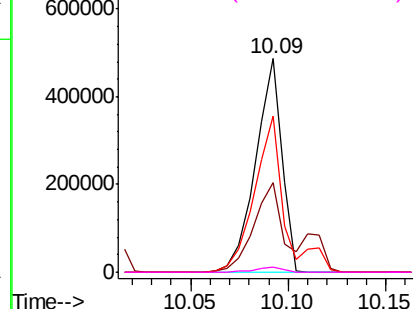
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

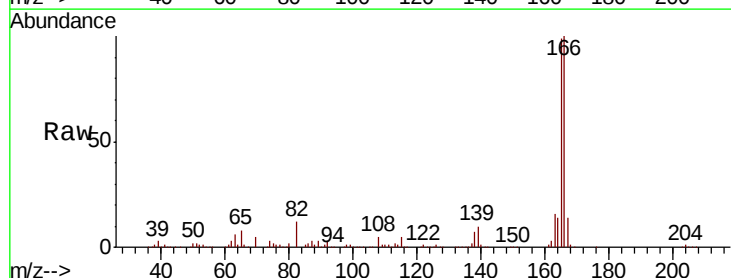
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 81.562 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.6	10.6	16.0

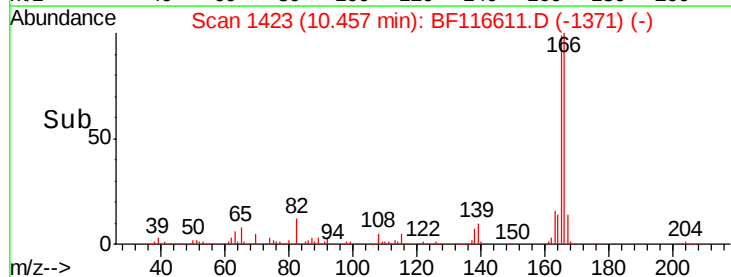
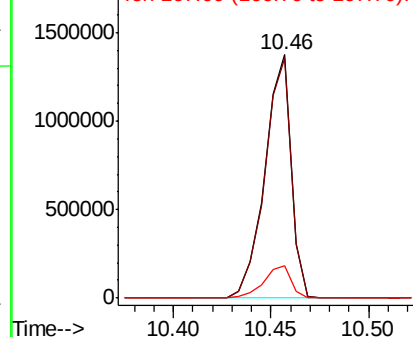


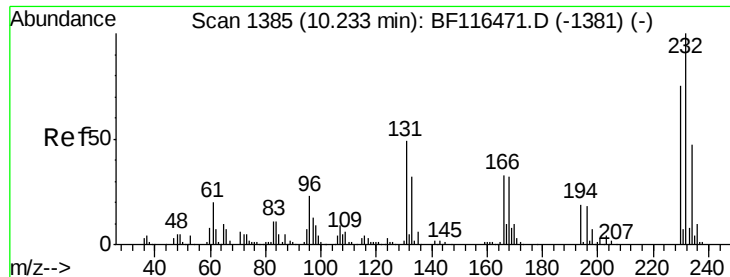
Abundance

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

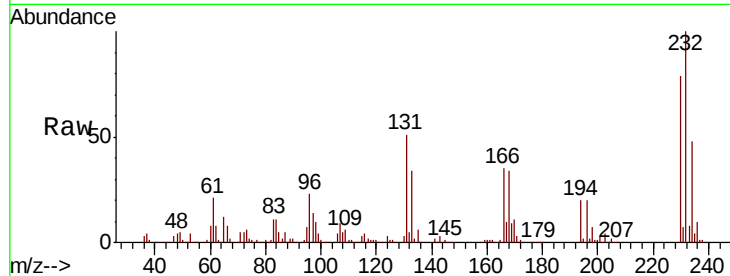




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 93.741 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.5	37.7	56.5
130	2.4	1.8	2.6
166	33.6	25.5	38.3



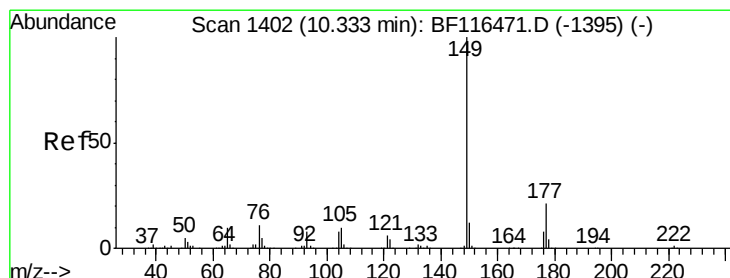
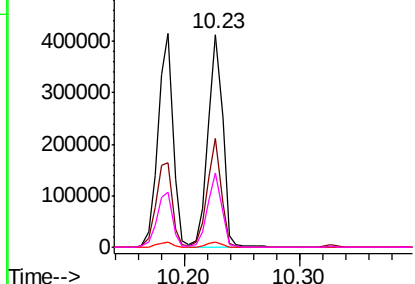
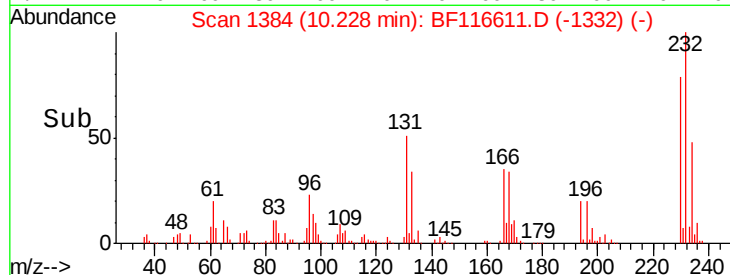
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

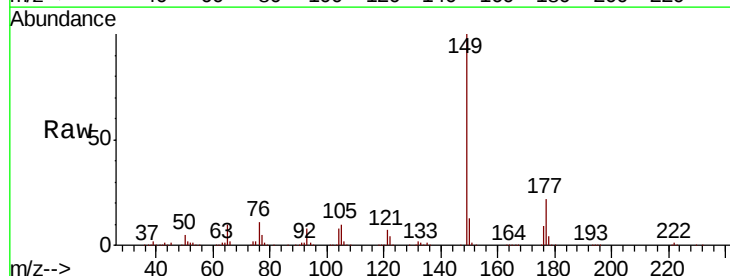
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 85.570 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.4
150	12.8	10.1	15.1

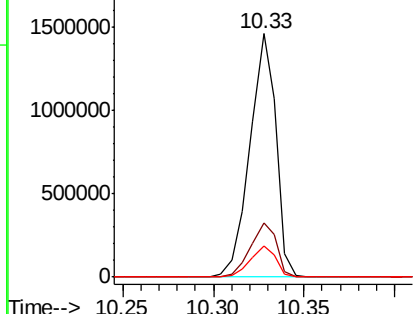
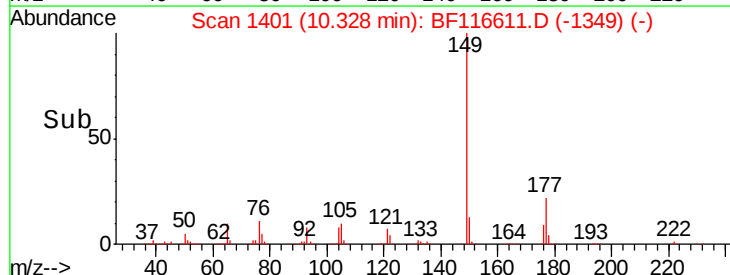


Abundance

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

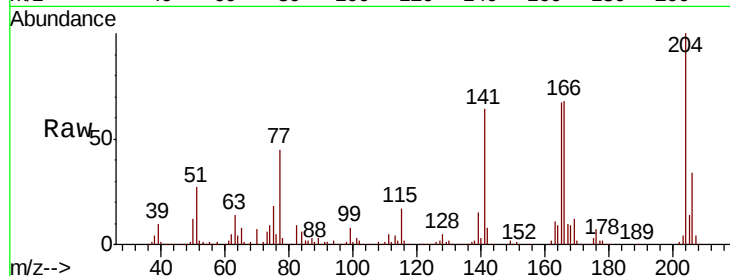




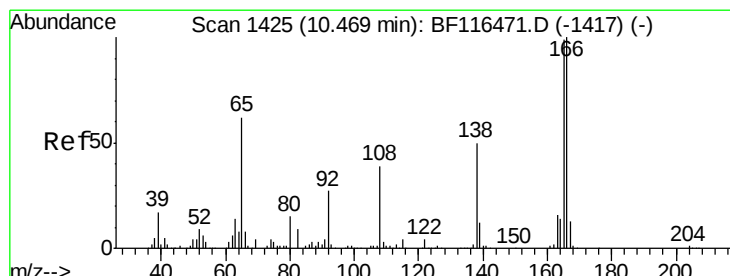
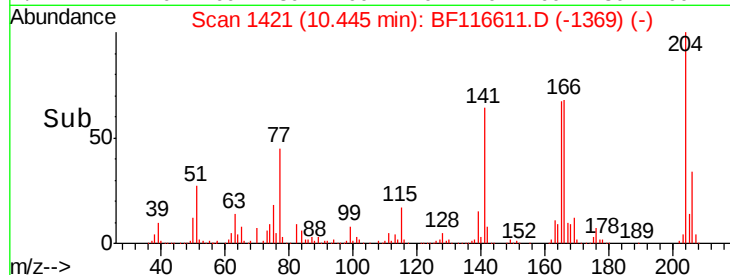
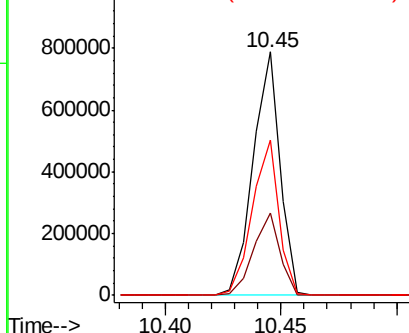
#61
 4-Chlorophenyl-phenylether
 Concen: 83.910 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 642704
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.0 39.0
 141 64.0 47.9 71.9

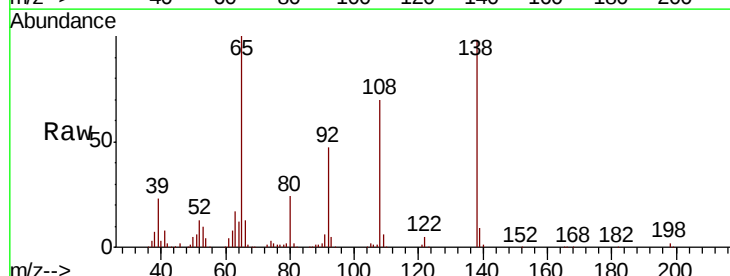


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

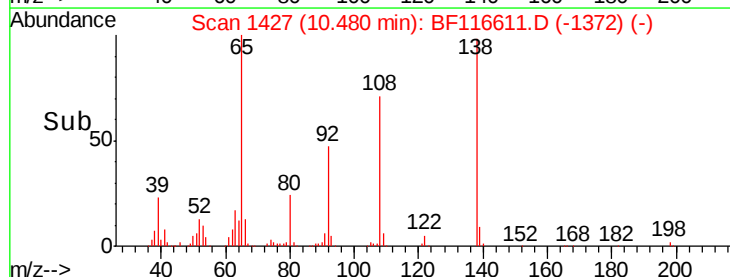
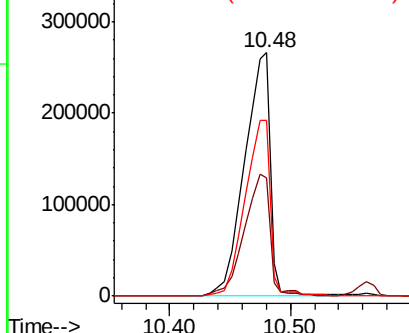


#62
 4-Nitroaniline
 Concen: 95.716 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.02 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion:138 Resp: 397006
 Ion Ratio Lower Upper
 138 100
 92 48.4 28.9 68.9
 108 72.2 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



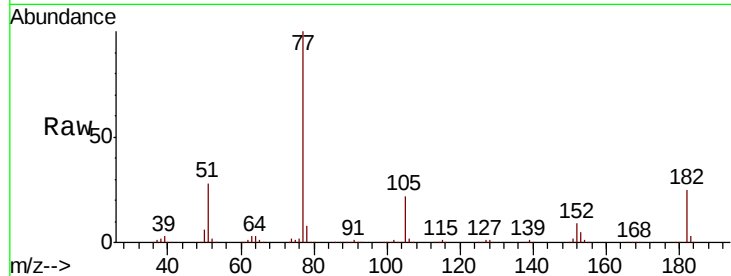


#63
Azobenzene
Concen: 82.664 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1452062

Ion	Ratio	Lower	Upper
77	100		
182	24.6	3.8	43.8
105	22.3	1.6	41.6
51	28.0	6.1	46.1



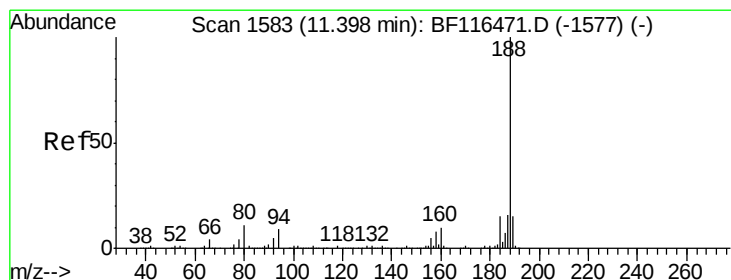
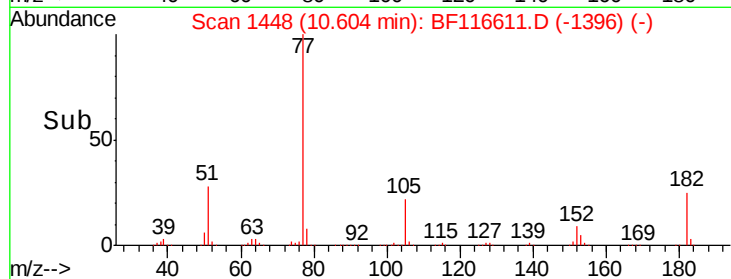
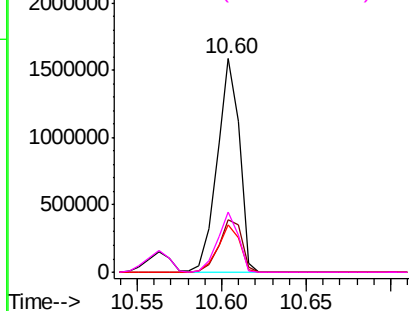
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

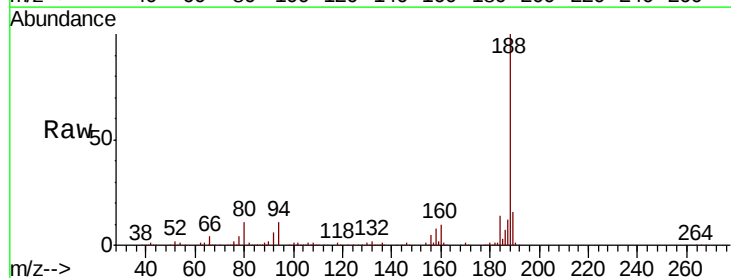
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Tgt Ion: 188 Resp: 406085

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.4
80	11.5	8.9	13.3

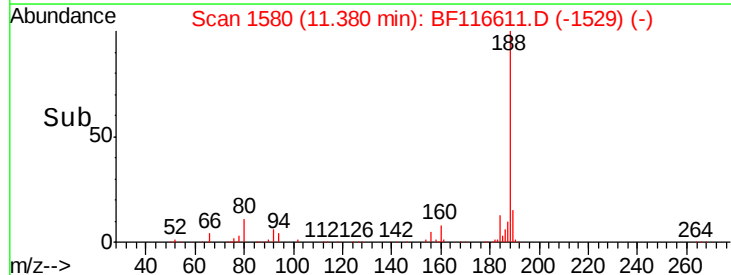
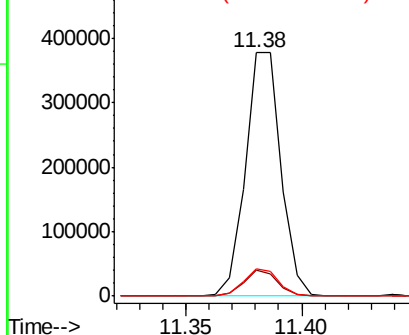


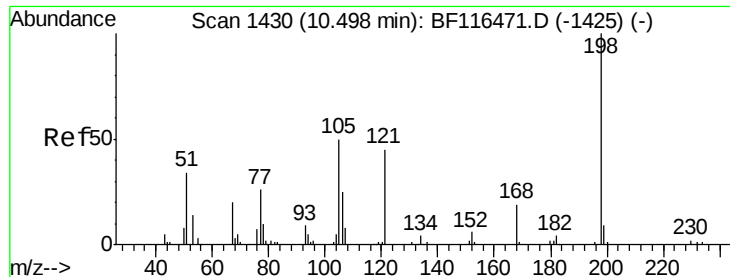
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

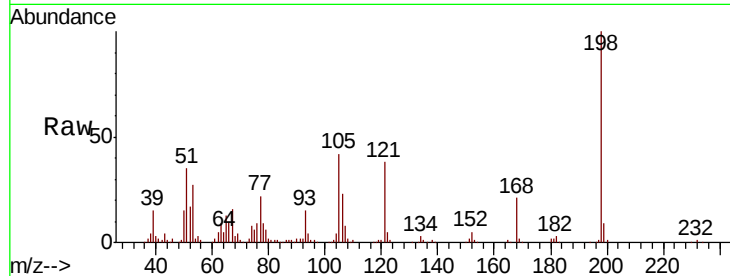




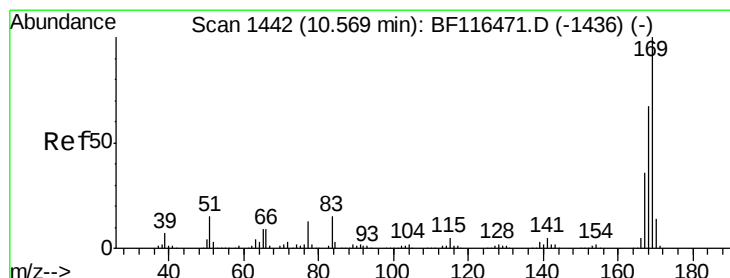
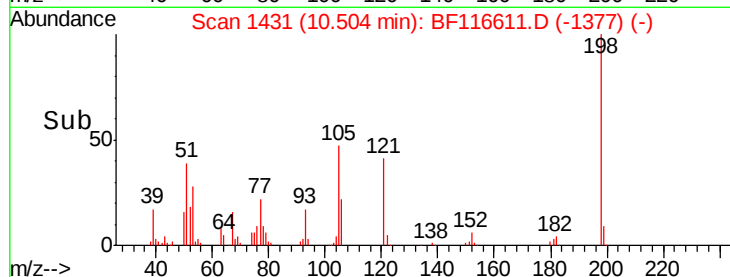
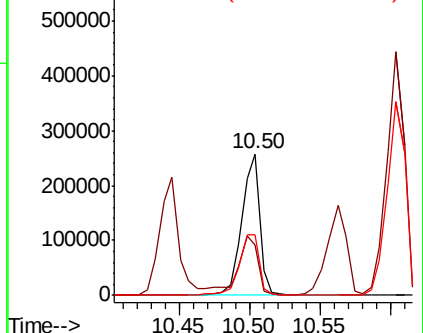
#65
4,6-Dinitro-2-methylphenol
Concen: 153.456 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 227663
Ion Ratio Lower Upper
198 100
51 35.2 21.9 61.9
105 42.4 25.2 65.2

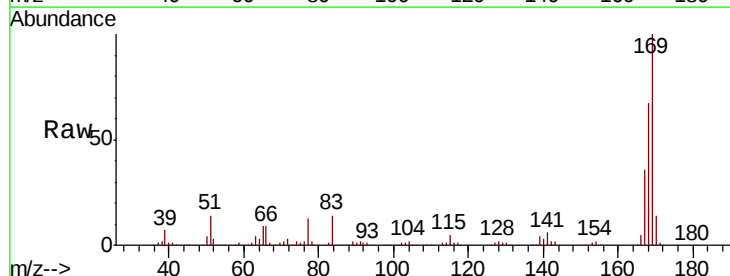


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

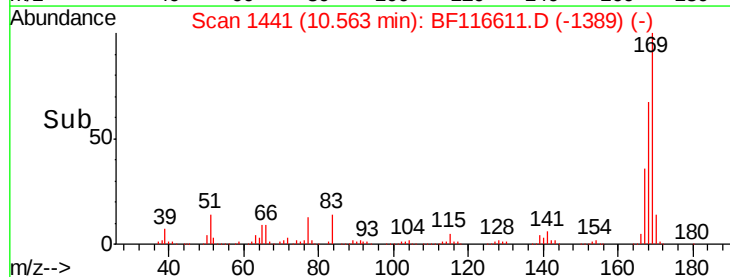
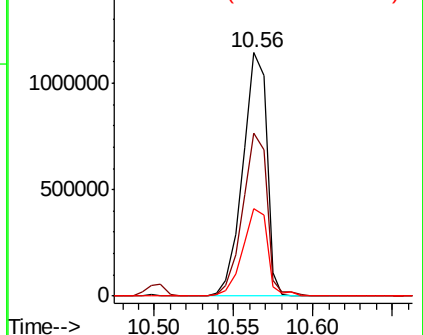


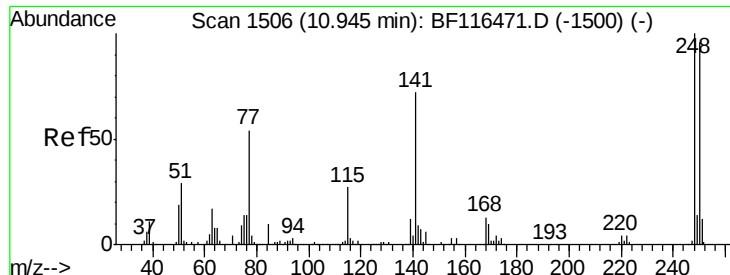
#66
n-Nitrosodiphenylamine
Concen: 90.703 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Tgt Ion:169 Resp: 1192643
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 36.1 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

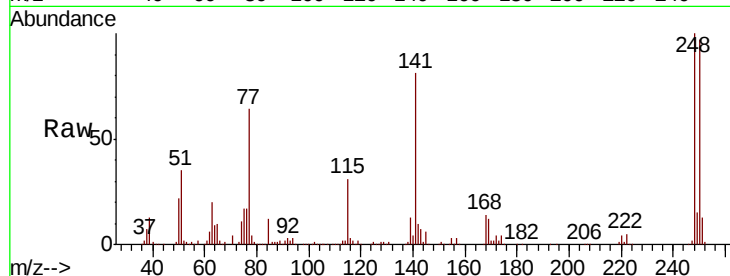




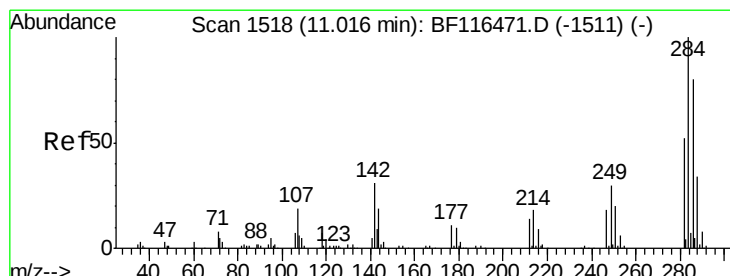
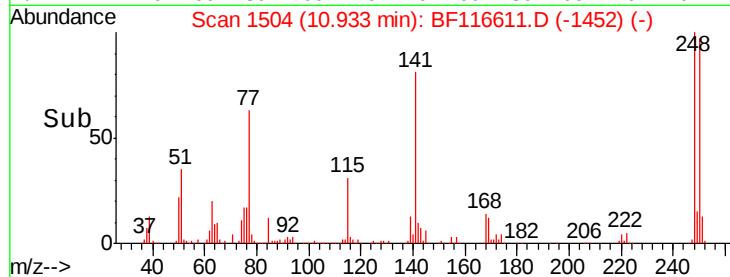
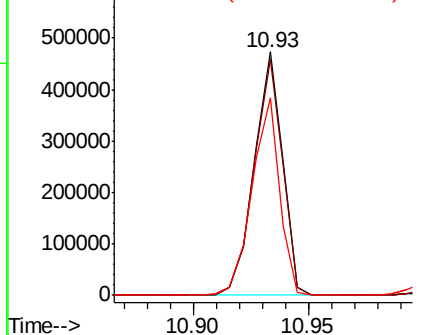
#67
 4-Bromophenyl-phenylether
 Concen: 95.467 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 406435
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.6 115.0
 141 81.3 60.8 91.2

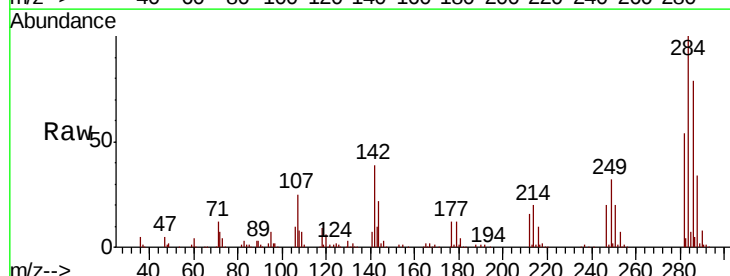


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

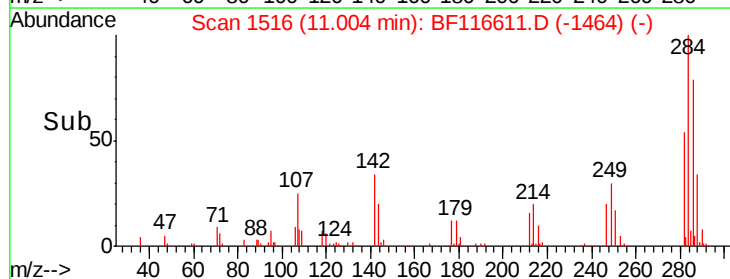
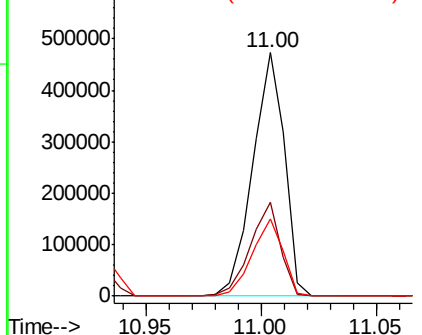


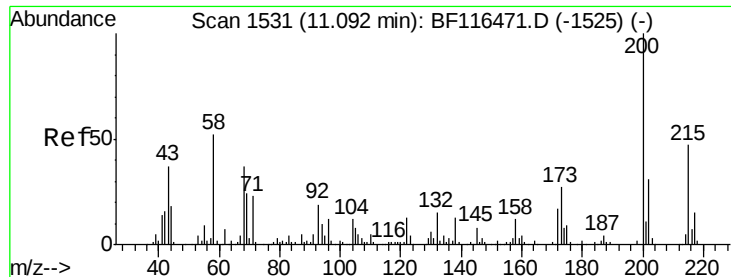
#68
 Hexachlorobenzene
 Concen: 95.901 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion:284 Resp: 451575
 Ion Ratio Lower Upper
 284 100
 142 38.7 27.8 41.8
 249 32.0 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

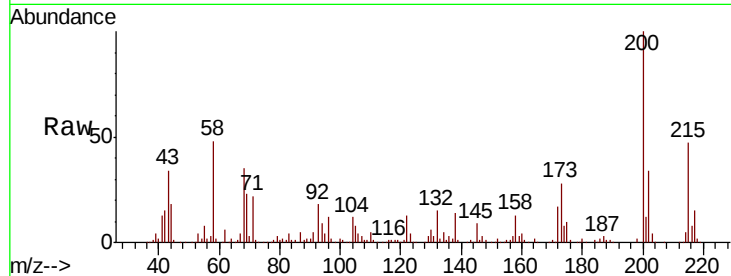




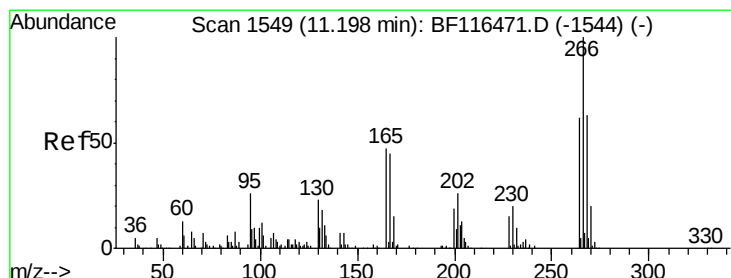
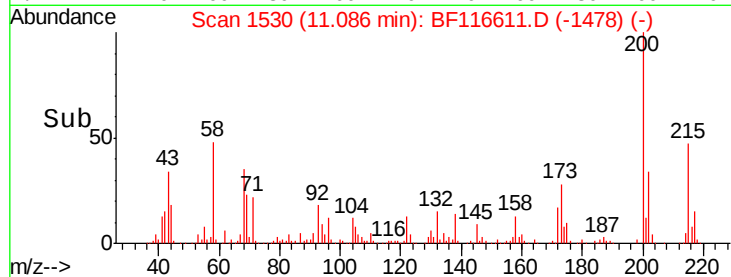
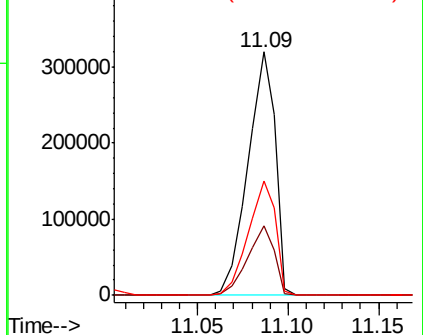
#69
 Atrazine
 Concen: 85.351 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	6.8	46.8
215	47.0	28.5	68.5

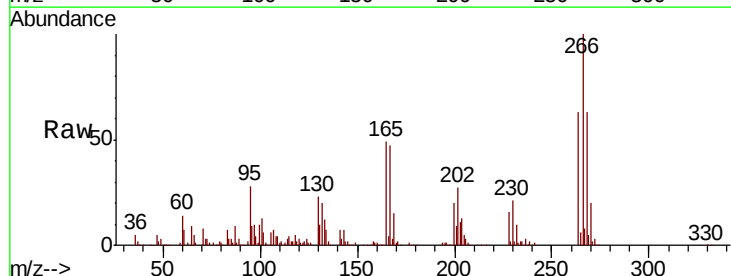


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

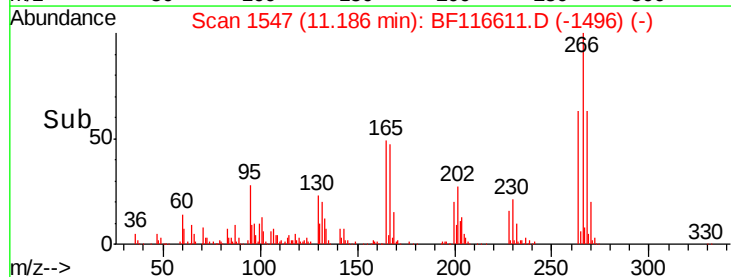
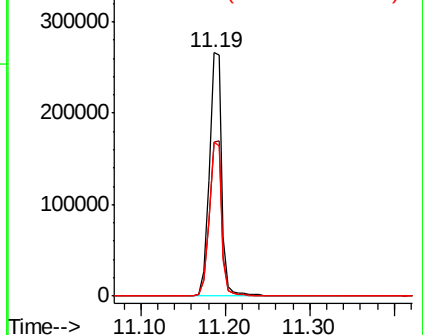


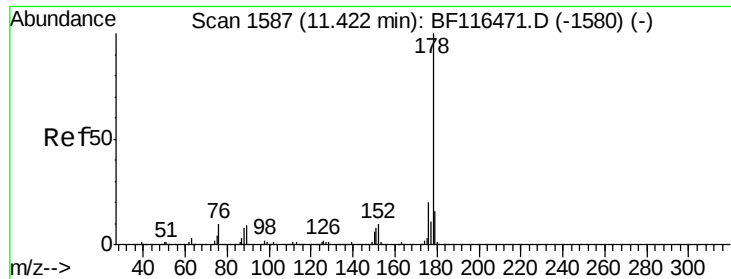
#70
 Pentachlorophenol
 Concen: 100.860 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.8	74.8
264	63.2	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

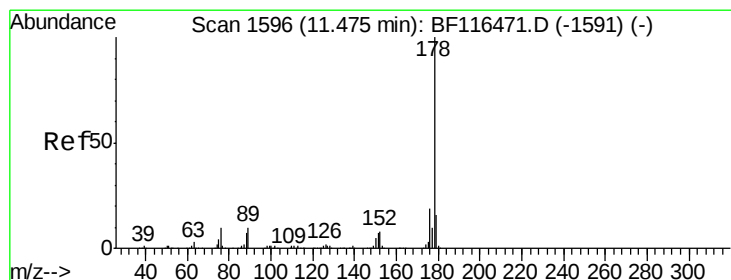
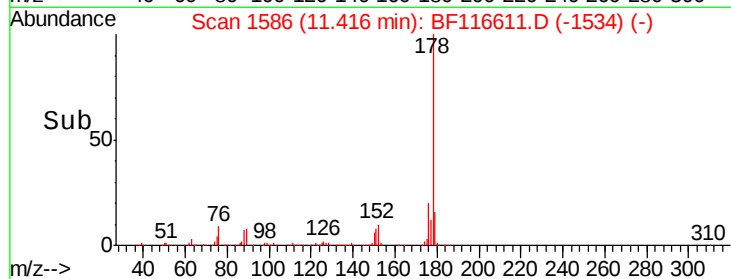
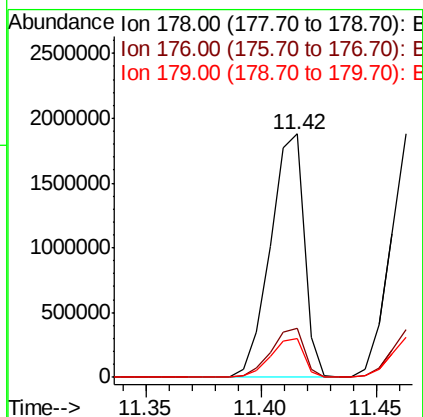
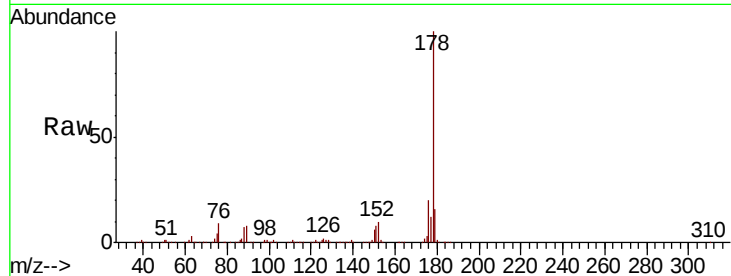




#71
Phenanthrene
Concen: 86.149 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

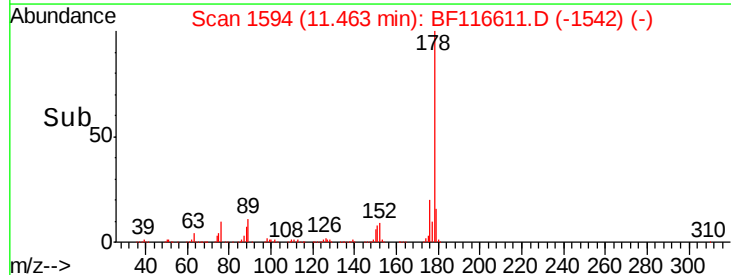
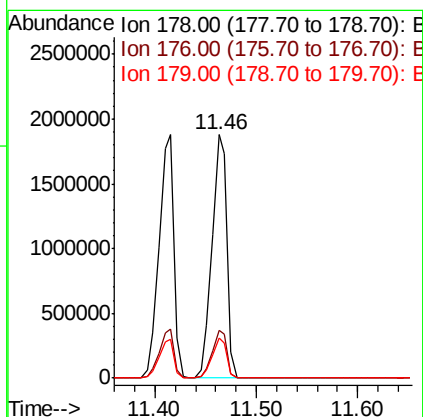
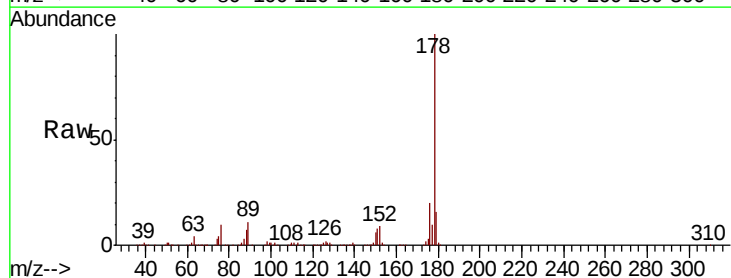
Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1905777
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 15.8 12.4 18.6



#72
Anthracene
Concen: 86.279 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Tgt Ion:178 Resp: 1917924
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 16.3 12.7 19.1



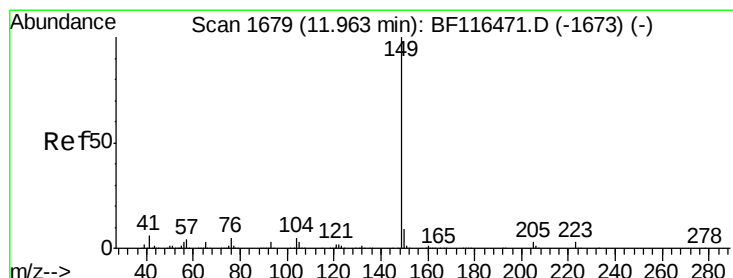
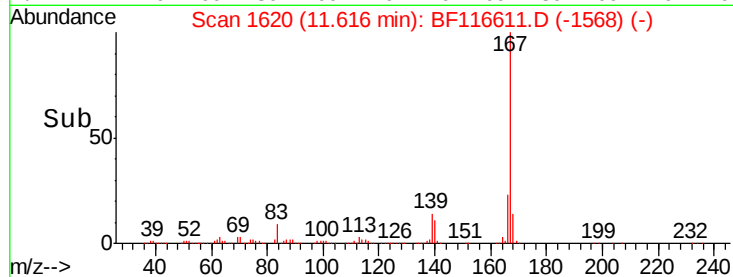
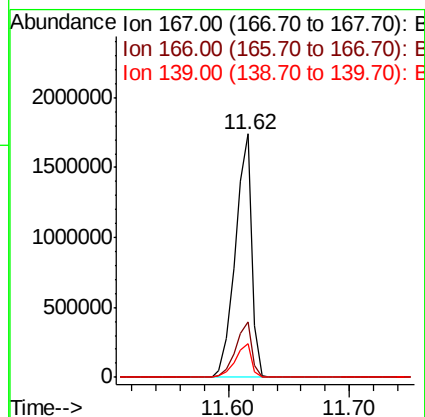
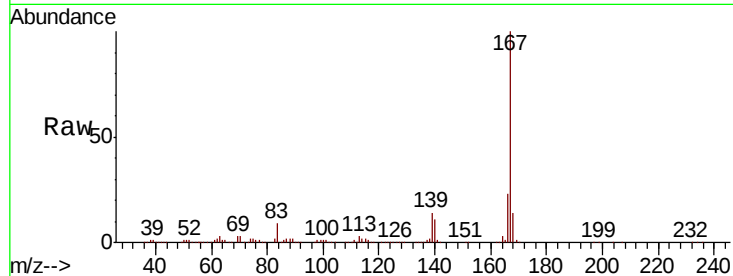


#73
 Carbazole
 Concen: 82.755 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1651257

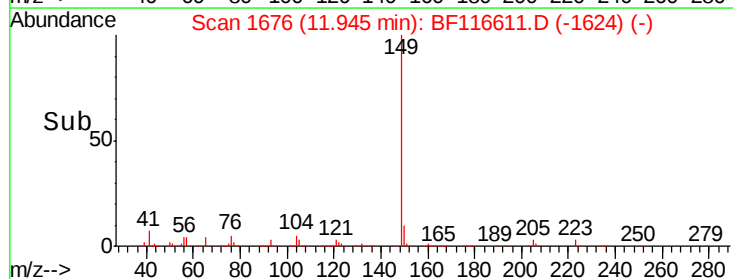
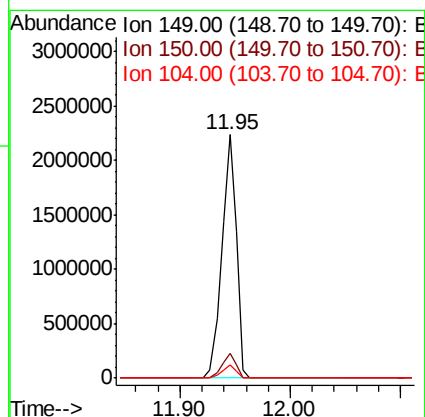
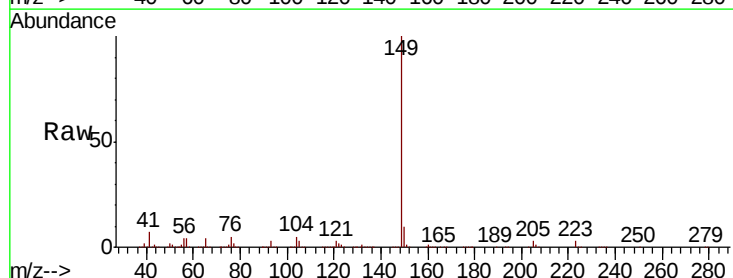
Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.9	26.9
139	13.7	10.3	15.5

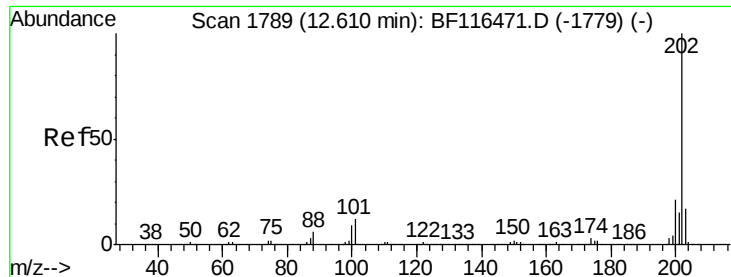


#74
 Di-n-butylphthalate
 Concen: 81.772 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion:149 Resp: 2021860

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.5	4.2	6.4

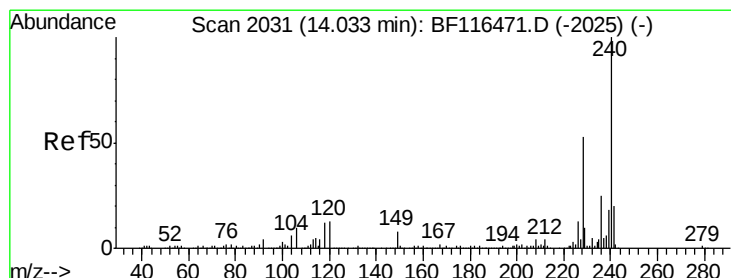
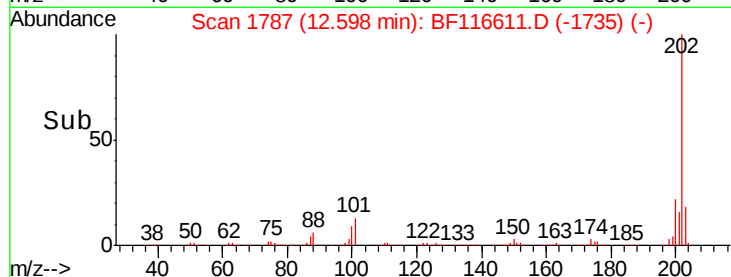
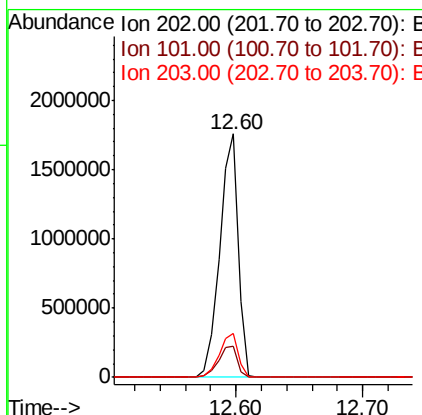
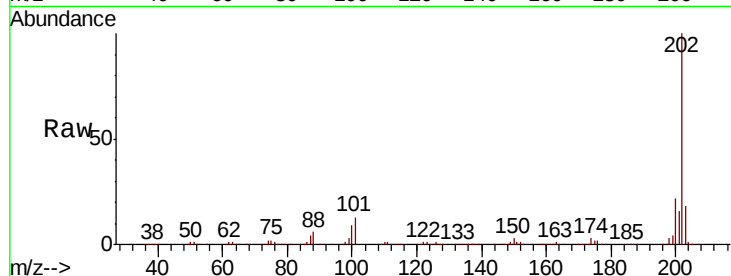




#75
 Fluoranthene
 Concen: 77.902 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

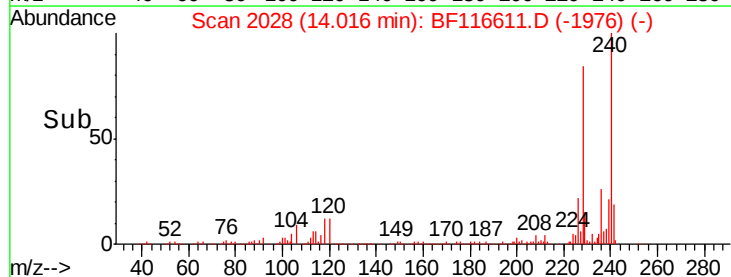
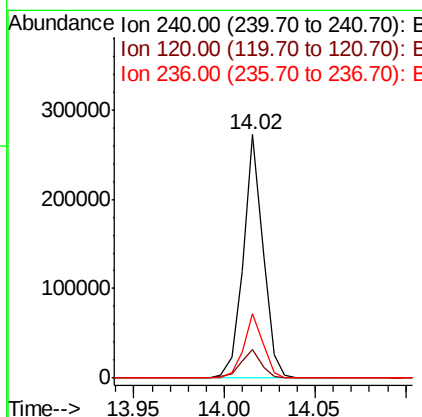
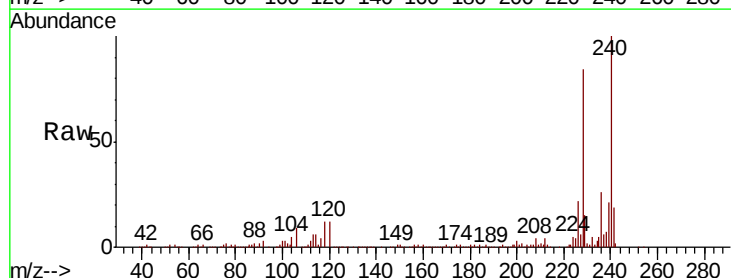
Instrument :
 BNA_F
 ClientSampleId :

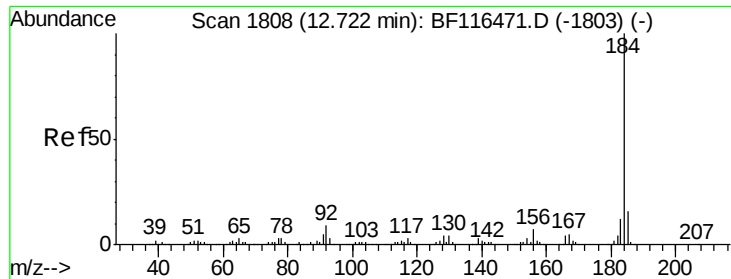
Tot Ion:202 Resp: 1781704
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 31.8
 203 18.3 0.0 37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF116611.D
 Acq: 28 Aug 2019 12:11

Tgt Ion:240 Resp: 206428
 Ion Ratio Lower Upper
 240 100
 120 11.7 11.3 16.9
 236 26.4 21.4 32.2





#77

Benzidine

Concen: 52.992 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

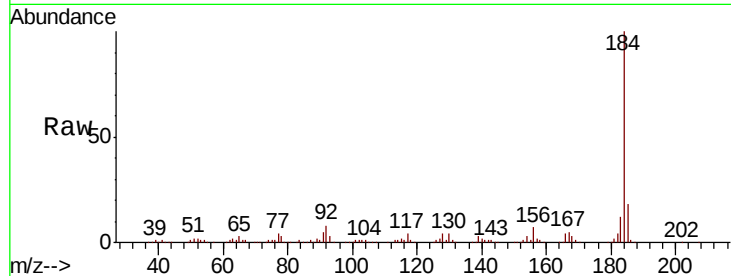
Tot Ion:184 Resp: 440110

Ion Ratio Lower Upper

184 100

185 18.2 11.5 17.3#

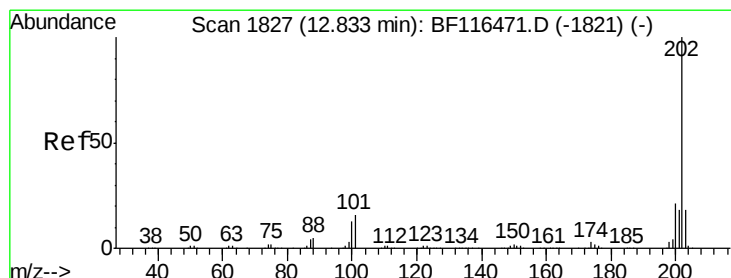
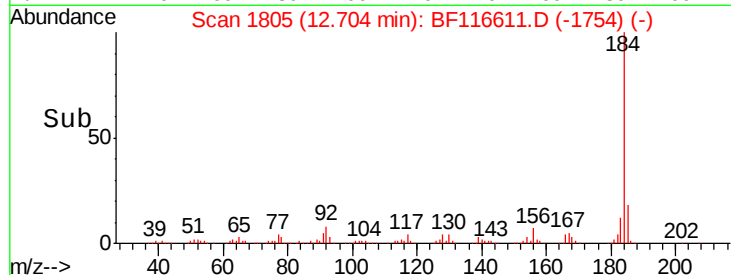
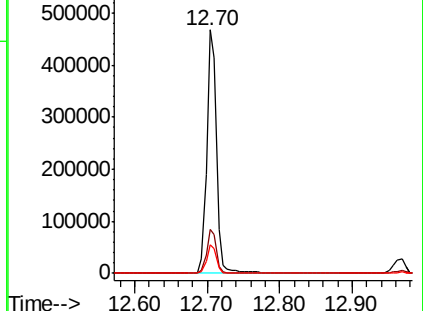
183 11.9 9.3 13.9



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: 107.894 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

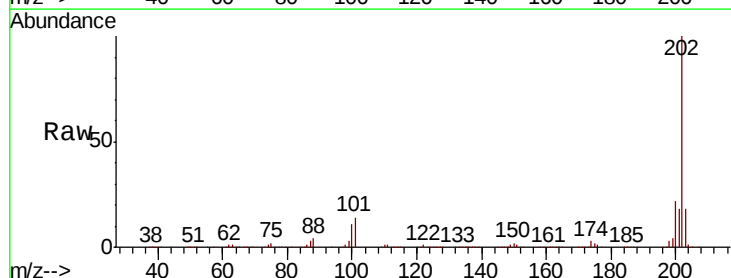
Tgt Ion:202 Resp: 1781145

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.0

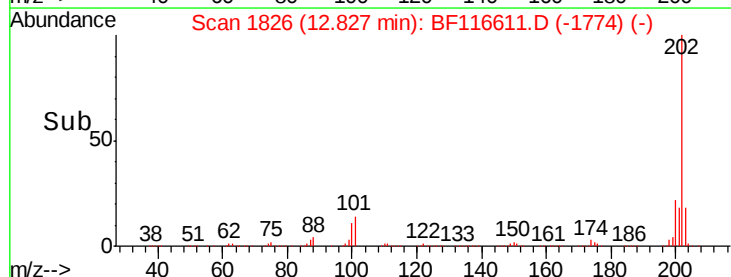
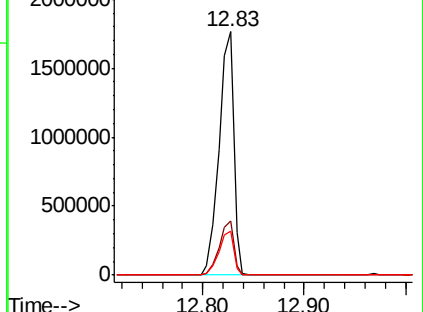
203 18.0 14.2 21.4

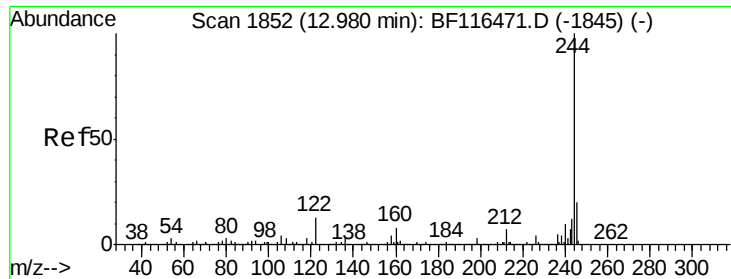


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 205.401 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

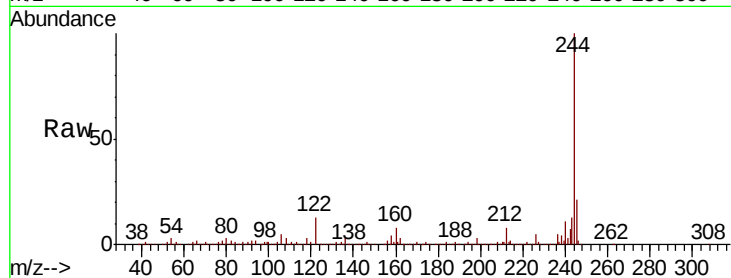
Tot Ion:244 Resp: 2269958

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

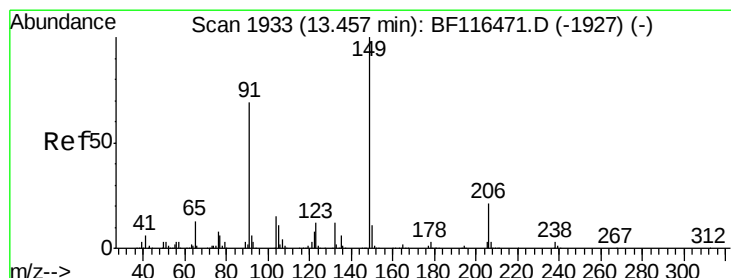
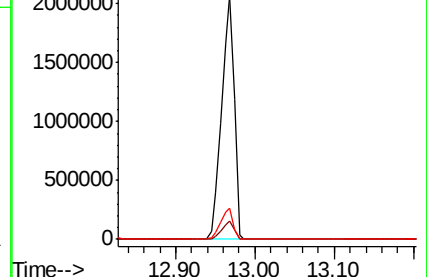
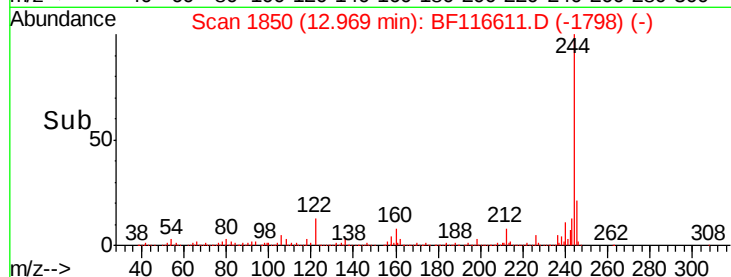
122 13.0 10.0 15.0



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: 98.005 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

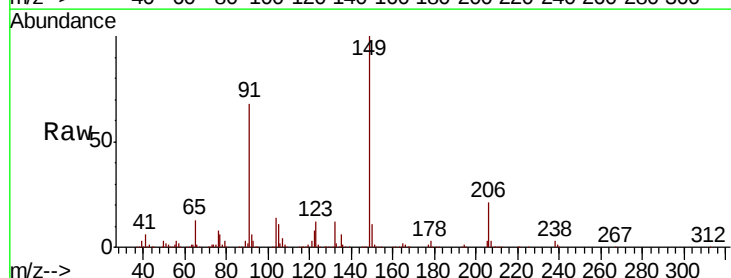
Tgt Ion:149 Resp: 698715

Ion Ratio Lower Upper

149 100

91 67.7 57.9 86.9

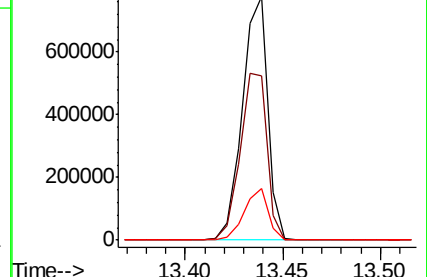
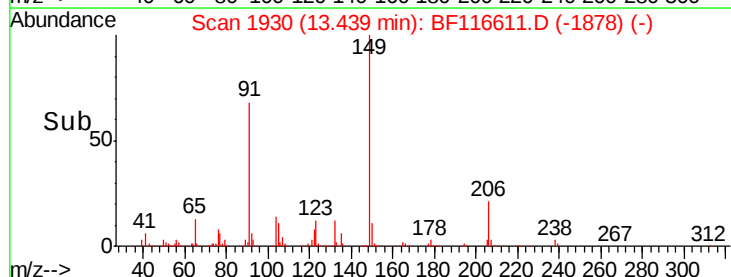
206 21.0 16.2 24.4

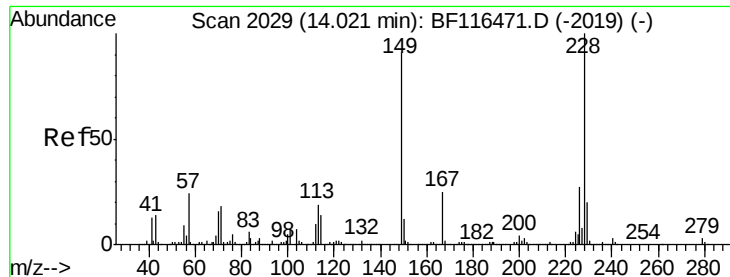


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 93.811 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

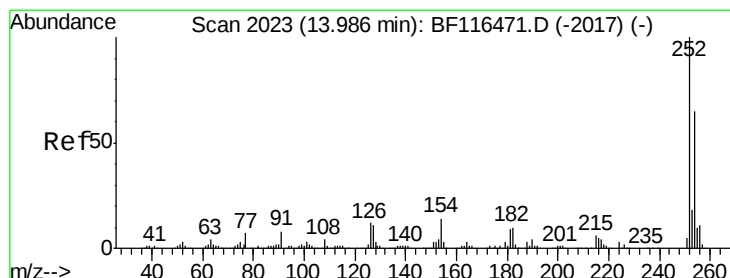
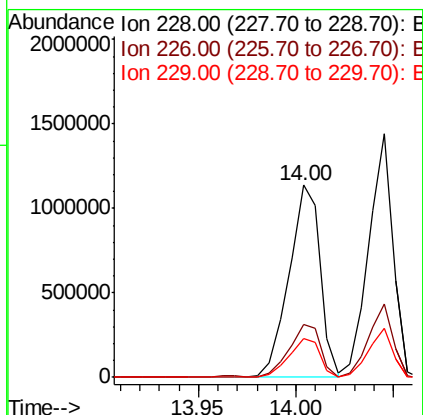
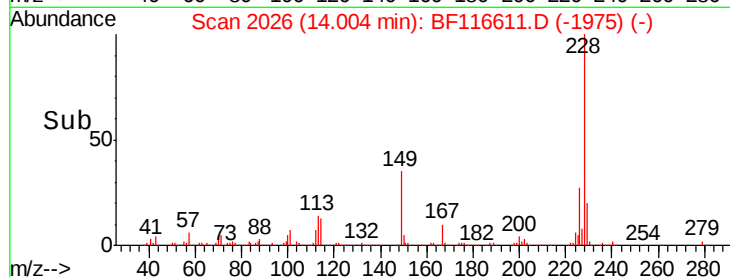
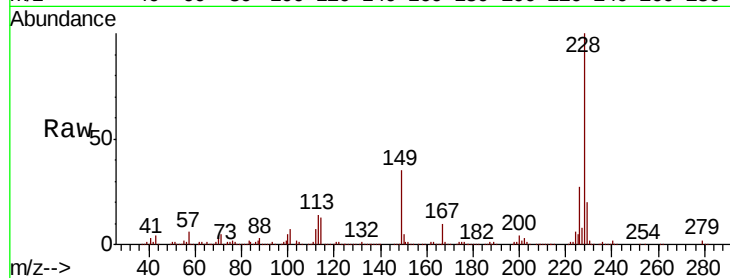
Tot Ion:228 Resp: 1254212

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 20.1 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 83.379 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

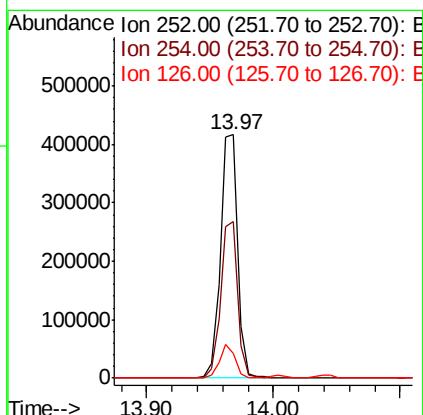
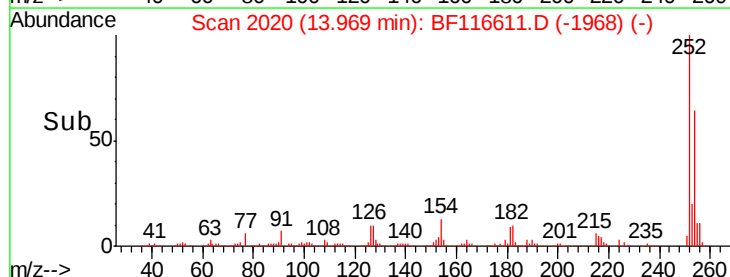
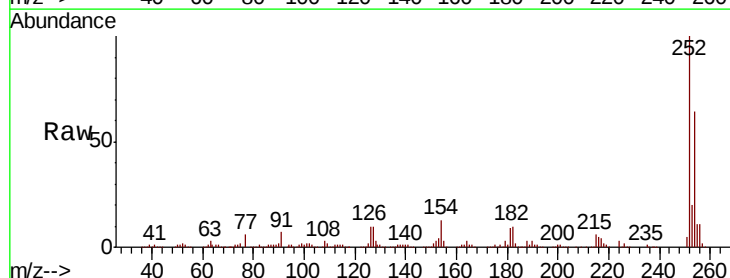
Tgt Ion:252 Resp: 397254

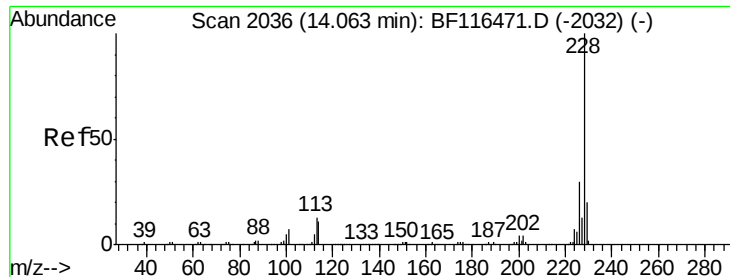
Ion Ratio Lower Upper

252 100

254 64.3 51.9 77.9

126 10.3 8.7 13.1





#83

Chrvsene

Concen: 91.996 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

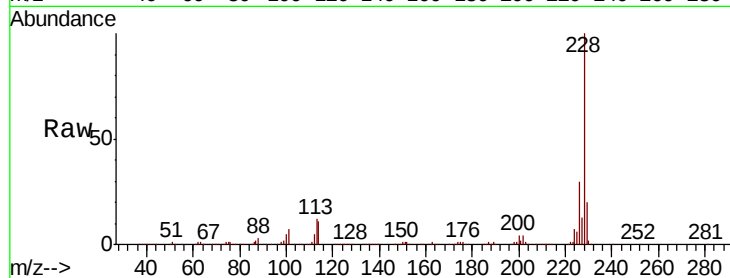
Tot Ion:228 Resp: 1246640

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.0 15.8 23.8

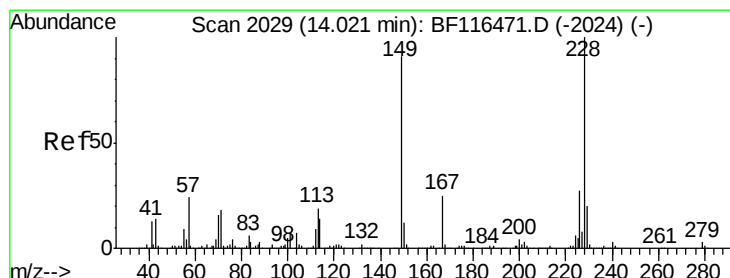
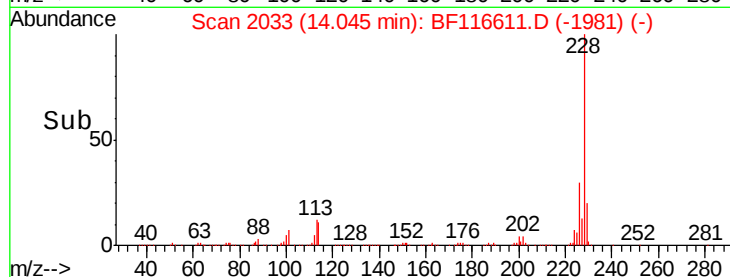
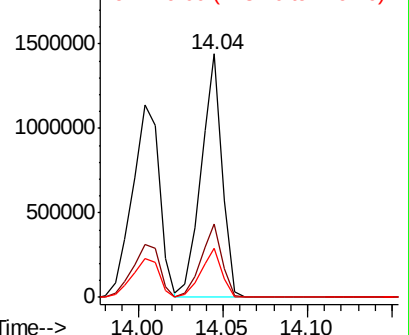


Abundance

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: 87.003 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

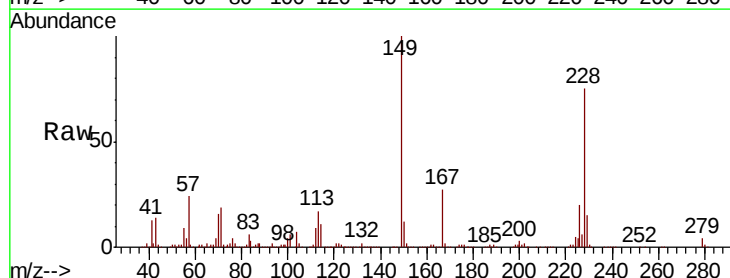
Tgt Ion:149 Resp: 827110

Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

279 4.0 2.7 4.1

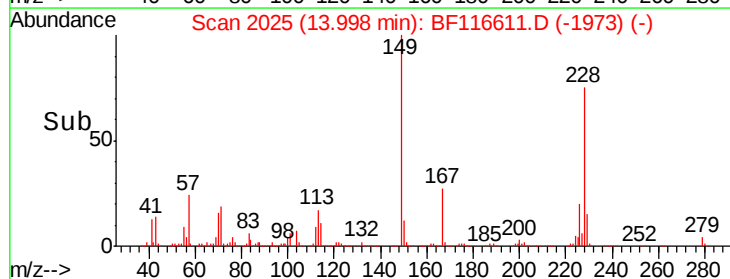
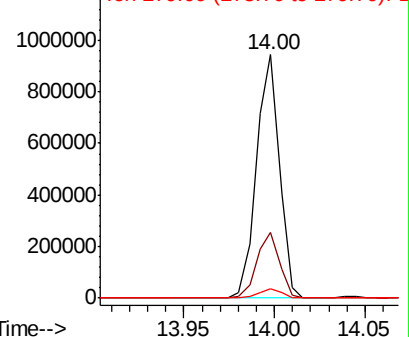


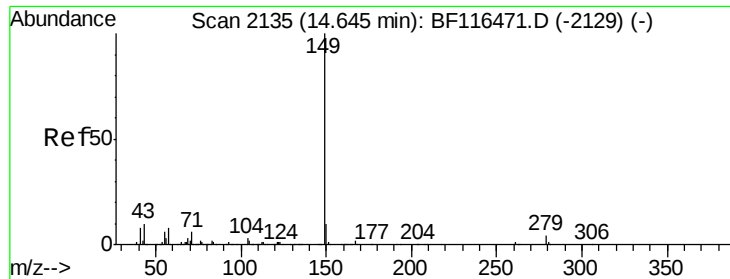
Abundance

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: 80.681 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

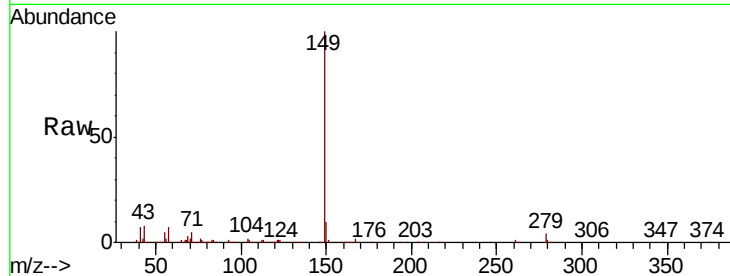
Tot Ion:149 Resp: 1302161

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

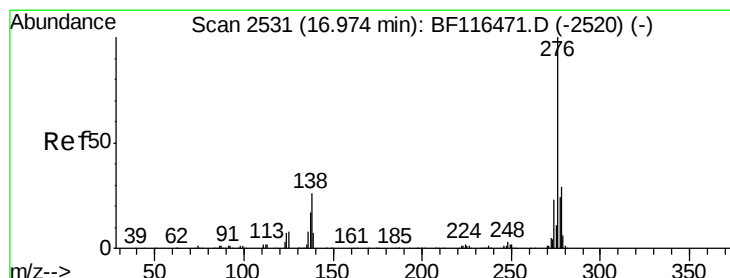
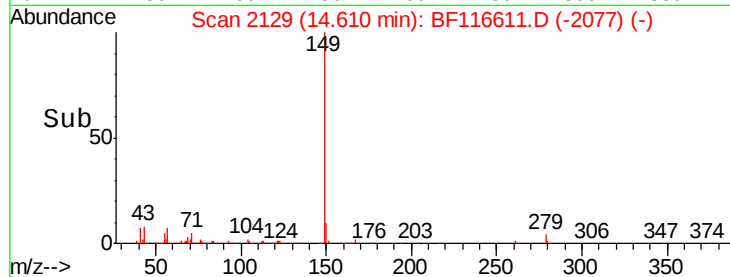
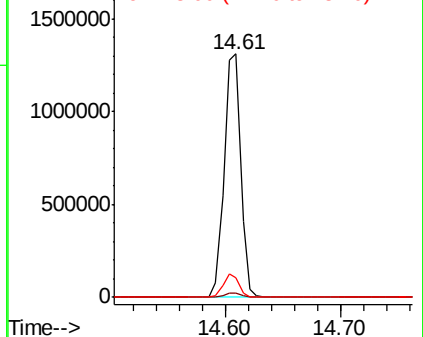
43 9.3 7.4 11.0



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: 124.669 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

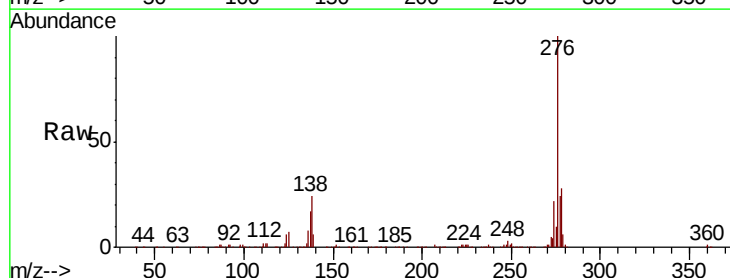
Tgt Ion:276 Resp: 1447156

Ion Ratio Lower Upper

276 100

138 27.8 21.5 32.3

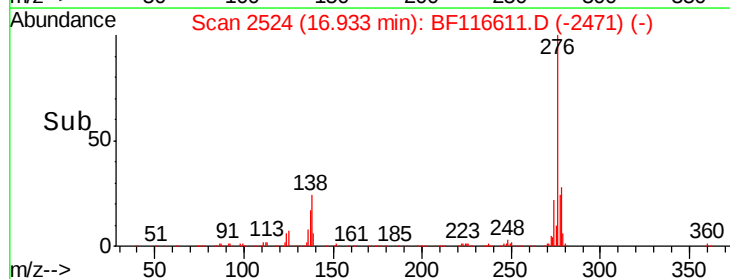
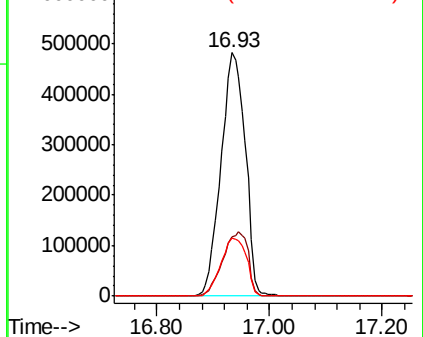
277 25.3 20.0 30.0

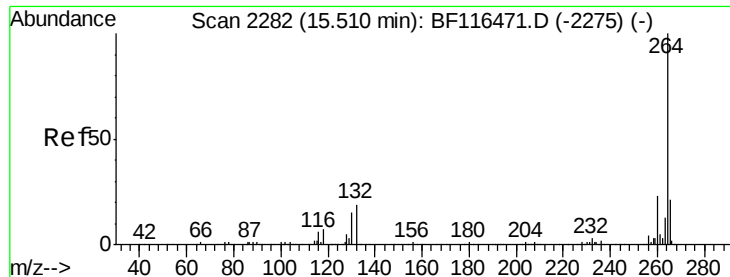


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2275

Delta R.T. 0.00 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

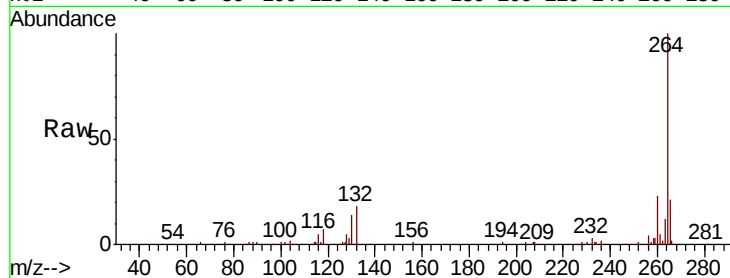
Tot Ion:264 Resp: 213101

Ion Ratio Lower Upper

264 100

260 22.9 20.0 30.0

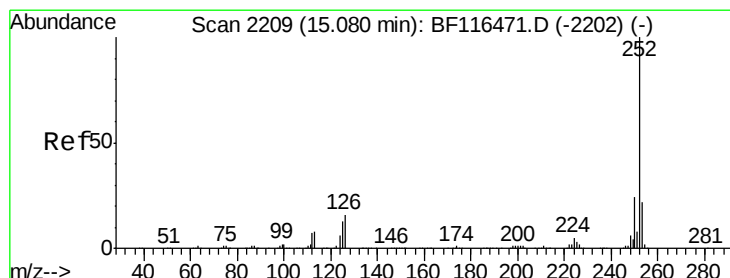
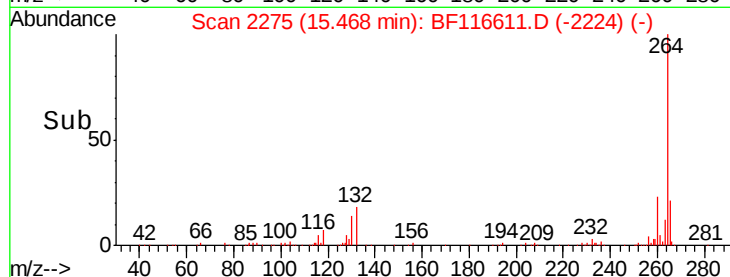
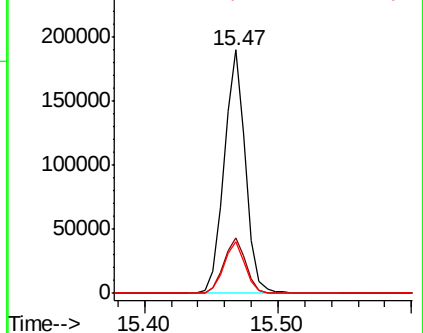
265 21.2 17.6 26.4



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: 88.663 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

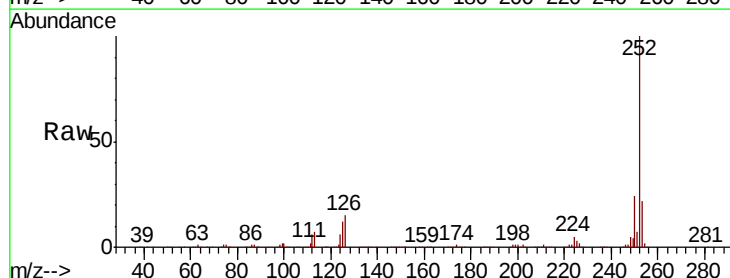
Tgt Ion:252 Resp: 1167188

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

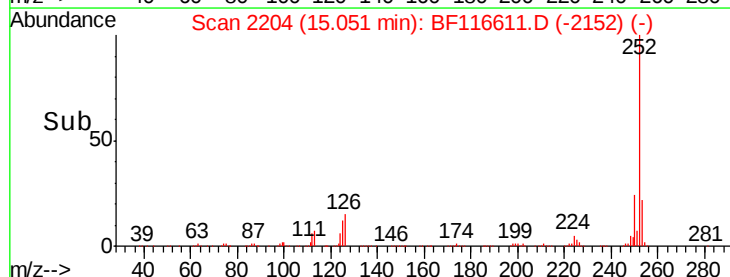
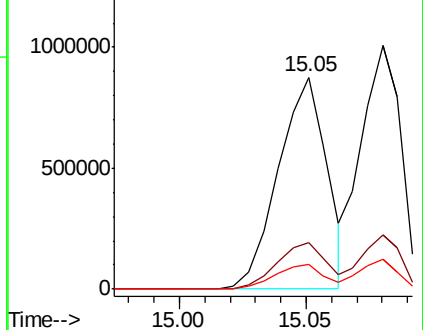
125 11.6 9.0 13.6



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

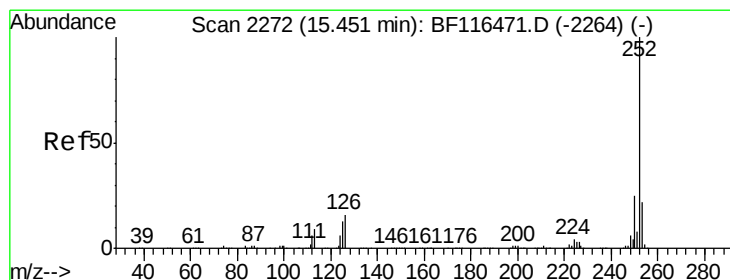
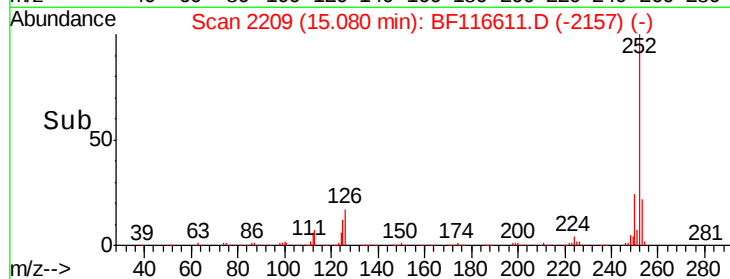
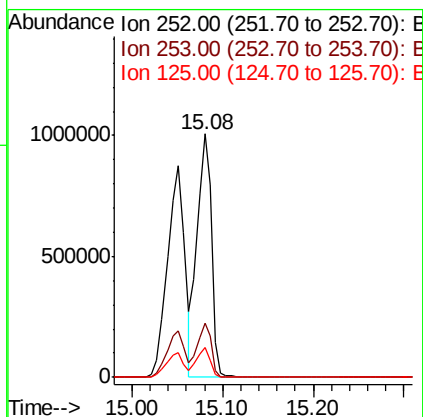
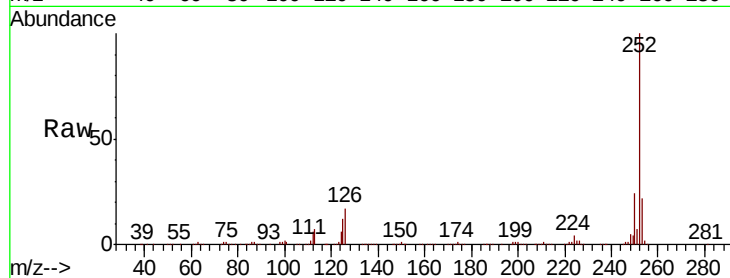




#89
Benzo(k)fluoranthene
Concen: 93.353 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

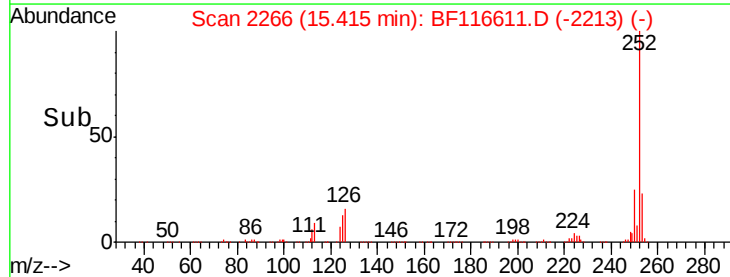
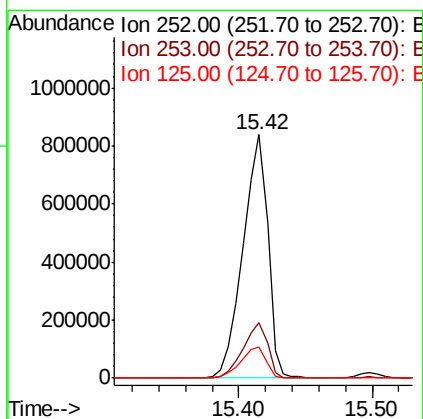
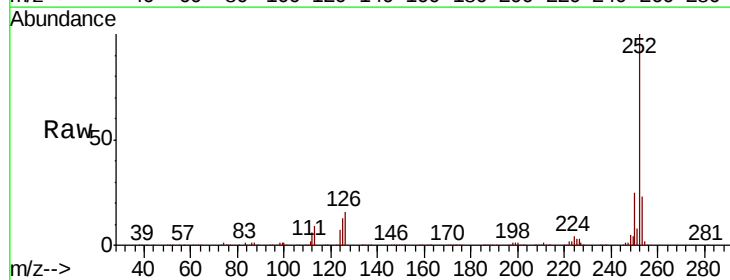
Instrument :
BNA_F
ClientSampleId :

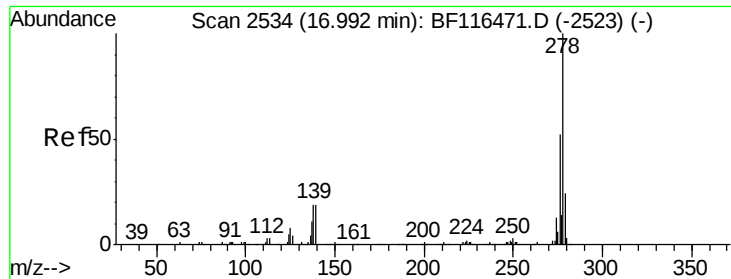
Tot Ion:252 Resp: 1113350
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.1 8.6 13.0



#90
Benzo(a)pyrene
Concen: 92.723 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF116611.D
Acq: 28 Aug 2019 12:11

Tgt Ion:252 Resp: 1078814
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 13.1 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 121.246 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.02 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

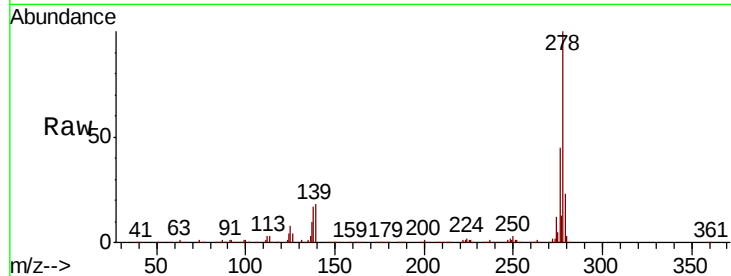
Tot Ion:278 Resp: 1159168

Ion Ratio Lower Upper

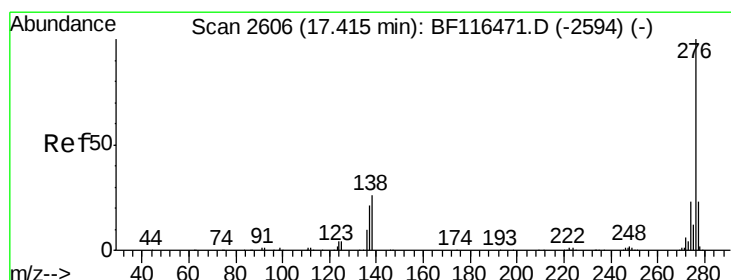
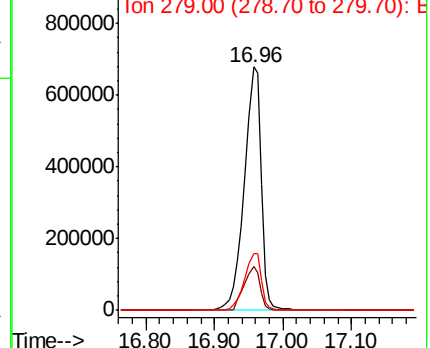
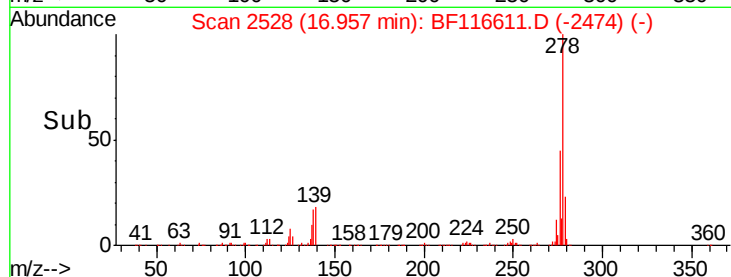
278 100

139 18.0 14.1 21.1

279 23.4 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: 134.412 ng

RT: 17.39 min Scan# 2601

Delta R.T. 0.02 min

Lab File: BF116611.D

Acq: 28 Aug 2019 12:11

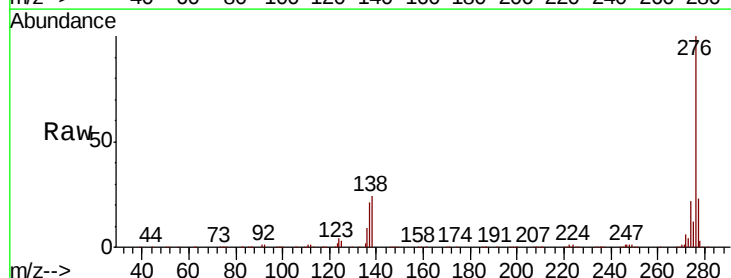
Tgt Ion:276 Resp: 1225081

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 24.1 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

