

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116075.D
 Acq On : 8 Aug 2019 18:56
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:12:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	176518	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	744273	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	394797	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	657970	20.00	ng	0.00
76) Chrysene-d12	14.00	240	436985	20.00	ng	0.00
87) Perylene-d12	15.46	264	423551	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	868567	82.37	ng	0.00
7) Phenol-d6	6.49	99	1130296	84.96	ng	0.00
23) Nitrobenzene-d5	7.41	82	1046781	81.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	307148	80.24	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1681372	79.77	ng	0.00
79) Terphenyl-d14	12.94	244	1760644	84.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	204087	38.313	ng	99
3) Pyridine	3.36	79	559031	37.569	ng	99
4) n-Nitrosodimethylamine	3.32	42	232986	39.676	ng	97
6) Aniline	6.51	93	774712	40.663	ng	98
8) 2-Chlorophenol	6.63	128	500475	42.923	ng	99
9) Benzaldehyde	6.39	77	342682	37.332	ng	99
10) Phenol	6.50	94	647148	41.309	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	499694	43.384	ng	99
12) 1,3-Dichlorobenzene	6.78	146	556066	41.266	ng	100
13) 1,4-Dichlorobenzene	6.86	146	557731	41.337	ng	99
14) 1,2-Dichlorobenzene	7.02	146	509366	41.000	ng	100
15) Benzyl Alcohol	6.99	79	417775	41.380	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	663031	42.203	ng	97
17) 2-Methylphenol	7.10	107	423437	42.889	ng	100
18) Hexachloroethane	7.35	117	208822	42.037	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	355159	43.082	ng	99
20) 3+4-Methylphenols	7.26	107	494105	42.291	ng	95
22) Acetophenone	7.26	105	659176	40.383	ng	100
24) Nitrobenzene	7.43	77	574992	41.300	ng	99
25) Isophorone	7.67	82	1051957	42.667	ng	100
26) 2-Nitrophenol	7.74	139	295455	45.020	ng	99
27) 2,4-Dimethylphenol	7.78	122	405929	41.113	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	652789	42.717	ng	99
29) 2,4-Dichlorophenol	7.99	162	445155	42.700	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	493945	41.565	ng	100
31) Naphthalene	8.15	128	1437227	41.036	ng	100
32) Benzoic acid	7.95	122	301145	43.261	ng	97
33) 4-Chloroaniline	8.19	127	622054	39.751	ng	99
34) Hexachlorobutadiene	8.26	225	278706	40.717	ng	98
35) Caprolactam	8.59	113	136754	40.559	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	464672	42.845	ng	99
37) 2-Methylnaphthalene	8.83	142	952081	41.276	ng	99
38) 1-Methylnaphthalene	8.93	142	901568	41.315	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	440472	41.733	ng	100

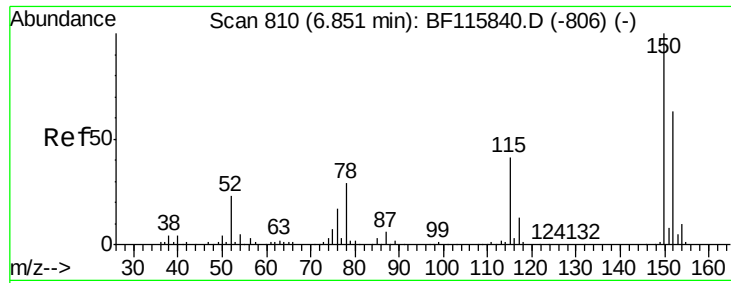
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116075.D
 Acq On : 8 Aug 2019 18:56
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:12:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	186480	42.365	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	291281	40.095	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	307562	40.956	ng	98
46) 1,1'-Biphenyl	9.30	154	1140929	40.934	ng	99
47) 2-Chloronaphthalene	9.33	162	937428	40.410	ng	100
48) 2-Nitroaniline	9.42	65	315697	41.171	ng	91
49) Acenaphthylene	9.74	152	1368698	40.441	ng	99
50) Dimethylphthalate	9.60	163	1120661	41.689	ng	99
51) 2,6-Dinitrotoluene	9.67	165	244809	41.907	ng	99
52) Acenaphthene	9.91	154	834139	40.175	ng	99
53) 3-Nitroaniline	9.84	138	281560	39.007	ng	97
54) 2,4-Dinitrophenol	9.95	184	107420	40.436	ng	99
55) Dibenzofuran	10.09	168	1186578	39.298	ng	99
56) 4-Nitrophenol	10.01	139	160156	34.636	ng	90
57) 2,4-Dinitrotoluene	10.07	165	298903	38.430	ng	97
58) Fluorene	10.43	166	927057	39.906	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	246608	39.033	ng	99
60) Diethylphthalate	10.30	149	1013122	40.368	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	478142	40.640	ng	98
62) 4-Nitroaniline	10.46	138	288504	38.675	ng	99
63) Azobenzene	10.57	77	1053521	40.812	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	165178	47.372	ng	87
66) n-Nitrosodiphenylamine	10.53	169	845625	42.699	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	300925	42.723	ng	98
68) Hexachlorobenzene	10.98	284	335875	41.238	ng	97
69) Atrazine	11.06	200	223927	34.370	ng	99
70) Pentachlorophenol	11.17	266	137932	34.882	ng	97
71) Phenanthrene	11.39	178	1361962	40.490	ng	99
72) Anthracene	11.44	178	1400952	41.154	ng	99
73) Carbazole	11.59	167	1285023	41.607	ng	100
74) Di-n-butylphthalate	11.92	149	1523799	42.295	ng	100
75) Fluoranthene	12.57	202	1412548	40.113	ng	96
77) Benzidine	12.69	184	649854	44.019	ng	100
78) Pyrene	12.80	202	1435511	43.579	ng	99
80) Butylbenzylphthalate	13.41	149	632130	45.366	ng	94
81) Benzo(a)anthracene	13.99	228	1196424	42.836	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	425795	43.880	ng	99
83) Chrysene	14.03	228	1153443	42.537	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	856195	47.285	ng	99
85) Di-n-octyl phthalate	14.58	149	1286310	44.725	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1006604	44.198	ng	100
88) Benzo(b)fluoranthene	15.04	252	1082494	44.201	ng	99
89) Benzo(k)fluoranthene	15.07	252	880653	36.919	ng	98
90) Benzo(a)pyrene	15.40	252	906013	41.385	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	828647	43.728	ng	99
92) Benzo(g,h,i)perylene	17.38	276	817943	43.950	ng	98

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

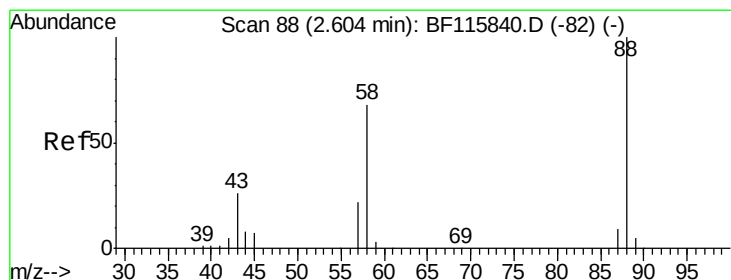
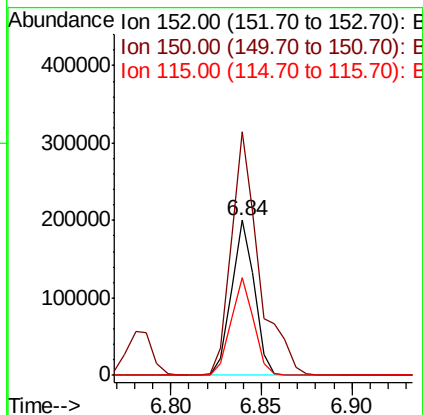
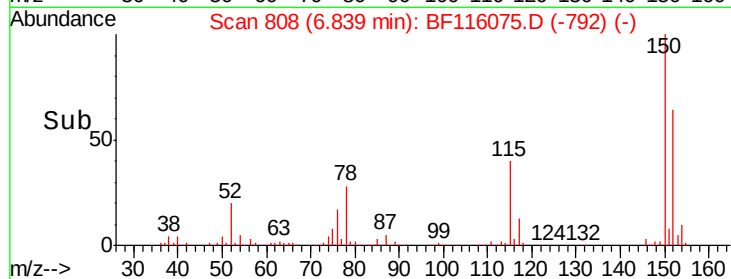
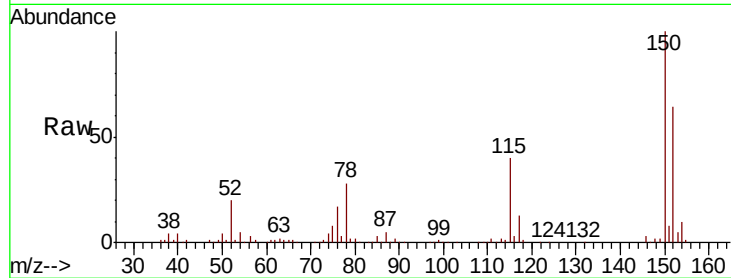


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Instrument :
BNA_F
ClientSampleId :

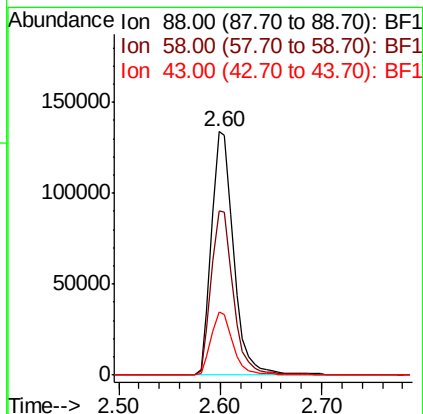
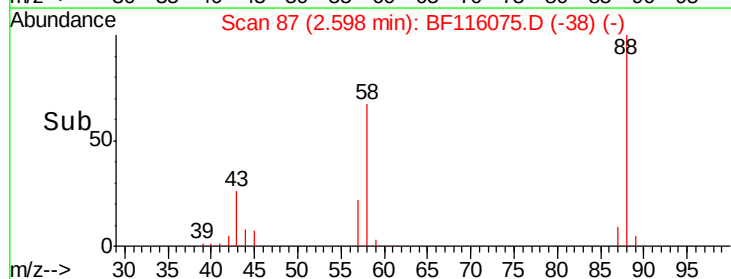
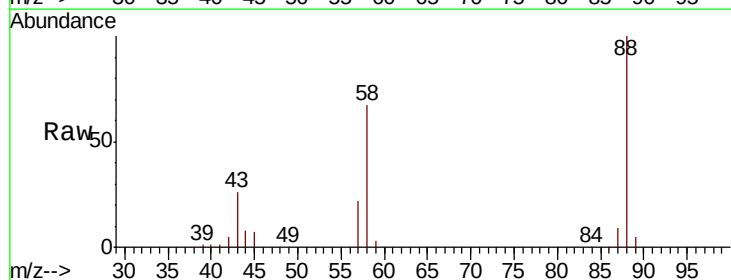
Tot Ion:152 Resp: 176518
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 63.4 49.9 74.9

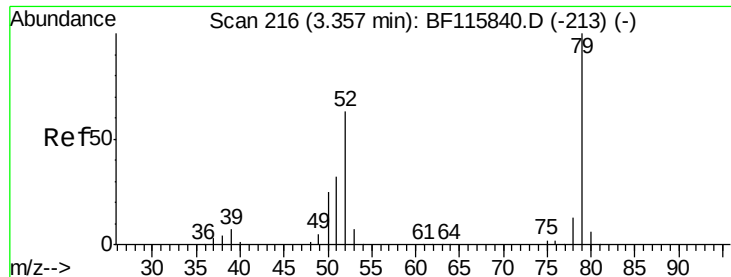


#2

1,4-Dioxane
Concen: 38.313 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion: 88 Resp: 204087
Ion Ratio Lower Upper
88 100
58 67.7 53.7 80.5
43 25.7 21.0 31.4





#3

Pvridine

Concen: 37.569 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampleId :

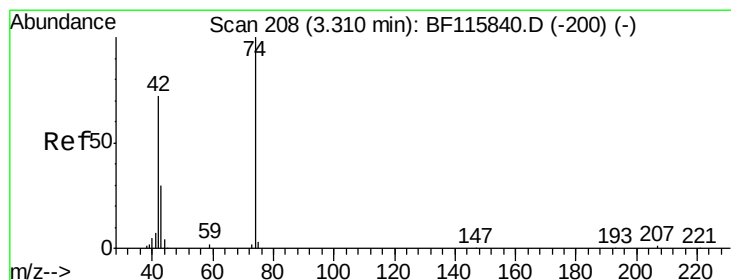
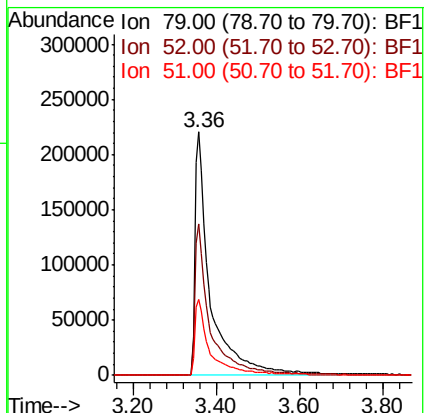
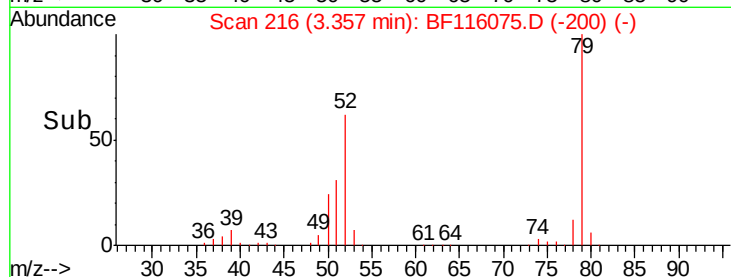
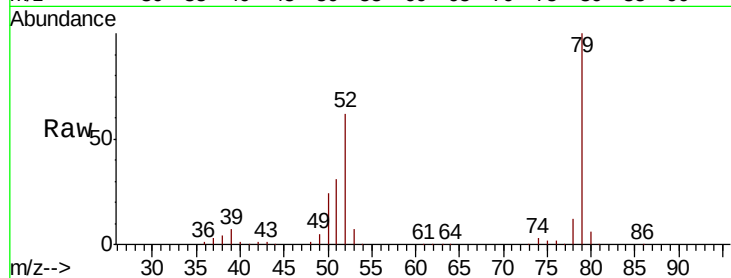
Tot Ion: 79 Resp: 559031

Ion Ratio Lower Upper

79 100

52 62.0 49.8 74.8

51 31.0 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 39.676 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

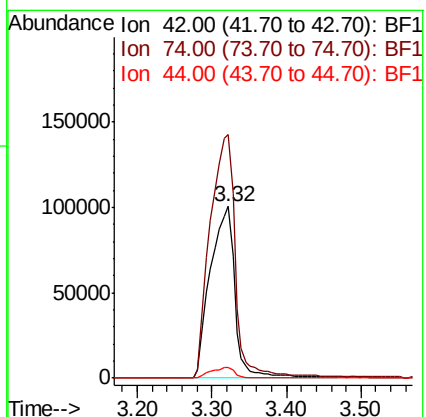
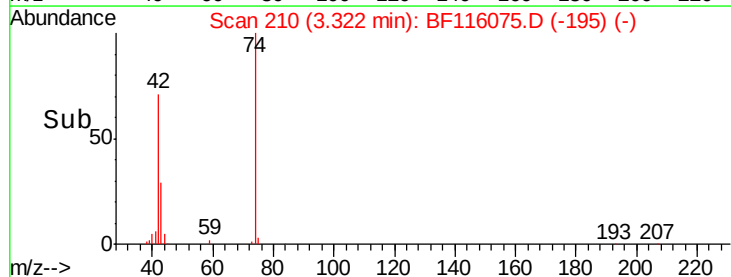
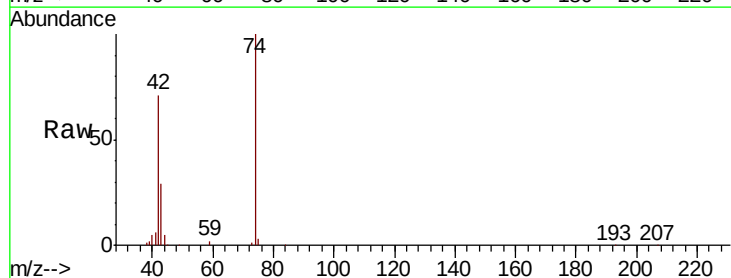
Tgt Ion: 42 Resp: 232986

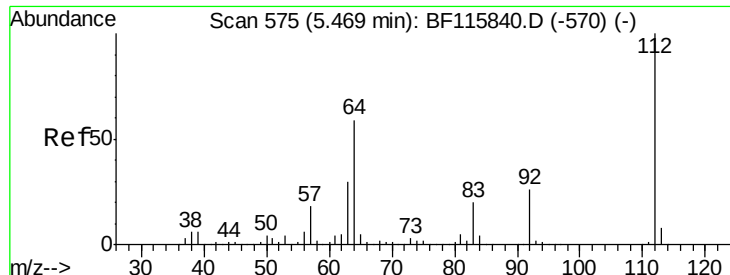
Ion Ratio Lower Upper

42 100

74 141.7 116.0 174.0

44 6.5 4.6 7.0





#5

2-Fluorophenol

Concen: 82.373 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampled :

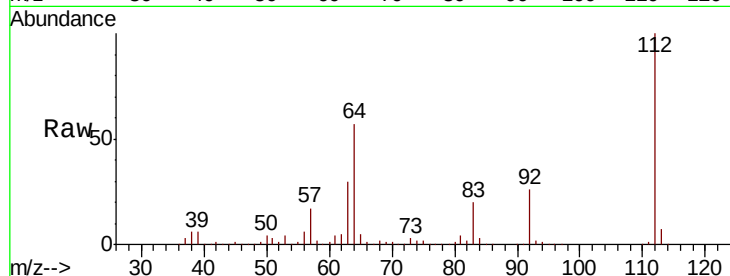
Tot Ion:112 Resp: 868567

Ion Ratio Lower Upper

112 100

64 57.0 45.4 68.2

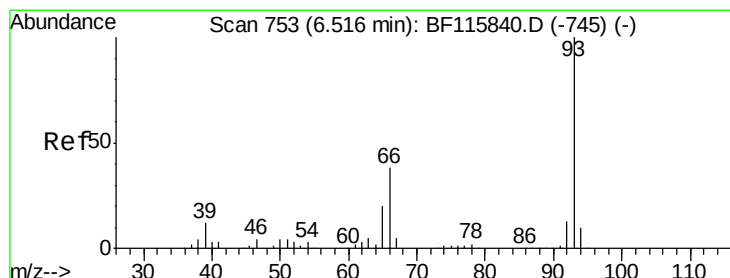
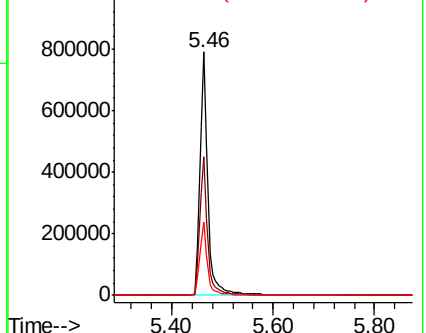
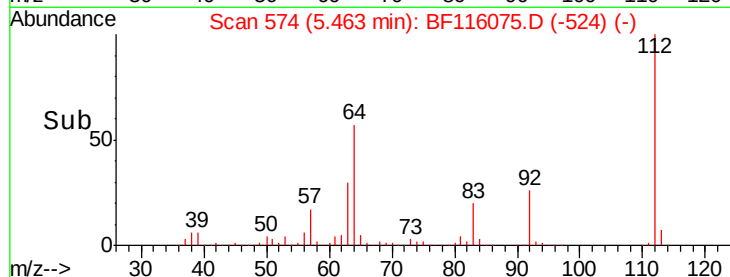
63 30.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.663 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

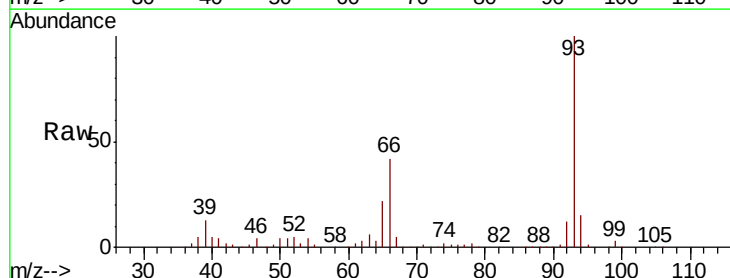
Tgt Ion: 93 Resp: 774712

Ion Ratio Lower Upper

93 100

66 41.8 32.2 48.4

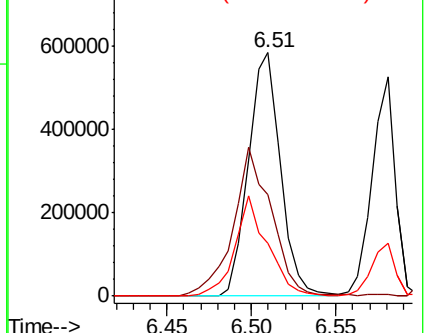
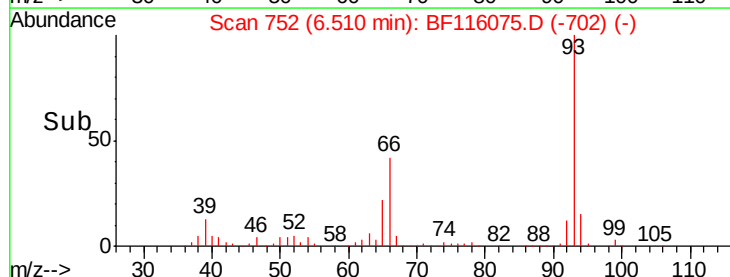
65 21.9 17.0 25.6

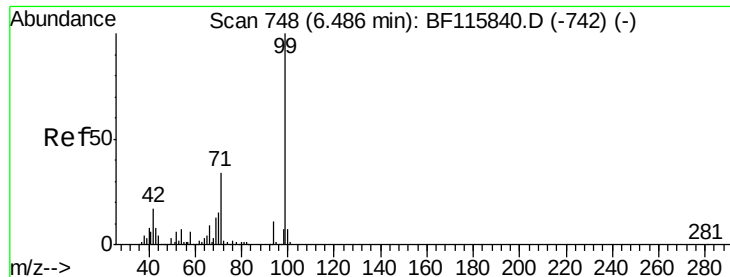


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.962 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampled :

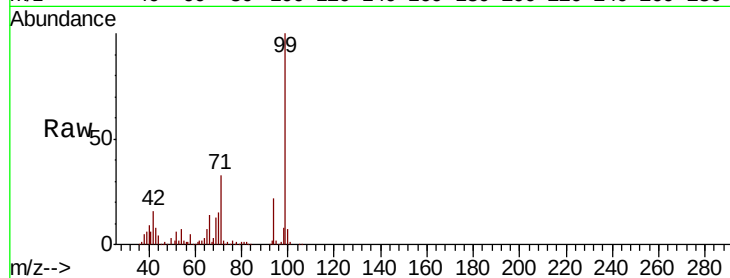
Tot Ion: 99 Resp: 1130296

Ion Ratio Lower Upper

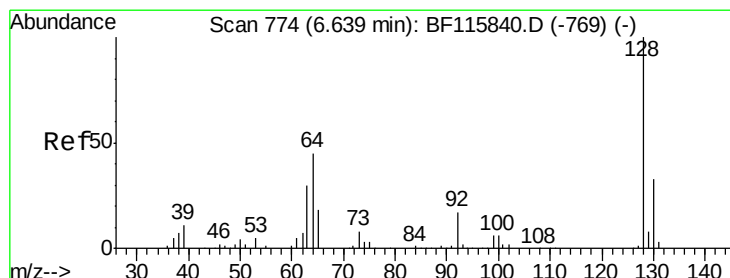
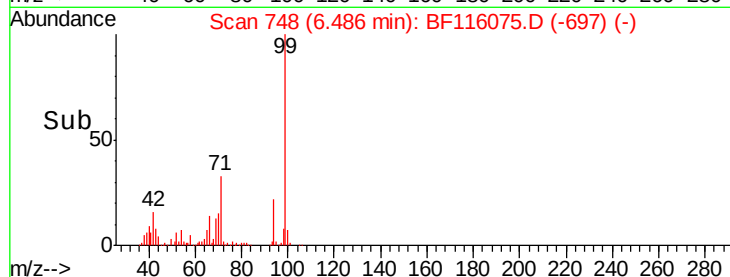
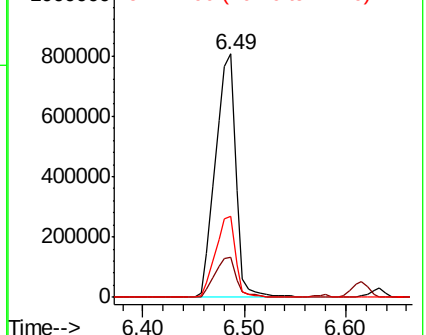
99 100

42 16.3 13.8 20.8

71 33.4 27.3 40.9



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: 42.923 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

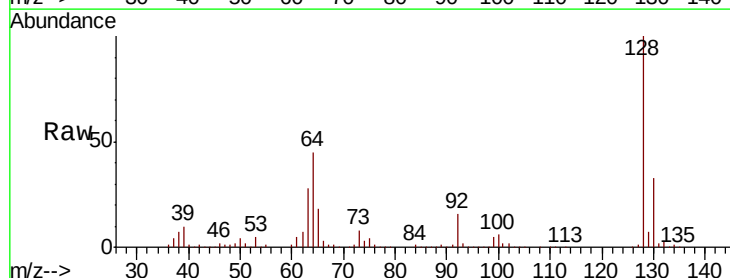
Tgt Ion: 128 Resp: 500475

Ion Ratio Lower Upper

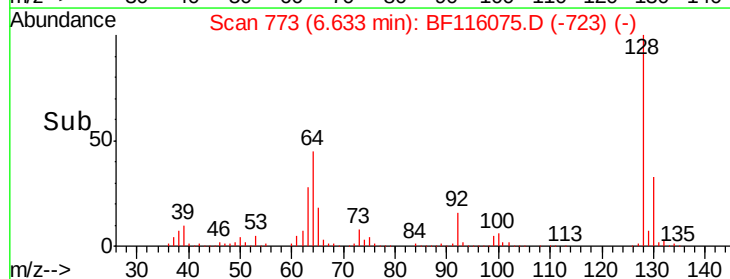
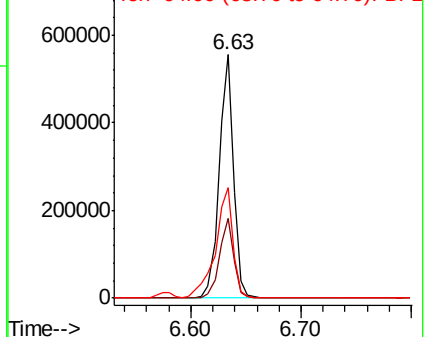
128 100

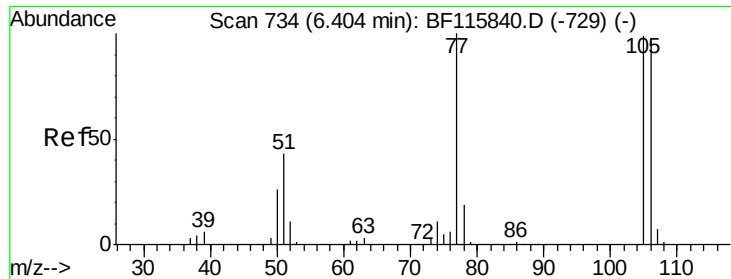
130 32.6 12.9 52.9

64 45.3 24.3 64.3



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: 37.332 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampleId :

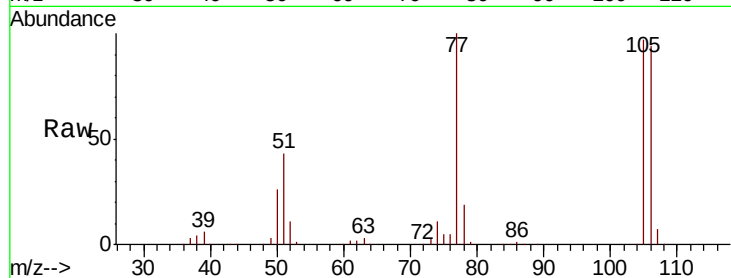
Tot Ion: 77 Resp: 342682

Ion Ratio Lower Upper

77 100

105 97.4 79.2 119.2

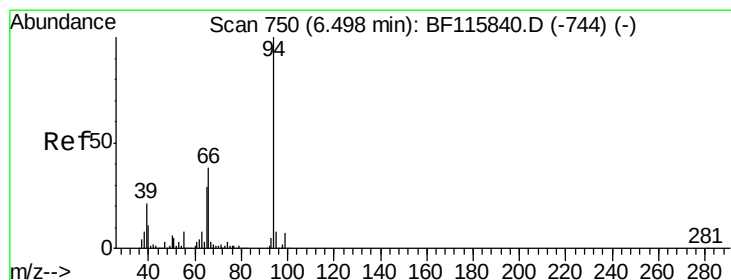
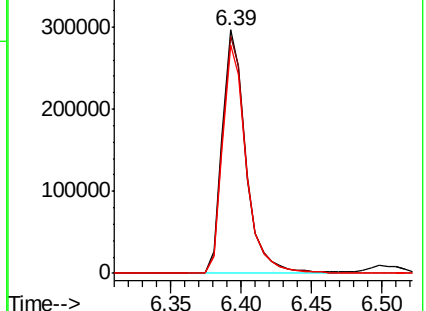
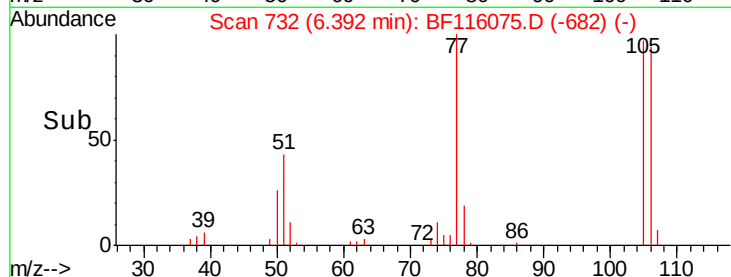
106 93.9 74.3 114.3



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: 41.309 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

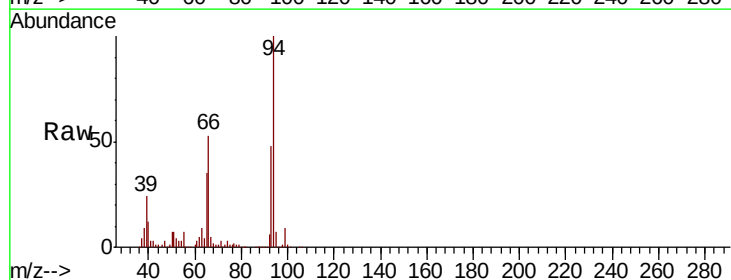
Tgt Ion: 94 Resp: 647148

Ion Ratio Lower Upper

94 100

65 35.4 16.8 56.8

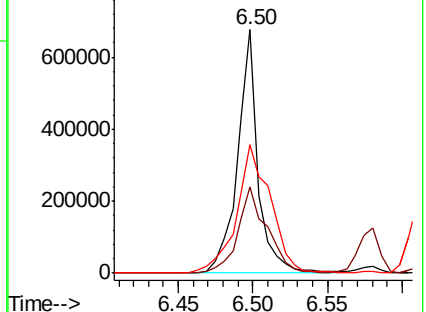
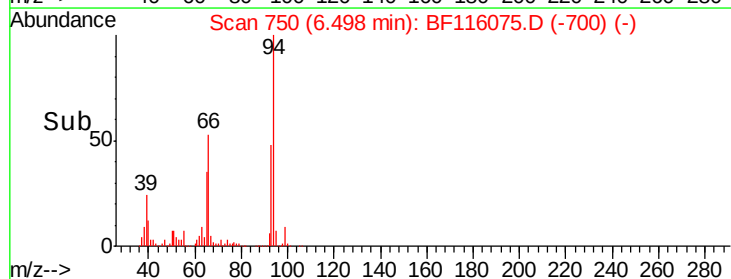
66 52.7 34.2 74.2

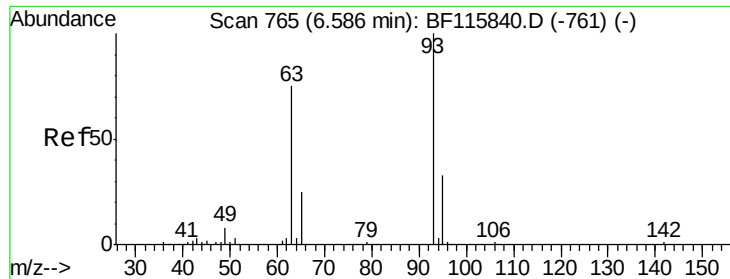


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

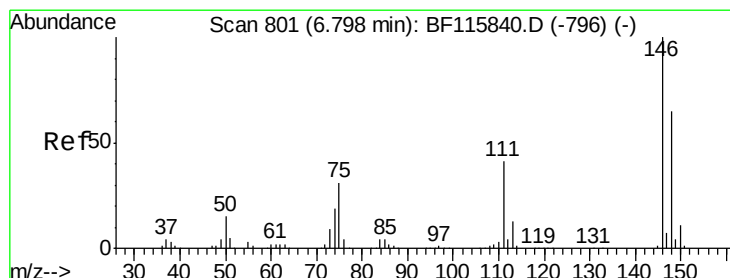
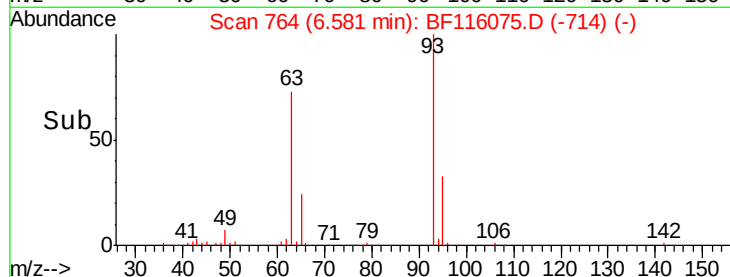
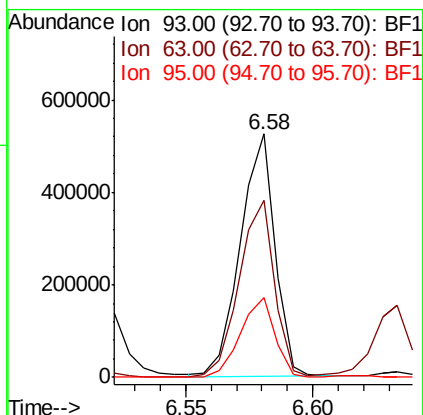
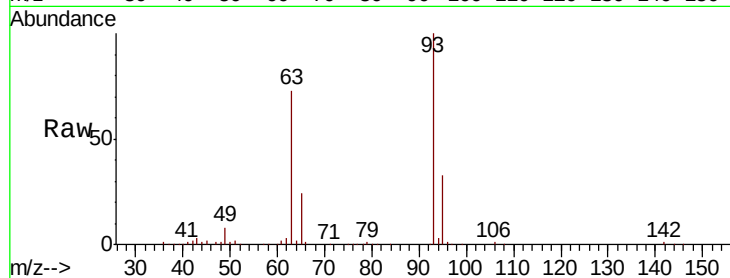




#11
bis(2-Chloroethyl)ether
Concen: 43.384 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

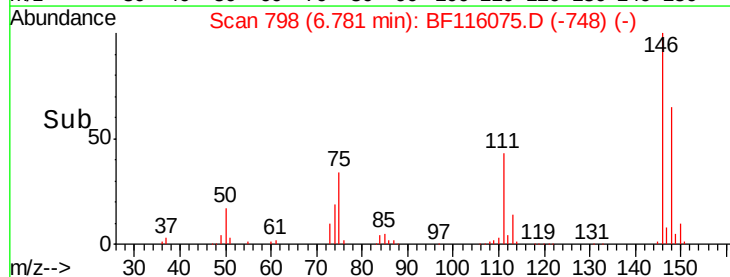
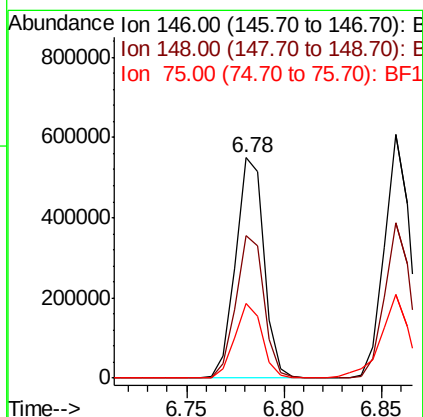
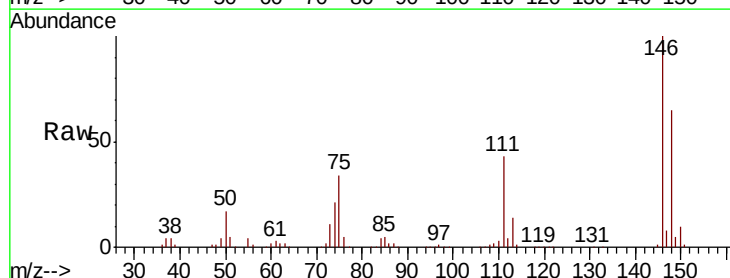
Instrument :
BNA_F
ClientSampleId :

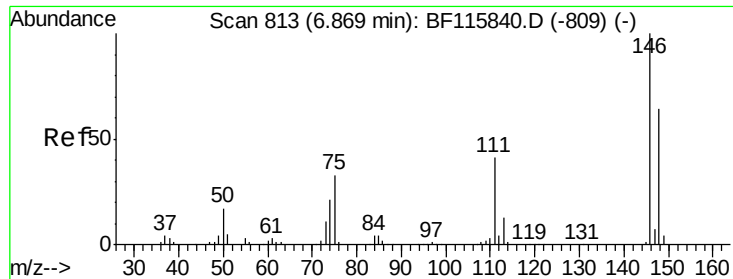
Tot Ion: 93 Resp: 499694
Ion Ratio Lower Upper
93 100
63 72.8 51.9 91.9
95 33.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 41.266 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion: 146 Resp: 556066
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 34.2 27.4 41.2

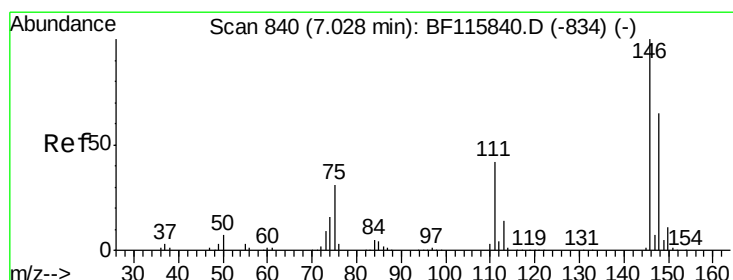
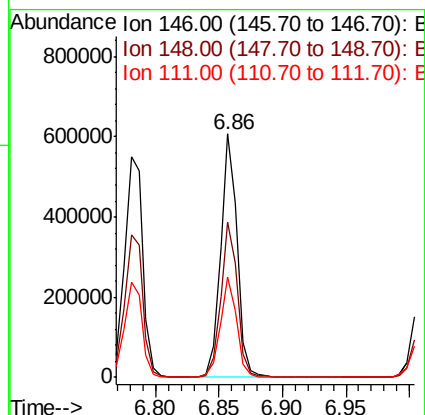
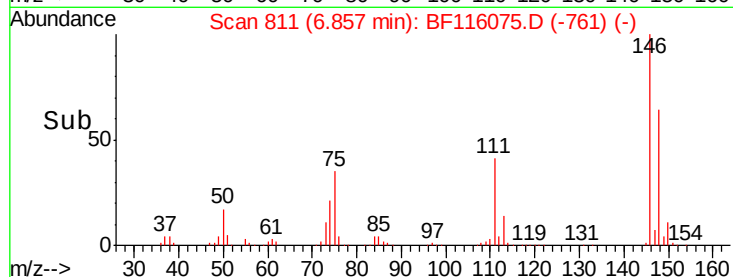
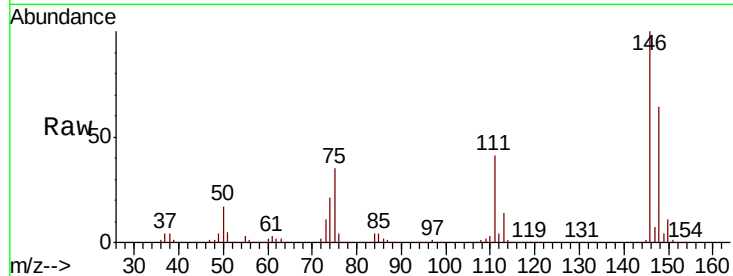




#13
 1,4-Dichlorobenzene
 Concen: 41.337 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

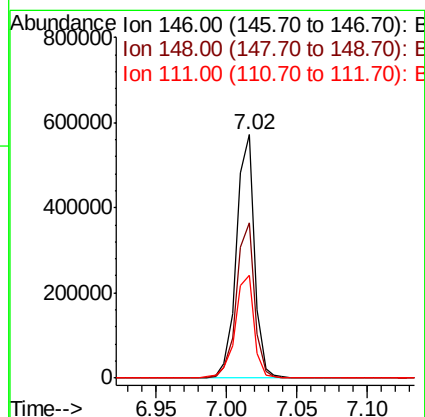
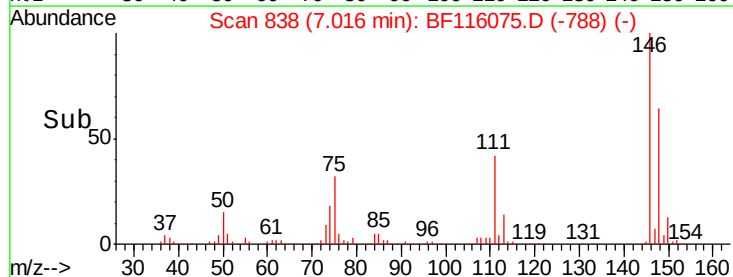
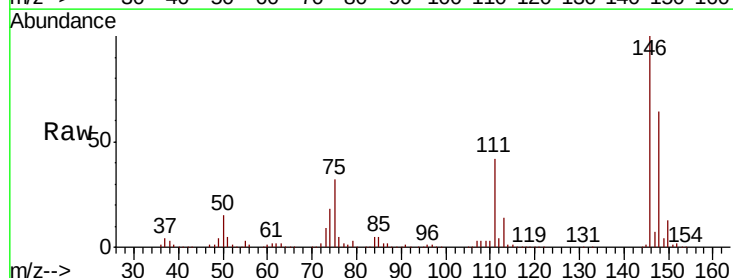
Instrument :
 BNA_F
 ClientSampleId :

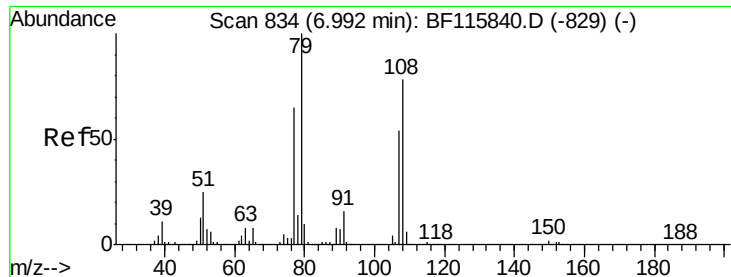
Tot Ion:146 Resp: 557731
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.3 76.9
 111 41.1 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 41.000 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Tgt Ion:146 Resp: 509366
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.2 76.8
 111 42.0 33.5 50.3





#15

Benzyl Alcohol

Concen: 41.380 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampled :

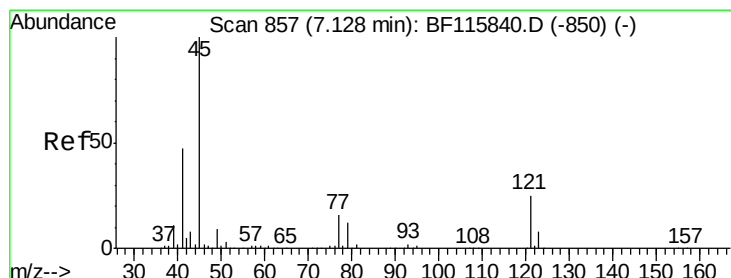
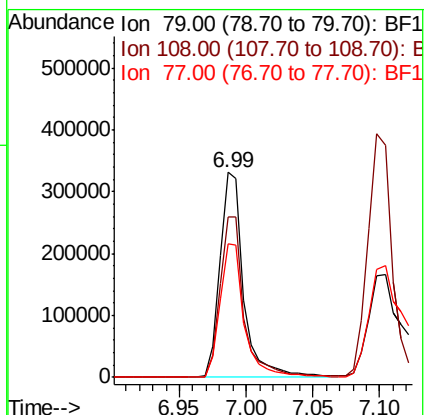
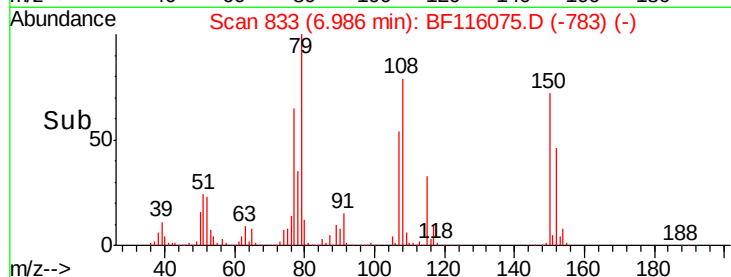
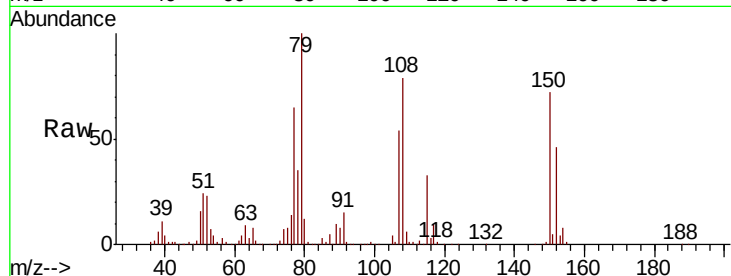
Tot Ion: 79 Resp: 417775

Ion Ratio Lower Upper

79 100

108 78.6 62.7 94.1

77 65.5 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.203 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

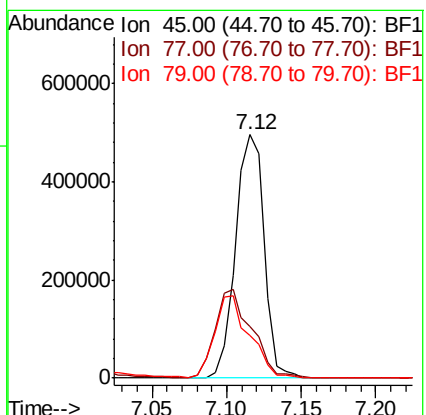
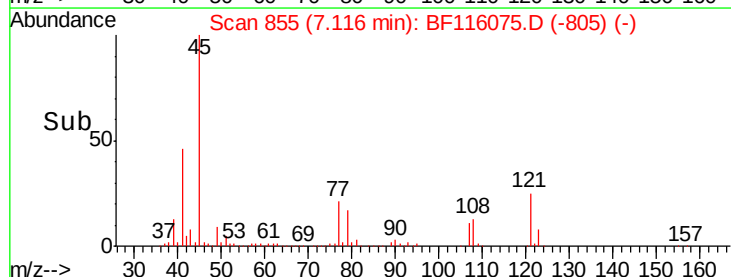
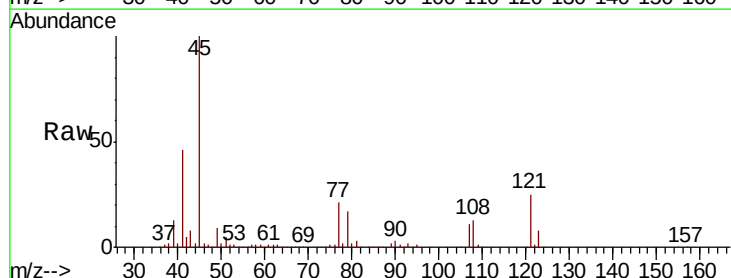
Tgt Ion: 45 Resp: 663031

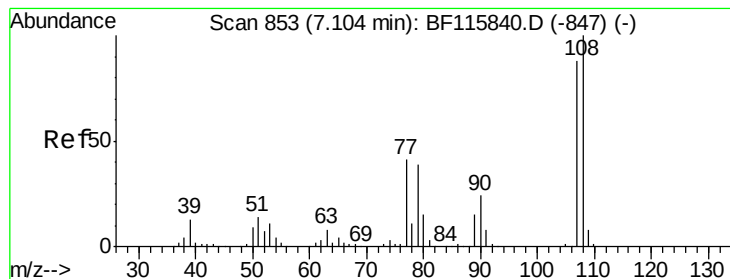
Ion Ratio Lower Upper

45 100

77 21.3 0.0 40.0

79 17.4 0.0 35.9

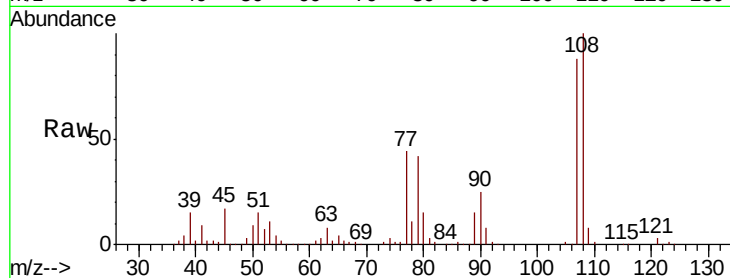




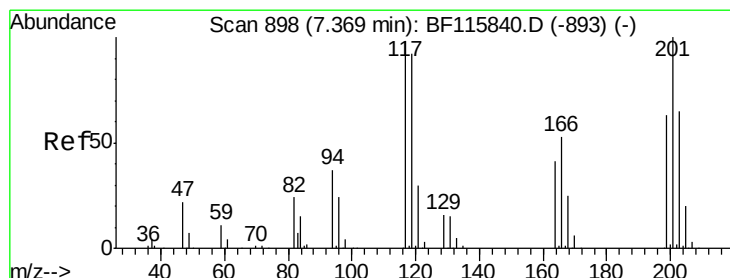
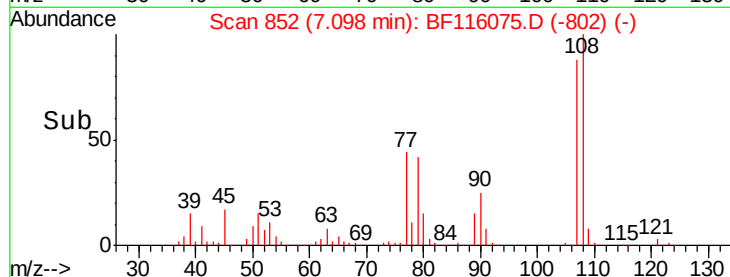
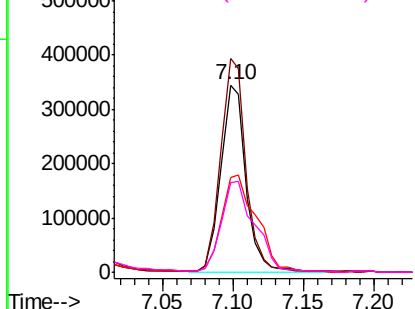
#17
2-Methylphenol
Concen: 42.889 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	423437
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.2	136.8
77	50.4	40.3	60.5
79	47.7	37.6	56.4

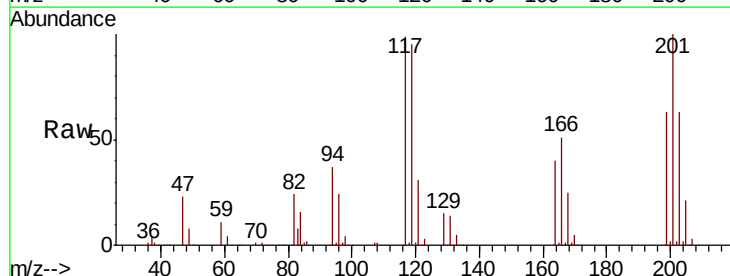


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

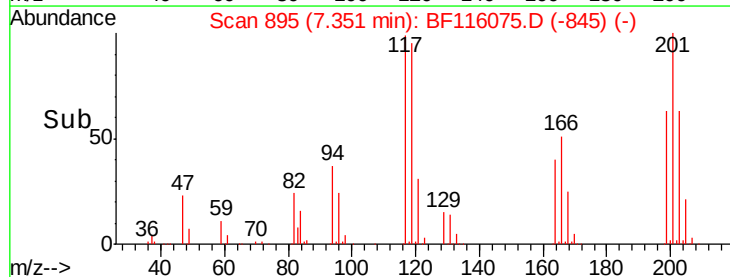
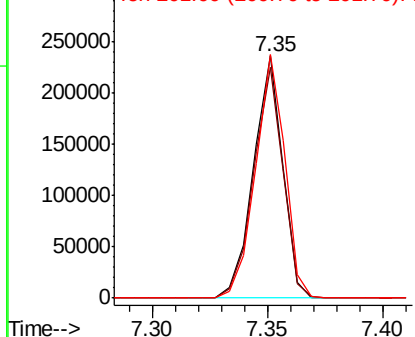


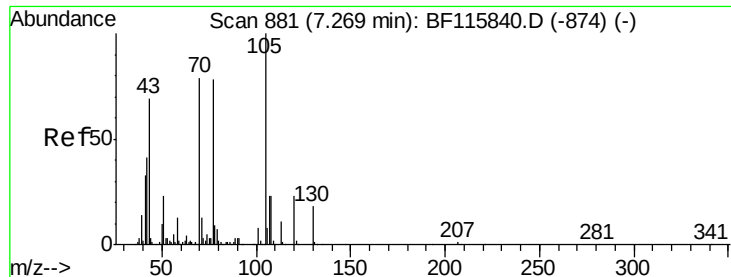
#18
Hexachloroethane
Concen: 42.037 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion:	117	Resp:	208822
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.1	114.1
201	100.6	77.0	115.4



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

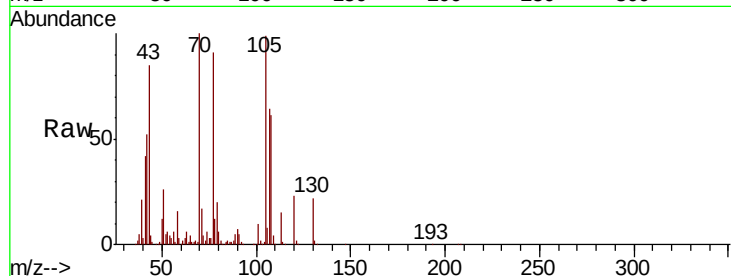




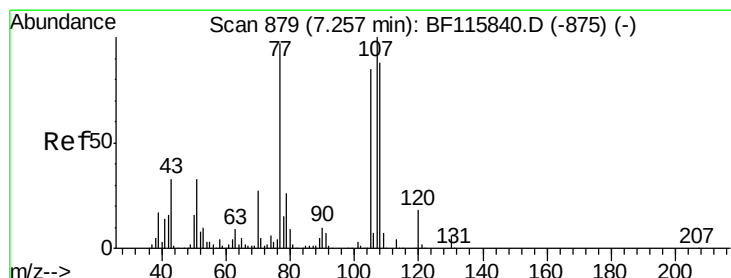
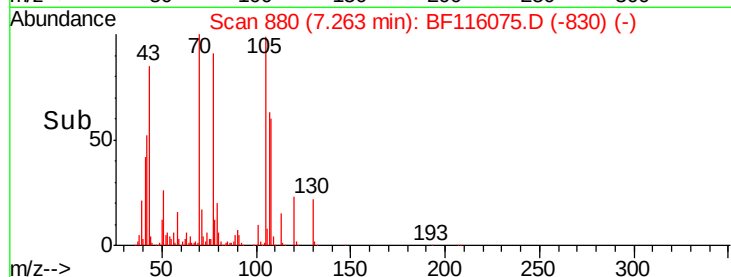
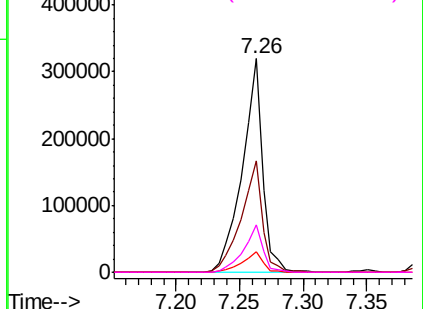
#19
n-Nitroso-di-n-propylamine
Concen: 43.082 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	355159
Ion	Ratio	Lower	Upper
70	100		
42	51.9	40.9	61.3
101	9.7	7.9	11.9
130	22.1	16.9	25.3

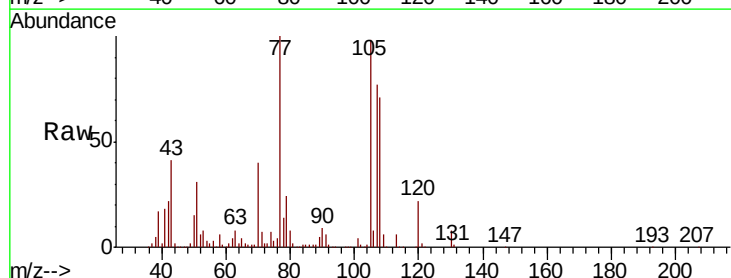


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

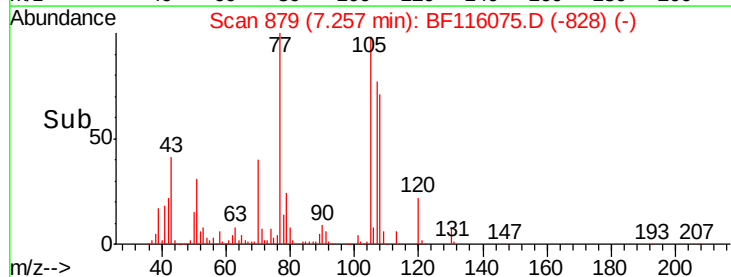
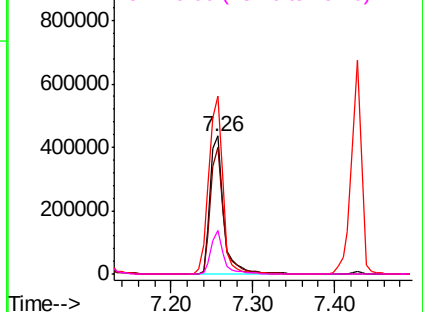


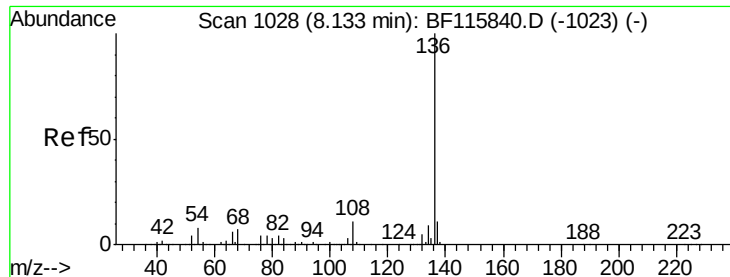
#20
3+4-Methylphenols
Concen: 42.291 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion:	107	Resp:	494105
Ion	Ratio	Lower	Upper
107	100		
108	91.6	67.6	107.6
77	129.3	104.4	144.4
79	31.2	7.4	47.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 744273

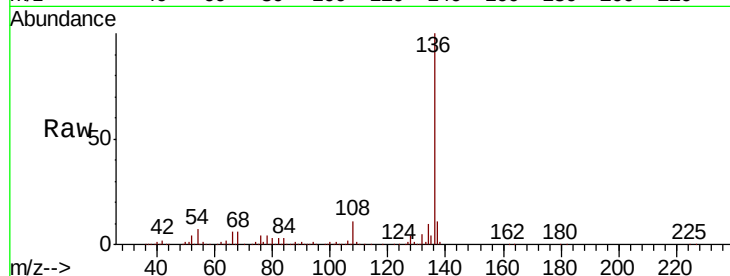
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.3 5.8 8.6

68 6.5 5.2 7.8

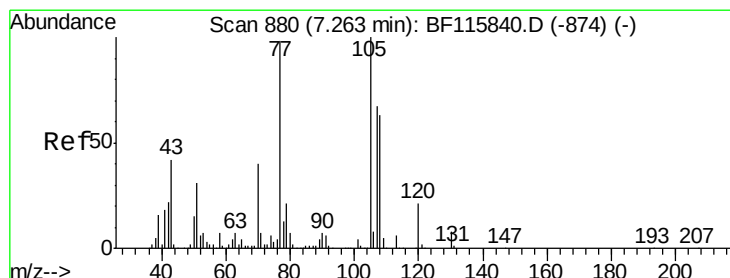
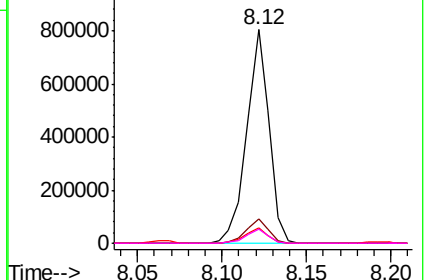
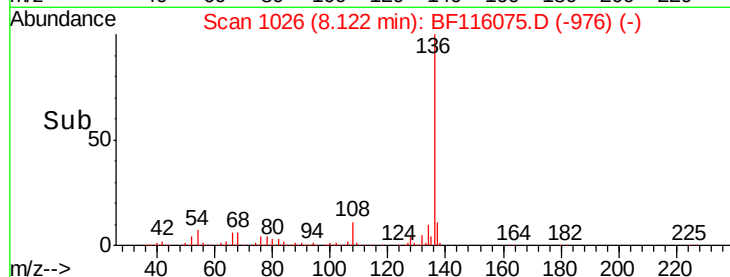


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.383 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Tgt Ion:105 Resp: 659176

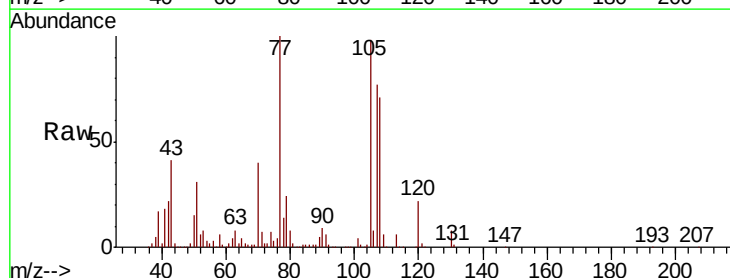
Ion Ratio Lower Upper

105 100

71 6.9 5.9 8.9

51 31.8 25.3 37.9

120 22.2 17.9 26.9

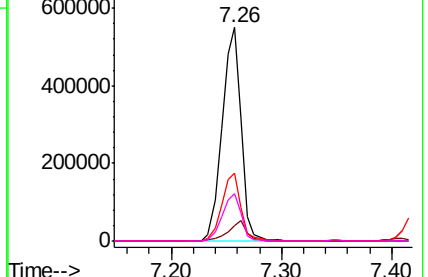
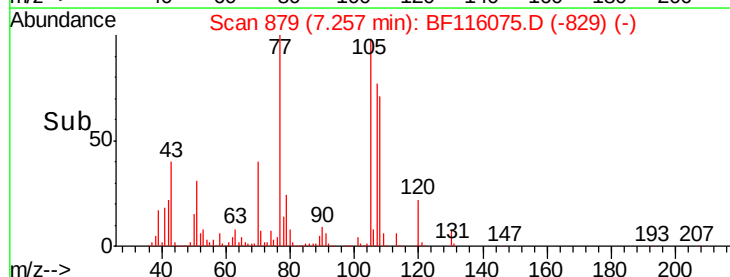


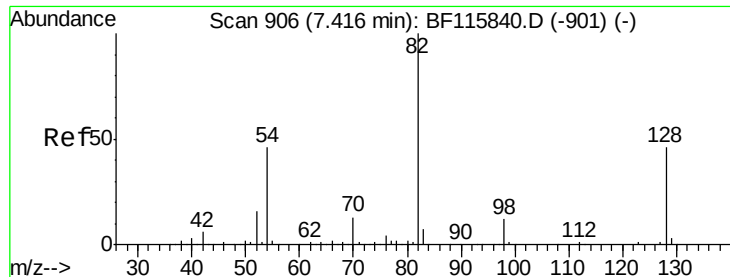
Abundance Ion 105.00 (104.70 to 105.70): E

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

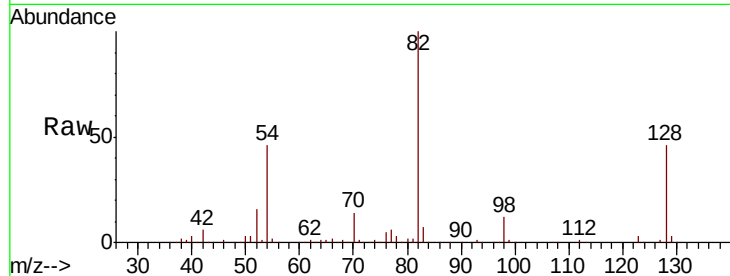




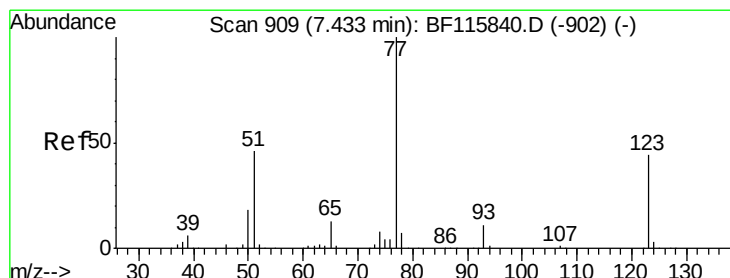
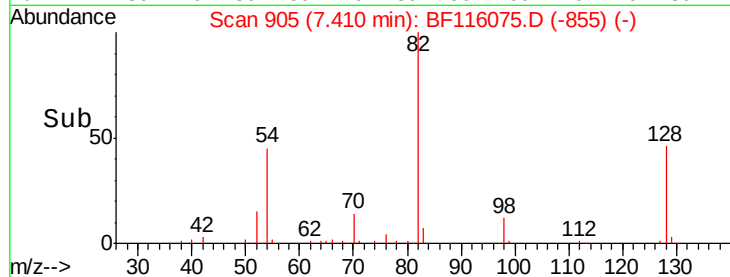
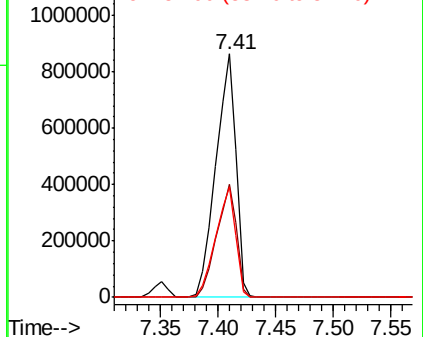
#23
Nitrobenzene-d5
Concen: 81.185 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1046781
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 45.6 36.0 54.0

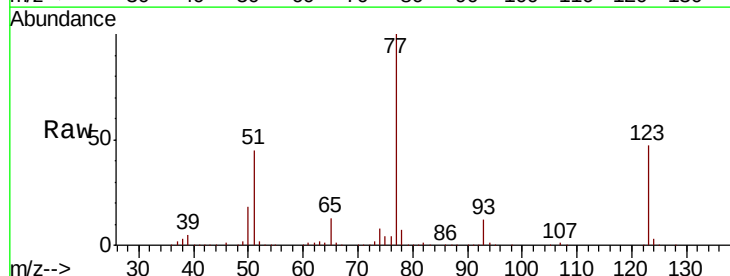


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

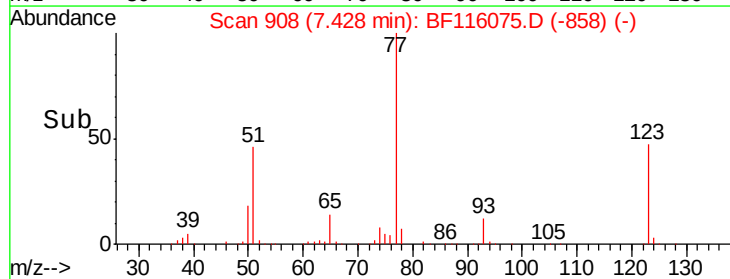
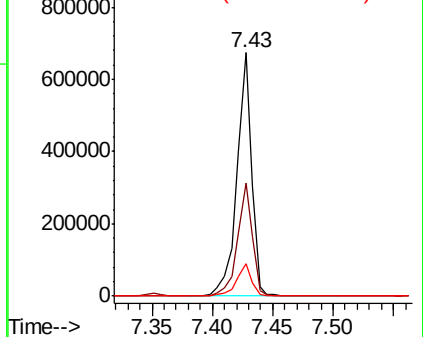


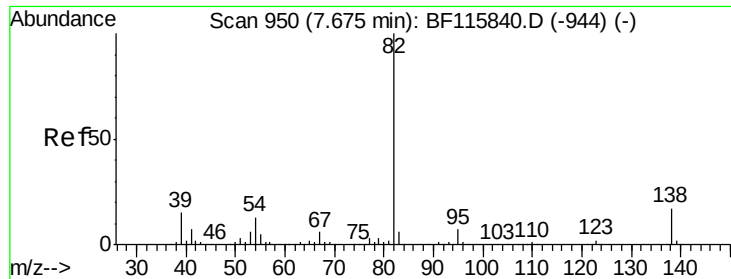
#24
Nitrobenzene
Concen: 41.300 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion: 77 Resp: 574992
Ion Ratio Lower Upper
77 100
123 46.7 36.7 55.1
65 13.4 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.667 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

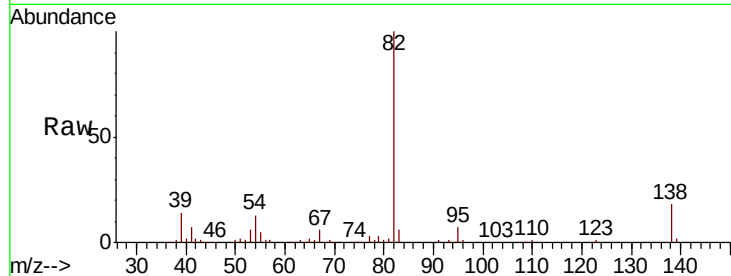
Instrument :

BNA_F

ClientSampled :

Tot Ion: 82 Resp: 1051957

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.0
138	18.3	14.5	21.7

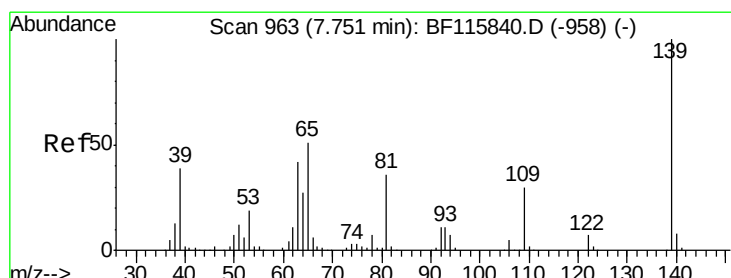
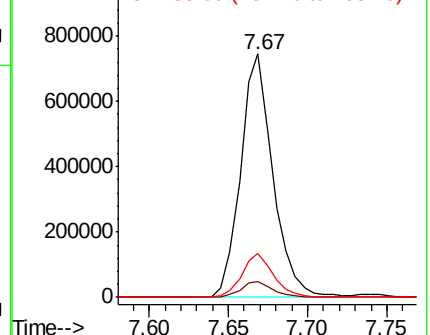
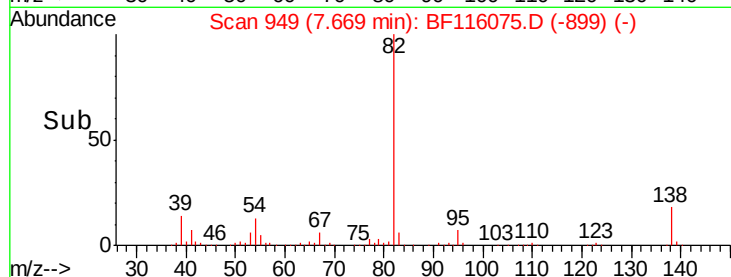


Abundance

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: 45.020 ng

RT: 7.74 min Scan# 961

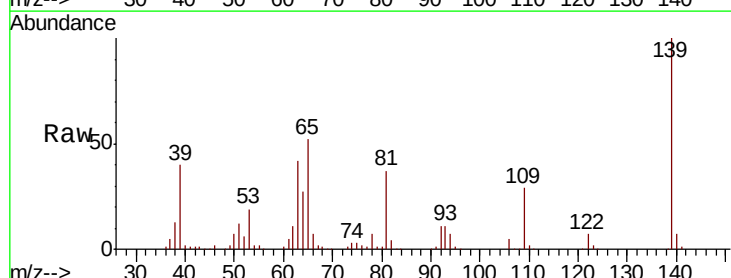
Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Tgt Ion: 139 Resp: 295455

Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.4	35.2
65	51.6	41.1	61.7

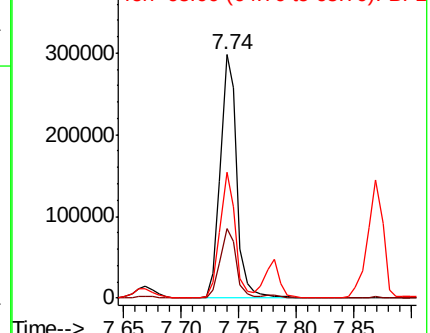
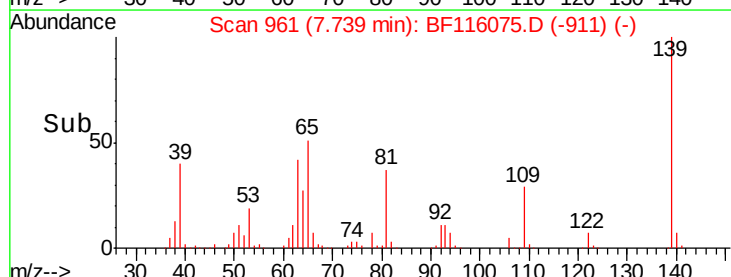


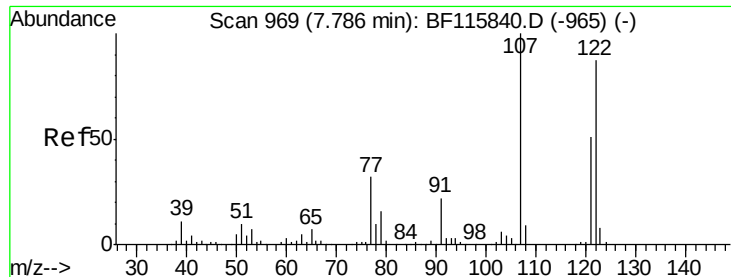
Abundance

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

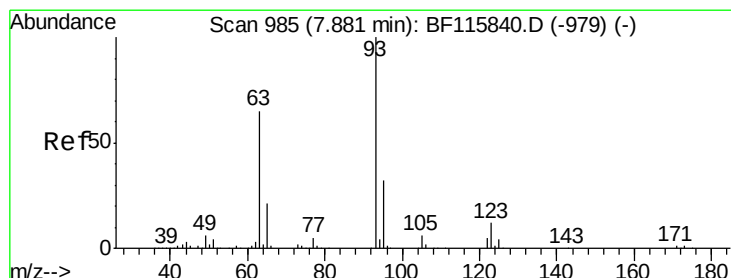
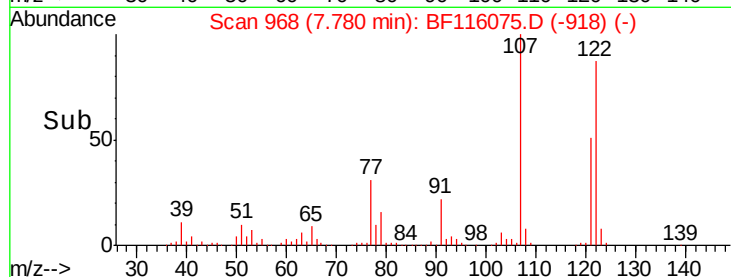
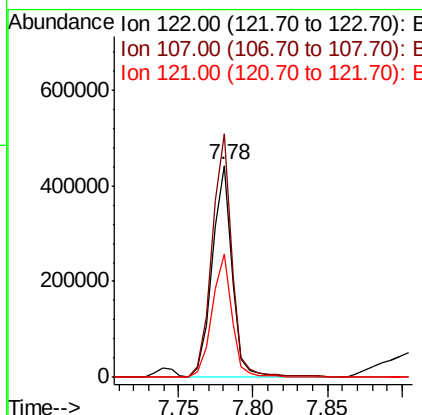
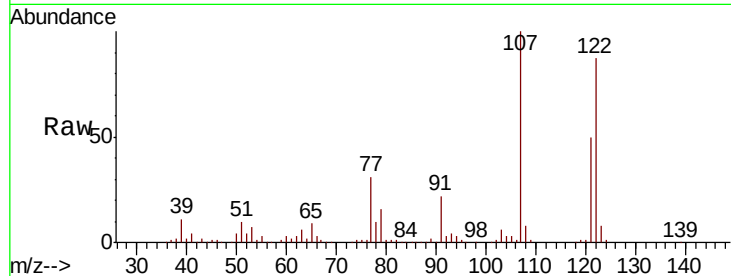




#27
 2,4-Dimethylphenol
 Concen: 41.113 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

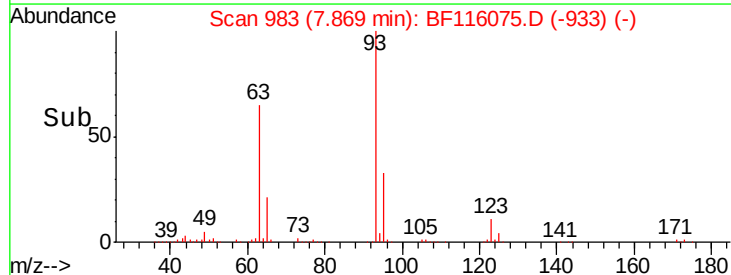
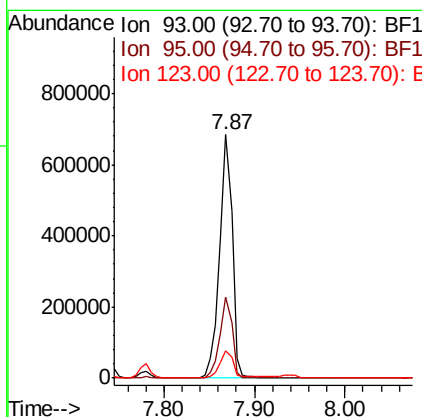
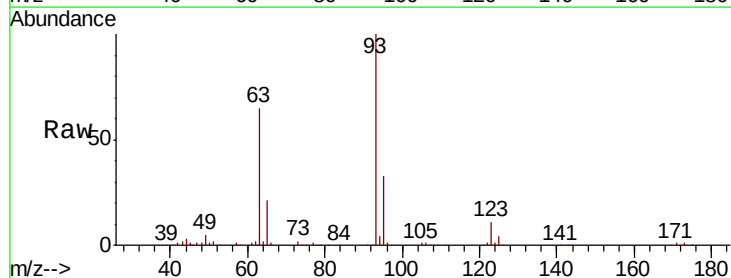
Instrument :
 BNA_F
 ClientSampleId :

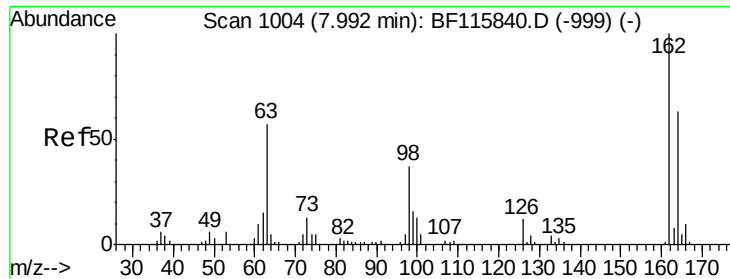
Tot Ion:122 Resp: 405929
 Ion Ratio Lower Upper
 122 100
 107 114.9 93.0 139.6
 121 58.0 47.6 71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.717 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Tgt Ion: 93 Resp: 652789
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.2 39.4
 123 11.4 9.2 13.8

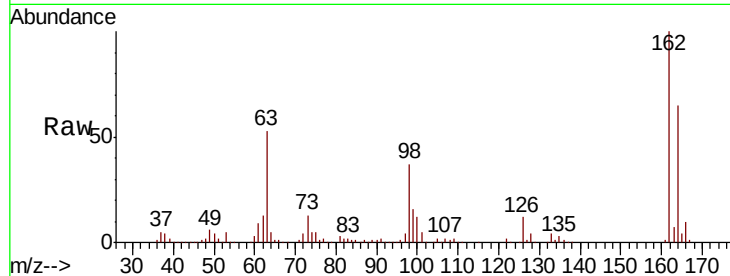




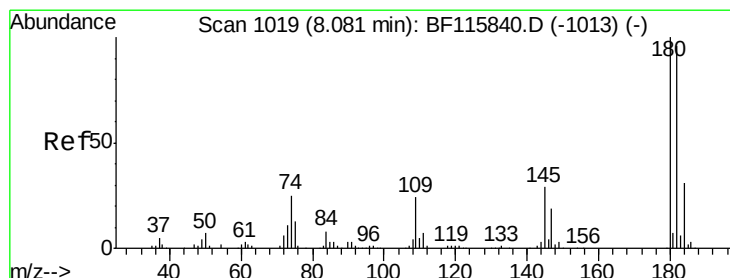
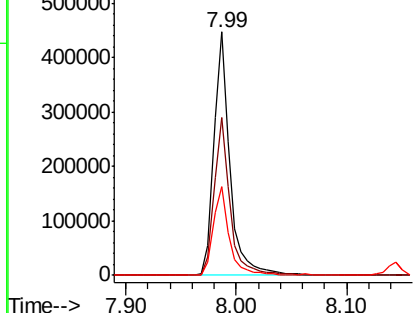
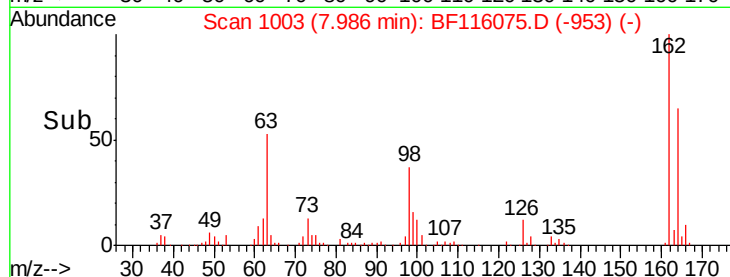
#29
 2,4-Dichlorophenol
 Concen: 42.700 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.1	85.1
98	36.6	15.8	55.8

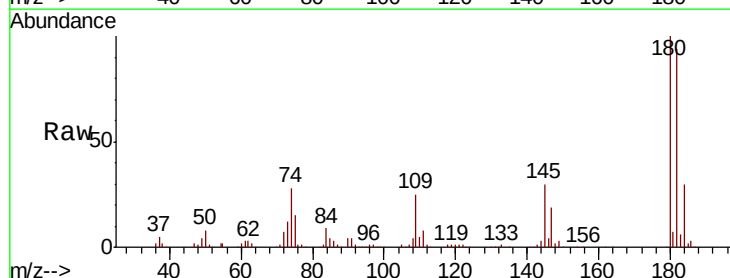


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

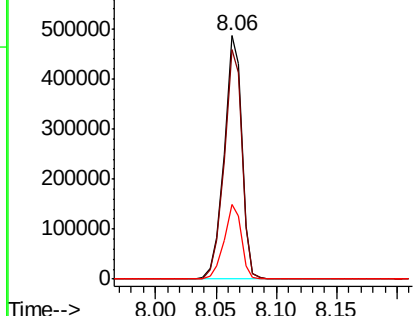
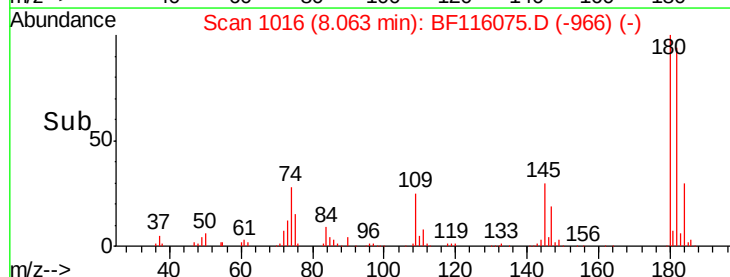


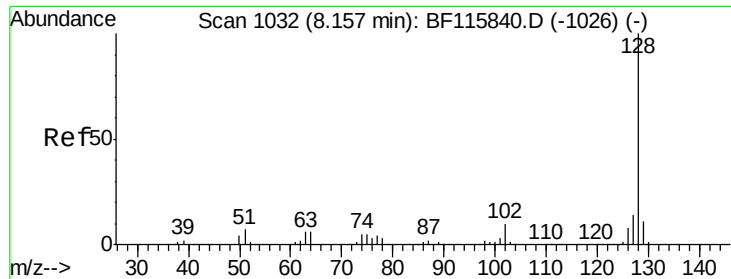
#30
 1,2,4-Trichlorobenzene
 Concen: 41.565 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.7	113.5
145	30.5	24.3	36.5



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: 41.036 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampleId :

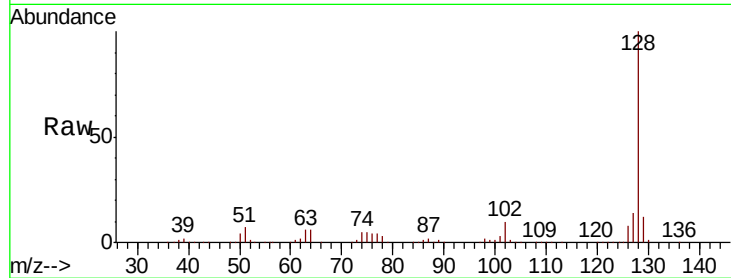
Tot Ion:128 Resp: 1437227

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

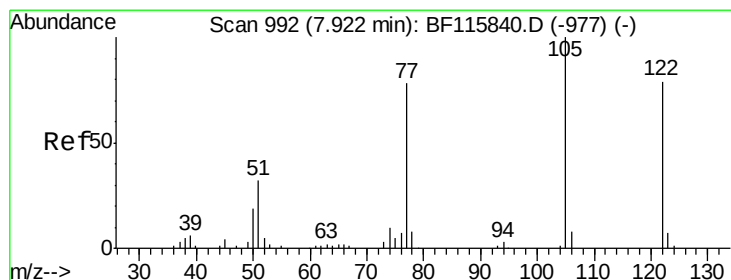
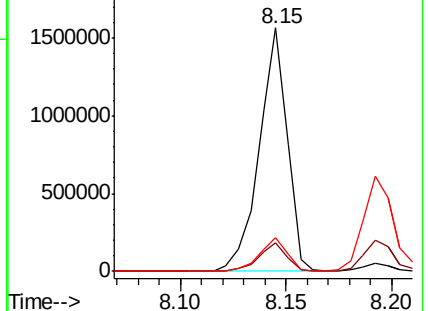
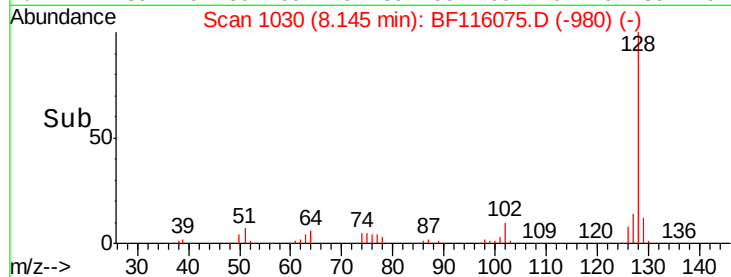
127 14.1 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.261 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

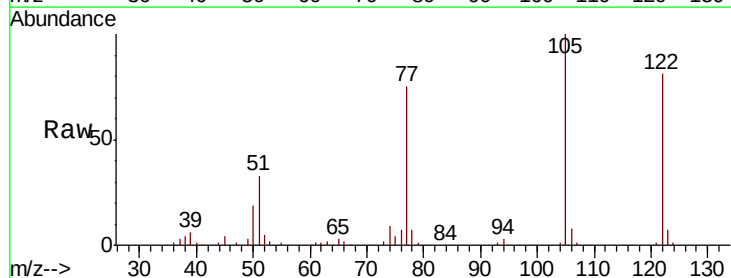
Tgt Ion:122 Resp: 301145

Ion Ratio Lower Upper

122 100

105 123.9 106.1 146.1

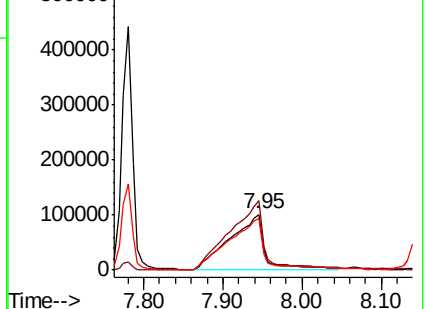
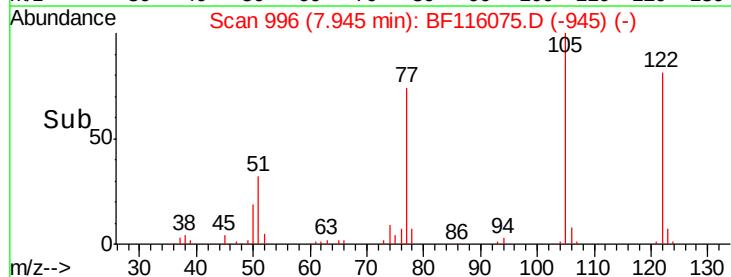
77 93.1 76.7 116.7

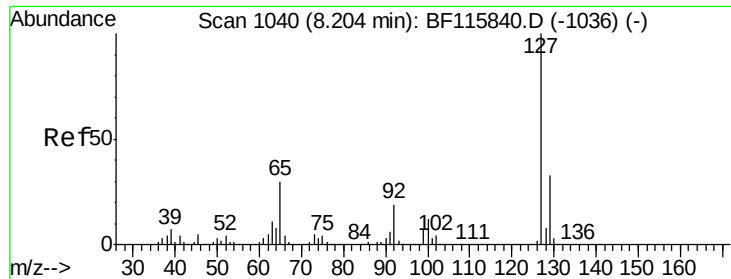


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

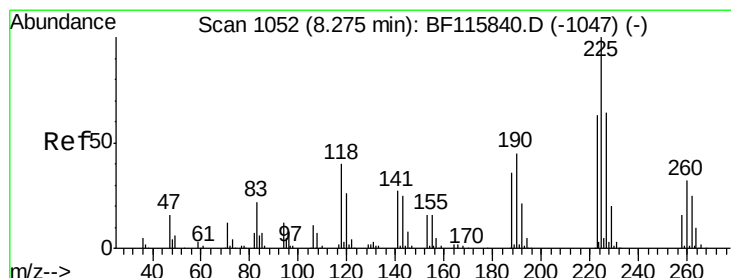
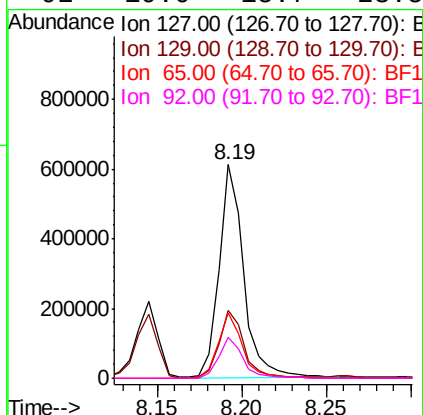
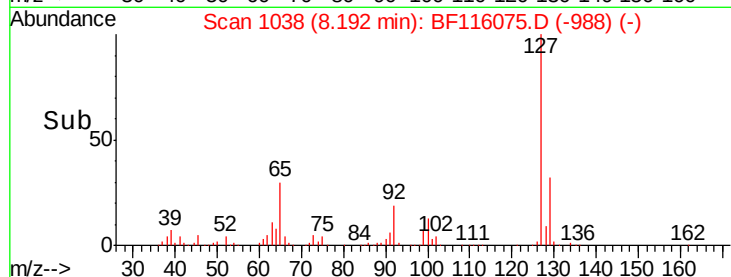
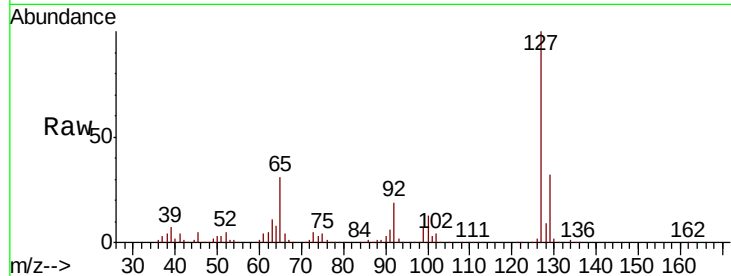




#33
4-Chloroaniline
Concen: 39.751 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

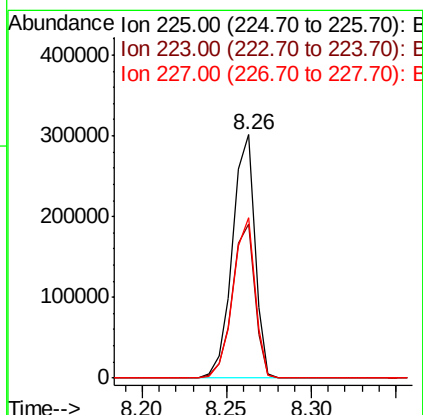
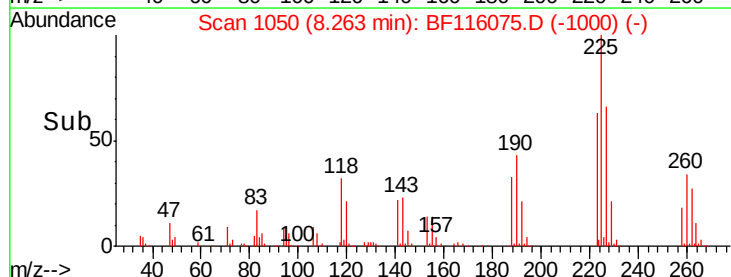
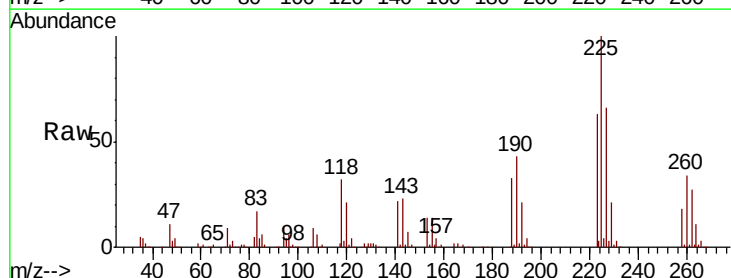
Instrument :
BNA_F
ClientSampled :

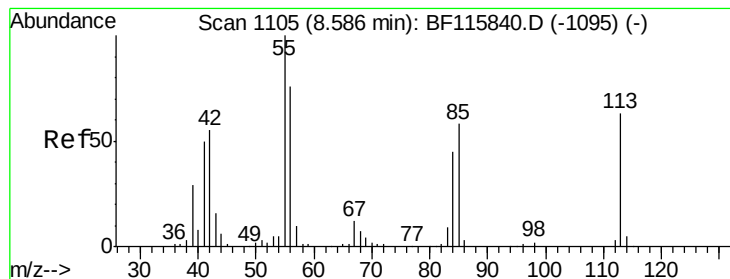
Tot Ion:	127	Resp:	622054
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	30.6	24.9	37.3
92	19.0	15.7	23.5



#34
Hexachlorobutadiene
Concen: 40.717 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion:	225	Resp:	278706
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.0	75.0
227	65.8	51.0	76.4





#35

Caprolactam

Concen: 40.559 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampleId :

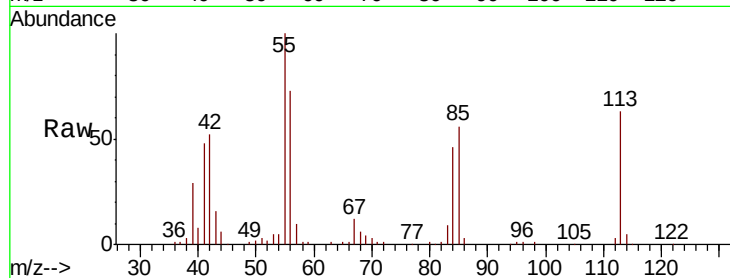
Tot Ion:113 Resp: 136754

Ion Ratio Lower Upper

113 100

55 159.7 144.3 184.3

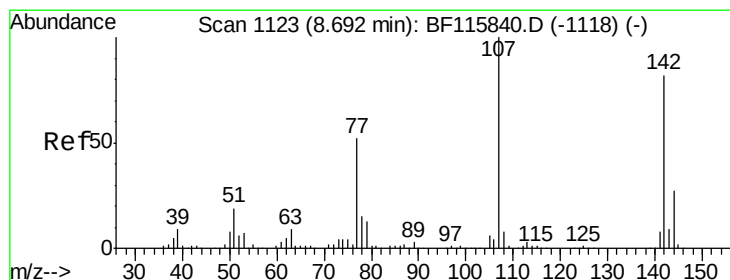
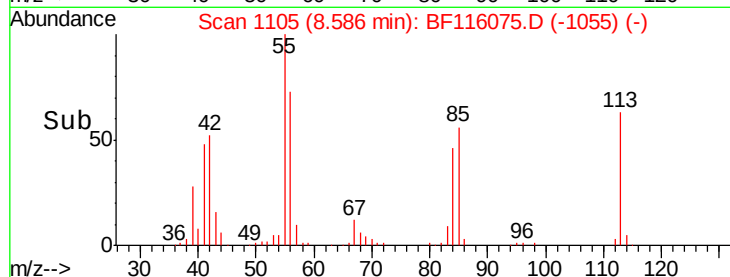
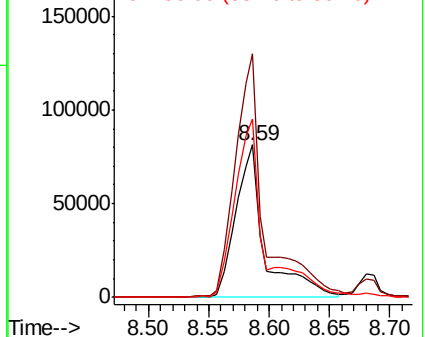
56 117.0 97.1 137.1



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: 42.845 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

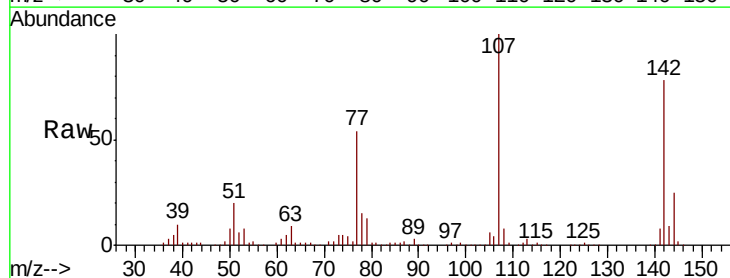
Tgt Ion:107 Resp: 464672

Ion Ratio Lower Upper

107 100

144 25.2 20.2 30.2

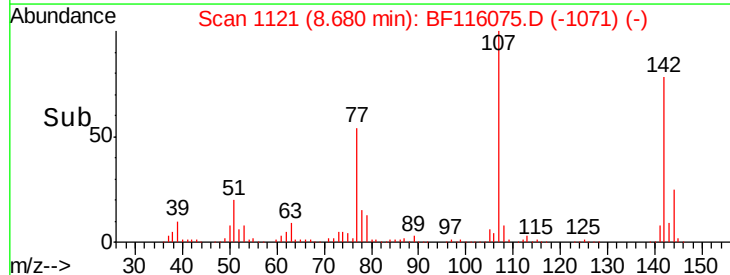
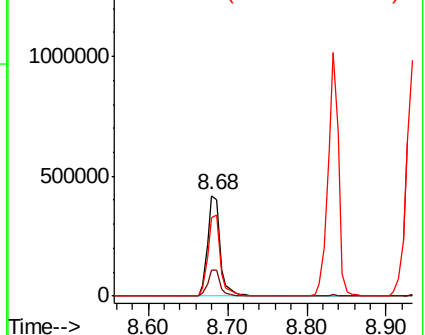
142 78.0 61.7 92.5

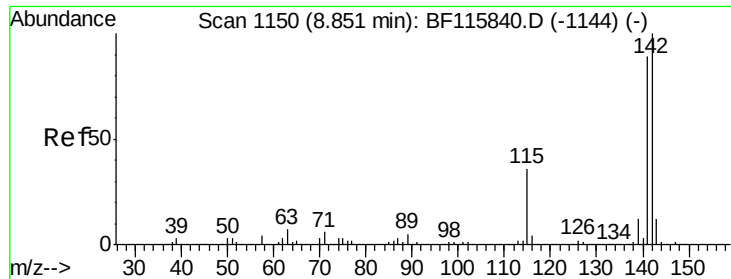


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

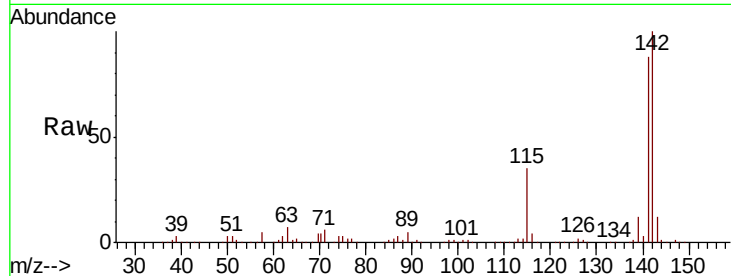




#37
2-Methylnaphthalene
Concen: 41.276 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3
115	35.4	29.0	43.6

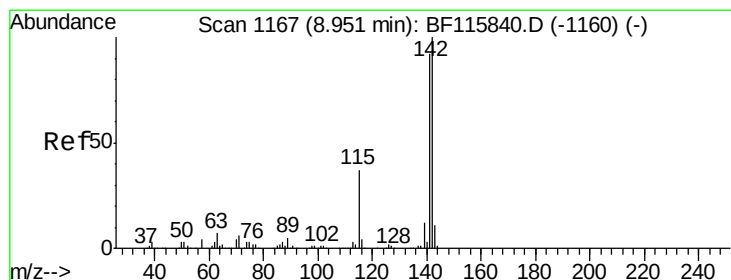
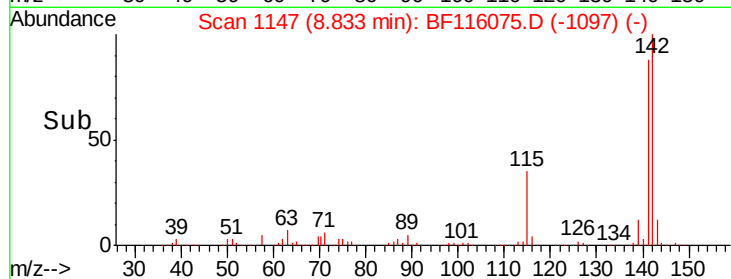
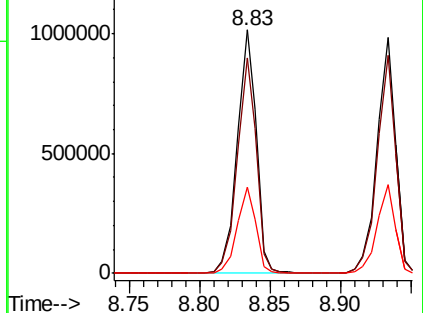


Abundance

Ion 142.00 (141.70 to 142.70): E

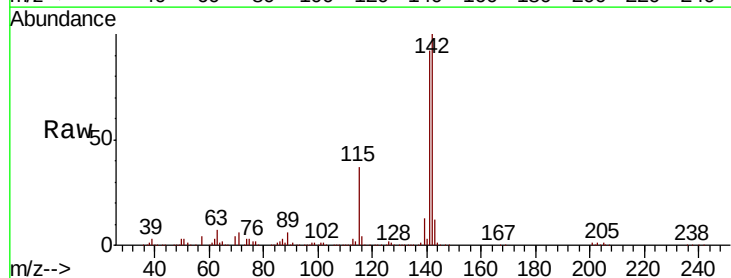
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.315 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.4	111.6
116	3.9	3.1	4.7

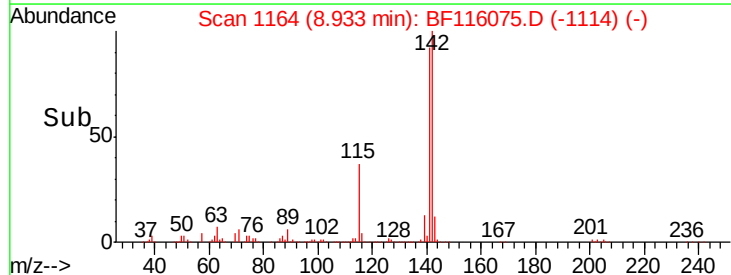
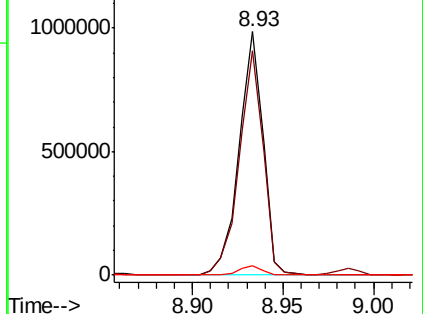


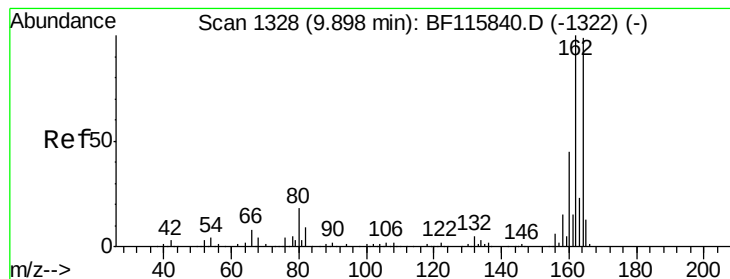
Abundance

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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampled :

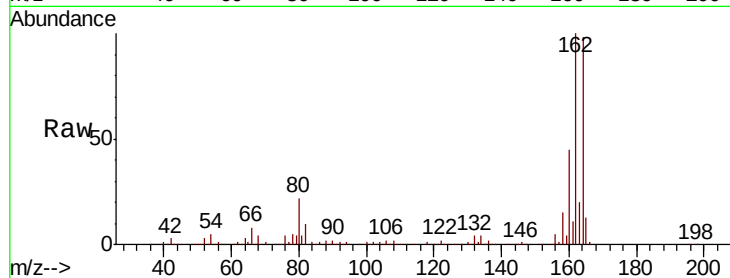
Tot Ion:164 Resp: 394797

Ion Ratio Lower Upper

164 100

162 102.2 82.6 124.0

160 46.4 37.6 56.4

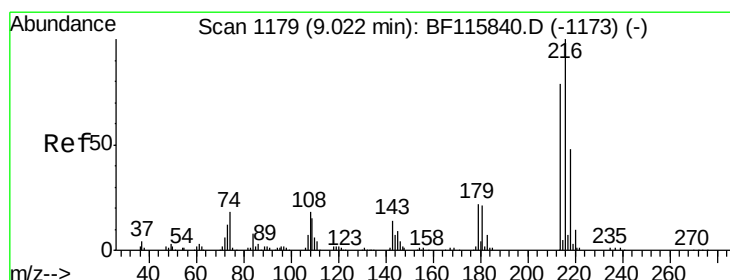
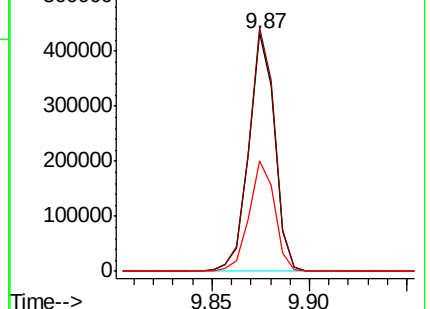
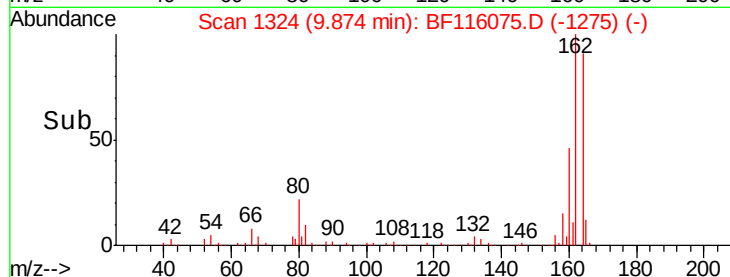


Abundance

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: 41.733 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Tgt Ion:216 Resp: 440472

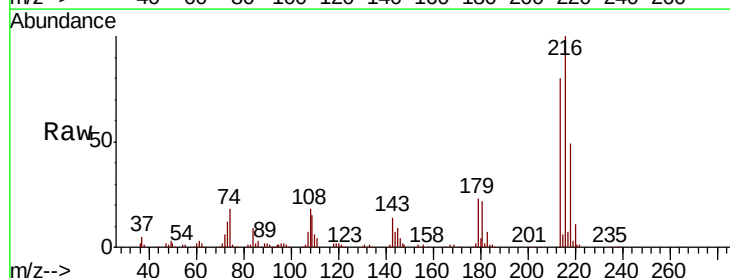
Ion Ratio Lower Upper

216 100

214 79.1 63.6 95.4

179 22.2 17.8 26.8

108 20.2 16.5 24.7



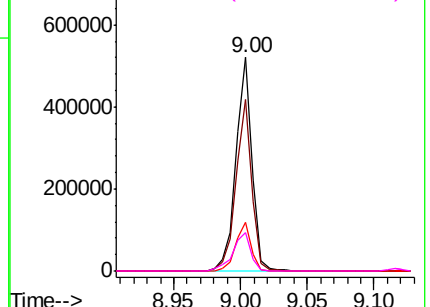
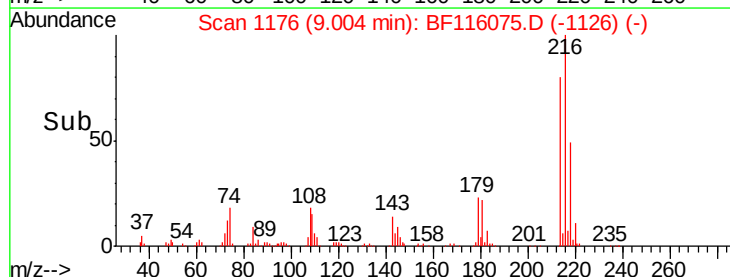
Abundance

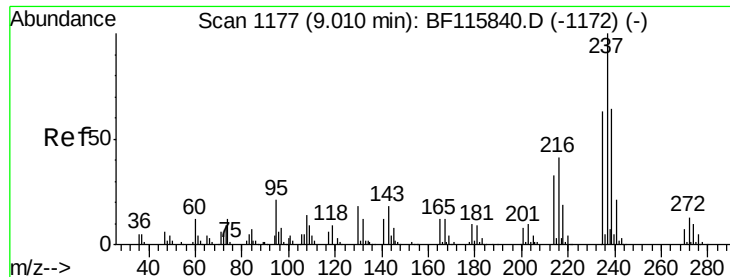
Ion 216.00 (215.70 to 216.70): E

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

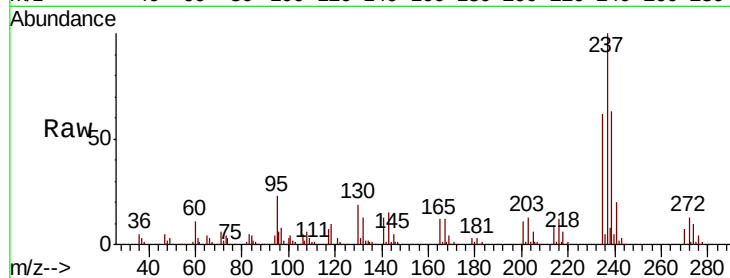




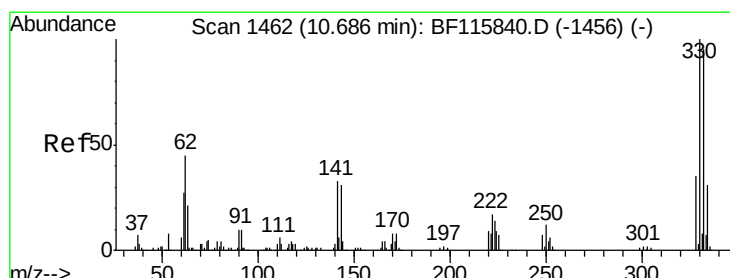
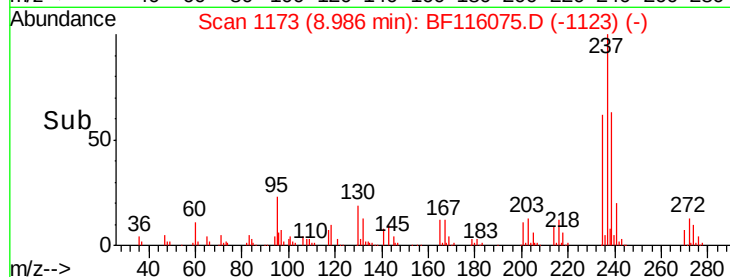
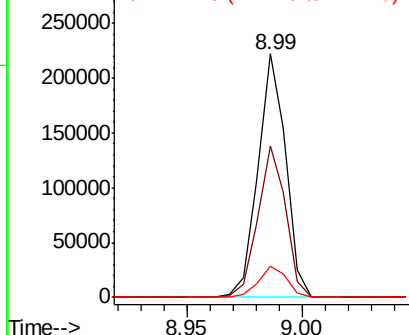
#41
 Hexachlorocyclopentadiene
 Concen: 42.365 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	237	Resp:	186480
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.4	83.4
272	12.7	0.0	33.2

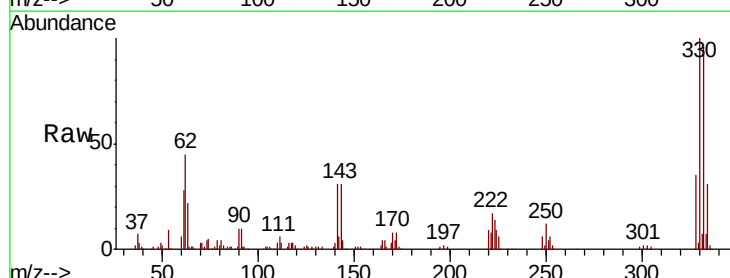


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

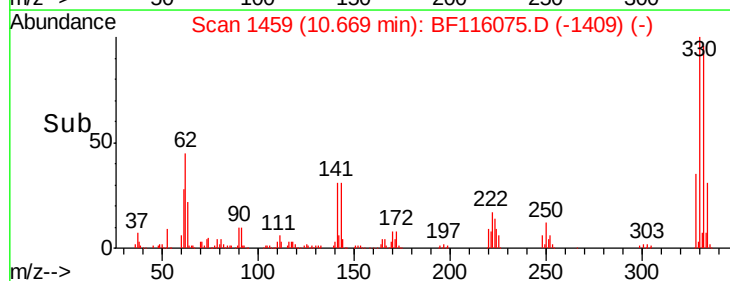
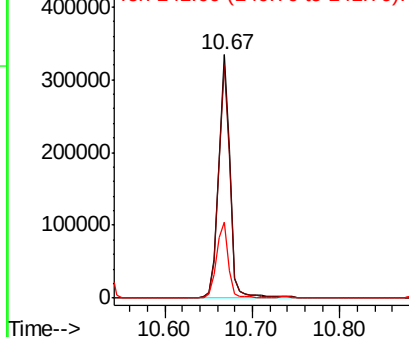


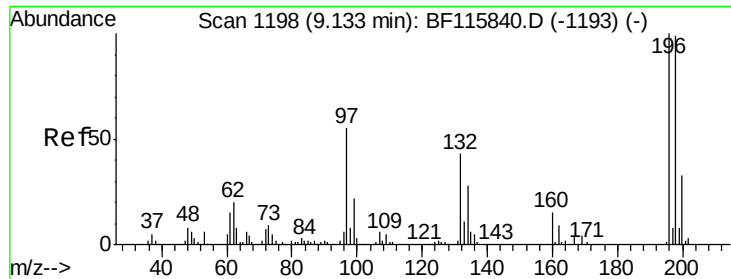
#42
 2,4,6-Tribromophenol
 Concen: 80.244 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Tgt Ion:	330	Resp:	307148
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.8	115.2
141	32.2	26.3	39.5



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

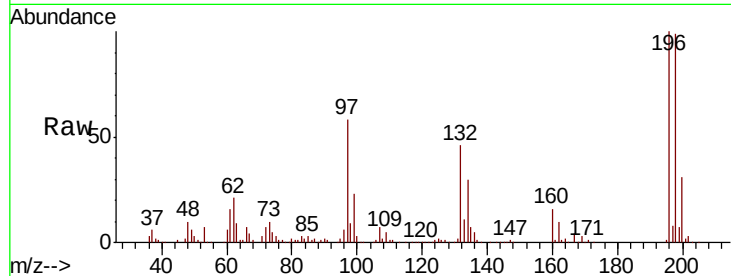




#43
 2,4,6-Trichlorophenol
 Concen: 40.095 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.2	118.8
200	31.5	25.2	37.8

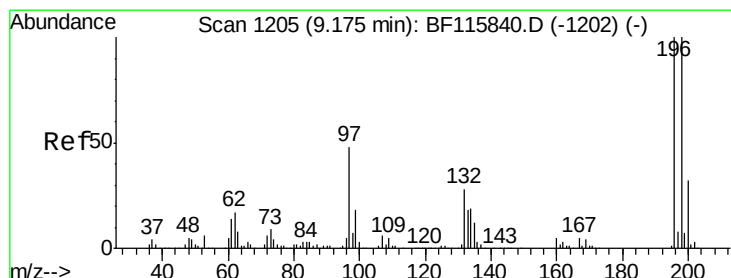
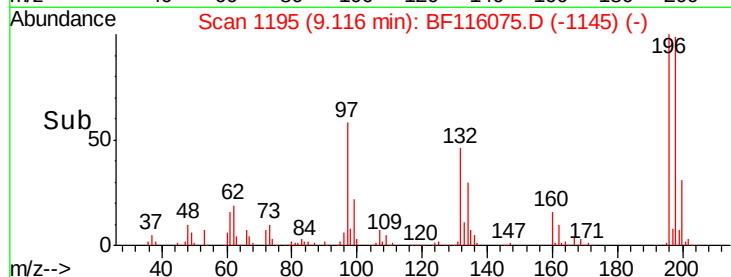
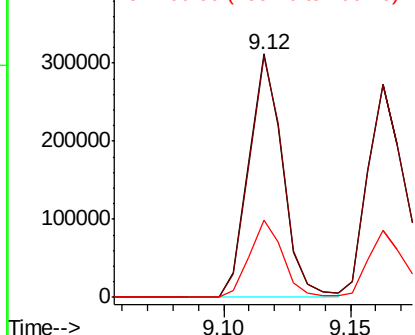


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.956 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	78.8	118.2
97	50.4	42.2	63.4
132	29.4	24.0	36.0

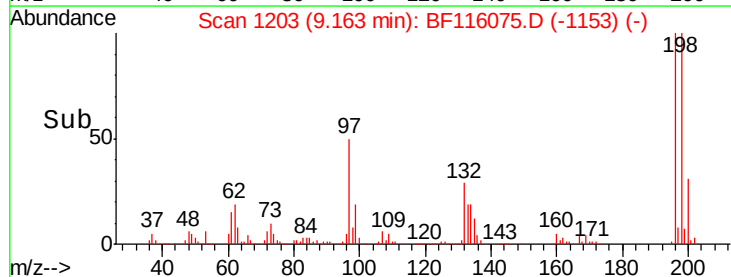
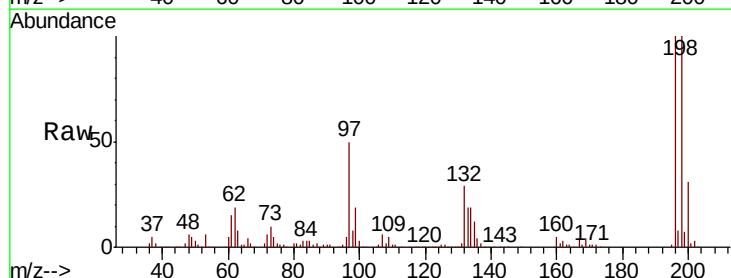
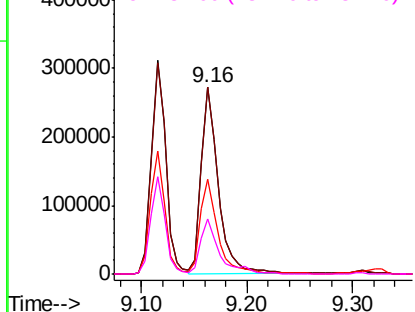
Abundance

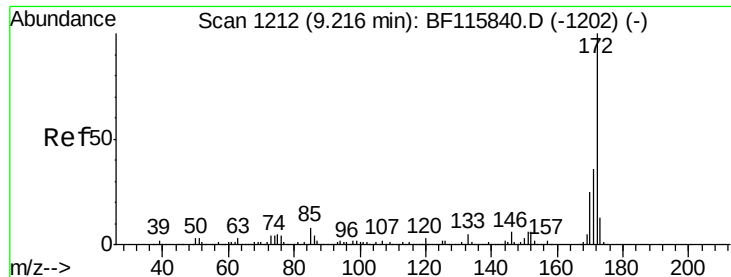
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

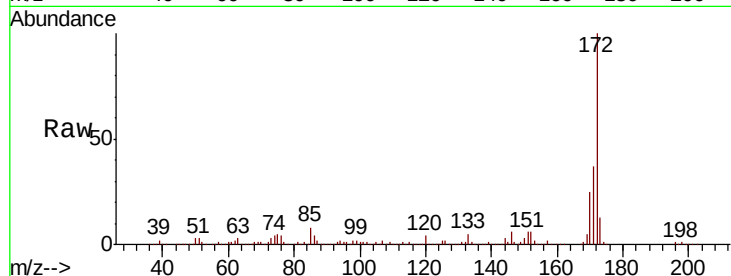




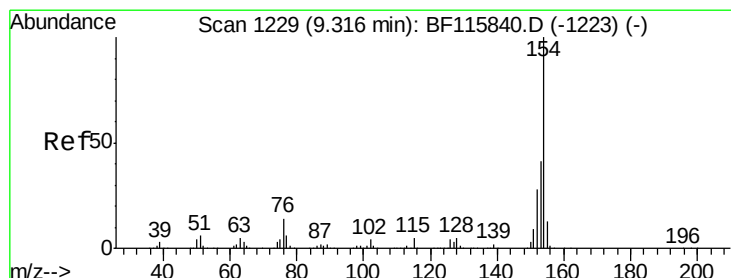
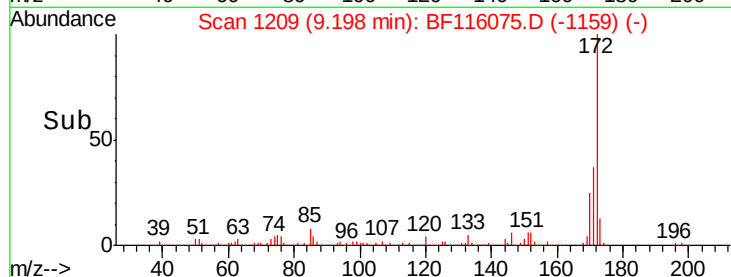
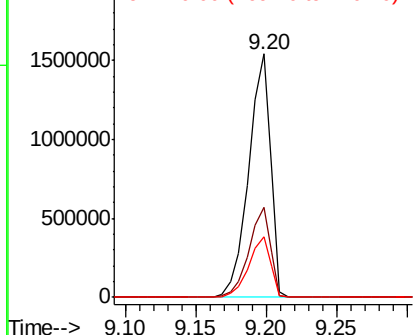
#45
2-Fluorobiphenyl
Concen: 79.771 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1681372
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 25.1 20.1 30.1

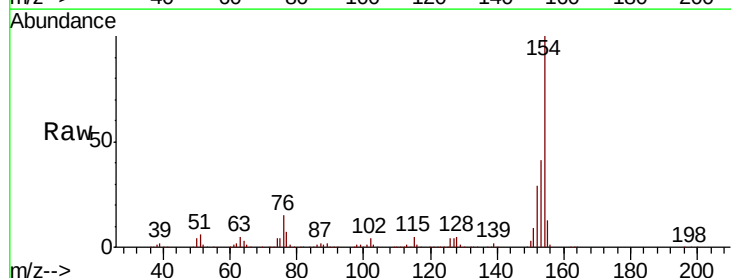


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

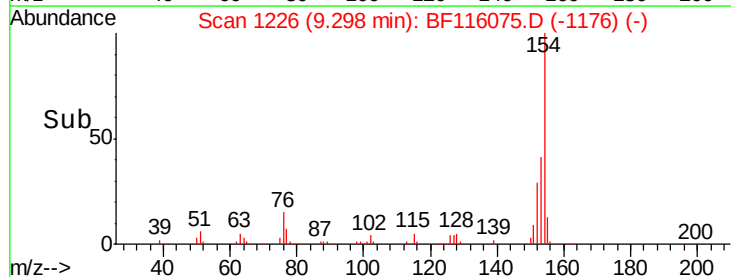
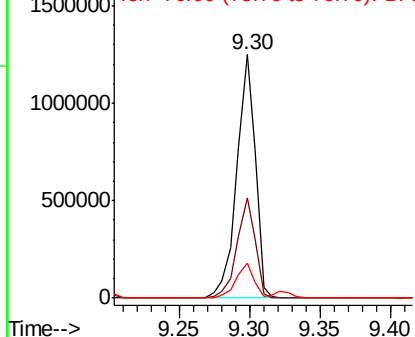


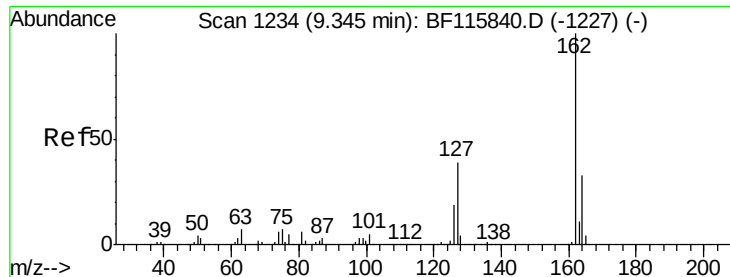
#46
1,1'-Biphenyl
Concen: 40.934 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion:154 Resp: 1140929
Ion Ratio Lower Upper
154 100
153 41.3 21.4 61.4
76 14.5 0.0 35.2



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

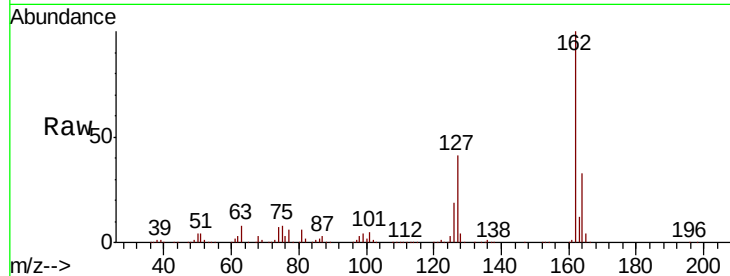




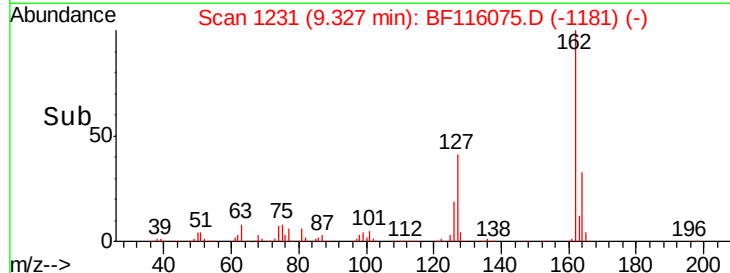
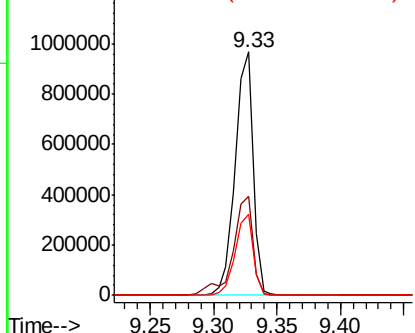
#47
 2-Chloronaphthalene
 Concen: 40.410 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 937428
 Ion Ratio Lower Upper
 162 100
 127 40.8 32.8 49.2
 164 33.5 26.6 39.8

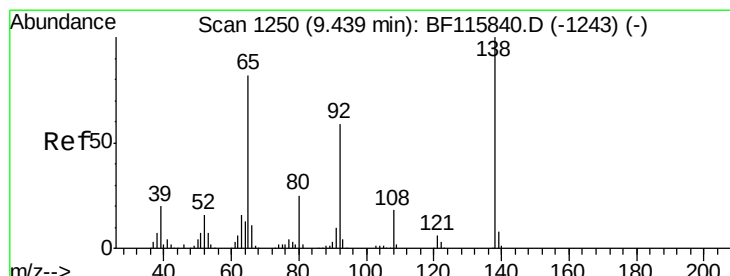


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

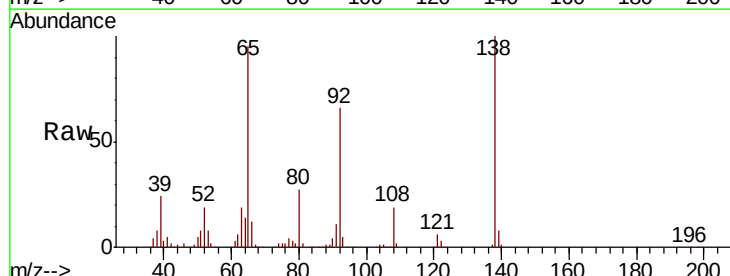
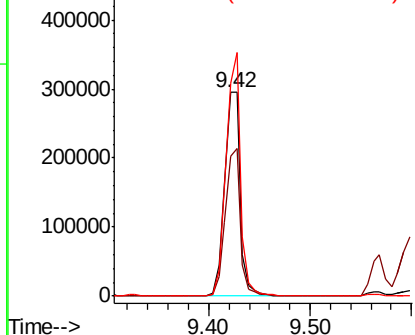


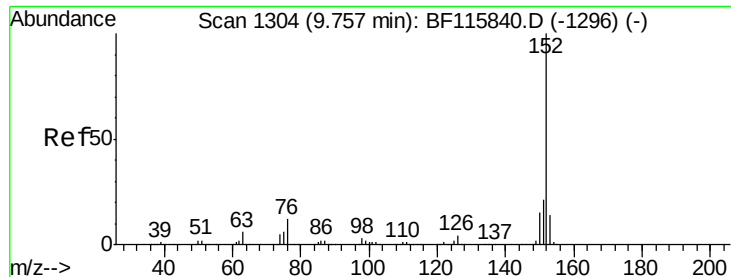
#48
 2-Nitroaniline
 Concen: 41.171 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Tgt Ion: 65 Resp: 315697
 Ion Ratio Lower Upper
 65 100
 92 68.7 57.8 86.8
 138 104.9 94.0 141.0



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: 40.441 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampleId :

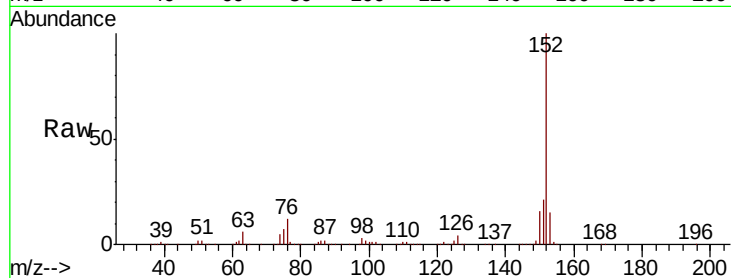
Tot Ion:152 Resp: 1368698

Ion Ratio Lower Upper

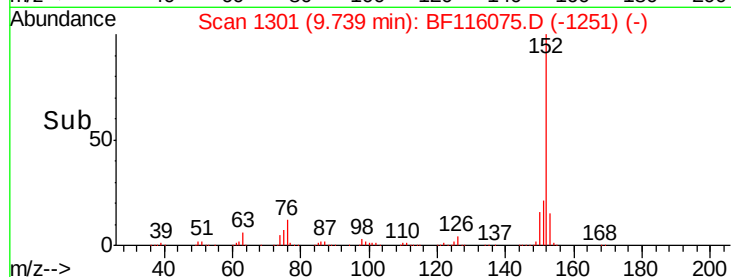
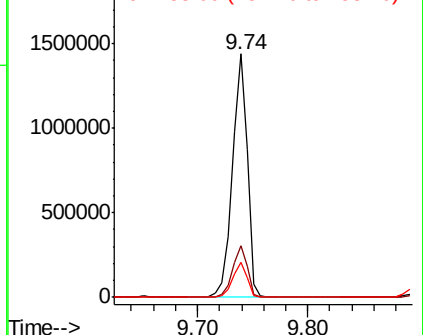
152 100

151 21.3 17.2 25.8

153 14.5 11.8 17.8



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: 41.689 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

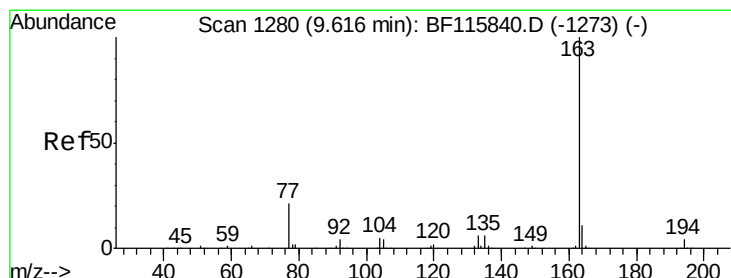
Tgt Ion:163 Resp: 1120661

Ion Ratio Lower Upper

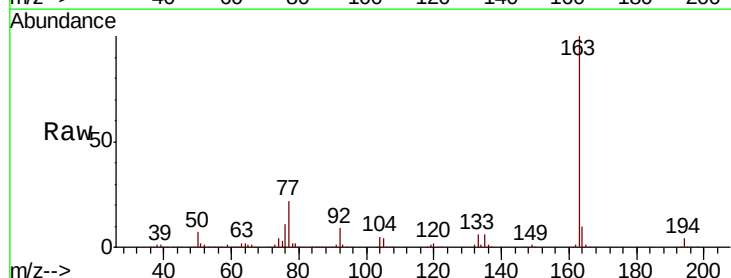
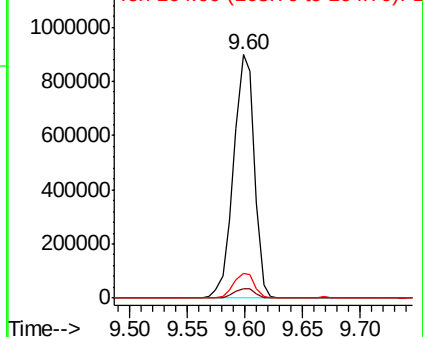
163 100

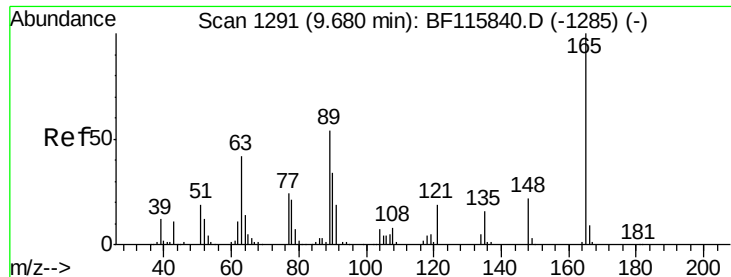
194 3.8 3.0 4.6

164 10.2 8.4 12.6



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: 41.907 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampled :

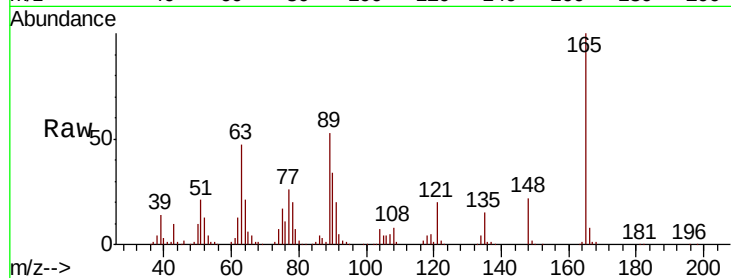
Tot Ion:165 Resp: 244809

Ion Ratio Lower Upper

165 100

63 47.2 38.2 57.2

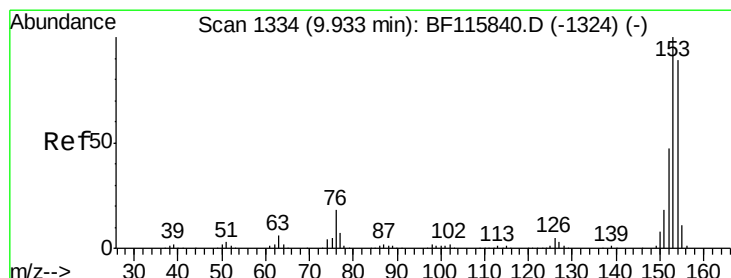
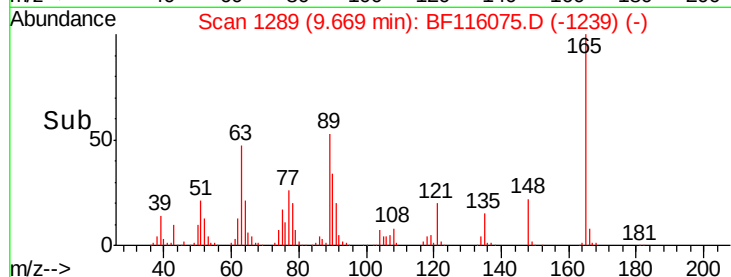
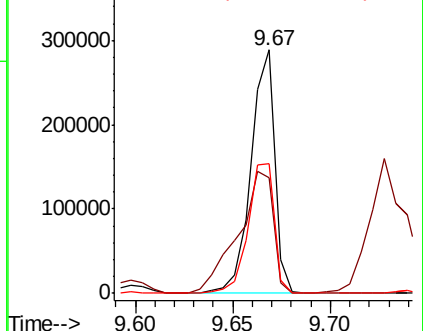
89 53.0 42.9 64.3



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



#52

Acenaphthene

Concen: 40.175 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

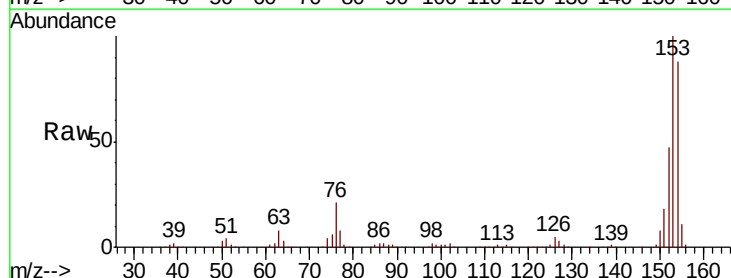
Tgt Ion:154 Resp: 834139

Ion Ratio Lower Upper

154 100

153 113.1 89.4 134.0

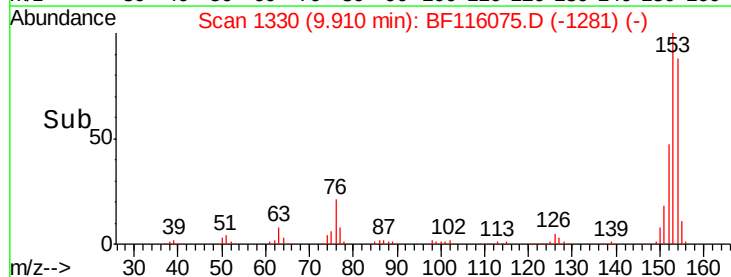
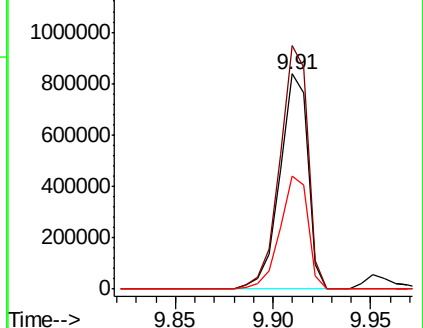
152 52.7 42.3 63.5

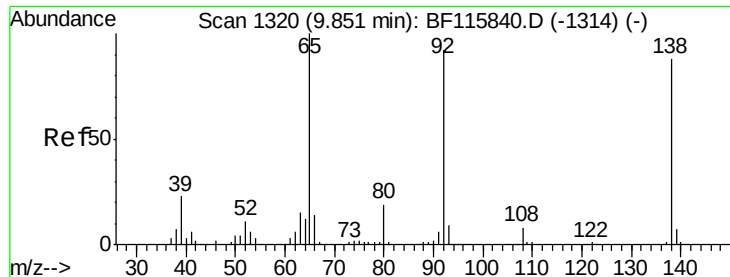


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

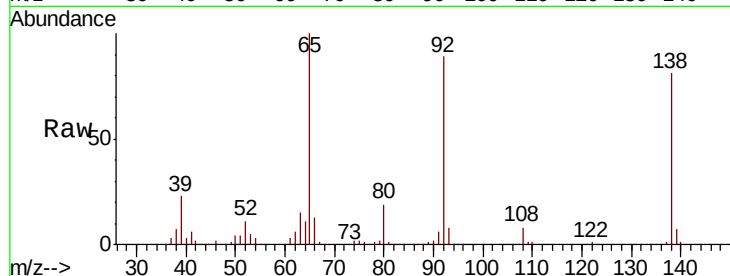




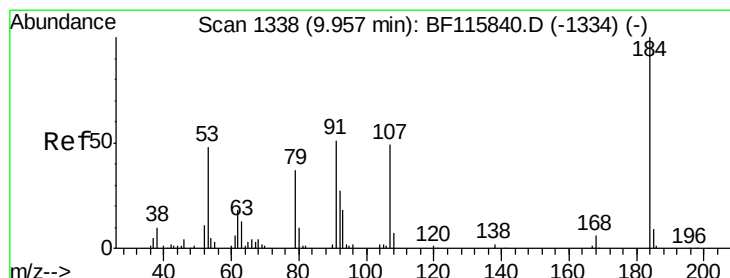
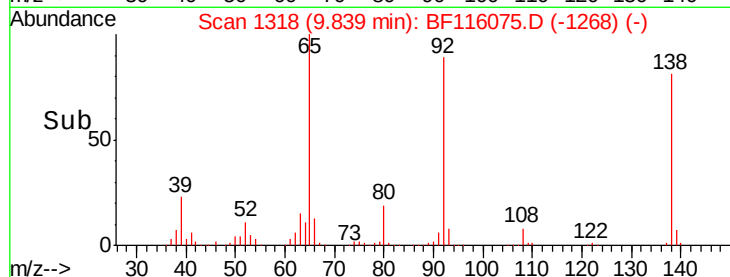
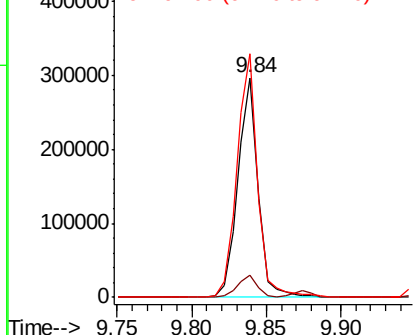
#53
 3-Nitroaniline
 Concen: 39.007 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 281560
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.0 12.0
 92 110.8 91.0 136.6

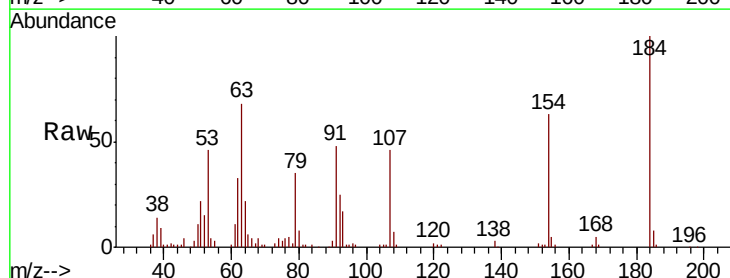


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

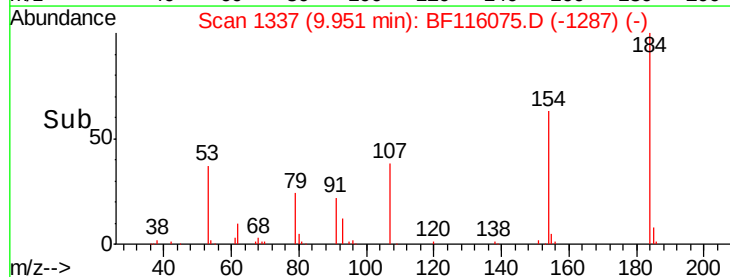
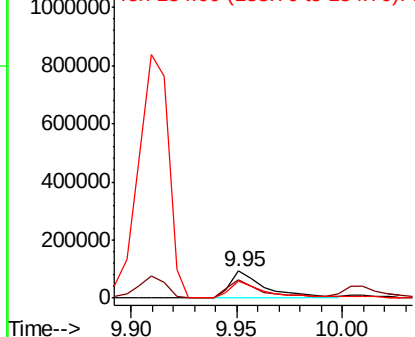


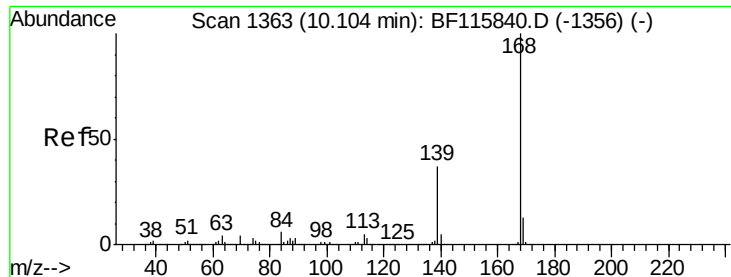
#54
 2,4-Dinitrophenol
 Concen: 40.436 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Tgt Ion:184 Resp: 107420
 Ion Ratio Lower Upper
 184 100
 63 68.0 53.0 79.4
 154 62.5 50.1 75.1



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

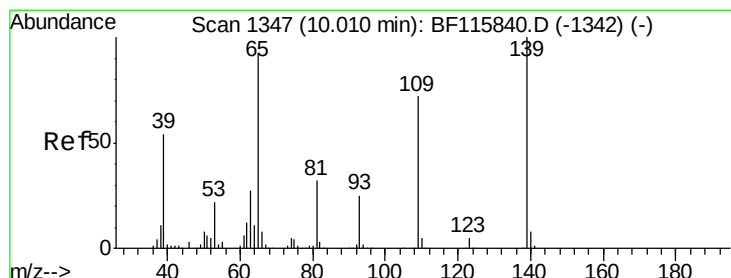
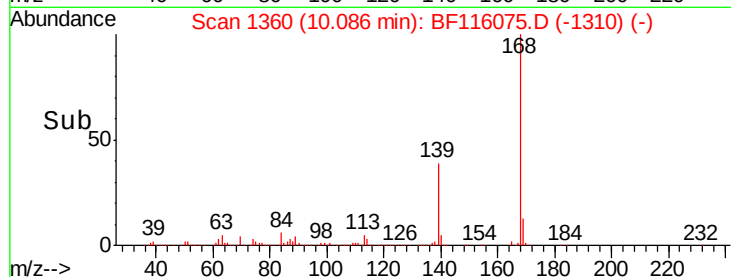
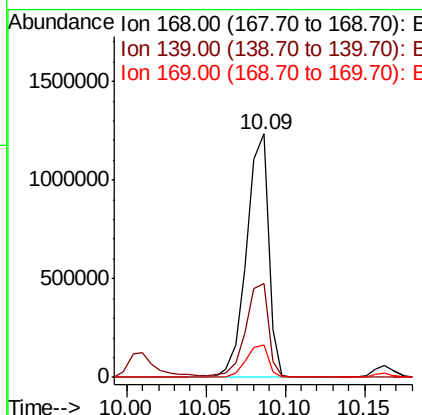
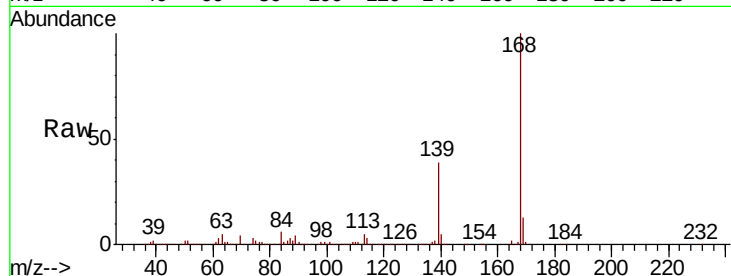




#55
Dibenzofuran
Concen: 39.298 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

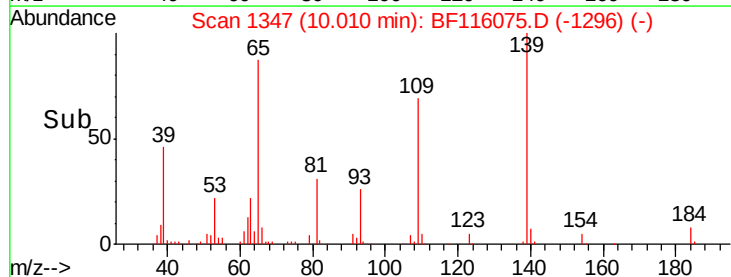
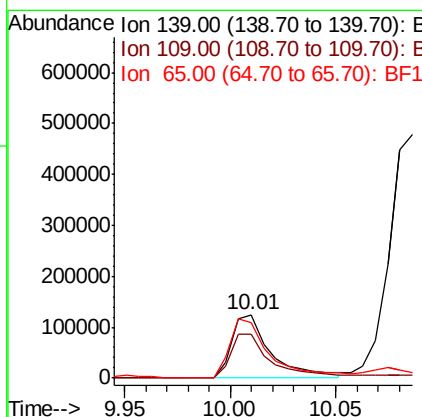
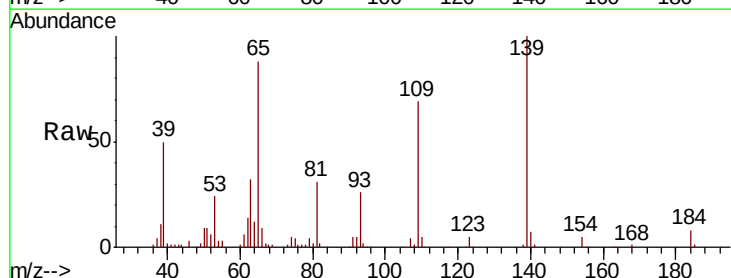
Instrument :
BNA_F
ClientSampleId :

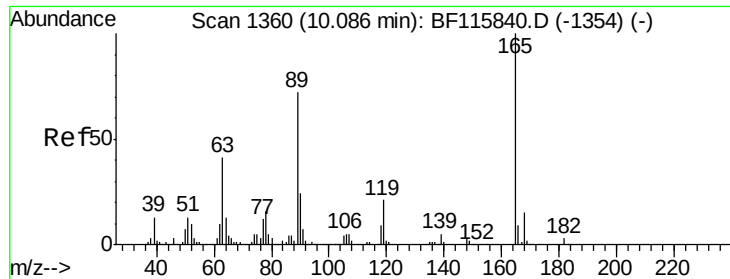
Tot Ion:168 Resp: 1186578
Ion Ratio Lower Upper
168 100
139 38.7 31.4 47.2
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 34.636 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion:139 Resp: 160156
Ion Ratio Lower Upper
139 100
109 68.7 54.4 94.4
65 88.1 80.6 120.6

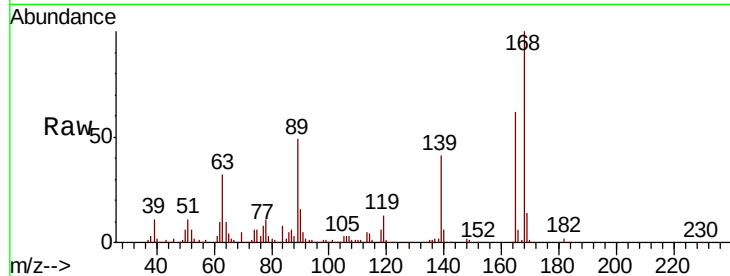




#57
2,4-Dinitrotoluene
Concen: 38.430 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	39.6	59.4
89	80.0	62.2	93.2
182	2.6	2.1	3.1



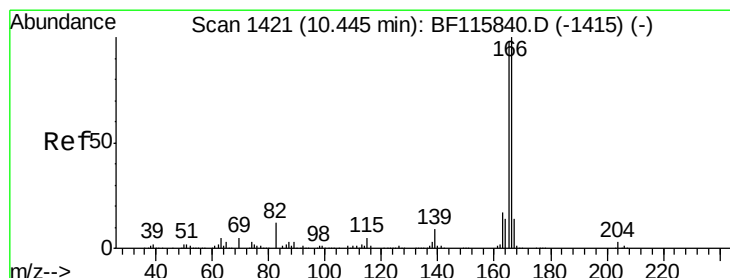
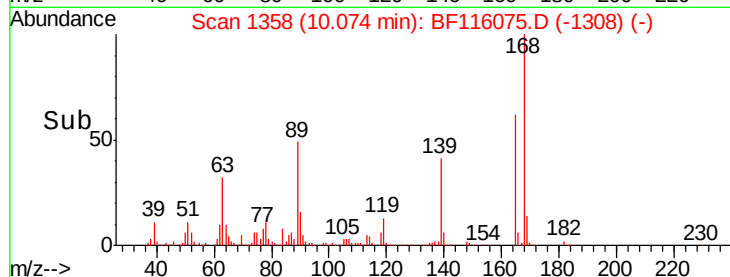
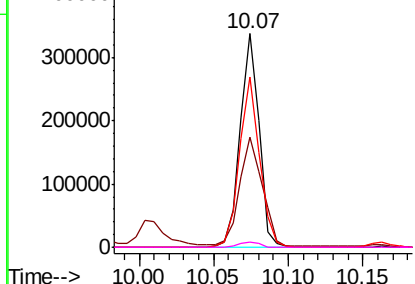
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

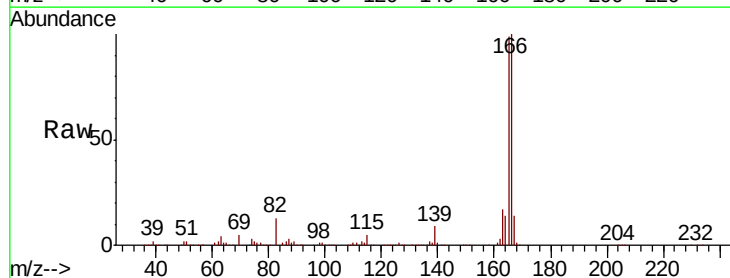
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.906 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.4	117.6
167	13.5	11.0	16.4

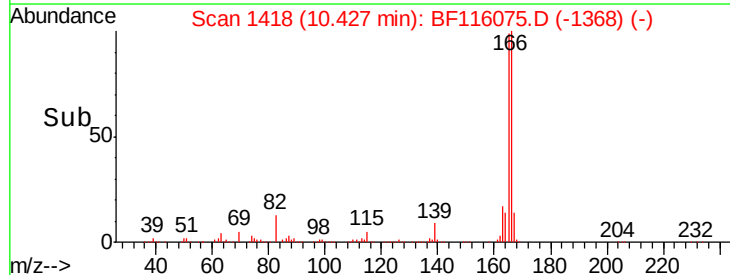
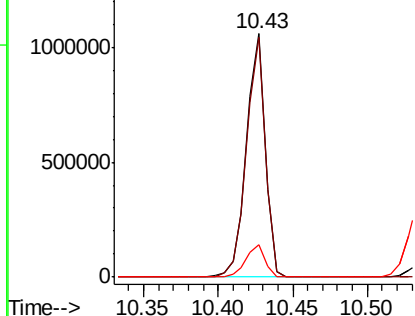


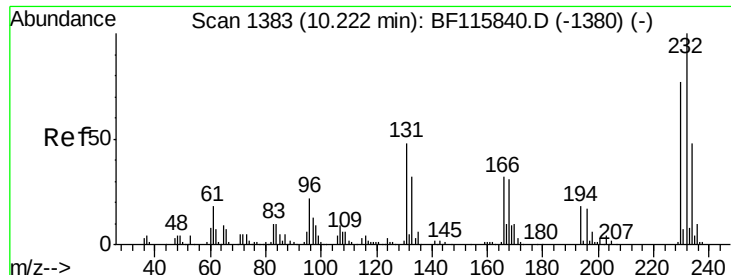
Abundance

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

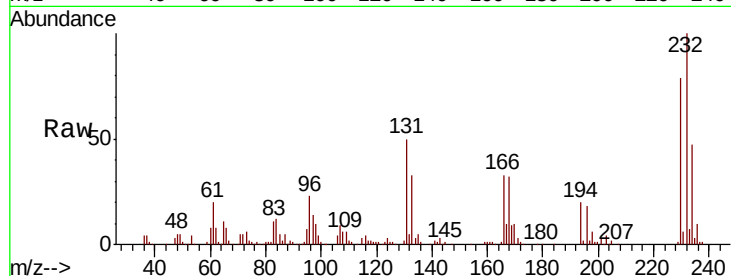




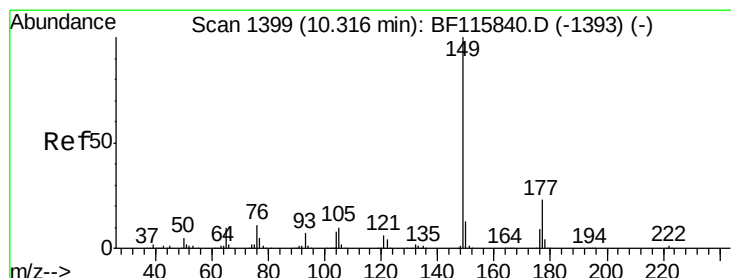
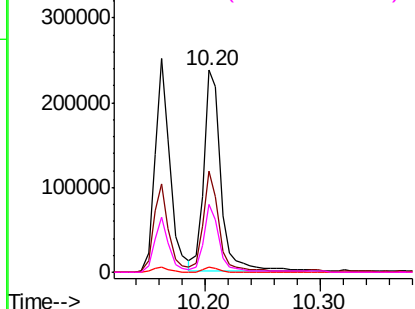
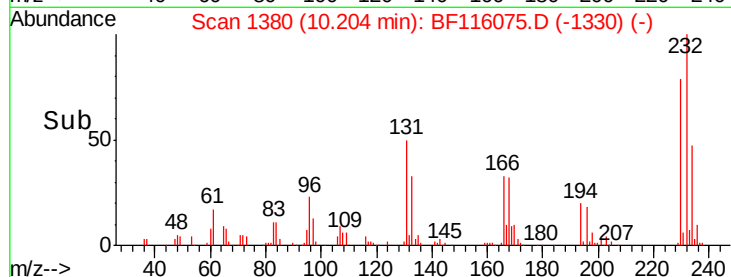
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.033 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 246608
Ion Ratio Lower Upper
232 100
131 45.0 36.2 54.2
130 2.4 1.9 2.9
166 30.0 23.0 34.4

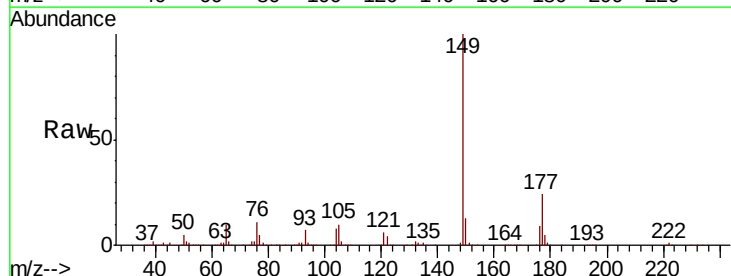


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

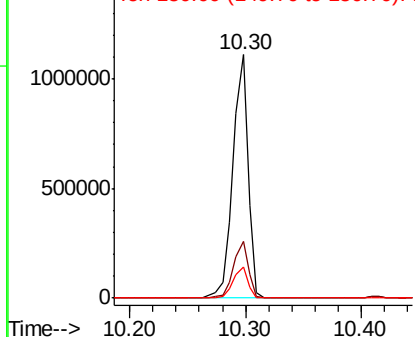
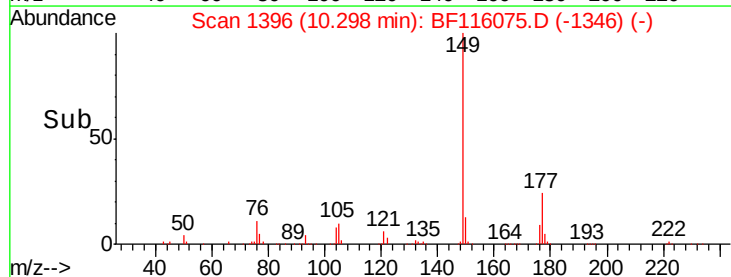


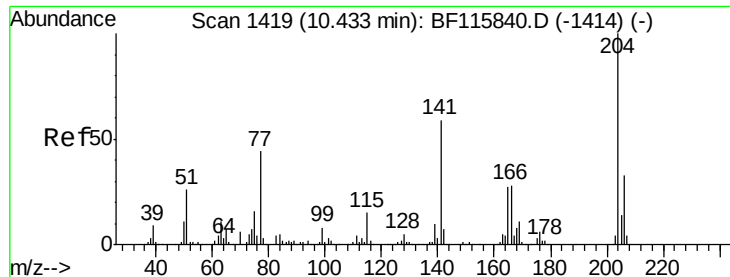
#60
Diethylphthalate
Concen: 40.368 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion:149 Resp: 1013122
Ion Ratio Lower Upper
149 100
177 23.5 18.8 28.2
150 12.6 10.2 15.4



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

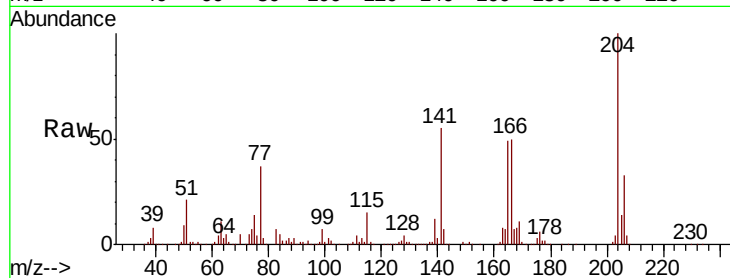




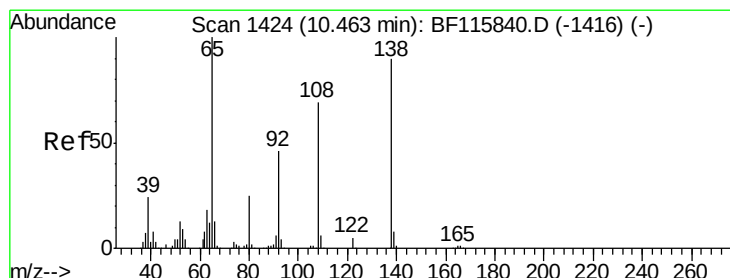
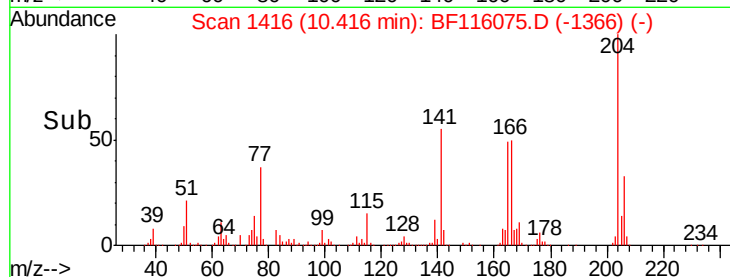
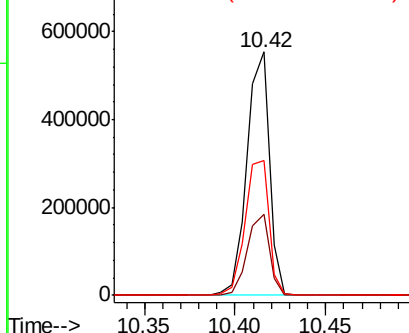
#61
4-Chlorophenyl-phenylether
Concen: 40.640 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 478142
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 55.4 46.4 69.6

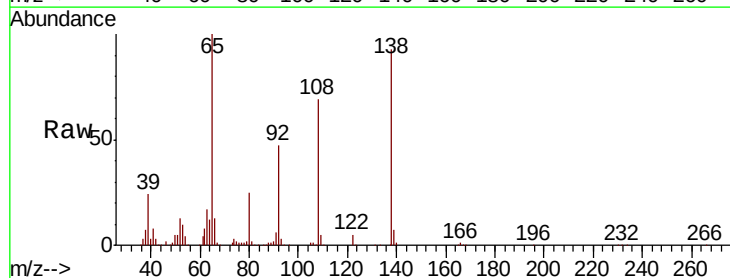


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

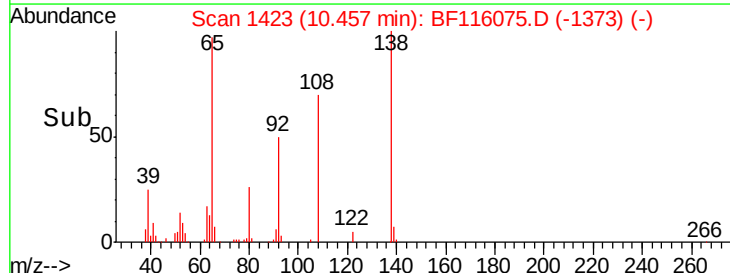
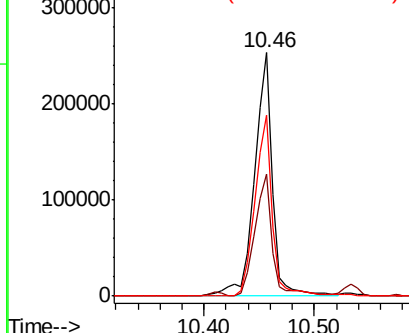


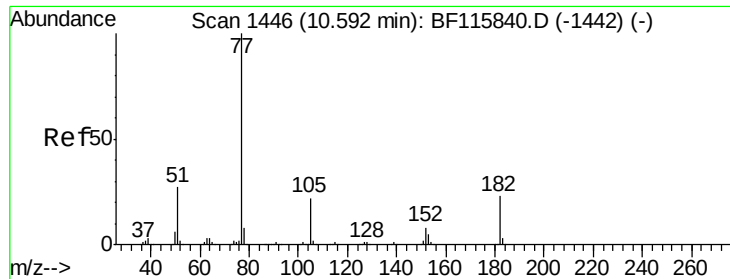
#62
4-Nitroaniline
Concen: 38.675 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion:138 Resp: 288504
Ion Ratio Lower Upper
138 100
92 50.0 29.0 69.0
108 74.4 54.7 94.7



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: 40.812 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1053521

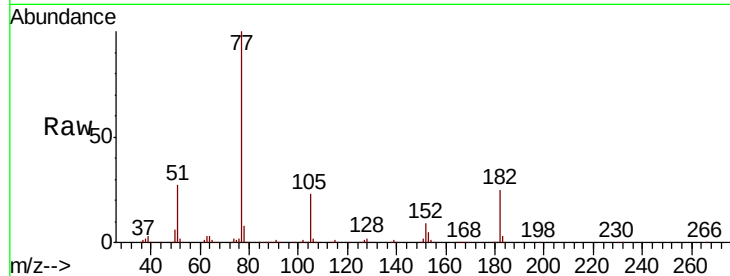
Ion Ratio Lower Upper

77 100

182 24.5 4.0 44.0

105 22.6 2.0 42.0

51 27.1 7.5 47.5

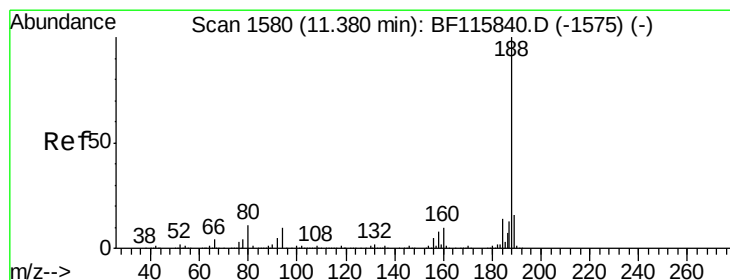
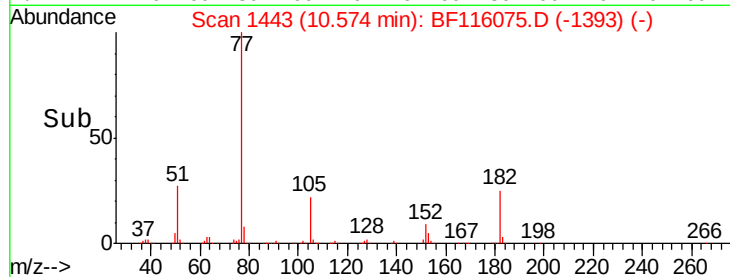
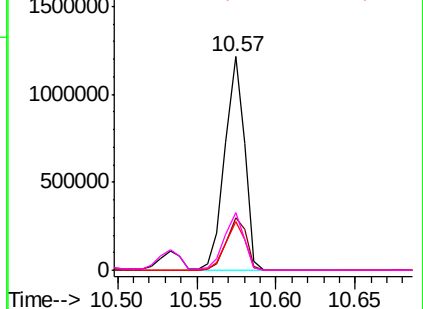


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

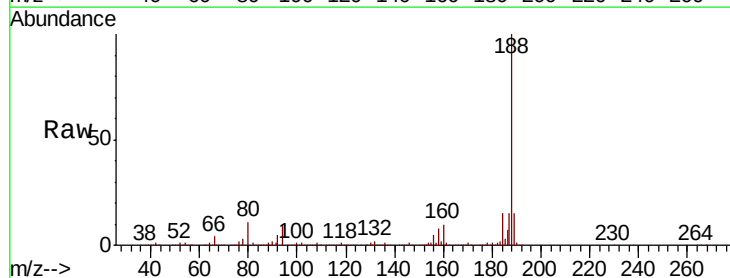
Tgt Ion: 188 Resp: 657970

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

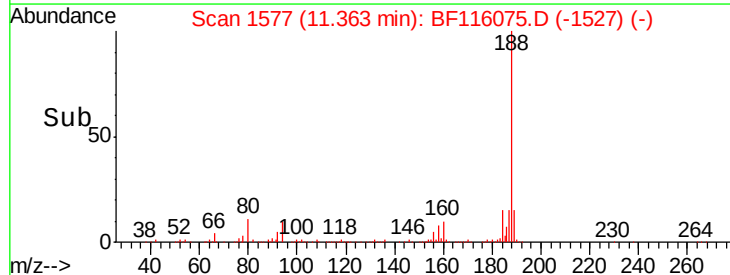
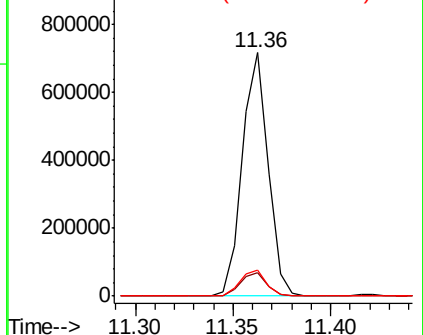
80 10.7 8.7 13.1

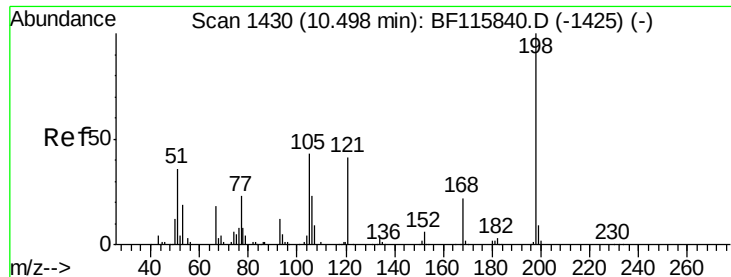


Abundance Ion 188.00 (187.70 to 188.70): E

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: 47.372 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampleId :

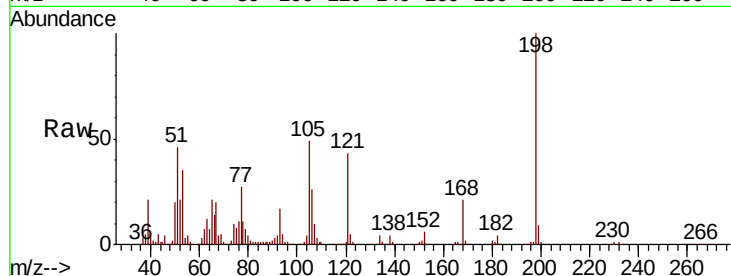
Tot Ion:198 Resp: 165178

Ion Ratio Lower Upper

198 100

51 46.0 17.0 57.0

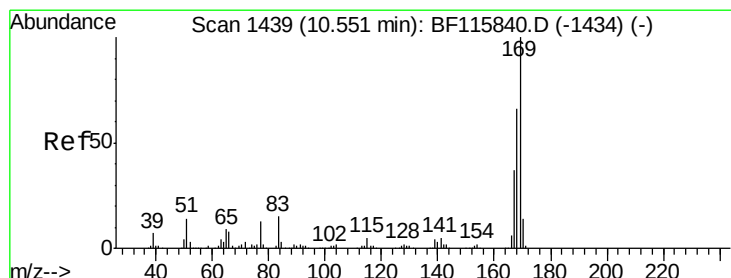
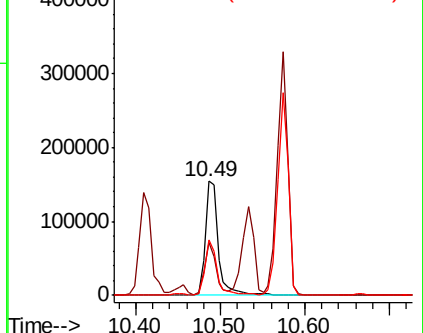
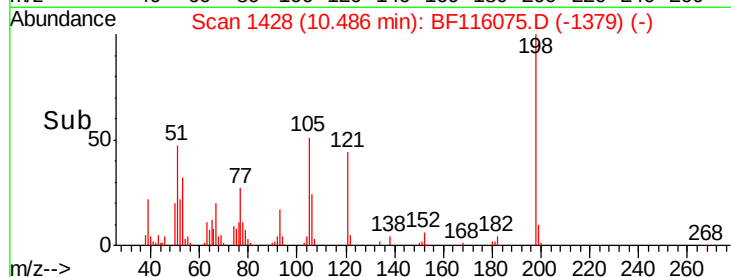
105 48.9 21.6 61.6



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: 42.699 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

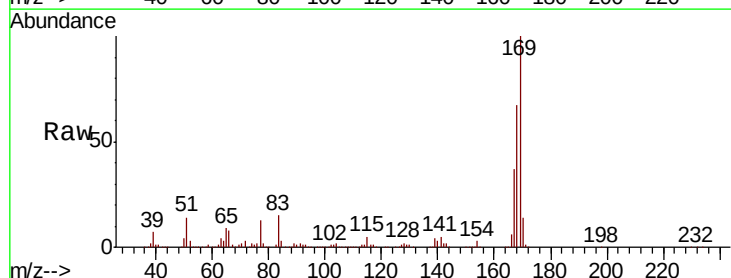
Tgt Ion:169 Resp: 845625

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

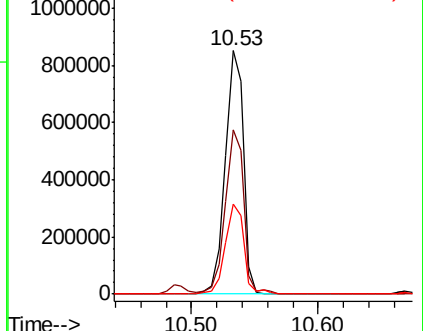
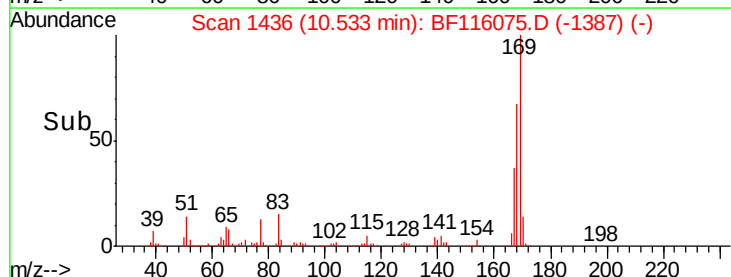
167 36.8 29.6 44.4

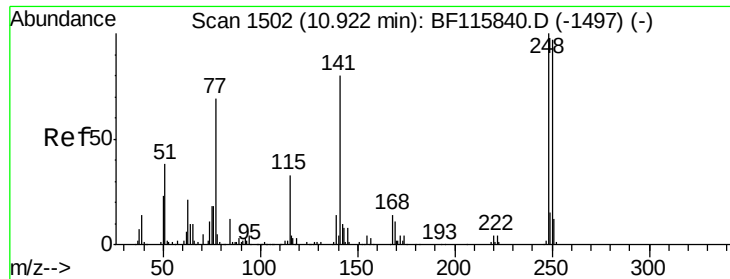


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

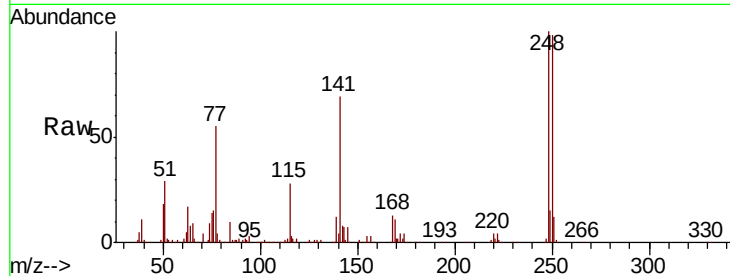




#67
4-Bromophenyl-phenylether
Concen: 42.723 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.4	116.2
141	69.3	56.8	85.2

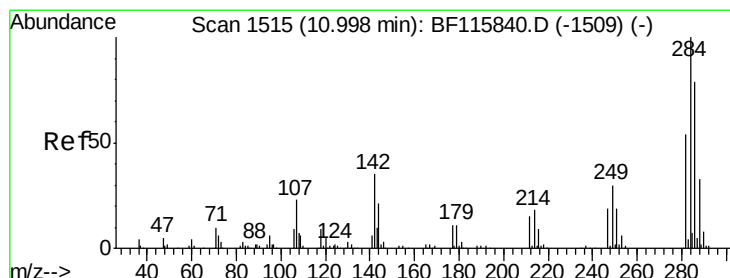
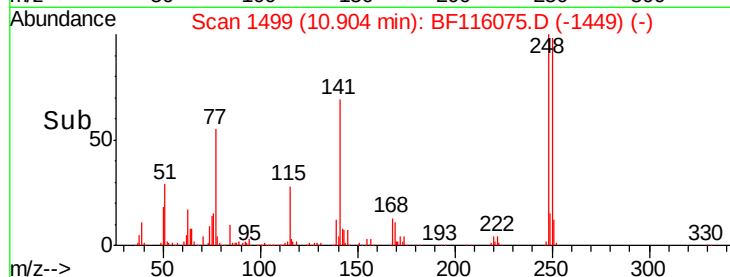
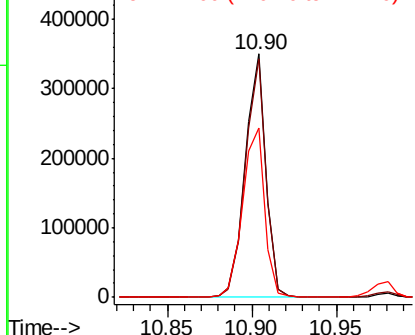


Abundance

Ion 248.00 (247.70 to 248.70): E

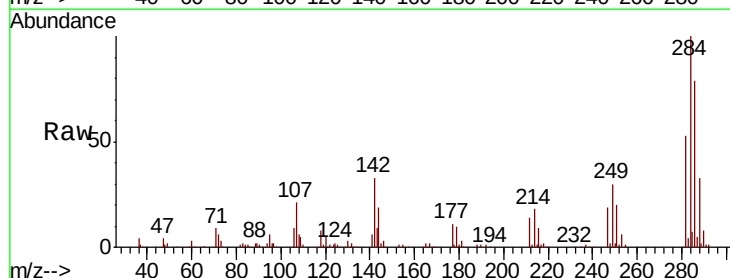
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.238 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	28.4	42.6
249	29.9	24.5	36.7

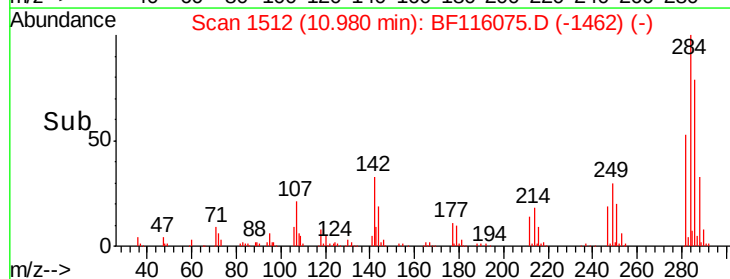
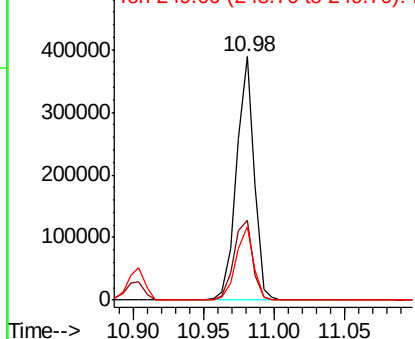


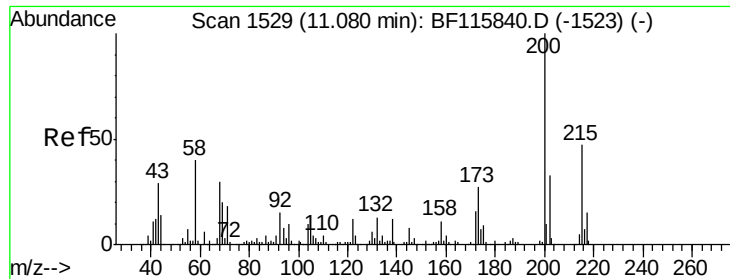
Abundance

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: 34.370 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampled :

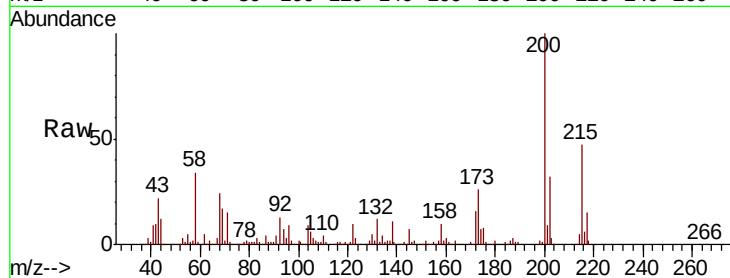
Tot Ion:200 Resp: 223927

Ion Ratio Lower Upper

200 100

173 25.8 6.8 46.8

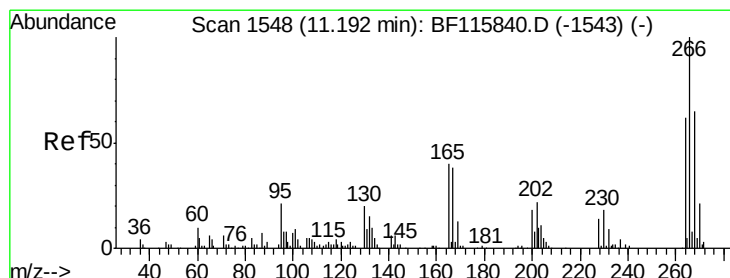
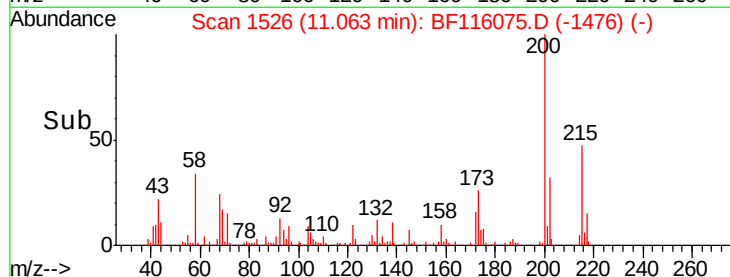
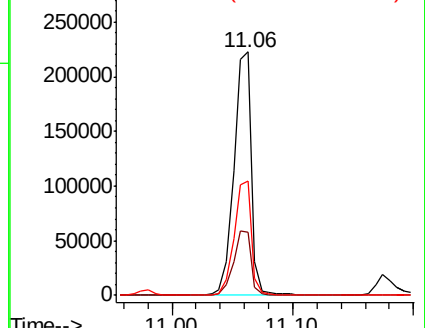
215 47.0 27.5 67.5



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: 34.882 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

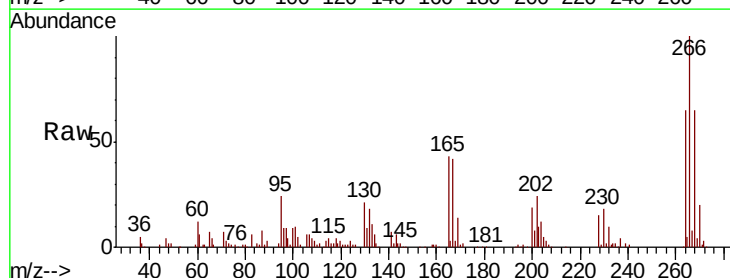
Tgt Ion:266 Resp: 137932

Ion Ratio Lower Upper

266 100

268 64.9 48.8 73.2

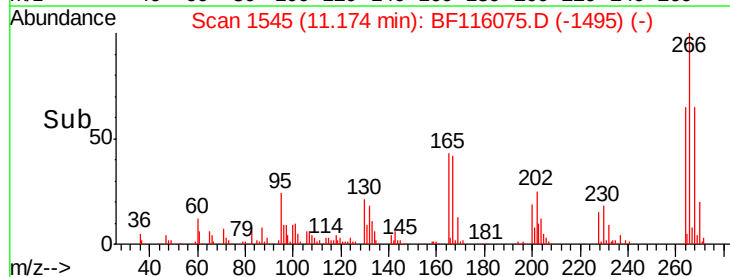
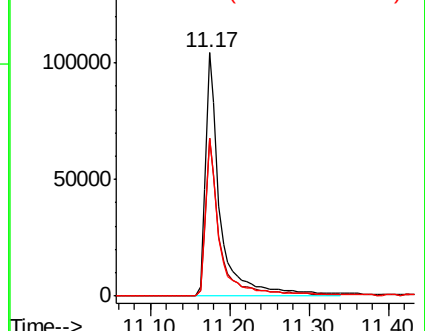
264 64.8 50.6 76.0

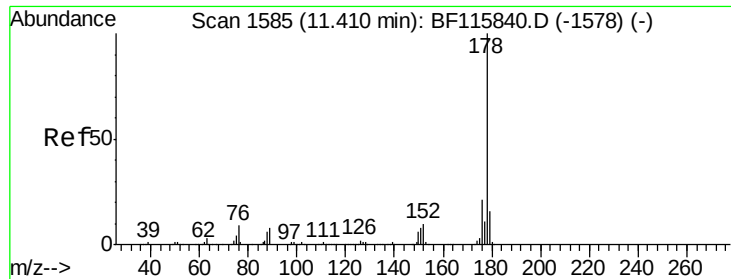


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.490 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

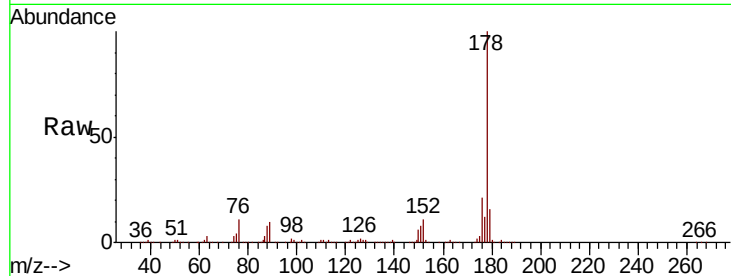
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1361962

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	24.8
179	16.4	12.5	18.7

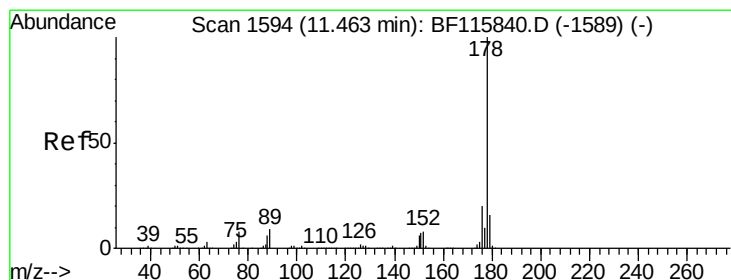
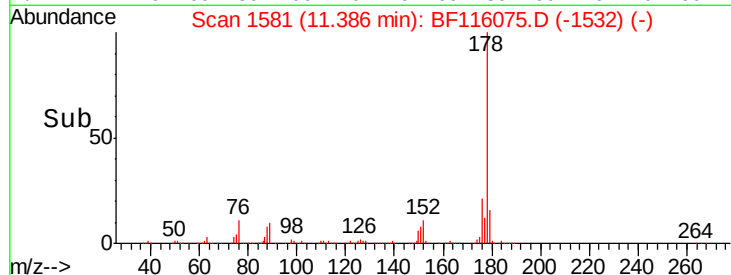
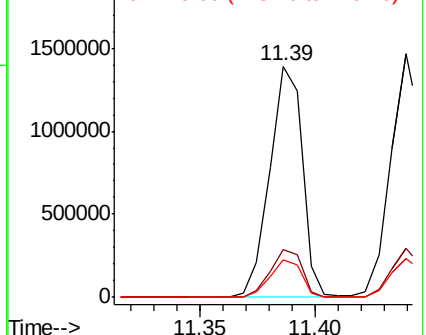


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.154 ng

RT: 11.44 min Scan# 1590

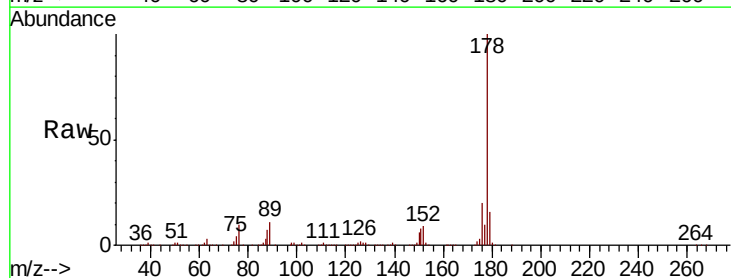
Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Tgt Ion:178 Resp: 1400952

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.1	13.0	19.6

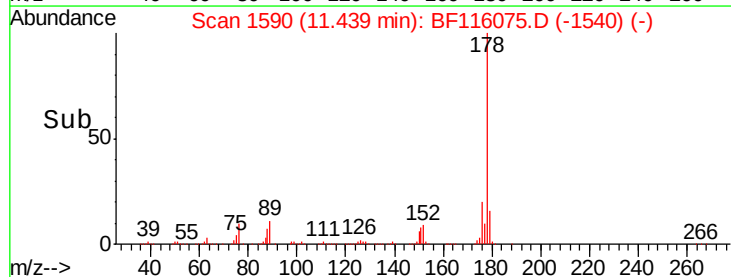
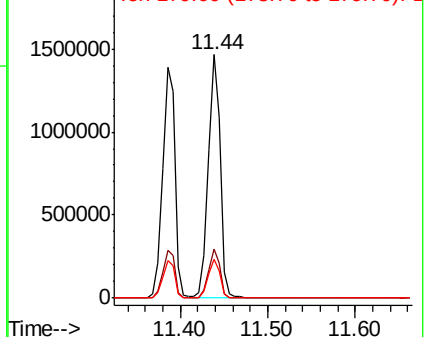


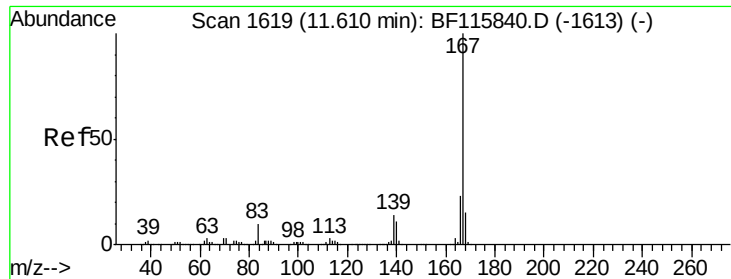
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



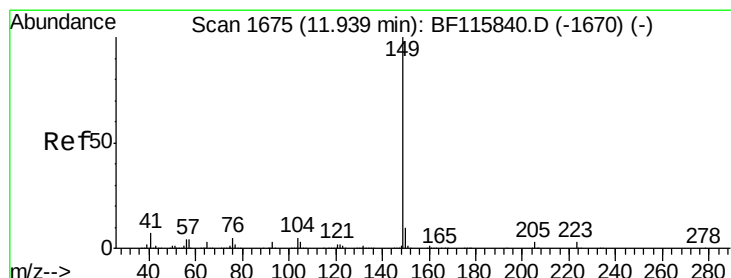
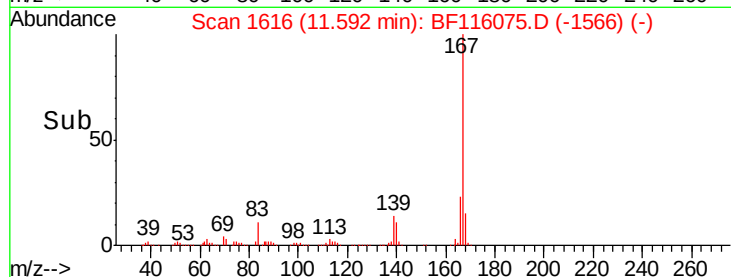
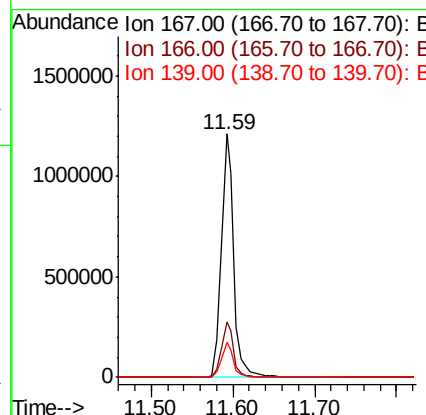
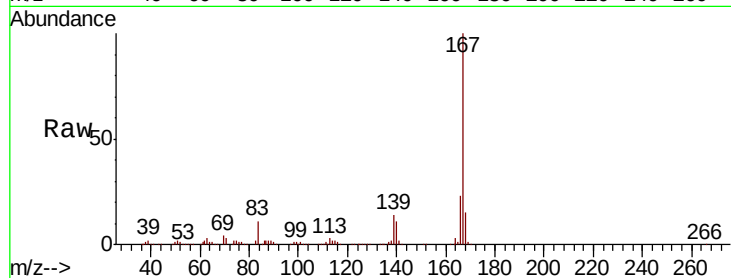


#73
 Carbazole
 Concen: 41.607 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1285023

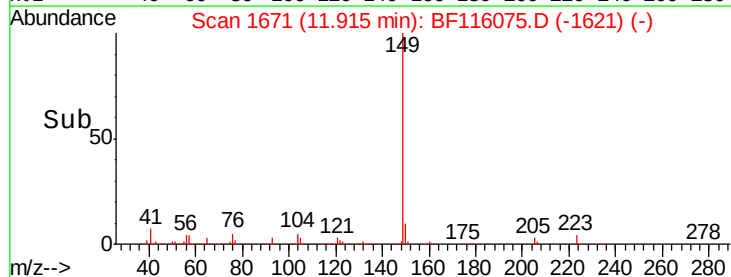
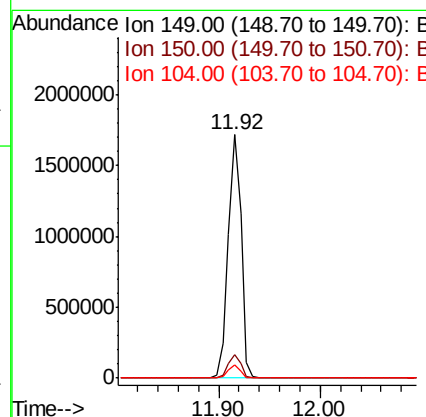
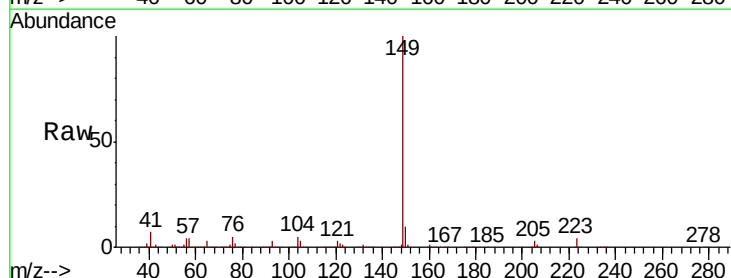
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	14.2	11.4	17.0

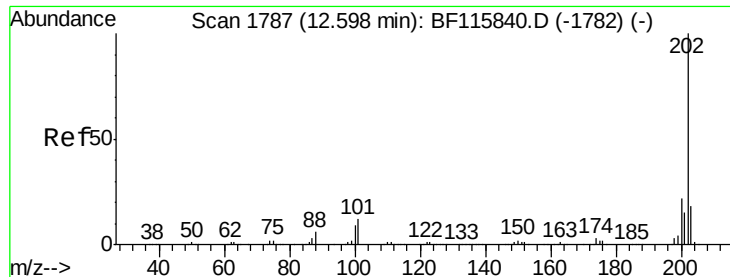


#74
 Di-n-butylphthalate
 Concen: 42.295 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Tgt Ion:149 Resp: 1523799

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.0	12.0
104	5.4	4.5	6.7

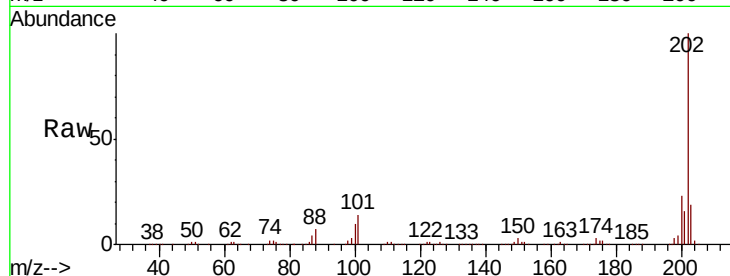




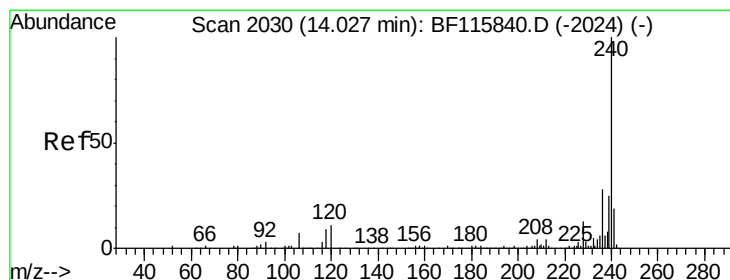
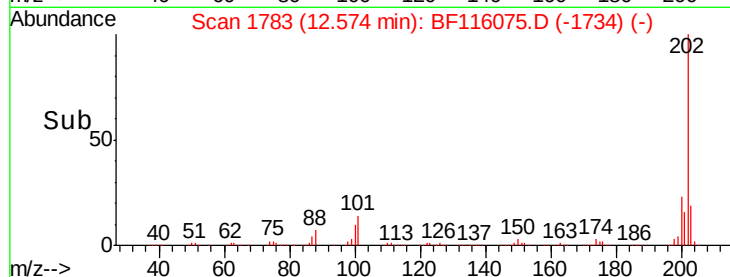
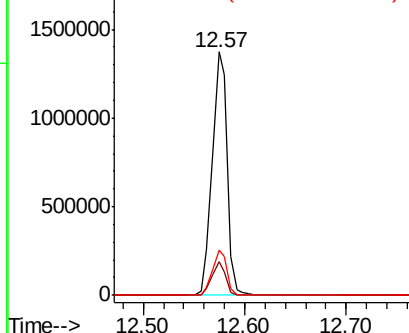
#75
 Fluoranthene
 Concen: 40.113 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1412548
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 31.2
 203 18.6 0.0 37.8

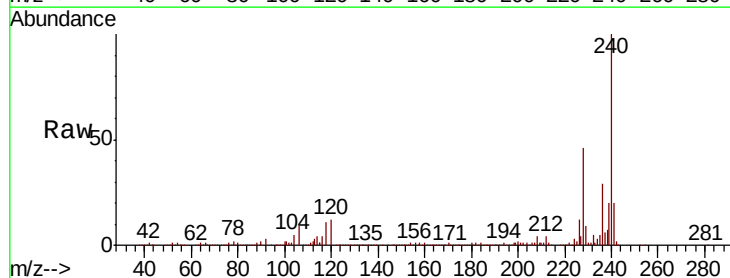


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

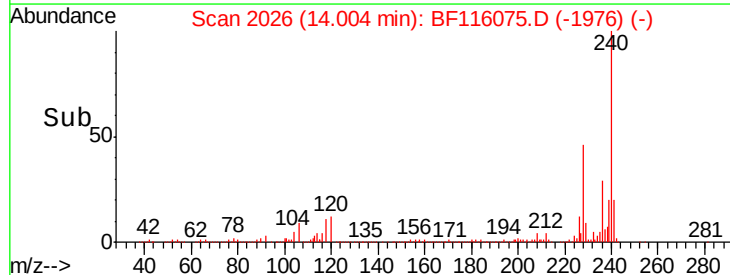
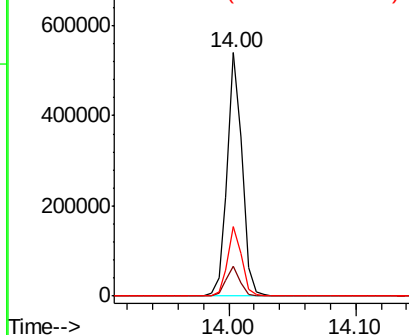


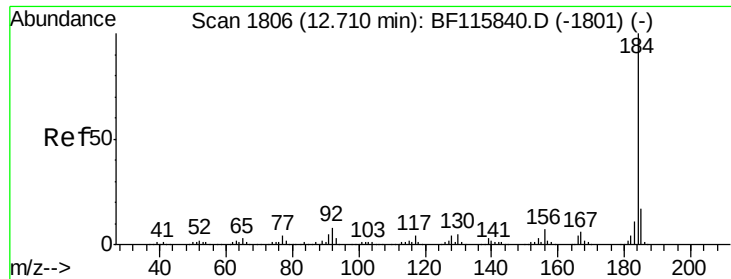
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Tgt Ion:240 Resp: 436985
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.7 16.1
 236 28.6 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.019 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

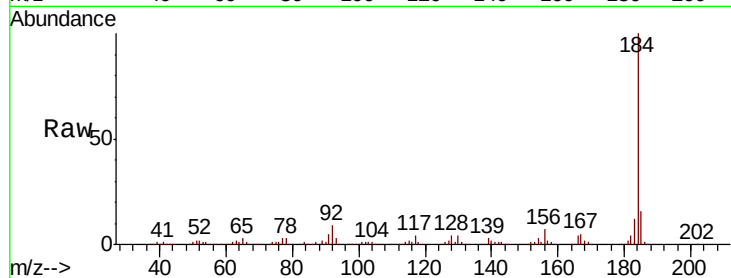
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 649854

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.8	19.2
183	11.6	9.4	14.0

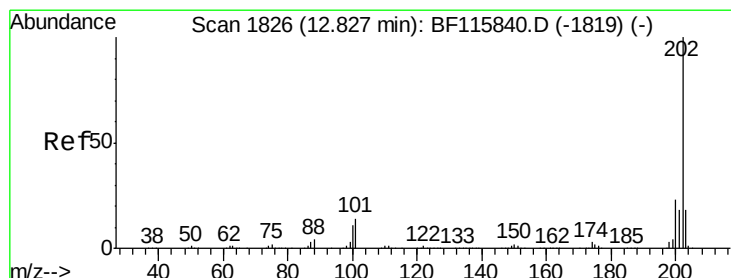
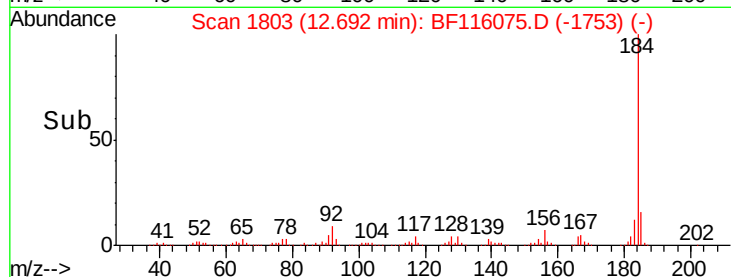
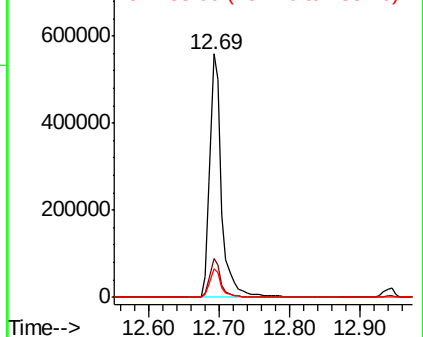


Abundance

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: 43.579 ng

RT: 12.80 min Scan# 1822

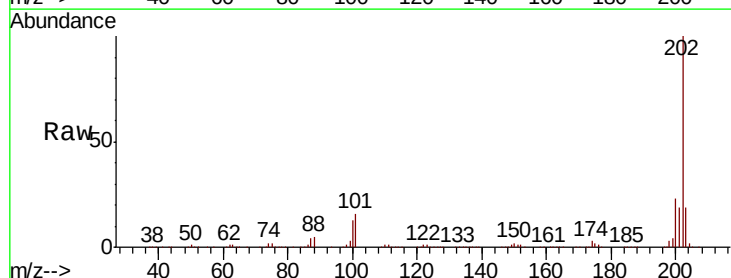
Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Tgt Ion:202 Resp: 1435511

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.0	27.0
203	18.6	14.1	21.1

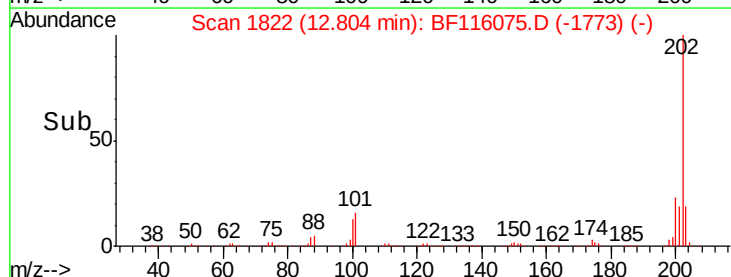
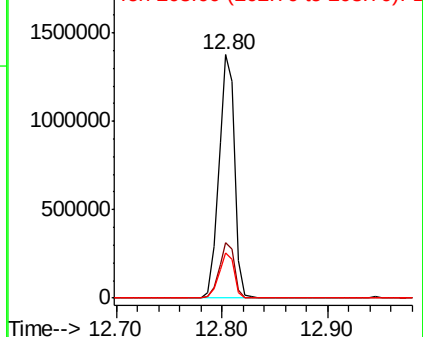


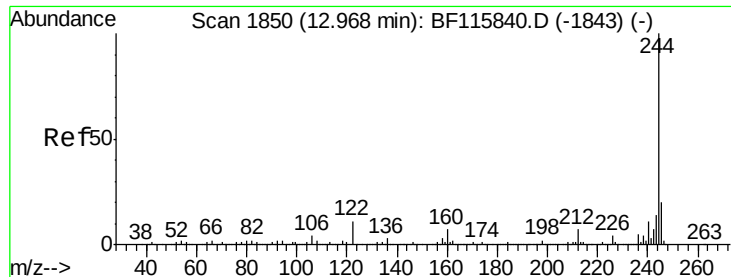
Abundance

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

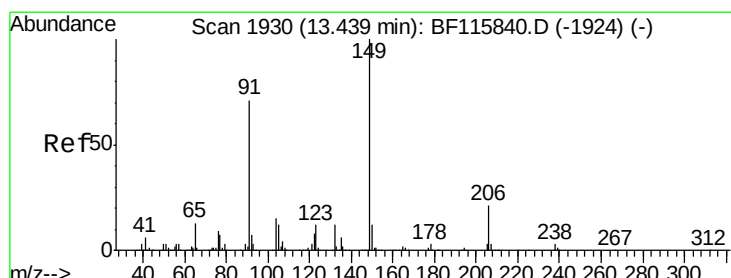
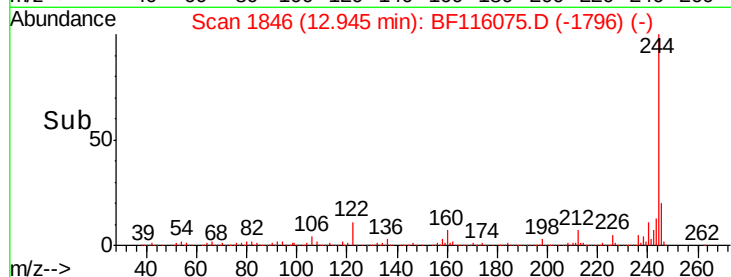
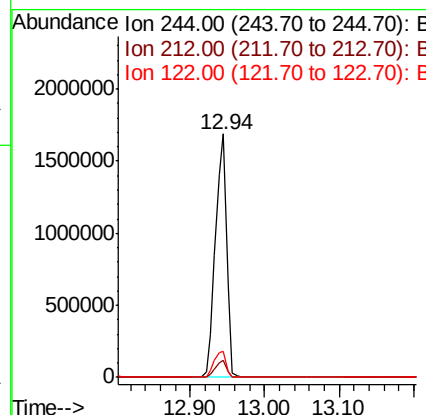
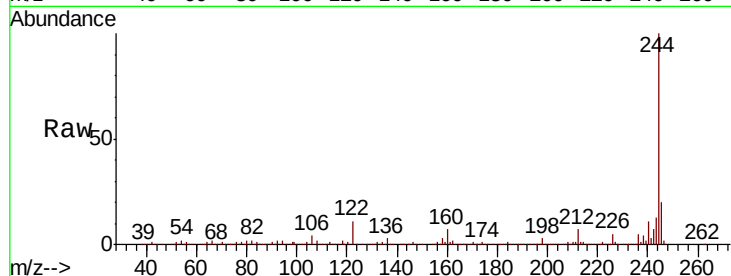




#79
 Terphenyl-d14
 Concen: 84.899 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

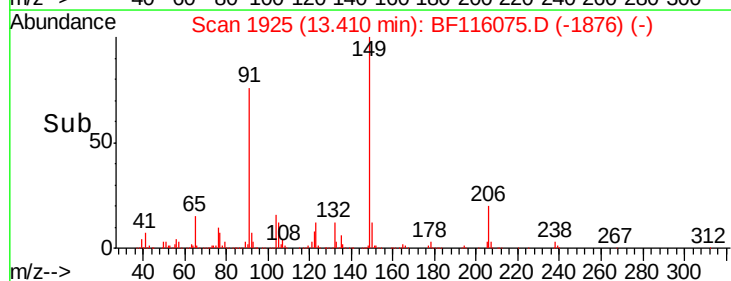
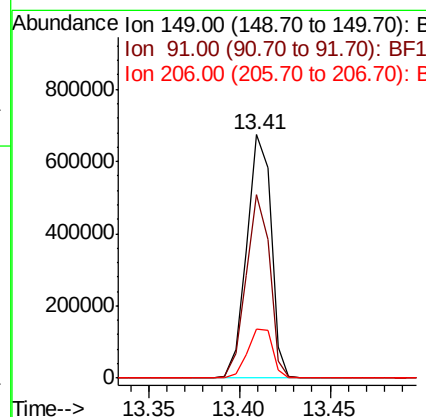
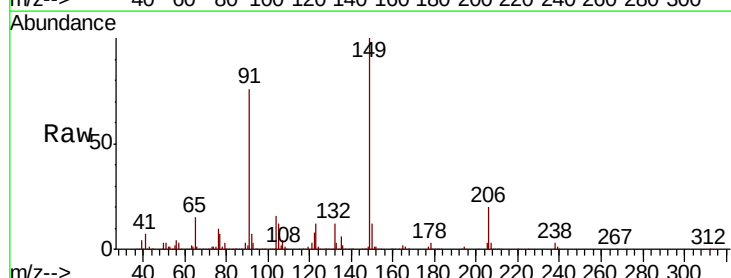
Instrument :
 BNA_F
 ClientSampled :

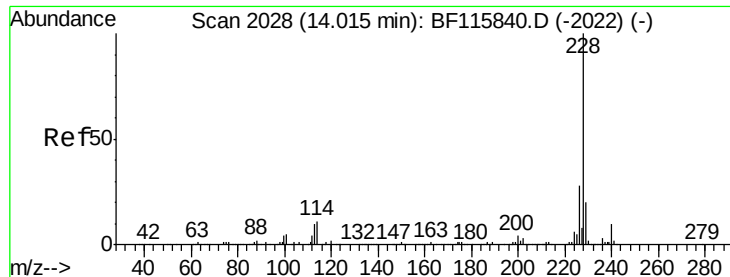
Tot Ion:244 Resp: 1760644
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.7 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 45.366 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116075.D
 Acq: 8 Aug 2019 18:56

Tgt Ion:149 Resp: 632130
 Ion Ratio Lower Upper
 149 100
 91 75.6 56.3 84.5
 206 20.1 18.0 27.0

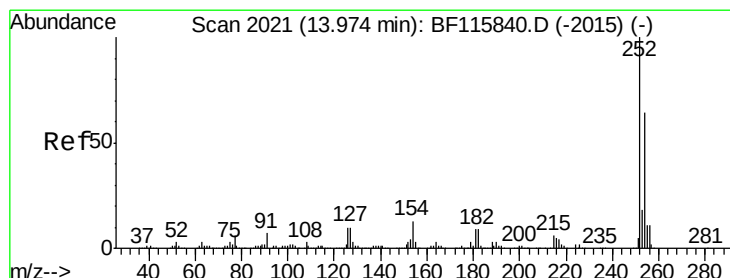
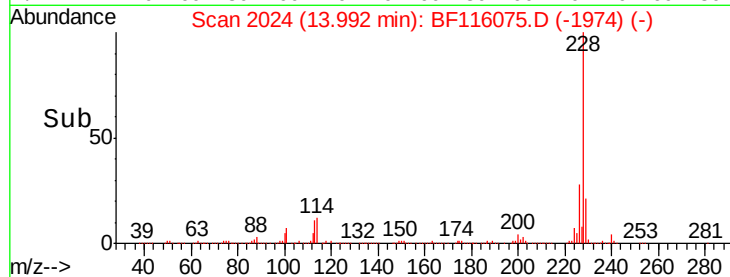
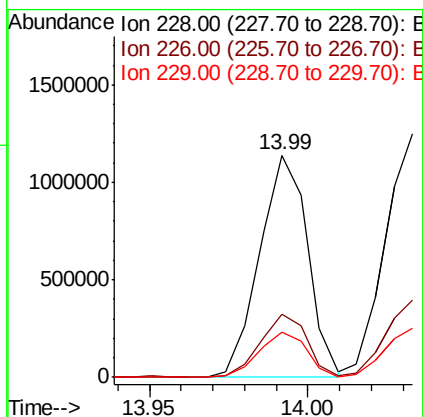
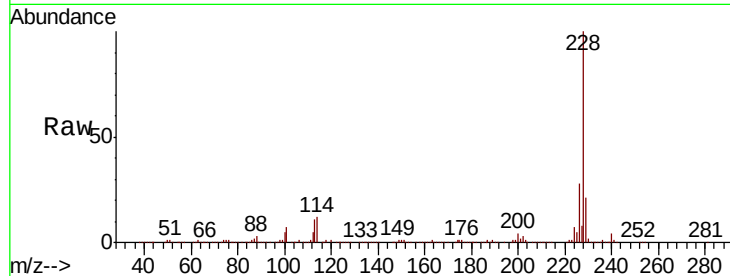




#81
Benzo(a)anthracene
Concen: 42.836 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

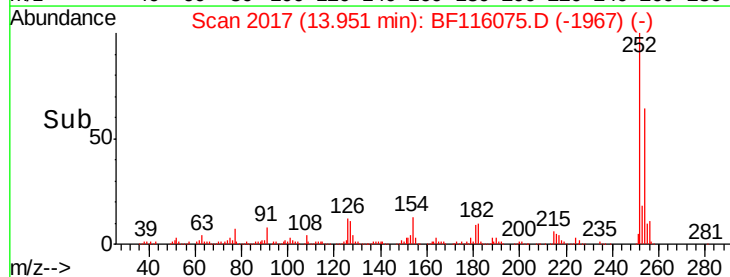
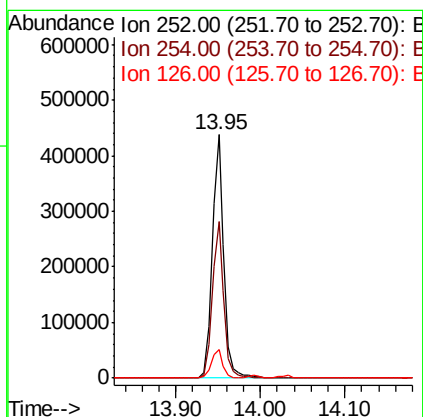
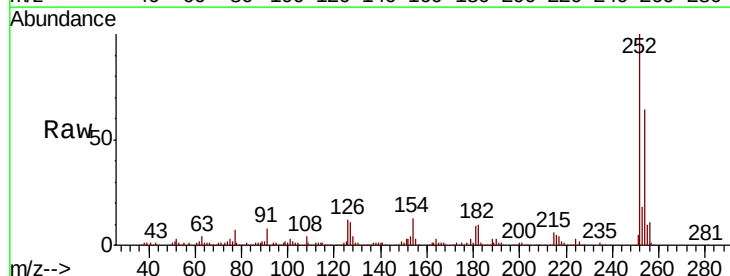
Instrument :
BNA_F
ClientSampleId :

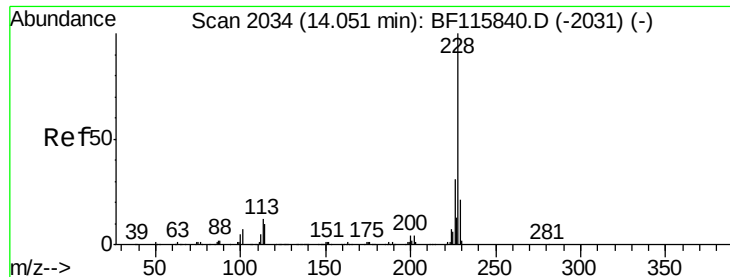
Tot Ion:228 Resp: 1196424
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.6 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 43.880 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion:252 Resp: 425795
Ion Ratio Lower Upper
252 100
254 64.5 50.9 76.3
126 11.5 9.8 14.8

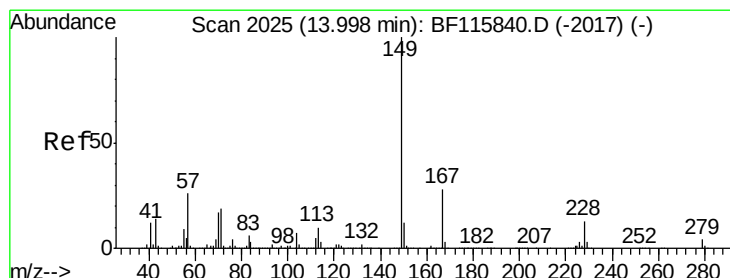
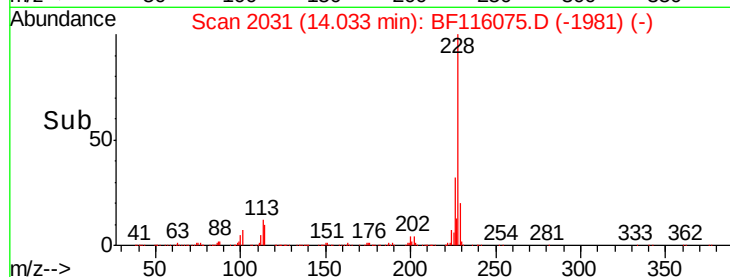
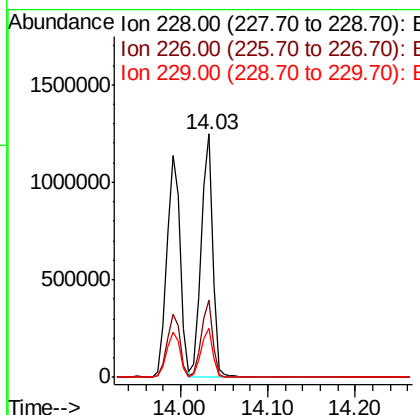
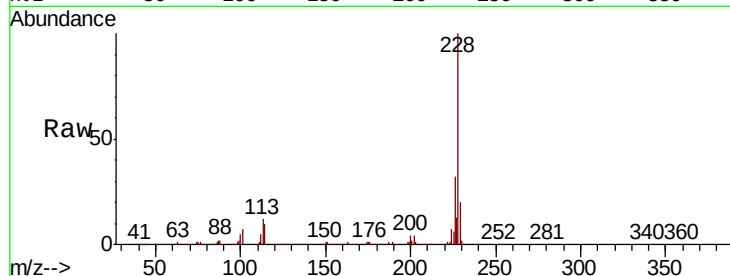




#83
Chrysene
Concen: 42.537 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

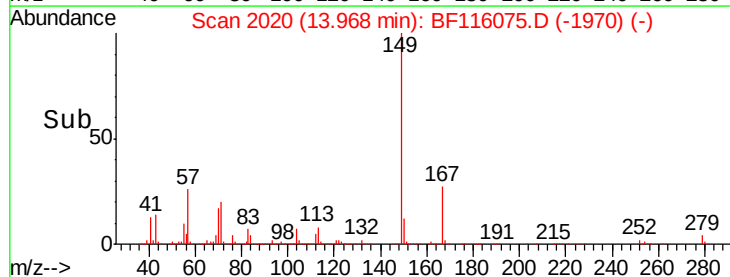
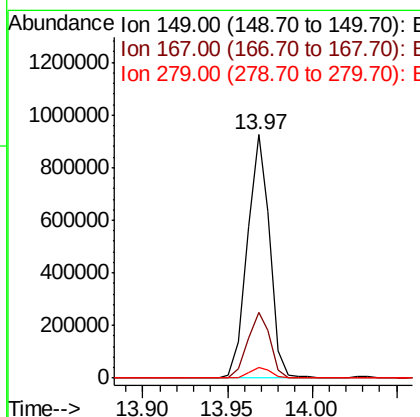
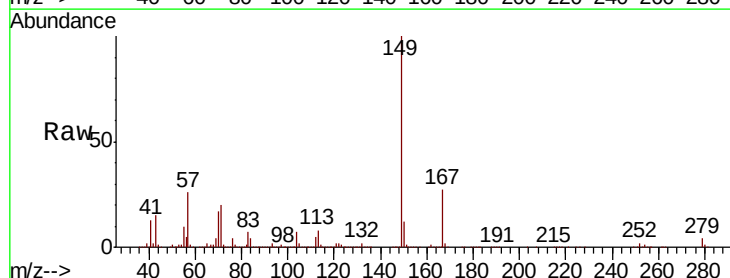
Instrument :
BNA_F
ClientSampleId :

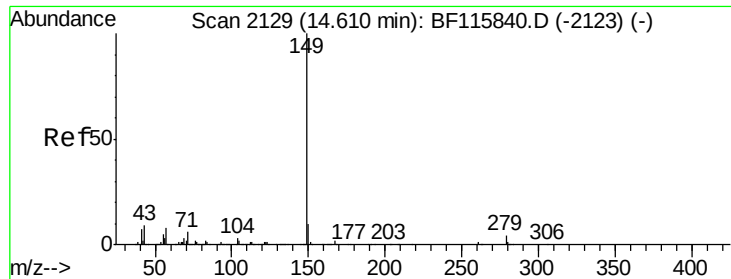
Tot Ion:228 Resp: 1153443
Ion Ratio Lower Upper
228 100
226 31.7 25.5 38.3
229 20.4 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.285 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion:149 Resp: 856195
Ion Ratio Lower Upper
149 100
167 27.2 21.6 32.4
279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 44.725 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

Instrument :

BNA_F

ClientSampleId :

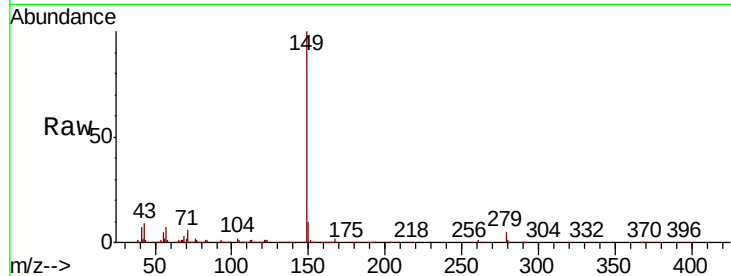
Tot Ion:149 Resp: 1286310

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

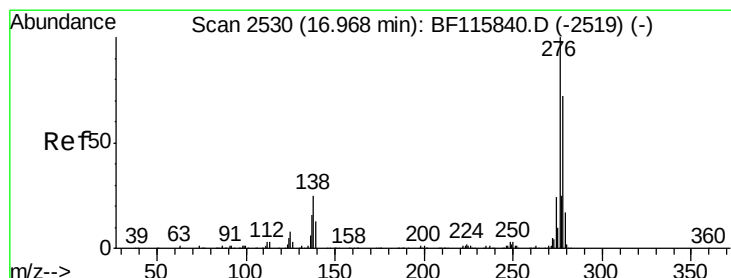
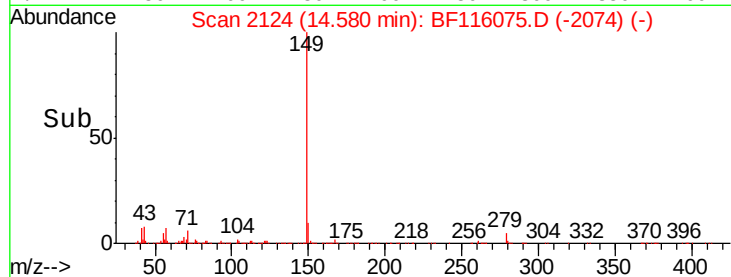
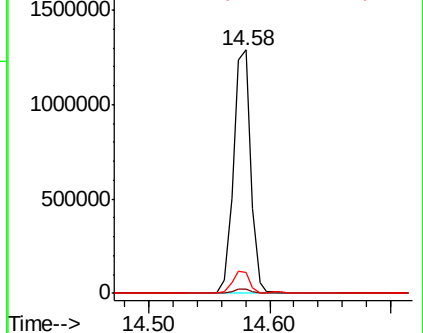
43 9.2 7.5 11.3



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: 44.198 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116075.D

Acq: 8 Aug 2019 18:56

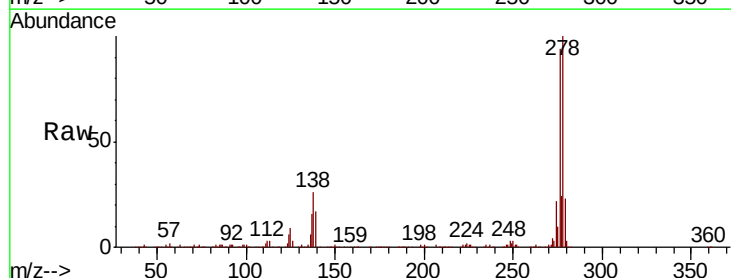
Tgt Ion:276 Resp: 1006604

Ion Ratio Lower Upper

276 100

138 25.4 20.4 30.6

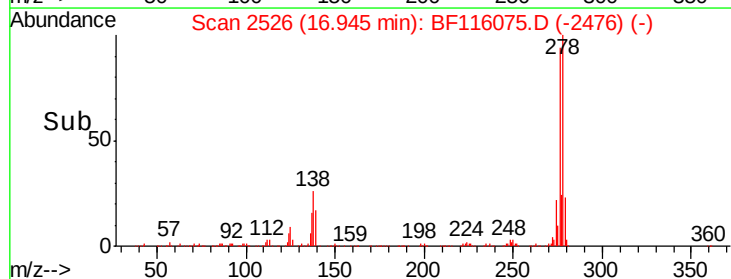
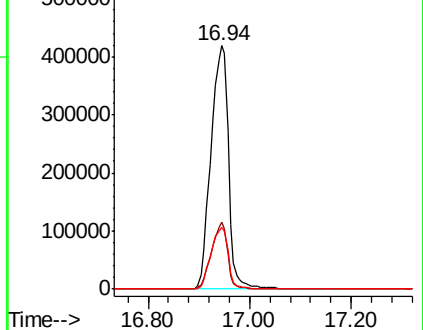
277 25.2 20.0 30.0

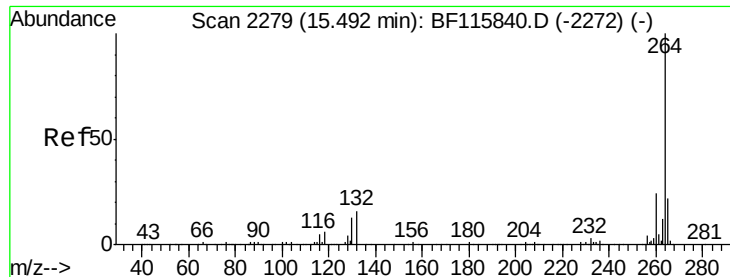


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

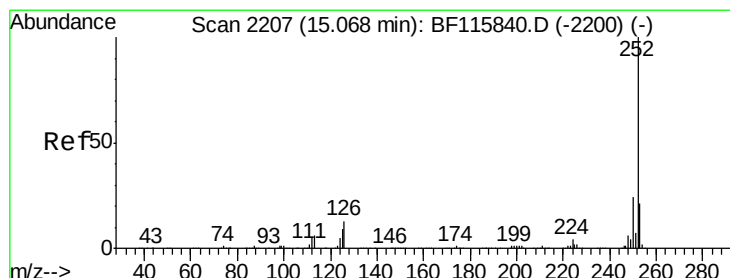
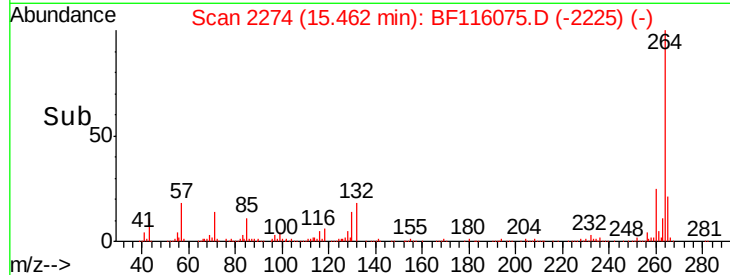
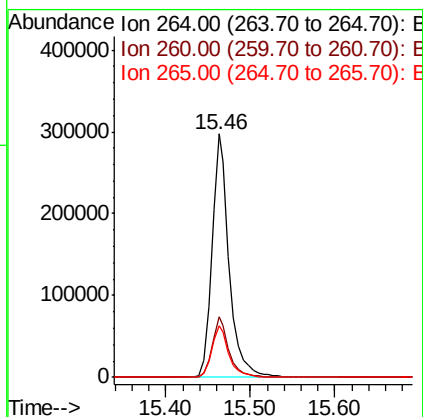
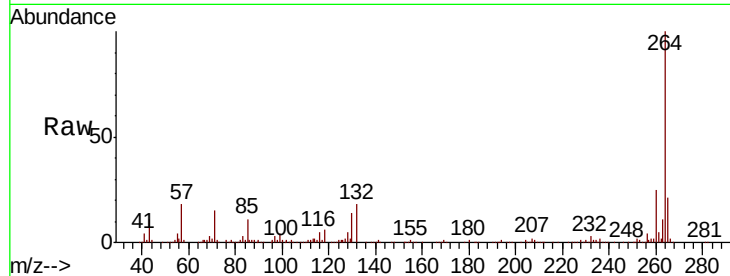




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

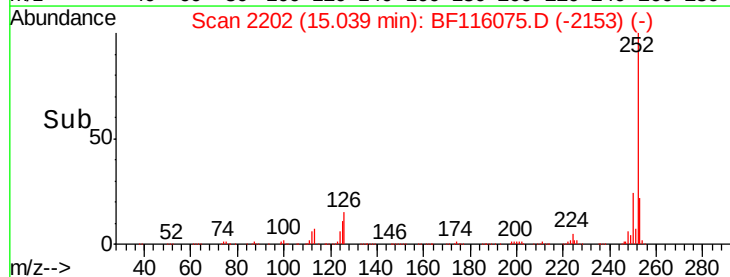
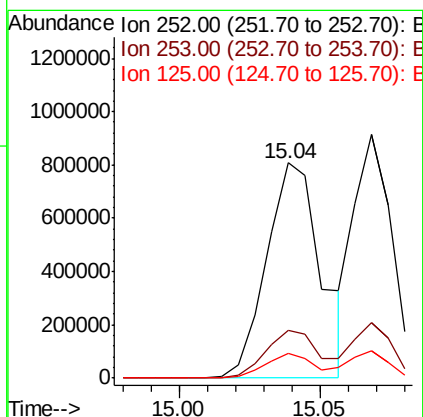
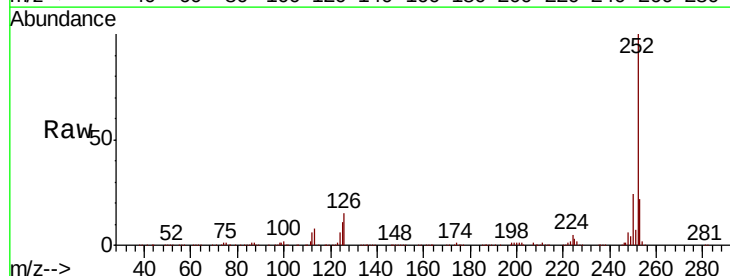
Instrument :
BNA_F
ClientSampleId :

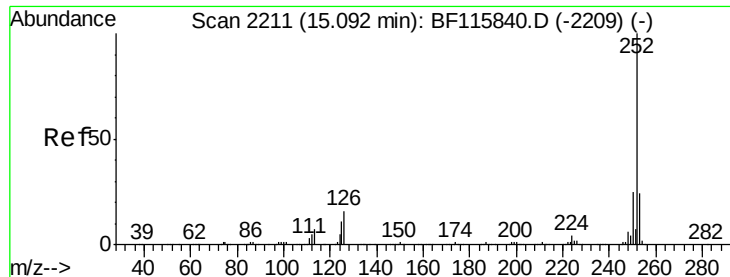
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.2	17.4	26.0



#88
Benzo(b)fluoranthene
Concen: 44.201 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.4	8.4	12.6

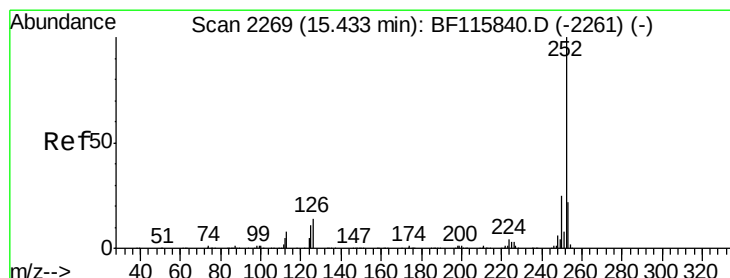
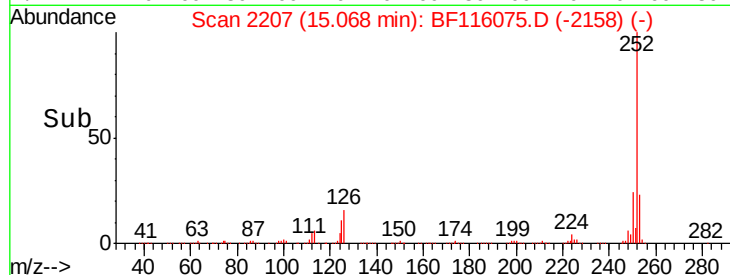
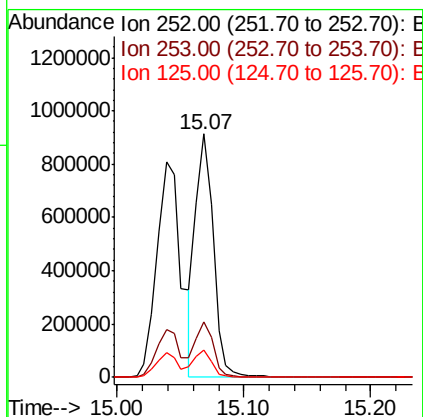
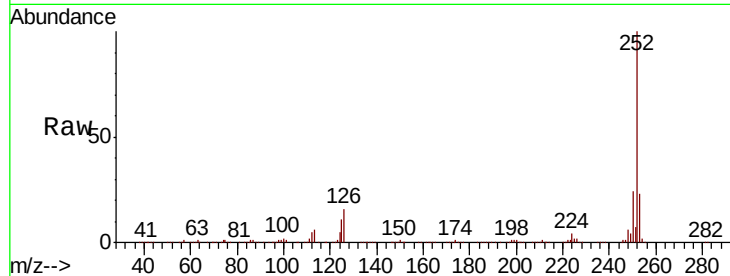




#89
Benzo(k)fluoranthene
Concen: 36.919 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

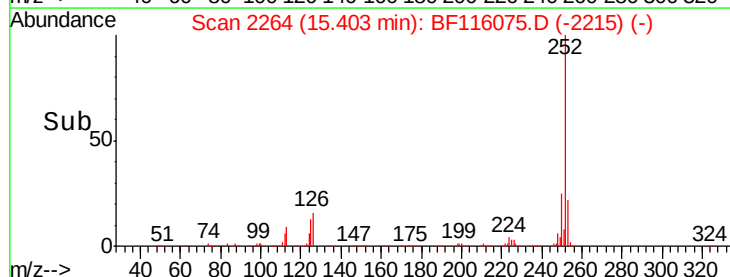
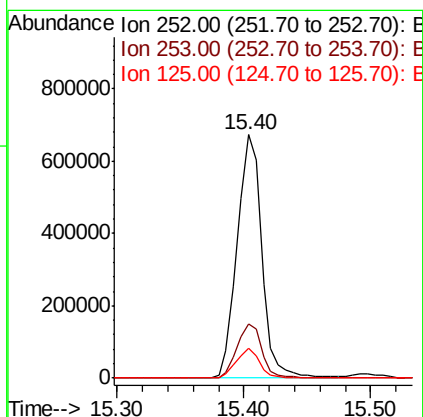
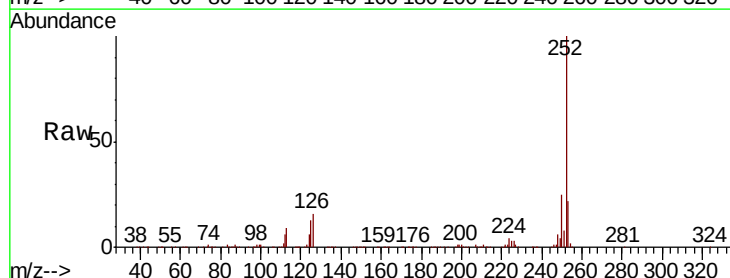
Instrument :
BNA_F
ClientSampleId :

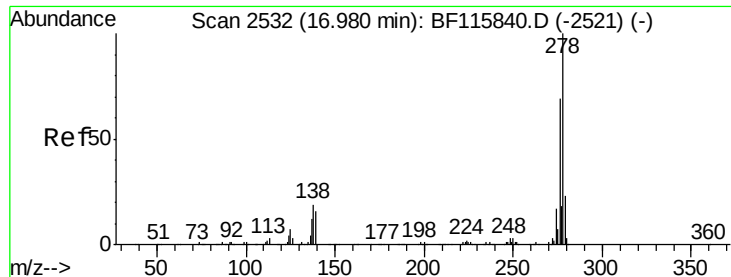
Tot Ion:252 Resp: 880653
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.385 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion:252 Resp: 906013
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 12.5 8.9 13.3



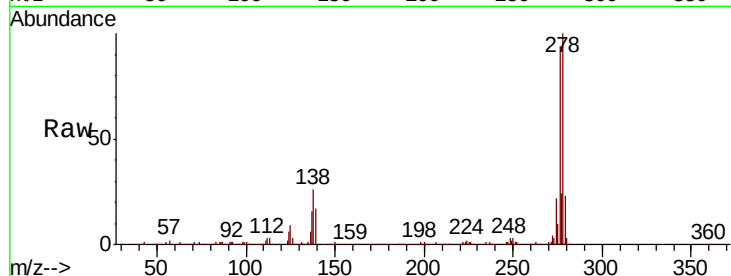


#91
Dibenzo(a,h)anthracene
Concen: 43.728 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

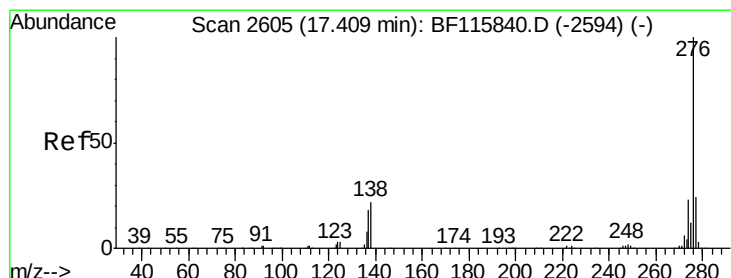
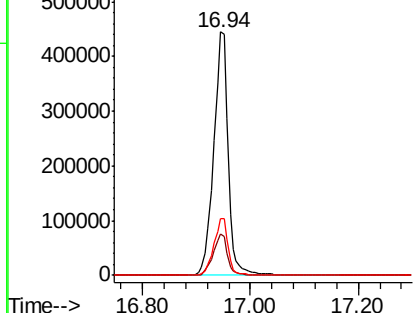
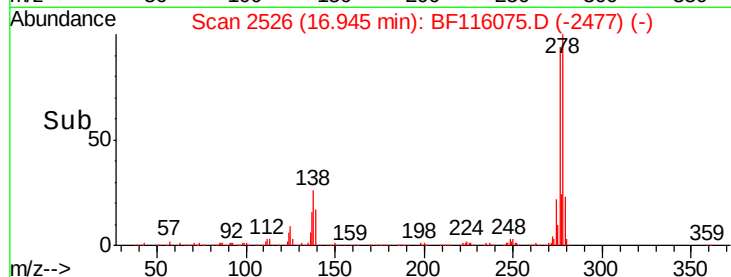
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 828647

Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.8	19.2
279	23.2	18.8	28.2



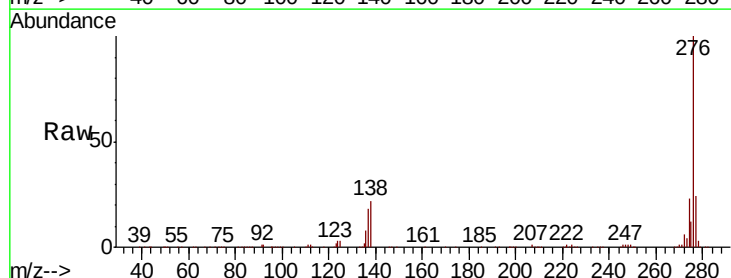
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.950 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BF116075.D
Acq: 8 Aug 2019 18:56

Tgt Ion:276 Resp: 817943

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	22.3	17.0	25.6



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

