

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116172.D
 Acq On : 11 Aug 2019 3:38
 Operator : HP/JU
 Sample : K4293-04MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 01:01:42 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	130721	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	504235	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	256819	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	395275	20.00	ng	0.00
76) Chrysene-d12	14.00	240	260478	20.00	ng	0.00
87) Perylene-d12	15.47	264	278224	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1016539	130.18	ng	0.00
7) Phenol-d6	6.49	99	1317595	133.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	852967	97.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	315599	126.75	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1372346	100.09	ng	-0.01
79) Terphenyl-d14	12.94	244	1245431	100.75	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.64	88	141102	35.769	ng	98
3) Pyridine	3.40	79	376114	34.131	ng	99
4) n-Nitrosodimethylamine	3.35	42	163995	37.711	ng	99
6) Aniline	6.50	93	294748	20.891	ng	# 66
8) 2-Chlorophenol	6.63	128	384076	44.480	ng	98
9) Benzaldehyde	6.39	77	196784	28.949	ng	98
10) Phenol	6.50	94	505022	43.530	ng	86
11) bis(2-Chloroethyl)ether	6.57	93	374449	43.900	ng	97
12) 1,3-Dichlorobenzene	6.78	146	416107	41.698	ng	99
13) 1,4-Dichlorobenzene	6.86	146	423233	42.358	ng	99
14) 1,2-Dichlorobenzene	7.01	146	388819	42.261	ng	98
15) Benzyl Alcohol	6.99	79	316601	42.346	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	490360	42.147	ng	96
17) 2-Methylphenol	7.10	107	322095	44.053	ng	99
18) Hexachloroethane	7.35	117	145532	39.560	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	268573	43.992	ng	99
20) 3+4-Methylphenols	7.25	107	404189	46.715	ng	# 81
22) Acetophenone	7.25	105	524533	47.432	ng	98
24) Nitrobenzene	7.42	77	428577	45.438	ng	98
25) Isophorone	7.66	82	776581	46.492	ng	100
26) 2-Nitrophenol	7.74	139	206455	46.434	ng	98
27) 2,4-Dimethylphenol	7.77	122	347947	52.016	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	483167	46.669	ng	100
29) 2,4-Dichlorophenol	7.99	162	337592	47.798	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	359957	44.709	ng	99
31) Naphthalene	8.14	128	1096599	46.215	ng	99
32) Benzoic acid	7.91	122	88317	18.727	ng	94
33) 4-Chloroaniline	8.19	127	127599	12.035	ng	98
34) Hexachlorobutadiene	8.26	225	204622	44.125	ng	99
35) Caprolactam	8.57	113	59541	26.065	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	347322	47.270	ng	97
37) 2-Methylnaphthalene	8.83	142	731214	46.791	ng	98
38) 1-Methylnaphthalene	8.93	142	677992	45.860	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	335202	48.822	ng	100

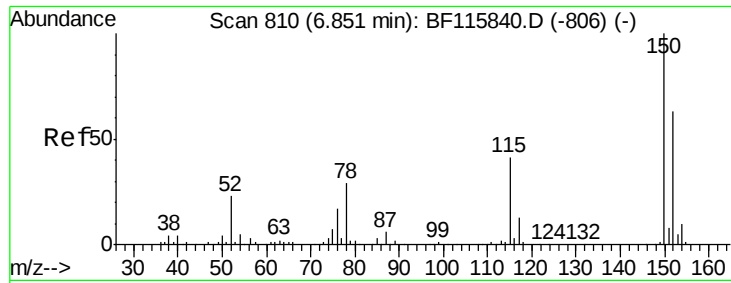
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	78002	29.355	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	212798	45.029	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	226584	46.383	ng	100
46) 1,1'-Biphenyl	9.29	154	881021	48.591	ng	99
47) 2-Chloronaphthalene	9.32	162	687990	45.591	ng	99
48) 2-Nitroaniline	9.42	65	221544	44.415	ng	95
49) Acenaphthylene	9.73	152	1026462	46.624	ng	99
50) Dimethylphthalate	9.59	163	997778	57.060	ng	99
51) 2,6-Dinitrotoluene	9.66	165	178157	46.882	ng	94
52) Acenaphthene	9.91	154	610681	45.214	ng	99
53) 3-Nitroaniline	9.83	138	115601	24.619	ng	98
54) 2,4-Dinitrophenol	9.96	184	43745	28.235	ng	98
55) Dibenzofuran	10.08	168	885600	45.088	ng	100
56) 4-Nitrophenol	10.01	139	232300	77.228	ng	95
57) 2,4-Dinitrotoluene	10.07	165	216668	42.824	ng	97
58) Fluorene	10.42	166	697145	46.132	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	180455	43.907	ng	99
60) Diethylphthalate	10.29	149	801238	49.078	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	361164	47.190	ng	98
62) 4-Nitroaniline	10.45	138	177441	36.567	ng	99
63) Azobenzene	10.57	77	780245	46.465	ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	49814	23.781	ng	85
66) n-Nitrosodiphenylamine	10.53	169	639669	53.766	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	217148	51.318	ng	97
68) Hexachlorobenzene	10.98	284	227633	46.523	ng	93
69) Atrazine	11.06	200	202723	51.794	ng	99
70) Pentachlorophenol	11.17	266	171294	72.108	ng	97
71) Phenanthrene	11.39	178	949437	46.985	ng	100
72) Anthracene	11.44	178	1006667	49.224	ng	99
73) Carbazole	11.59	167	887439	47.831	ng	99
74) Di-n-butylphthalate	11.92	149	1180289	54.532	ng	99
75) Fluoranthene	12.57	202	925316	43.740	ng	99
77) Benzidine	12.69	184	461851	52.483	ng	98
78) Pyrene	12.80	202	916746	46.689	ng	100
80) Butylbenzylphthalate	13.41	149	433450	52.187	ng	96
81) Benzo(a)anthracene	13.99	228	779502	46.820	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	226595	39.175	ng	99
83) Chrysene	14.03	228	768875	47.569	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	622776	57.700	ng	99
85) Di-n-octyl phthalate	14.57	149	1007305	58.757	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	721822	53.171	ng	99
88) Benzo(b)fluoranthene	15.04	252	742693	46.167	ng	100
89) Benzo(k)fluoranthene	15.07	252	742554	47.390	ng	99
90) Benzo(a)pyrene	15.41	252	718362	49.953	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	619710	49.784	ng	99
92) Benzo(g,h,i)perylene	17.39	276	586016	47.935	ng	100

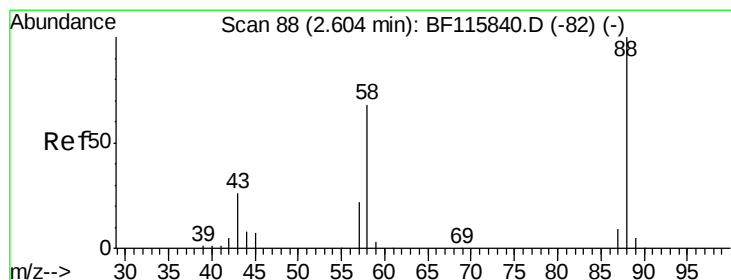
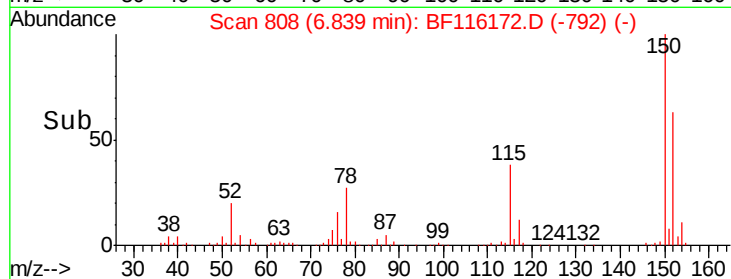
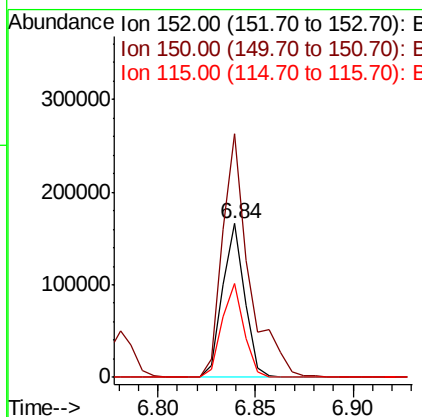
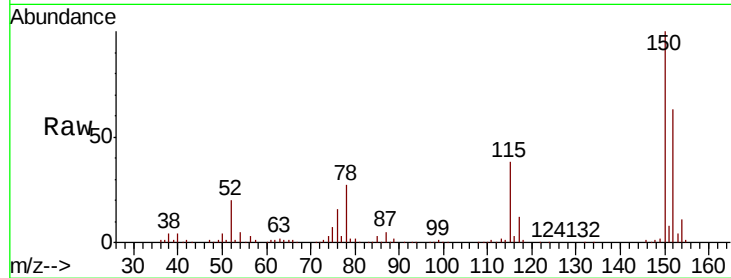
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

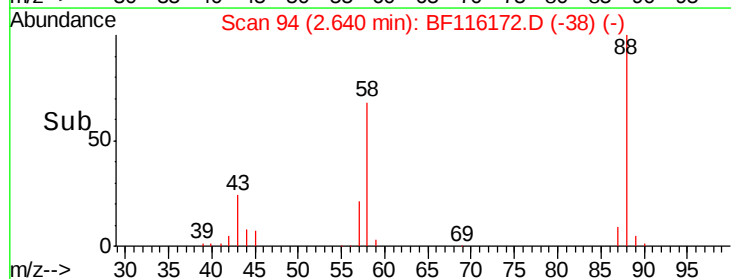
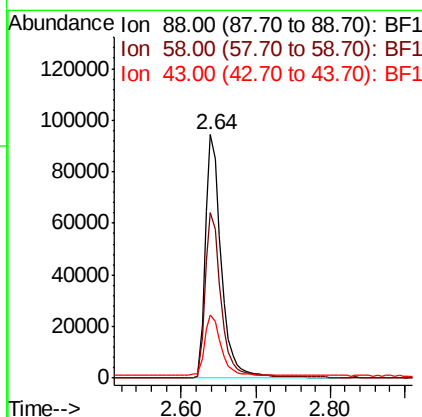
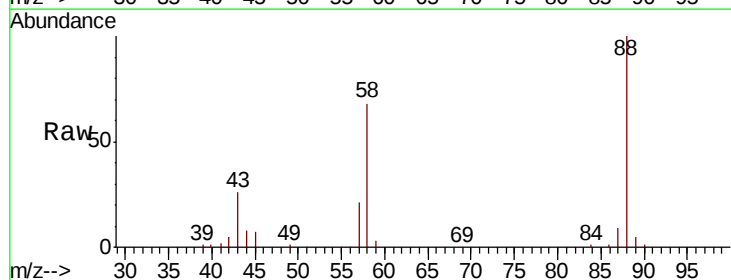
Instrument :
 BNA_F
 ClientSampleId :

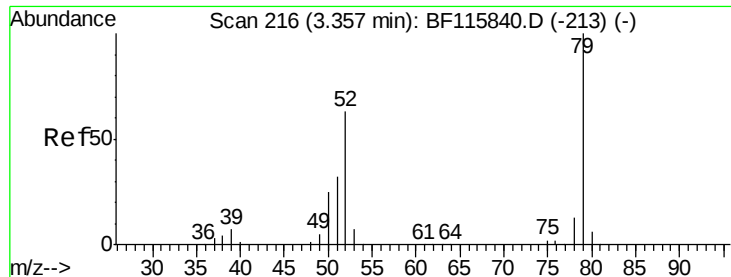
Tot Ion:152 Resp: 130721
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.2
 115 60.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 35.769 ng
 RT: 2.64 min Scan# 94
 Delta R.T. 0.03 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Tgt Ion: 88 Resp: 141102
 Ion Ratio Lower Upper
 88 100
 58 68.9 53.7 80.5
 43 25.0 21.0 31.4





#3

Pvridine

Concen: 34.131 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.04 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampled :

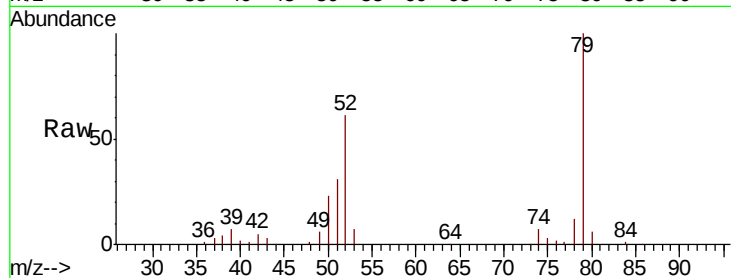
Tot Ion: 79 Resp: 376114

Ion Ratio Lower Upper

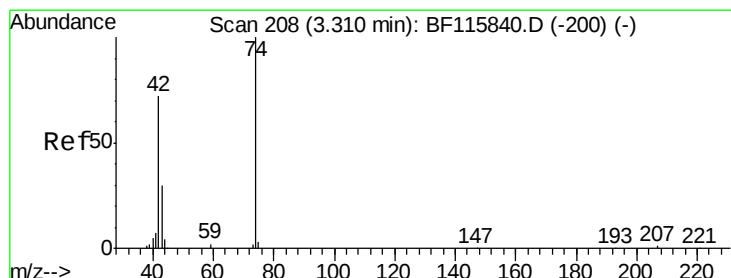
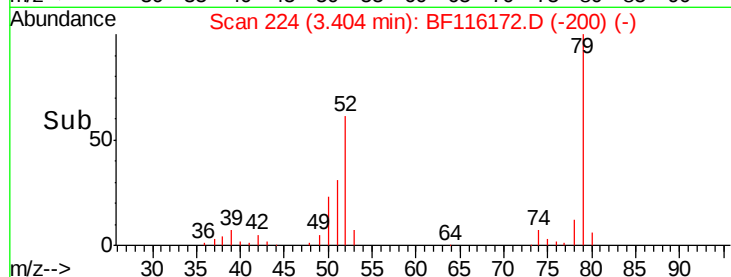
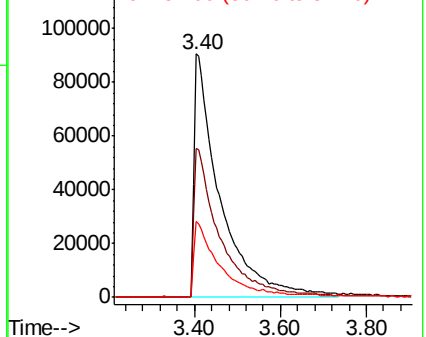
79 100

52 61.3 49.8 74.8

51 31.3 25.2 37.8



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



#4

n-Nitrosodimethylamine

Concen: 37.711 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

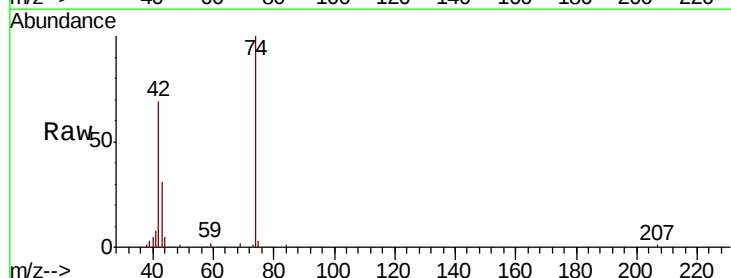
Tgt Ion: 42 Resp: 163995

Ion Ratio Lower Upper

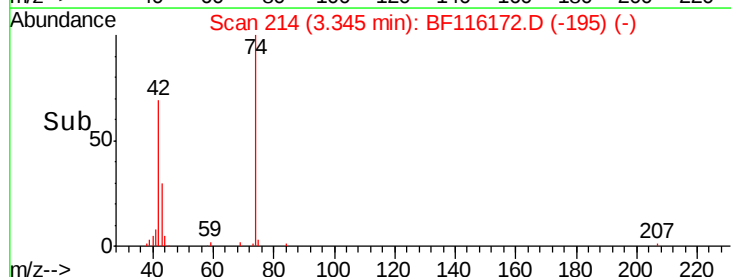
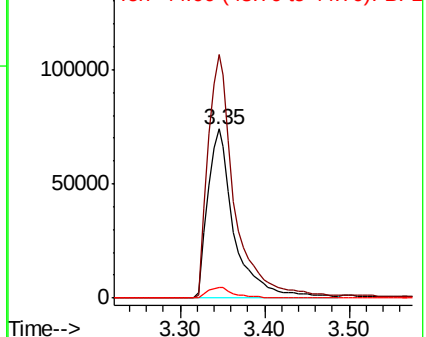
42 100

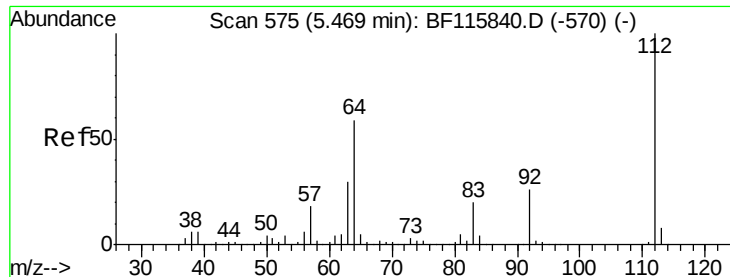
74 144.3 116.0 174.0

44 6.5 4.6 7.0



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





#5

2-Fluorophenol

Concen: 130.182 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampled :

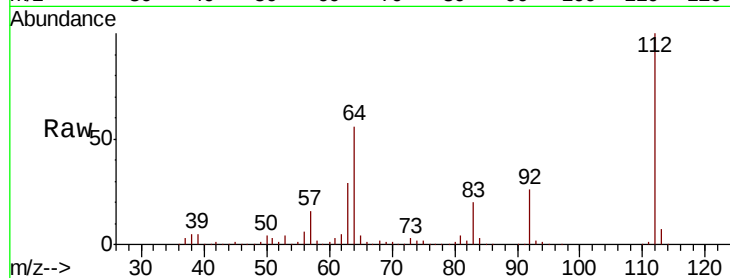
Tot Ion:112 Resp: 1016539

Ion Ratio Lower Upper

112 100

64 55.9 45.4 68.2

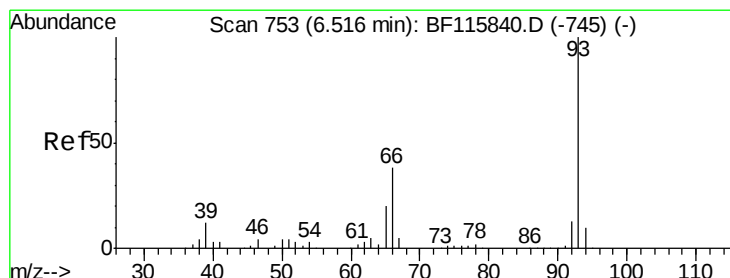
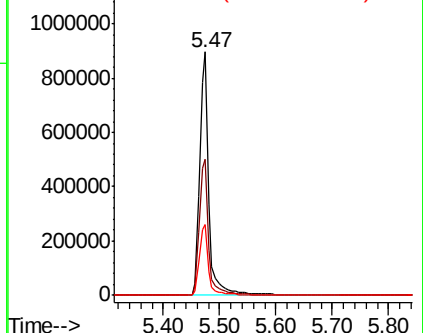
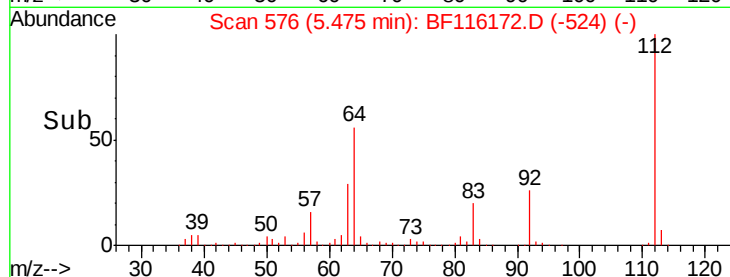
63 29.0 23.7 35.5



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: 20.891 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

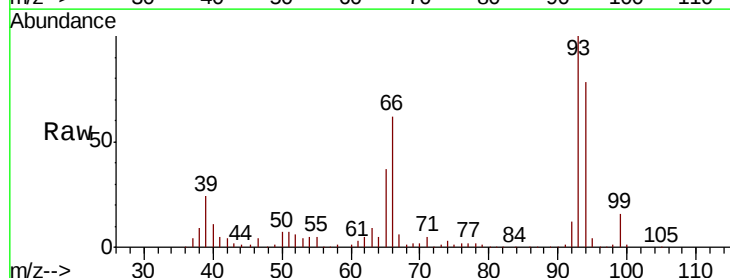
Tgt Ion: 93 Resp: 294748

Ion Ratio Lower Upper

93 100

66 61.7 32.2 48.4#

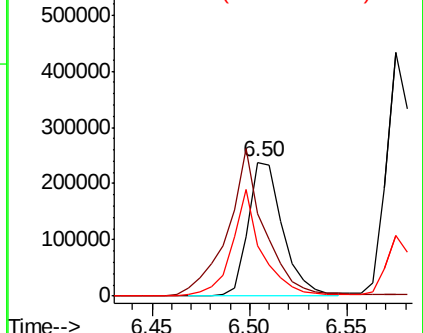
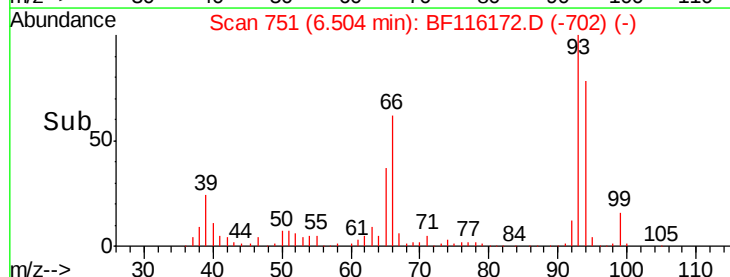
65 37.2 17.0 25.6#

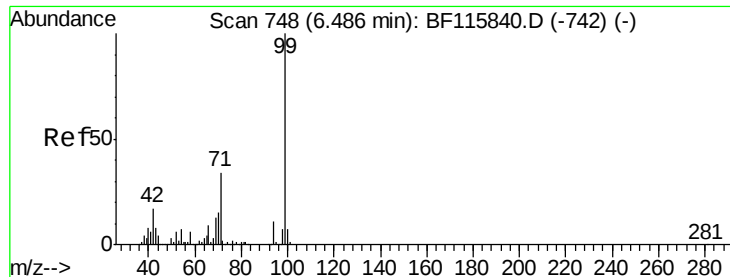


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.740 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

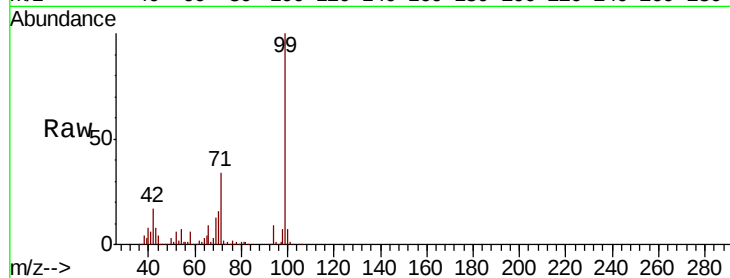
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1317595

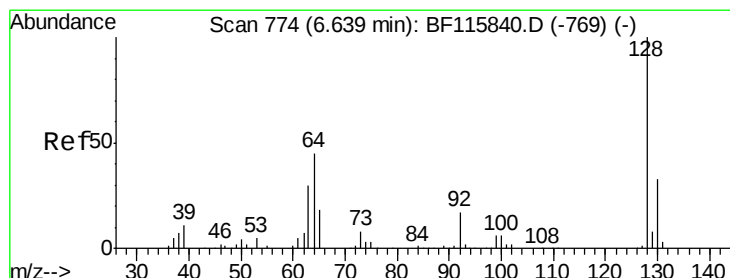
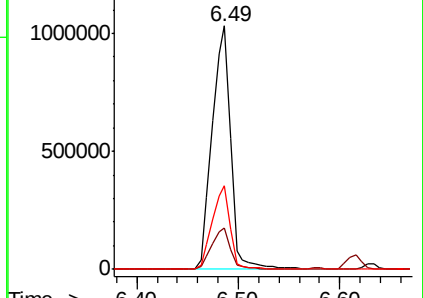
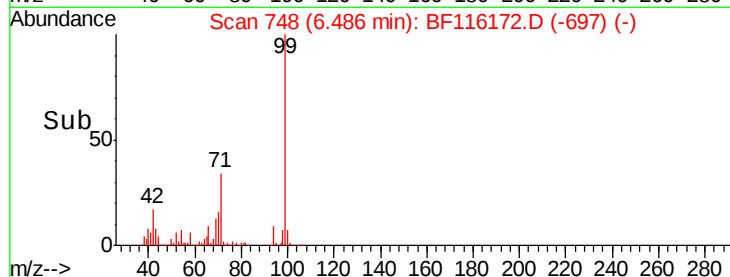
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.8
71	34.3	27.3	40.9



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: 44.480 ng

RT: 6.63 min Scan# 773

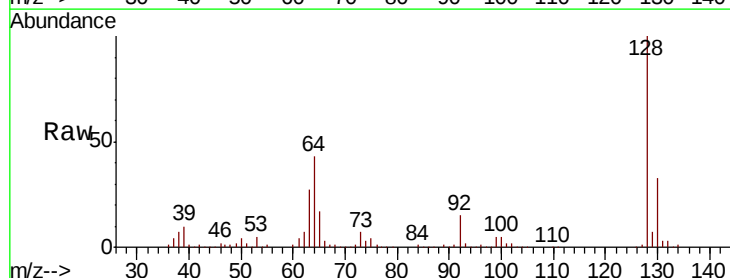
Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Tgt Ion: 128 Resp: 384076

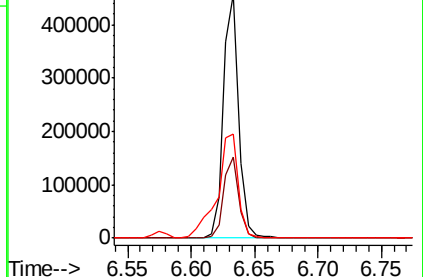
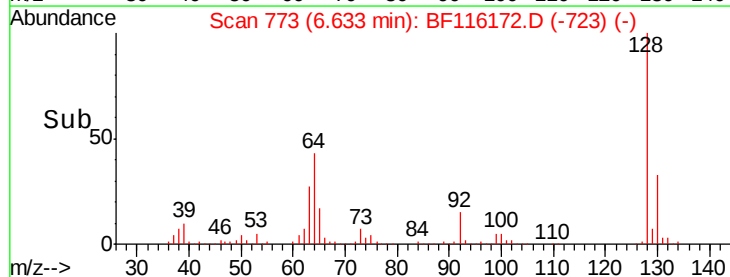
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	42.5	24.3	64.3

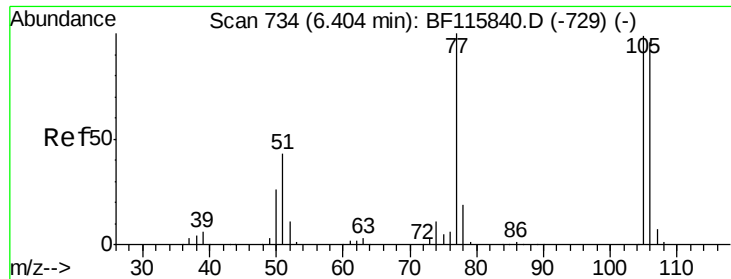


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

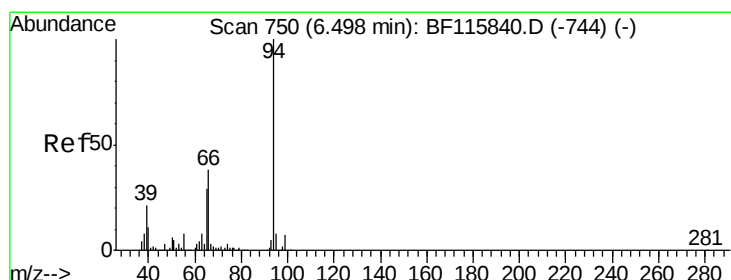
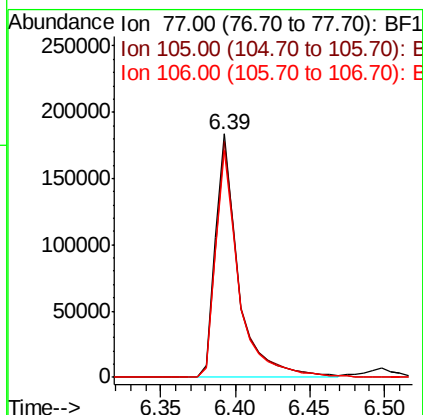
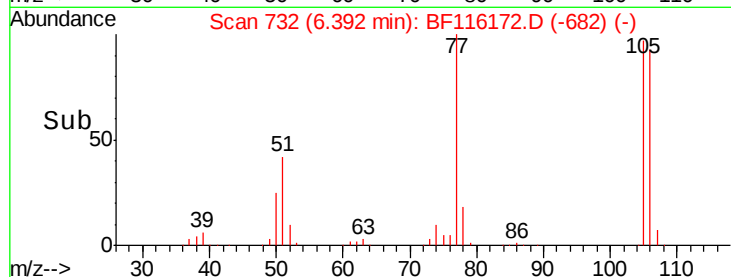
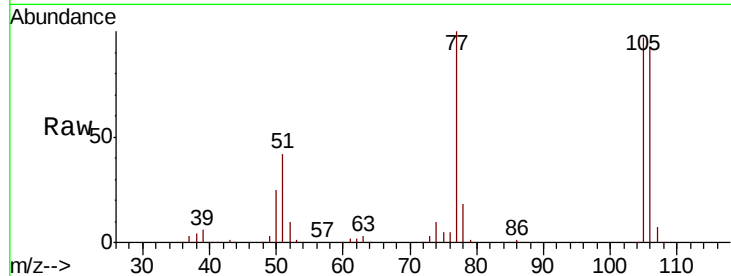




#9
Benzaldehyde
Concen: 28.949 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

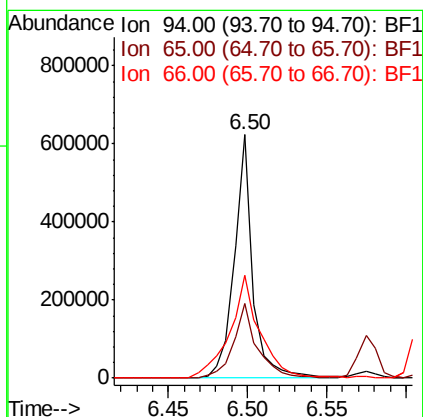
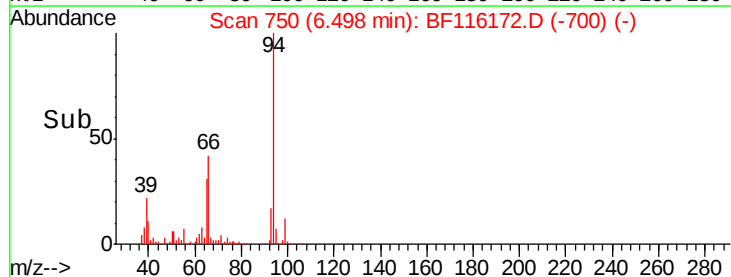
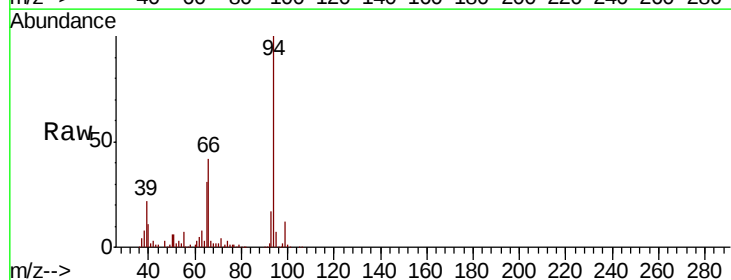
Instrument :
BNA_F
ClientSampleID :

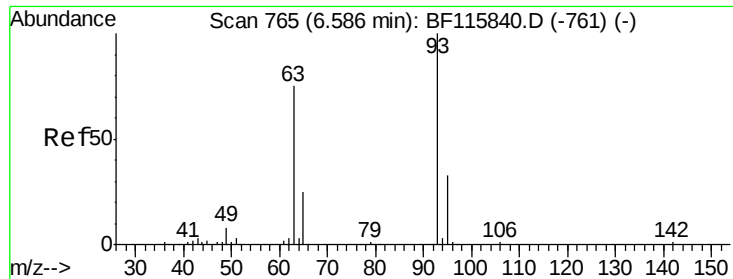
Tot Ion: 77 Resp: 196784
Ion Ratio Lower Upper
77 100
105 96.9 79.2 119.2
106 93.3 74.3 114.3



#10
Phenol
Concen: 43.530 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion: 94 Resp: 505022
Ion Ratio Lower Upper
94 100
65 30.5 16.8 56.8
66 42.1 34.2 74.2

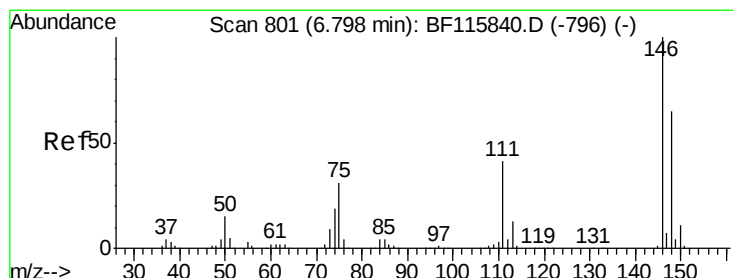
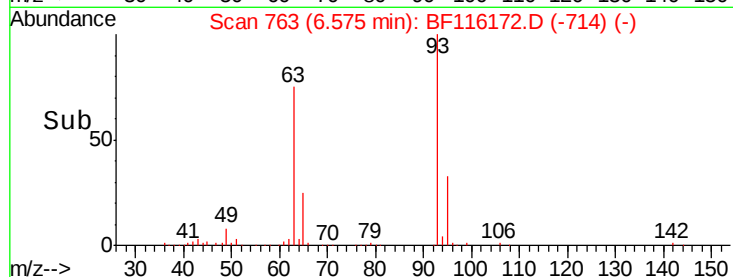
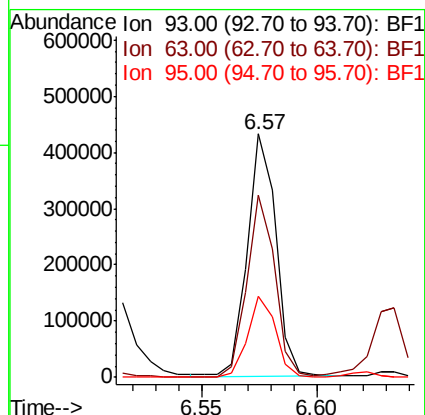
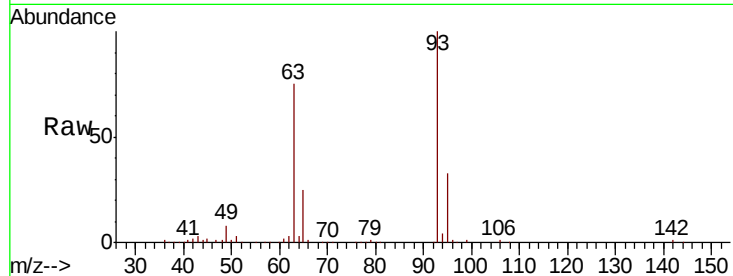




#11
 bis(2-Chloroethyl)ether
 Concen: 43.900 ng
 RT: 6.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

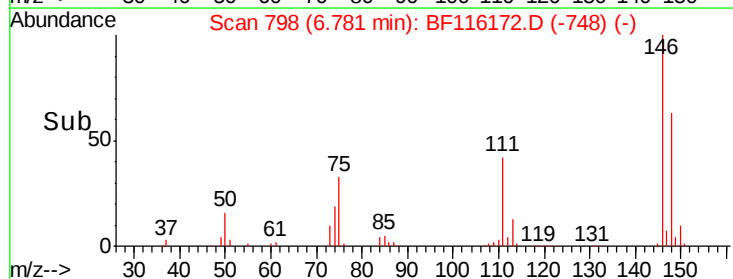
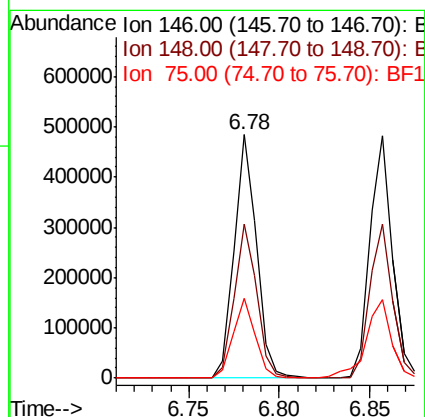
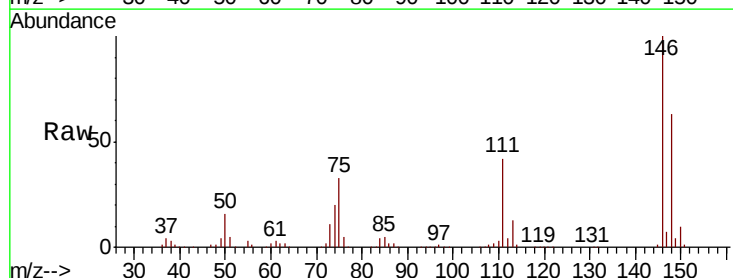
Instrument :
 BNA_F
 ClientSampled :

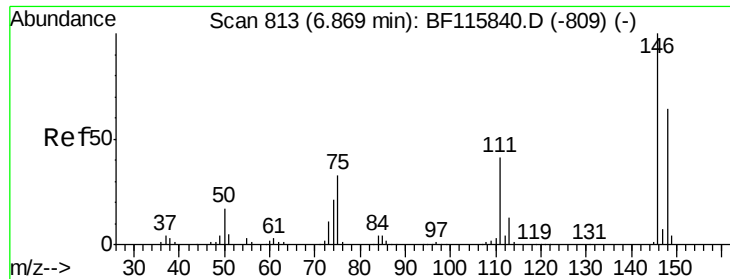
Tot Ion: 93 Resp: 374449
 Ion Ratio Lower Upper
 93 100
 63 75.1 51.9 91.9
 95 33.2 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 41.698 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Tgt Ion: 146 Resp: 416107
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.3 76.9
 75 32.9 27.4 41.2

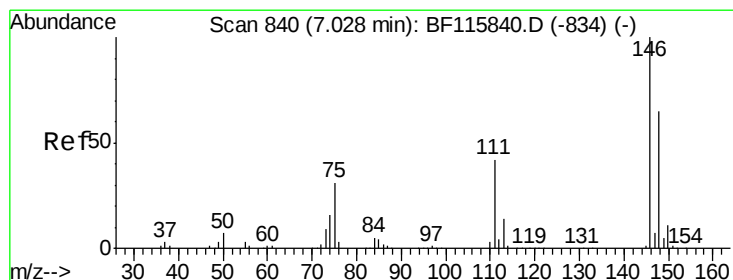
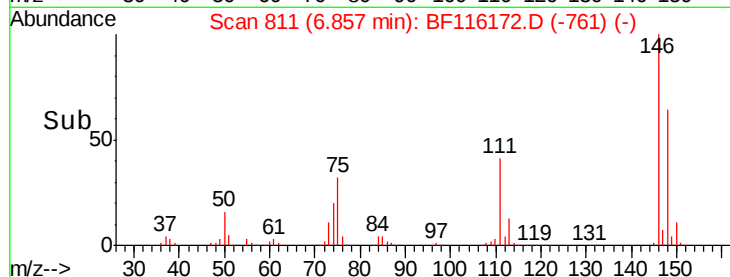
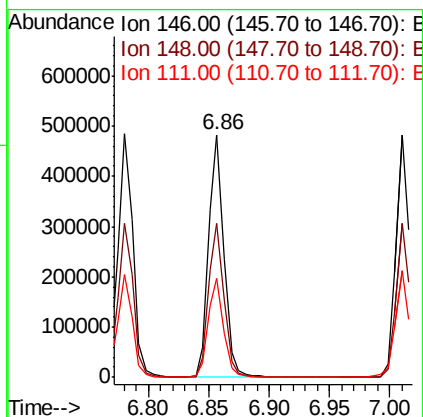
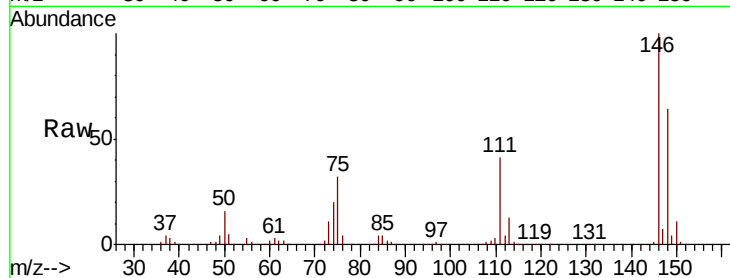




#13
 1,4-Dichlorobenzene
 Concen: 42.358 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

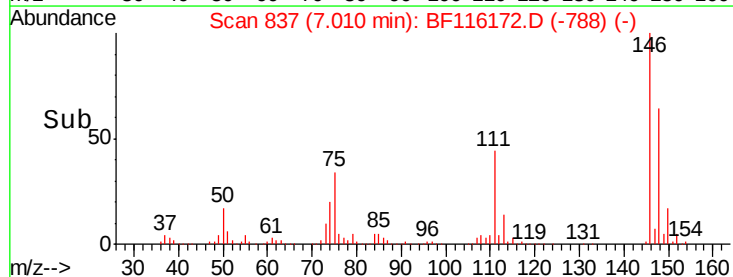
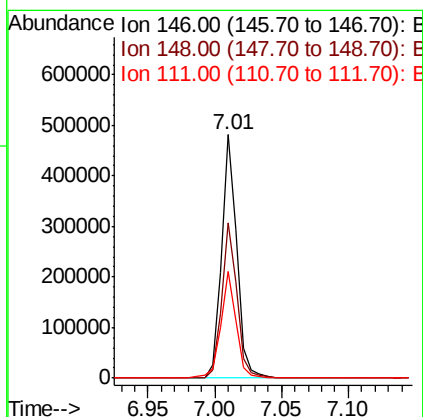
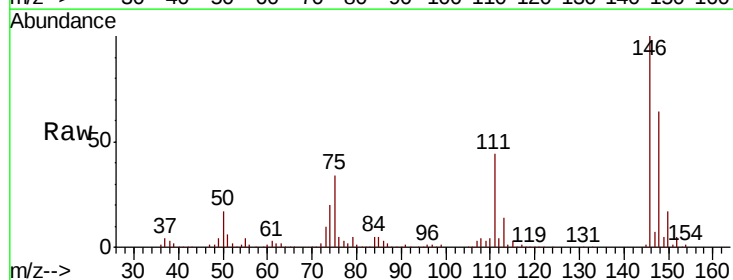
Instrument :
 BNA_F
 ClientSampleId :

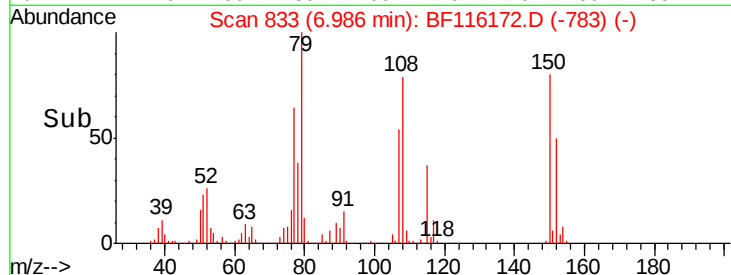
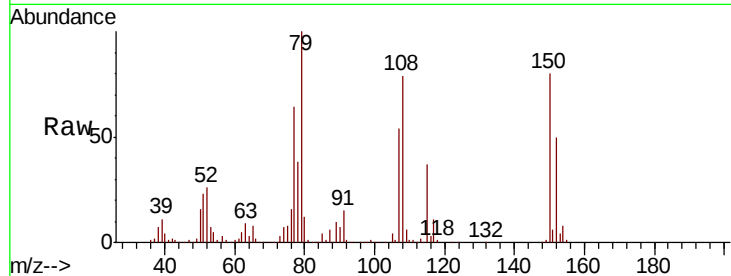
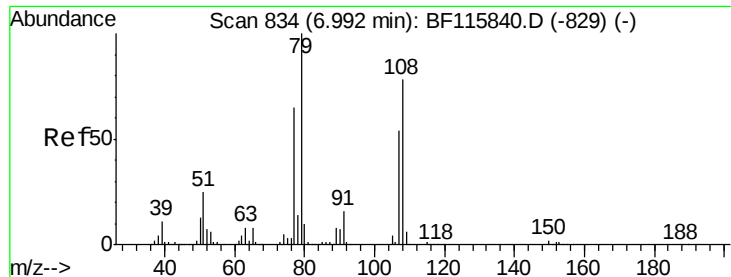
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
111	40.7	34.0	51.0



#14
 1,2-Dichlorobenzene
 Concen: 42.261 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
111	43.9	33.5	50.3

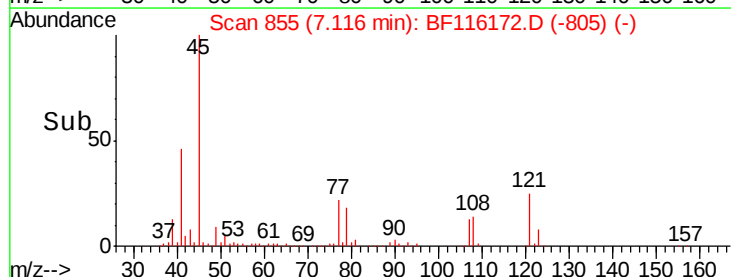
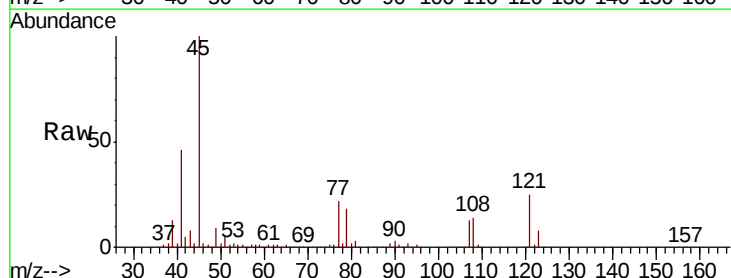
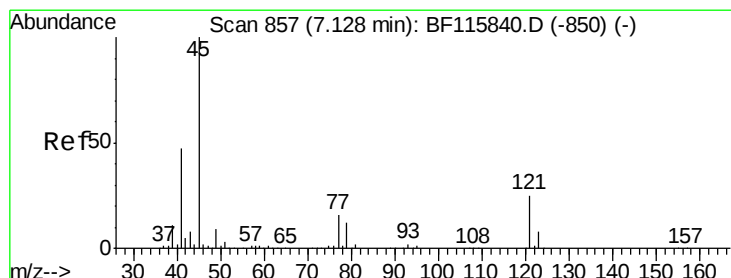
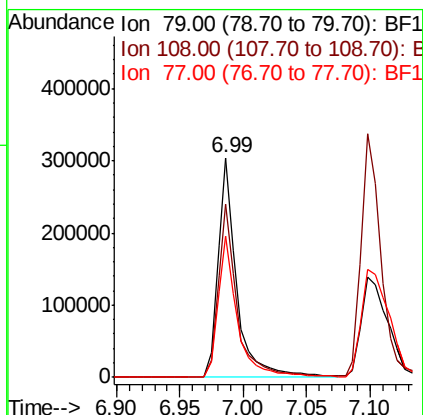




#15
Benzyl Alcohol
Concen: 42.346 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

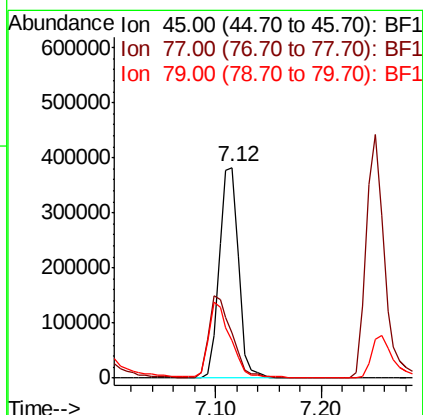
Instrument :
BNA_F
ClientSampled :

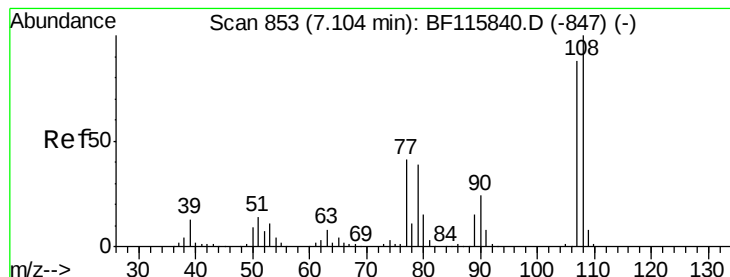
Tot Ion: 79 Resp: 316601
Ion Ratio Lower Upper
79 100
108 78.6 62.7 94.1
77 64.0 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.147 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion: 45 Resp: 490360
Ion Ratio Lower Upper
45 100
77 21.5 0.0 40.0
79 17.7 0.0 35.9





#17

2-Methylphenol

Concen: 44.053 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 322095

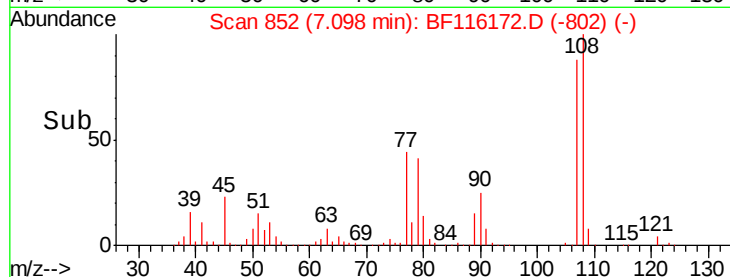
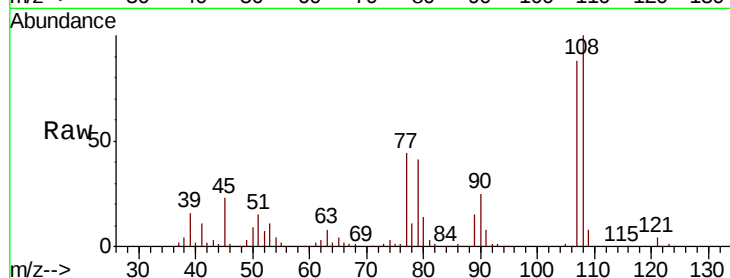
Ion Ratio Lower Upper

107 100

108 113.1 91.2 136.8

77 50.0 40.3 60.5

79 46.3 37.6 56.4

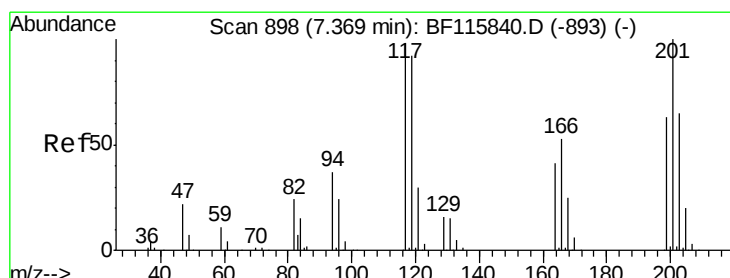
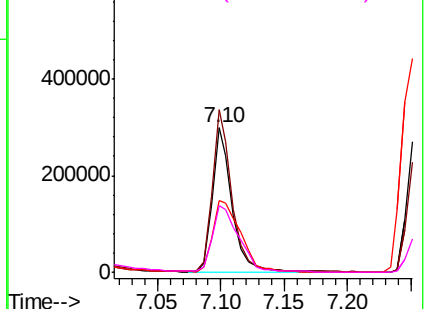


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.560 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

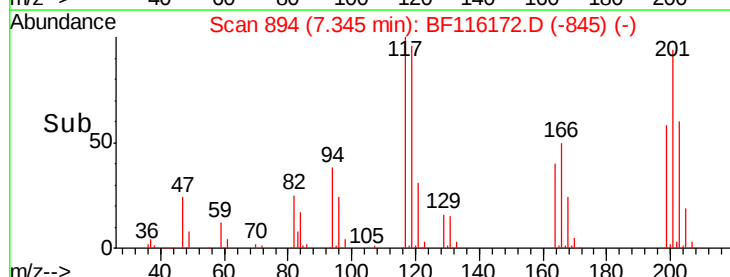
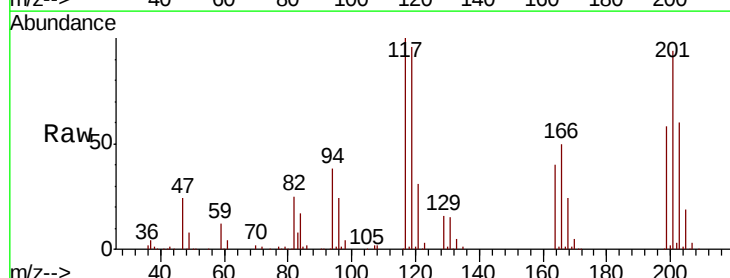
Tgt Ion:117 Resp: 145532

Ion Ratio Lower Upper

117 100

119 95.9 76.1 114.1

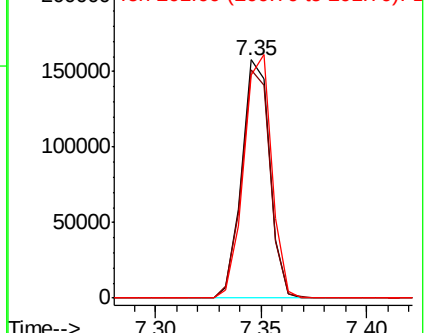
201 93.5 77.0 115.4

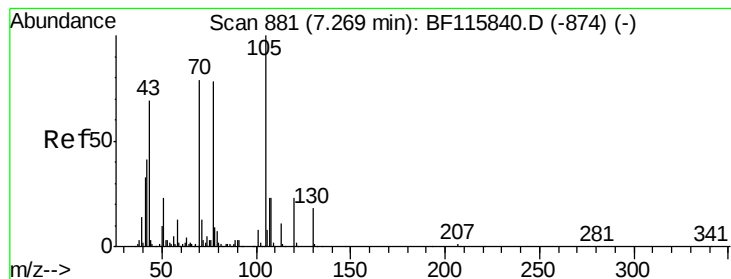


Abundance Ion 117.00 (116.70 to 117.70): E

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: 43.992 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 268573

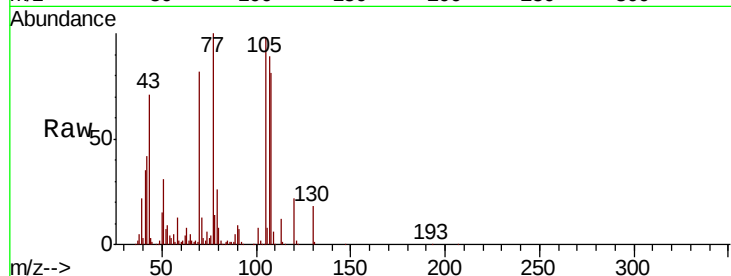
Ion Ratio Lower Upper

70 100

42 51.9 40.9 61.3

101 9.8 7.9 11.9

130 22.2 16.9 25.3

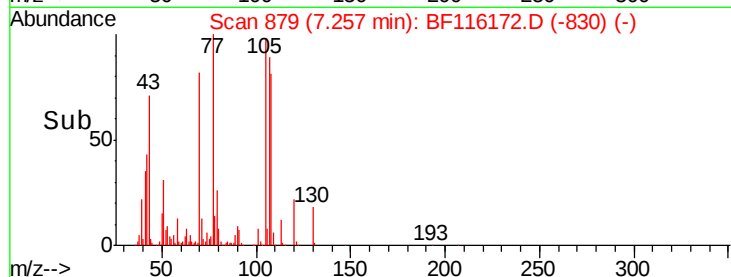
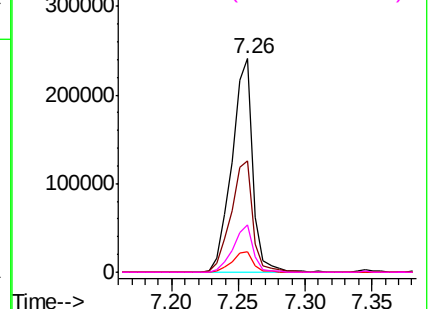


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 46.715 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Tgt Ion:107 Resp: 404189

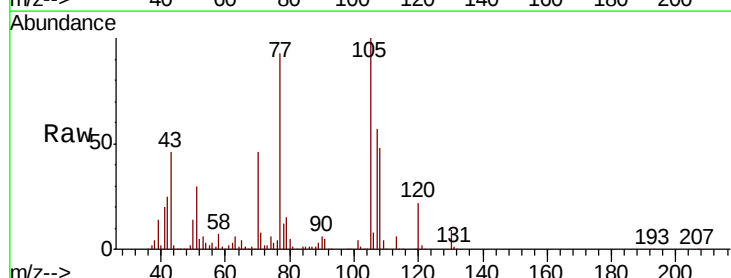
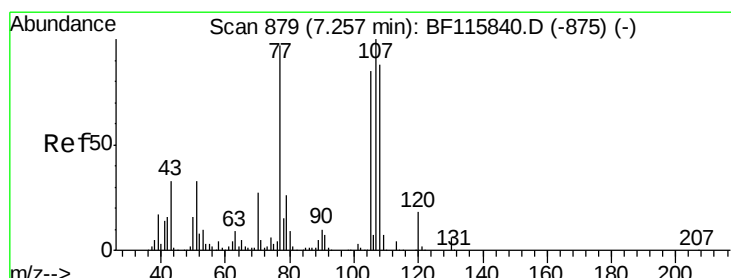
Ion Ratio Lower Upper

107 100

108 84.5 67.6 107.6

77 163.4 104.4 144.4#

79 25.8 7.4 47.4

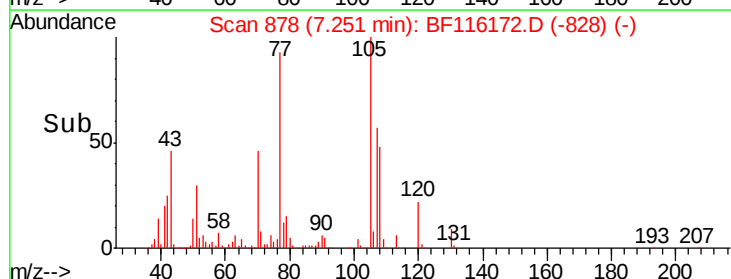
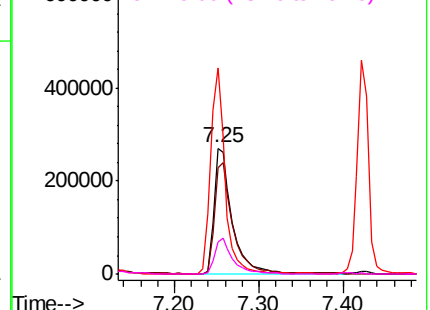


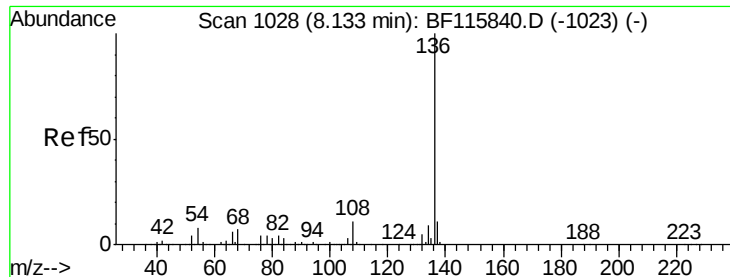
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 504235

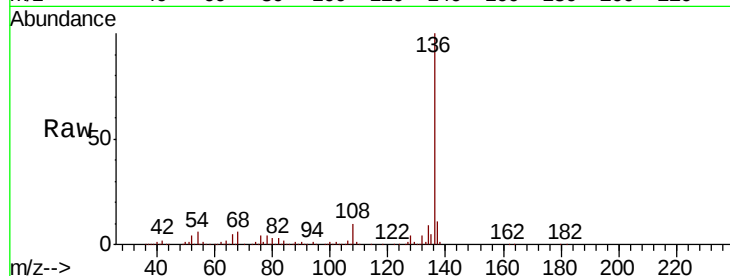
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.5 5.8 8.6

68 5.6 5.2 7.8

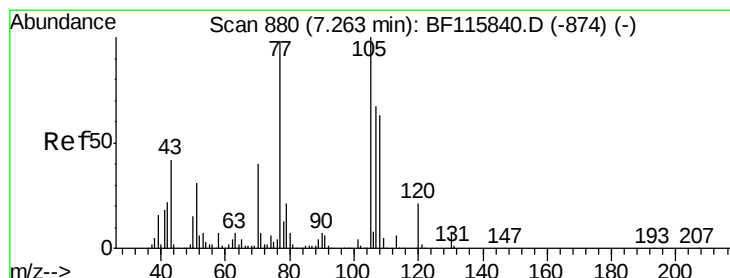
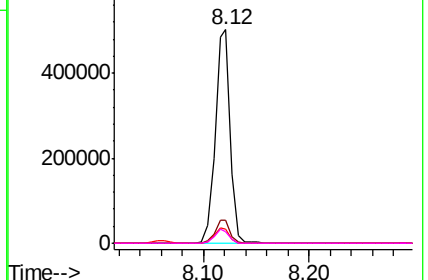
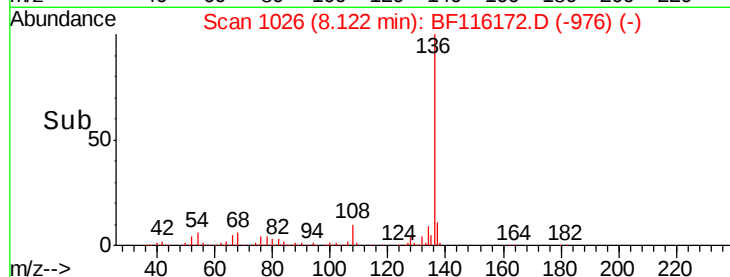


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.432 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Tgt Ion:105 Resp: 524533

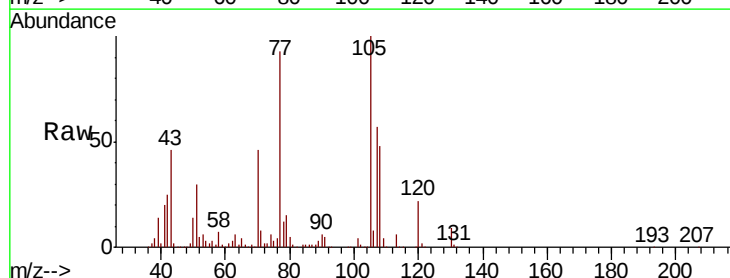
Ion Ratio Lower Upper

105 100

71 7.6 5.9 8.9

51 29.8 25.3 37.9

120 21.8 17.9 26.9

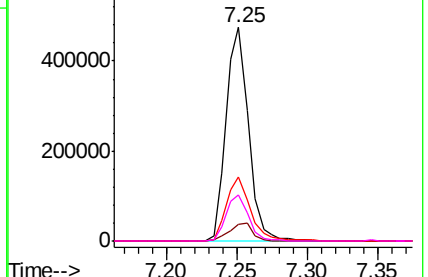
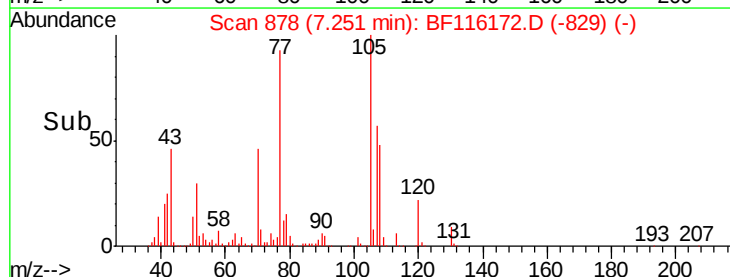


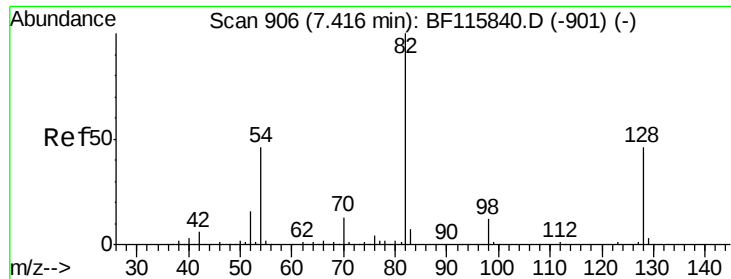
Abundance Ion 105.00 (104.70 to 105.70): E

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

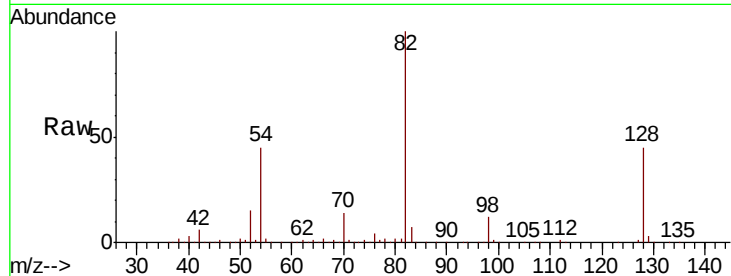




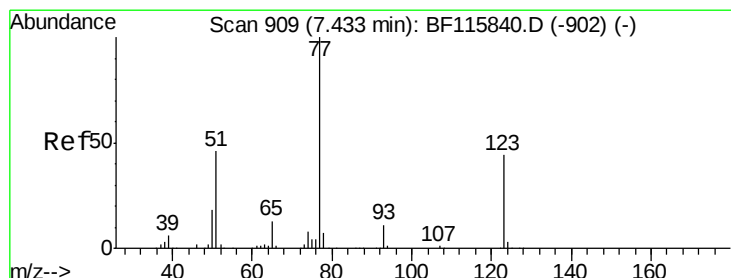
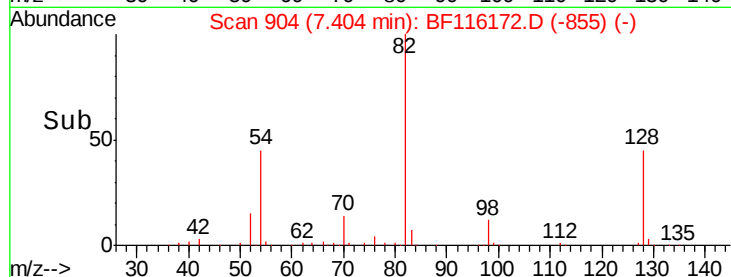
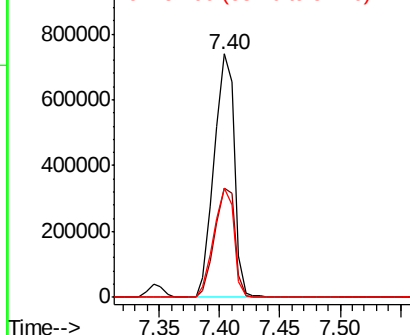
#23
 Nitrobenzene-d5
 Concen: 97.645 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	852967
Ion Ratio	100	Lower	Upper
128	44.9	36.5	54.7
54	45.0	36.0	54.0

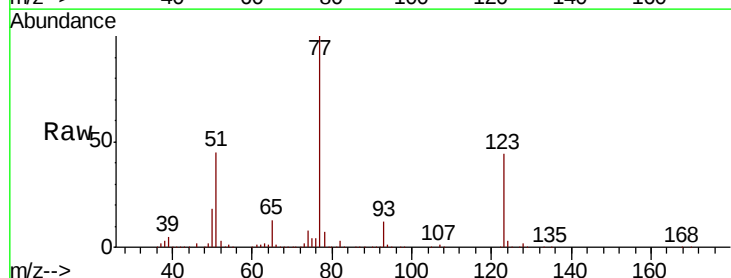


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

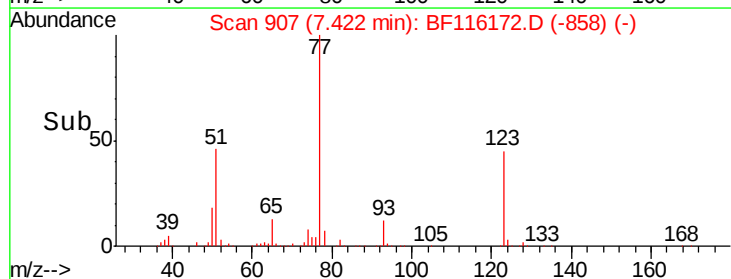
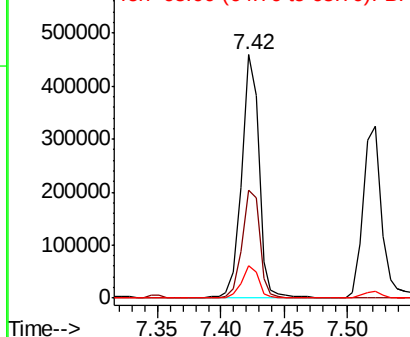


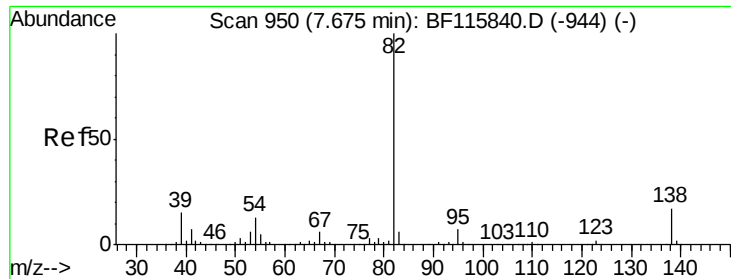
#24
 Nitrobenzene
 Concen: 45.438 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Tgt Ion	77	Resp	428577
Ion Ratio	100	Lower	Upper
123	44.4	36.7	55.1
65	13.3	10.6	16.0



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

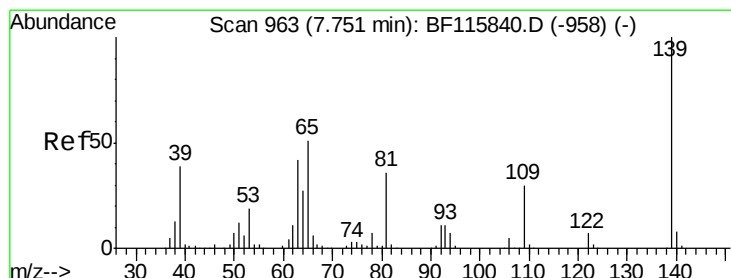
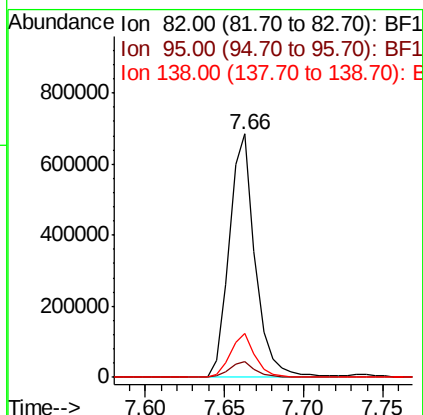
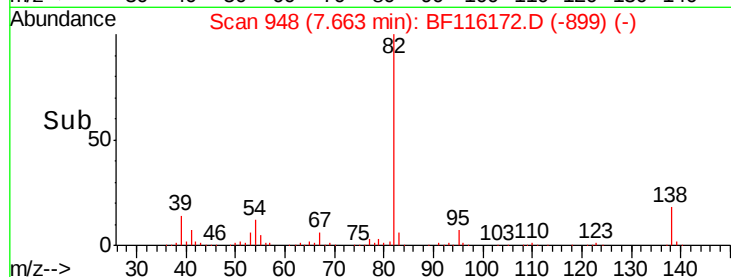
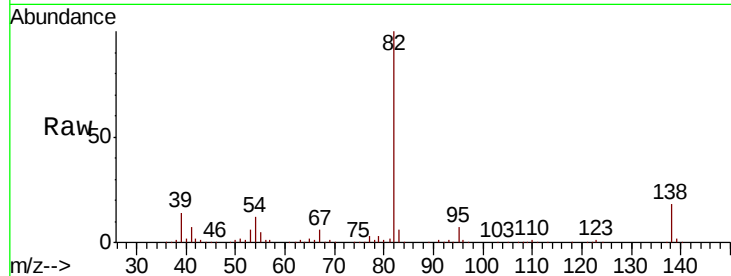




#25
Isophorone
Concen: 46.492 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

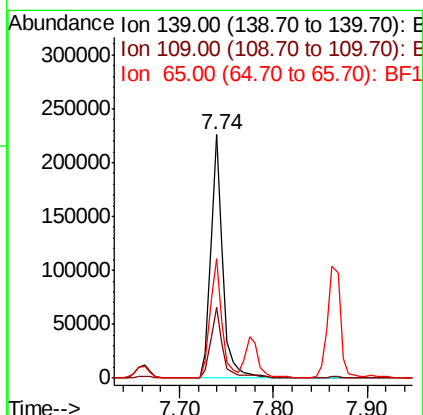
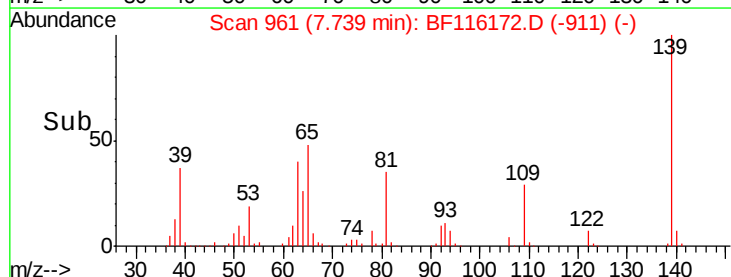
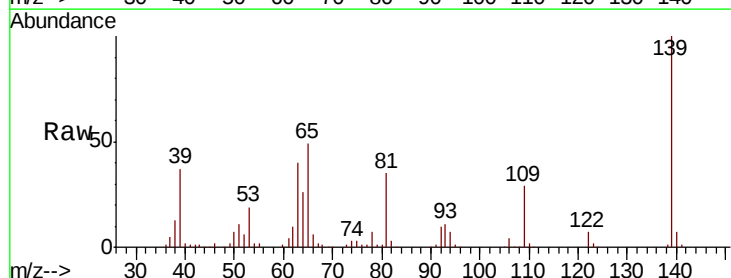
Instrument :
BNA_F
ClientSampleId :

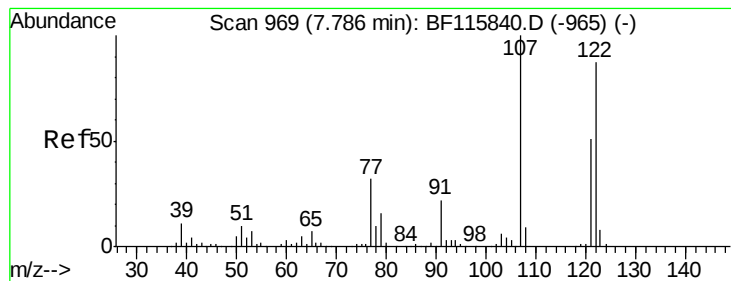
Tot Ion: 82 Resp: 776581
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 18.2 14.5 21.7



#26
2-Nitrophenol
Concen: 46.434 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion: 139 Resp: 206455
Ion Ratio Lower Upper
139 100
109 29.0 23.4 35.2
65 48.9 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 52.016 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampled :

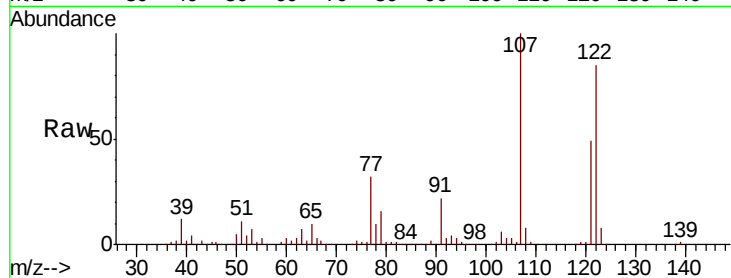
Tot Ion:122 Resp: 347947

Ion Ratio Lower Upper

122 100

107 117.7 93.0 139.6

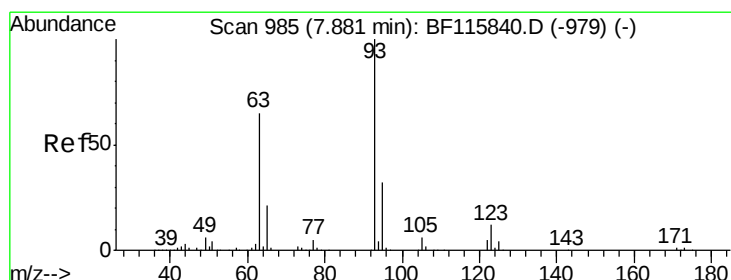
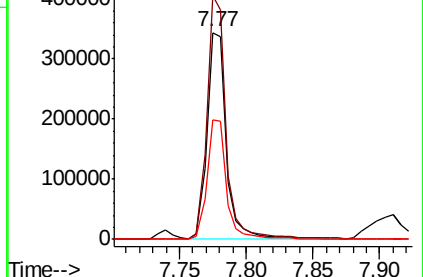
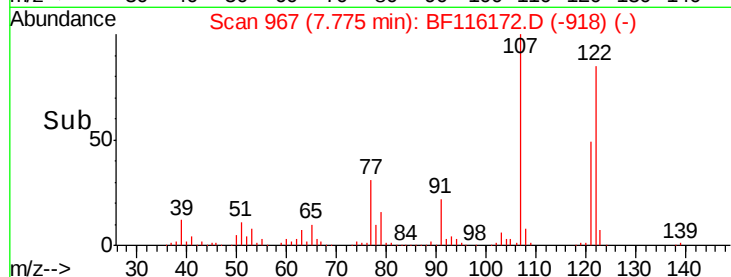
121 58.0 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.669 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

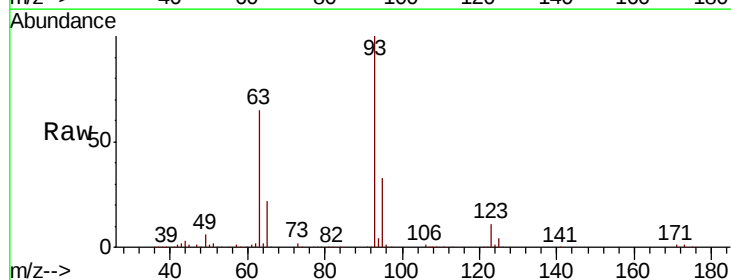
Tgt Ion: 93 Resp: 483167

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

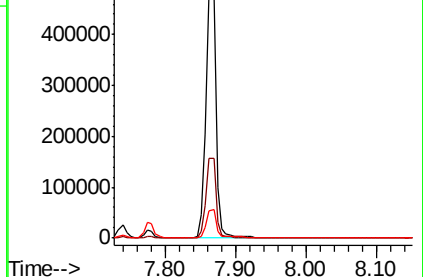
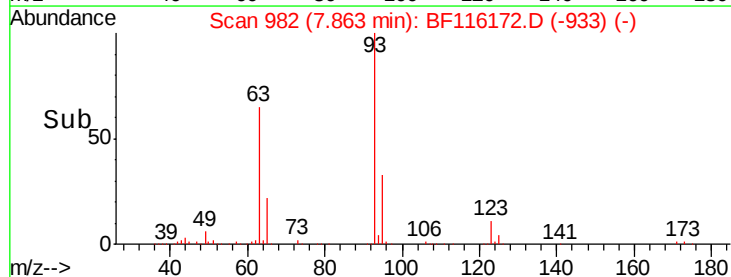
123 11.1 9.2 13.8

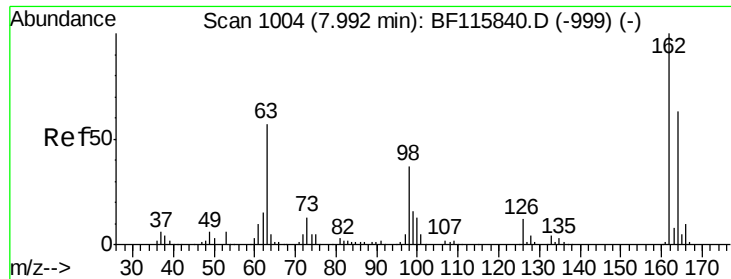


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

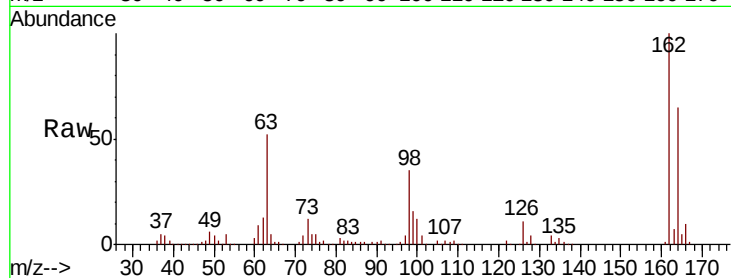




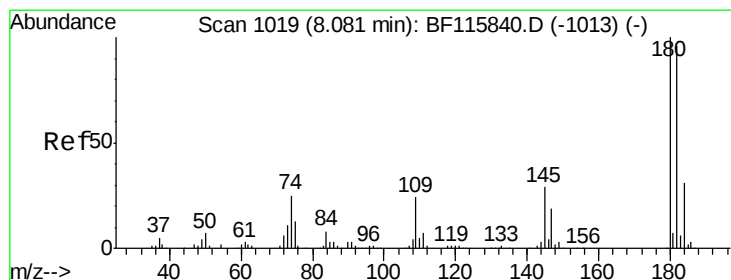
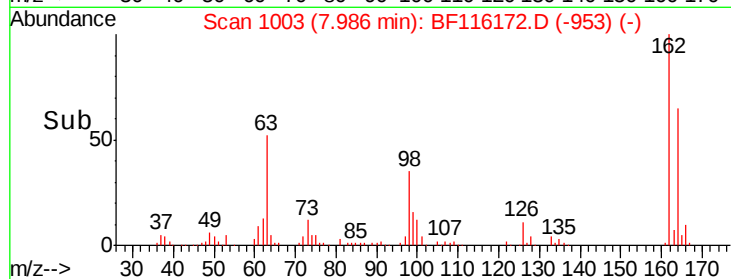
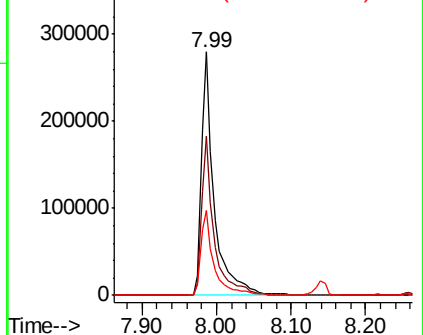
#29
 2,4-Dichlorophenol
 Concen: 47.798 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.1	85.1
98	34.9	15.8	55.8

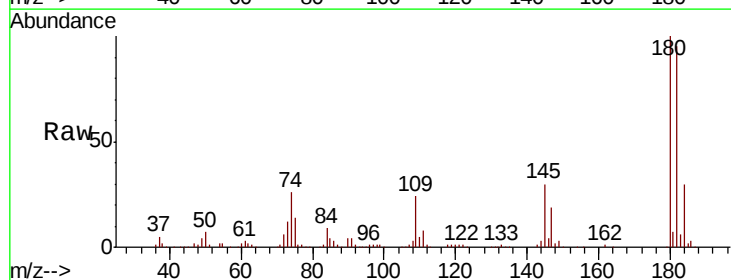


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

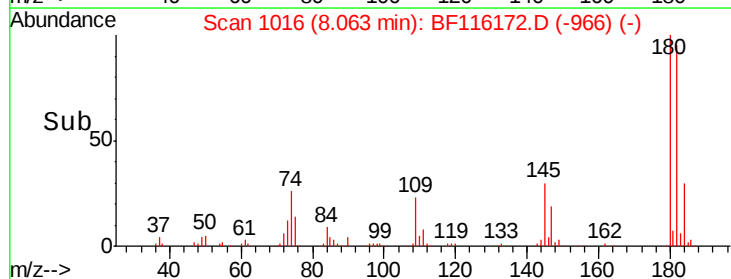
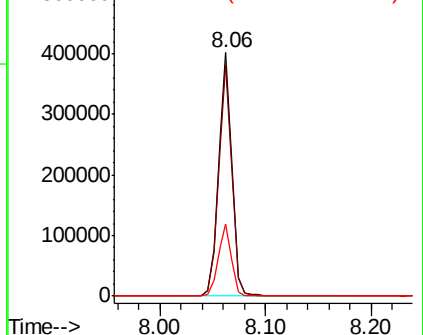


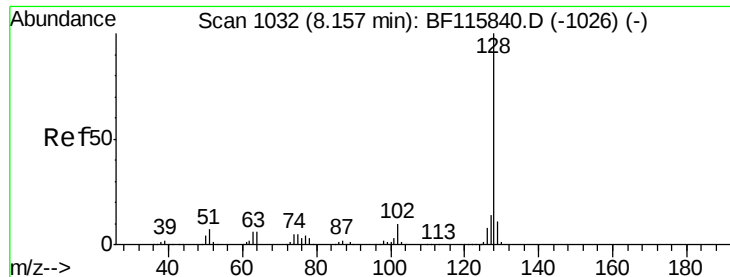
#30
 1,2,4-Trichlorobenzene
 Concen: 44.709 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.7	113.5
145	29.8	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

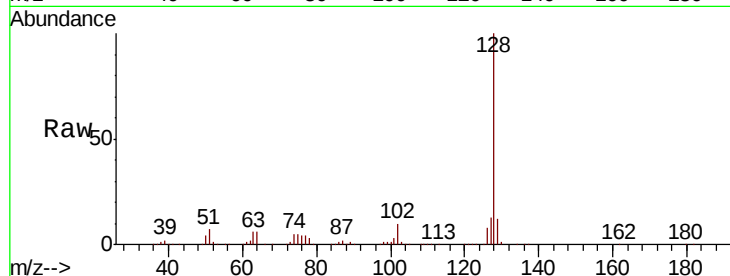




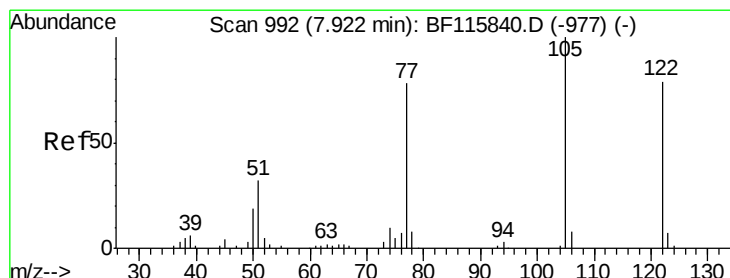
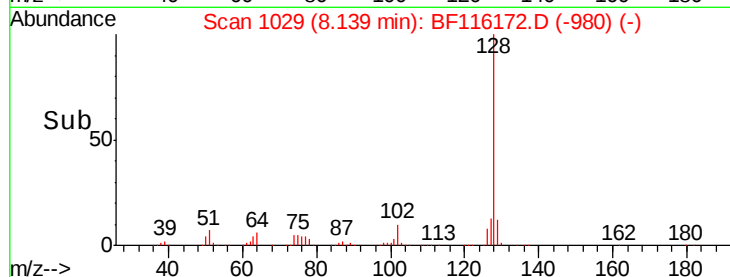
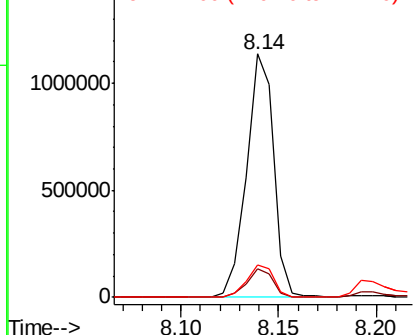
#31
Naphthalene
Concen: 46.215 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1096599
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 11.4 17.0

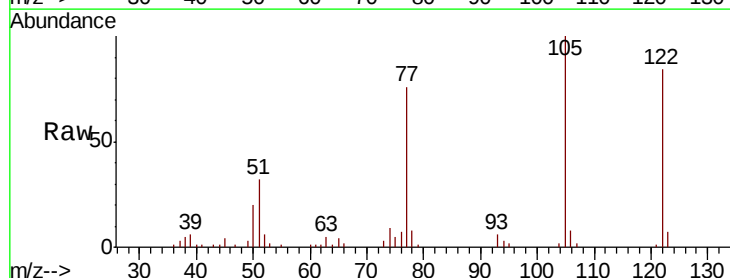


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

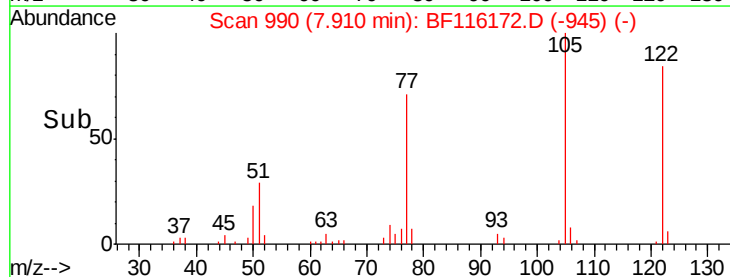
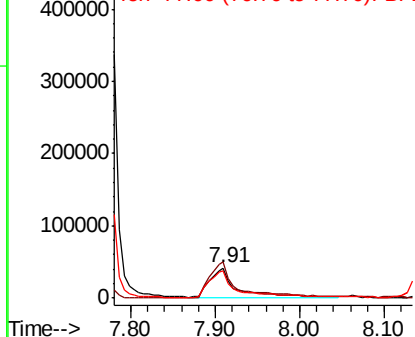


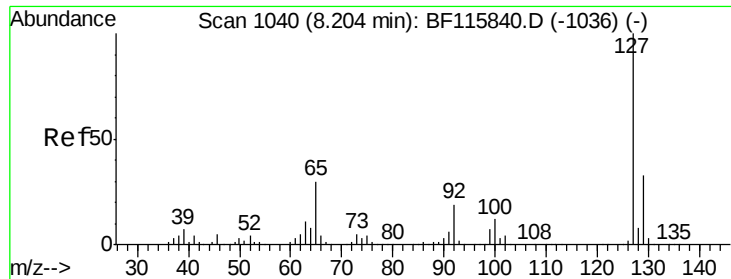
#32
Benzoic acid
Concen: 18.727 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:122 Resp: 88317
Ion Ratio Lower Upper
122 100
105 118.7 106.1 146.1
77 90.7 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

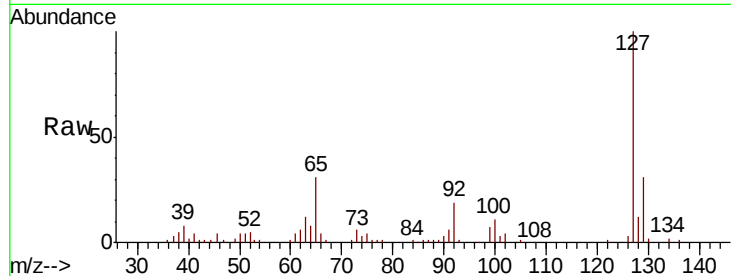




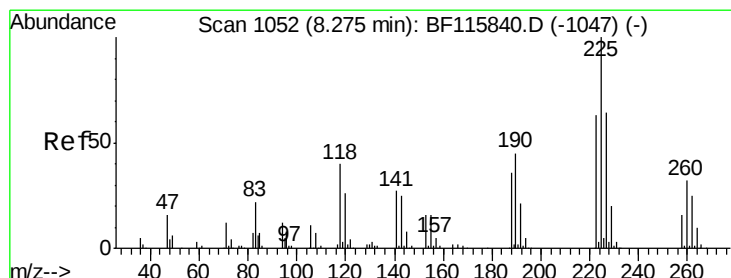
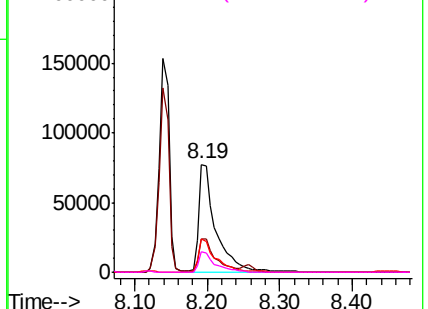
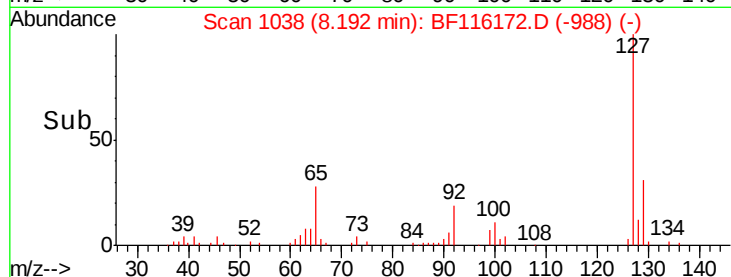
#33
4-Chloroaniline
Concen: 12.035 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	127599
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	30.9	24.9	37.3
92	18.7	15.7	23.5

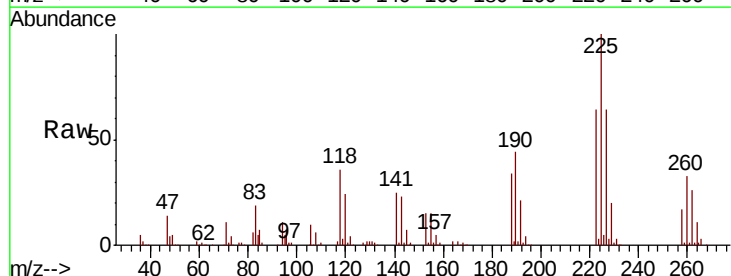


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

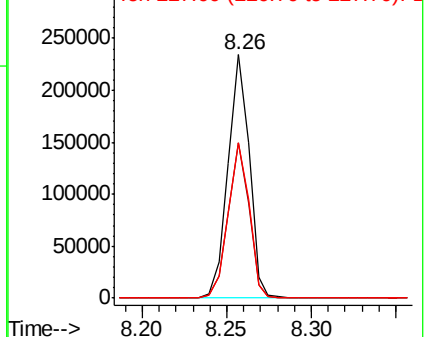
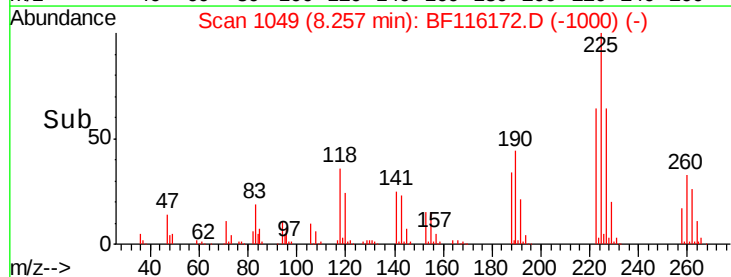


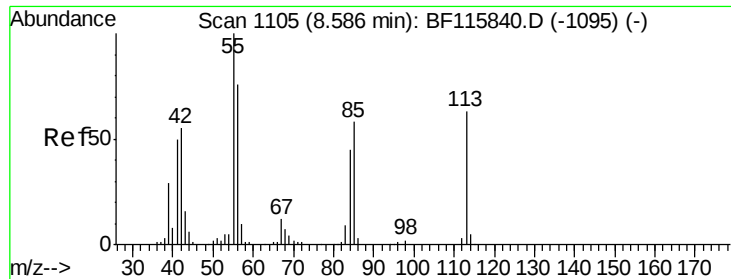
#34
Hexachlorobutadiene
Concen: 44.125 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:	225	Resp:	204622
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	63.7	51.0	76.4



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

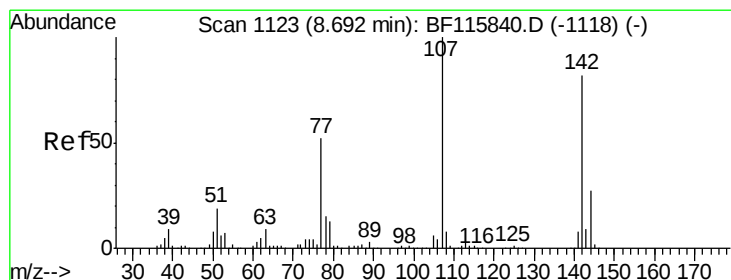
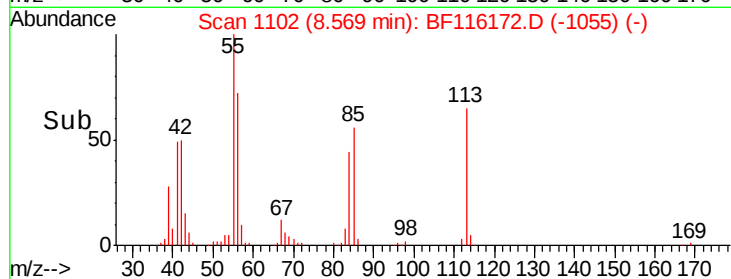
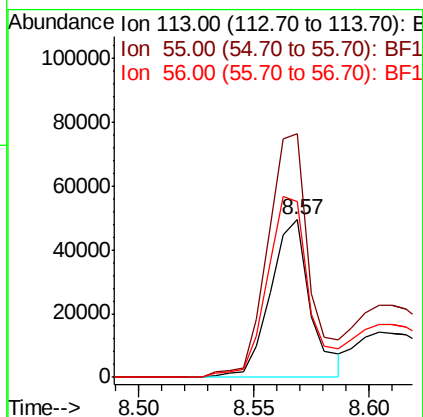
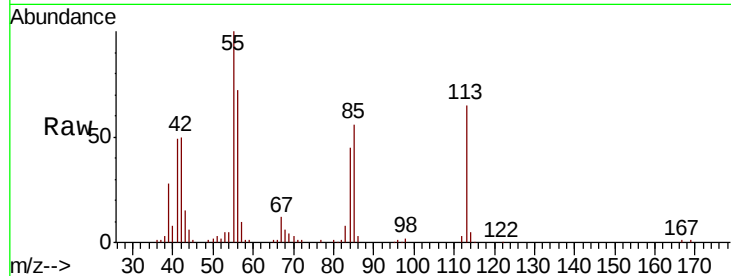




#35
Caprolactam
Concen: 26.065 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

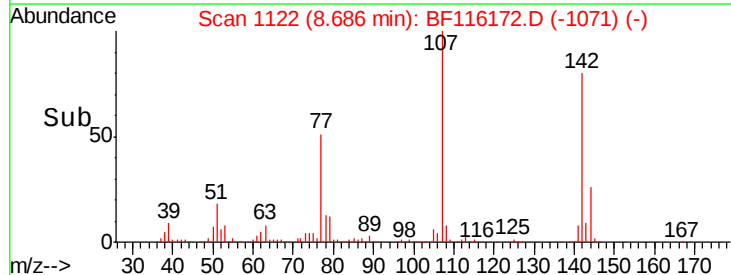
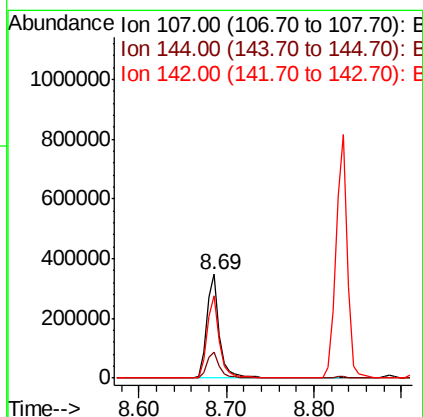
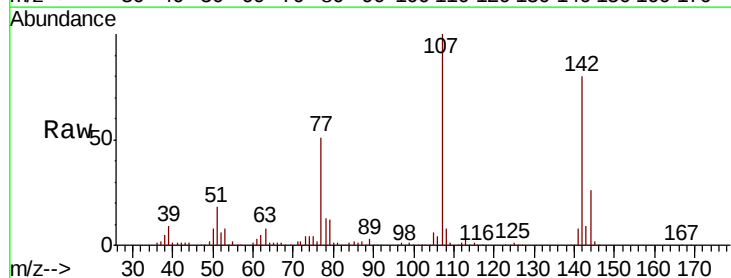
Instrument :
BNA_F
ClientSampled :

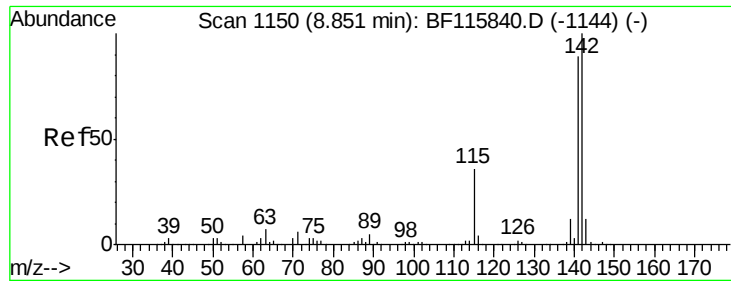
Tot Ion:113 Resp: 59541
Ion Ratio Lower Upper
113 100
55 154.4 144.3 184.3
56 111.1 97.1 137.1



#36
4-Chloro-3-methylphenol
Concen: 47.270 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:107 Resp: 347322
Ion Ratio Lower Upper
107 100
144 25.6 20.2 30.2
142 79.9 61.7 92.5

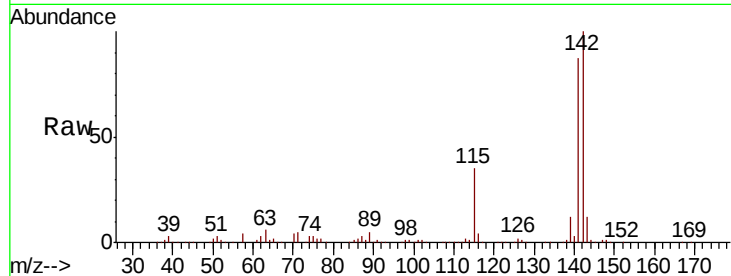




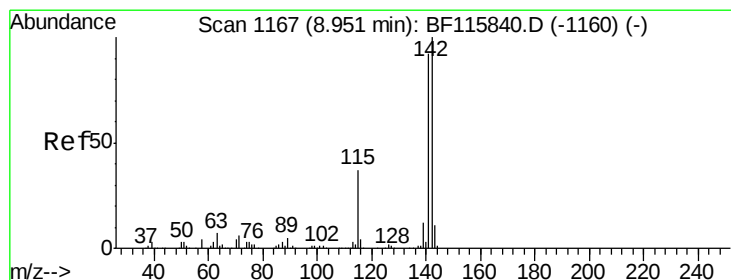
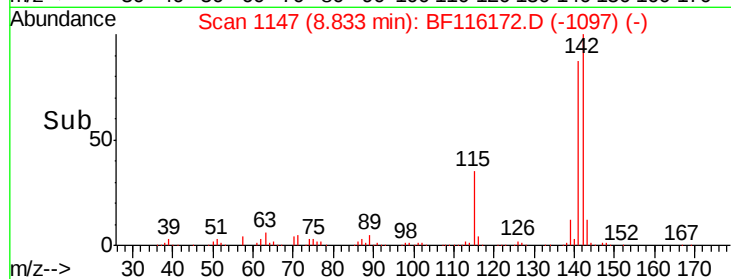
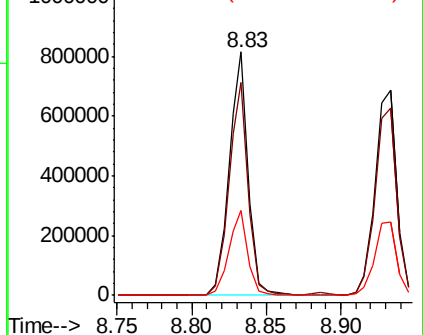
#37
2-Methylnaphthalene
Concen: 46.791 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 731214
Ion Ratio Lower Upper
142 100
141 87.4 70.9 106.3
115 34.7 29.0 43.6

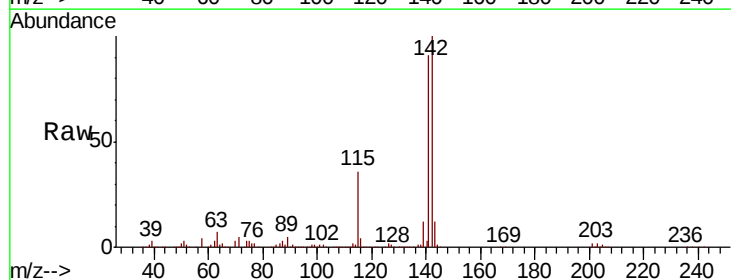


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

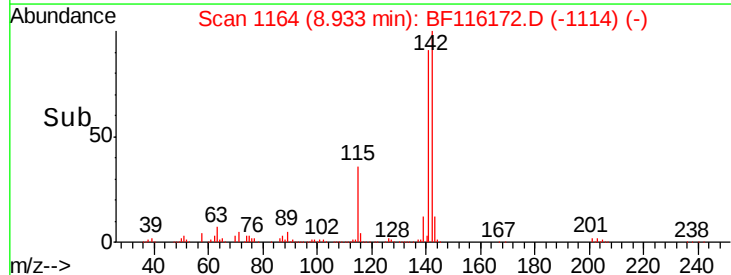
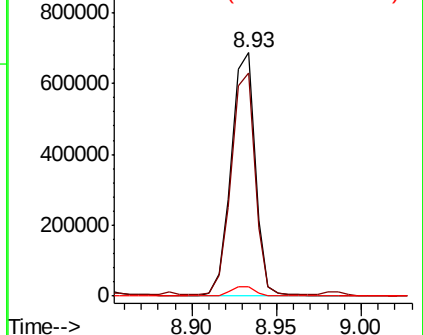


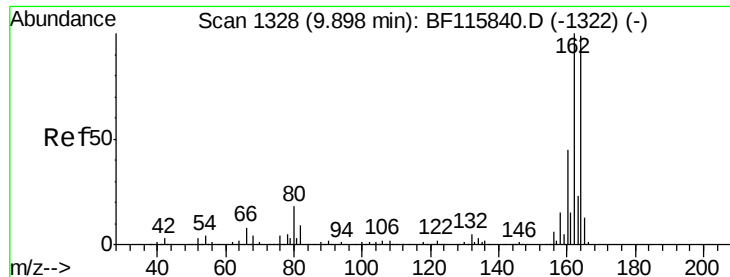
#38
1-Methylnaphthalene
Concen: 45.860 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:142 Resp: 677992
Ion Ratio Lower Upper
142 100
141 91.5 74.4 111.6
116 3.7 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

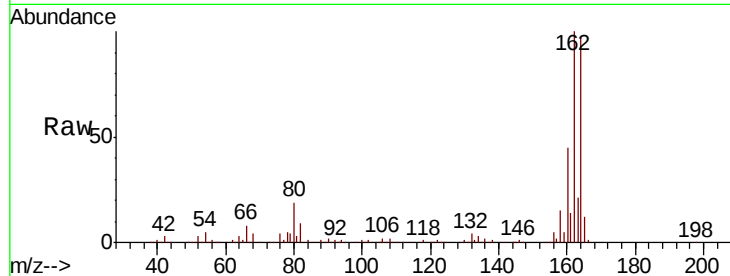




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	124.0
160	45.9	37.6	56.4

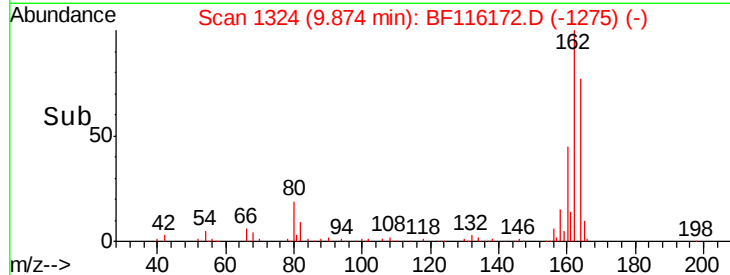
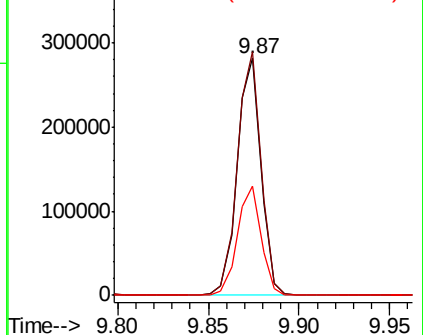


Abundance

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: 48.822 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.6	95.4
179	22.2	17.8	26.8
108	19.9	16.5	24.7

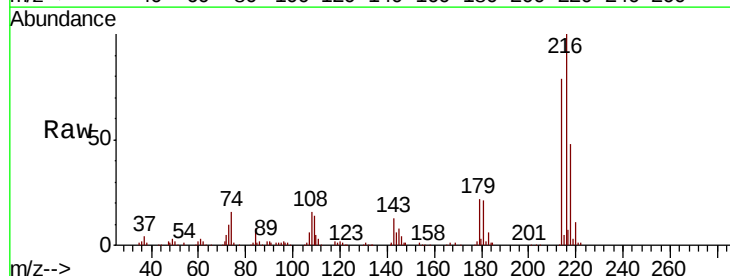
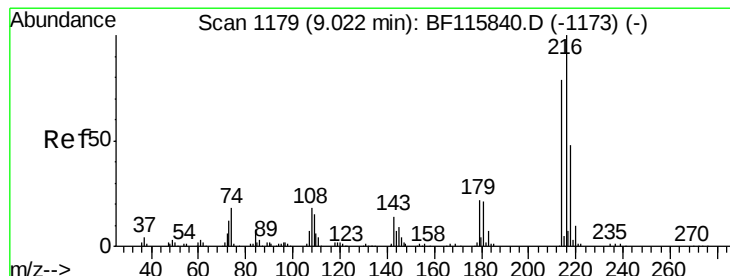
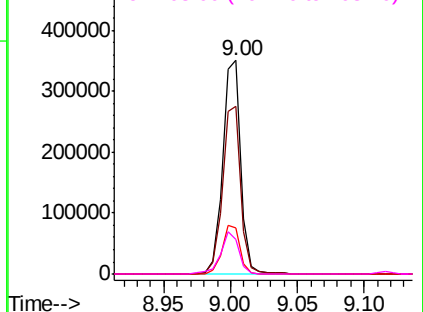
Abundance

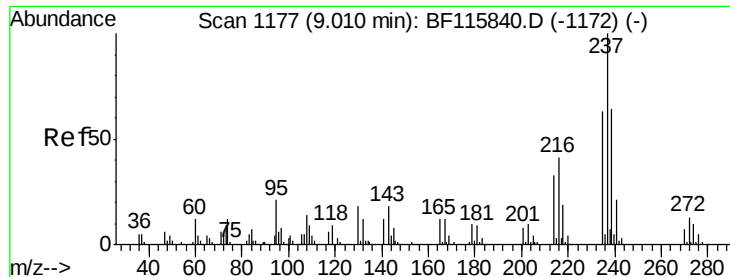
Ion 216.00 (215.70 to 216.70): E

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: 29.355 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampled :

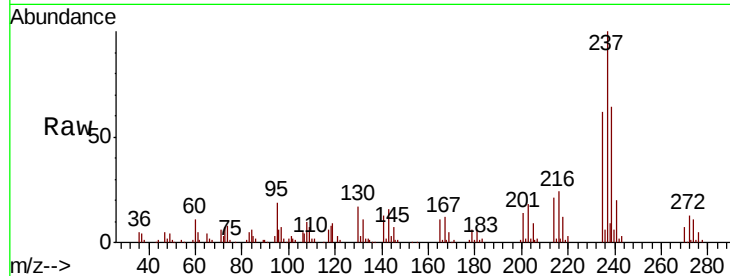
Tot Ion:237 Resp: 78002

Ion Ratio Lower Upper

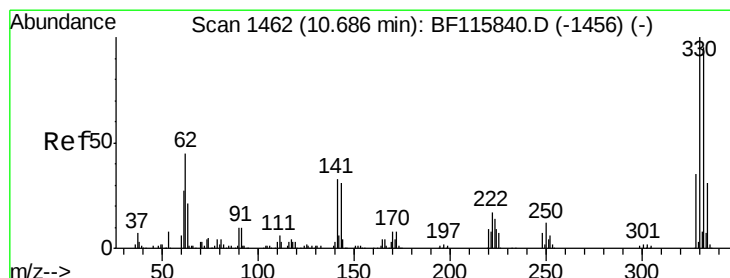
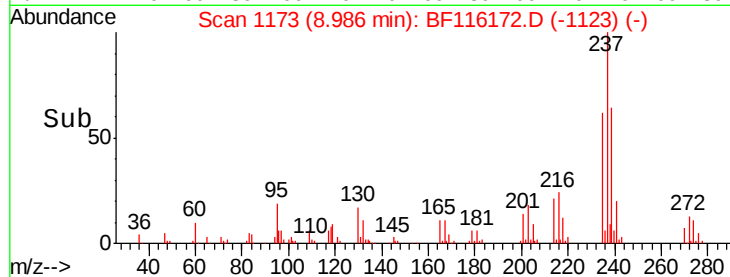
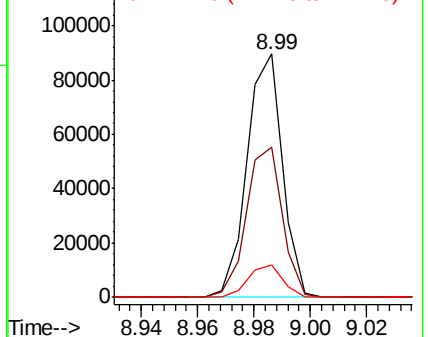
237 100

235 61.9 43.4 83.4

272 13.3 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: 126.750 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

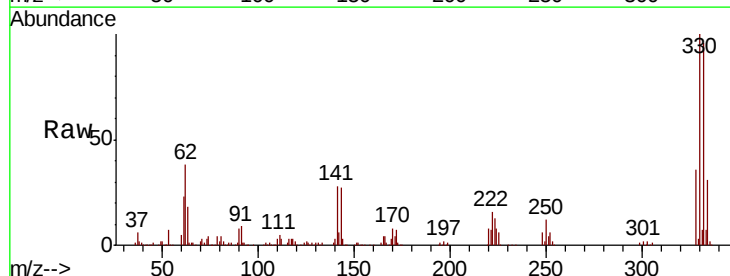
Tgt Ion:330 Resp: 315599

Ion Ratio Lower Upper

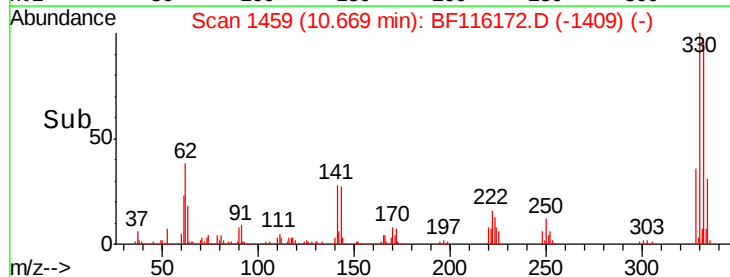
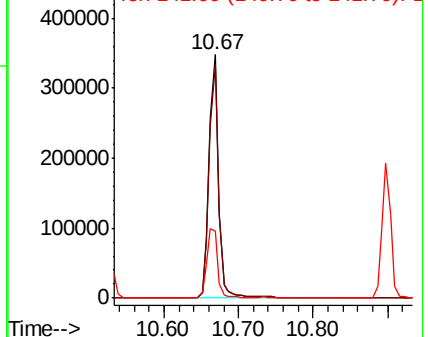
330 100

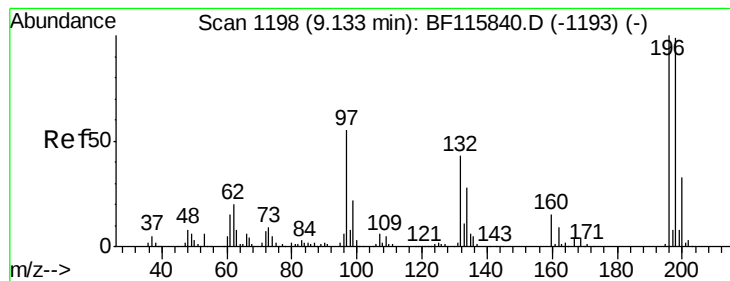
332 96.1 76.8 115.2

141 32.3 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: 45.029 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampled :

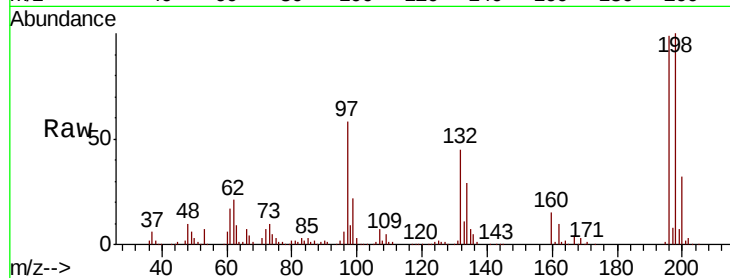
Tot Ion:196 Resp: 212798

Ion Ratio Lower Upper

196 100

198 100.9 79.2 118.8

200 32.1 25.2 37.8

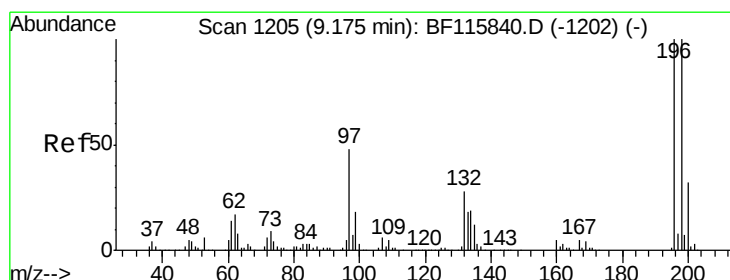
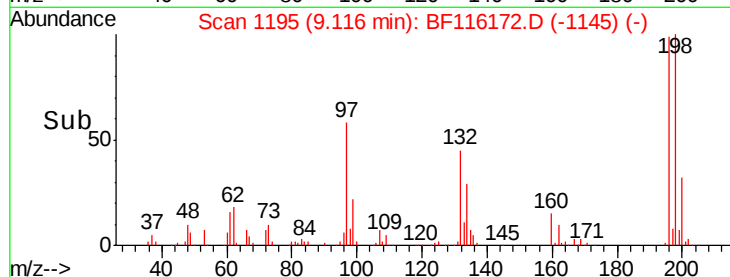
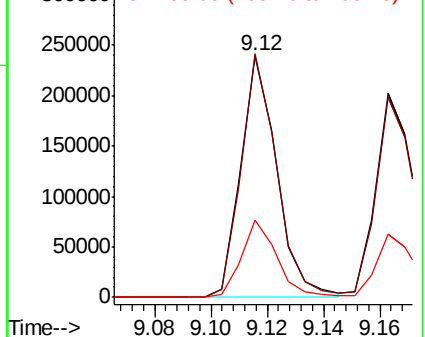


Abundance

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: 46.383 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Tgt Ion:196 Resp: 226584

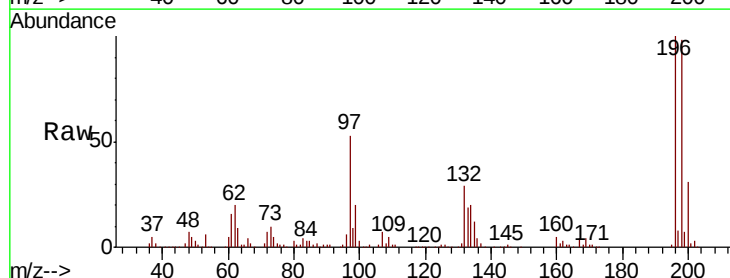
Ion Ratio Lower Upper

196 100

198 98.2 78.8 118.2

97 52.8 42.2 63.4

132 29.3 24.0 36.0



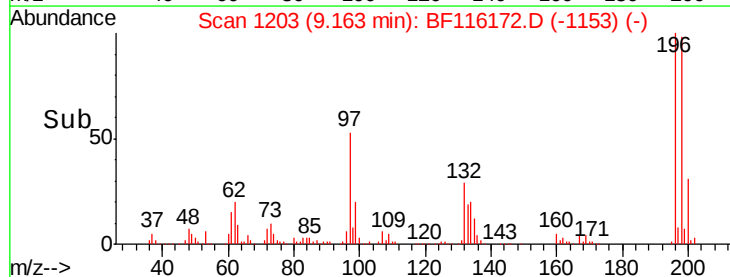
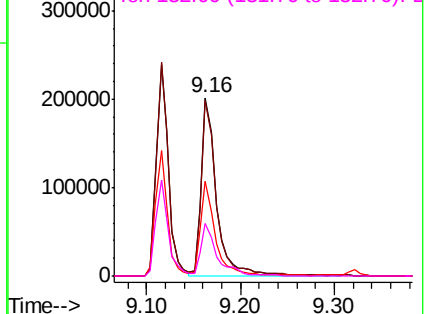
Abundance

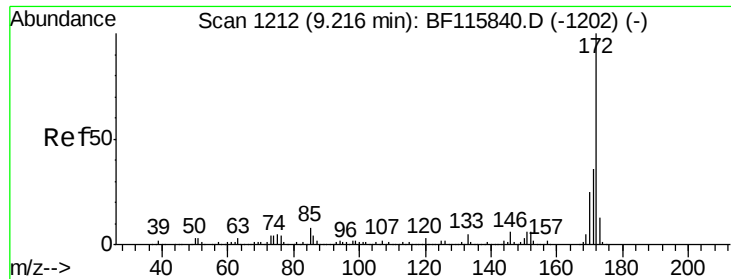
Ion 196.00 (195.70 to 196.70): E

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

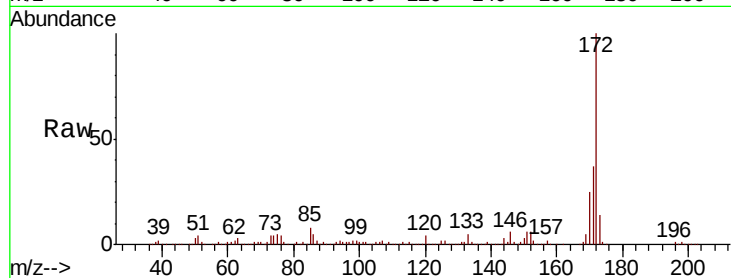




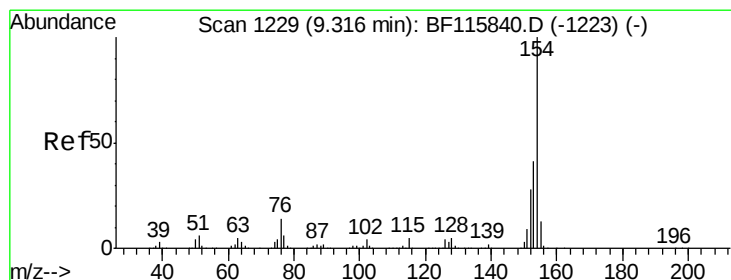
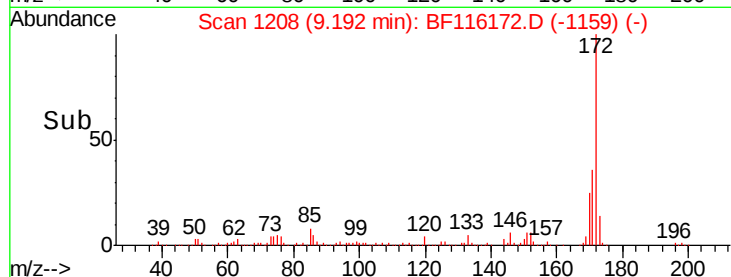
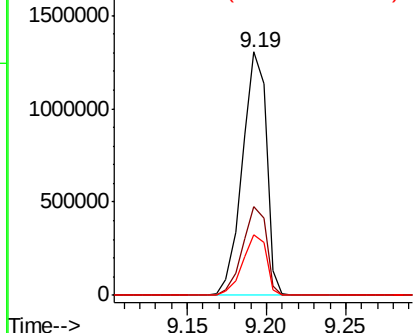
#45
2-Fluorobiphenyl
Concen: 100.090 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1372346
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.9 20.1 30.1

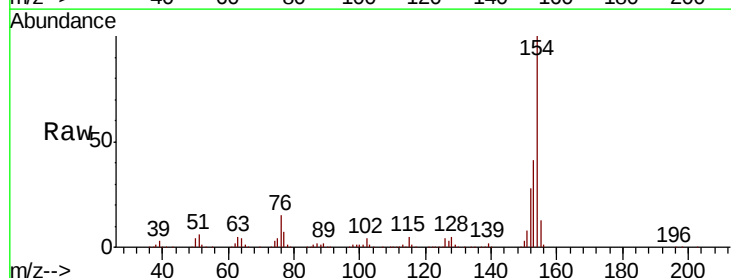


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

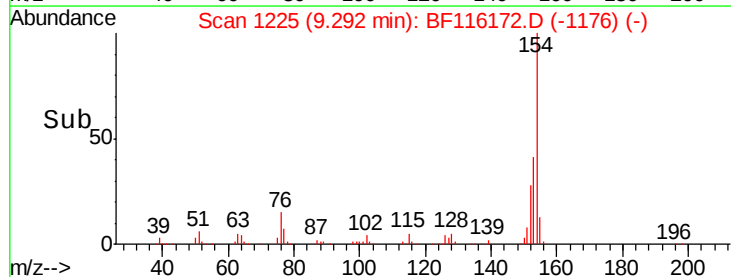
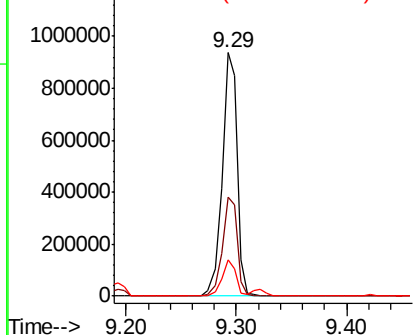


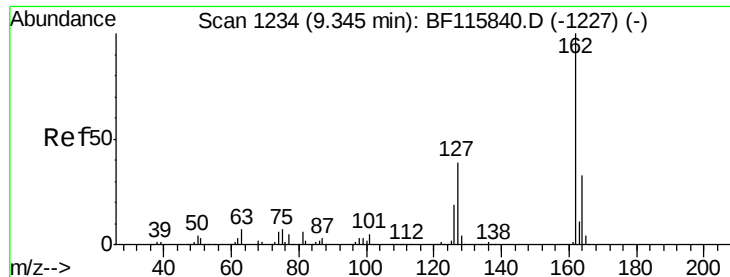
#46
1,1'-Biphenyl
Concen: 48.591 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:154 Resp: 881021
Ion Ratio Lower Upper
154 100
153 40.7 21.4 61.4
76 14.8 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

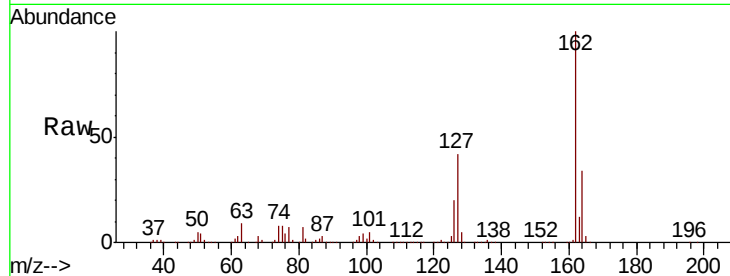




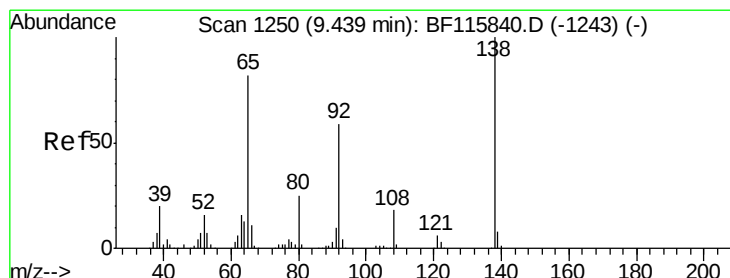
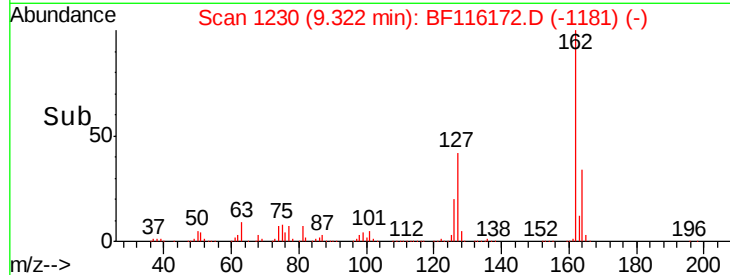
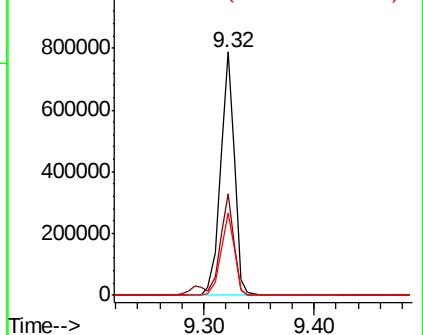
#47
2-Chloronaphthalene
Concen: 45.591 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 687990
Ion Ratio Lower Upper
162 100
127 41.6 32.8 49.2
164 33.6 26.6 39.8

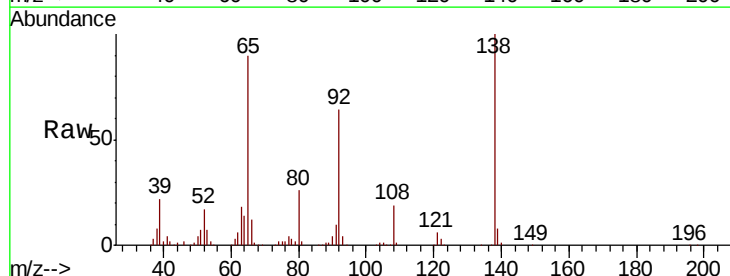


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

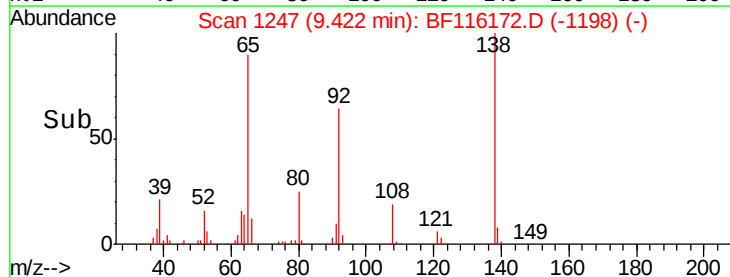
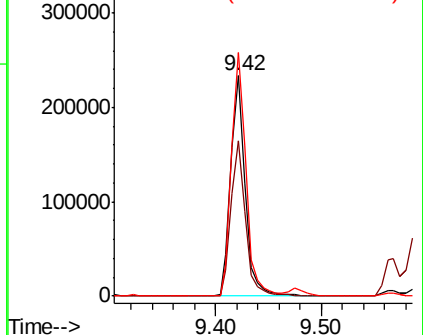


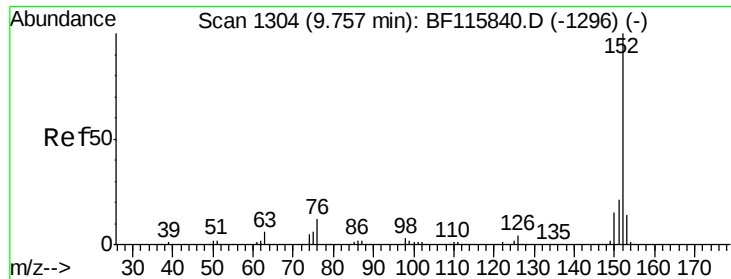
#48
2-Nitroaniline
Concen: 44.415 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion: 65 Resp: 221544
Ion Ratio Lower Upper
65 100
92 70.7 57.8 86.8
138 110.6 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: 46.624 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampled :

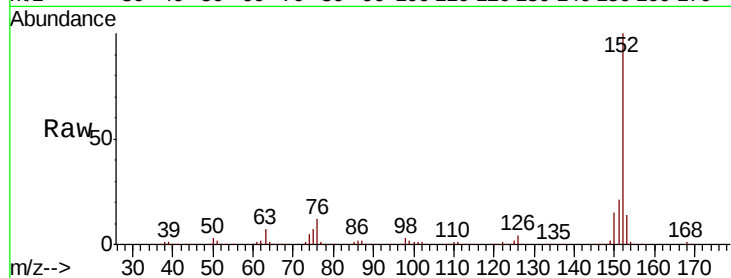
Tot Ion:152 Resp: 1026462

Ion Ratio Lower Upper

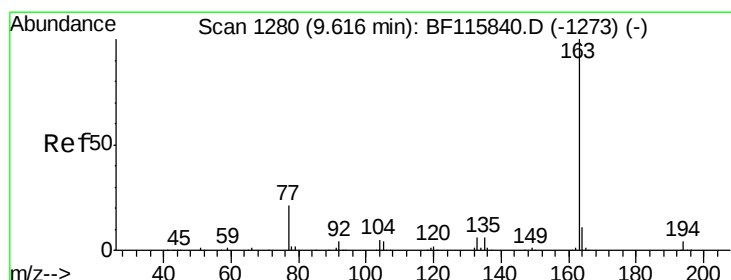
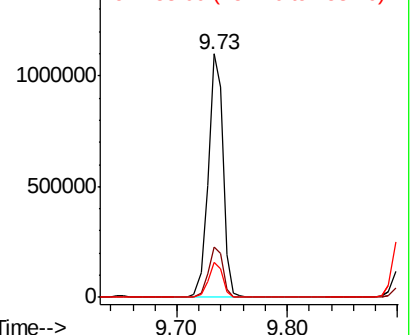
152 100

151 20.9 17.2 25.8

153 14.2 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: 57.060 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

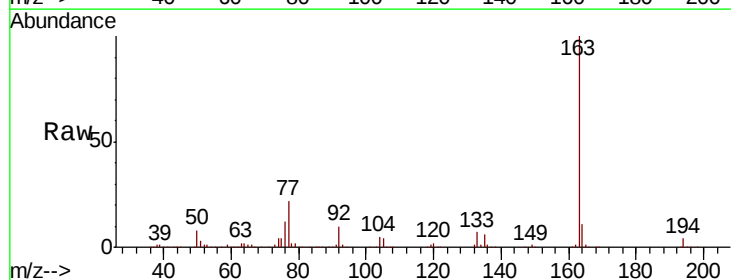
Tgt Ion:163 Resp: 997778

Ion Ratio Lower Upper

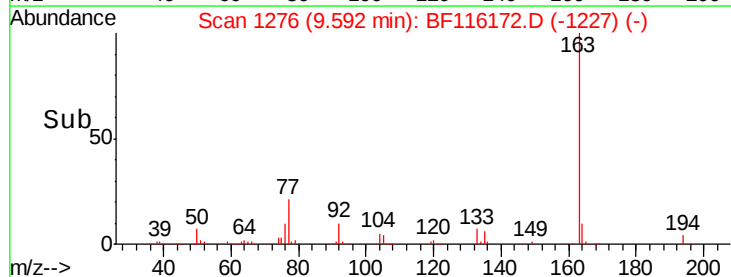
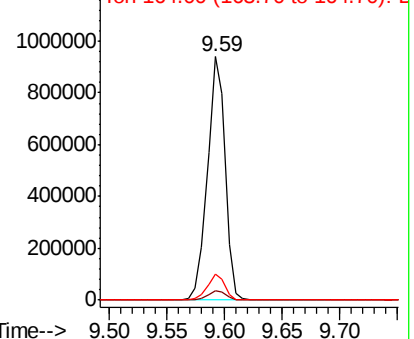
163 100

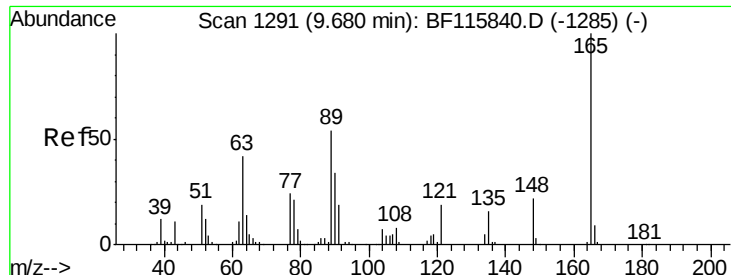
194 3.7 3.0 4.6

164 10.8 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: 46.882 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampleId :

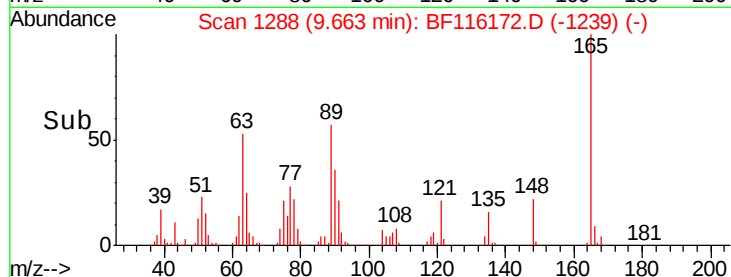
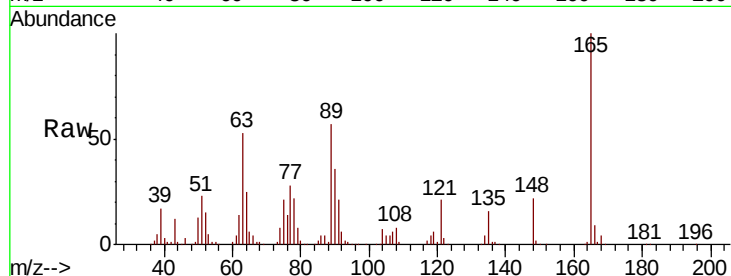
Tot Ion:165 Resp: 178157

Ion Ratio Lower Upper

165 100

63 53.0 38.2 57.2

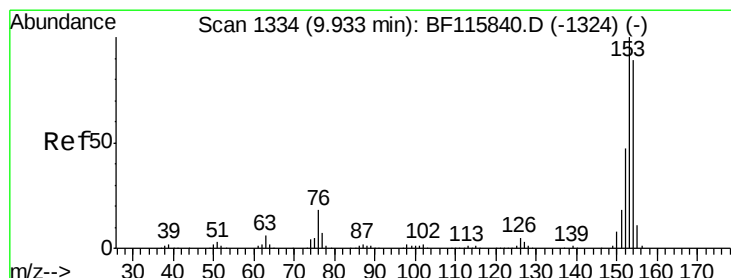
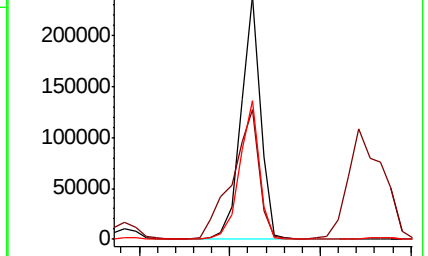
89 56.9 42.9 64.3



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: 45.214 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

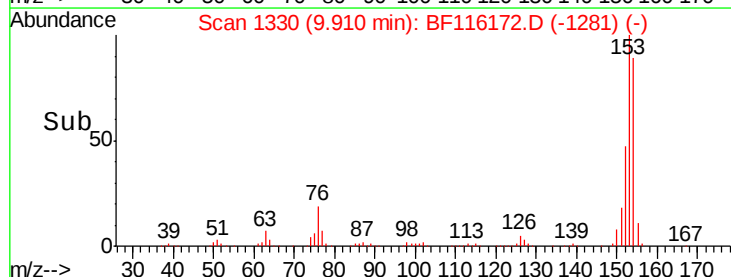
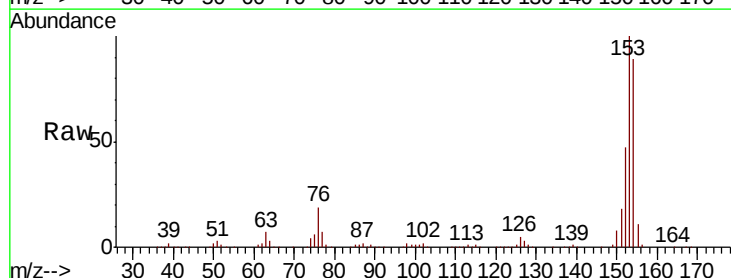
Tgt Ion:154 Resp: 610681

Ion Ratio Lower Upper

154 100

153 112.4 89.4 134.0

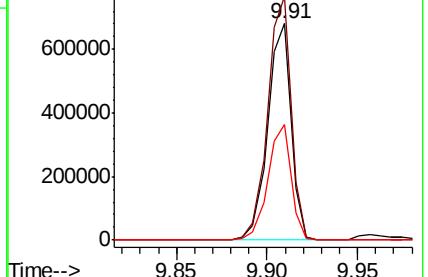
152 53.3 42.3 63.5

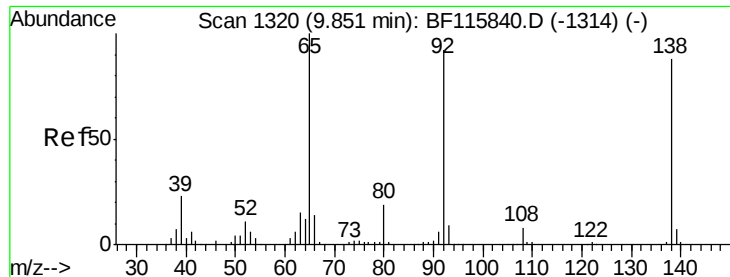


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

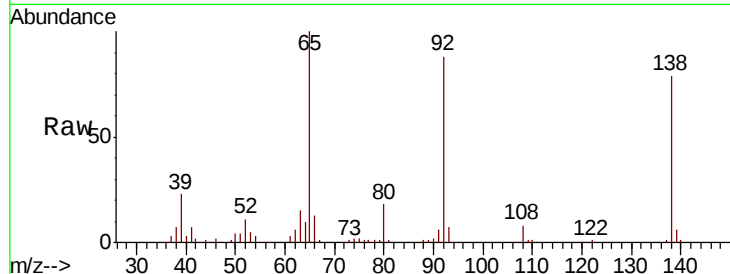




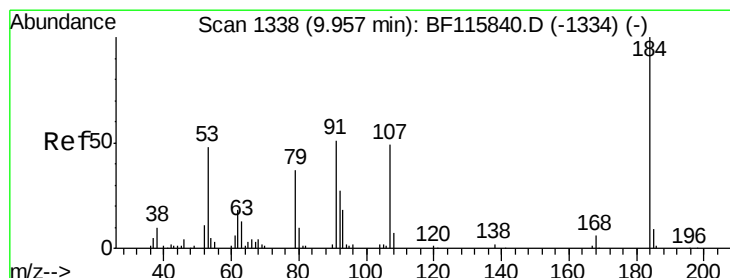
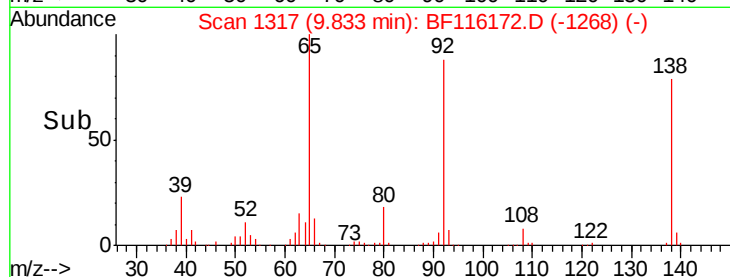
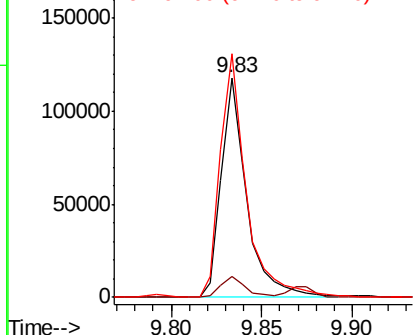
#53
3-Nitroaniline
Concen: 24.619 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 115601
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 111.0 91.0 136.6

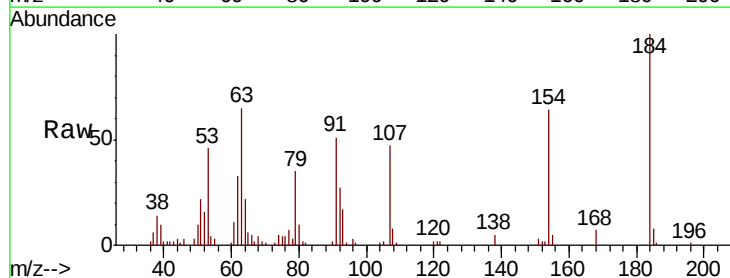


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

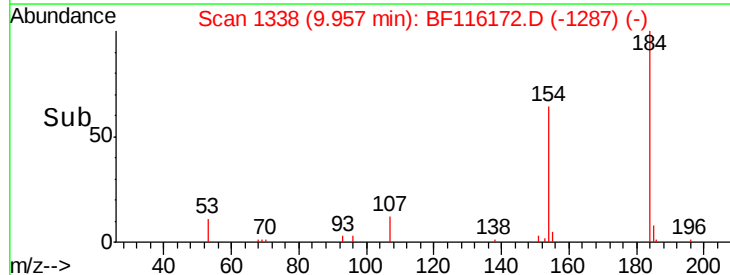
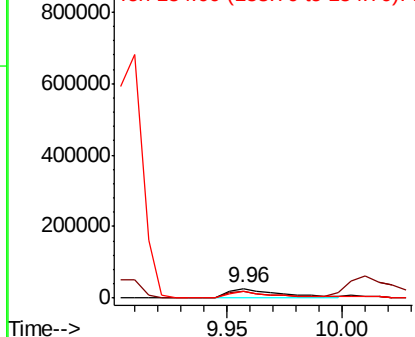


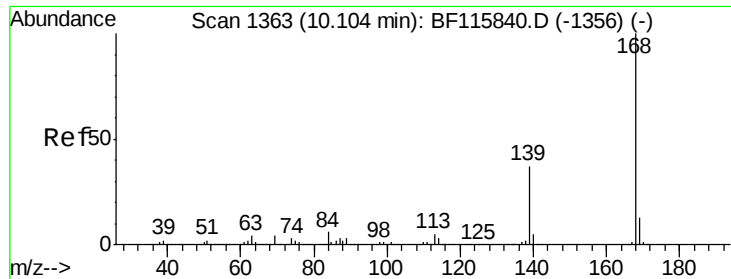
#54
2,4-Dinitrophenol
Concen: 28.235 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:184 Resp: 43745
Ion Ratio Lower Upper
184 100
63 65.2 53.0 79.4
154 64.0 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

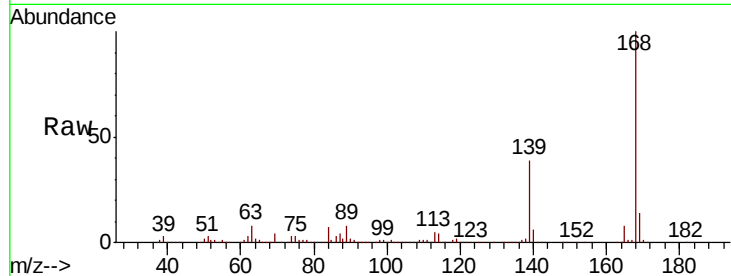




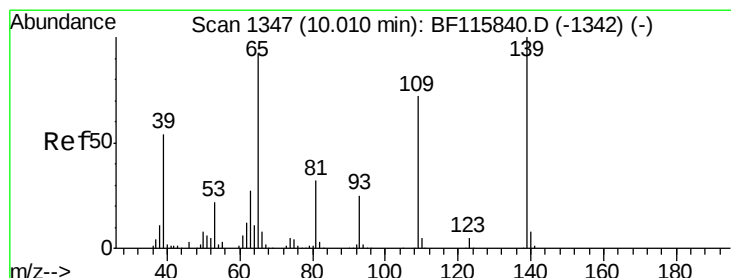
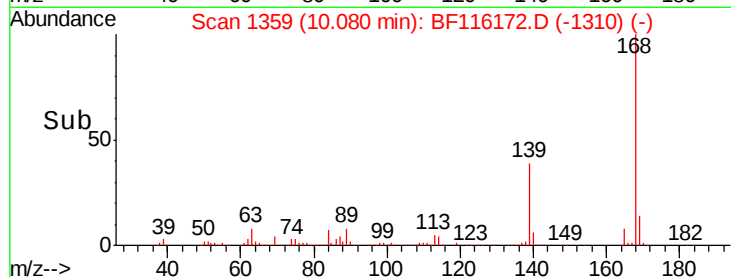
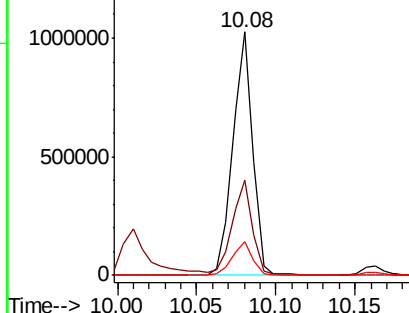
#55
Dibenzenofuran
Concen: 45.088 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.4	47.2
169	13.7	10.9	16.3

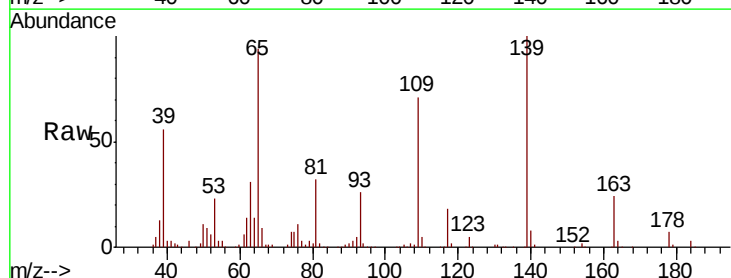


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

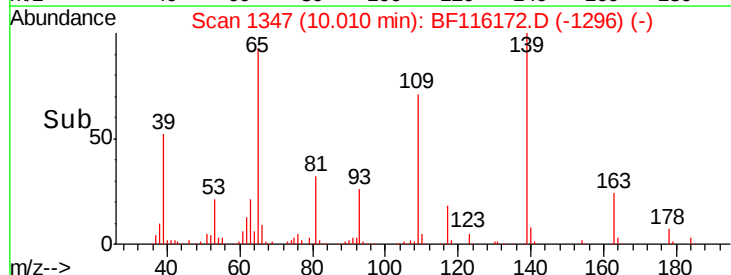
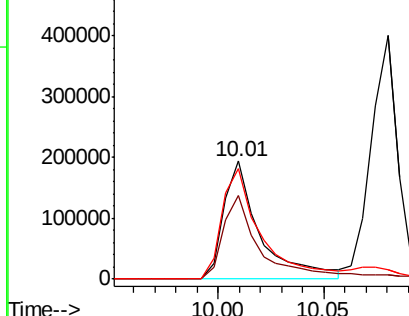


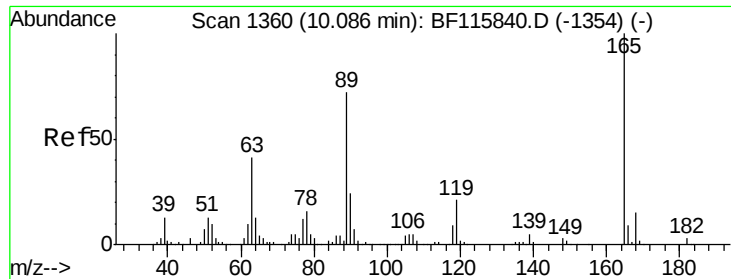
#56
4-Nitrophenol
Concen: 77.228 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.1	54.4	94.4
65	94.1	80.6	120.6



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

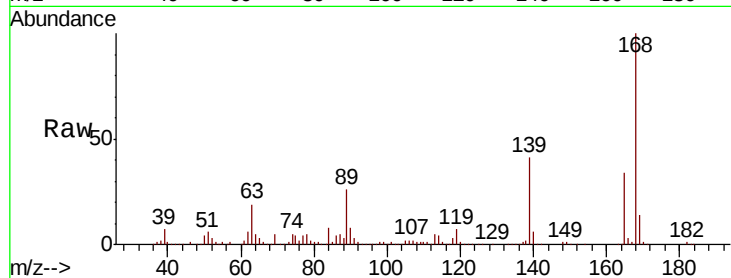




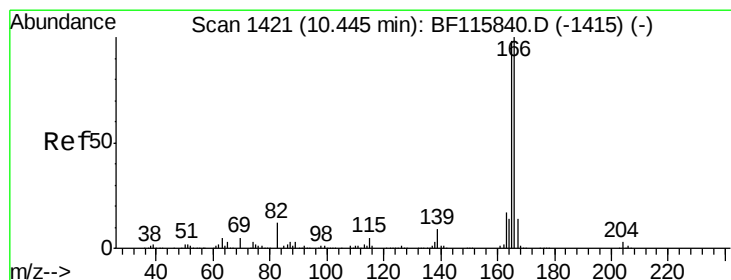
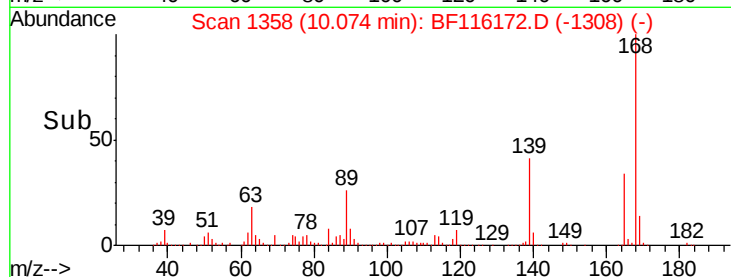
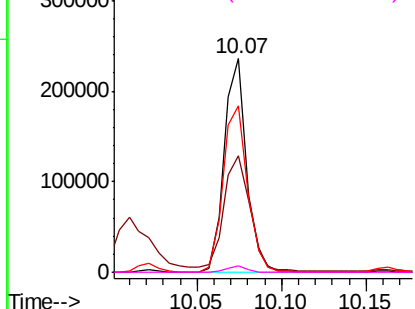
#57
 2,4-Dinitrotoluene
 Concen: 42.824 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	216668
Ion	Ratio	Lower	Upper
165	100		
63	54.7	39.6	59.4
89	77.8	62.2	93.2
182	2.7	2.1	3.1

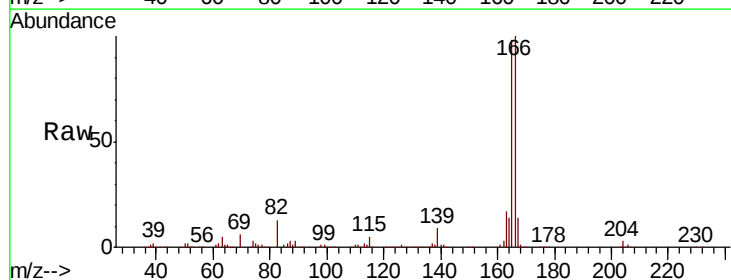


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

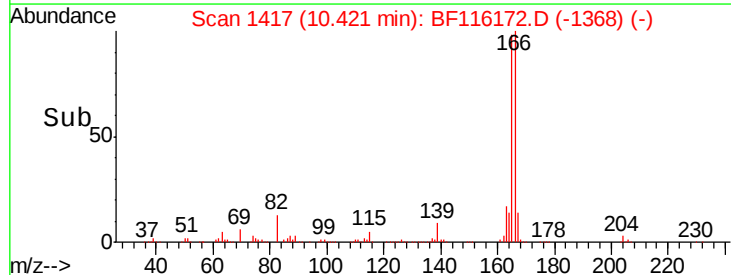
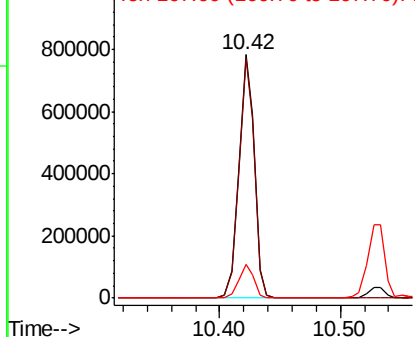


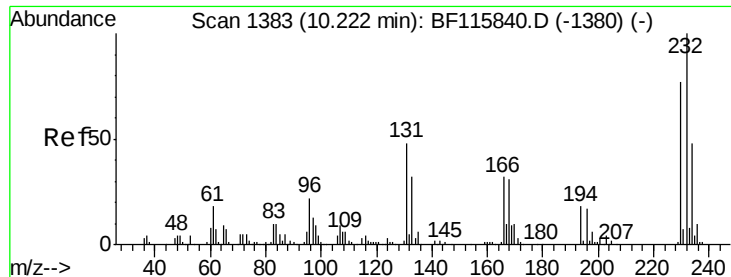
#58
 Fluorene
 Concen: 46.132 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Tgt Ion:	166	Resp:	697145
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.8	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

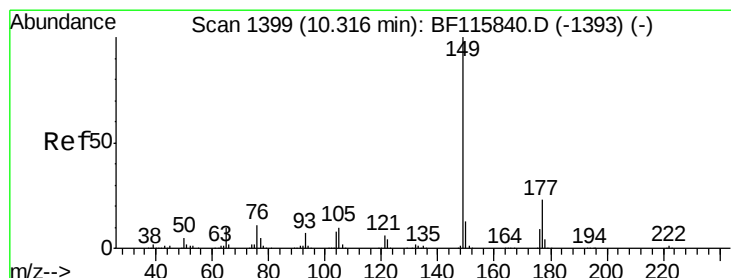
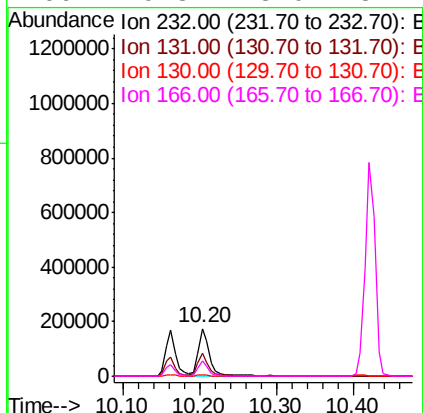
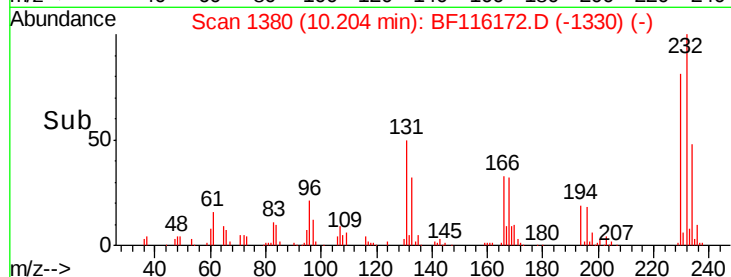
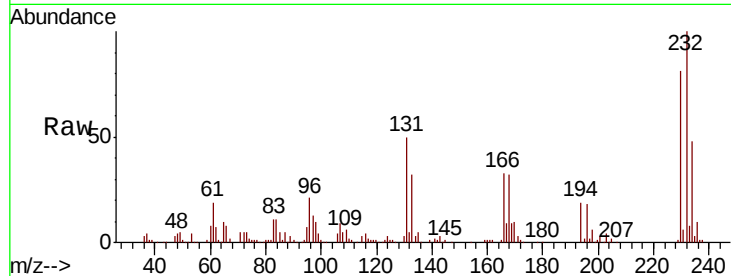




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.907 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

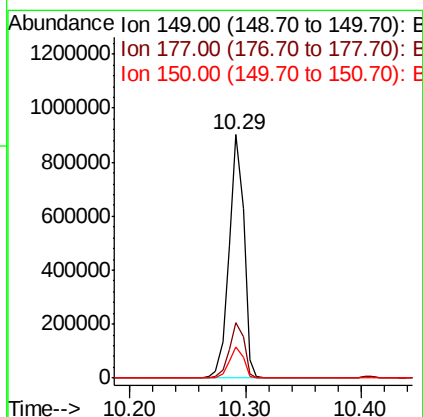
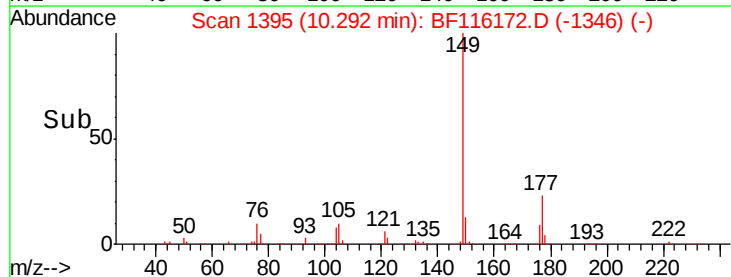
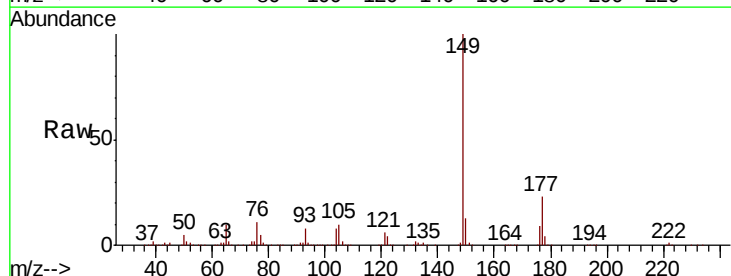
Instrument :
 BNA_F
 ClientSampled :

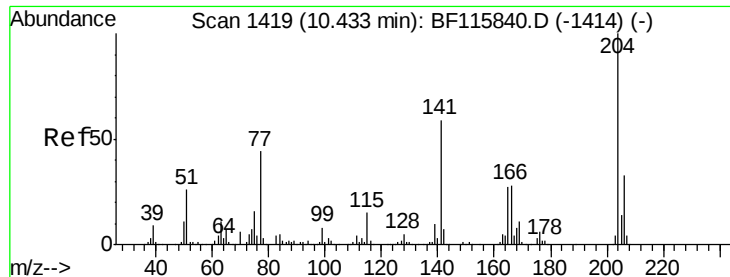
Tot Ion:	232	Resp:	180455
Ion	Ratio	Lower	Upper
232	100		
131	44.5	36.2	54.2
130	2.3	1.9	2.9
166	29.3	23.0	34.4



#60
 Diethylphthalate
 Concen: 49.078 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Tgt Ion:	149	Resp:	801238
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.8	28.2
150	12.6	10.2	15.4

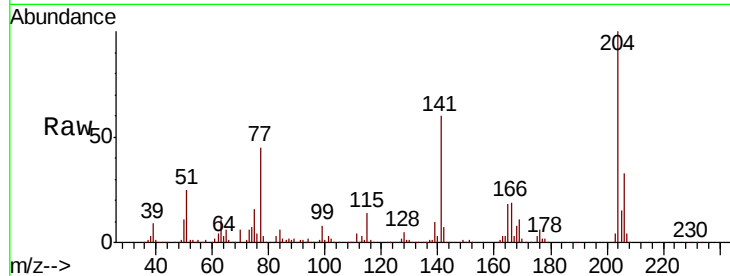




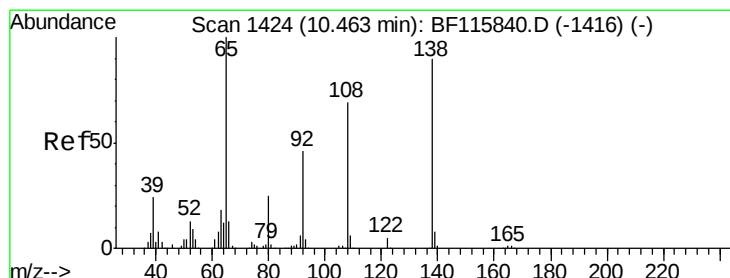
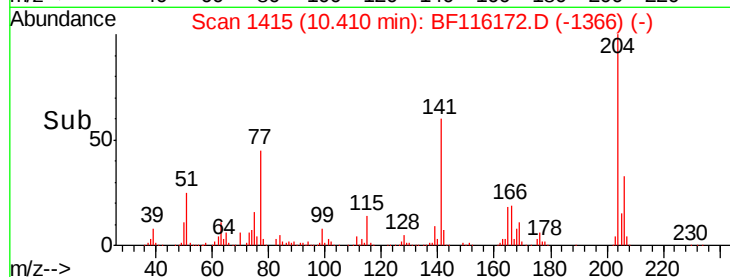
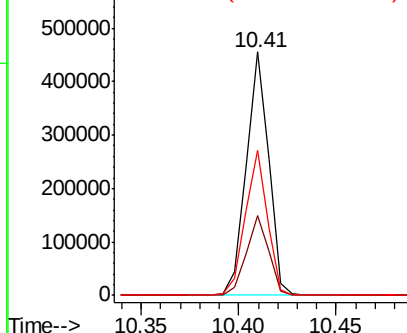
#61
 4-Chlorophenyl-phenylether
 Concen: 47.190 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 361164
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.4 39.6
 141 59.6 46.4 69.6

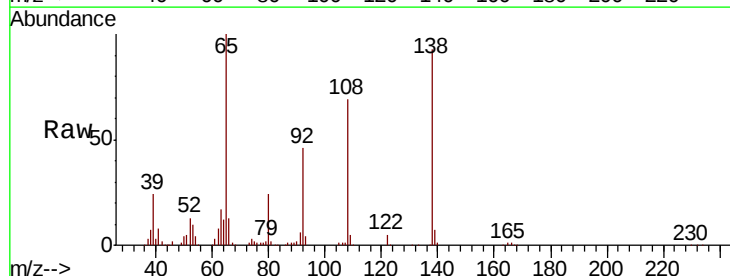


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

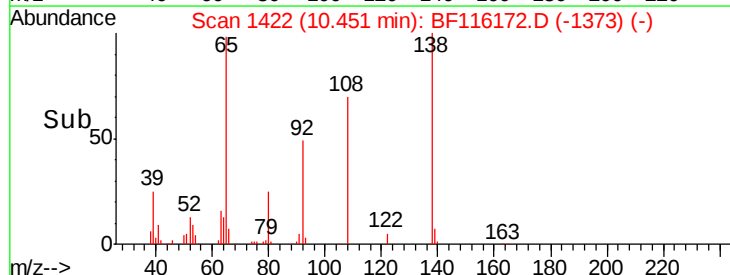
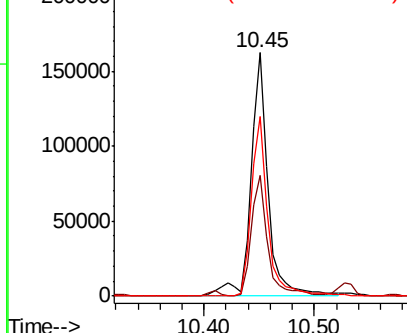


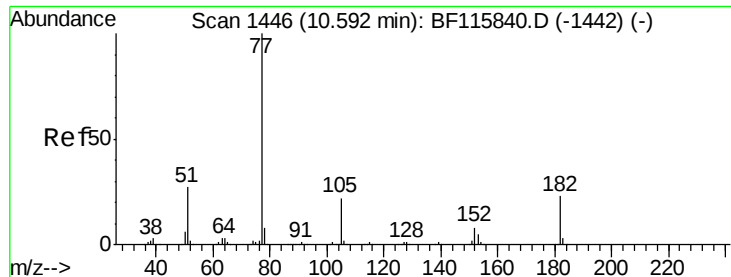
#62
 4-Nitroaniline
 Concen: 36.567 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Tgt Ion:138 Resp: 177441
 Ion Ratio Lower Upper
 138 100
 92 49.4 29.0 69.0
 108 74.0 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

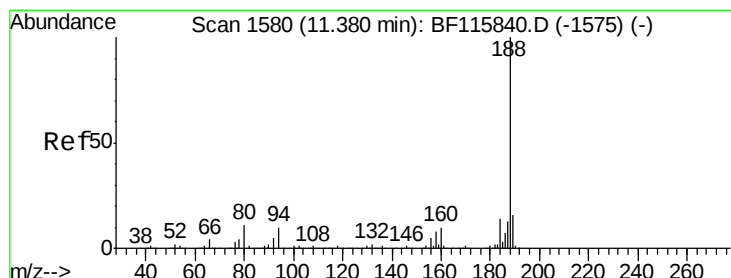
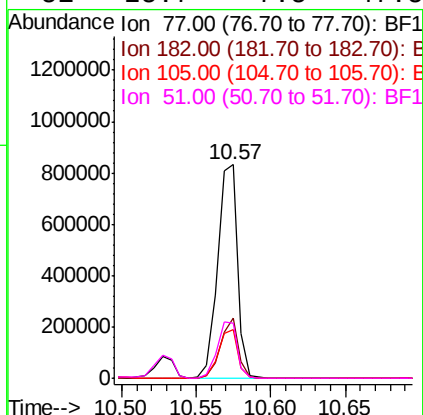
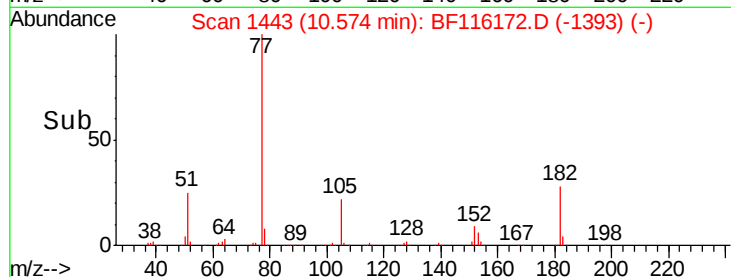
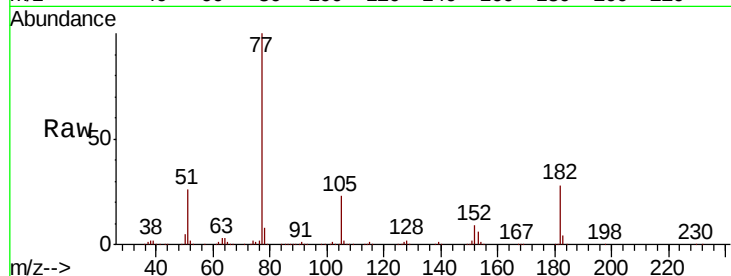




#63
Azobenzene
Concen: 46.465 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

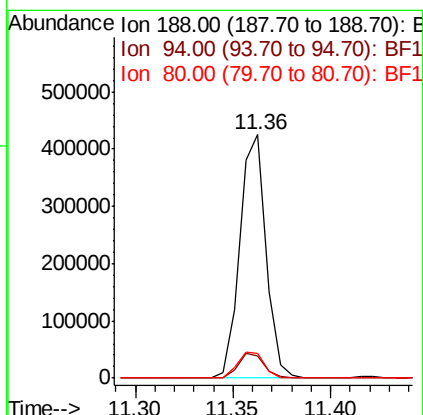
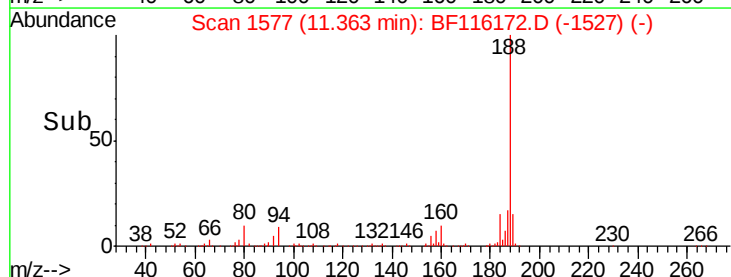
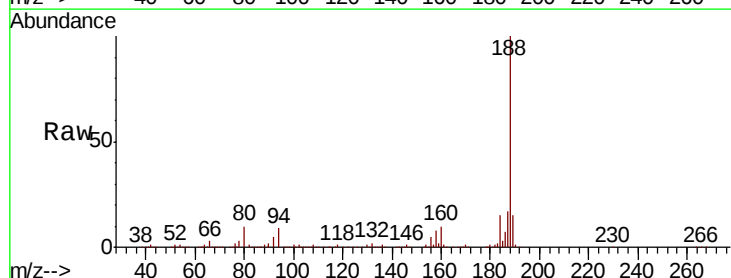
Instrument :
BNA_F
ClientSampleId :

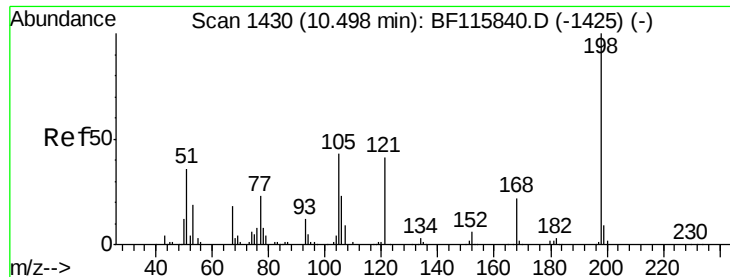
Tot Ion:	77	Resp:	780245
Ion	Ratio	Lower	Upper
77	100		
182	28.0	4.0	44.0
105	23.1	2.0	42.0
51	25.7	7.5	47.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:	188	Resp:	395275
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.1	12.1
80	9.9	8.7	13.1

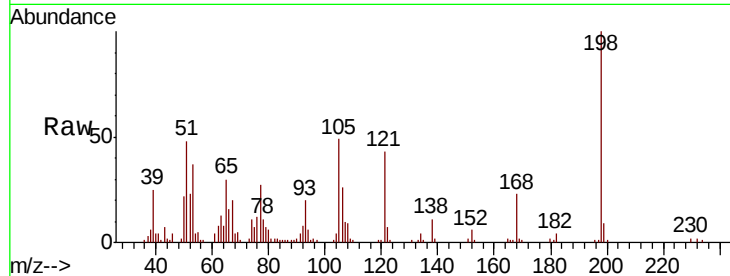




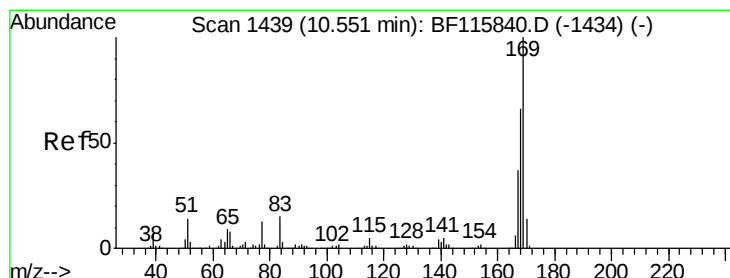
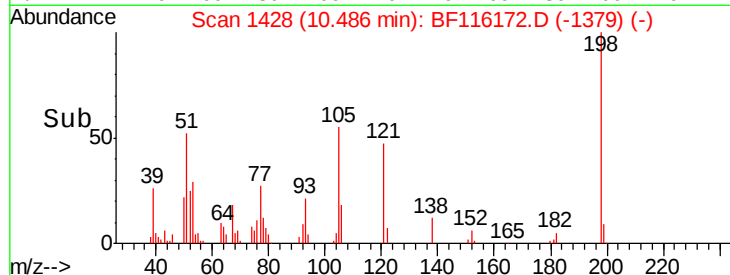
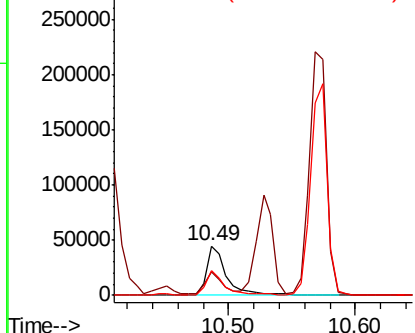
#65
4,6-Dinitro-2-methylphenol
Concen: 23.781 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 49814
Ion Ratio Lower Upper
198 100
51 47.8 17.0 57.0
105 49.3 21.6 61.6

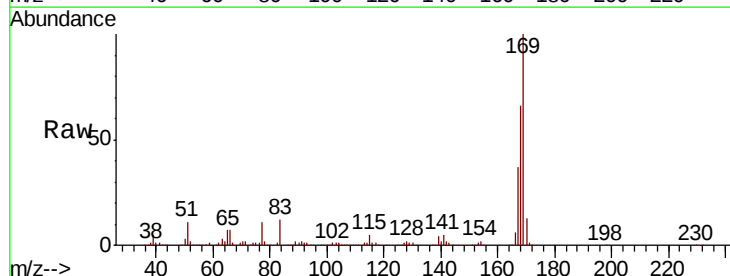


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

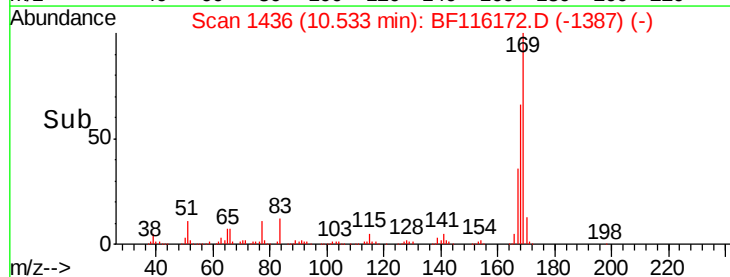
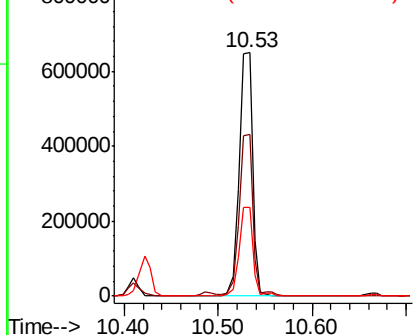


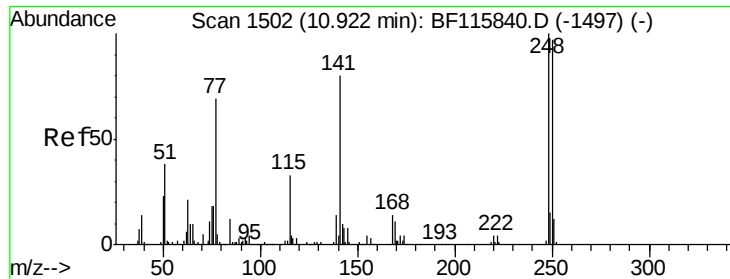
#66
n-Nitrosodiphenylamine
Concen: 53.766 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:169 Resp: 639669
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 36.5 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

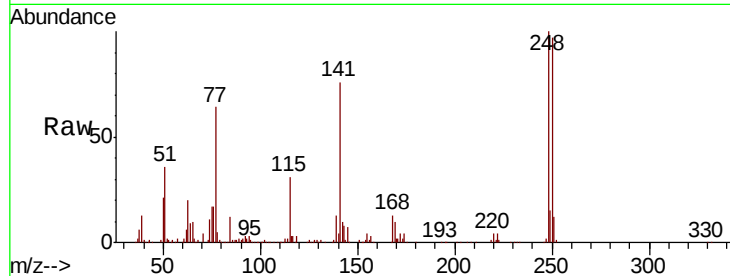




#67
4-Bromophenyl-phenylether
Concen: 51.318 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.2
141	76.5	56.8	85.2

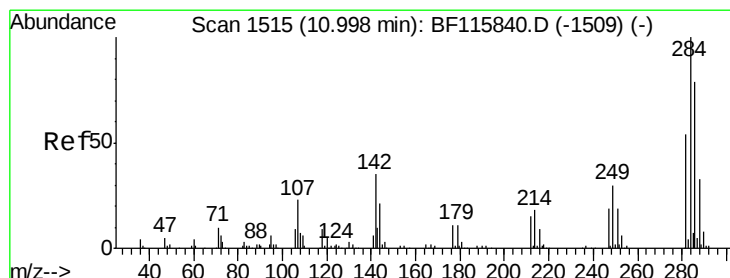
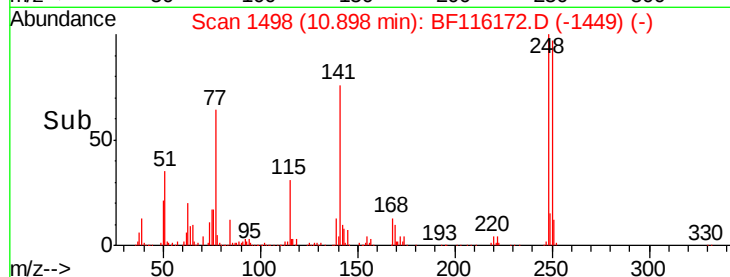
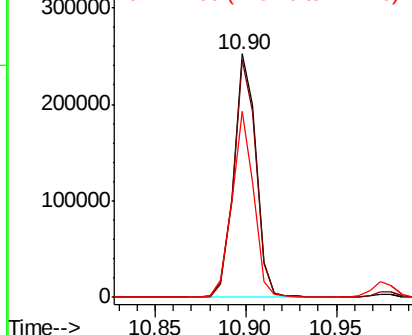


Abundance

Ion 248.00 (247.70 to 248.70): E

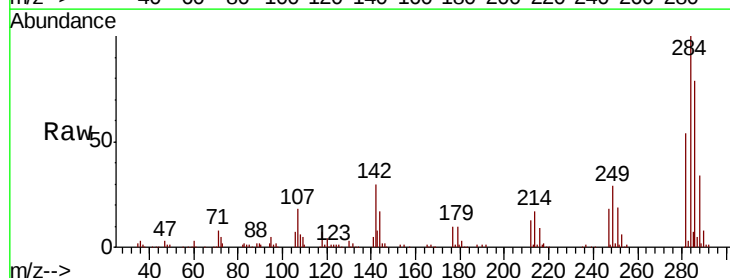
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.523 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	28.4	42.6
249	28.9	24.5	36.7

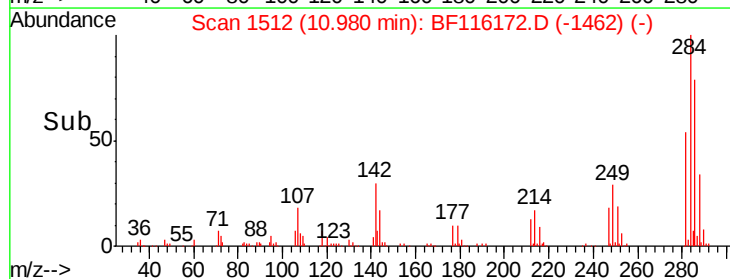
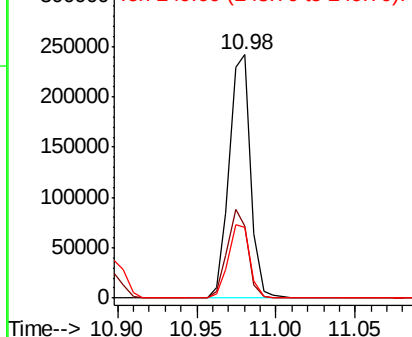


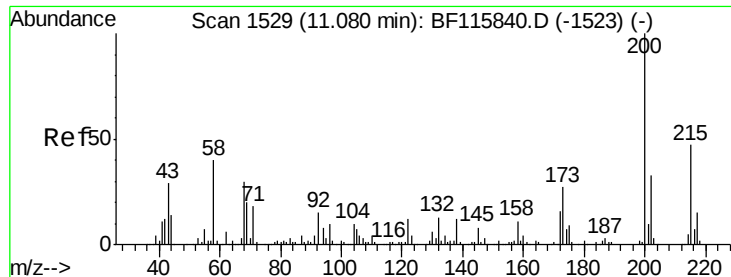
Abundance

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

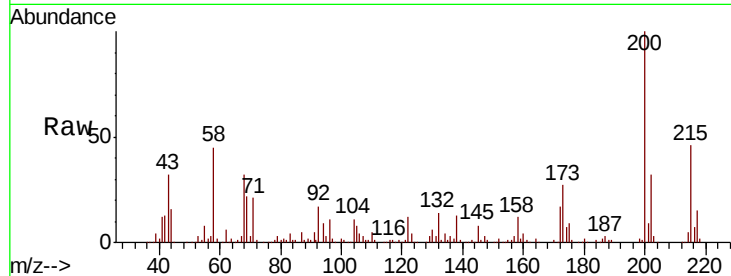




#69
 Atrazine
 Concen: 51.794 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.8	46.8
215	46.4	27.5	67.5

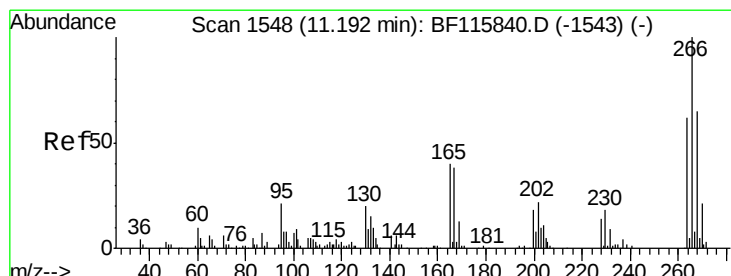
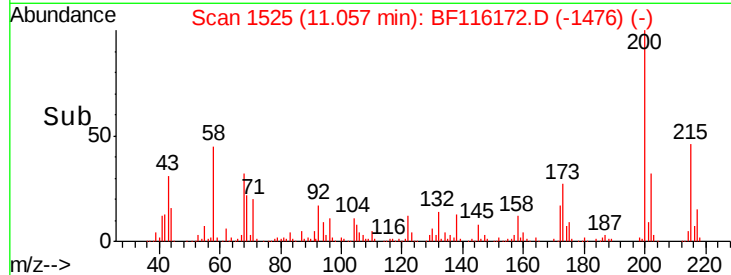
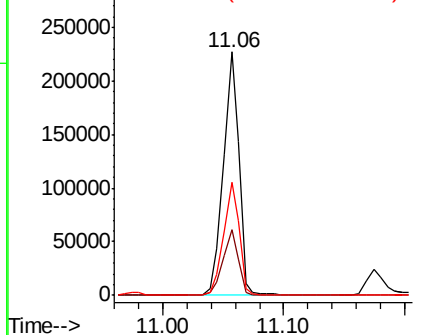


Abundance

Ion 200.00 (199.70 to 200.70): E

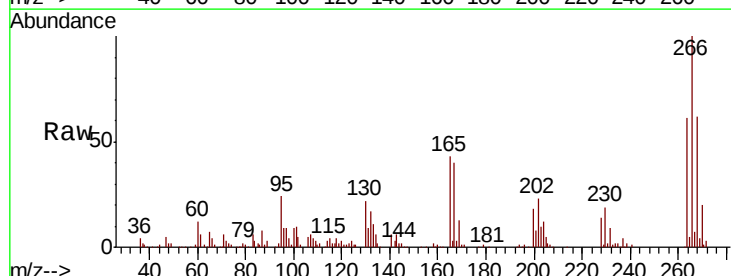
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 72.108 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	48.8	73.2
264	60.7	50.6	76.0

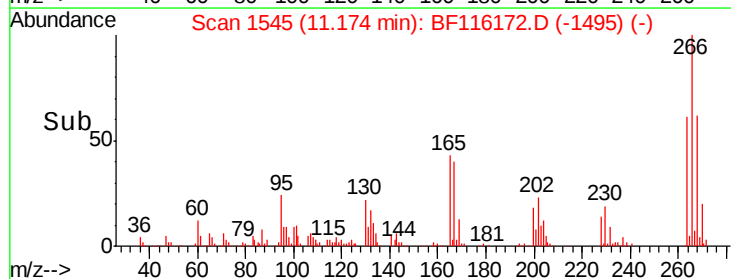
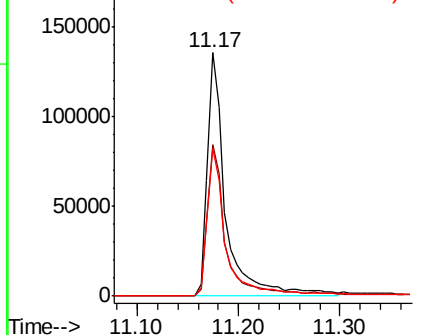


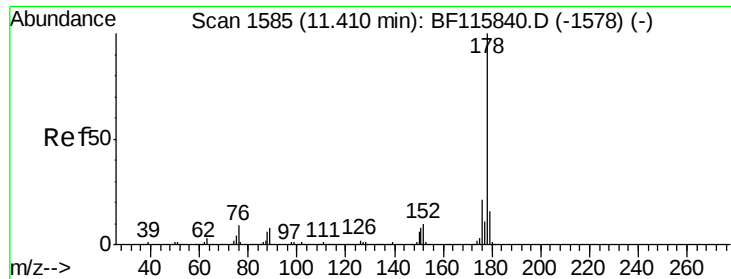
Abundance

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

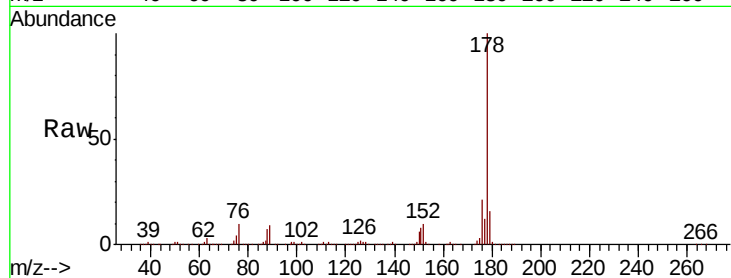




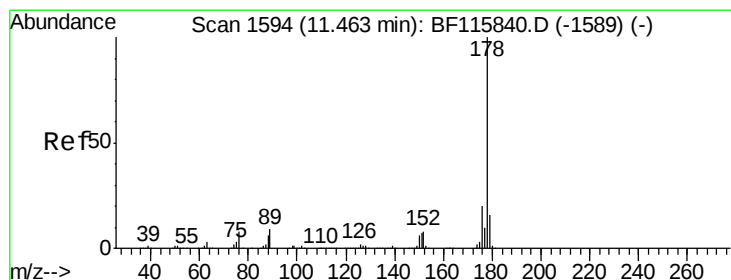
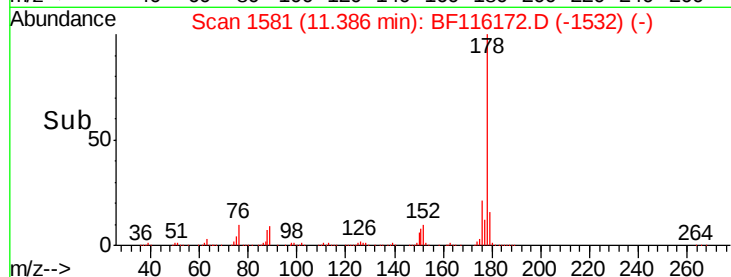
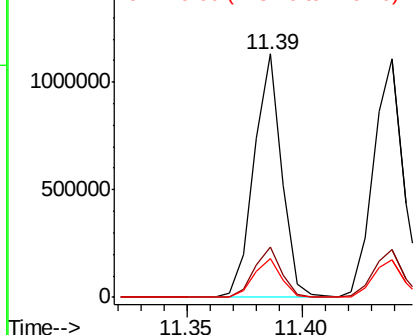
#71
Phenanthrene
Concen: 46.985 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 949437
Ion Ratio Lower Upper
178 100
176 20.6 16.6 24.8
179 15.9 12.5 18.7

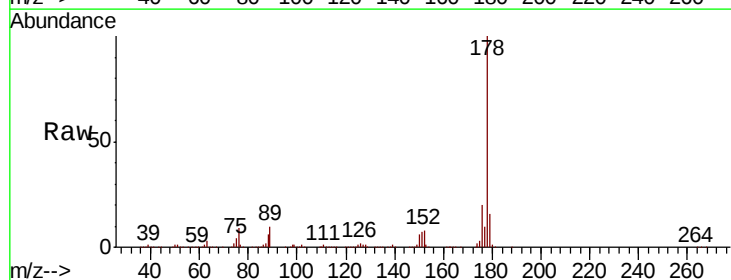


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

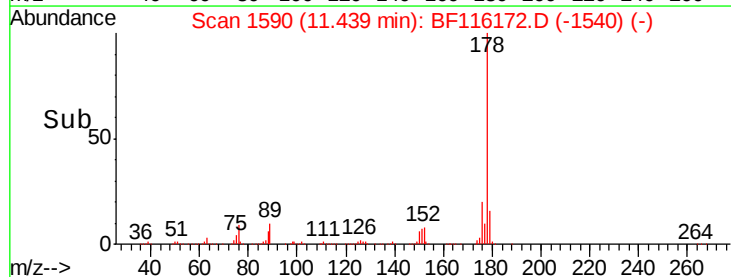
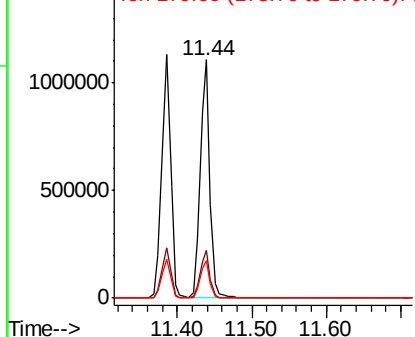


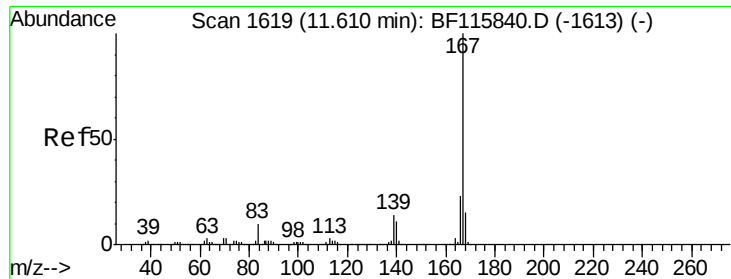
#72
Anthracene
Concen: 49.224 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:178 Resp: 1006667
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 15.7 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: 47.831 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampleId :

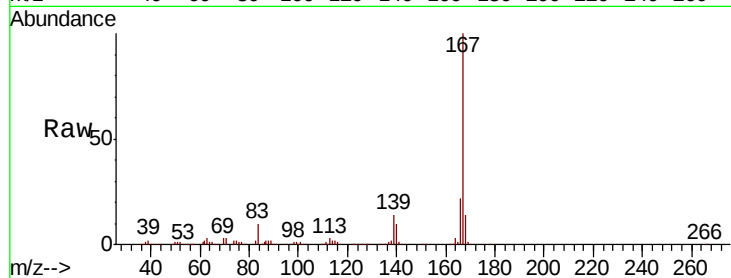
Tot Ion:167 Resp: 887439

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

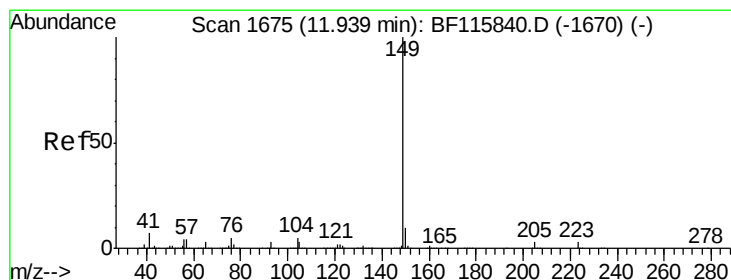
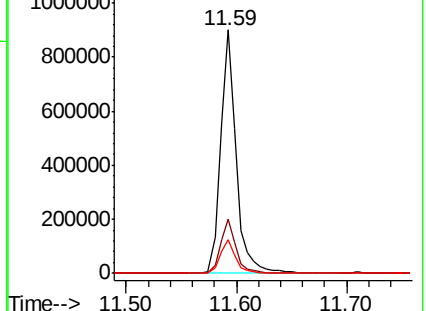
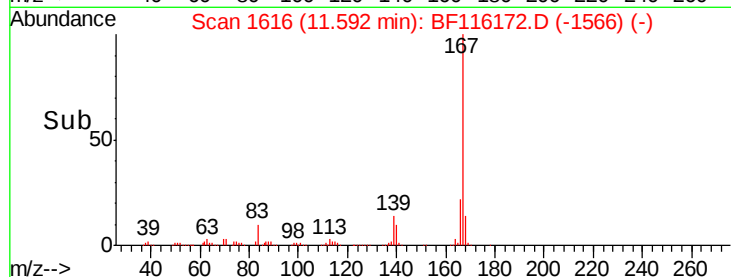
139 13.7 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 54.532 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

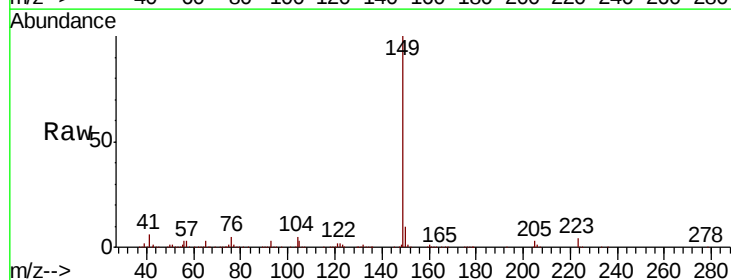
Tgt Ion:149 Resp: 1180289

Ion Ratio Lower Upper

149 100

150 9.6 8.0 12.0

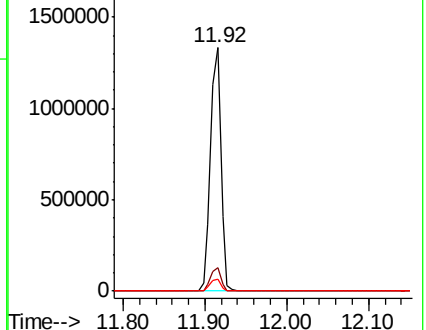
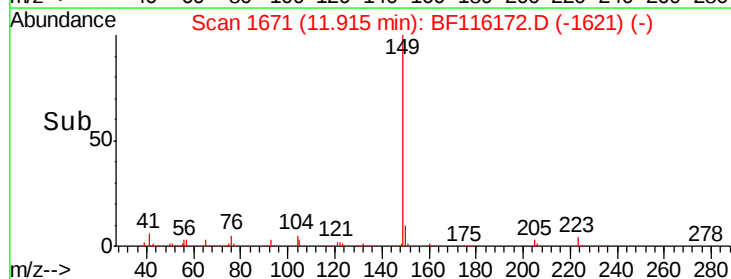
104 5.1 4.5 6.7

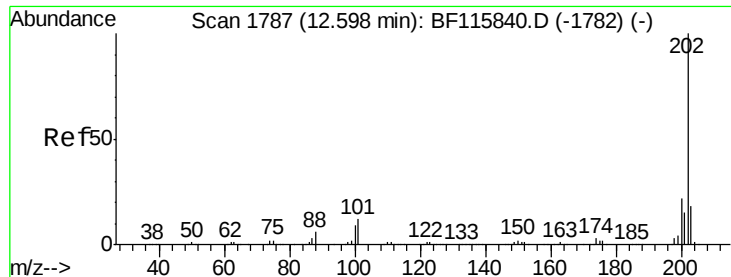


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.740 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampled :

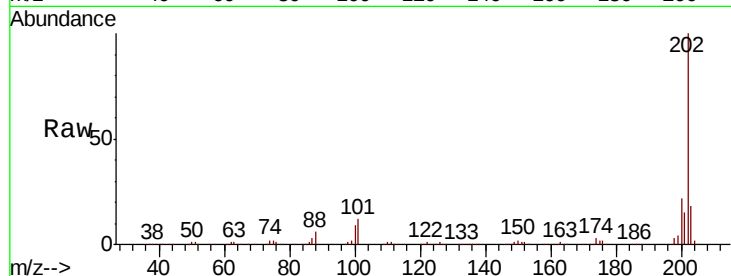
Tot Ion:202 Resp: 925316

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.2

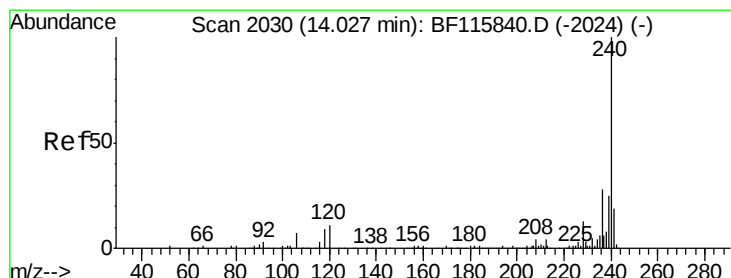
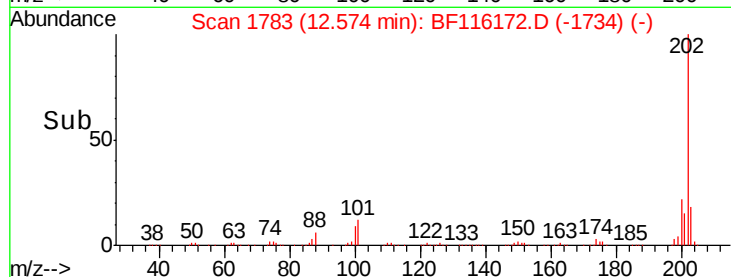
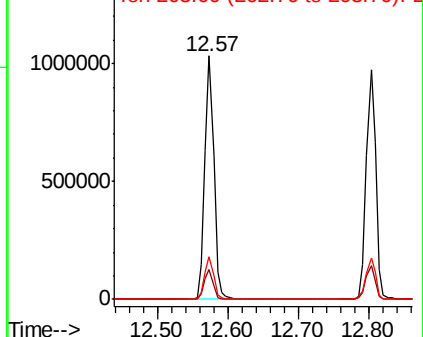
203 17.7 0.0 37.8



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: BF116172.D

Acq: 11 Aug 2019 3:38

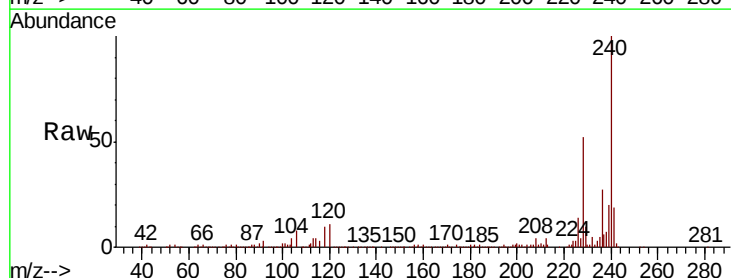
Tgt Ion:240 Resp: 260478

Ion Ratio Lower Upper

240 100

120 11.3 10.7 16.1

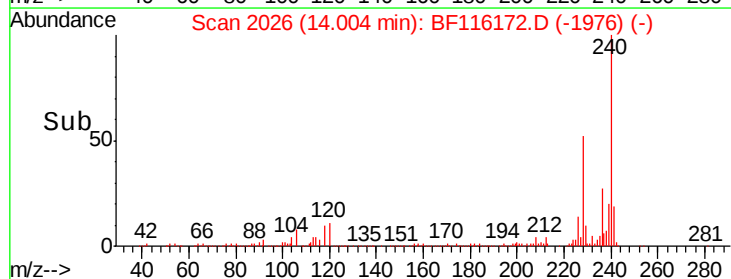
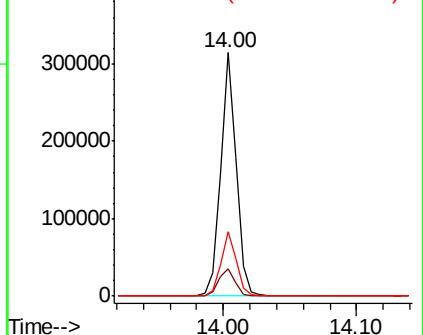
236 26.7 22.2 33.2

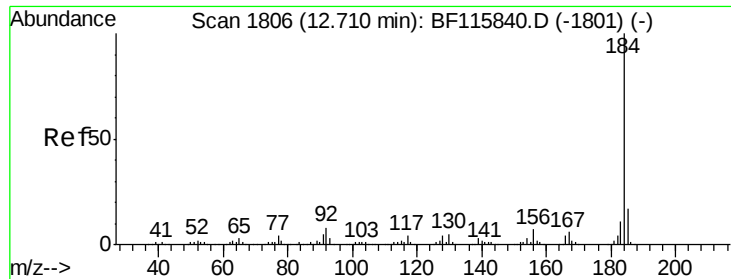


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

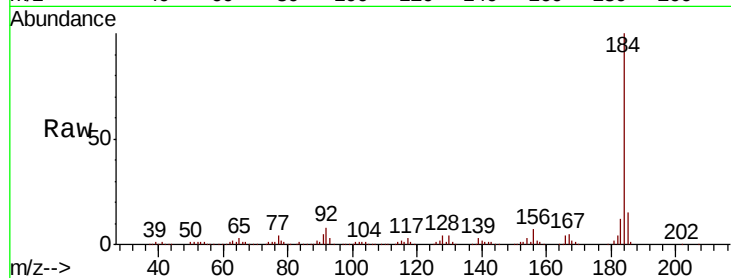




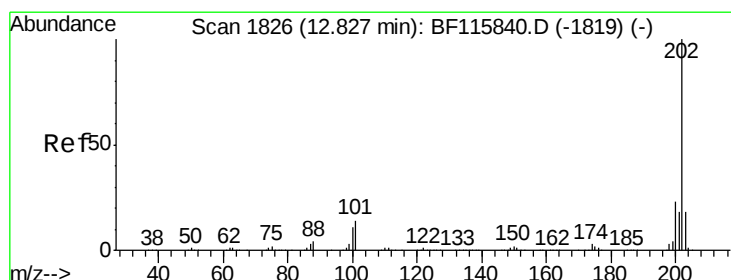
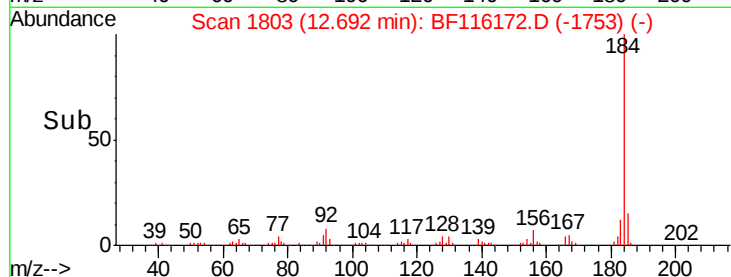
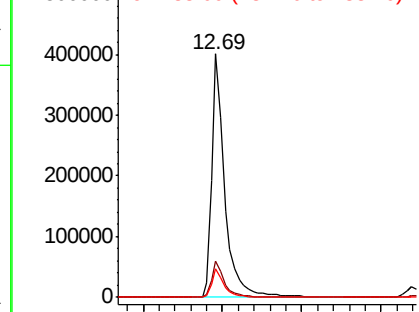
#77
Benzidine
Concen: 52.483 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 461851
Ion Ratio Lower Upper
184 100
185 14.7 12.8 19.2
183 11.8 9.4 14.0

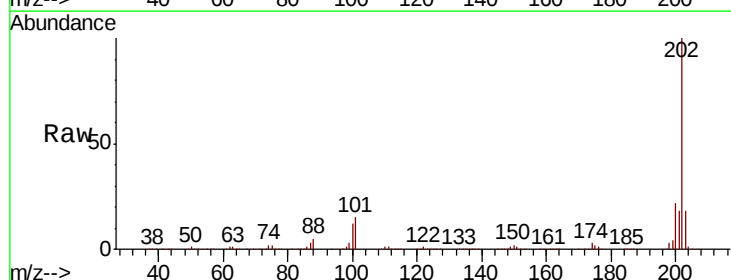


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

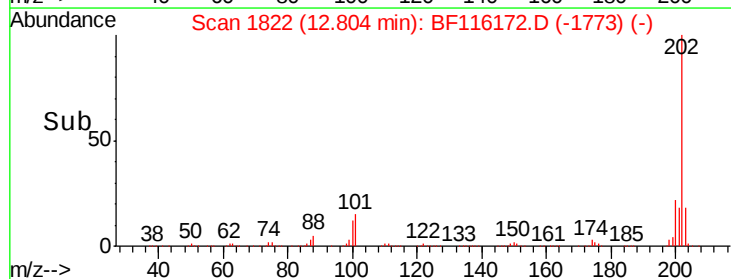
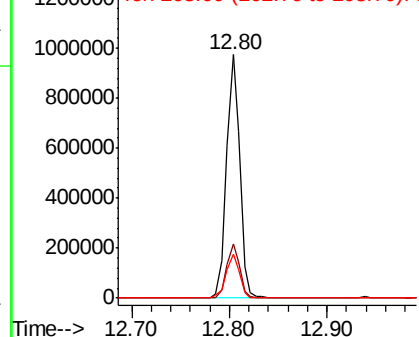


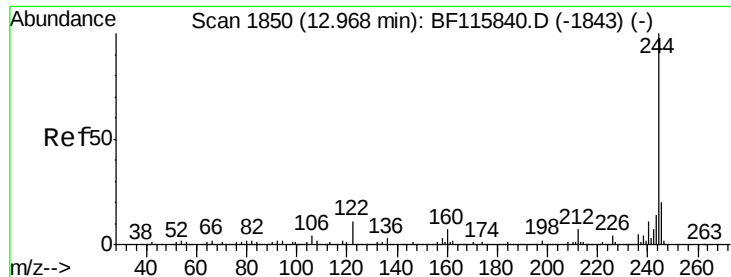
#78
Pyrene
Concen: 46.689 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:202 Resp: 916746
Ion Ratio Lower Upper
202 100
200 22.4 18.0 27.0
203 17.9 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: 100.751 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampleId :

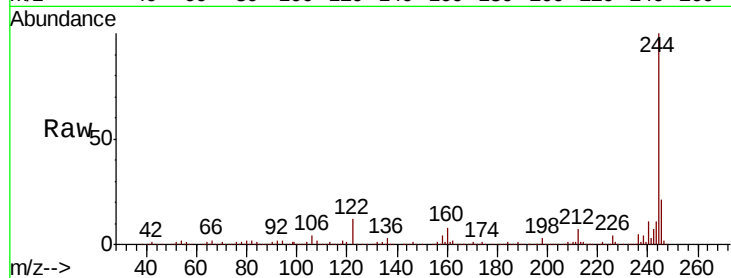
Tot Ion:244 Resp: 1245431

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.4	9.0	13.4

244 100

212 7.2 5.8 8.8

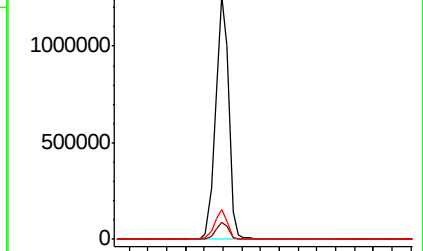
122 12.4 9.0 13.4



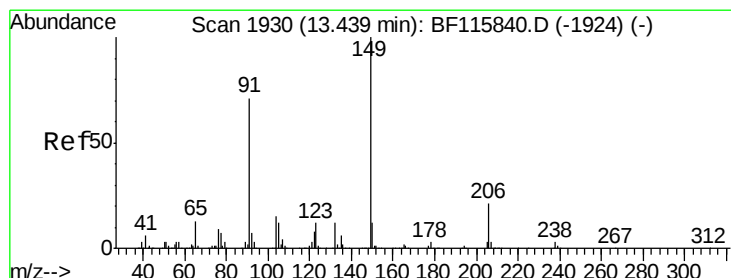
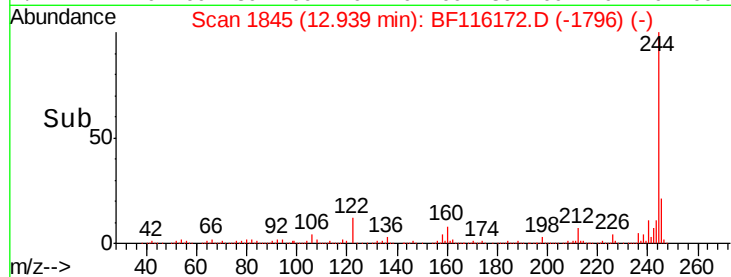
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 52.187 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

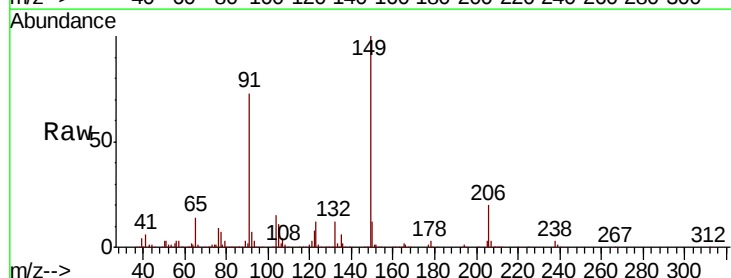
Tgt Ion:149 Resp: 433450

Ion	Ratio	Lower	Upper
149	100		
91	73.2	56.3	84.5
206	20.5	18.0	27.0

149 100

91 73.2 56.3 84.5

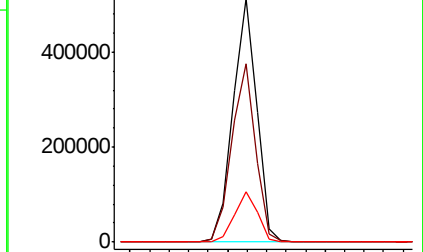
206 20.5 18.0 27.0



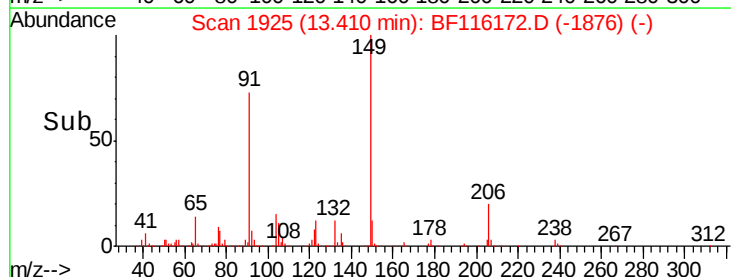
Abundance Ion 149.00 (148.70 to 149.70): E

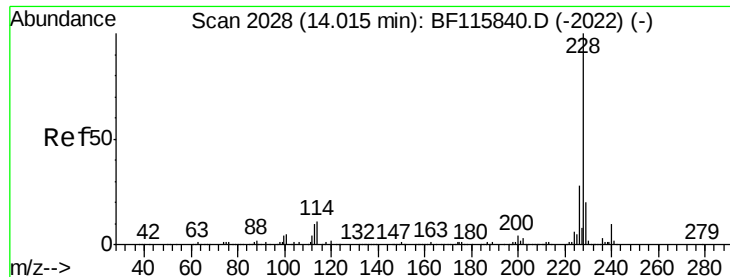
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 46.820 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampleId :

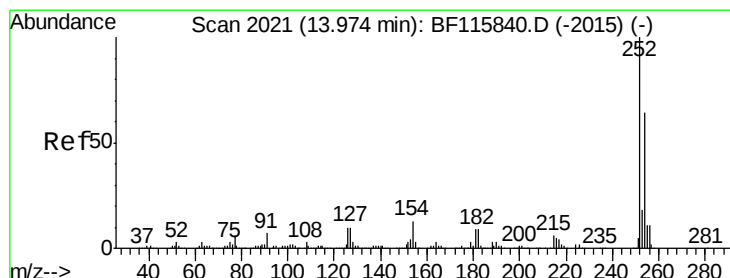
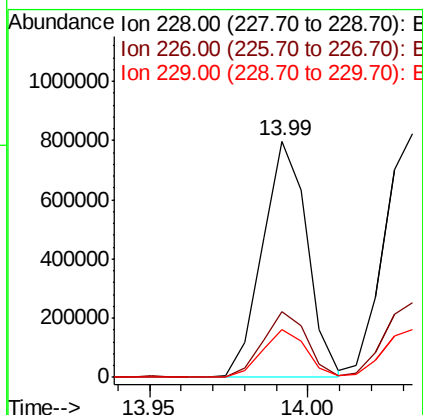
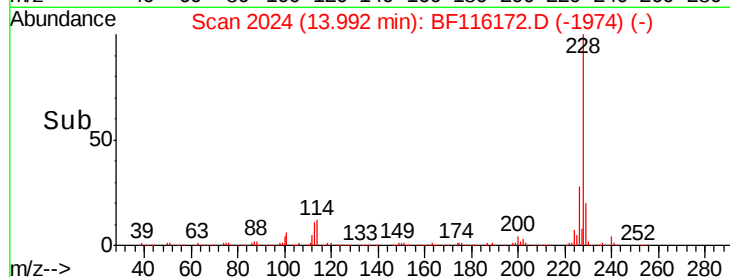
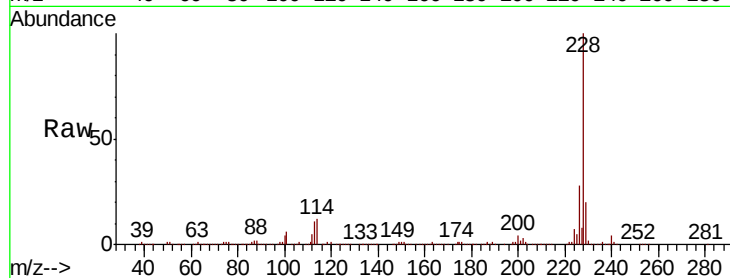
Tot Ion:228 Resp: 779502

Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

229 20.0 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 39.175 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

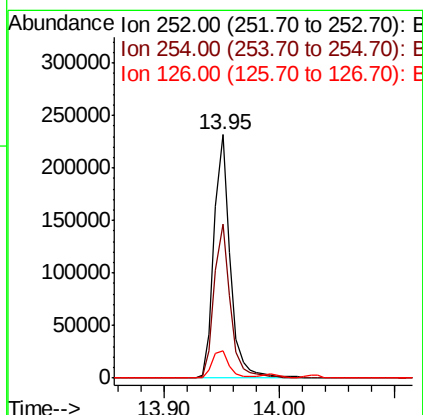
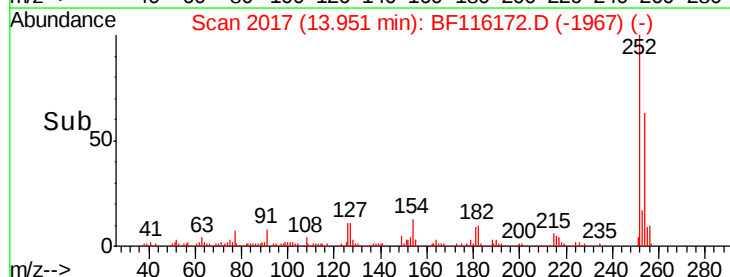
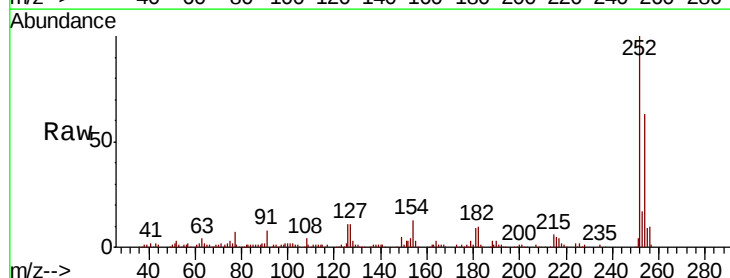
Tgt Ion:252 Resp: 226595

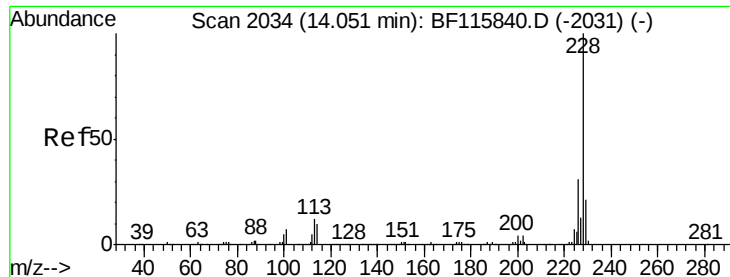
Ion Ratio Lower Upper

252 100

254 63.4 50.9 76.3

126 11.1 9.8 14.8

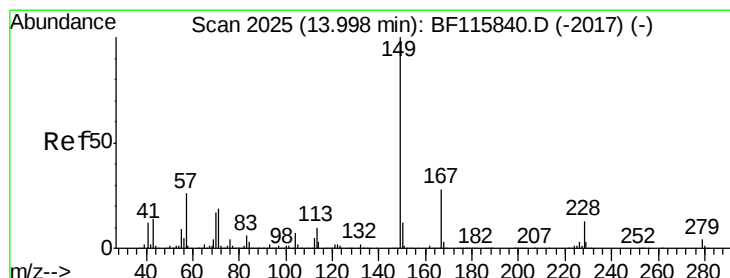
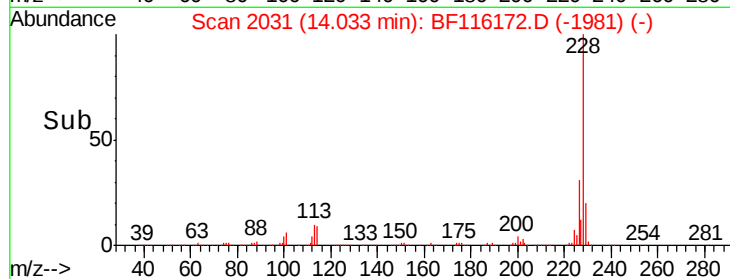
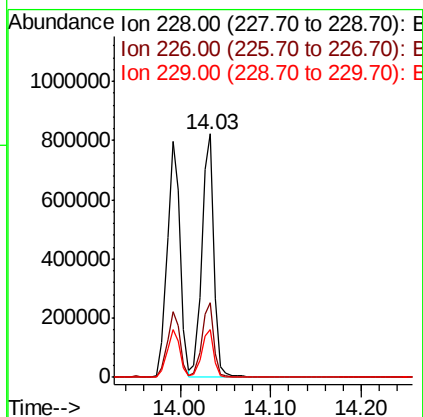
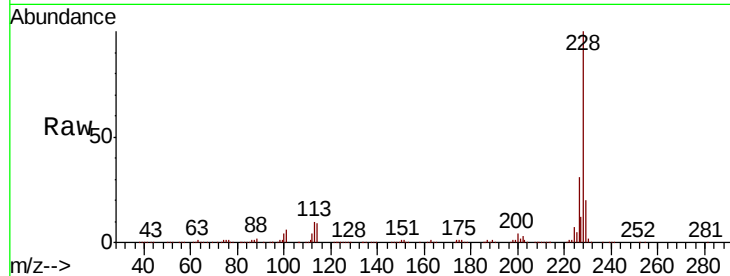




#83
 Chrvsene
 Concen: 47.569 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

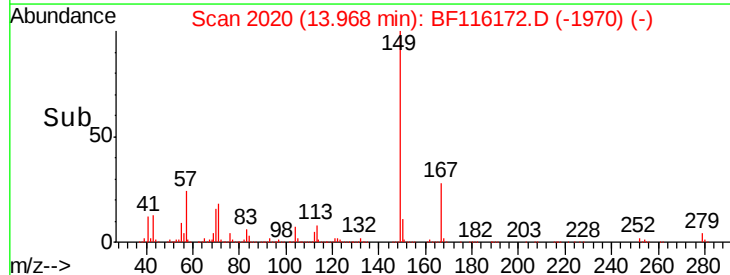
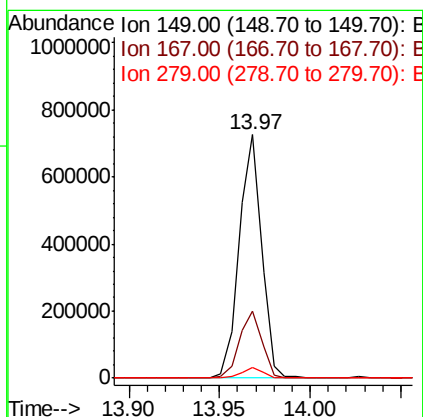
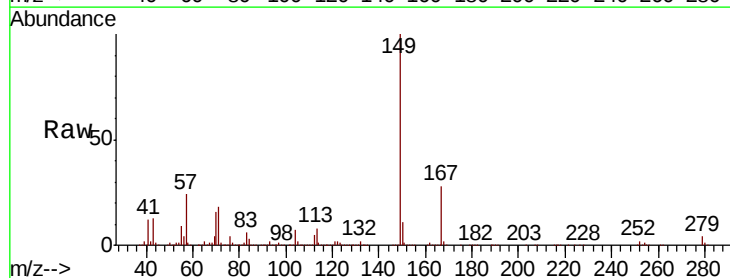
Instrument :
 BNA_F
 ClientSampleId :

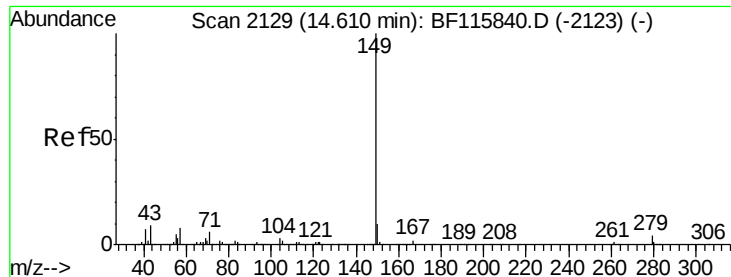
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.5	38.3
229	19.5	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.700 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116172.D
 Acq: 11 Aug 2019 3:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.6	32.4
279	4.3	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 58.757 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

Instrument :

BNA_F

ClientSampled :

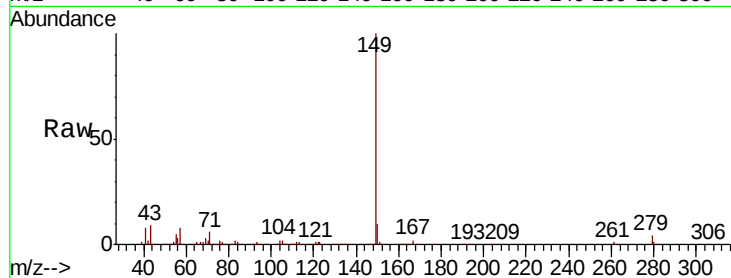
Tot Ion:149 Resp: 1007305

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

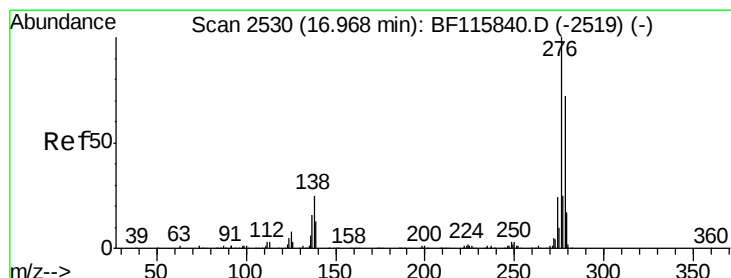
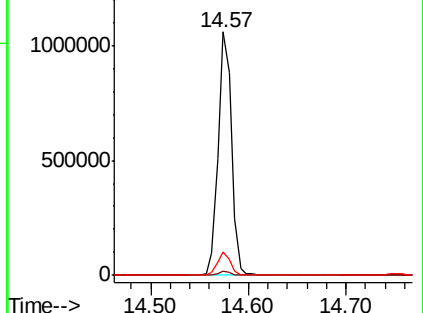
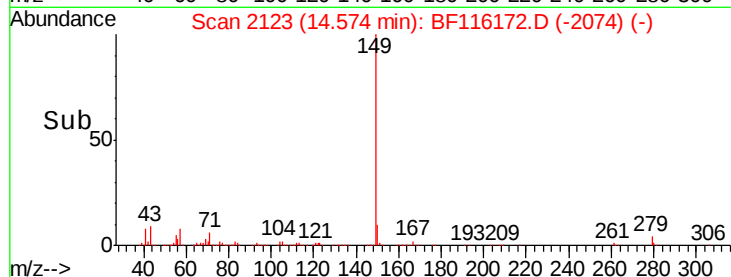
43 8.9 7.5 11.3



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: 53.171 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BF116172.D

Acq: 11 Aug 2019 3:38

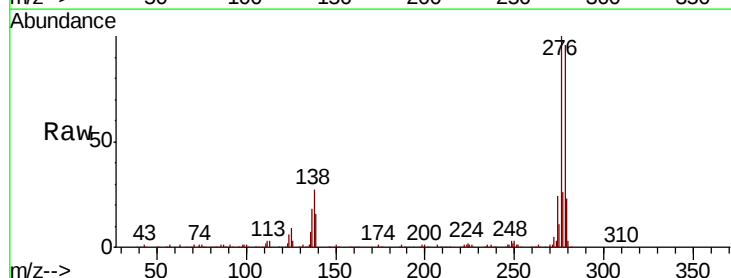
Tgt Ion:276 Resp: 721822

Ion Ratio Lower Upper

276 100

138 25.9 20.4 30.6

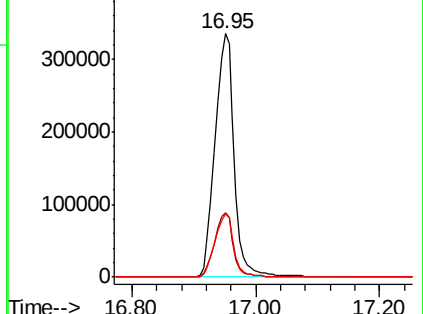
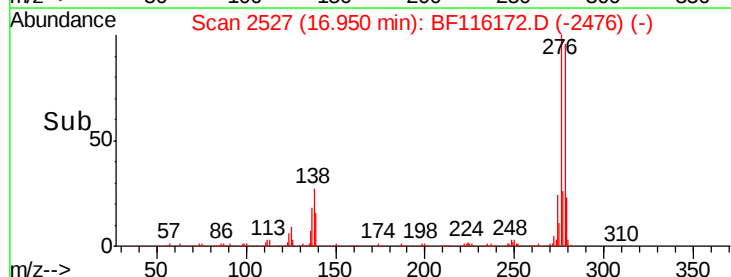
277 25.8 20.0 30.0

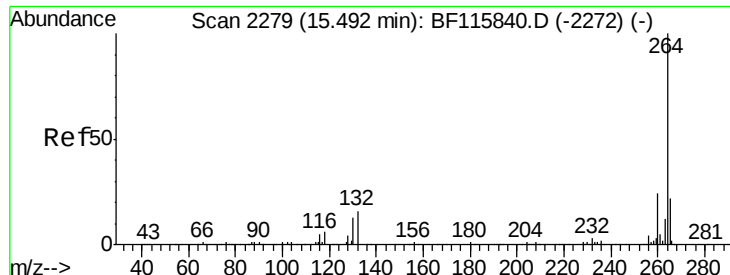


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

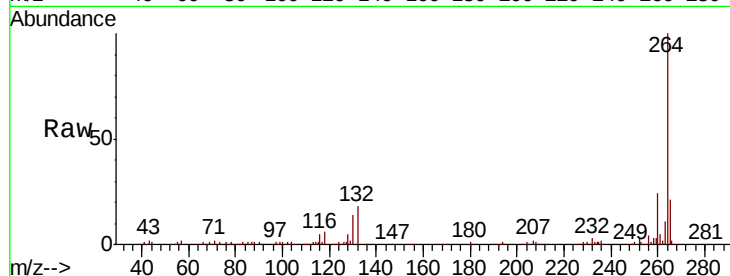




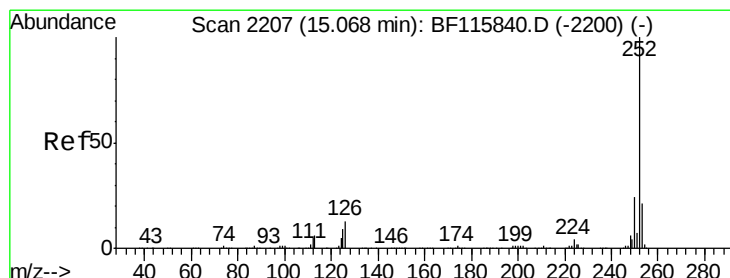
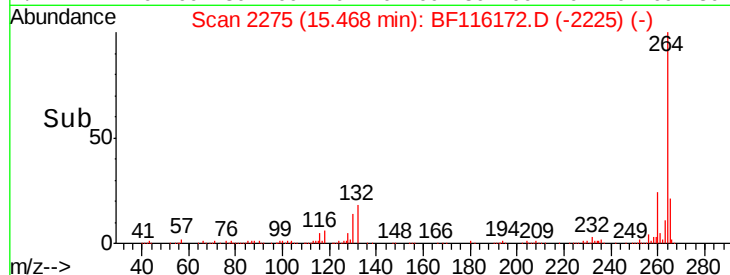
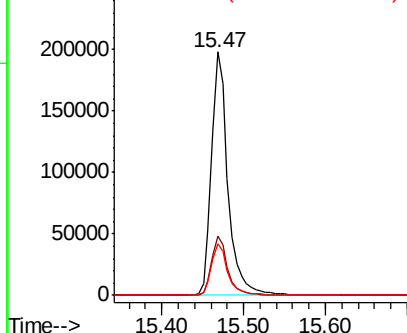
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 278224
Ion Ratio Lower Upper
264 100
260 24.2 19.7 29.5
265 21.0 17.4 26.0

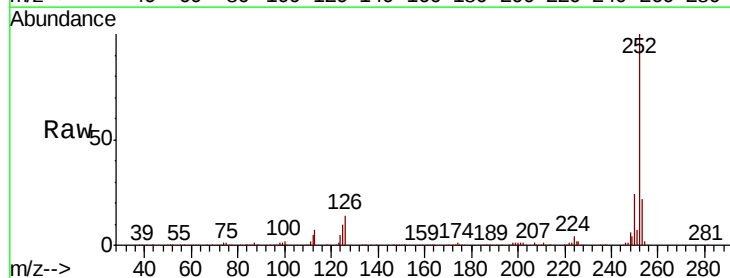


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

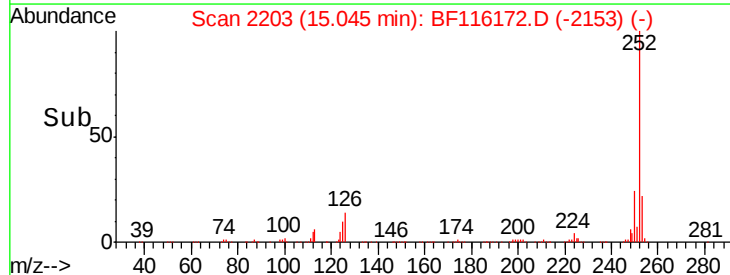
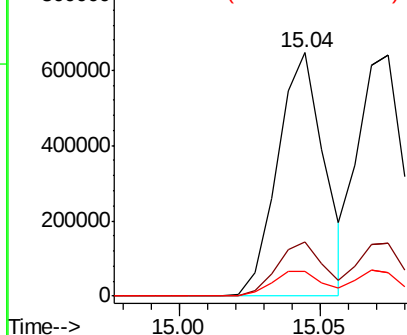


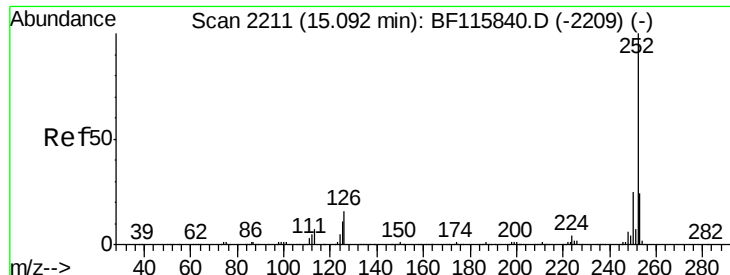
#88
Benzo(b)fluoranthene
Concen: 46.167 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:252 Resp: 742693
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.3 8.4 12.6



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

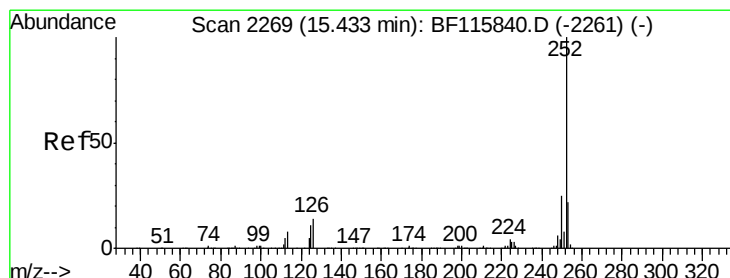
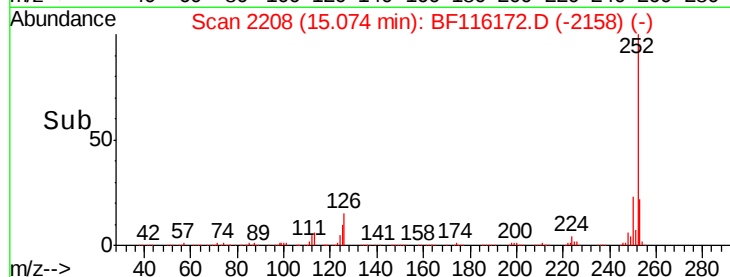
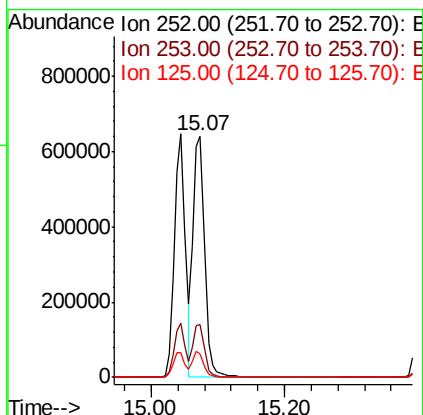
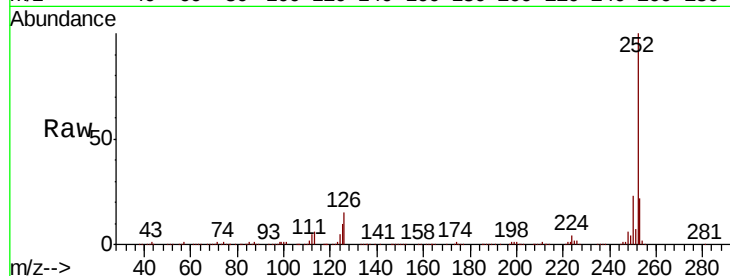




#89
Benzo(k)fluoranthene
Concen: 47.390 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

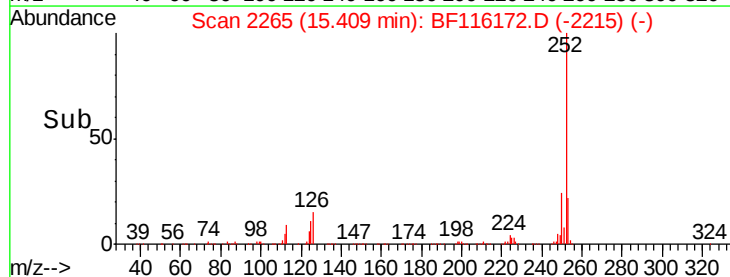
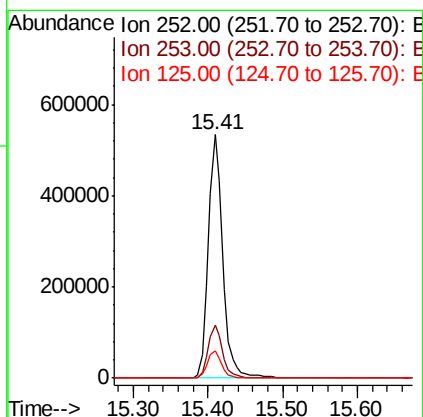
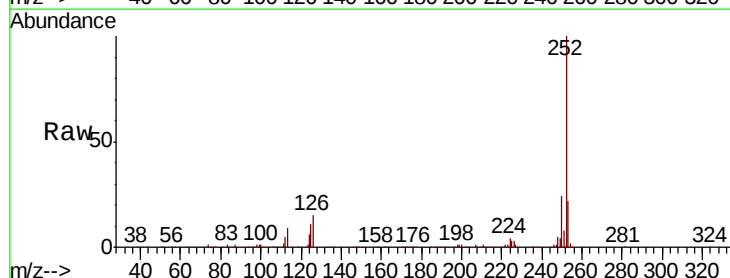
Instrument :
BNA_F
ClientSampleId :

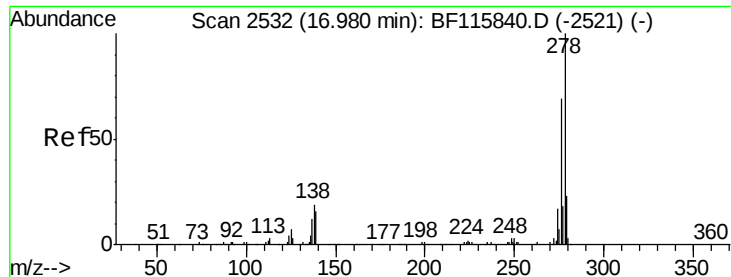
Tot Ion:252 Resp: 742554
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 49.953 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:252 Resp: 718362
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 11.4 8.9 13.3

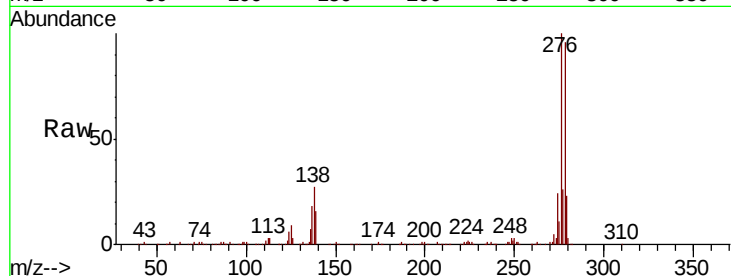




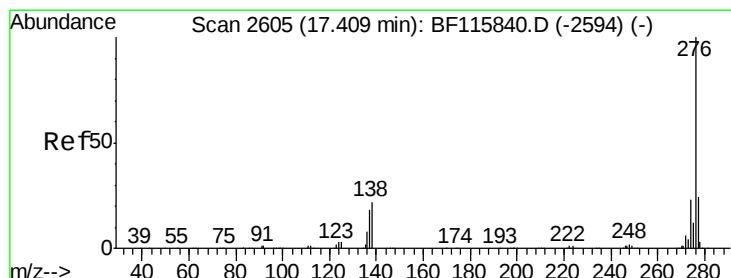
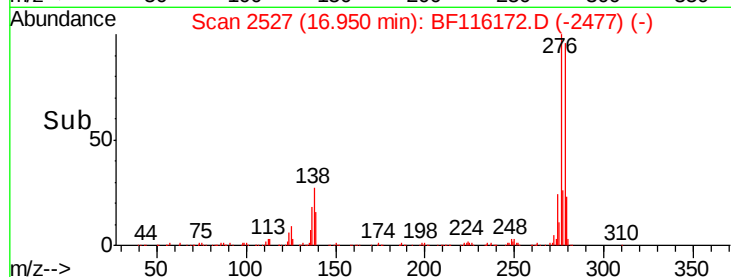
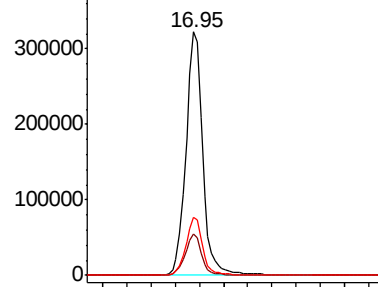
#91
Dibenzo(a,h)anthracene
Concen: 49.784 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 619710
Ion Ratio Lower Upper
278 100
139 16.9 12.8 19.2
279 24.0 18.8 28.2

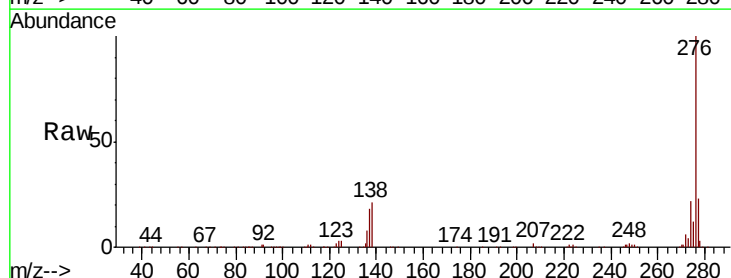


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.935 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.01 min
Lab File: BF116172.D
Acq: 11 Aug 2019 3:38

Tgt Ion:276 Resp: 586016
Ion Ratio Lower Upper
276 100
277 22.7 18.4 27.6
138 21.5 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

