

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081419\
 Data File : BF116260.D
 Acq On : 14 Aug 2019 13:30
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 14 16:31:14 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	6.83	152	168948	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	710087	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	378214	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	649459	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	359158	20.00	ng	-0.02
87) Perylene-d12	15.45	264	384184	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	844003	83.63	ng	-0.02
7) Phenol-d6	6.47	99	1060179	83.26	ng	-0.01
23) Nitrobenzene-d5	7.40	82	995662	80.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	303306	82.71	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1593567	78.92	ng	-0.02
79) Terphenyl-d14	12.93	244	1734152	101.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	192658	37.788	ng	99
3) Pyridine	3.32	79	466880	32.782	ng	99
4) n-Nitrosodimethylamine	3.26	42	144147	25.647	ng	# 98
6) Aniline	6.49	93	686291	37.636	ng	# 81
8) 2-Chlorophenol	6.62	128	479038	42.925	ng	96
9) Benzaldehyde	6.38	77	334612	38.087	ng	99
10) Phenol	6.49	94	606369	40.440	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	499809	45.338	ng	99
12) 1,3-Dichlorobenzene	6.77	146	542004	42.024	ng	99
13) 1,4-Dichlorobenzene	6.85	146	541696	41.947	ng	99
14) 1,2-Dichlorobenzene	7.00	146	491684	41.350	ng	99
15) Benzyl Alcohol	6.98	79	388576	40.213	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	636258	42.314	ng	92
17) 2-Methylphenol	7.09	107	404538	42.810	ng	98
18) Hexachloroethane	7.33	117	206038	43.335	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	332884	42.189	ng	98
20) 3+4-Methylphenols	7.25	107	469651	41.999	ng	98
22) Acetophenone	7.24	105	628186	40.338	ng	99
24) Nitrobenzene	7.42	77	544869	41.020	ng	98
25) Isophorone	7.66	82	1021363	43.421	ng	100
26) 2-Nitrophenol	7.73	139	277111	44.258	ng	99
27) 2,4-Dimethylphenol	7.77	122	388486	41.240	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	628674	43.120	ng	100
29) 2,4-Dichlorophenol	7.97	162	428062	43.037	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	471707	41.605	ng	100
31) Naphthalene	8.13	128	1387657	41.528	ng	100
32) Benzoic acid	7.95	122	319665	48.132	ng	97
33) 4-Chloroaniline	8.18	127	560096	37.514	ng	100
34) Hexachlorobutadiene	8.25	225	271946	41.642	ng	98
35) Caprolactam	8.57	113	98549	30.635	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	439358	42.461	ng	97
37) 2-Methylnaphthalene	8.82	142	897493	40.783	ng	99
38) 1-Methylnaphthalene	8.92	142	865516	41.573	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	423392	41.874	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	178913	42.419	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	276350	39.707	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	290596	40.393	ng	100
46) 1,1'-Biphenyl	9.29	154	1091579	40.880	ng	98
47) 2-Chloronaphthalene	9.31	162	902648	40.616	ng	99
48) 2-Nitroaniline	9.42	65	296407	40.351	ng	97
49) Acenaphthylene	9.73	152	1291945	39.847	ng	99
50) Dimethylphthalate	9.59	163	1080566	41.960	ng	100
51) 2,6-Dinitrotoluene	9.66	165	235027	41.996	ng	99
52) Acenaphthene	9.90	154	802219	40.331	ng	100
53) 3-Nitroaniline	9.83	138	271203	39.219	ng	99
54) 2,4-Dinitrophenol	9.95	184	99742	39.432	ng	99
55) Dibenzofuran	10.07	168	1101547	38.081	ng	97
56) 4-Nitrophenol	10.00	139	165447	37.349	ng	93
57) 2,4-Dinitrotoluene	10.06	165	275500	36.974	ng	90
58) Fluorene	10.42	166	893891	40.166	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	238330	39.376	ng	98
60) Diethylphthalate	10.28	149	1040018	43.257	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	458368	40.667	ng	96
62) 4-Nitroaniline	10.45	138	252058	35.271	ng	95
63) Azobenzene	10.56	77	1032549	41.754	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	160236	46.557	ng	92
66) n-Nitrosodiphenylamine	10.52	169	828065	42.360	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	300344	43.200	ng	97
68) Hexachlorobenzene	10.97	284	335190	41.693	ng	97
69) Atrazine	11.05	200	230115	35.783	ng	98
70) Pentachlorophenol	11.16	266	162725	41.691	ng	99
71) Phenanthrene	11.37	178	1339913	40.357	ng	99
72) Anthracene	11.43	178	1355270	40.333	ng	99
73) Carbazole	11.58	167	1240978	40.708	ng	99
74) Di-n-butylphthalate	11.90	149	1570036	44.149	ng	99
75) Fluoranthene	12.56	202	1383772	39.811	ng	97
77) Benzidine	12.68	184	497861	41.031	ng	98
78) Pyrene	12.79	202	1391162	51.384	ng	99
80) Butylbenzylphthalate	13.40	149	658562	57.504	ng	99
81) Benzo(a)anthracene	13.98	228	1055490	45.979	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	403227	50.559	ng	98
83) Chrysene	14.02	228	1100494	49.379	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	901036	60.544	ng	98
85) Di-n-octyl phthalate	14.56	149	1358147	57.455	ng	97
86) Indeno(1,2,3-cd)pyrene	16.93	276	915282	48.897	ng	99
88) Benzo(b)fluoranthene	15.03	252	726643	32.711	ng	98
89) Benzo(k)fluoranthene	15.06	252	927771	42.880	ng	99
90) Benzo(a)pyrene	15.39	252	612117	30.825	ng	# 98
91) Dibenzo(a,h)anthracene	16.93	278	763582	44.423	ng	99
92) Benzo(g,h,i)perylene	17.36	276	774216	45.863	ng	99

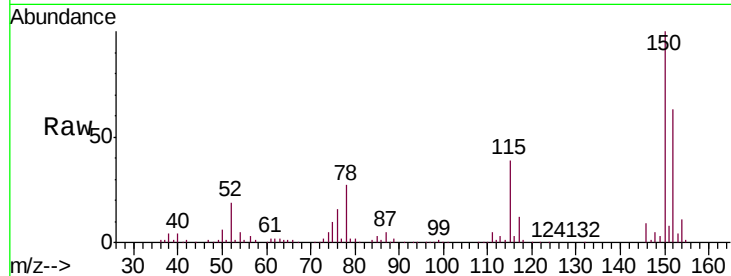
(#) = qualifier out of range (m) = manual integration (+) = signals summed



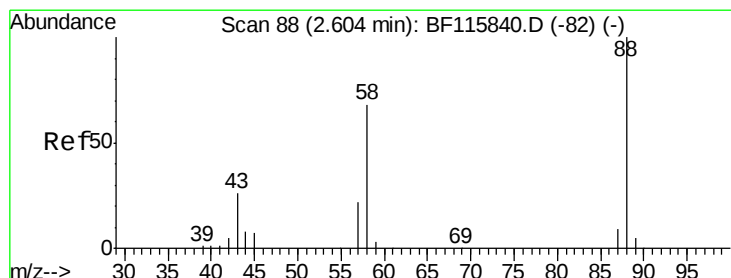
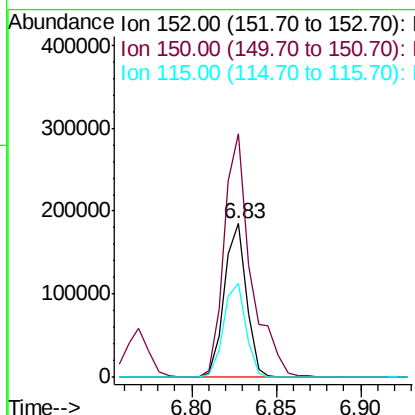
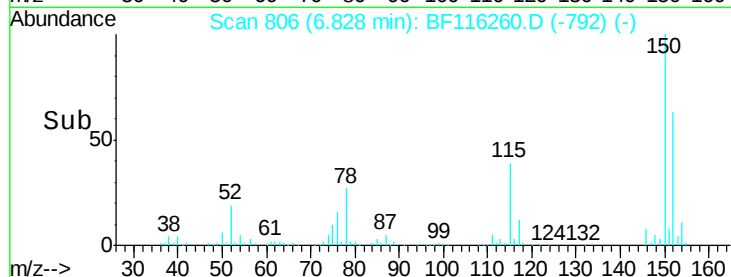
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
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 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	61.1	49.9	74.9

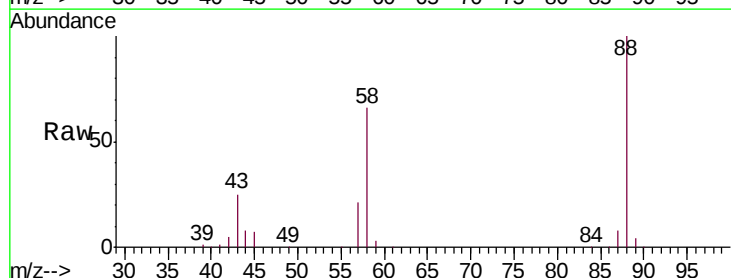


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

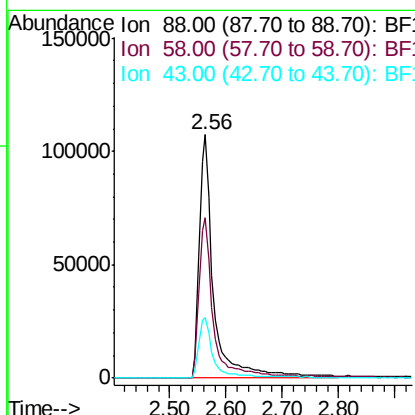
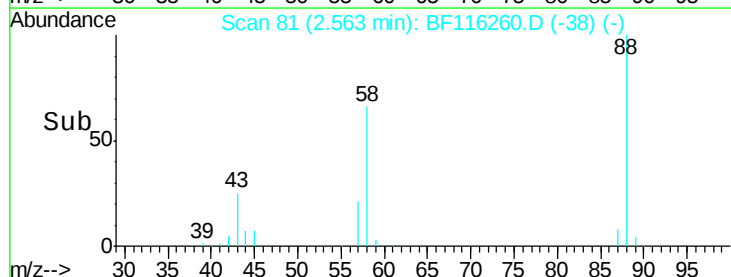


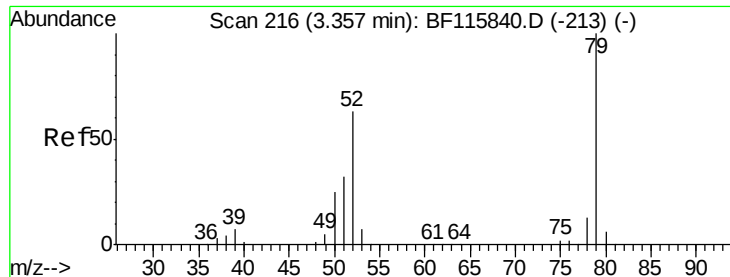
#2
 1,4-Dioxane
 Concen: 37.788 ng
 RT: 2.56 min Scan# 81
 Delta R.T. -0.05 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	53.7	80.5
43	25.9	21.0	31.4



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





#3

Pyridine

Concen: 32.782 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.04 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

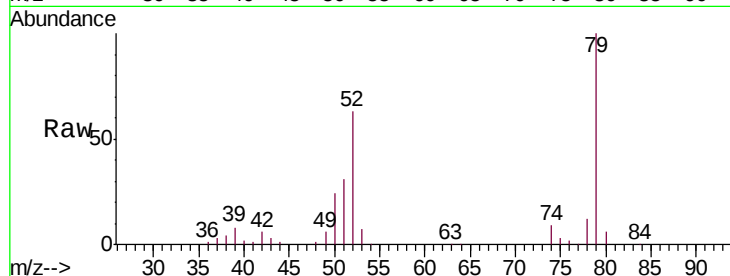
Tgt Ion: 79 Resp: 466880

Ion Ratio Lower Upper

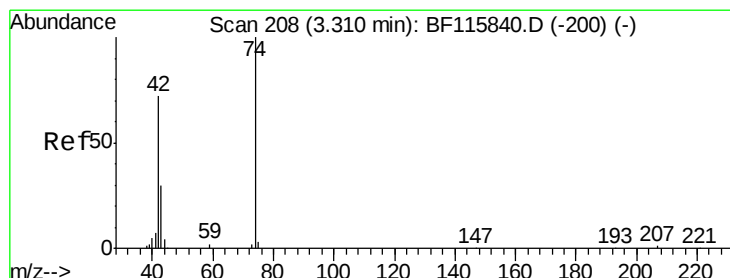
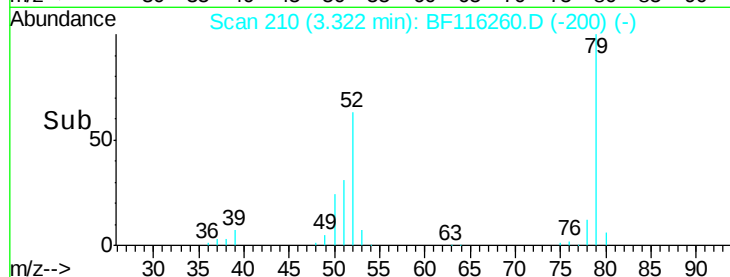
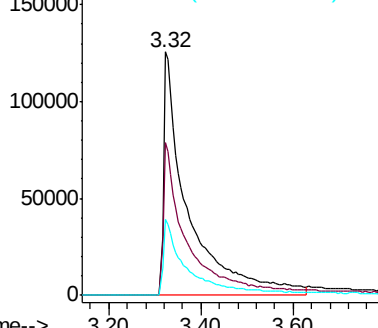
79 100

52 62.9 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: 25.647 ng

RT: 3.26 min Scan# 200

Delta R.T. -0.07 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

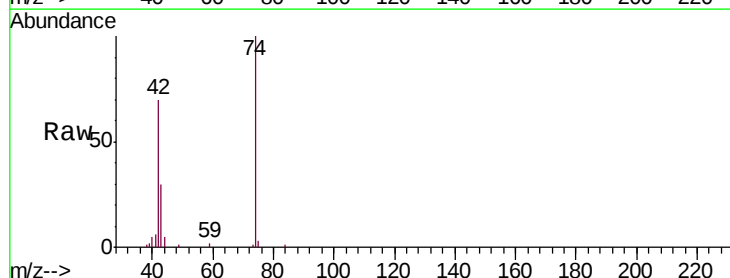
Tgt Ion: 42 Resp: 144147

Ion Ratio Lower Upper

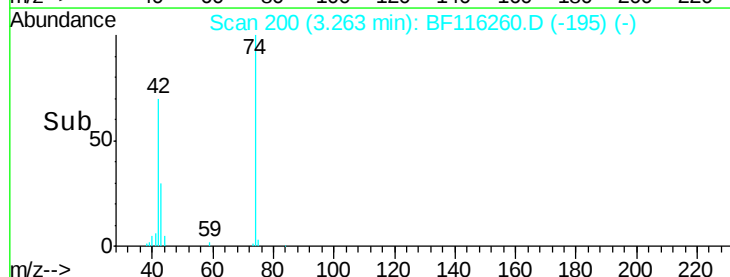
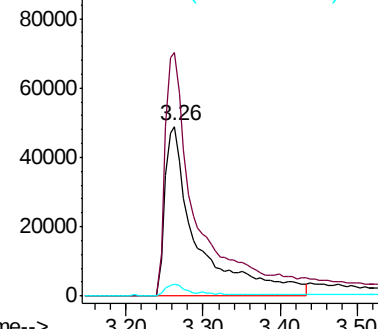
42 100

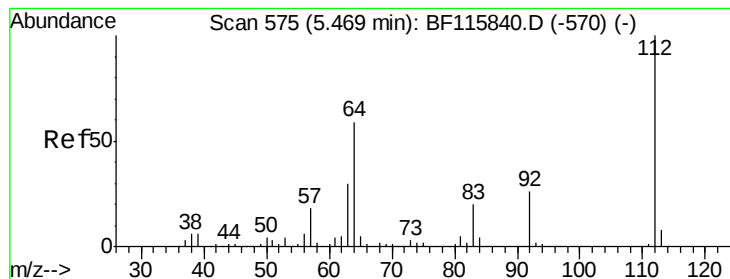
74 143.2 116.0 174.0

44 7.2 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: 83.630 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

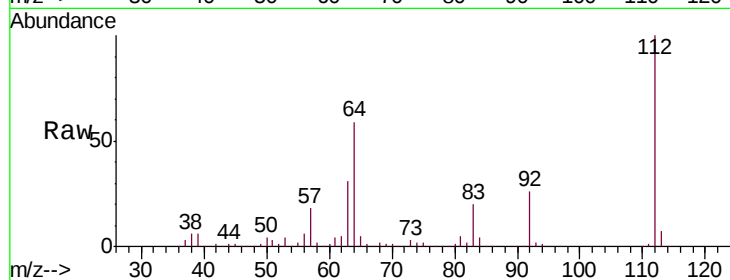
Tgt Ion: 112 Resp: 844003

Ion Ratio Lower Upper

112 100

64 58.9 45.4 68.2

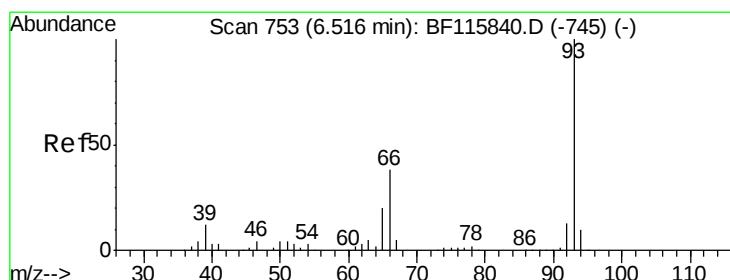
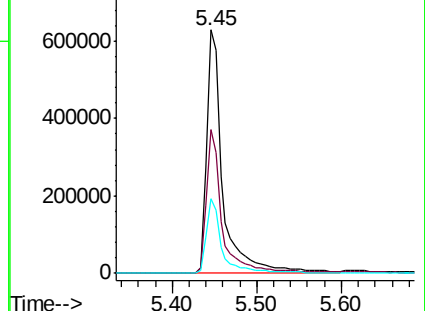
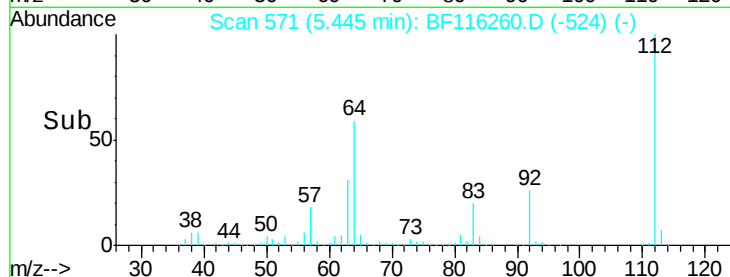
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.636 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

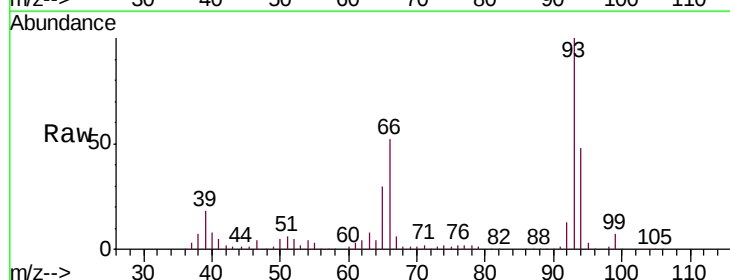
Tgt Ion: 93 Resp: 686291

Ion Ratio Lower Upper

93 100

66 52.1 32.2 48.4#

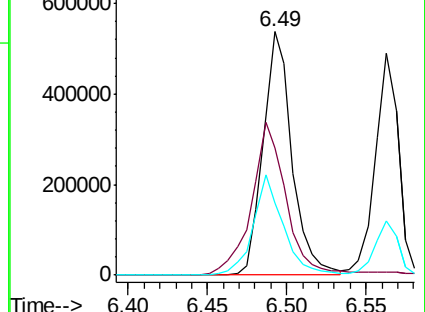
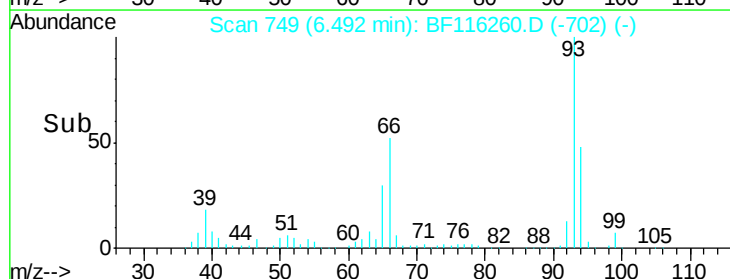
65 29.8 17.0 25.6#

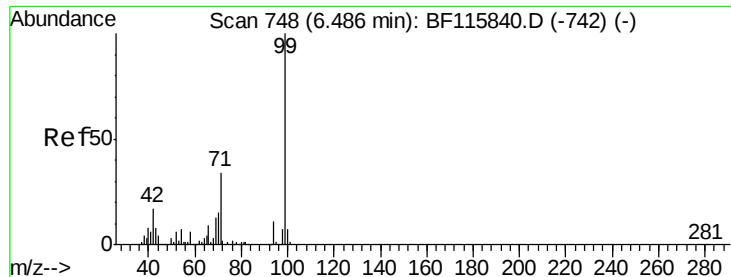


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.263 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

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ClientSampleId :

DFTPP

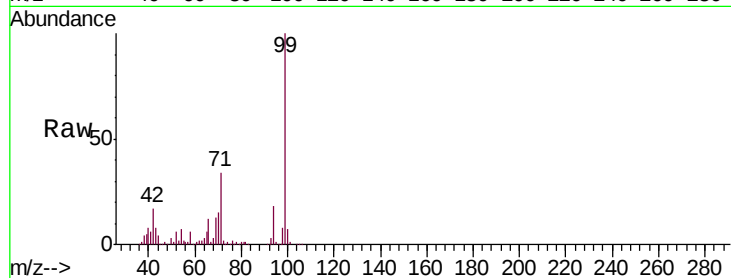
Tgt Ion: 99 Resp: 1060179

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.8

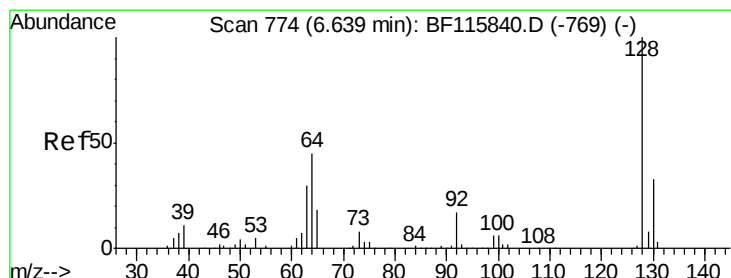
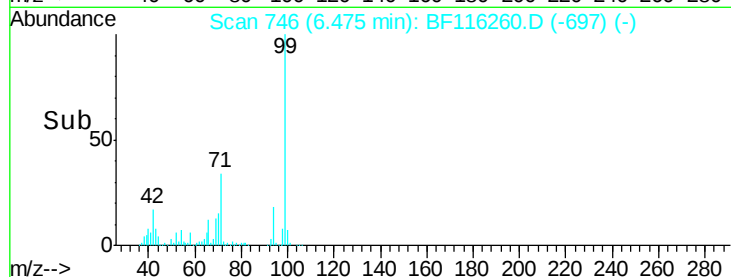
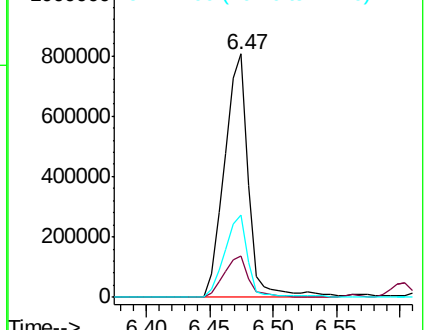
71 34.0 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.925 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

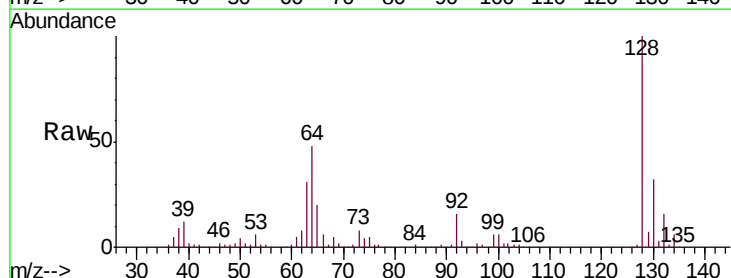
Tgt Ion: 128 Resp: 479038

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

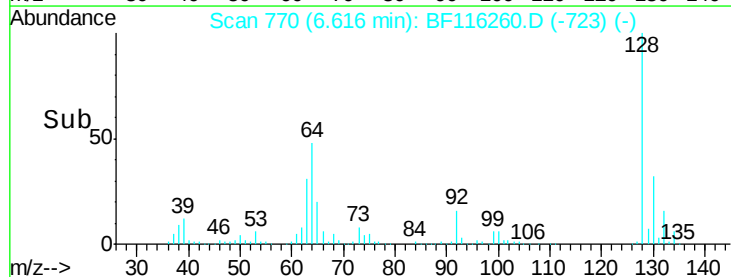
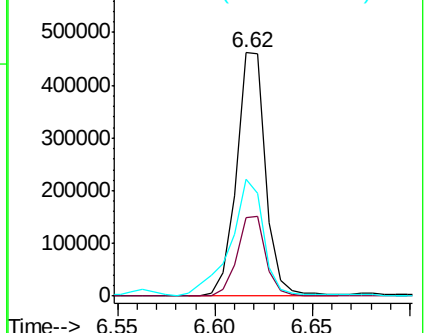
64 48.2 24.3 64.3



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

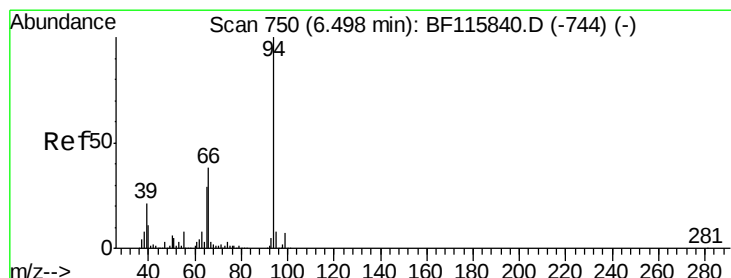
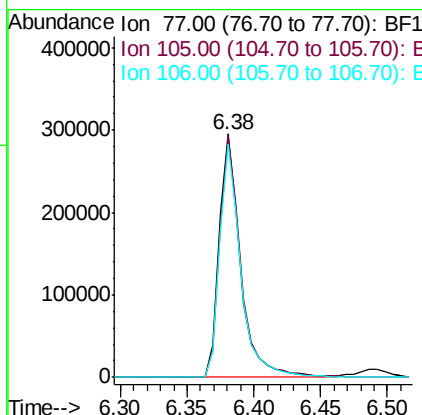
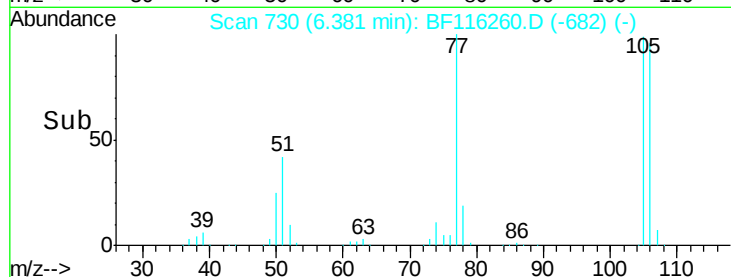
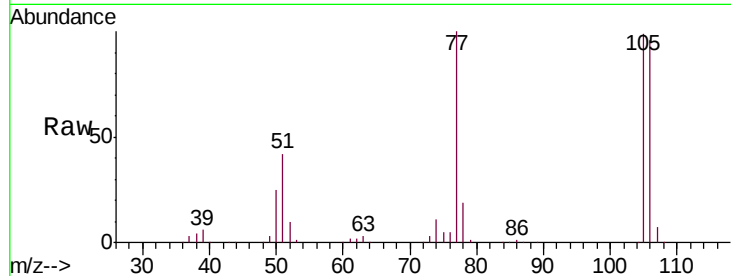




#9
Benzaldehyde
Concen: 38.087 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

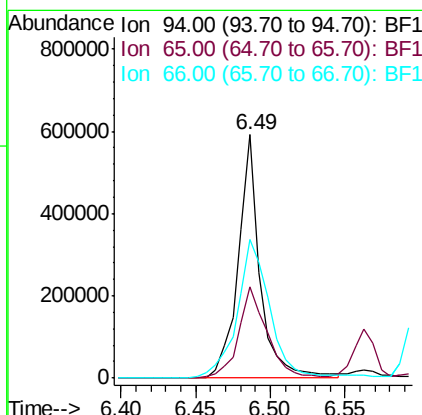
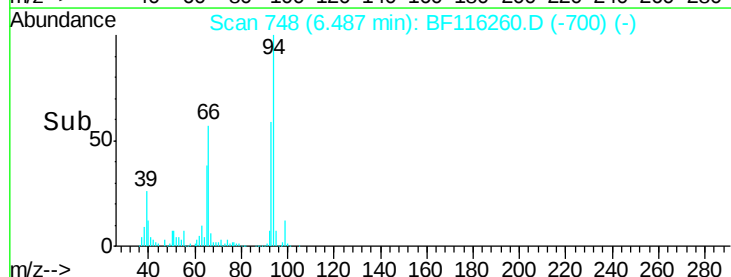
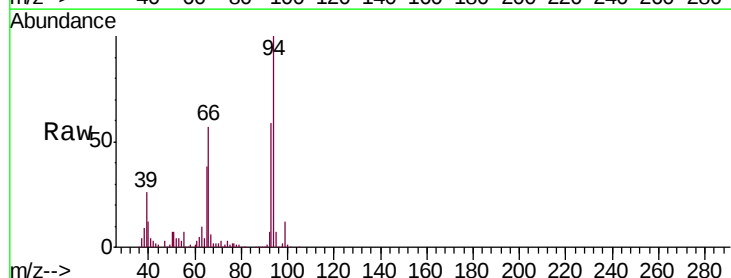
Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 77 Resp: 334612
Ion Ratio Lower Upper
77 100
105 99.2 79.2 119.2
106 95.7 74.3 114.3



#10
Phenol
Concen: 40.440 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion: 94 Resp: 606369
Ion Ratio Lower Upper
94 100
65 37.6 16.8 56.8
66 57.2 34.2 74.2

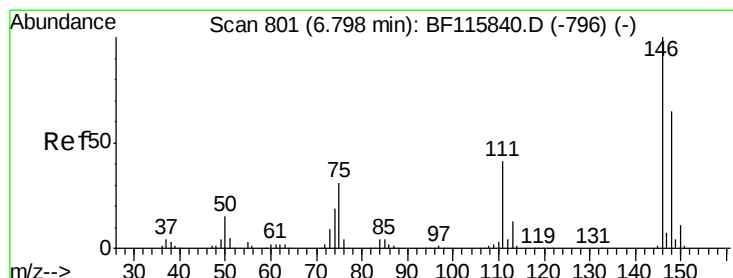
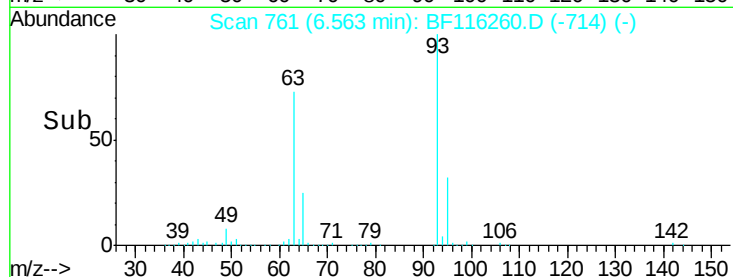
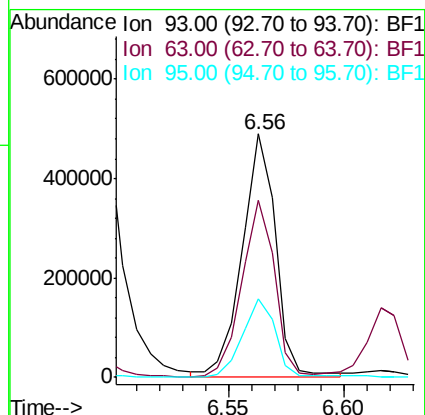
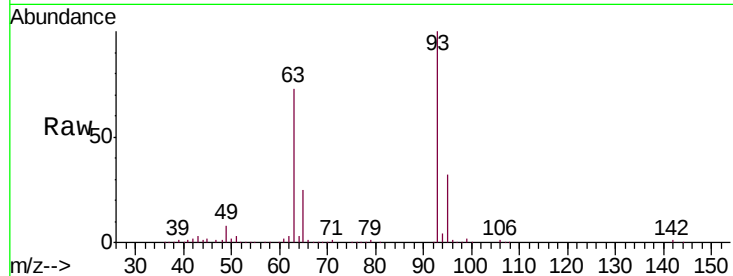




#11
bis(2-Chloroethyl)ether
Concen: 45.338 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

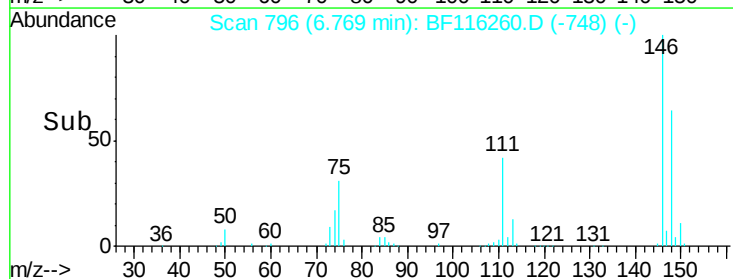
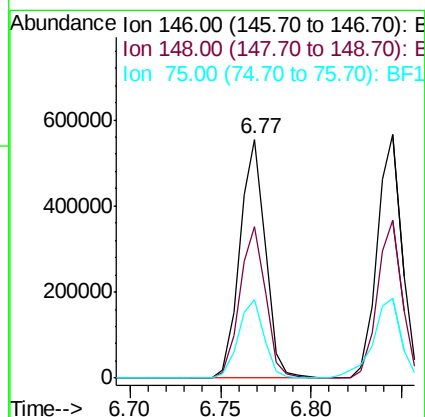
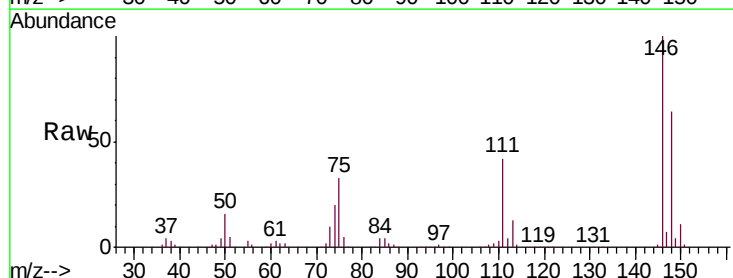
Instrument :
BNA_F
ClientSampleId :
DFTPP

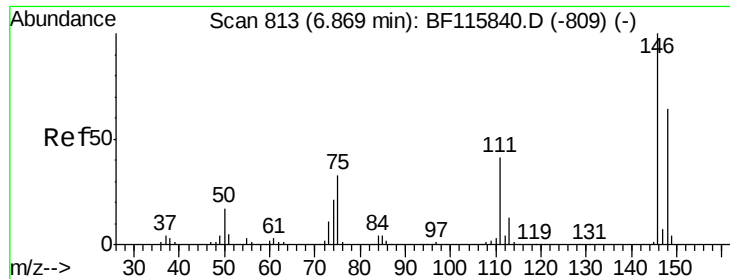
Tgt Ion: 93 Resp: 499809
Ion Ratio Lower Upper
93 100
63 72.9 51.9 91.9
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 42.024 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion: 146 Resp: 542004
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 33.0 27.4 41.2

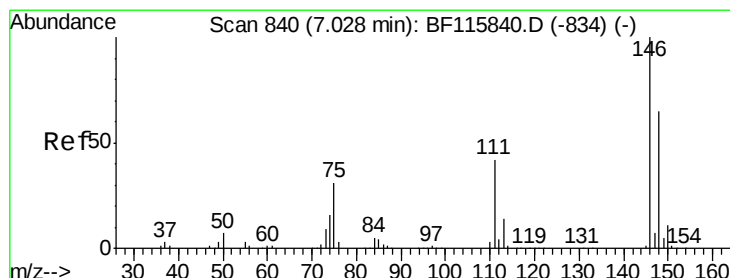
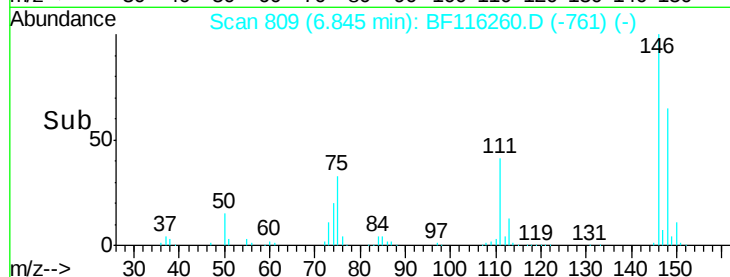
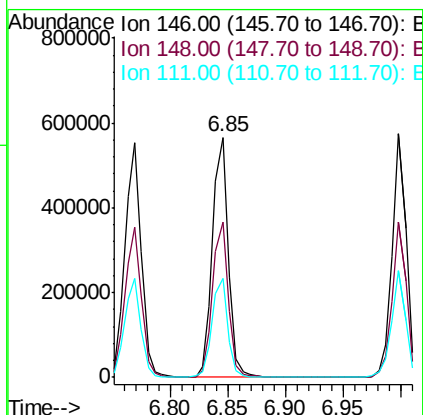
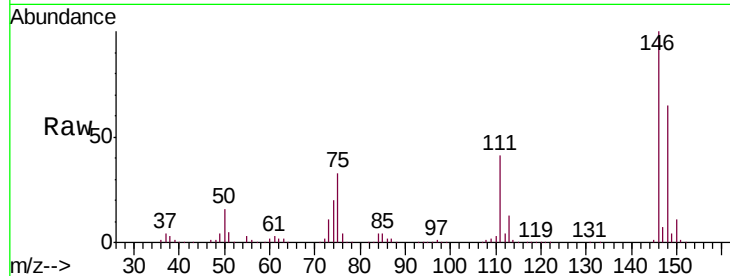




#13
 1,4-Dichlorobenzene
 Concen: 41.947 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

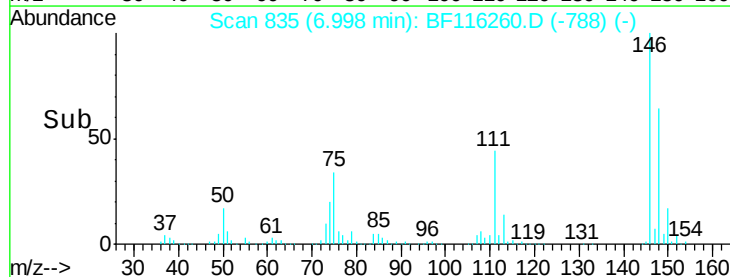
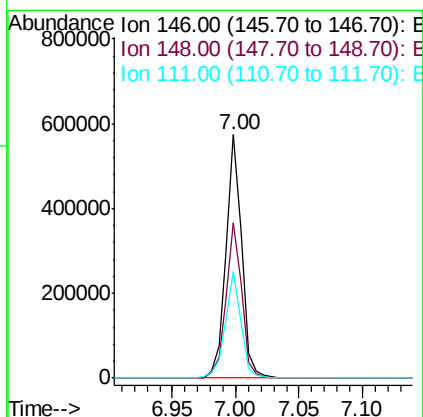
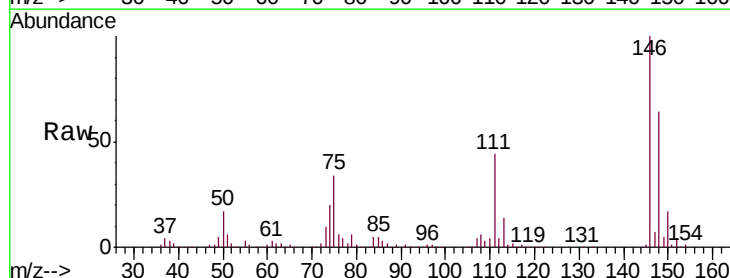
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

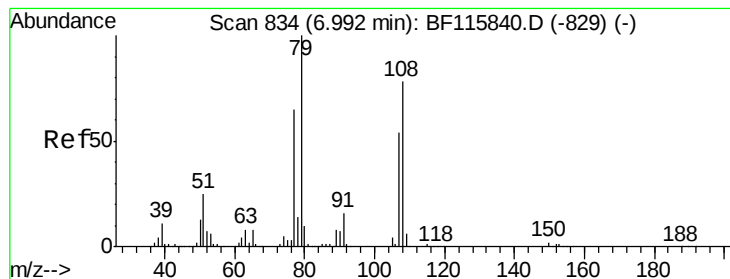
Tgt Ion:146 Resp: 541696
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.3 76.9
 111 41.2 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 41.350 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion:146 Resp: 491684
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.2 76.8
 111 43.6 33.5 50.3





#15

Benzyl Alcohol

Concen: 40.213 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

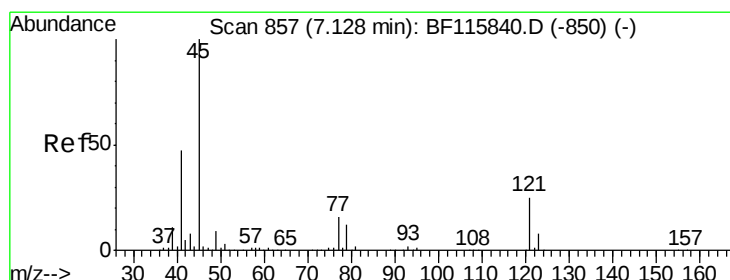
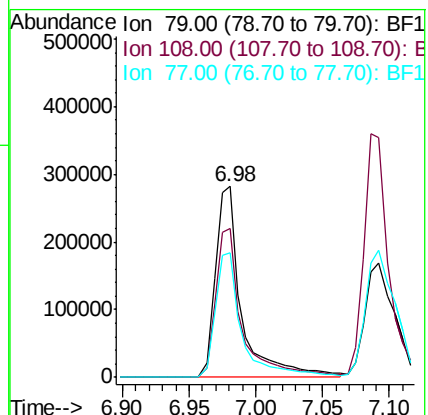
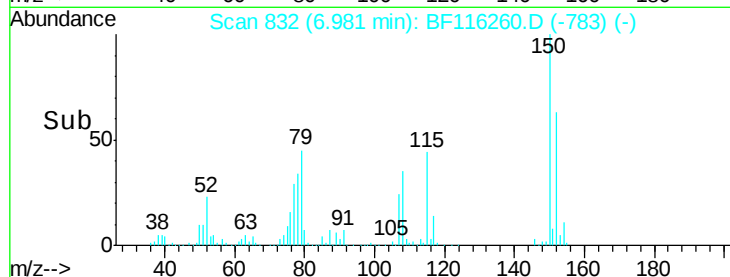
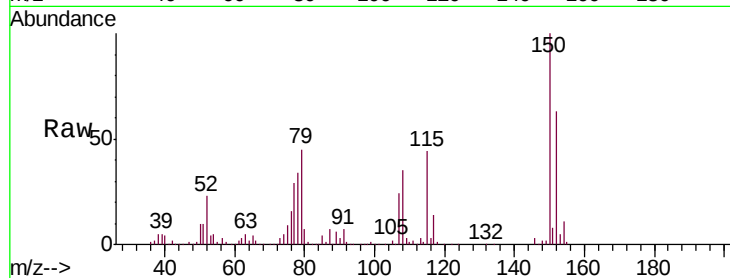
Tgt Ion: 79 Resp: 388576

Ion Ratio Lower Upper

79 100

108 77.9 62.7 94.1

77 65.1 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.314 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

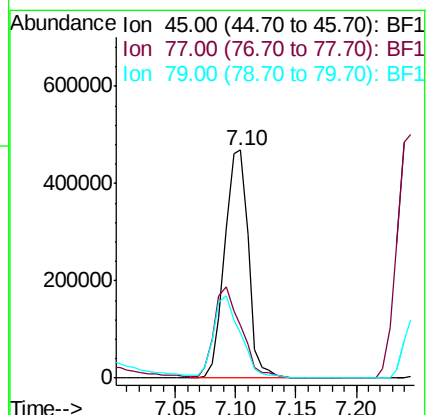
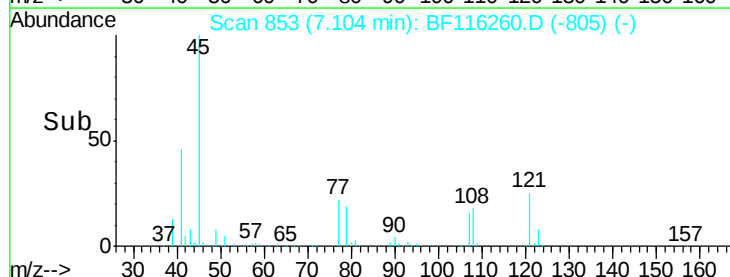
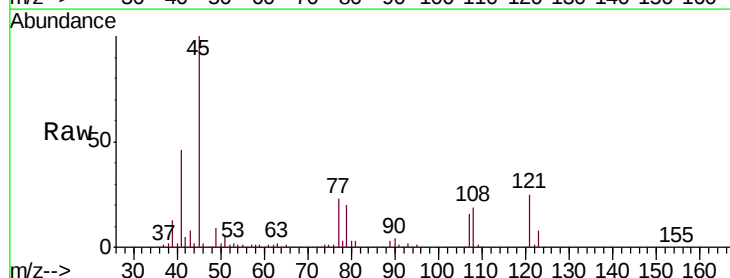
Tgt Ion: 45 Resp: 636258

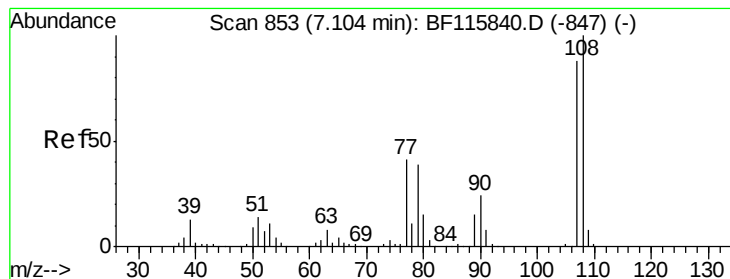
Ion Ratio Lower Upper

45 100

77 23.4 0.0 40.0

79 19.8 0.0 35.9





#17

2-Methylphenol

Concen: 42.810 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:107 Resp: 404538

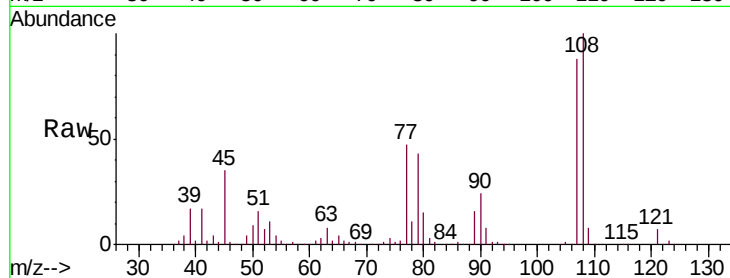
Ion Ratio Lower Upper

107 100

108 113.1 91.2 136.8

77 53.1 40.3 60.5

79 49.0 37.6 56.4

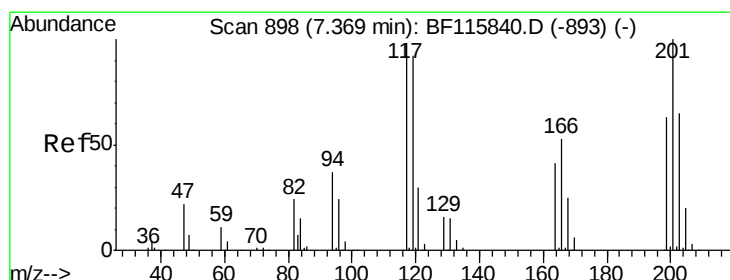
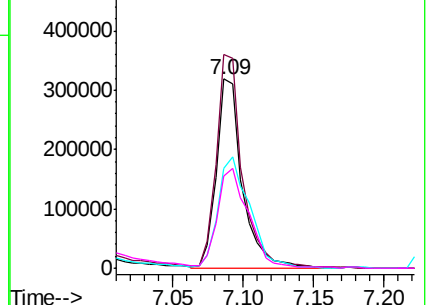
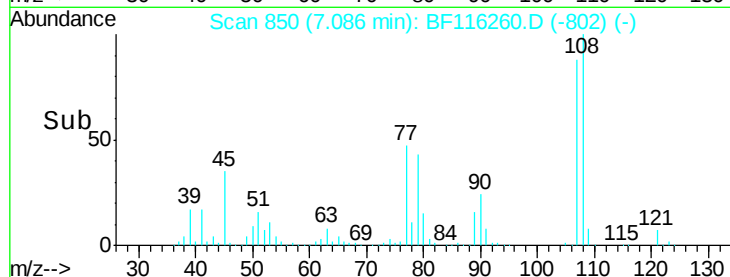


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.335 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

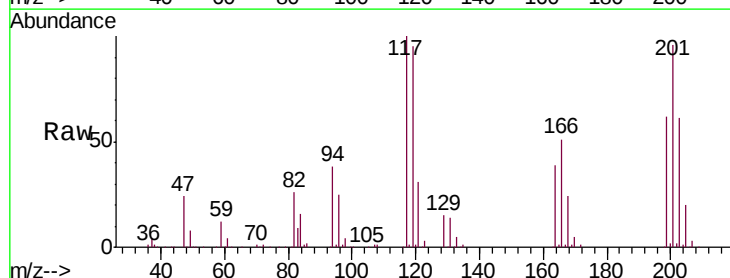
Tgt Ion:117 Resp: 206038

Ion Ratio Lower Upper

117 100

119 95.4 76.1 114.1

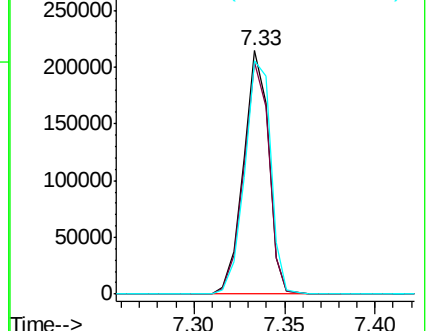
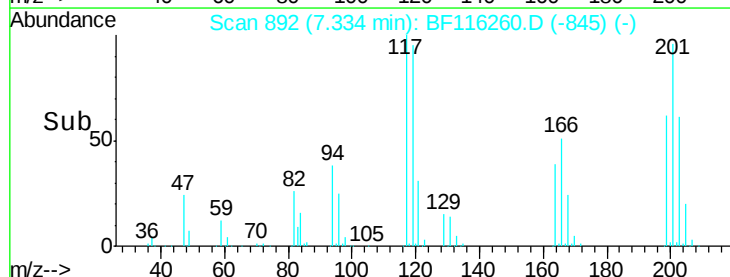
201 96.1 77.0 115.4



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

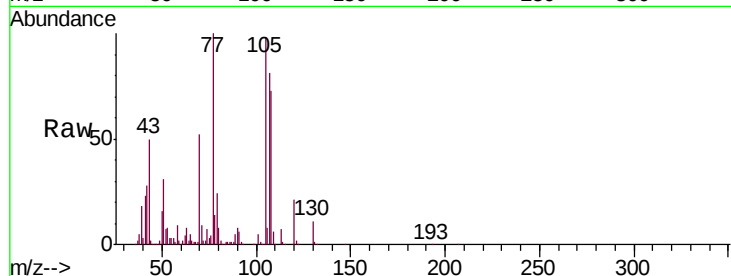




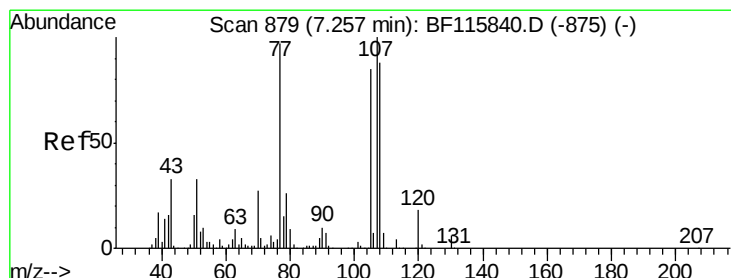
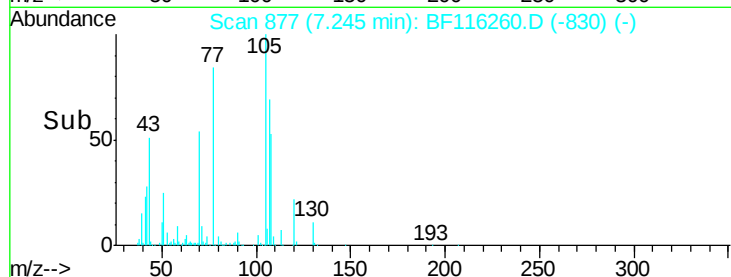
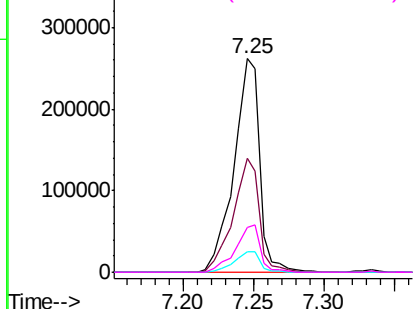
#19
n-Nitroso-di-n-propylamine
Concen: 42.189 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	70	Resp:	332884
Ion	Ratio	Lower	Upper
70	100		
42	53.4	40.9	61.3
101	9.7	7.9	11.9
130	20.7	16.9	25.3



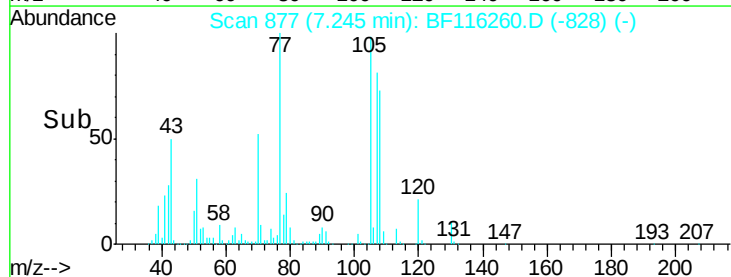
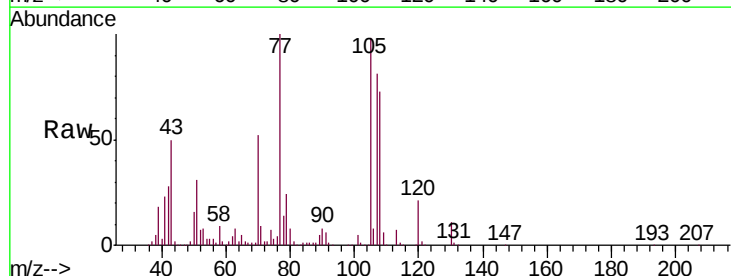
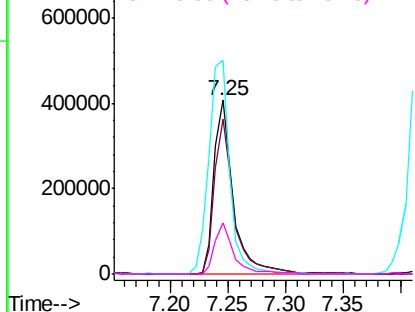
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 41.999 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion:	107	Resp:	469651
Ion	Ratio	Lower	Upper
107	100		
108	89.5	67.6	107.6
77	123.0	104.4	144.4
79	29.4	7.4	47.4

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

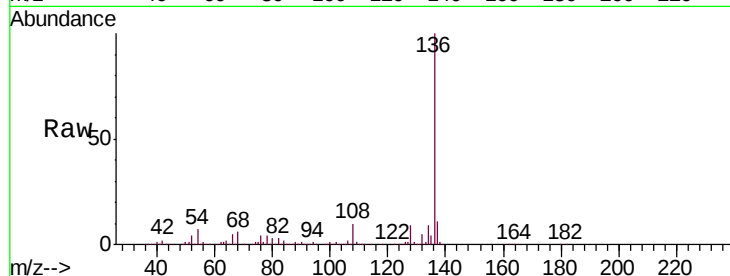




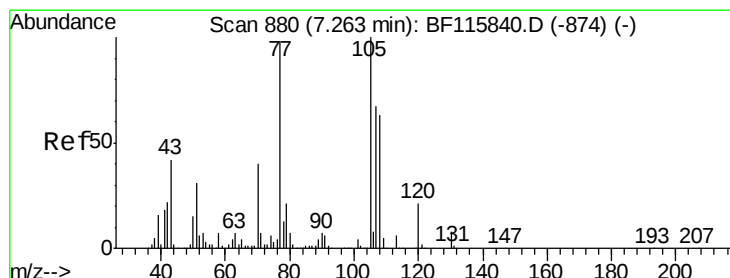
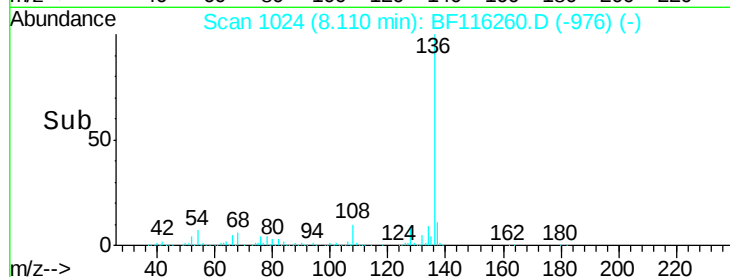
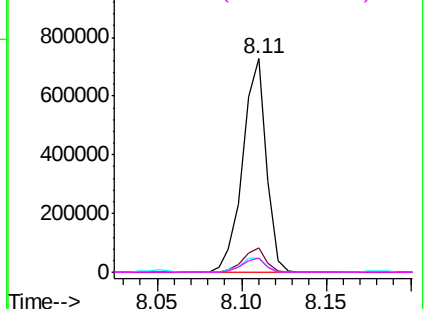
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampled :
DFTPP

Tgt Ion:	136	Resp:	710087
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.8	5.8	8.6
68	6.4	5.2	7.8

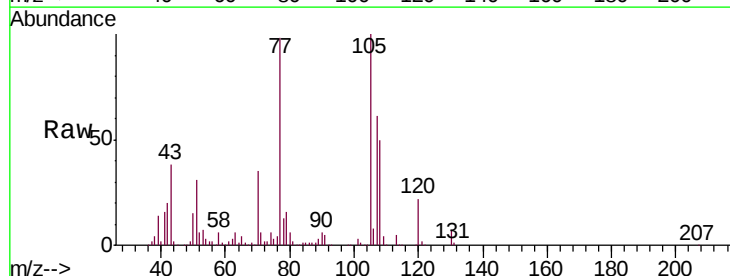


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

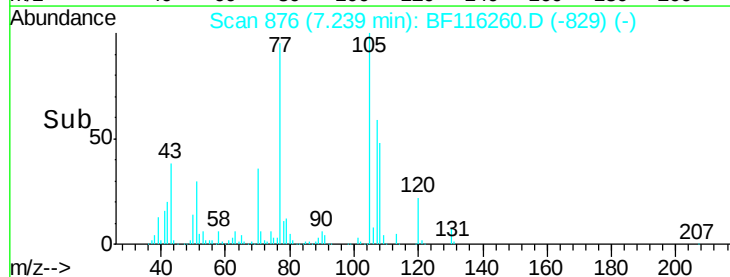
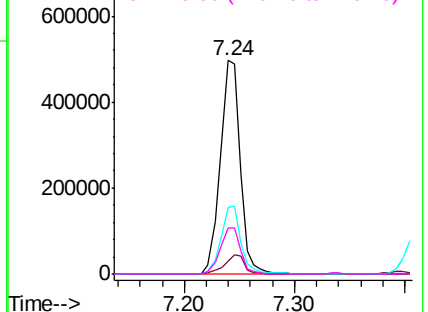


#22
Acetophenone
Concen: 40.338 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion:	105	Resp:	628186
Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.9	8.9
51	31.1	25.3	37.9
120	21.7	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

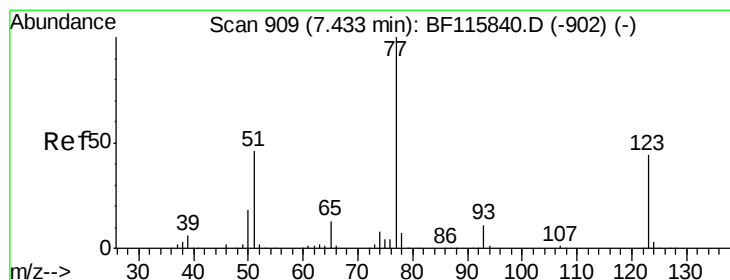
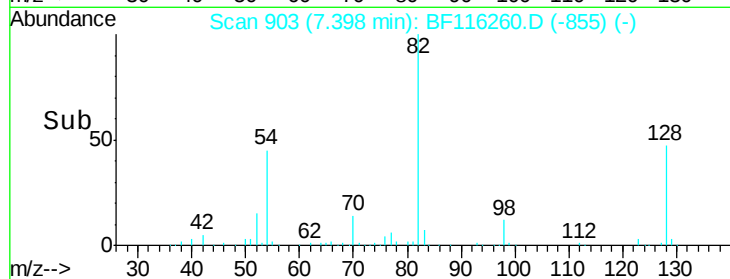
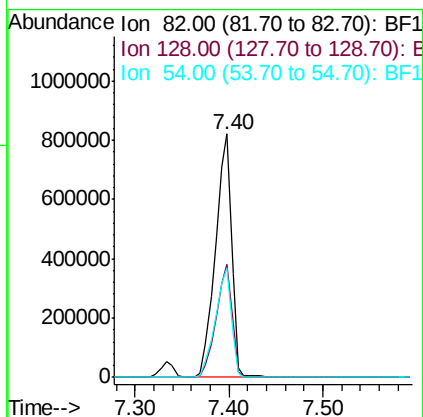
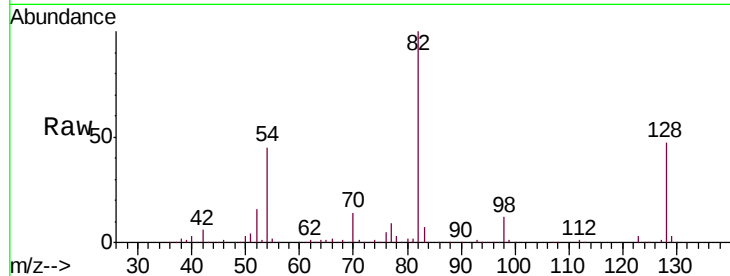




#23
 Nitrobenzene-d5
 Concen: 80.938 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

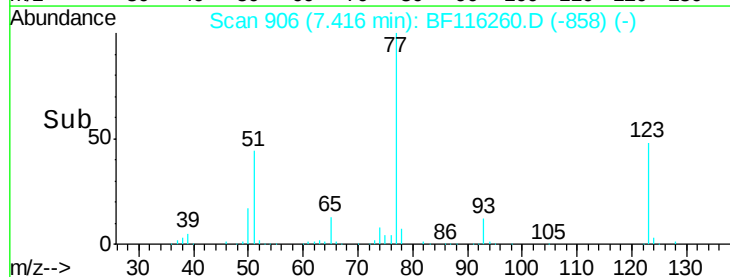
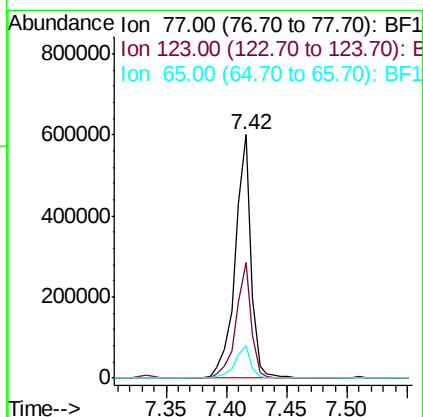
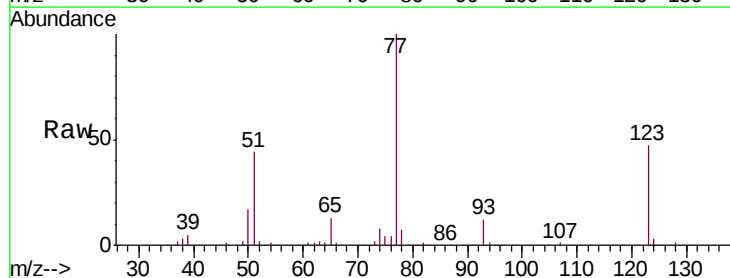
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

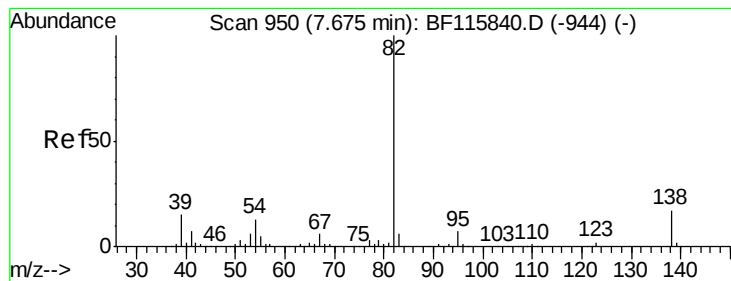
Tgt Ion: 82 Resp: 995662
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.5 54.7
 54 44.7 36.0 54.0



#24
 Nitrobenzene
 Concen: 41.020 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion: 77 Resp: 544869
 Ion Ratio Lower Upper
 77 100
 123 47.2 36.7 55.1
 65 13.3 10.6 16.0





#25

Isophorone

Concen: 43.421 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

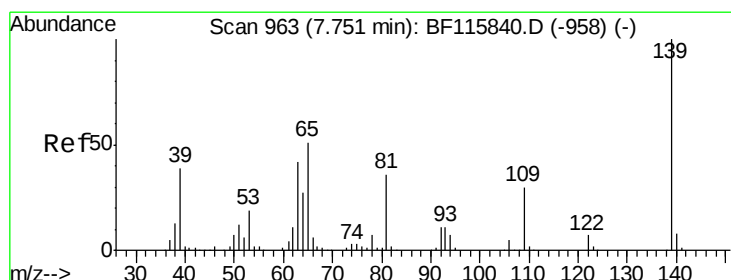
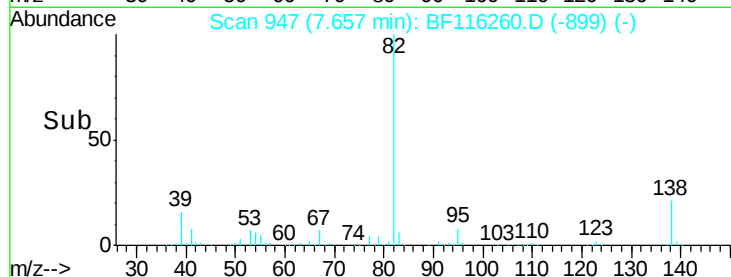
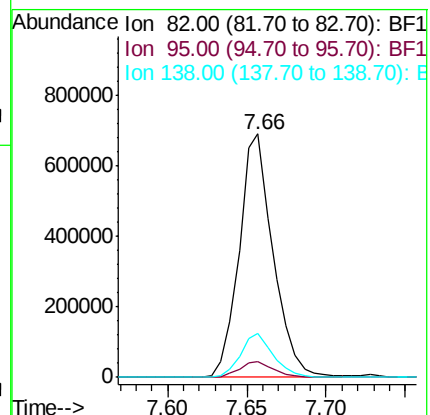
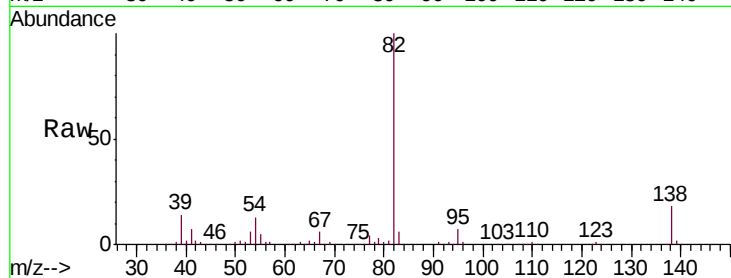
Tgt Ion: 82 Resp: 1021363

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 17.9 14.5 21.7



#26

2-Nitrophenol

Concen: 44.258 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

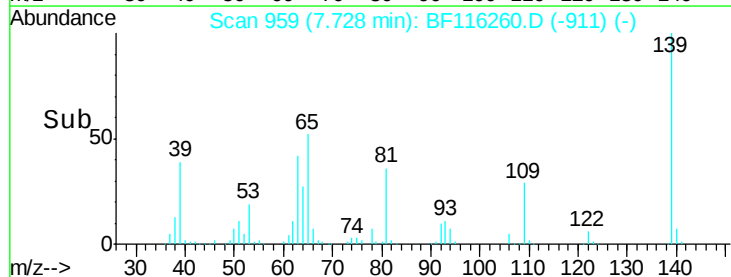
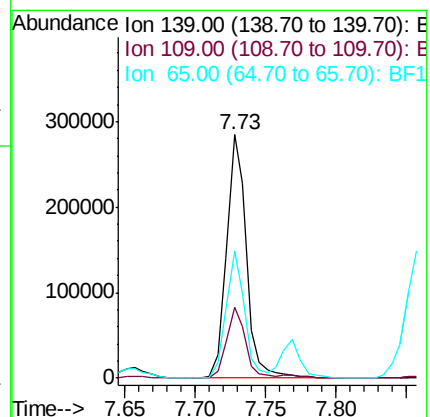
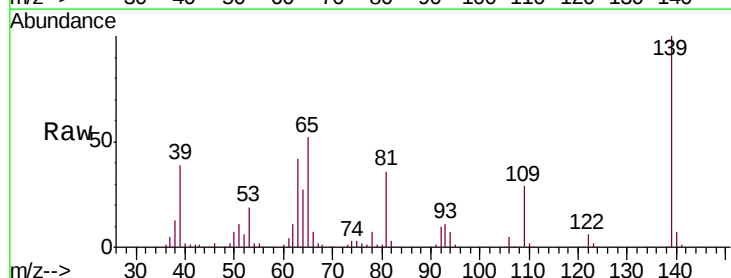
Tgt Ion: 139 Resp: 277111

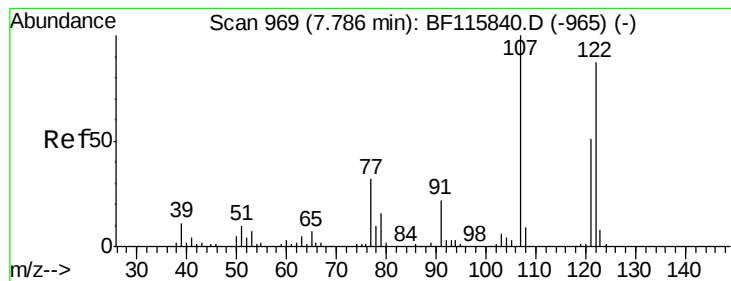
Ion Ratio Lower Upper

139 100

109 28.9 23.4 35.2

65 52.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 41.240 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

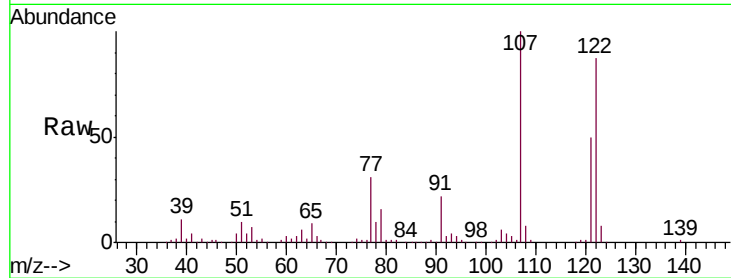
Tgt Ion:122 Resp: 388486

Ion Ratio Lower Upper

122 100

107 114.9 93.0 139.6

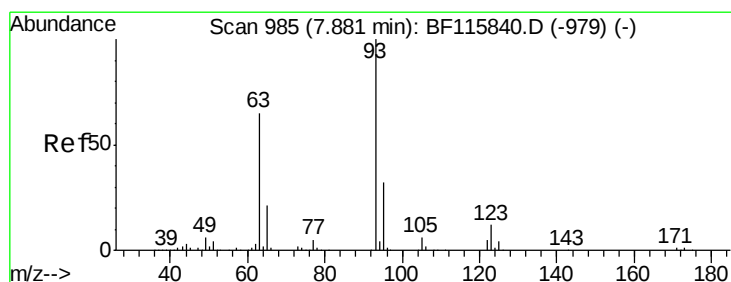
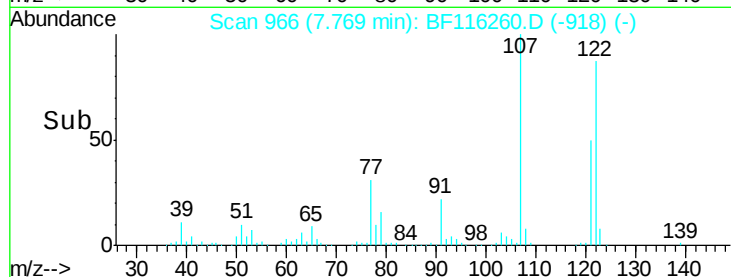
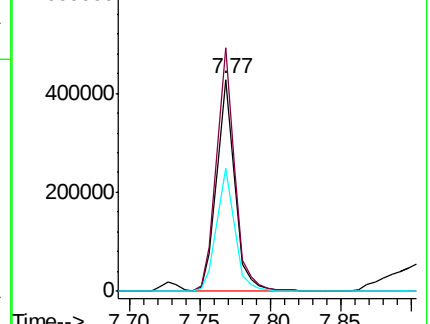
121 57.9 47.6 71.4



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: 43.120 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

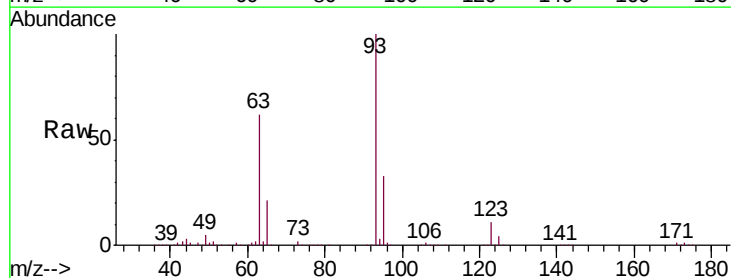
Tgt Ion: 93 Resp: 628674

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

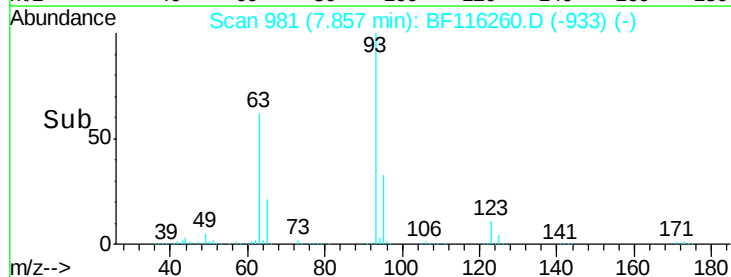
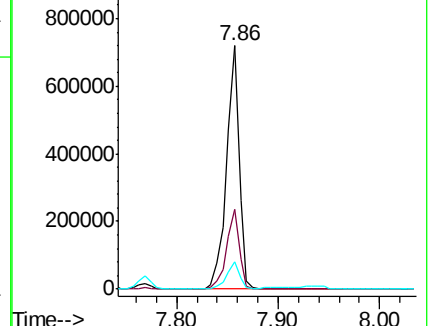
123 11.4 9.2 13.8

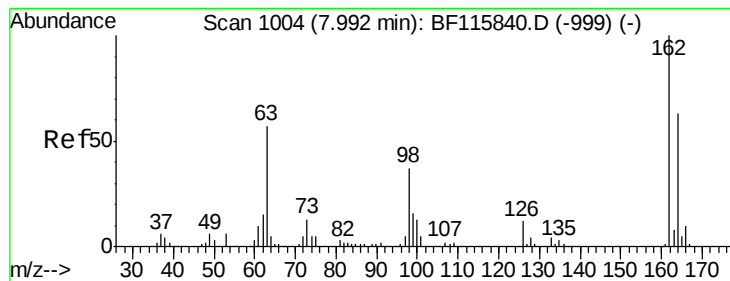


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.037 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

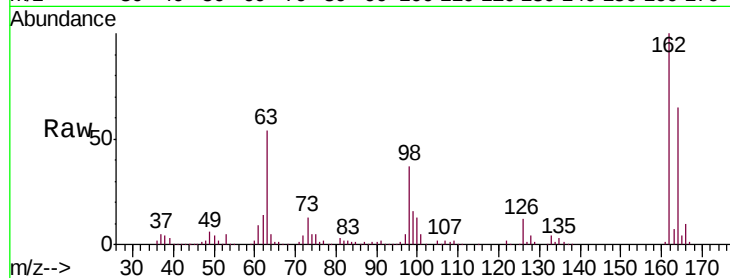
Tgt Ion:162 Resp: 428062

Ion Ratio Lower Upper

162 100

164 65.0 45.1 85.1

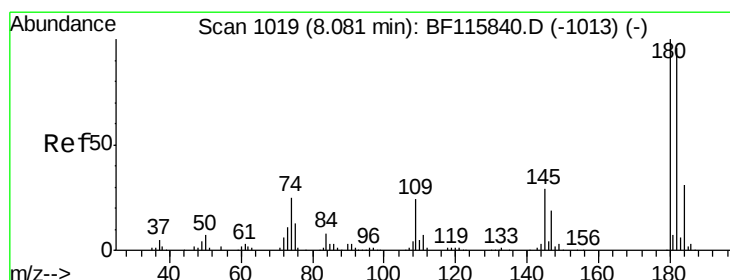
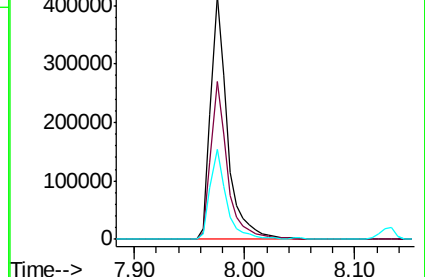
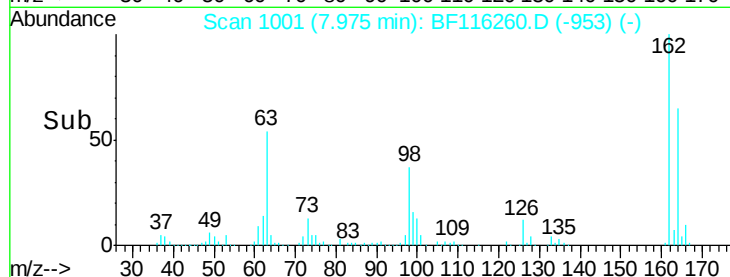
98 36.7 15.8 55.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.605 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

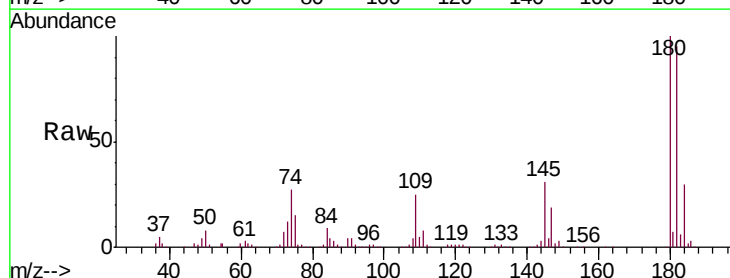
Tgt Ion:180 Resp: 471707

Ion Ratio Lower Upper

180 100

182 94.8 75.7 113.5

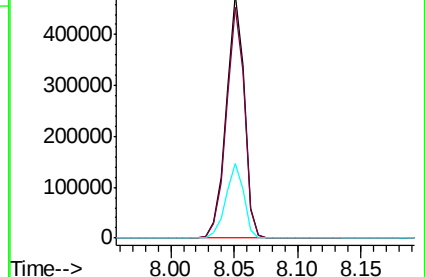
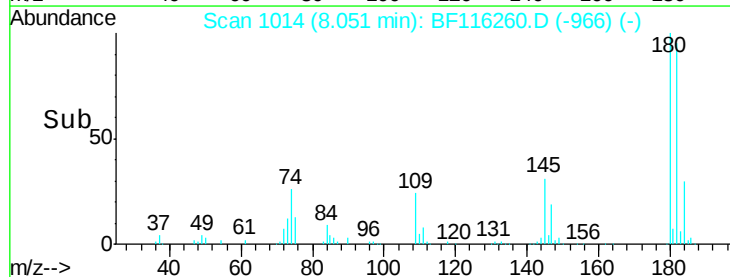
145 30.6 24.3 36.5

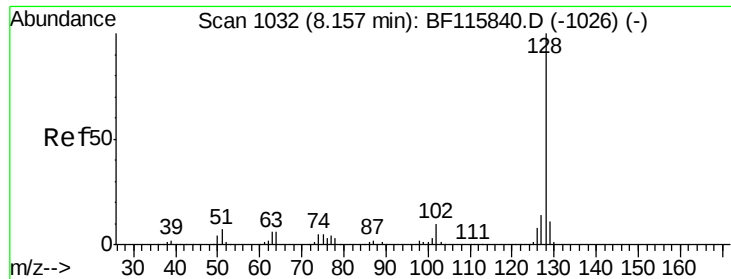


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

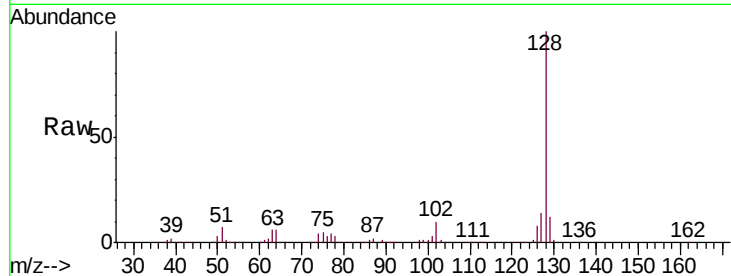




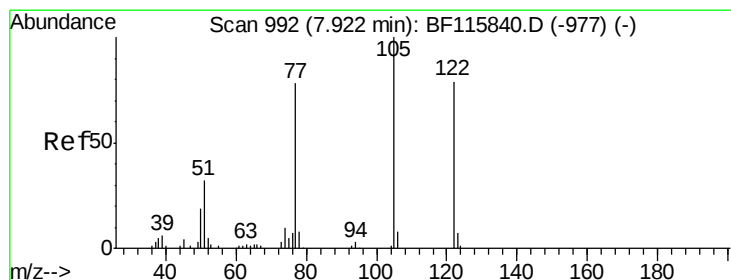
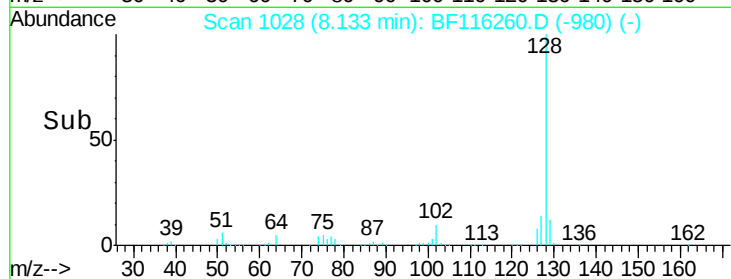
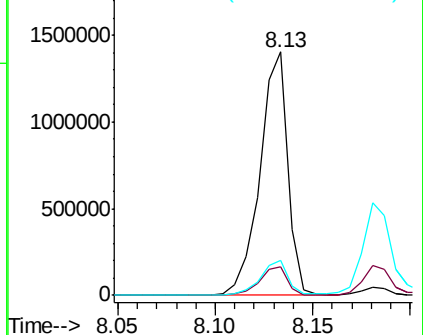
#31
Naphthalene
Concen: 41.528 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:128 Resp: 1387657
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.2 11.4 17.0

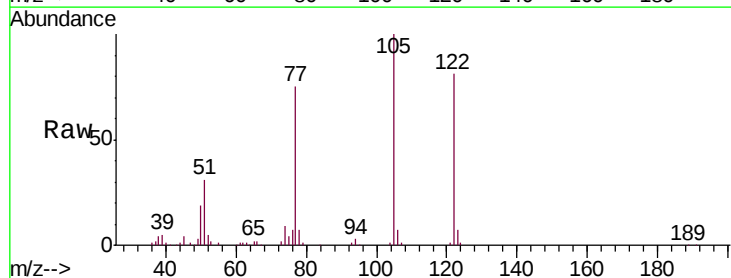


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

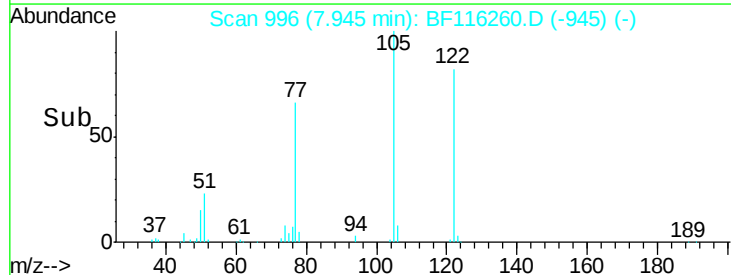
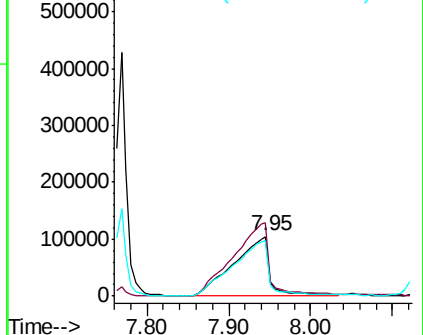


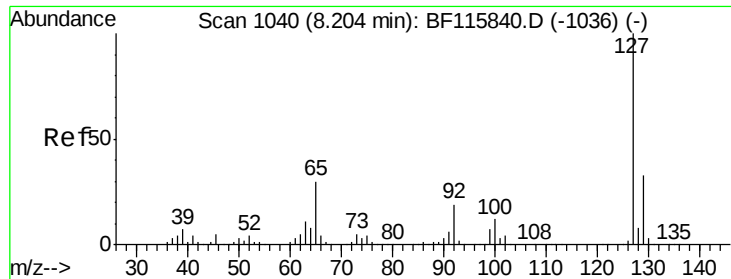
#32
Benzoic acid
Concen: 48.132 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion:122 Resp: 319665
Ion Ratio Lower Upper
122 100
105 123.5 106.1 146.1
77 93.0 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

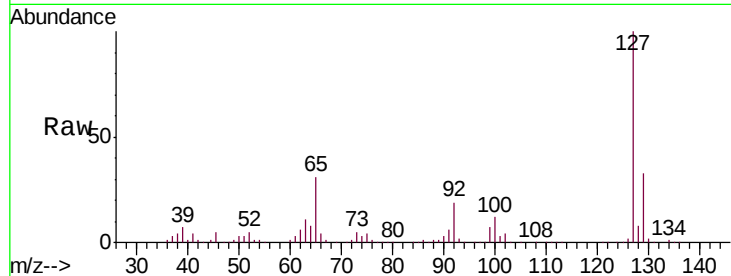




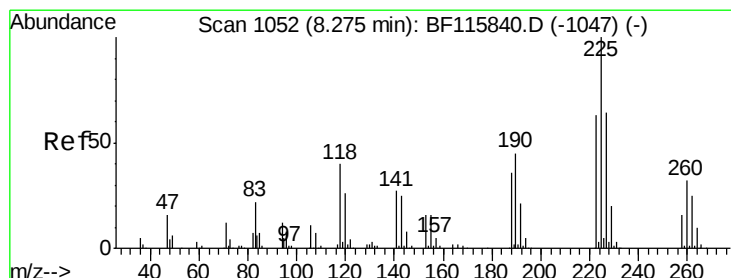
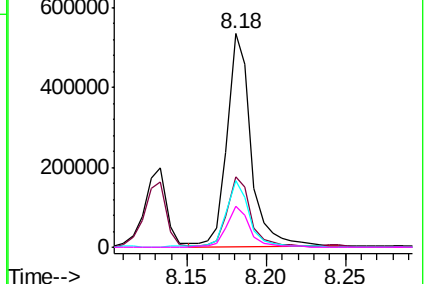
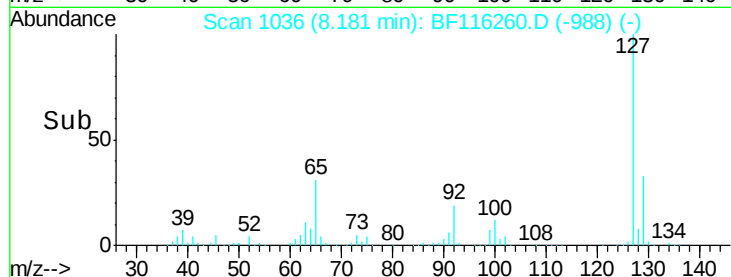
#33
4-Chloroaniline
Concen: 37.514 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	127	Resp:	560096
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	31.0	24.9	37.3
92	19.5	15.7	23.5

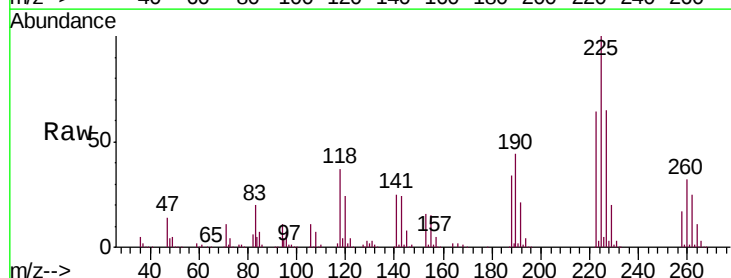


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

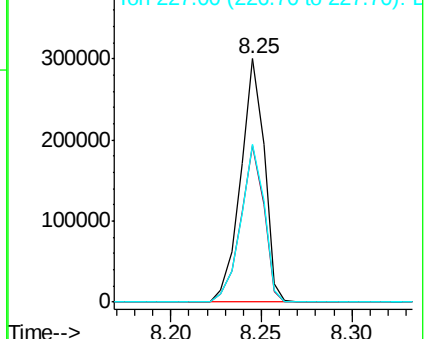
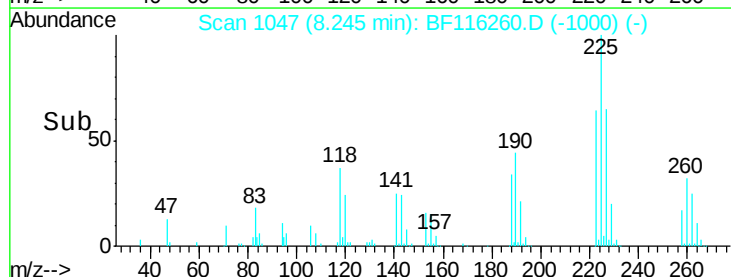


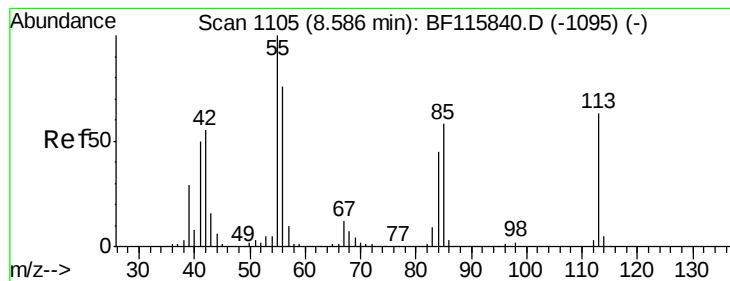
#34
Hexachlorobutadiene
Concen: 41.642 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion:	225	Resp:	271946
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.0	75.0
227	64.6	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: 30.635 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

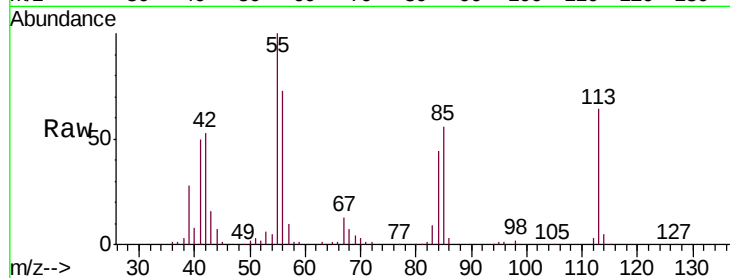
Tgt Ion:113 Resp: 98549

Ion Ratio Lower Upper

113 100

55 157.5 144.3 184.3

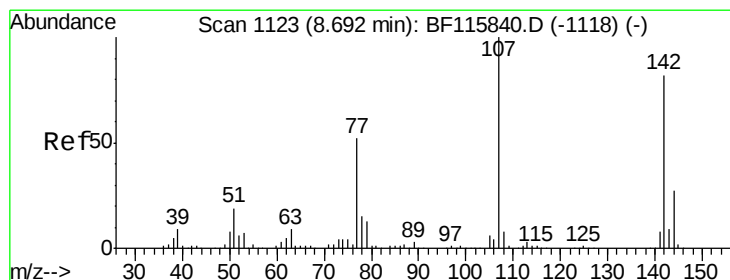
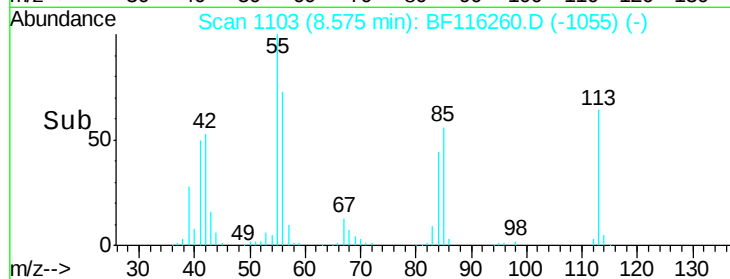
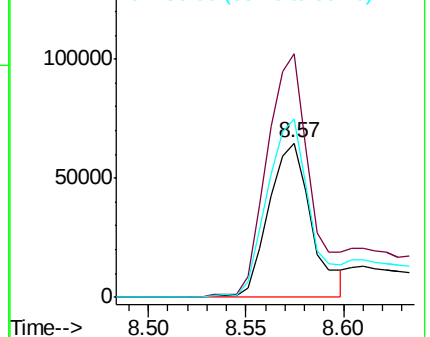
56 115.3 97.1 137.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.461 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

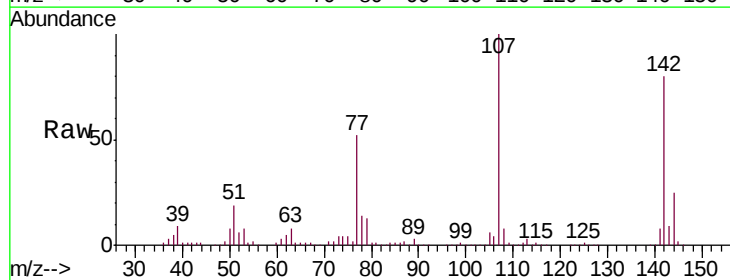
Tgt Ion:107 Resp: 439358

Ion Ratio Lower Upper

107 100

144 25.4 20.2 30.2

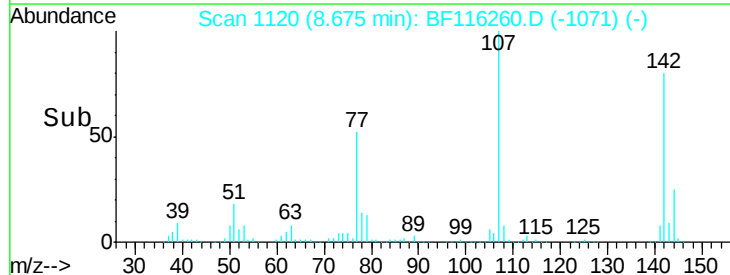
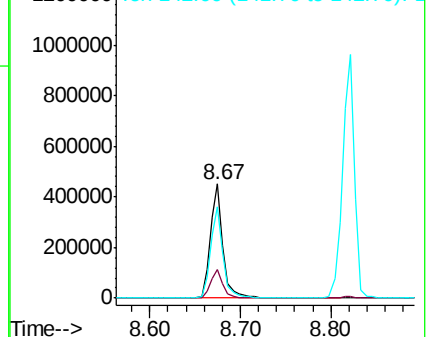
142 79.9 61.7 92.5

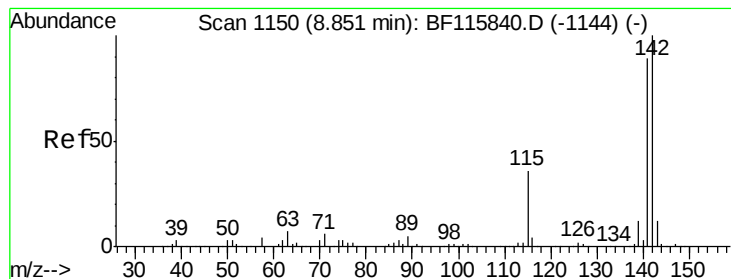


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.783 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

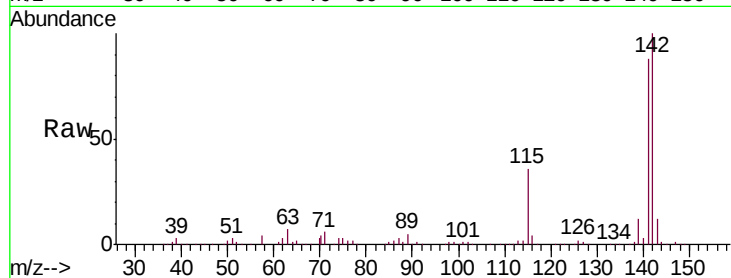
Tgt Ion:142 Resp: 897493

Ion Ratio Lower Upper

142 100

141 88.1 70.9 106.3

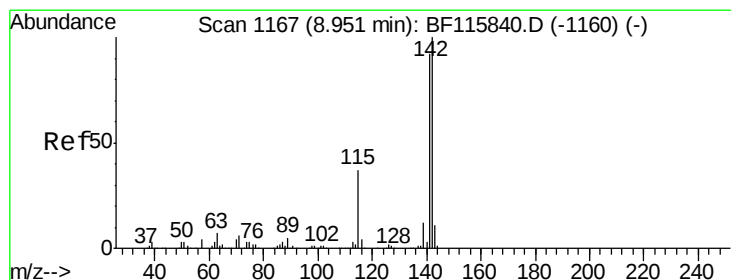
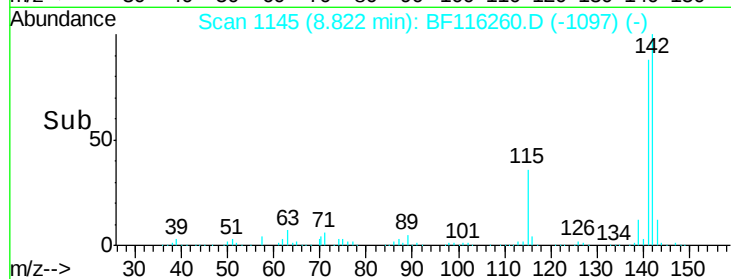
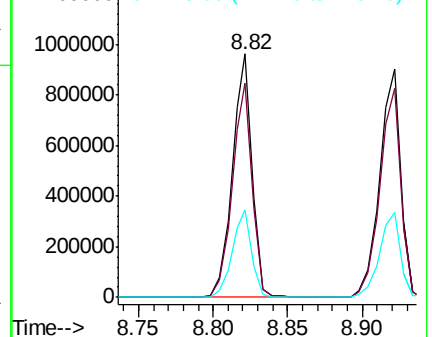
115 36.0 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.573 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

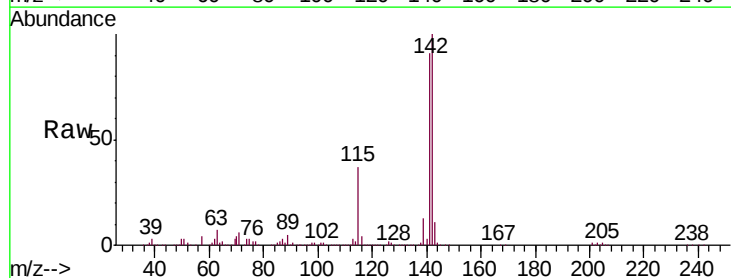
Tgt Ion:142 Resp: 865516

Ion Ratio Lower Upper

142 100

141 91.2 74.4 111.6

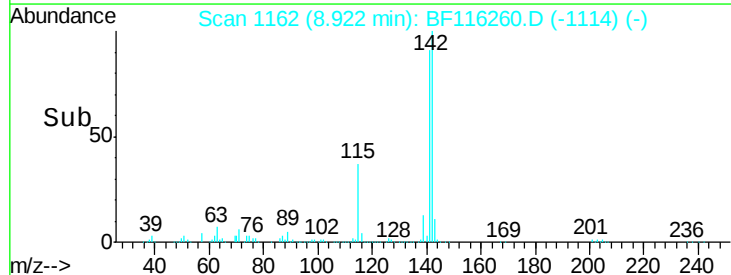
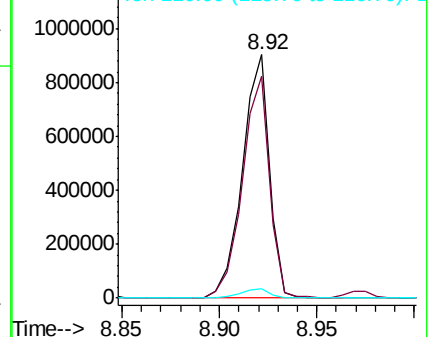
116 3.8 3.1 4.7

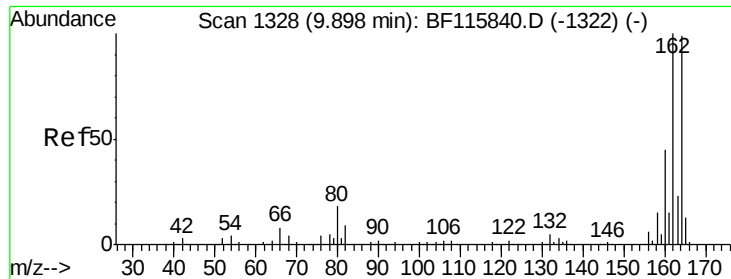


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

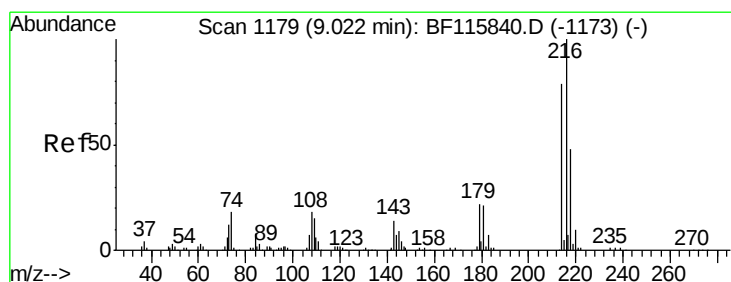
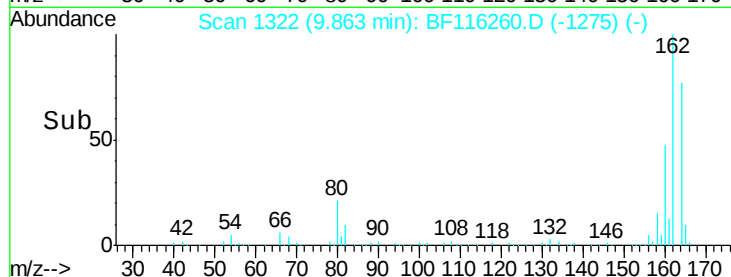
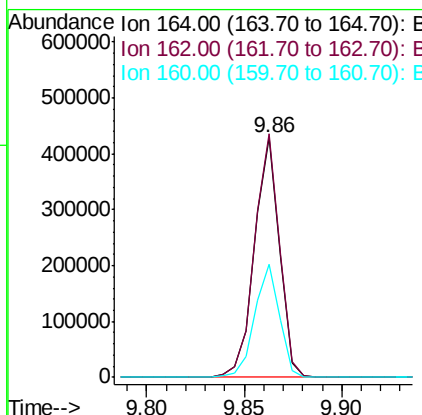
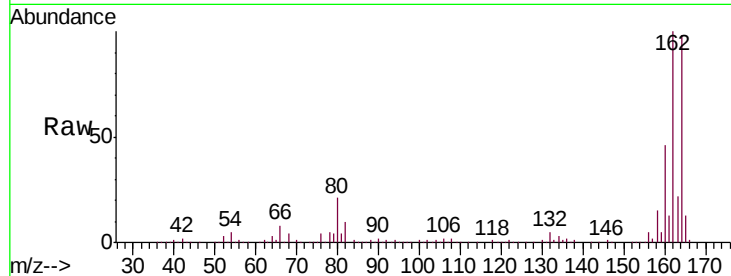




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

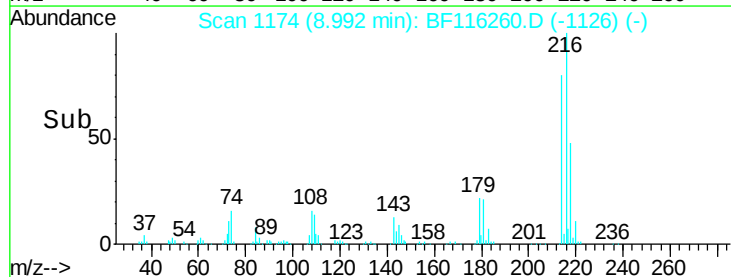
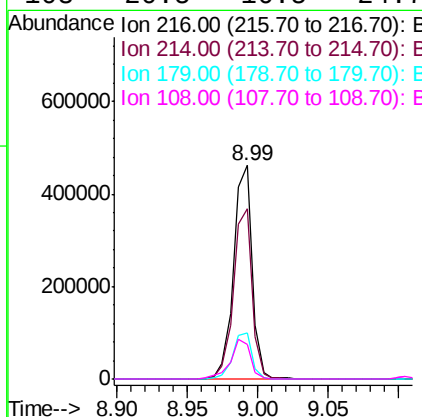
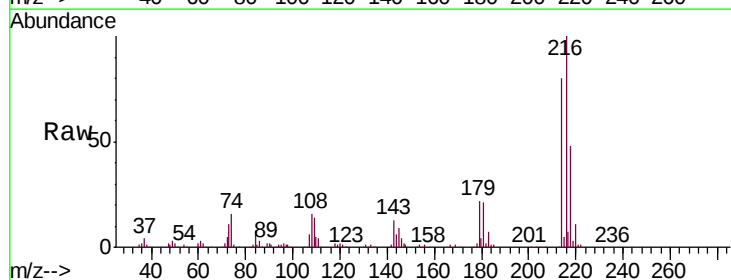
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:164 Resp: 378214
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 124.0
 160 47.0 37.6 56.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.874 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion:216 Resp: 423392
 Ion Ratio Lower Upper
 216 100
 214 80.0 63.6 95.4
 179 22.1 17.8 26.8
 108 20.5 16.5 24.7

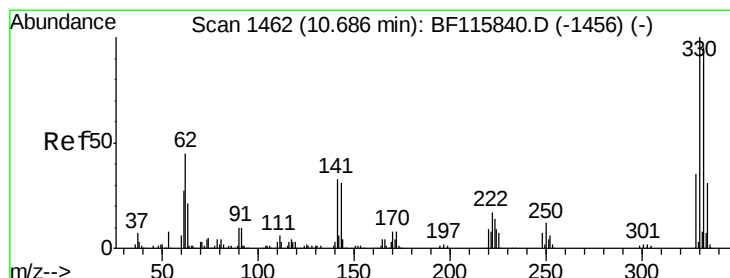
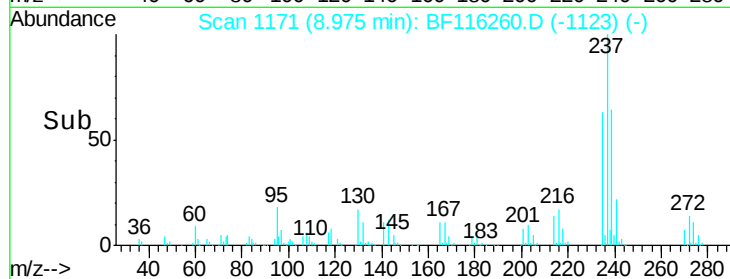
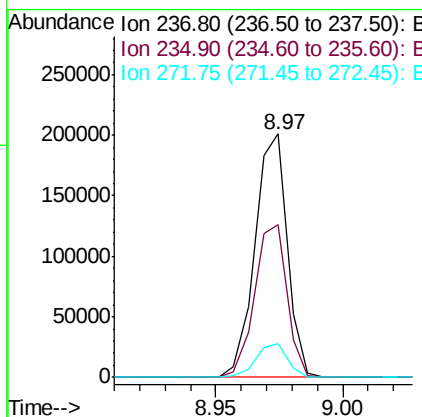
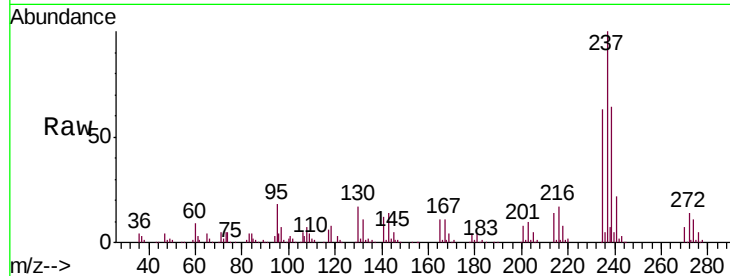




#41
Hexachlorocyclopentadiene
Concen: 42.419 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

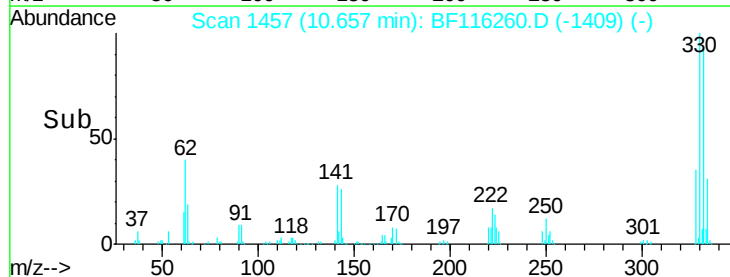
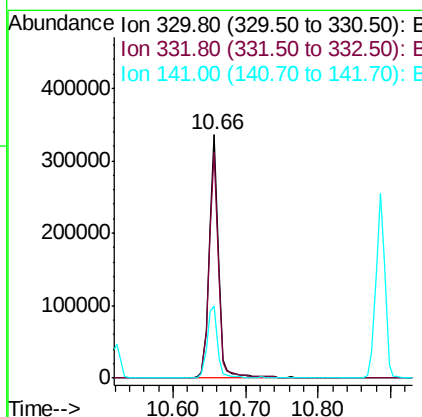
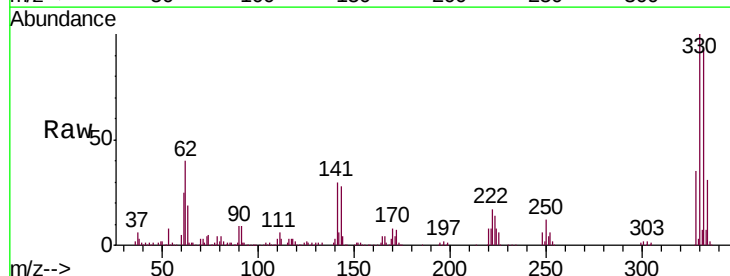
Instrument :
BNA_F
ClientSampleId :
DFTPP

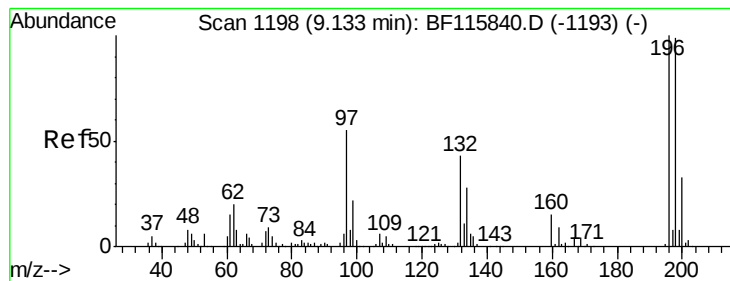
Tgt Ion: 237 Resp: 178913
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 13.8 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 82.715 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion: 330 Resp: 303306
Ion Ratio Lower Upper
330 100
332 94.2 76.8 115.2
141 33.1 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 39.707 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

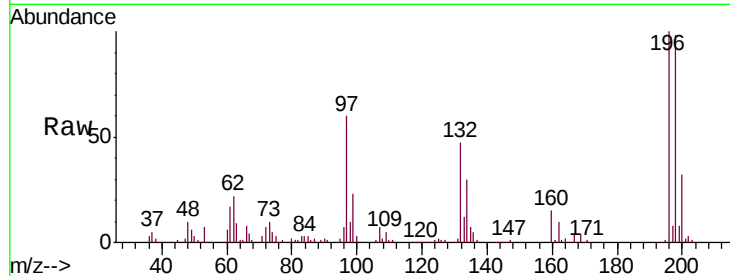
Tgt Ion:196 Resp: 276350

Ion Ratio Lower Upper

196 100

198 98.3 79.2 118.8

200 32.1 25.2 37.8

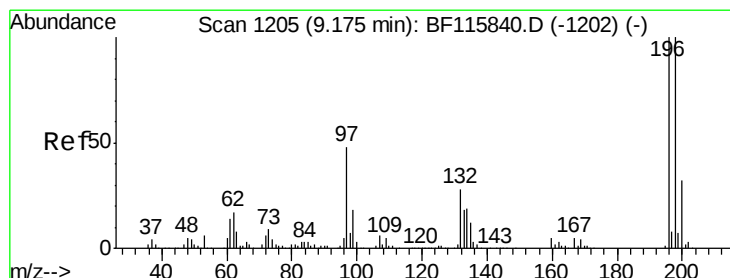
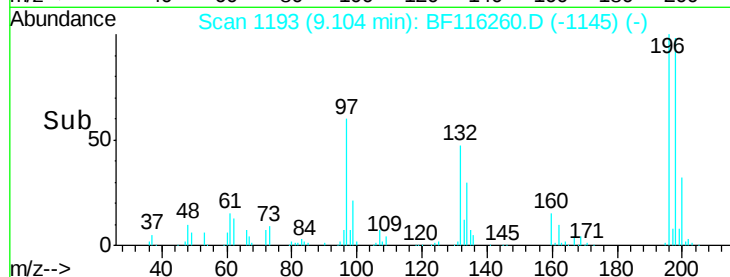
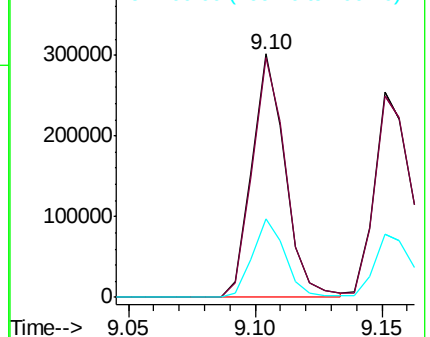


Abundance

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: 40.393 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Tgt Ion:196 Resp: 290596

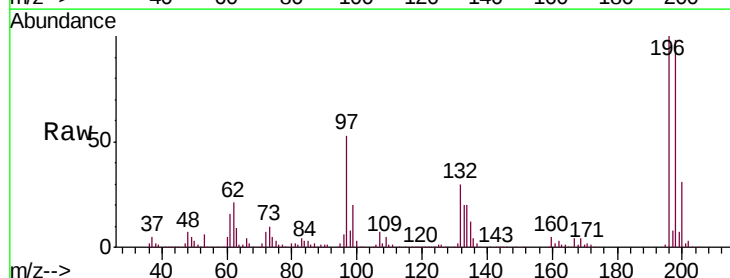
Ion Ratio Lower Upper

196 100

198 98.3 78.8 118.2

97 52.8 42.2 63.4

132 30.2 24.0 36.0



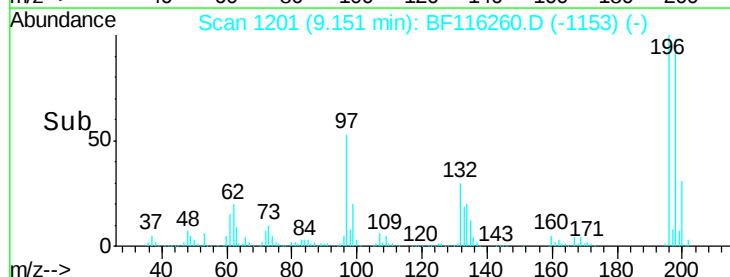
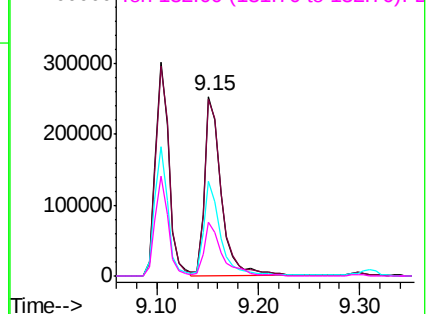
Abundance

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

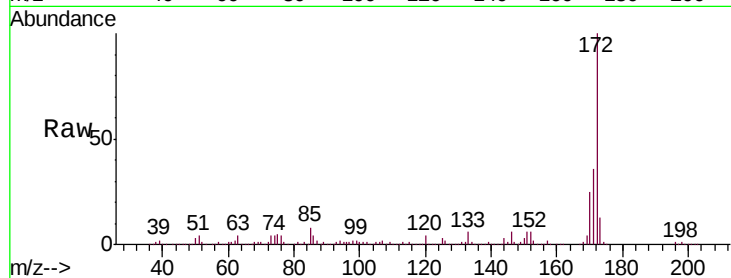




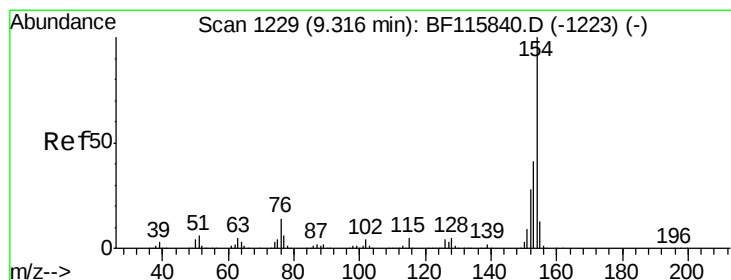
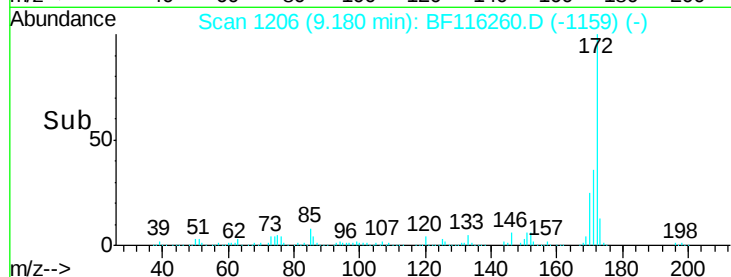
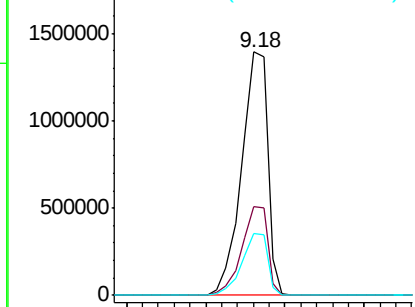
#45
2-Fluorobiphenyl
Concen: 78.920 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 1593567
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 25.3 20.1 30.1

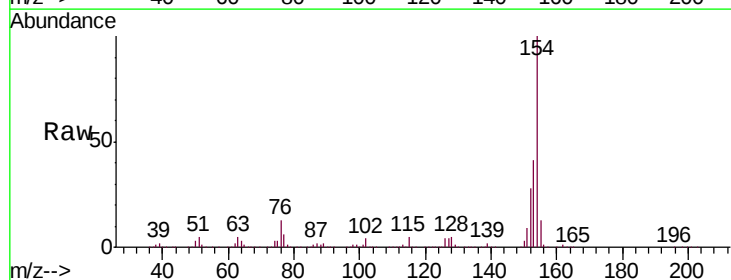


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

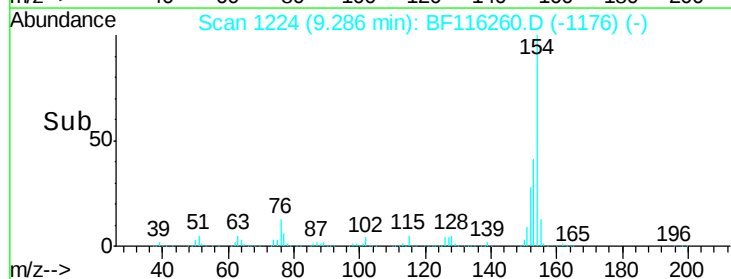
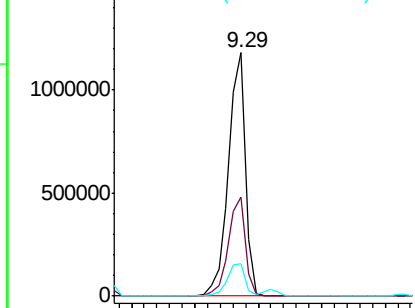


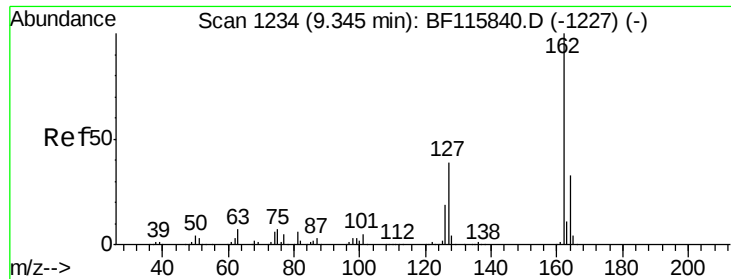
#46
1,1'-Biphenyl
Concen: 40.880 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion:154 Resp: 1091579
Ion Ratio Lower Upper
154 100
153 40.7 21.4 61.4
76 13.2 0.0 35.2



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

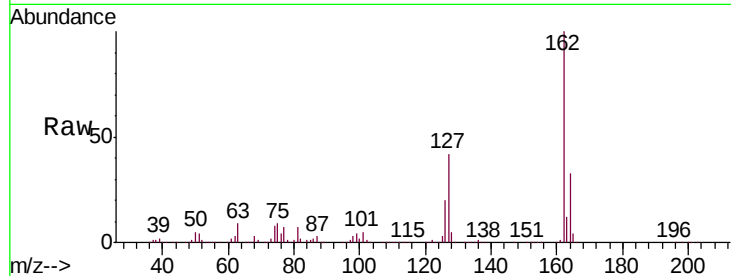




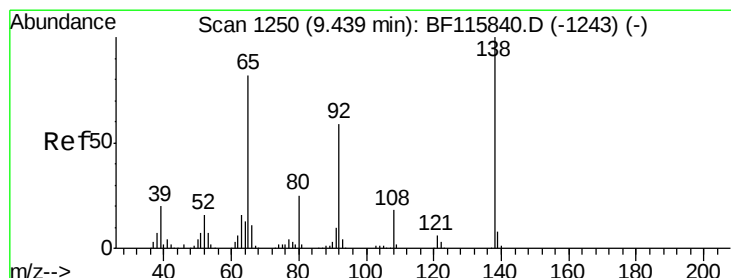
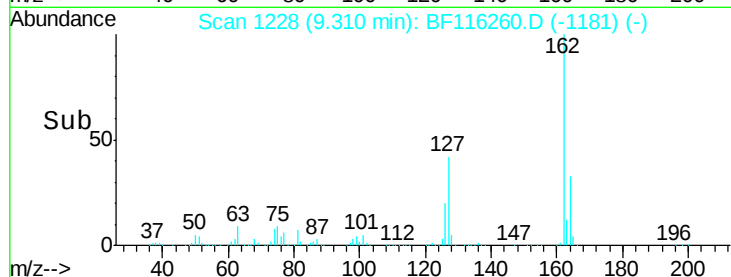
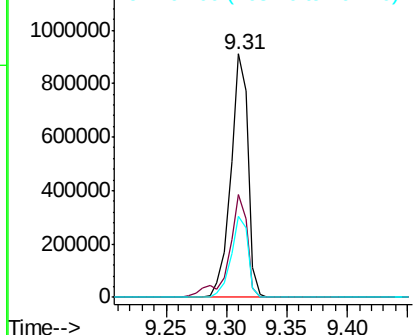
#47
 2-Chloronaphthalene
 Concen: 40.616 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.8	49.2
164	33.4	26.6	39.8

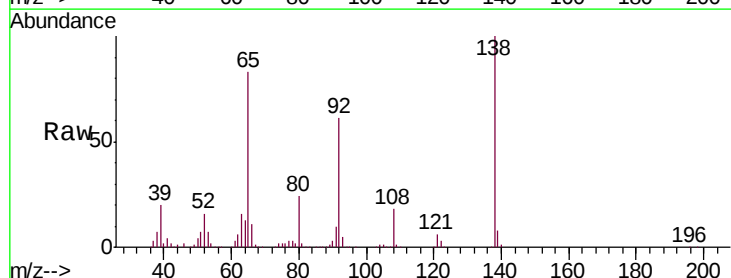


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

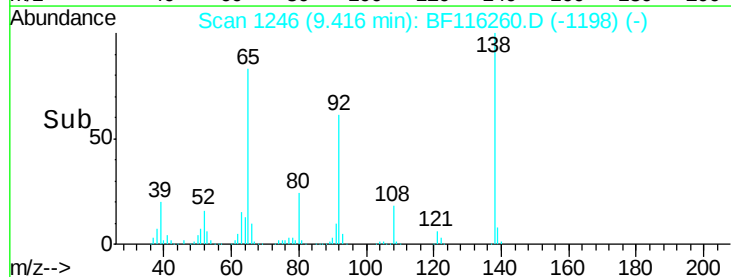
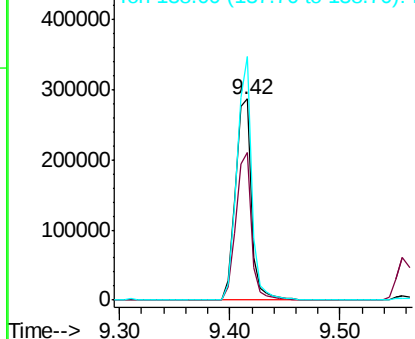


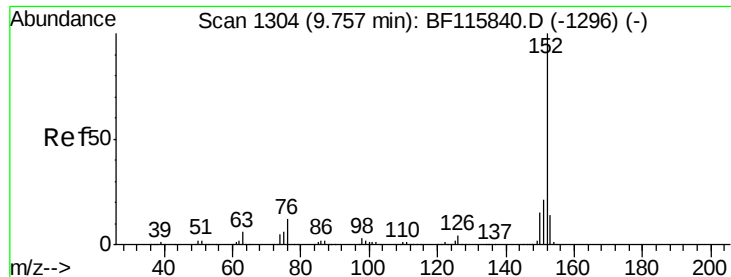
#48
 2-Nitroaniline
 Concen: 40.351 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	57.8	86.8
138	121.2	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: 39.847 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

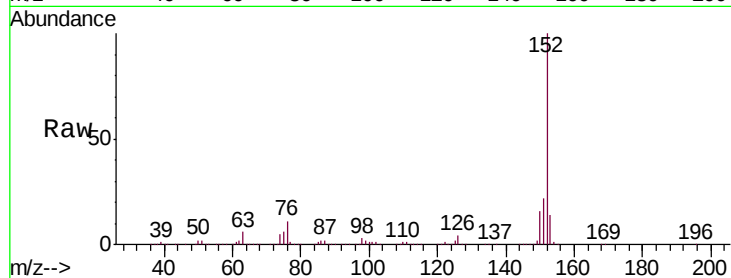
Tgt Ion:152 Resp: 1291945

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

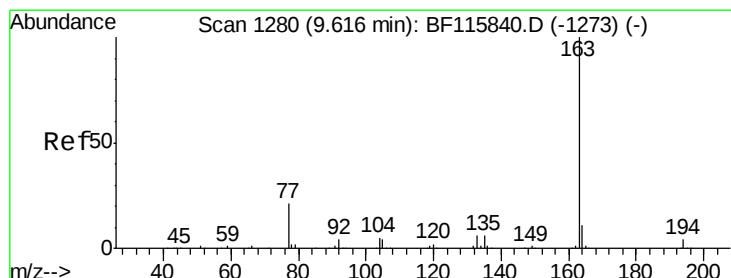
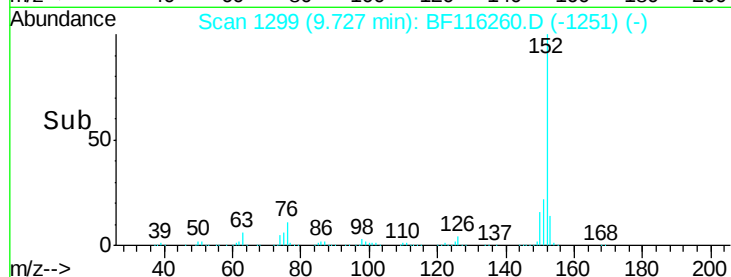
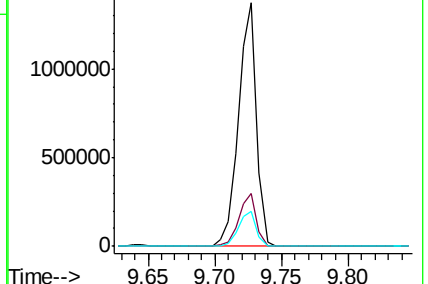
153 14.2 11.8 17.8



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: 41.960 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

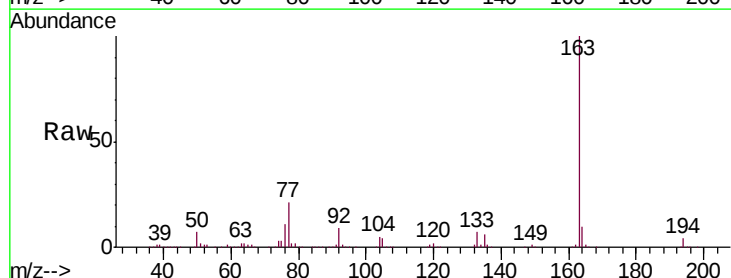
Tgt Ion:163 Resp: 1080566

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

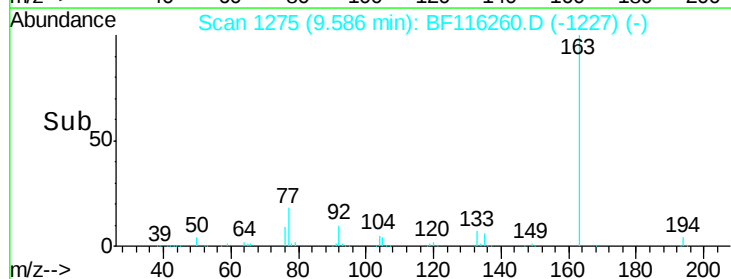
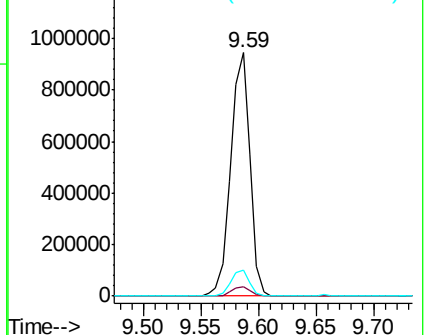
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

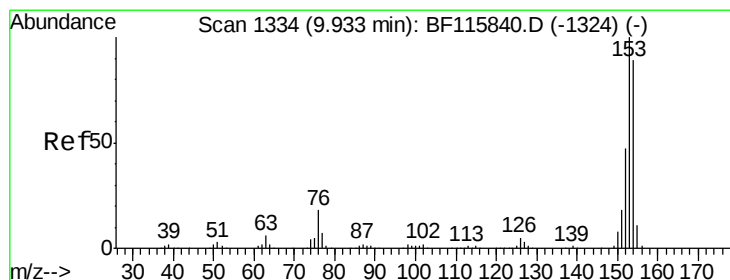
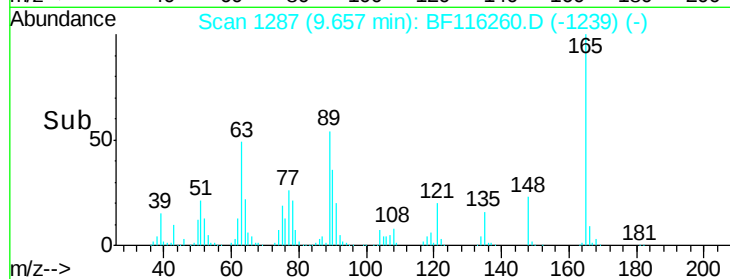
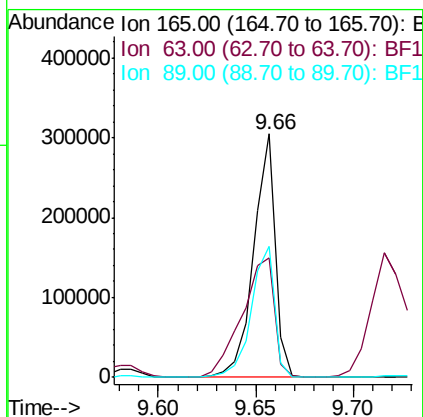
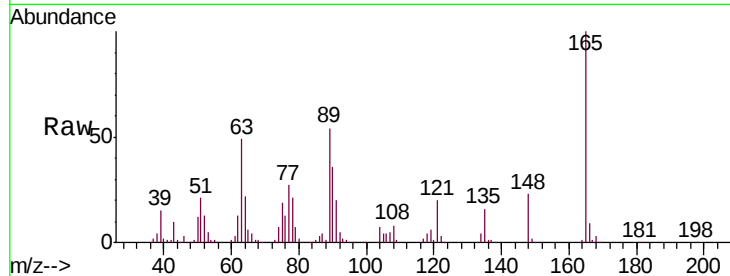




#51
 2,6-Dinitrotoluene
 Concen: 41.996 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

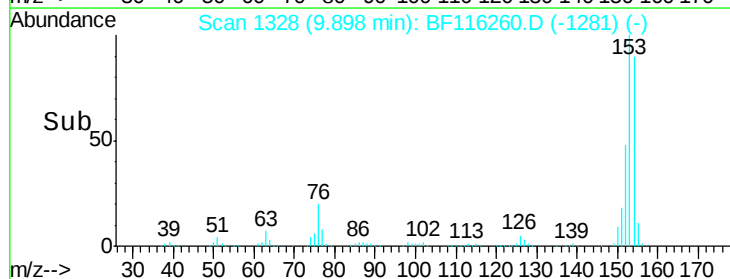
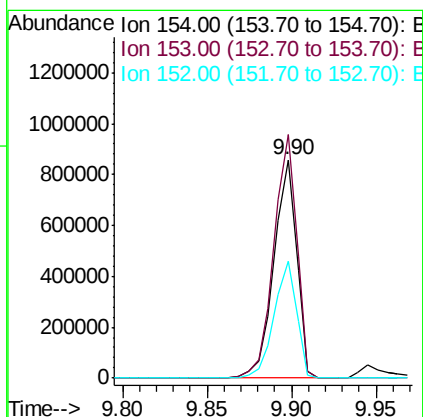
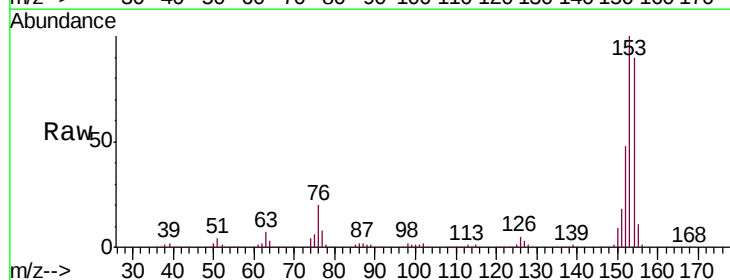
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

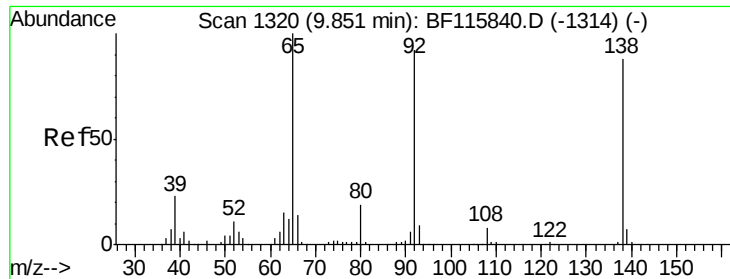
Tgt Ion:165 Resp: 235027
 Ion Ratio Lower Upper
 165 100
 63 49.2 38.2 57.2
 89 53.8 42.9 64.3



#52
 Acenaphthene
 Concen: 40.331 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion:154 Resp: 802219
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.4 134.0
 152 53.5 42.3 63.5

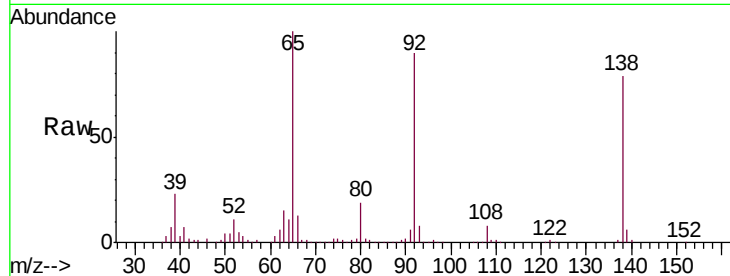




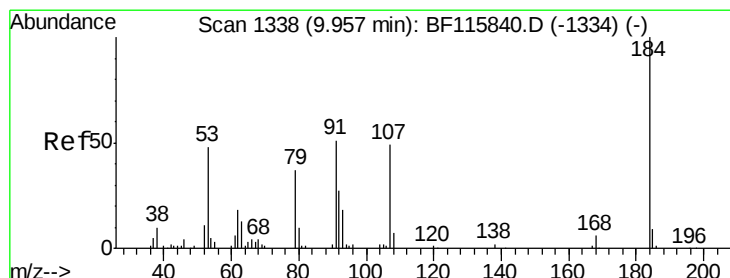
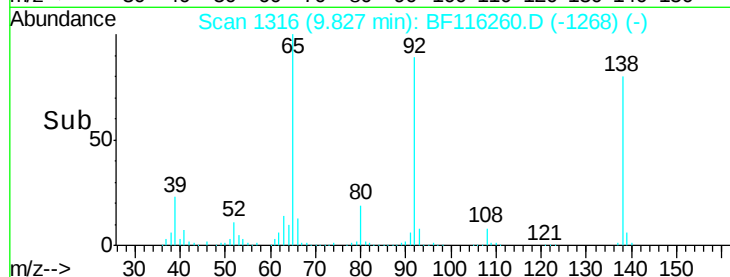
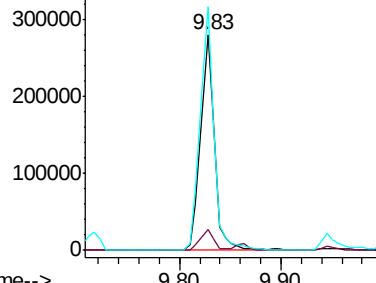
#53
3-Nitroaniline
Concen: 39.219 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:138 Resp: 271203
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 113.0 91.0 136.6

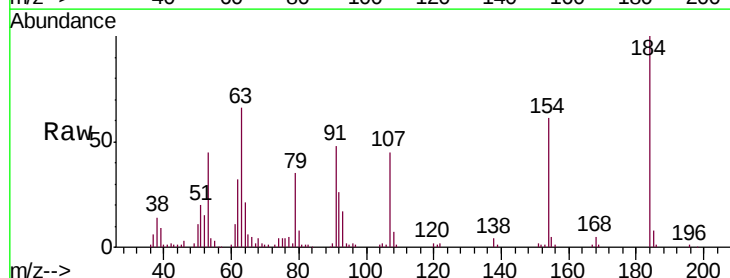


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

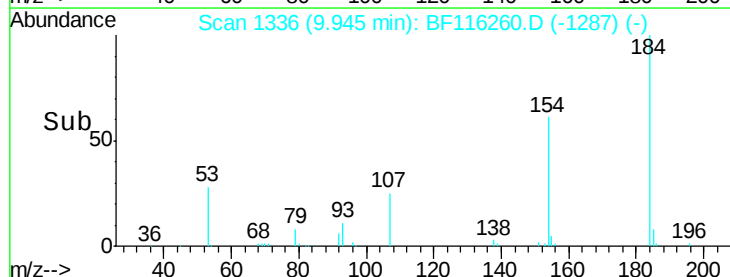
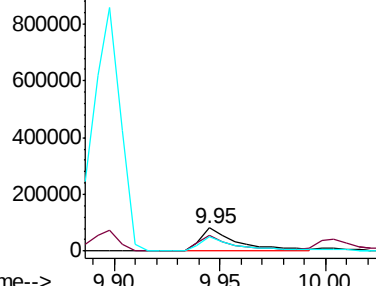


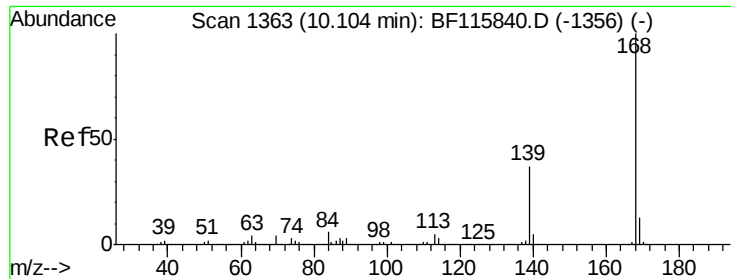
#54
2,4-Dinitrophenol
Concen: 39.432 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion:184 Resp: 99742
Ion Ratio Lower Upper
184 100
63 65.9 53.0 79.4
154 60.9 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: 38.081 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

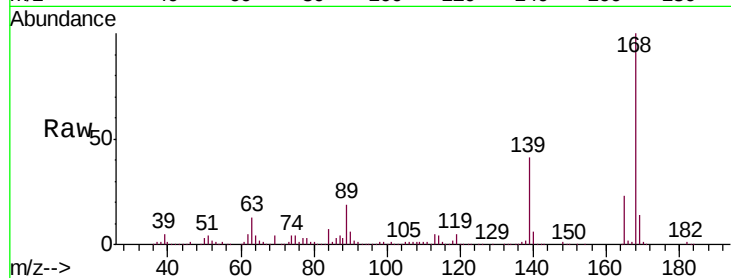
Tgt Ion:168 Resp: 1101547

Ion Ratio Lower Upper

168 100

139 41.2 31.4 47.2

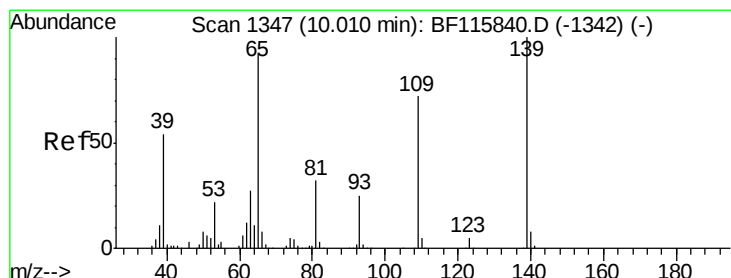
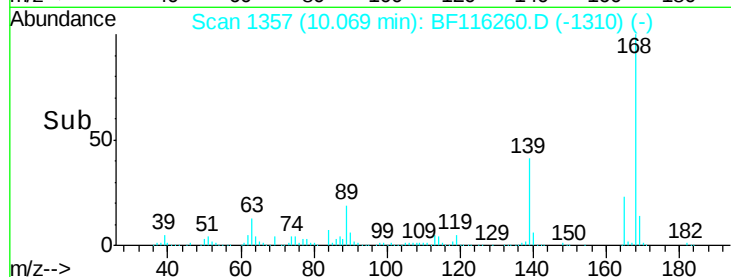
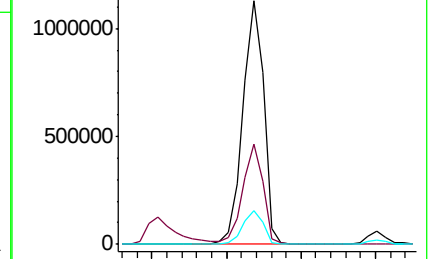
169 14.0 10.9 16.3



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: 37.349 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

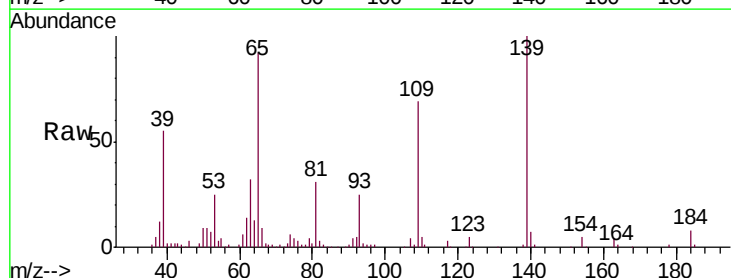
Tgt Ion:139 Resp: 165447

Ion Ratio Lower Upper

139 100

109 68.7 54.4 94.4

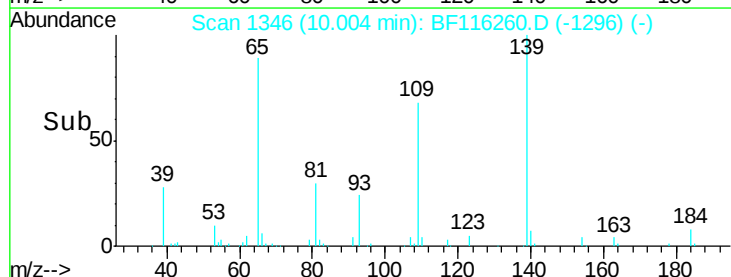
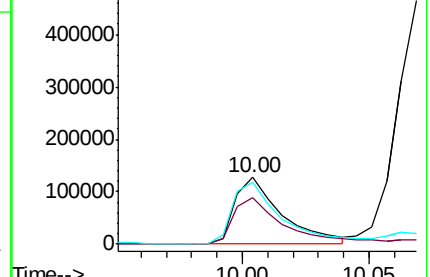
65 92.5 80.6 120.6

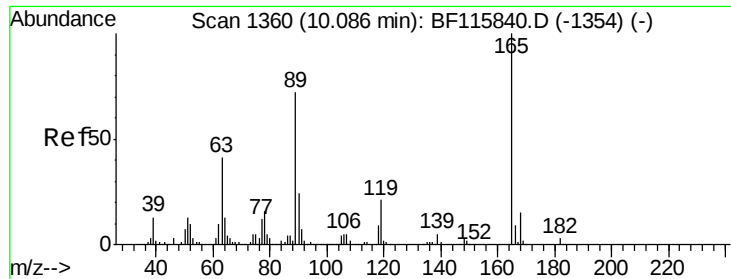


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 36.974 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:165 Resp: 275500

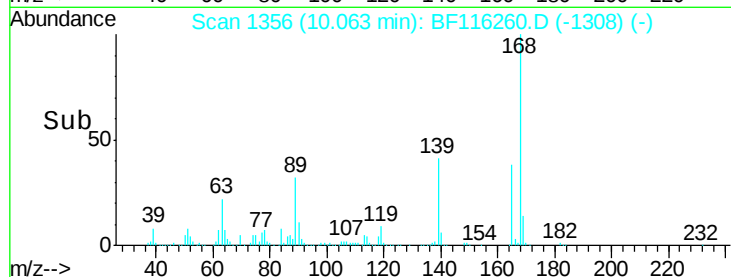
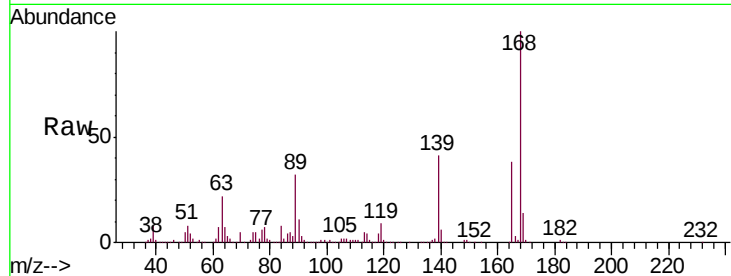
Ion Ratio Lower Upper

165 100

63 59.1 39.6 59.4

89 84.4 62.2 93.2

182 2.6 2.1 3.1

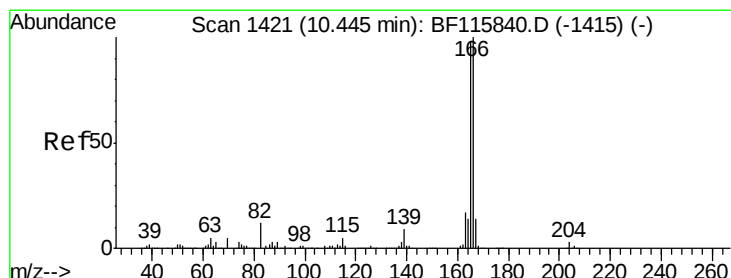
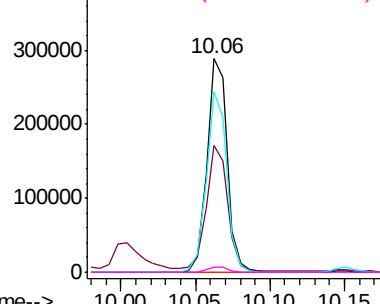


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.166 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

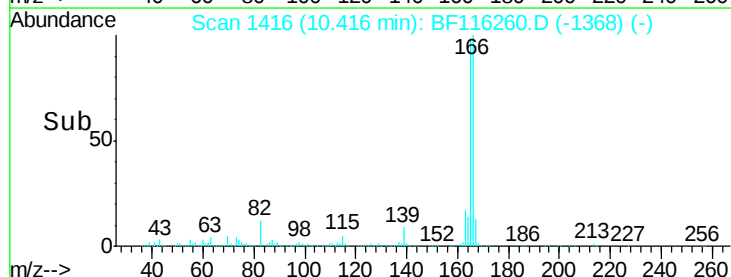
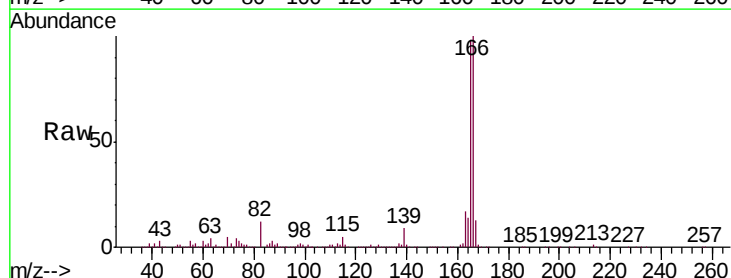
Tgt Ion:166 Resp: 893891

Ion Ratio Lower Upper

166 100

165 98.2 78.4 117.6

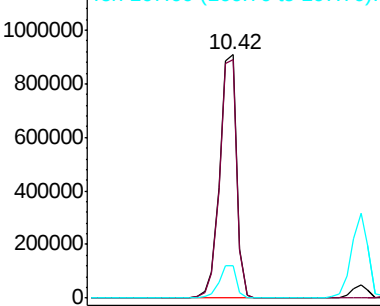
167 13.2 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

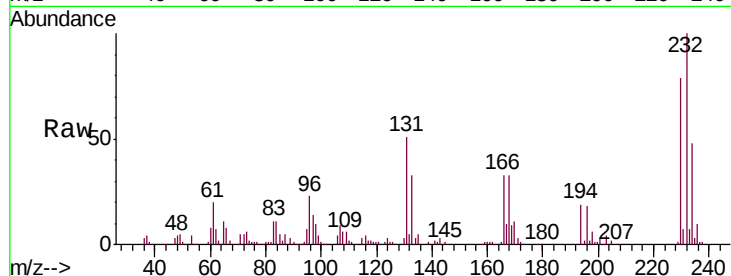




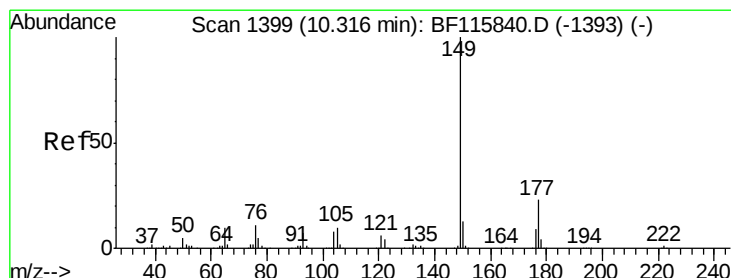
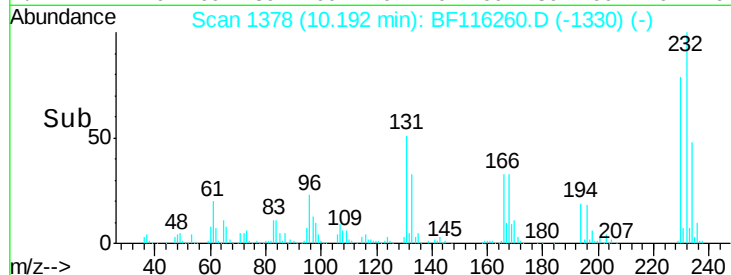
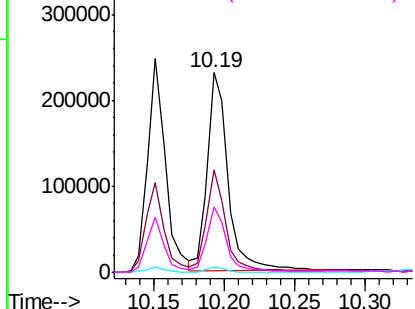
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.376 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 232 Resp: 238330
 Ion Ratio Lower Upper
 232 100
 131 46.5 36.2 54.2
 130 2.5 1.9 2.9
 166 30.5 23.0 34.4

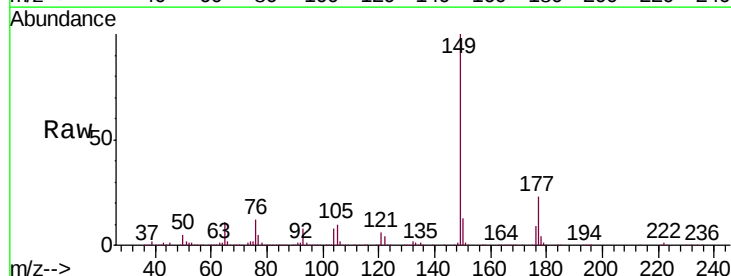


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

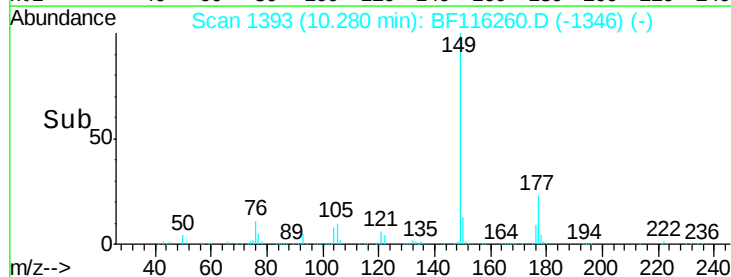
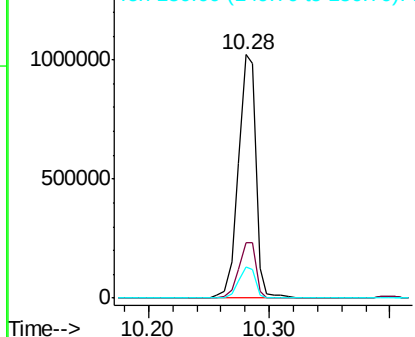


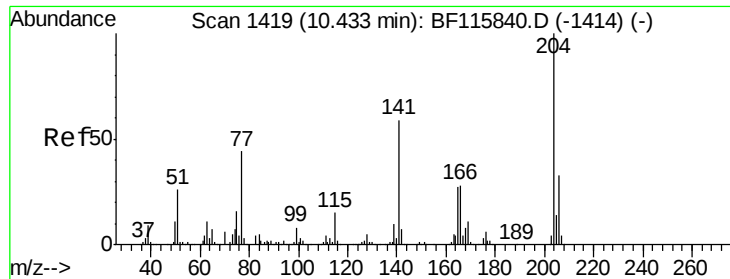
#60
 Diethylphthalate
 Concen: 43.257 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion: 149 Resp: 1040018
 Ion Ratio Lower Upper
 149 100
 177 22.7 18.8 28.2
 150 13.0 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

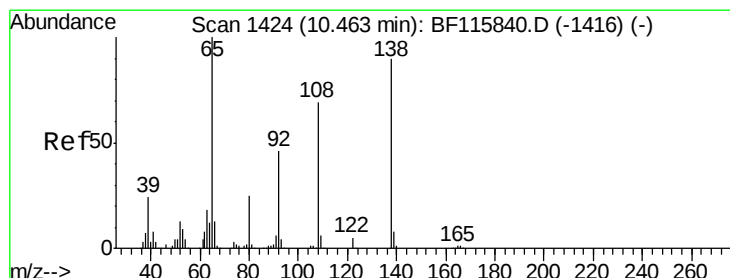
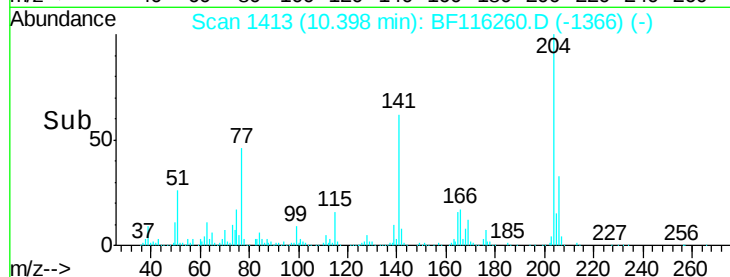
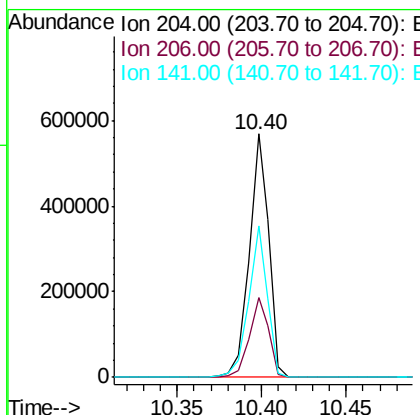
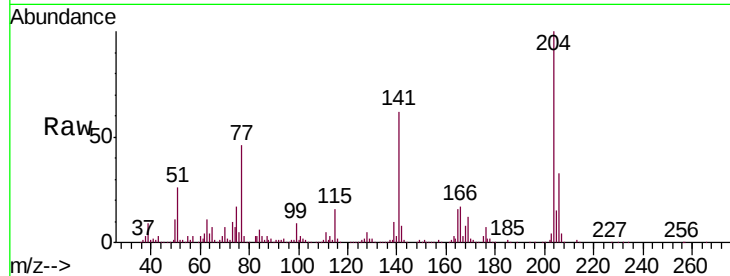




#61
 4-Chlorophenyl-phenylether
 Concen: 40.667 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

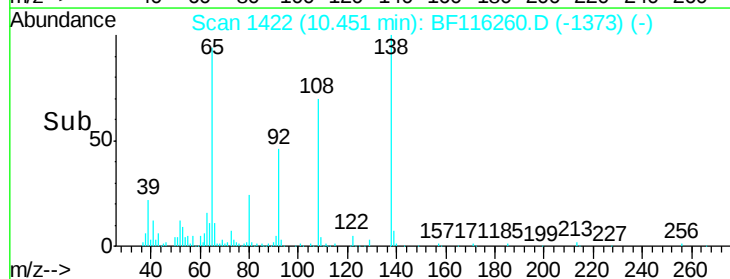
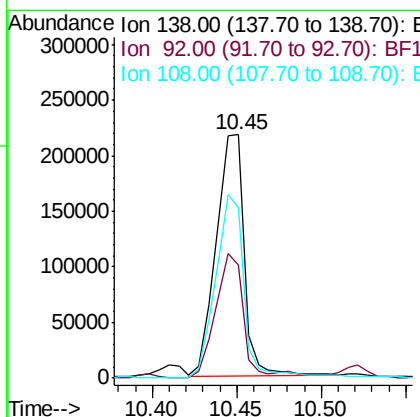
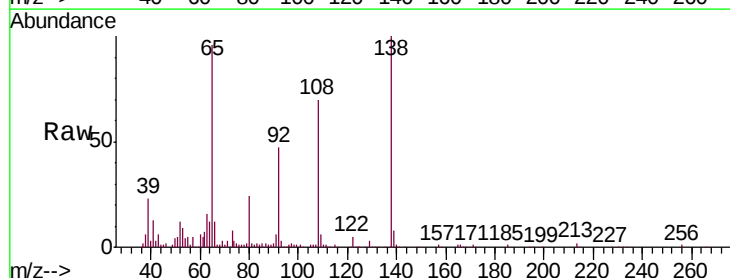
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

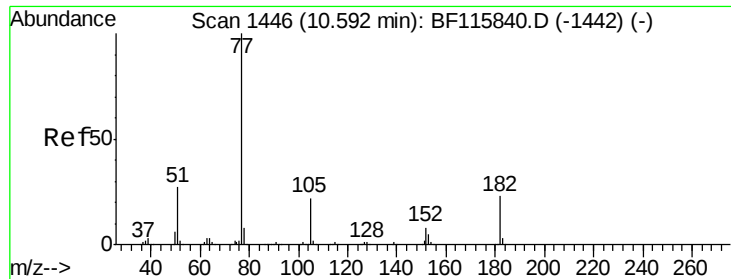
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.4	39.6
141	62.3	46.4	69.6



#62
 4-Nitroaniline
 Concen: 35.271 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	29.0	69.0
108	70.3	54.7	94.7





#63

Azobenzene

Concen: 41.754 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 77 Resp: 1032549

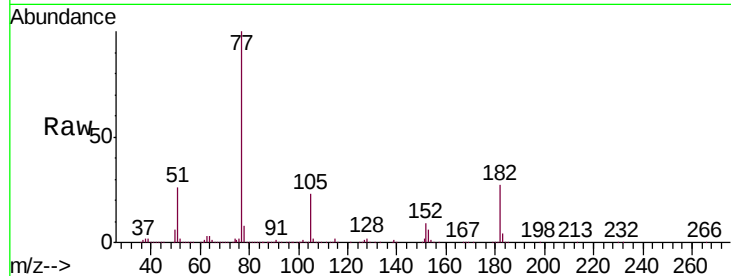
Ion Ratio Lower Upper

77 100

182 26.6 4.0 44.0

105 23.0 2.0 42.0

51 26.4 7.5 47.5

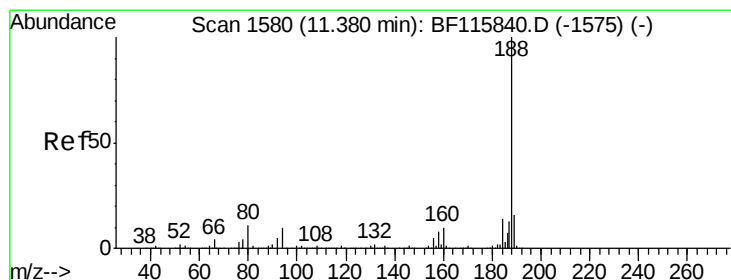
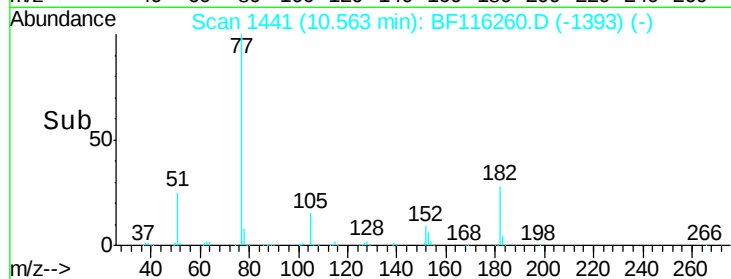
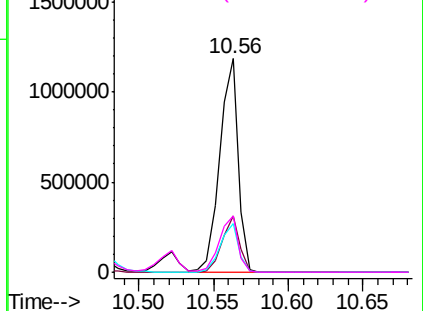


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

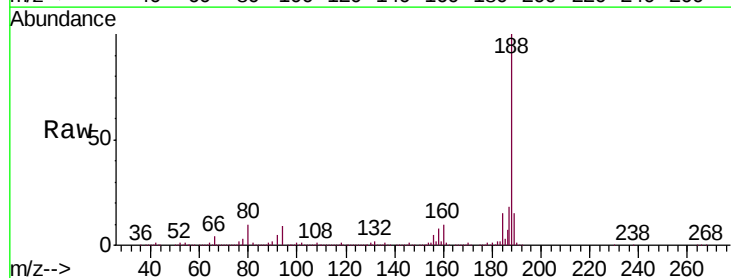
Tgt Ion: 188 Resp: 649459

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

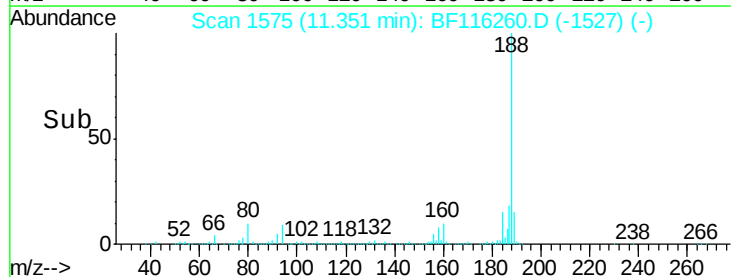
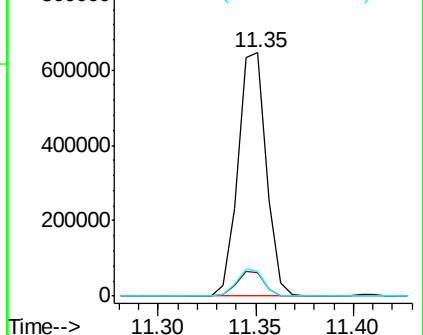
80 10.1 8.7 13.1

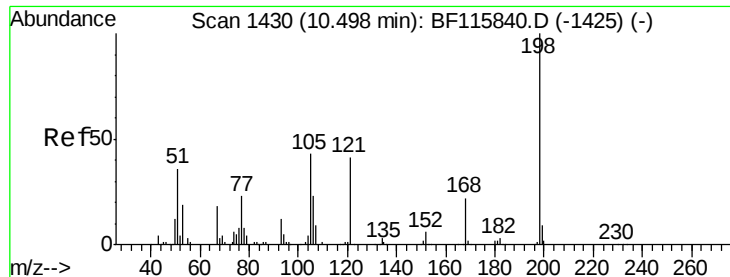


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 46.557 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

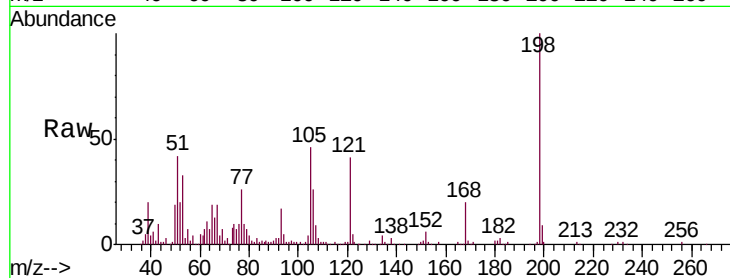
Tgt Ion:198 Resp: 160236

Ion Ratio Lower Upper

198 100

51 42.1 17.0 57.0

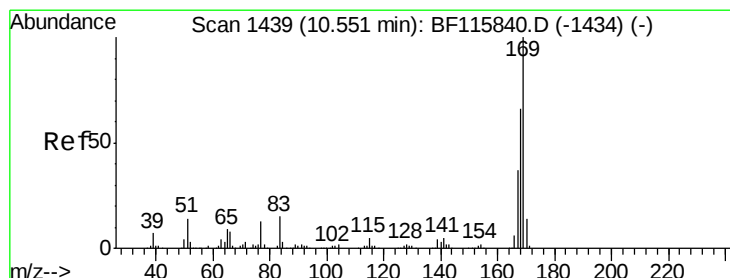
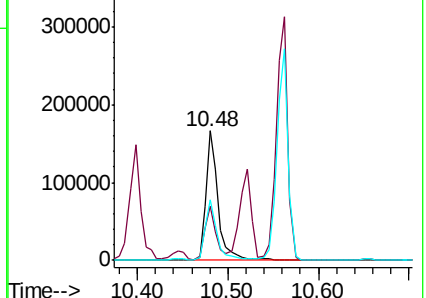
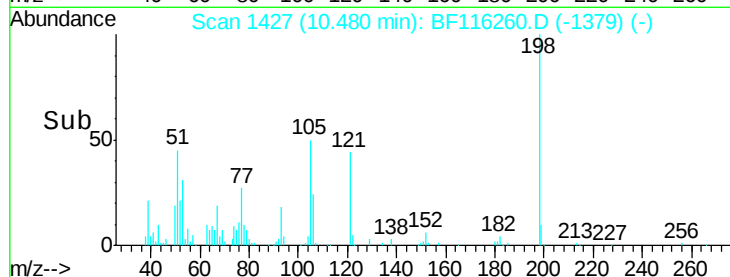
105 46.3 21.6 61.6



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: 42.360 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

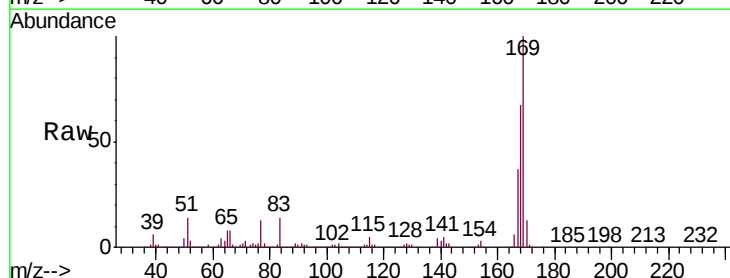
Tgt Ion:169 Resp: 828065

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

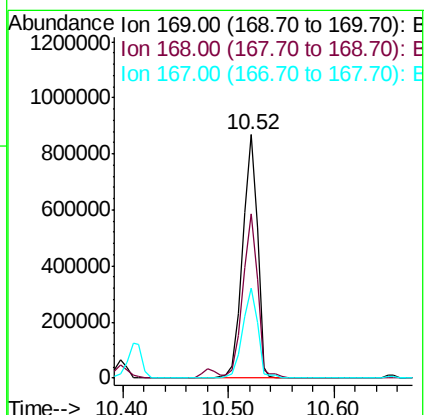
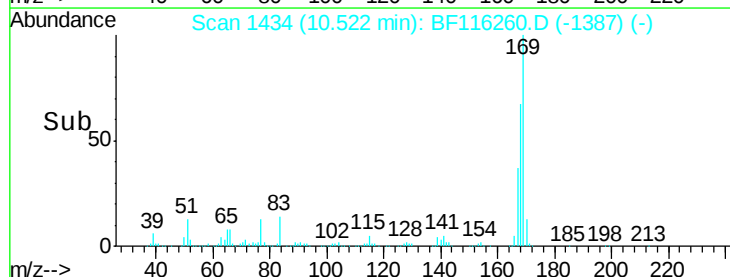
167 36.8 29.6 44.4

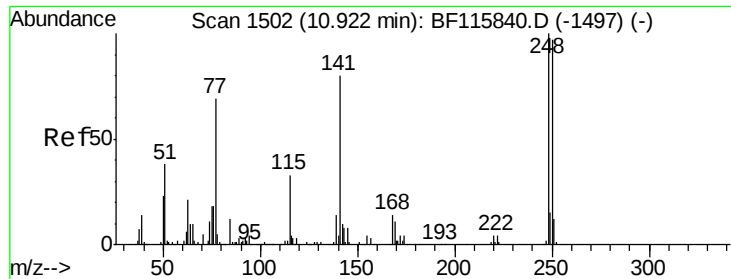


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

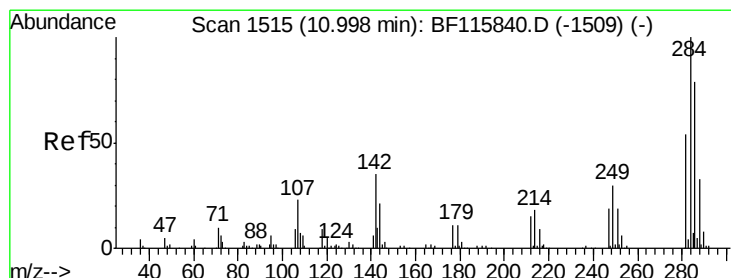
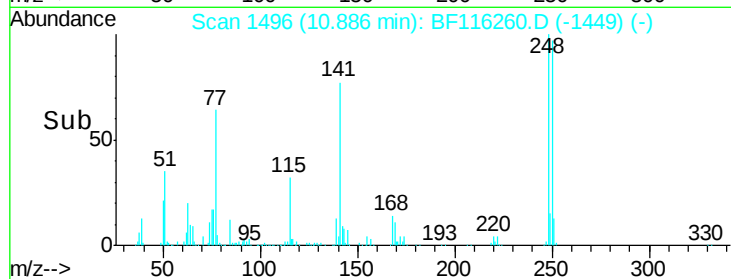
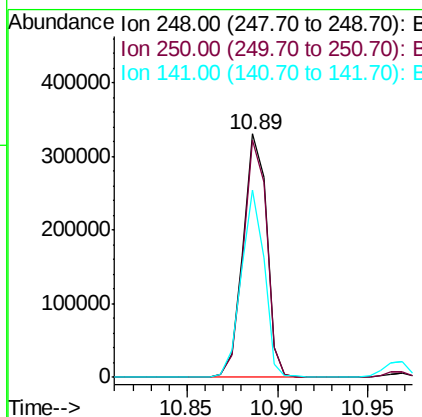
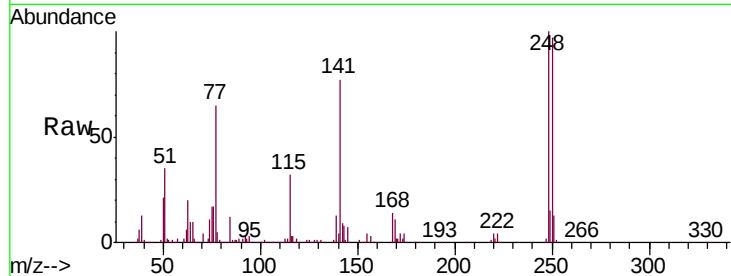




#67
 4-Bromophenyl-phenylether
 Concen: 43.200 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

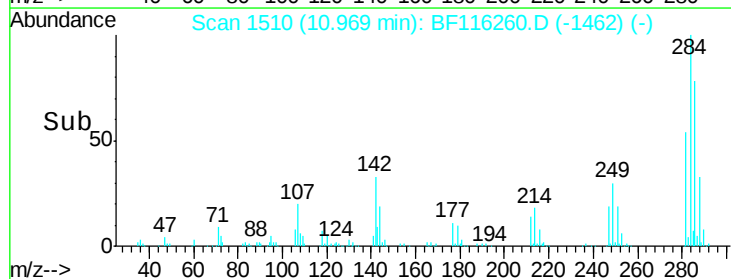
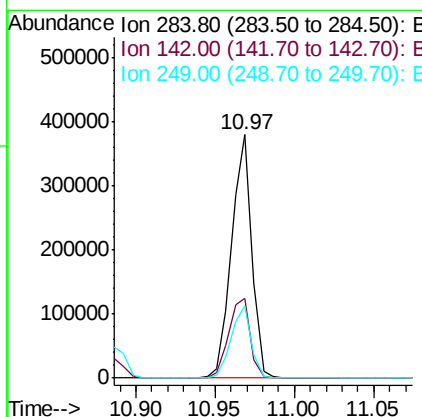
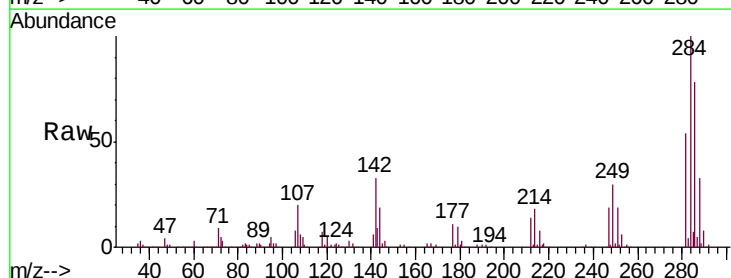
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:	248	Resp:	300344
Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.4	116.2
141	76.8	56.8	85.2



#68
 Hexachlorobenzene
 Concen: 41.693 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion:	284	Resp:	335190
Ion	Ratio	Lower	Upper
284	100		
142	32.6	28.4	42.6
249	29.8	24.5	36.7

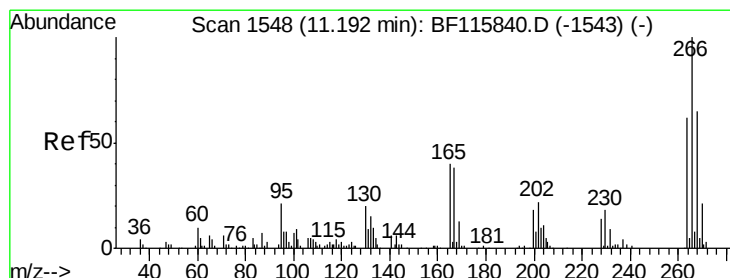
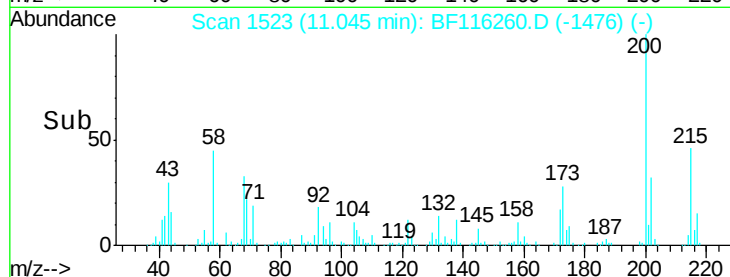
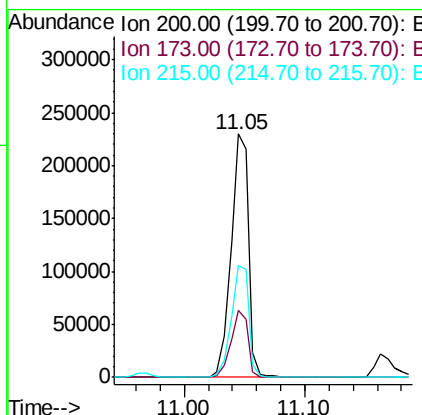
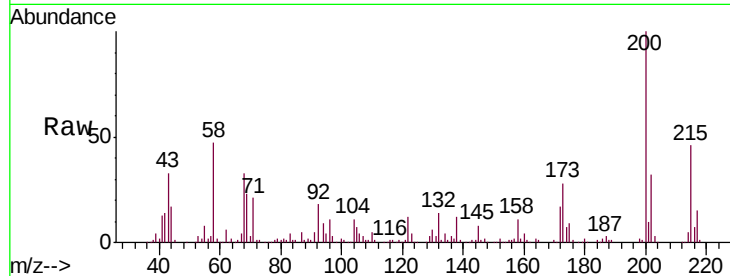




#69
 Atrazine
 Concen: 35.783 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

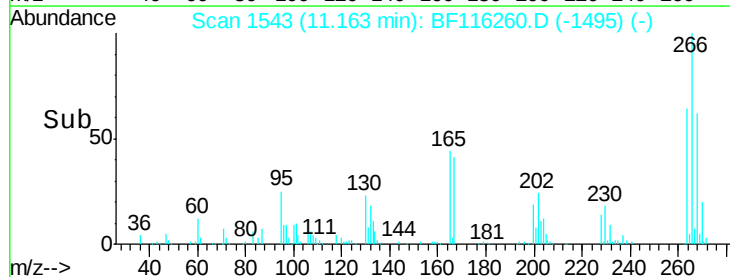
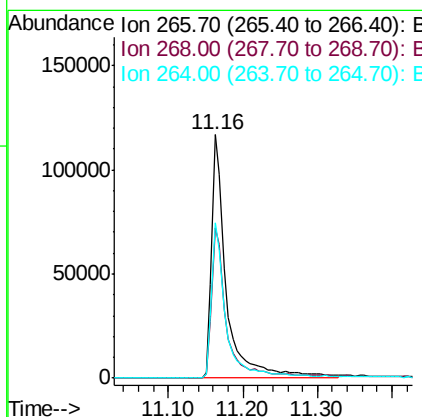
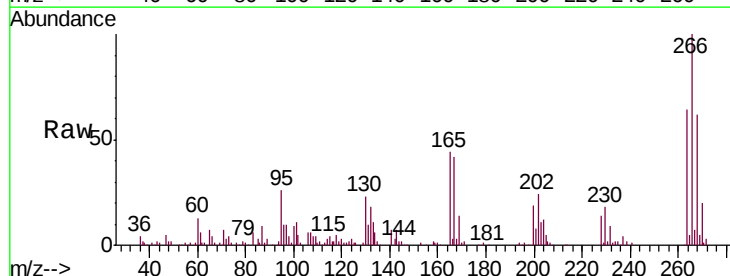
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.8	46.8
215	45.7	27.5	67.5



#70
 Pentachlorophenol
 Concen: 41.691 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	48.8	73.2
264	63.9	50.6	76.0

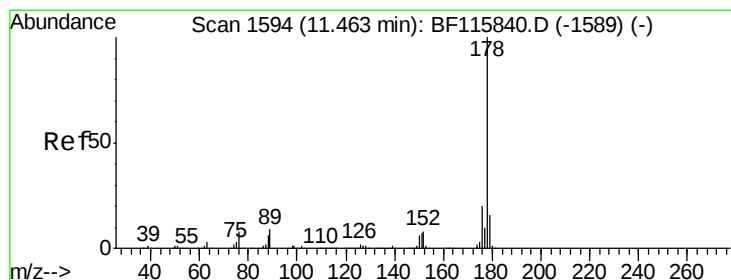
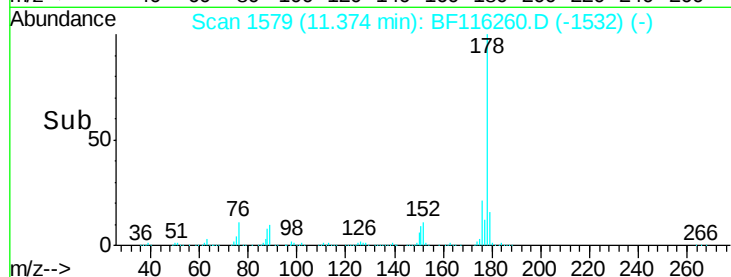
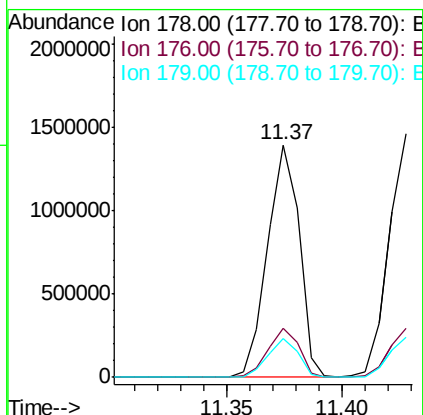
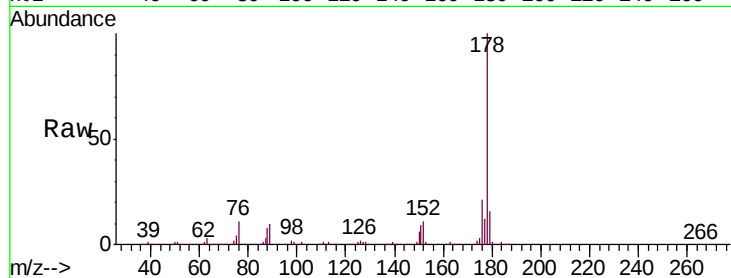




#71
Phenanthrene
Concen: 40.357 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

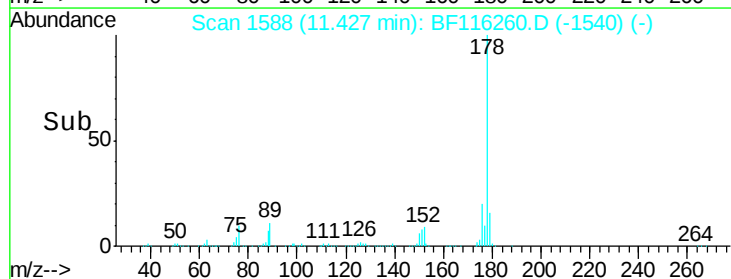
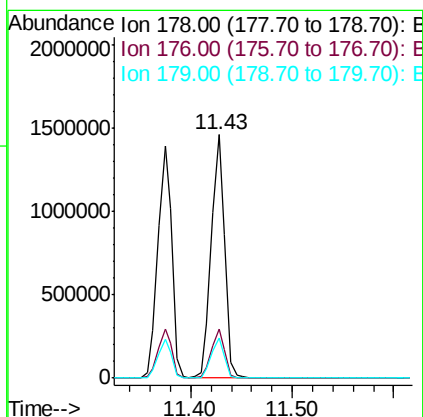
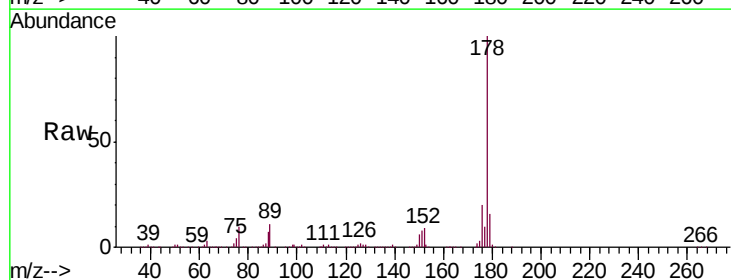
Instrument :
BNA_F
ClientSampleId :
DFTPP

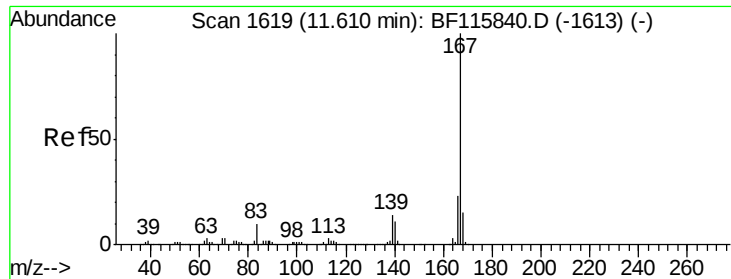
Tgt Ion:178 Resp: 1339913
Ion Ratio Lower Upper
178 100
176 21.1 16.6 24.8
179 16.4 12.5 18.7



#72
Anthracene
Concen: 40.333 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion:178 Resp: 1355270
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 16.3 13.0 19.6

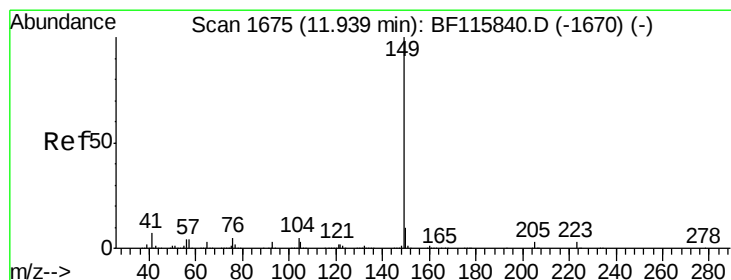
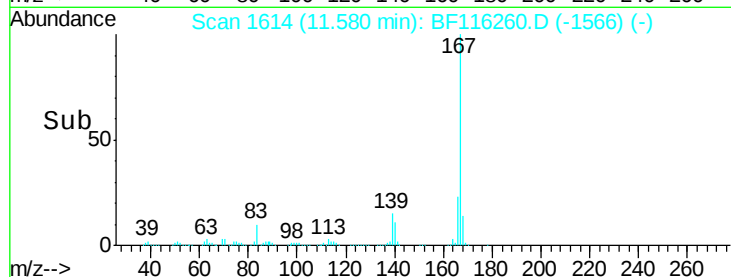
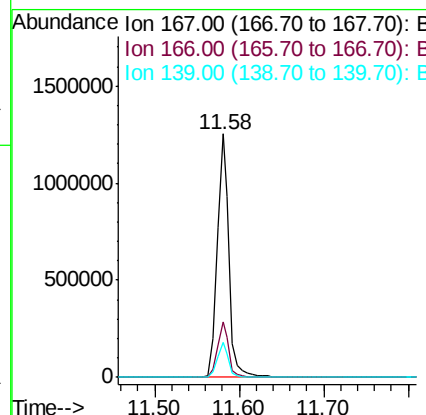
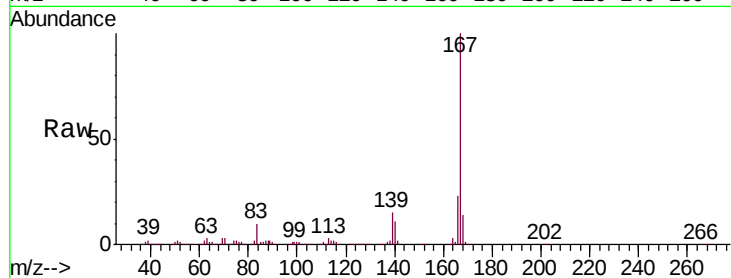




#73
 Carbazole
 Concen: 40.708 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

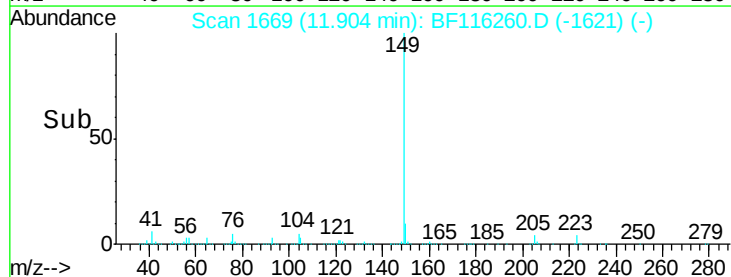
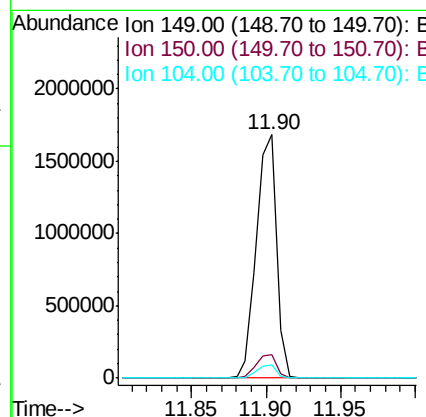
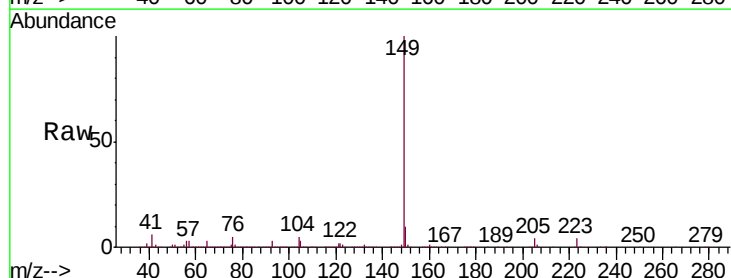
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:167 Resp: 1240978
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 14.5 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 44.149 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion:149 Resp: 1570036
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.0 12.0
 104 5.2 4.5 6.7





#75

Fluoranthene

Concen: 39.811 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

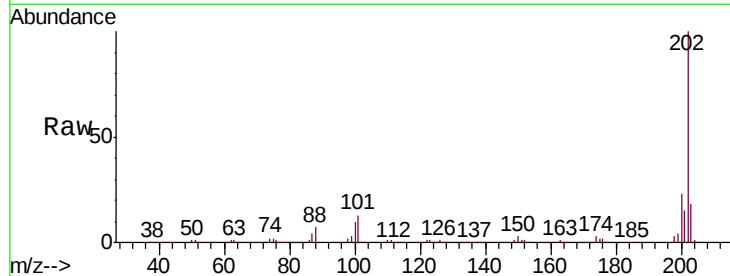
Tgt Ion: 202 Resp: 1383772

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.2

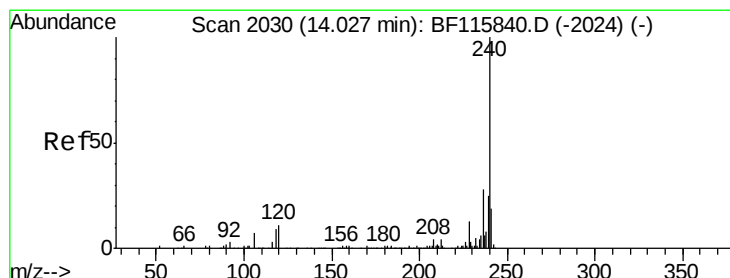
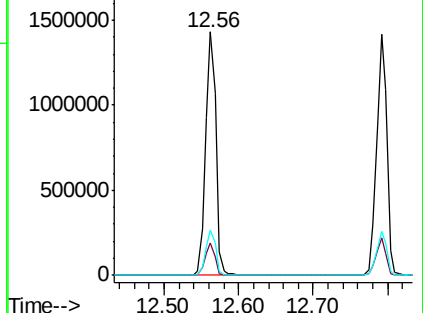
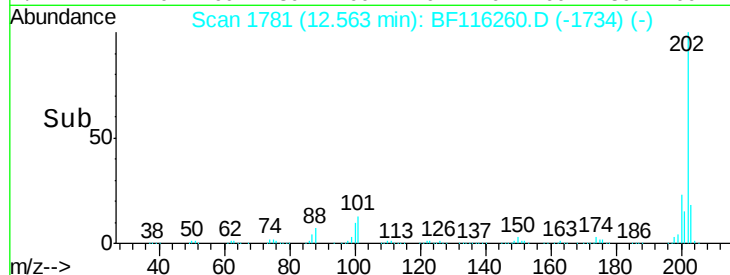
203 18.5 0.0 37.8



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: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

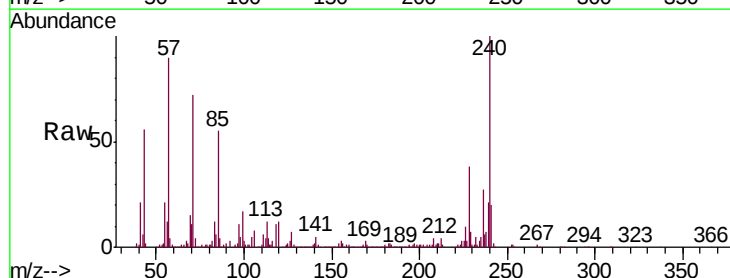
Tgt Ion: 240 Resp: 359158

Ion Ratio Lower Upper

240 100

120 11.8 10.7 16.1

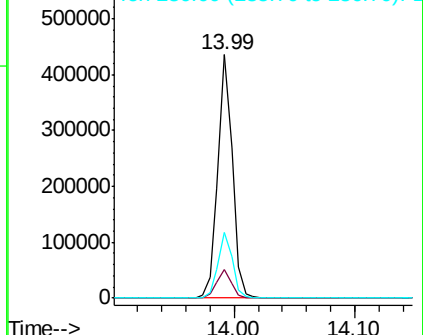
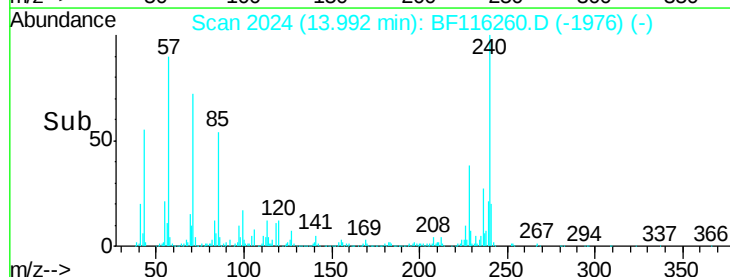
236 26.9 22.2 33.2

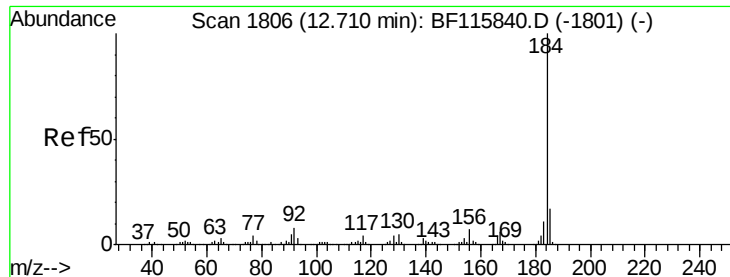


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.031 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

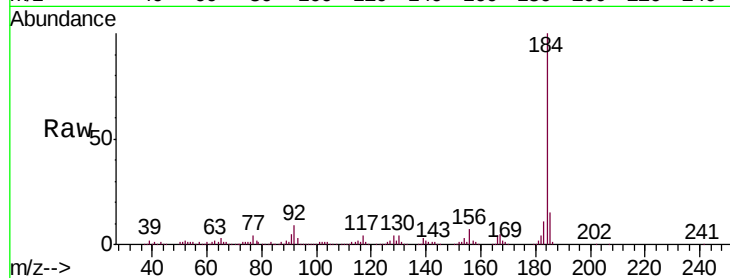
Tgt Ion:184 Resp: 497861

Ion Ratio Lower Upper

184 100

185 15.1 12.8 19.2

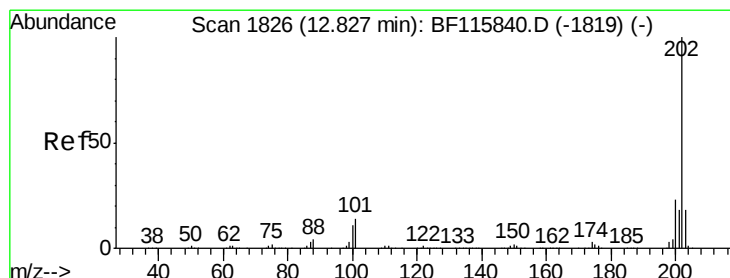
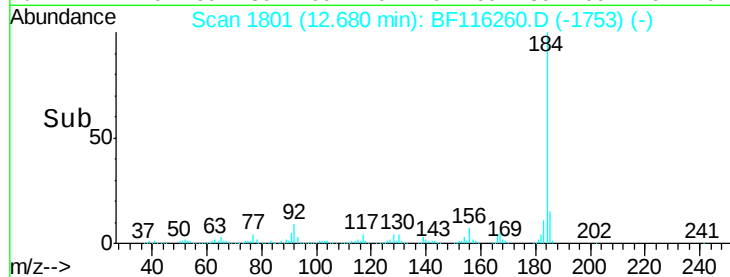
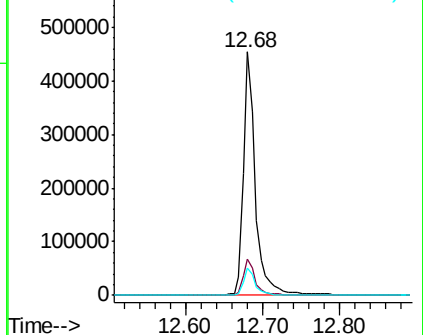
183 11.2 9.4 14.0



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: 51.384 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

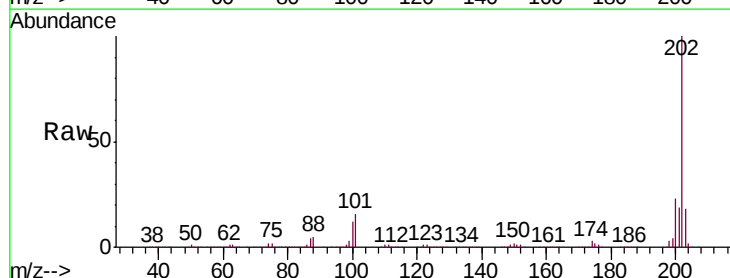
Tgt Ion:202 Resp: 1391162

Ion Ratio Lower Upper

202 100

200 23.1 18.0 27.0

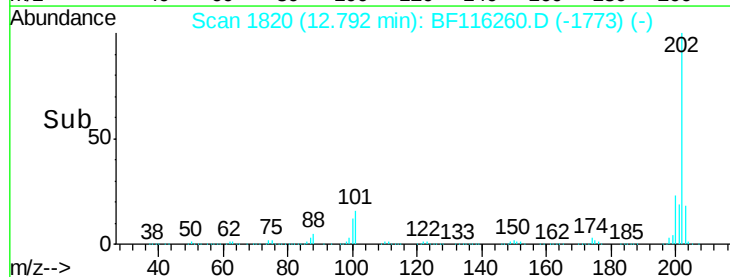
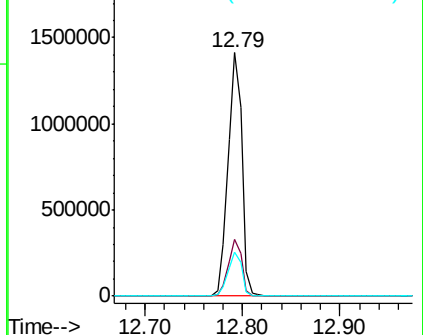
203 18.1 14.1 21.1

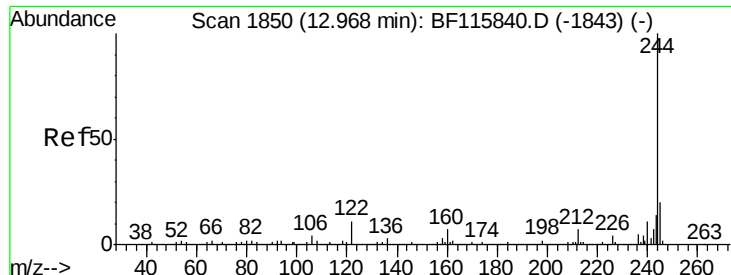


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.742 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

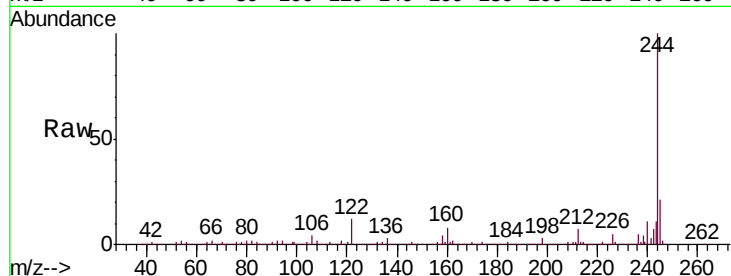
Tgt Ion:244 Resp: 1734152

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

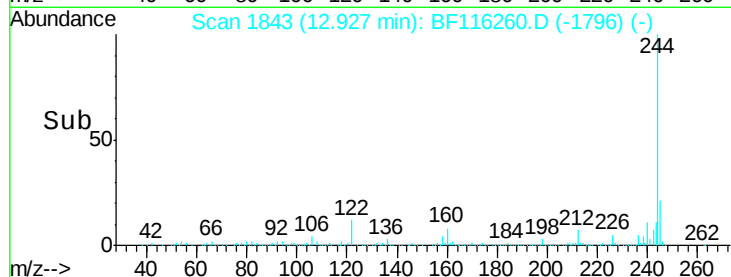
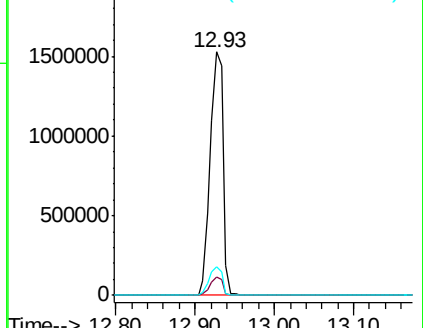
122 11.6 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 57.504 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

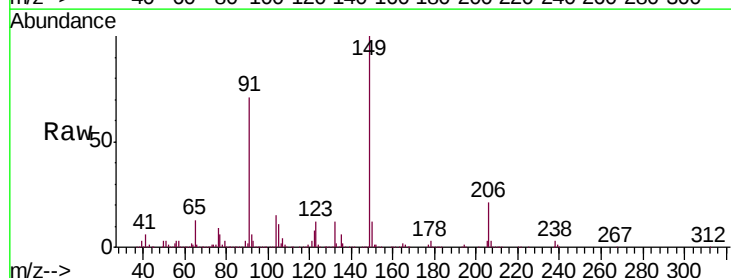
Tgt Ion:149 Resp: 658562

Ion Ratio Lower Upper

149 100

91 71.3 56.3 84.5

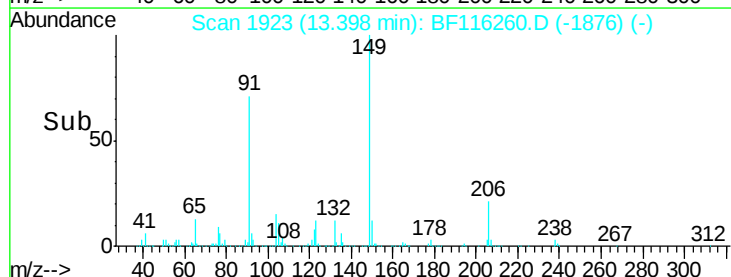
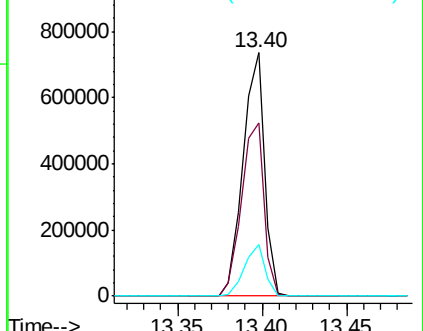
206 21.4 18.0 27.0

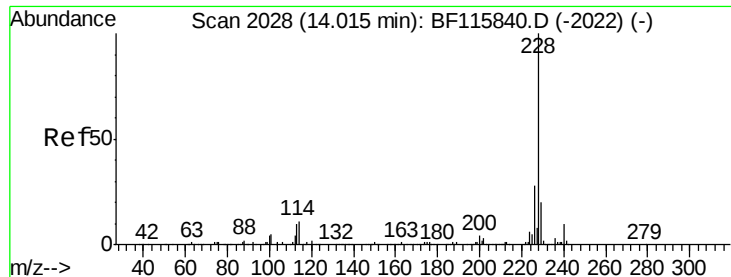


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.979 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

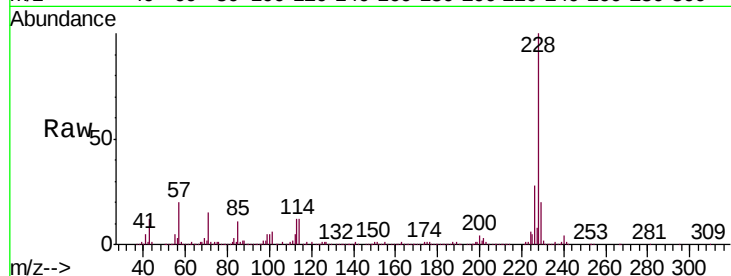
Tgt Ion:228 Resp: 1055490

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

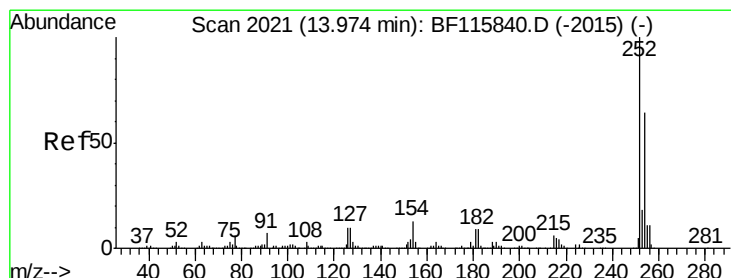
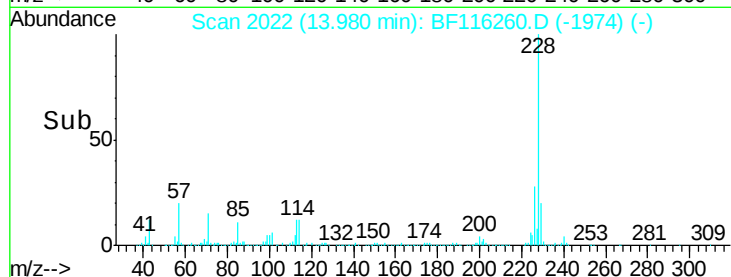
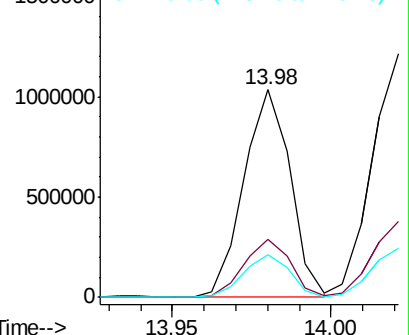
229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 50.559 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

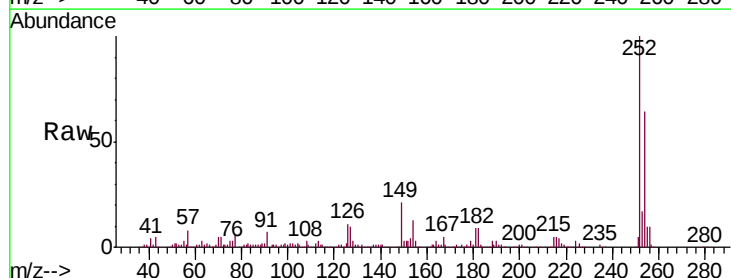
Tgt Ion:252 Resp: 403227

Ion Ratio Lower Upper

252 100

254 64.4 50.9 76.3

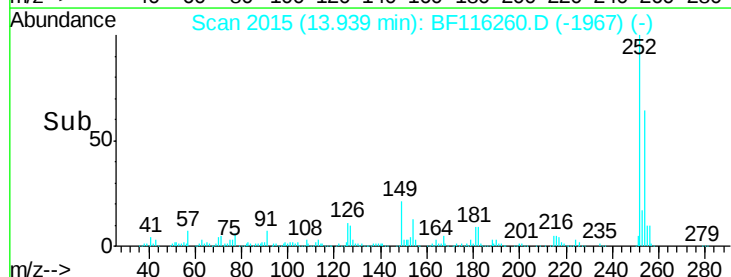
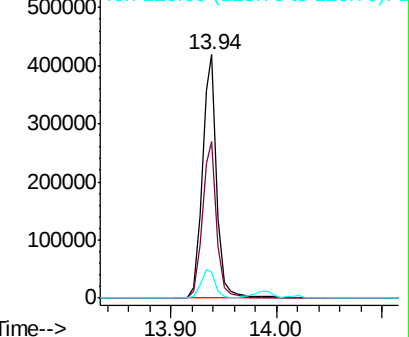
126 10.6 9.8 14.8

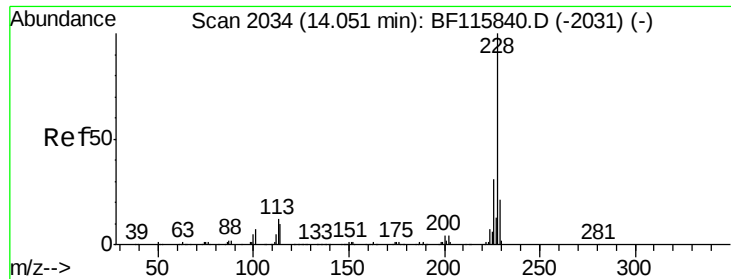


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.379 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

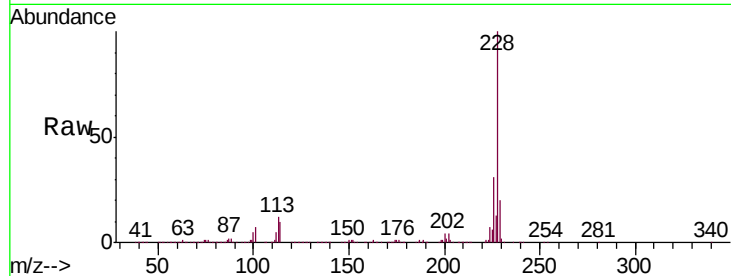
Tgt Ion:228 Resp: 1100494

Ion Ratio Lower Upper

228 100

226 31.4 25.5 38.3

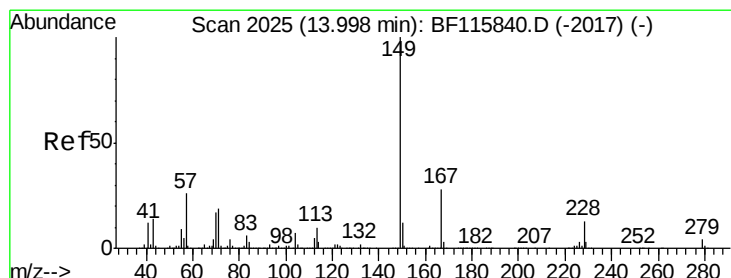
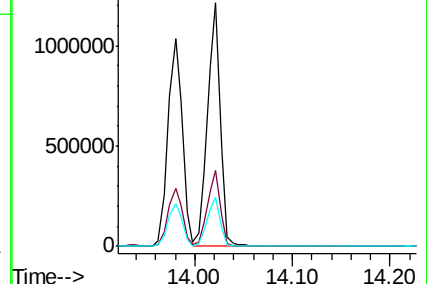
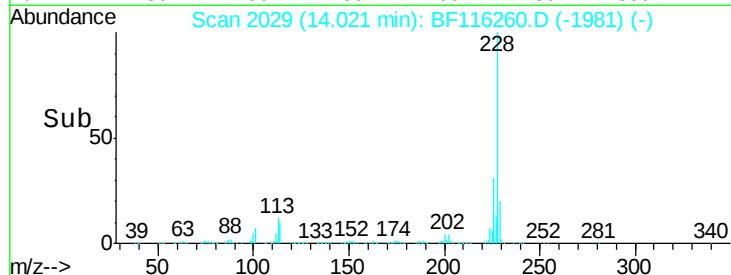
229 20.1 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.544 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

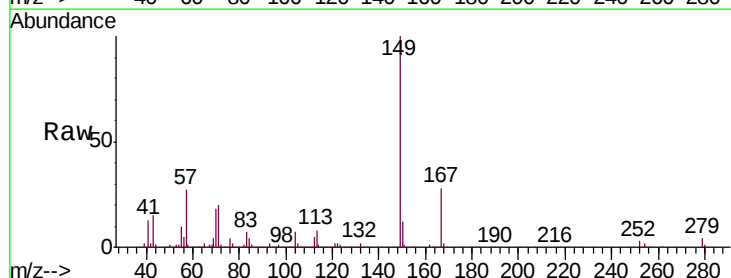
Tgt Ion:149 Resp: 901036

Ion Ratio Lower Upper

149 100

167 27.8 21.6 32.4

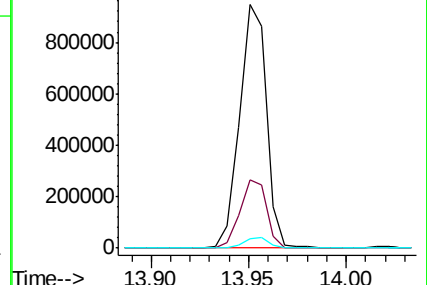
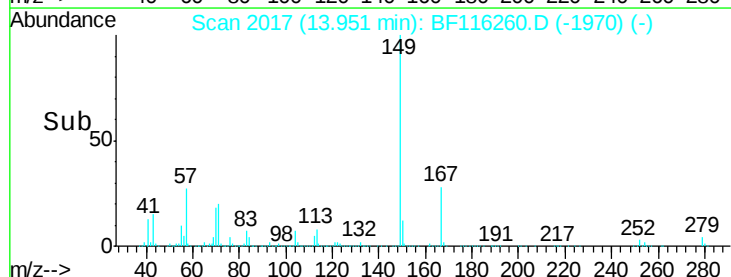
279 4.0 3.0 4.4

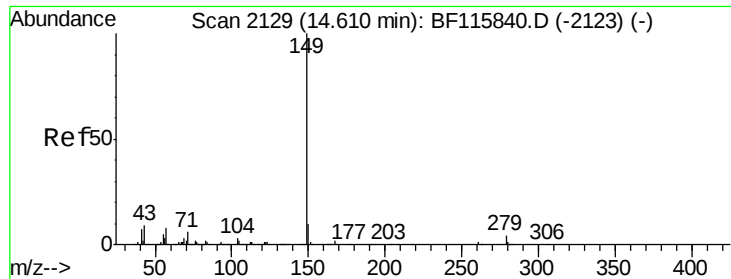


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.455 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

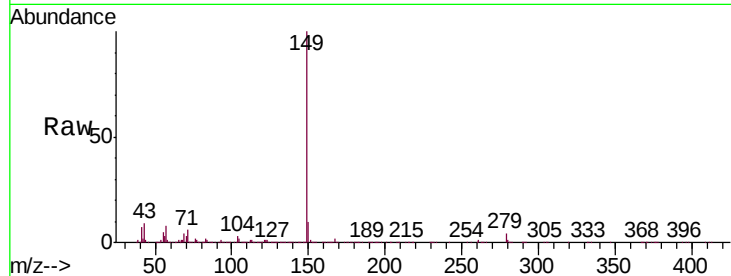
Tgt Ion:149 Resp: 1358147

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

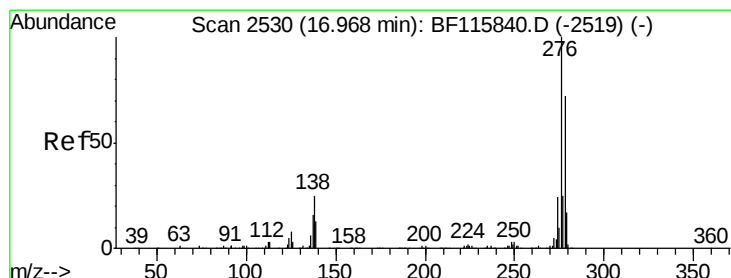
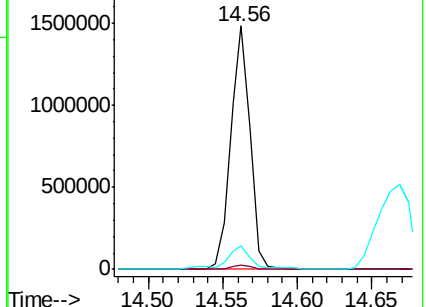
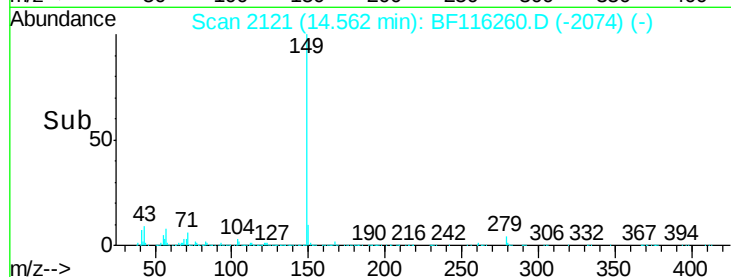
43 10.5 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 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: 48.897 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

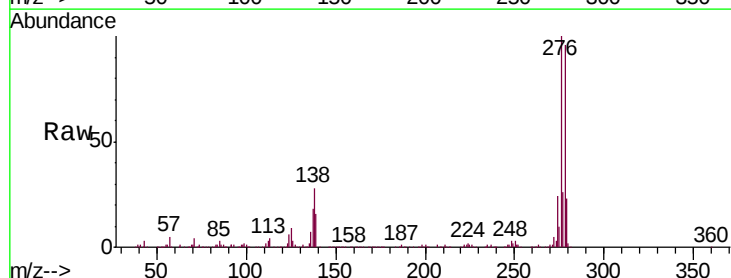
Tgt Ion:276 Resp: 915282

Ion Ratio Lower Upper

276 100

138 26.2 20.4 30.6

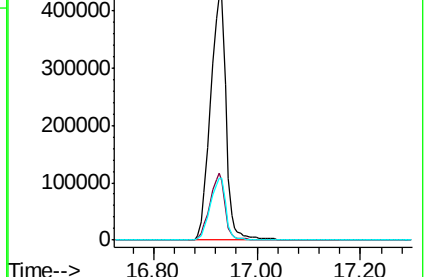
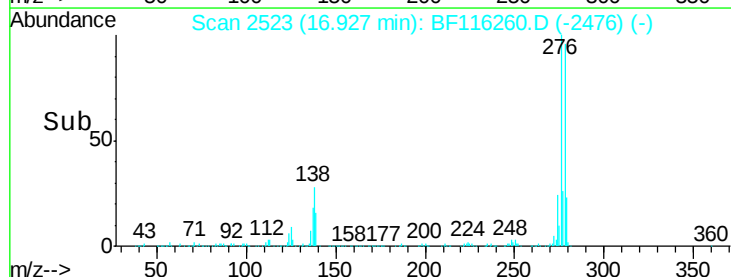
277 25.1 20.0 30.0

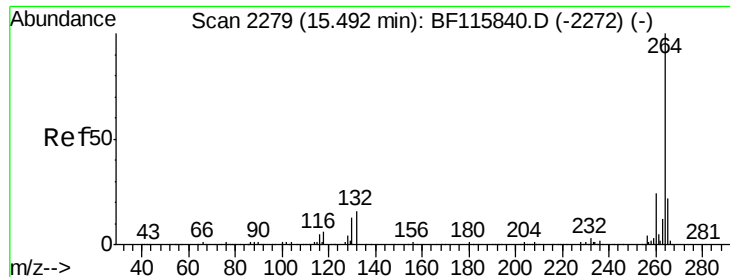


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

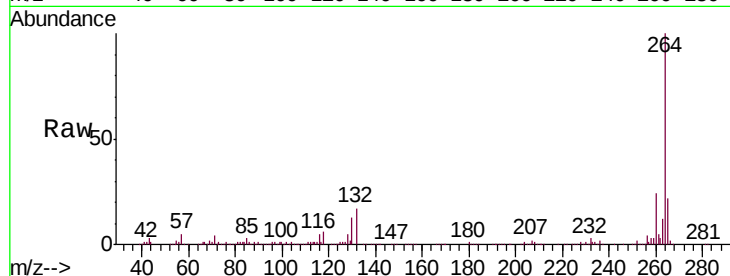




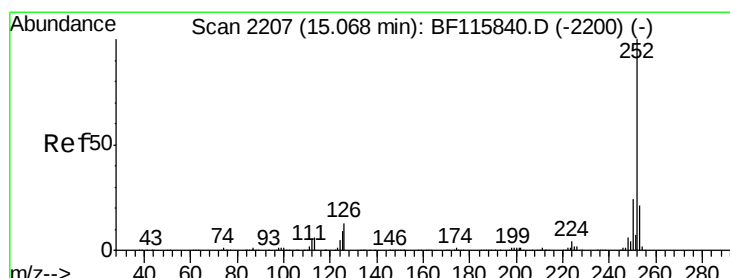
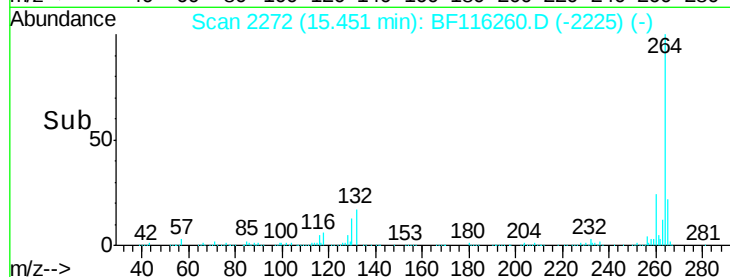
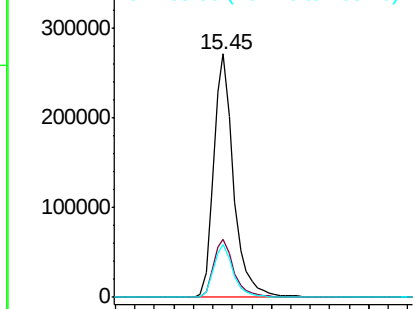
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 384184
Ion Ratio Lower Upper
264 100
260 23.7 19.7 29.5
265 21.9 17.4 26.0

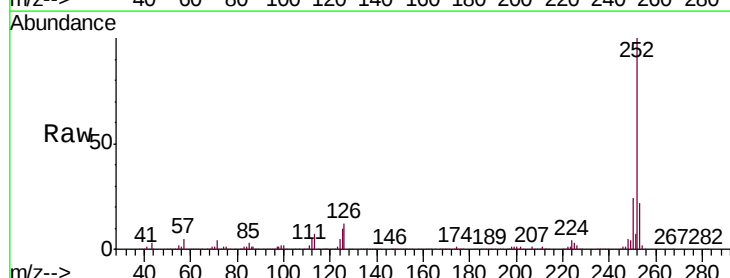


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

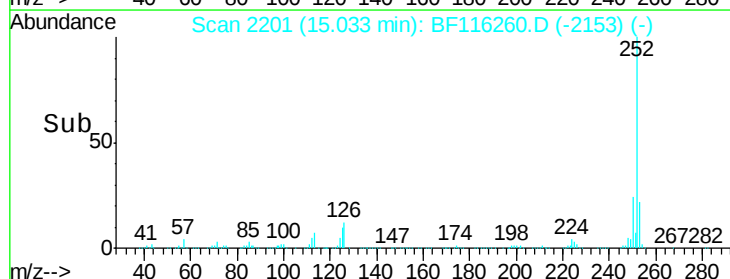
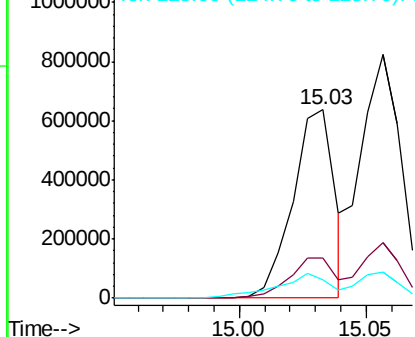


#88
Benzo(b)fluoranthene
Concen: 32.711 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion: 252 Resp: 726643
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 9.6 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

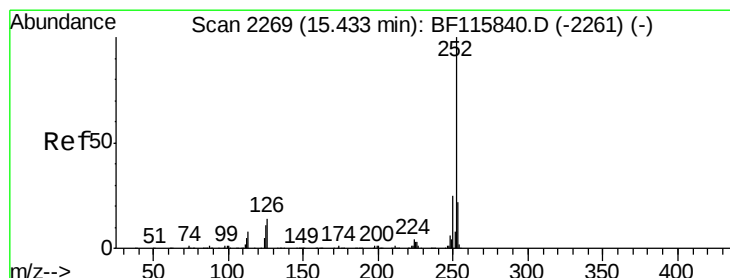
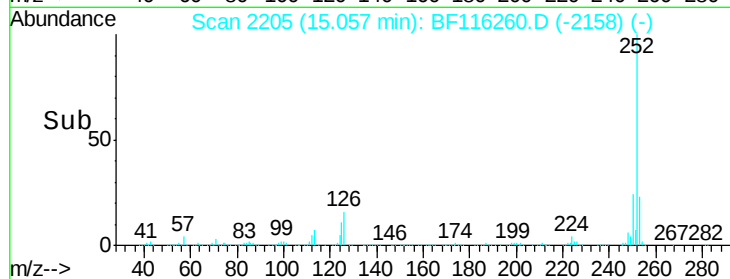
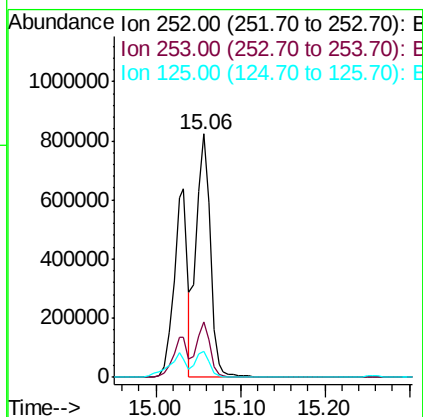
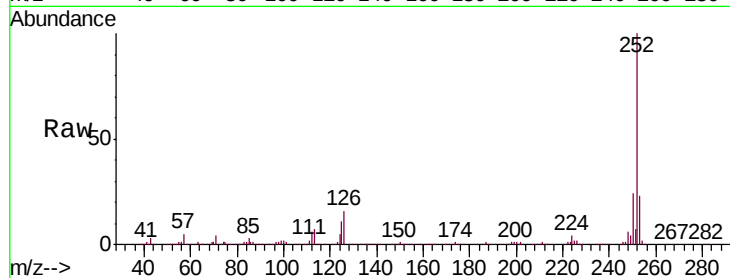




#89
Benzo(k)fluoranthene
Concen: 42.880 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

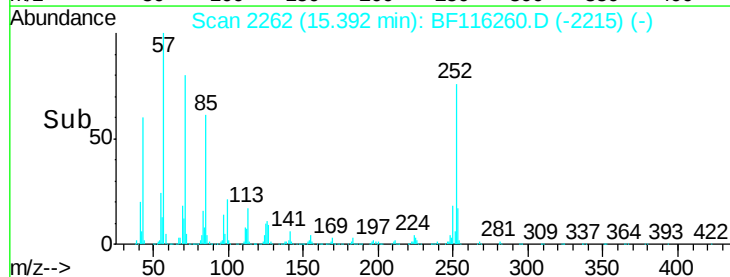
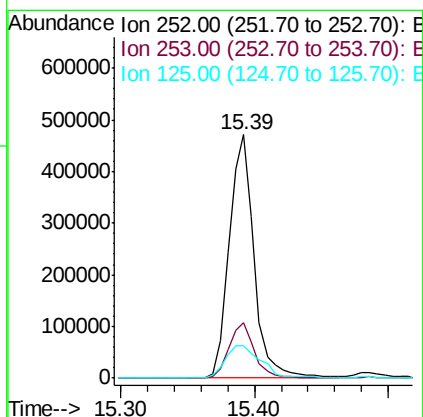
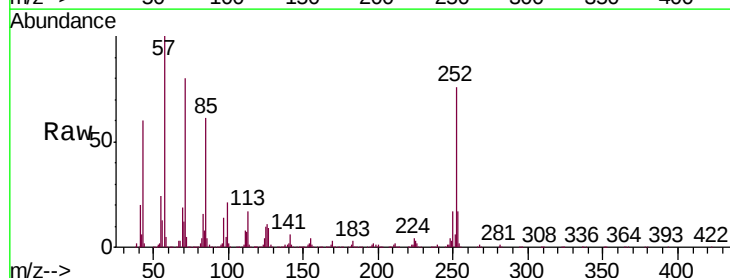
Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 927771
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 30.825 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion:252 Resp: 612117
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 13.6 8.9 13.3#





#91

Dibenzo(a,h)anthracene

Concen: 44.423 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.03 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

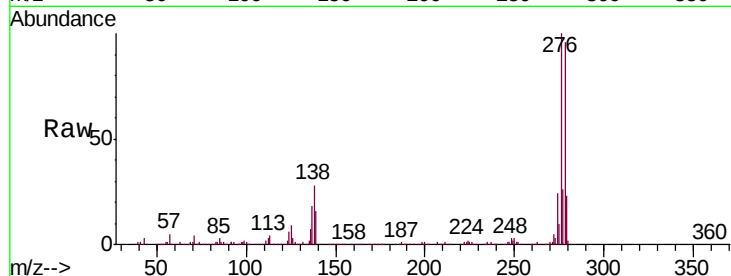
Tgt Ion: 278 Resp: 763582

Ion Ratio Lower Upper

278 100

139 16.8 12.8 19.2

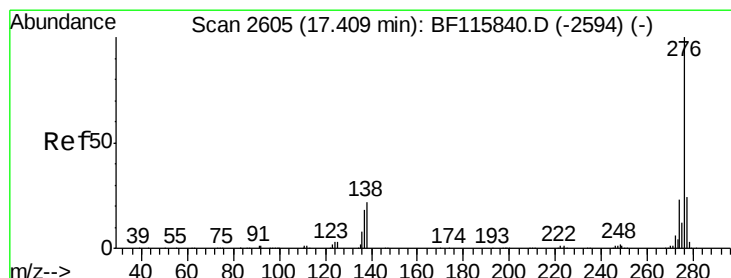
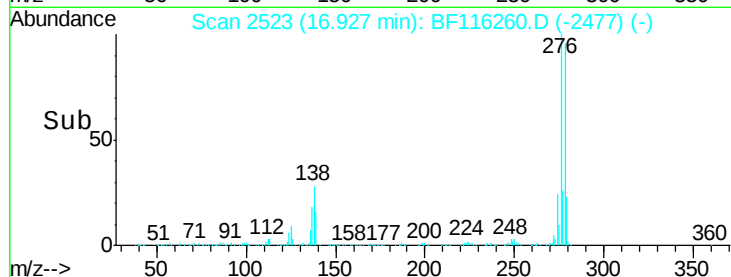
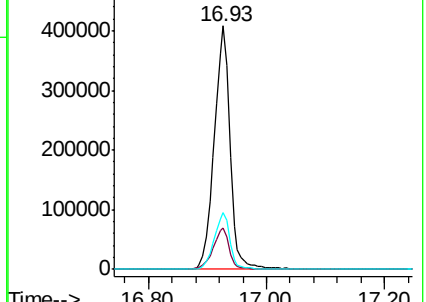
279 23.5 18.8 28.2



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: 45.863 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.03 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

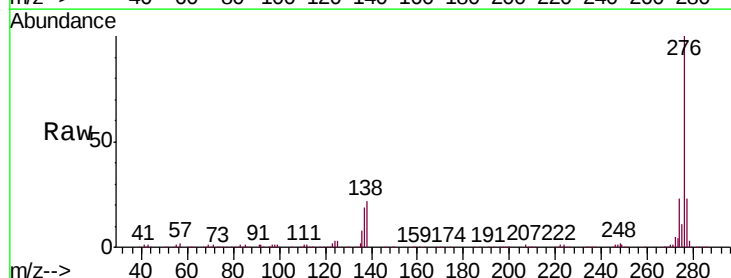
Tgt Ion: 276 Resp: 774216

Ion Ratio Lower Upper

276 100

277 23.3 18.4 27.6

138 22.4 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

