

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117023.D
 Acq On : 13 Sep 2019 15:08
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 15:38:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	84359	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	349130	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	177393	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	288892	20.00	ng	0.00
76) Chrysene-d12	13.98	240	187521	20.00	ng	0.00
87) Perylene-d12	15.42	264	159134	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1007551	193.49	ng	0.01
7) Phenol-d6	6.48	99	1286679	188.18	ng	0.02
23) Nitrobenzene-d5	7.40	82	1260732	206.15	ng	0.02
42) 2,4,6-Tribromophenol	10.66	330	282932	238.58	ng	0.01
45) 2-Fluorobiphenyl	9.19	172	2009973	191.14	ng	0.01
79) Terphenyl-d14	12.93	244	1917248	189.14	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	218053	90.714	ng	98
3) Pyridine	3.32	79	620729	89.188	ng	97
4) n-Nitrosodimethylamine	3.30	42	216034	90.393	ng	100
6) Aniline	6.50	93	817858	86.360	ng	100
8) 2-Chlorophenol	6.62	128	531450	93.494	ng	98
9) Benzaldehyde	6.38	77	253492	56.273	ng	100
10) Phenol	6.49	94	711781	94.009	ng	87
11) bis(2-Chloroethyl)ether	6.57	93	535498	90.832	ng	99
12) 1,3-Dichlorobenzene	6.77	146	607082	94.495	ng	96
13) 1,4-Dichlorobenzene	6.85	146	617510	96.545	ng	97
14) 1,2-Dichlorobenzene	7.00	146	555929	93.790	ng	97
15) Benzyl Alcohol	6.98	79	496474	89.450	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	539634	78.017	ng	97
17) 2-Methylphenol	7.09	107	460383	92.519	ng	# 90
18) Hexachloroethane	7.34	117	241162	97.047	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	412420	91.606	ng	98
20) 3+4-Methylphenols	7.25	107	552003	95.407	ng	# 86
22) Acetophenone	7.25	105	814425	96.894	ng	# 96
24) Nitrobenzene	7.42	77	618769	99.481	ng	97
25) Isophorone	7.66	82	1153042	93.043	ng	99
26) 2-Nitrophenol	7.73	139	283622	122.649	ng	96
27) 2,4-Dimethylphenol	7.77	122	424074	90.804	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	690474	91.175	ng	99
29) 2,4-Dichlorophenol	7.97	162	440036	98.043	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	468903	96.322	ng	99
31) Naphthalene	8.13	128	1536861	92.574	ng	99
32) Benzoic acid	7.95	122	368171	139.618	ng	99
33) 4-Chloroaniline	8.18	127	678390	89.770	ng	99
34) Hexachlorobutadiene	8.25	225	265521	100.033	ng	97
35) Caprolactam	8.59	113	118311	70.437	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	513242	99.495	ng	99
37) 2-Methylnaphthalene	8.82	142	1036560	93.842	ng	99
38) 1-Methylnaphthalene	8.92	142	969790	93.006	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	422262	99.299	ng	99

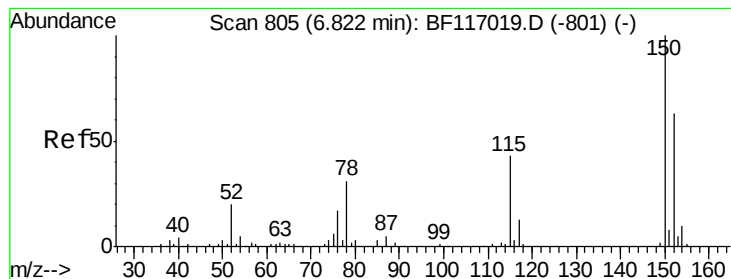
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117023.D
 Acq On : 13 Sep 2019 15:08
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Sep 13 15:38:25 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	211222	86.015	nq	97
43) 2,4,6-Trichlorophenol	9.10	196	292764	100.433	nq	97
44) 2,4,5-Trichlorophenol	9.15	196	309439	102.249	nq	96
46) 1,1'-Biphenyl	9.29	154	1269845	94.337	nq	98
47) 2-Chloronaphthalene	9.32	162	1009199	94.659	nq	99
48) 2-Nitroaniline	9.41	65	342143	111.004	nq	94
49) Acenaphthylene	9.73	152	1468691	91.131	nq	98
50) Dimethylphthalate	9.60	163	1206725	98.531	nq	99
51) 2,6-Dinitrotoluene	9.66	165	249343	106.709	nq	92
52) Acenaphthene	9.90	154	892302	90.110	nq	99
53) 3-Nitroaniline	9.83	138	308574	105.376	nq	97
54) 2,4-Dinitrophenol	9.93	184	115808	168.701	nq	99
55) Dibenzofuran	10.07	168	1275581	91.378	nq	98
56) 4-Nitrophenol	9.99	139	211981	105.574	nq	97
57) 2,4-Dinitrotoluene	10.06	165	321658	112.579	nq	# 84
58) Fluorene	10.42	166	1048838	98.607	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	241733	110.677	nq	98
60) Diethylphthalate	10.29	149	1175096	95.786	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	457205	98.161	nq	93
62) 4-Nitroaniline	10.45	138	318586	112.106	nq	96
63) Azobenzene	10.56	77	1174961	91.851	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	144394	147.997	nq	82
66) n-Nitrosodiphenylamine	10.53	169	920293	92.087	nq	98
67) 4-Bromophenyl-phenylether	10.89	248	280841	95.695	nq	92
68) Hexachlorobenzene	10.96	284	304423	99.144	nq	94
69) Atrazine	11.05	200	171986	61.446	nq	97
70) Pentachlorophenol	11.15	266	155507	104.694	nq	97
71) Phenanthrene	11.37	178	1479340	91.990	nq	99
72) Anthracene	11.43	178	1516193	93.659	nq	97
73) Carbazole	11.57	167	1430557	92.771	nq	98
74) Di-n-butylphthalate	11.90	149	1806947	91.405	nq	99
75) Fluoranthene	12.56	202	1487210	94.102	nq	98
77) Benzidine	12.67	184	405409	55.120	nq	# 93
78) Pyrene	12.79	202	1519215	91.138	nq	99
80) Butylbenzylphthalate	13.39	149	773132	95.374	nq	97
81) Benzo(a)anthracene	13.97	228	1171996	98.751	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	312090	77.813	nq	98
83) Chrysene	14.01	228	1121280	91.704	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1013035	101.237	nq	100
85) Di-n-octyl phthalate	14.56	149	1603991	97.951	nq	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	838609	85.389	nq	100
88) Benzo(b)fluoranthene	15.01	252	927927	96.448	nq	100
89) Benzo(k)fluoranthene	15.04	252	830975	94.728	nq	98
90) Benzo(a)pyrene	15.37	252	793314	94.776	nq	97
91) Dibenzo(a,h)anthracene	16.89	278	671336	91.629	nq	99
92) Benzo(g,h,i)perylene	17.30	276	682617	91.354	nq	100

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

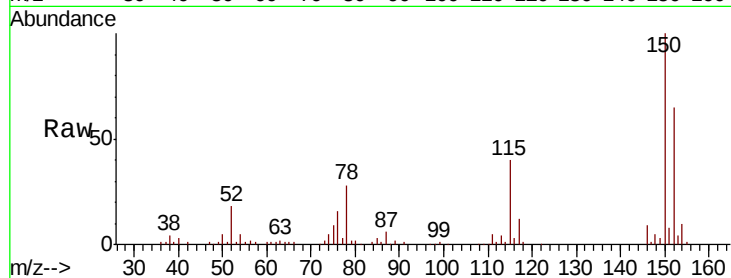


#1

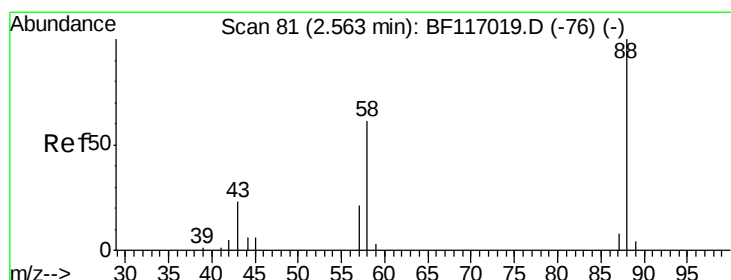
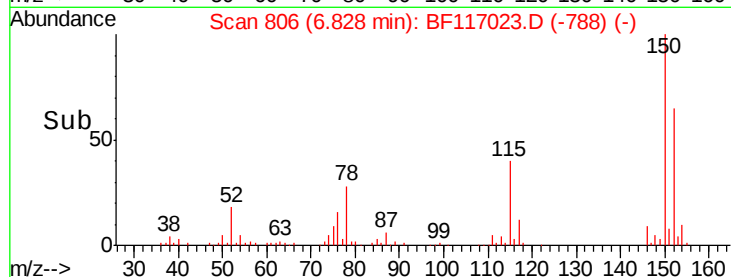
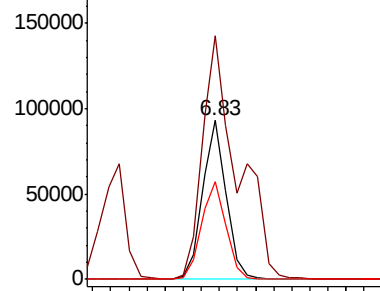
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84359
Ion Ratio Lower Upper
152 100
150 153.1 127.5 191.3
115 61.6 55.0 82.4



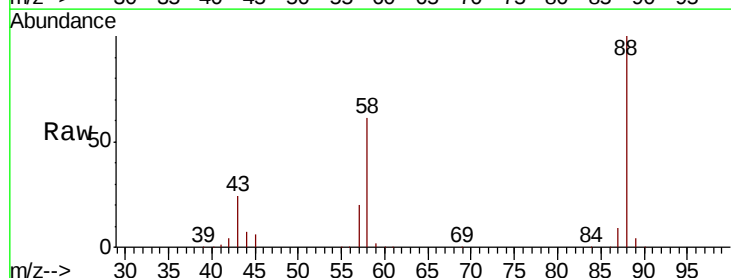
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



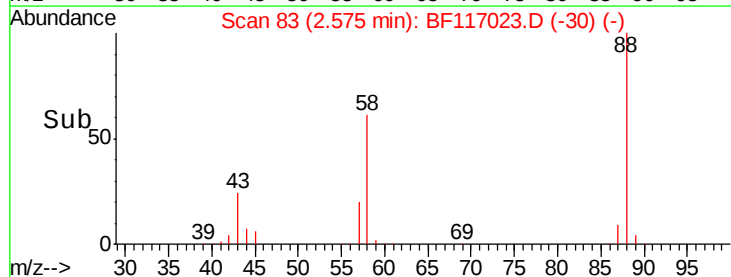
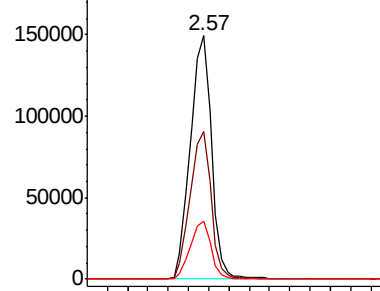
#2

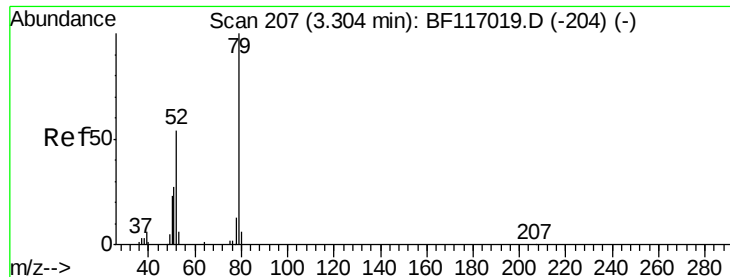
1,4-Dioxane
Concen: 90.714 ng
RT: 2.57 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion: 88 Resp: 218053
Ion Ratio Lower Upper
88 100
58 60.0 49.3 73.9
43 23.2 18.8 28.2



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





#3

Pvridine

Concen: 89.188 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Instrument :

BNA_F

ClientSampleId :

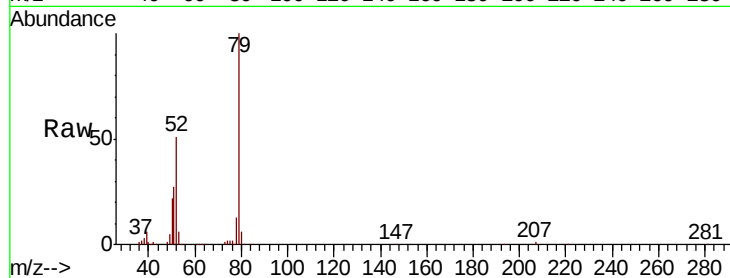
Tot Ion: 79 Resp: 620729

Ion Ratio Lower Upper

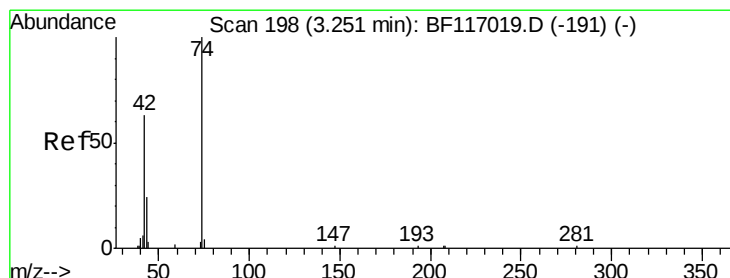
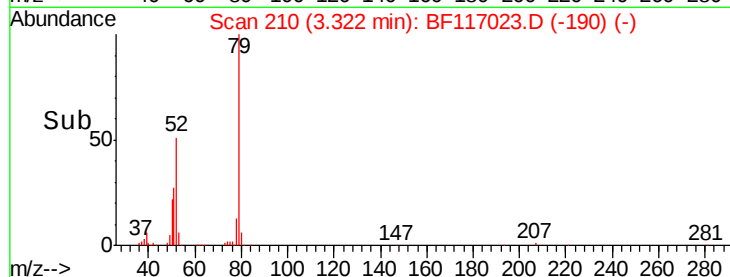
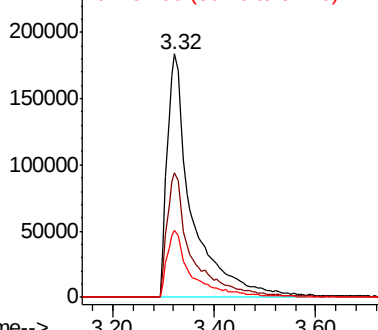
79 100

52 51.0 43.5 65.3

51 27.4 21.8 32.6



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



#4

n-Nitrosodimethylamine

Concen: 90.393 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.05 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

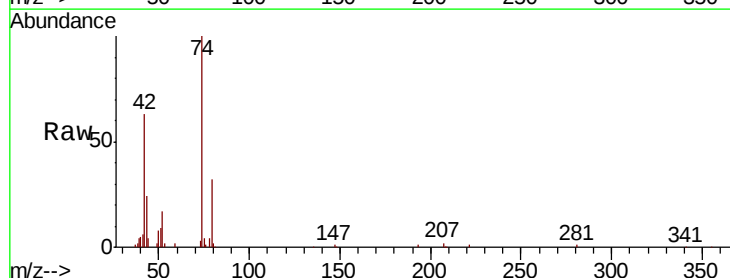
Tgt Ion: 42 Resp: 216034

Ion Ratio Lower Upper

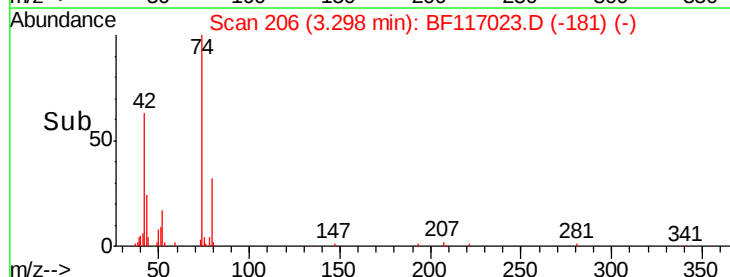
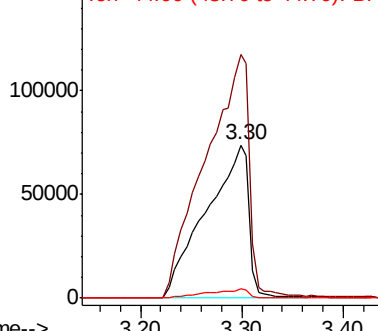
42 100

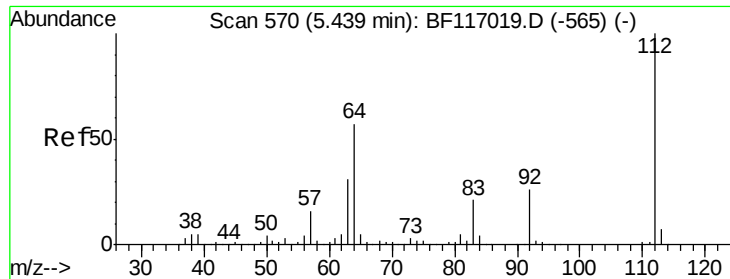
74 159.4 127.1 190.7

44 5.8 4.3 6.5



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: 193.493 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampled :

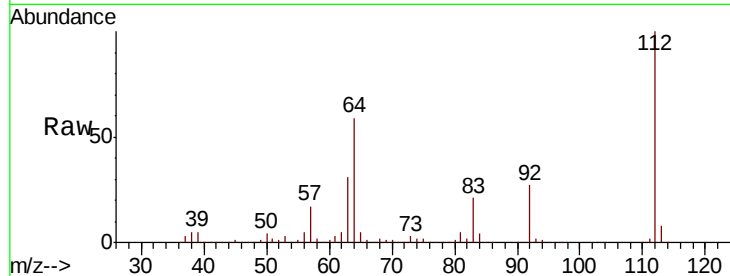
Tot Ion: 112 Resp: 1007551

Ion Ratio Lower Upper

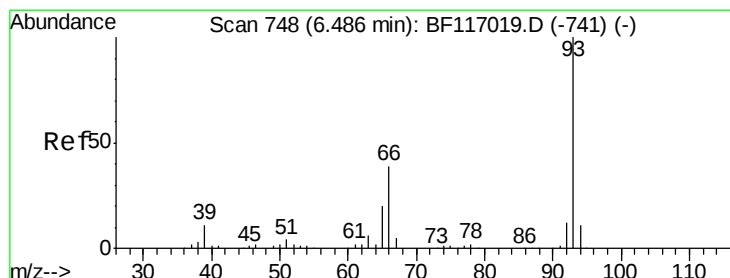
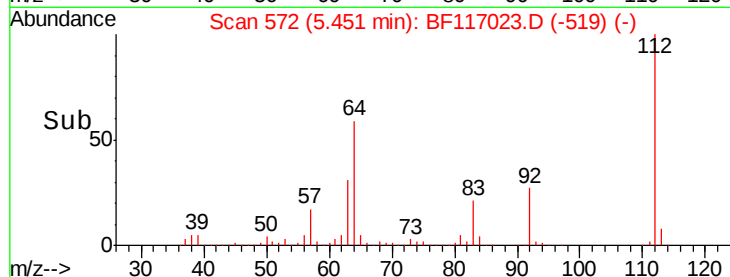
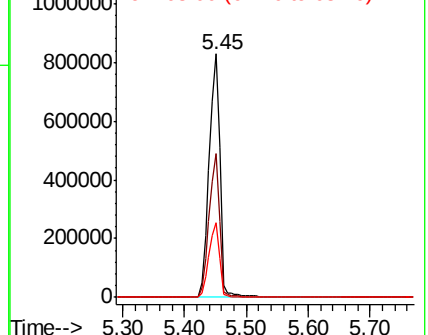
112 100

64 59.0 45.7 68.5

63 30.9 24.9 37.3



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: 86.360 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

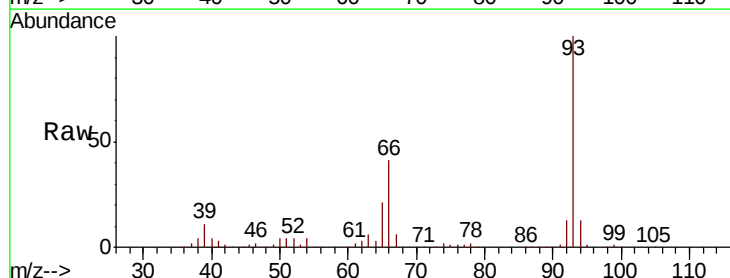
Tgt Ion: 93 Resp: 817858

Ion Ratio Lower Upper

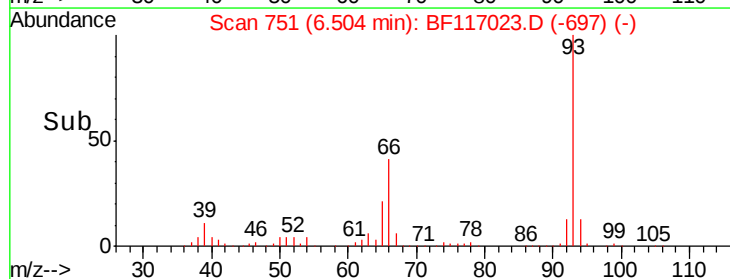
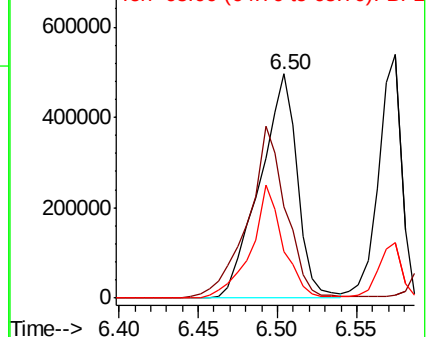
93 100

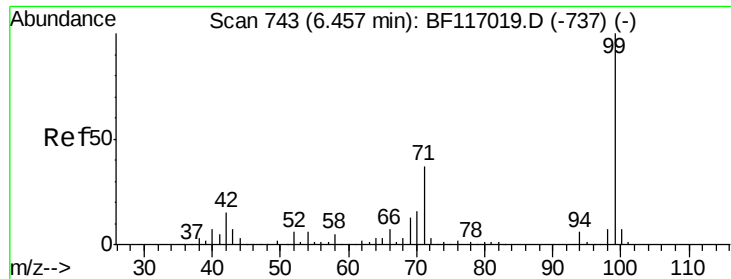
66 40.7 32.6 49.0

65 21.0 16.7 25.1



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: 188.178 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

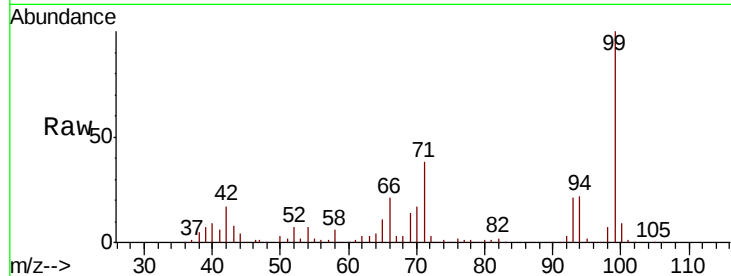
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1286679

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.2	18.2
71	37.9	29.8	44.8

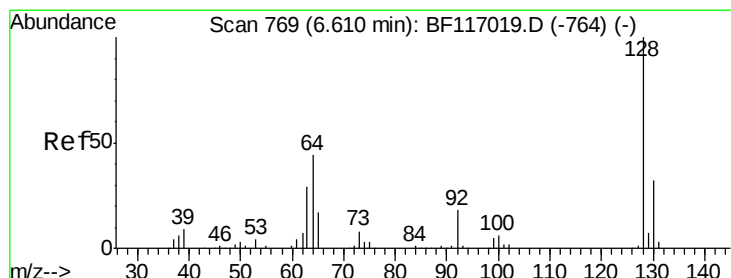
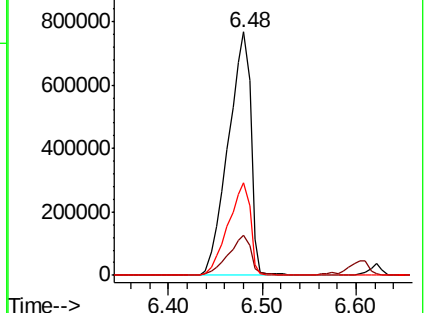
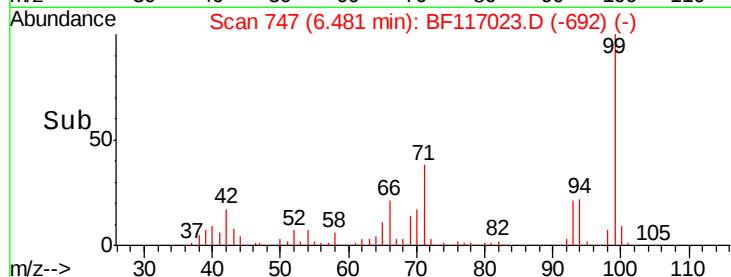


Abundance

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: 93.494 ng

RT: 6.62 min Scan# 771

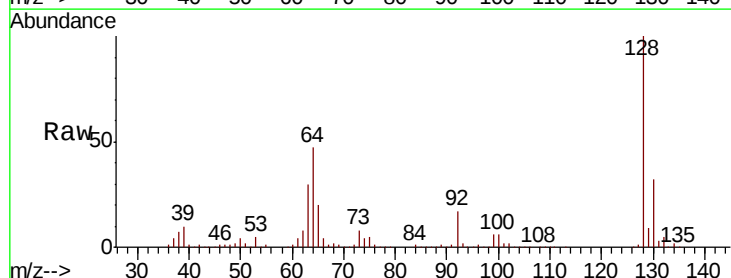
Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Tgt Ion: 128 Resp: 531450

Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.8	51.8
64	46.6	25.0	65.0

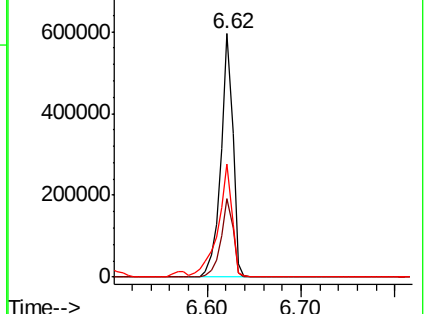
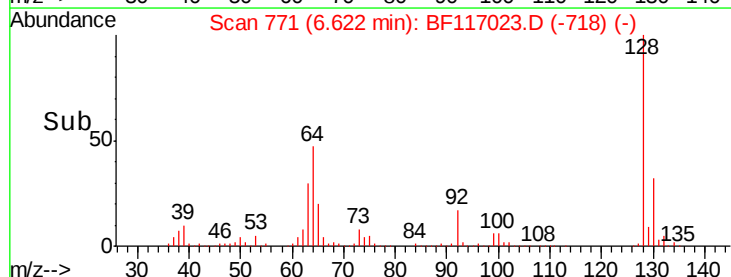


Abundance

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

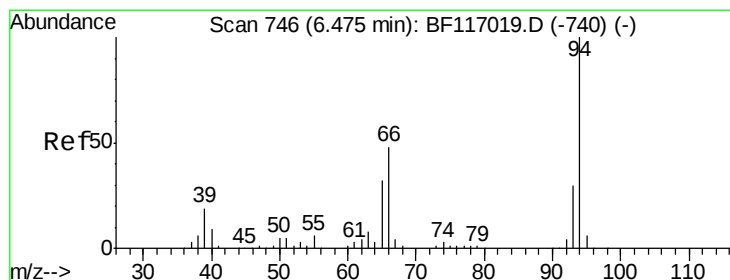
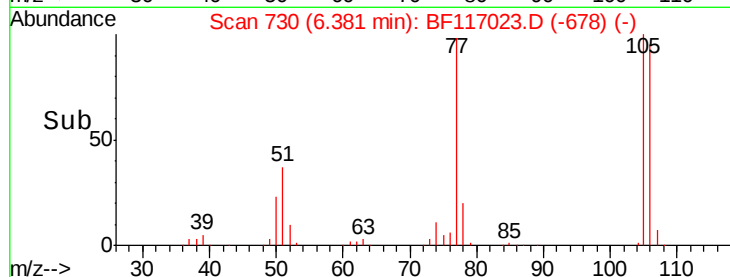
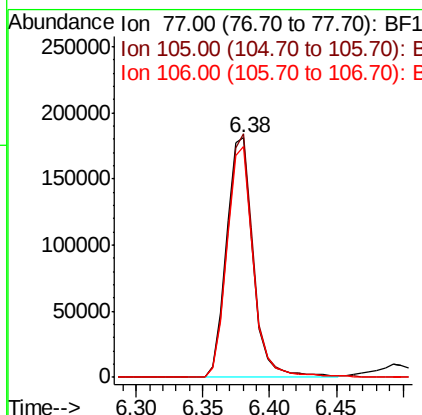
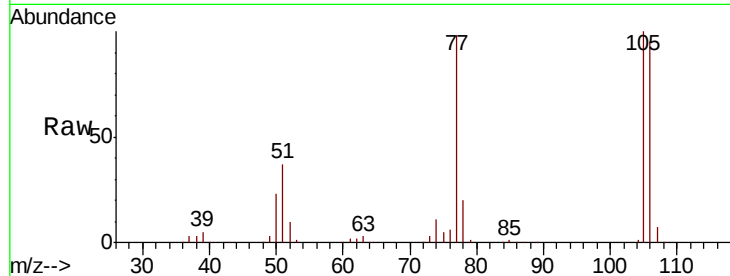




#9
Benzaldehyde
Concen: 56.273 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

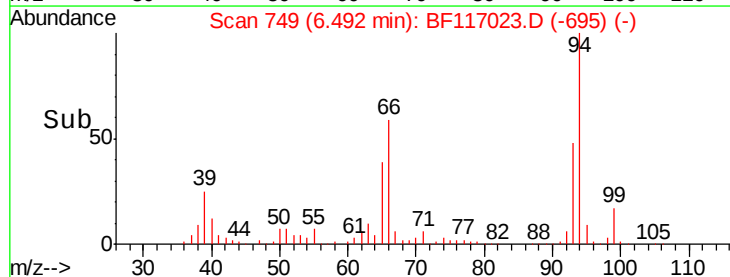
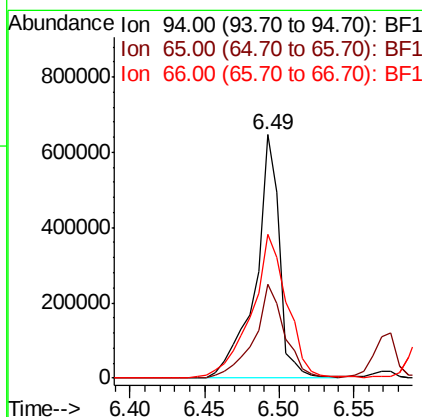
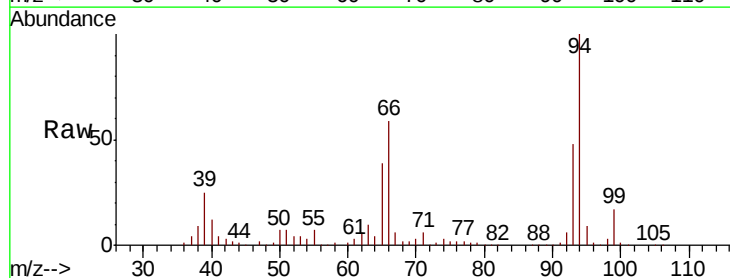
Instrument :
BNA_F
ClientSampled :

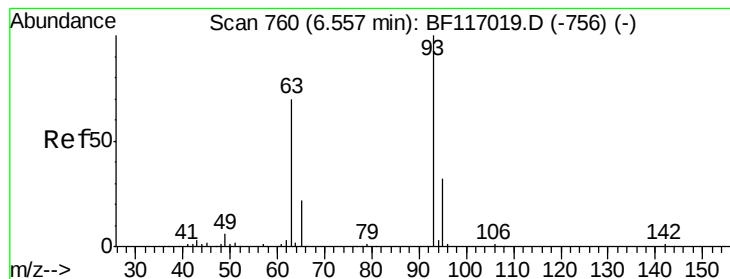
Tot Ion: 77 Resp: 253492
Ion Ratio Lower Upper
77 100
105 101.7 81.8 121.8
106 96.6 77.3 117.3



#10
Phenol
Concen: 94.009 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.02 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion: 94 Resp: 711781
Ion Ratio Lower Upper
94 100
65 38.5 12.5 52.5
66 58.9 28.9 68.9





#11

bis(2-Chloroethyl)ether

Concen: 90.832 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Instrument :

BNA_F

ClientSampleId :

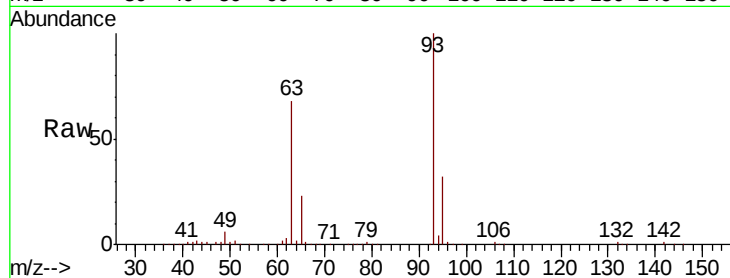
Tot Ion: 93 Resp: 535498

Ion Ratio Lower Upper

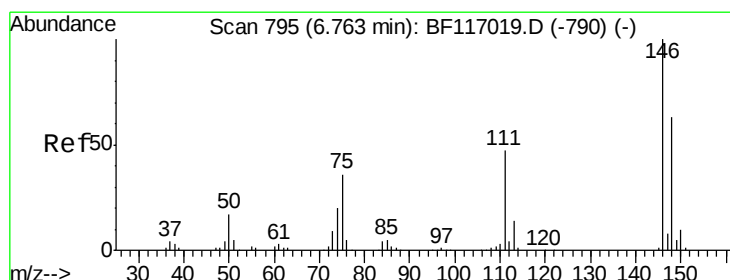
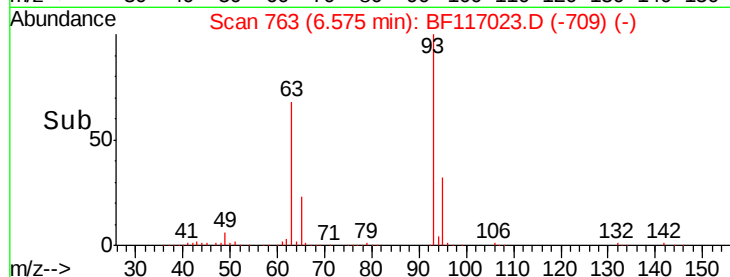
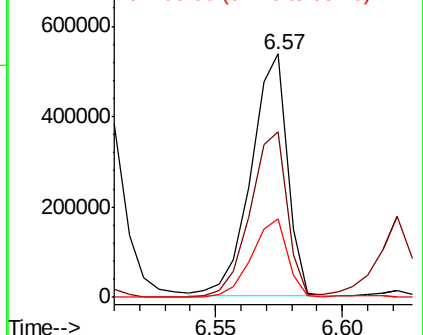
93 100

63 68.2 49.3 89.3

95 32.4 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 94.495 ng

RT: 6.77 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

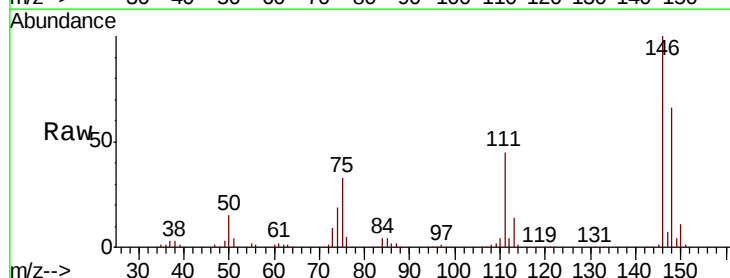
Tgt Ion: 146 Resp: 607082

Ion Ratio Lower Upper

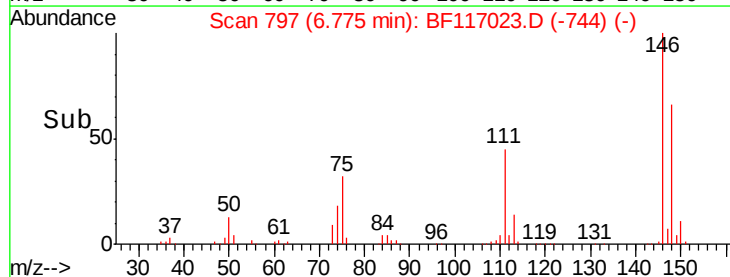
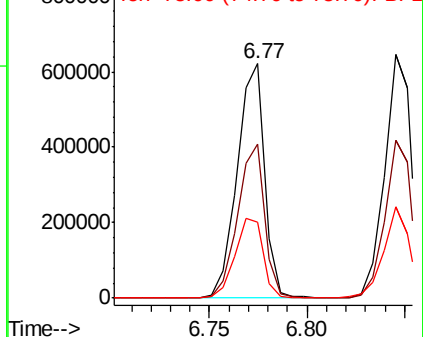
146 100

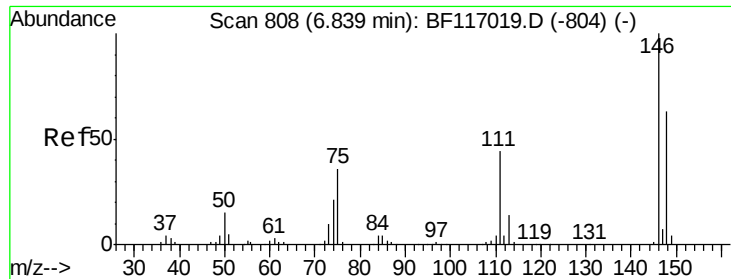
148 65.7 50.8 76.2

75 32.6 28.7 43.1



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

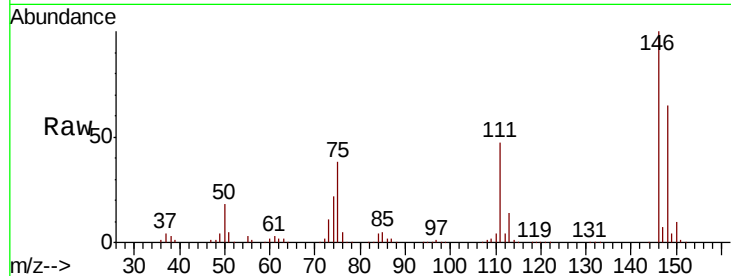




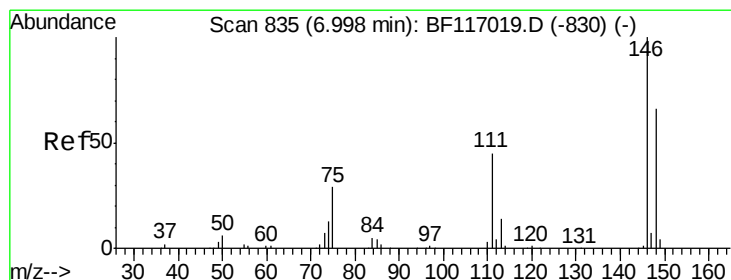
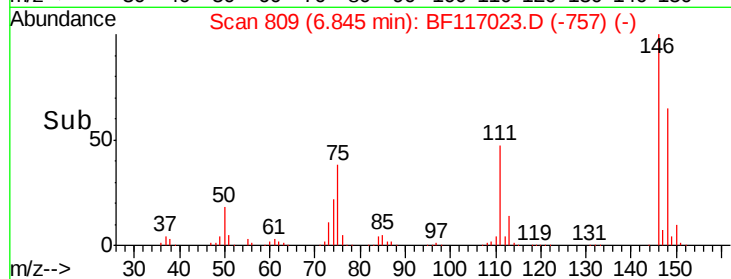
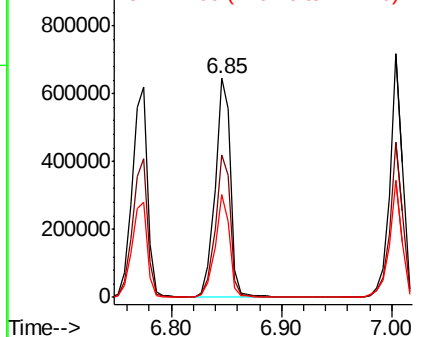
#13
 1,4-Dichlorobenzene
 Concen: 96.545 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 617510
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 76.0
 111 46.7 35.0 52.6

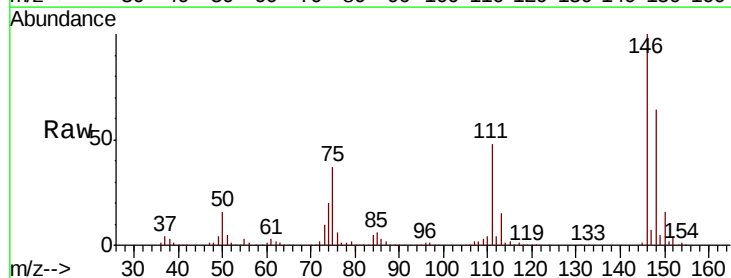


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

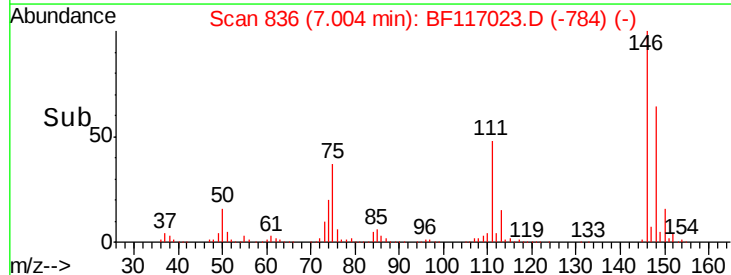
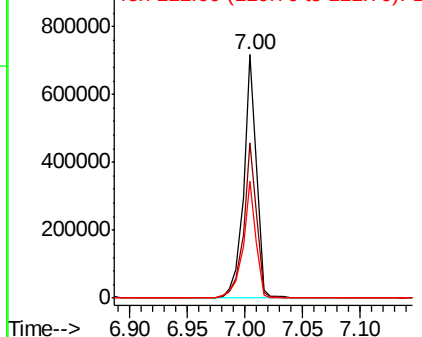


#14
 1,2-Dichlorobenzene
 Concen: 93.790 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Tgt Ion:146 Resp: 555929
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.6 78.8
 111 47.9 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 89.450 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Instrument :

BNA_F

ClientSampled :

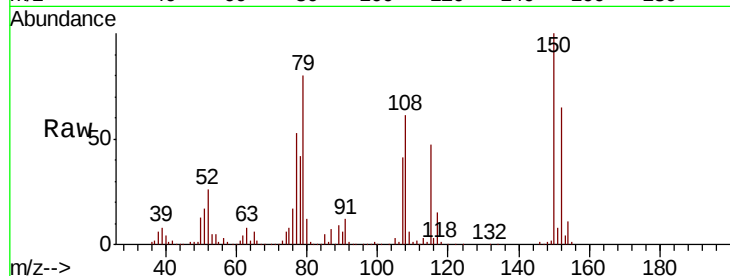
Tot Ion: 79 Resp: 496474

Ion Ratio Lower Upper

79 100

108 76.1 59.4 89.0

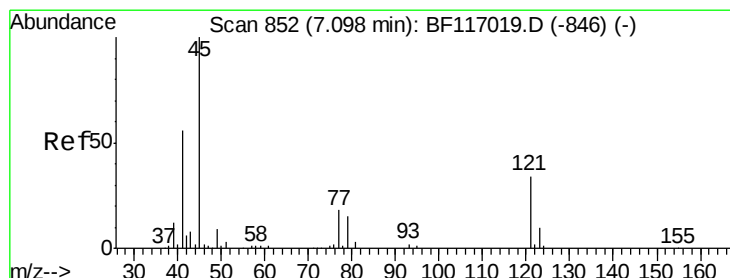
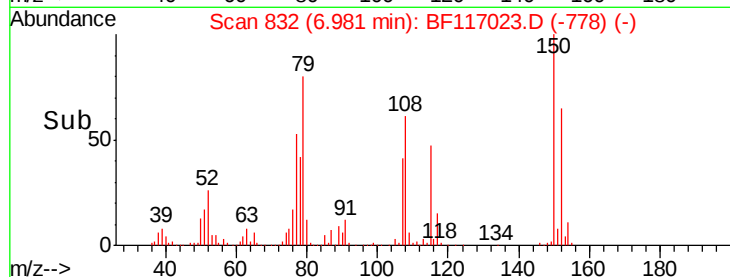
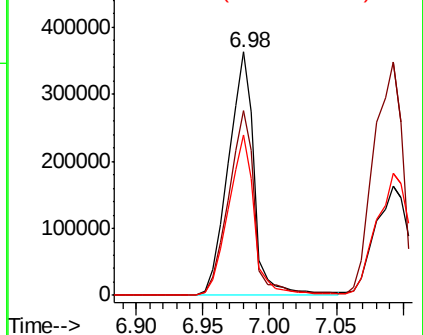
77 66.1 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 78.017 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

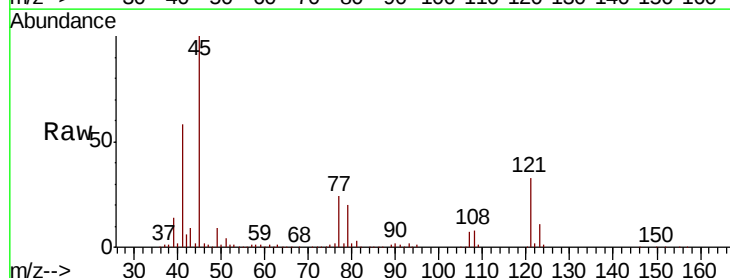
Tgt Ion: 45 Resp: 539634

Ion Ratio Lower Upper

45 100

77 24.3 2.7 42.7

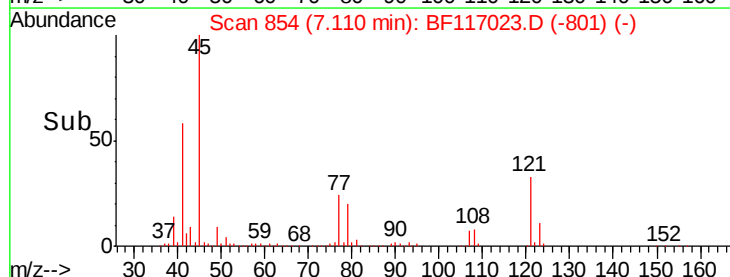
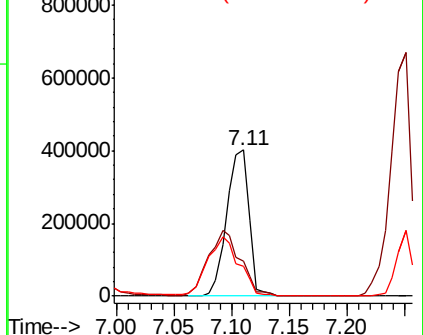
79 20.2 0.0 38.9

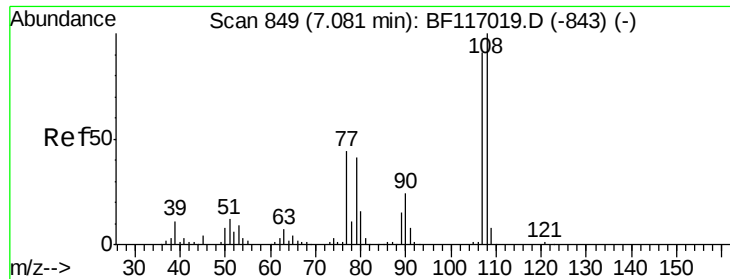


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

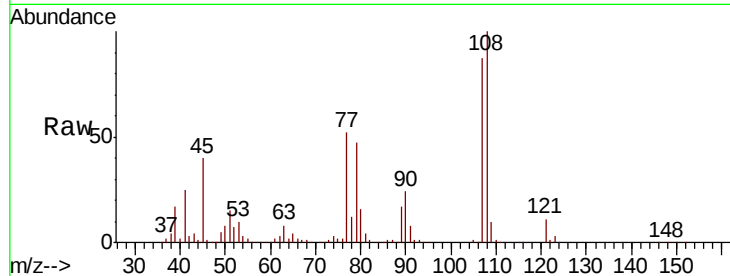




#17
2-Methylphenol
Concen: 92.519 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	460383
Ion	Ratio	Lower	Upper
107	100		
108	114.9	87.7	131.5
77	60.0	38.6	58.0#
79	54.2	36.8	55.2



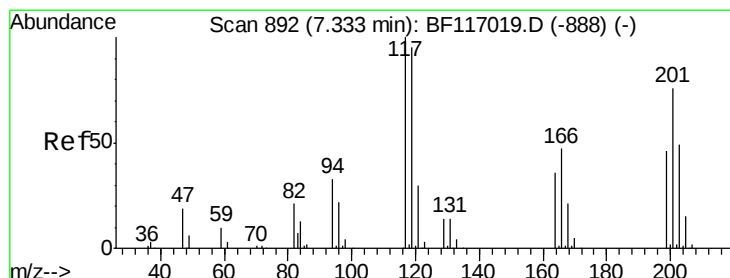
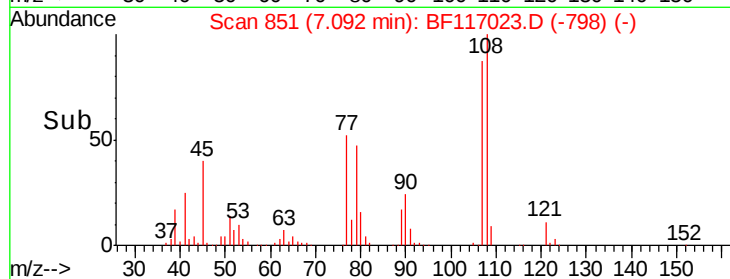
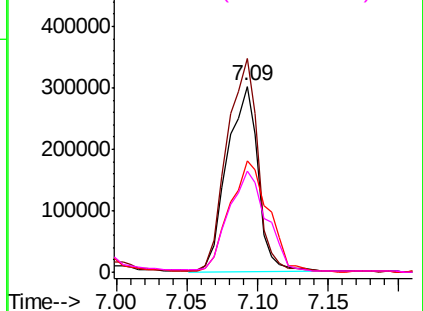
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

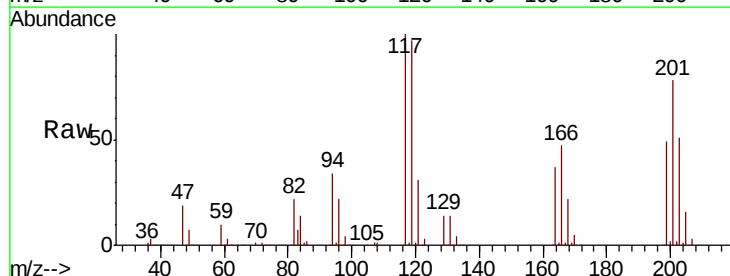
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 97.047 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:	117	Resp:	241162
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.8
201	78.3	60.9	91.3

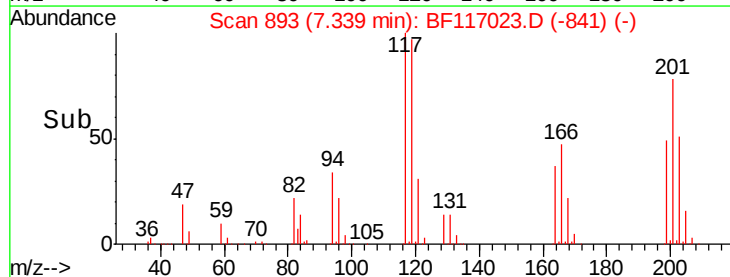
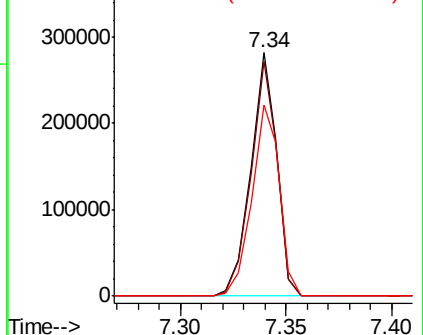


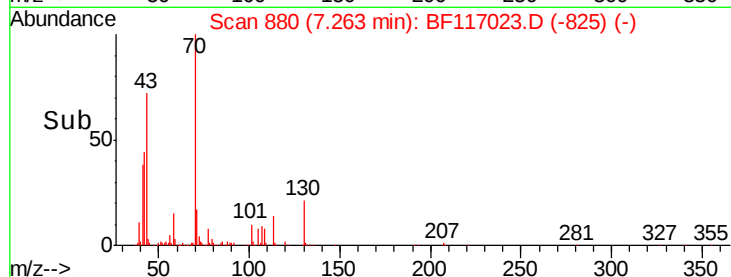
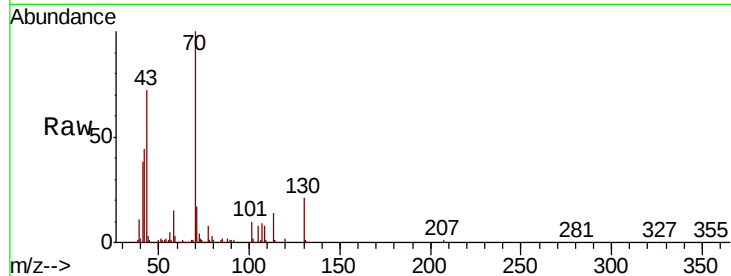
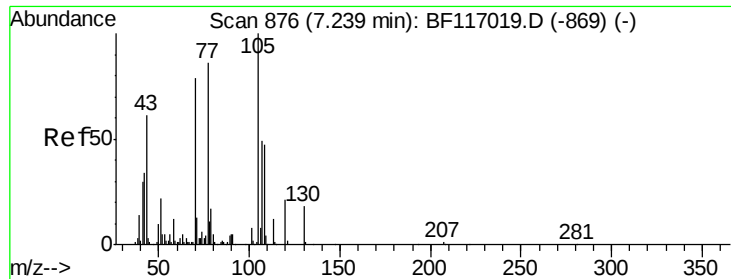
Abundance

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

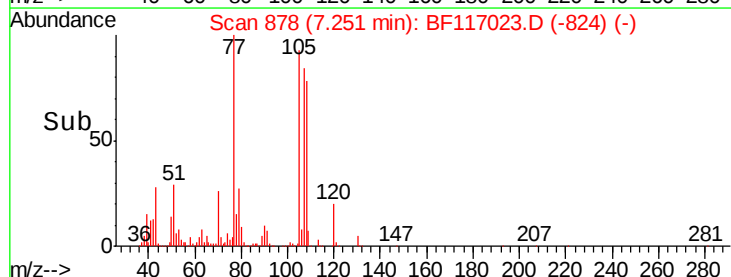
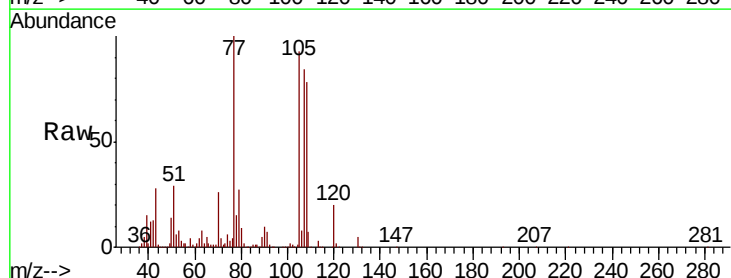
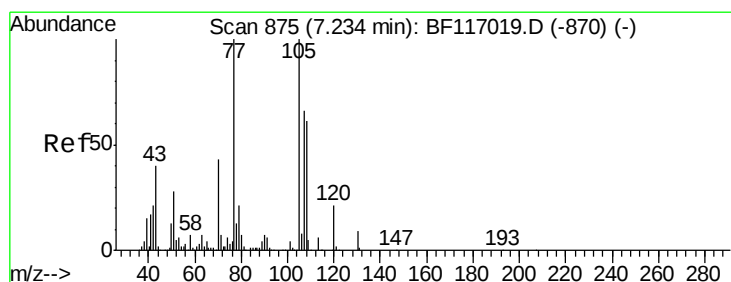
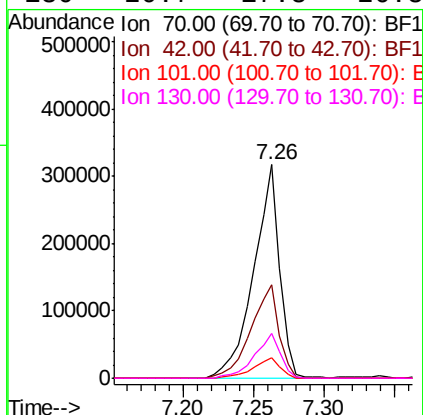




#19
n-Nitroso-di-n-propylamine
Concen: 91.606 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.02 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

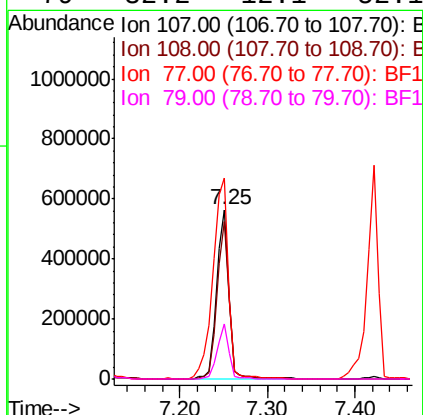
Instrument :
BNA_F
ClientSampled :

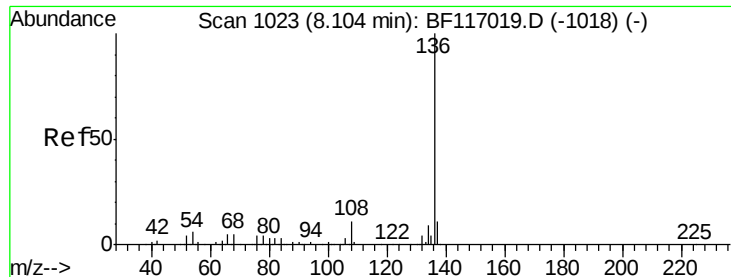
Tot Ion:	70	Resp:	412420
Ion	Ratio	Lower	Upper
70	100		
42	43.7	34.0	51.0
101	9.7	7.8	11.6
130	20.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 95.407 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:	107	Resp:	552003
Ion	Ratio	Lower	Upper
107	100		
108	92.5	72.6	112.6
77	118.5	132.1	172.1#
79	32.2	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 349130

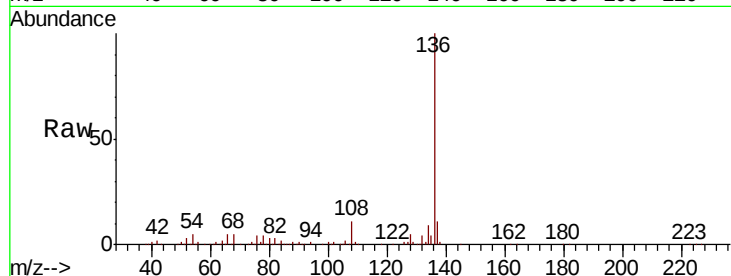
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.5 4.5 6.7

68 4.8 4.0 6.0

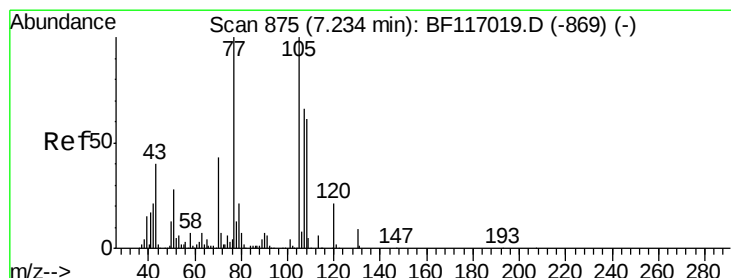
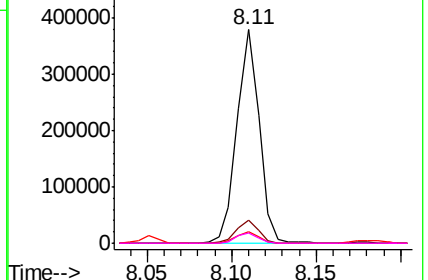
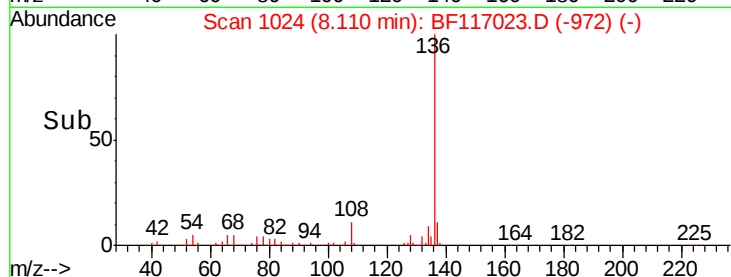


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.894 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Tgt Ion:105 Resp: 814425

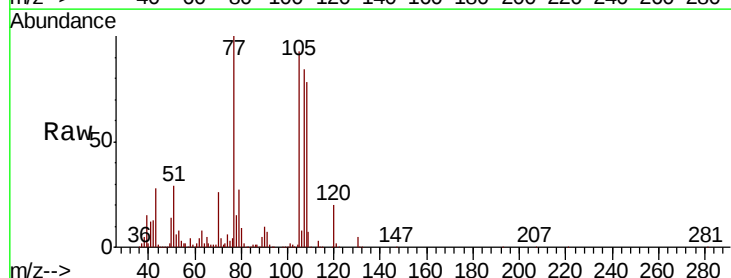
Ion Ratio Lower Upper

105 100

71 4.5 5.7 8.5#

51 31.0 22.1 33.1

120 21.7 17.1 25.7

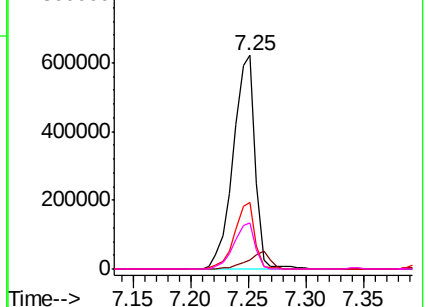
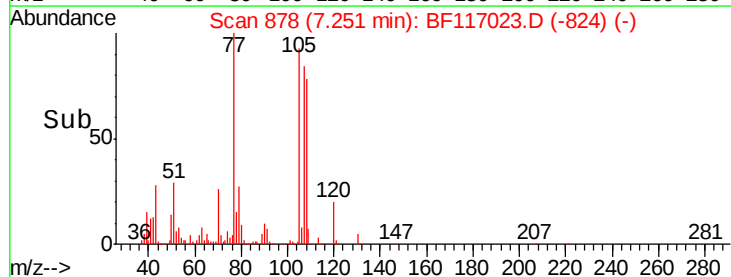


Abundance Ion 105.00 (104.70 to 105.70): E

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

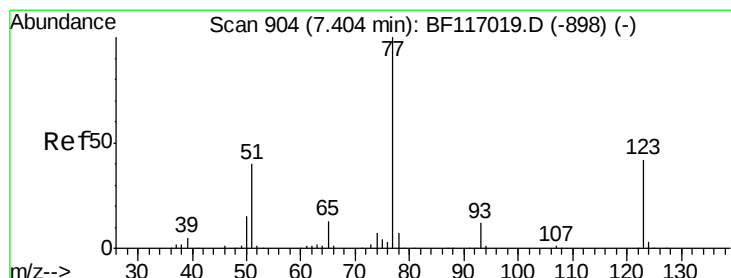
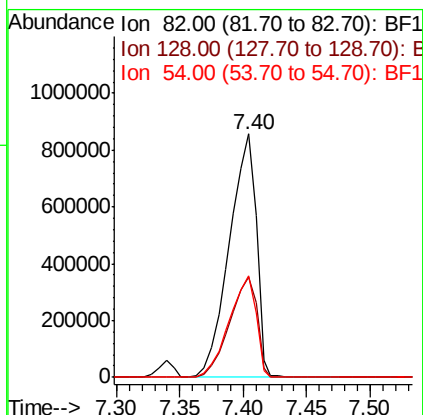
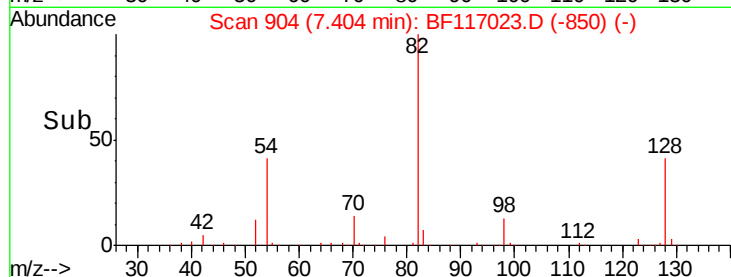
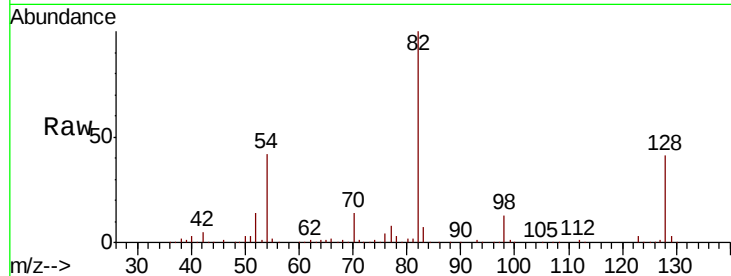




#23
Nitrobenzene-d5
Concen: 206.146 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.02 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

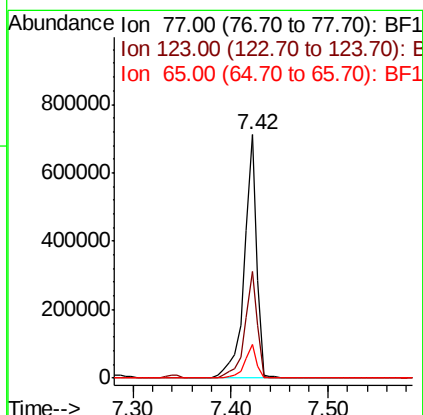
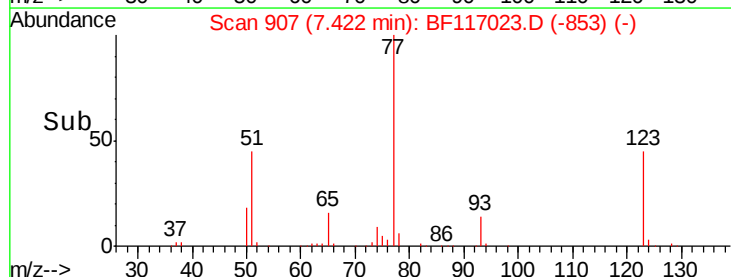
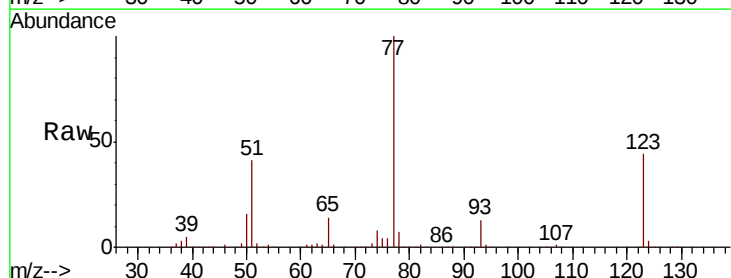
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1260732
Ion Ratio Lower Upper
82 100
128 41.1 32.3 48.5
54 41.6 33.3 49.9



#24
Nitrobenzene
Concen: 99.481 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.02 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion: 77 Resp: 618769
Ion Ratio Lower Upper
77 100
123 43.9 33.5 50.3
65 13.6 10.5 15.7





#25

Isophorone

Concen: 93.043 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Instrument :

BNA_F

ClientSampleId :

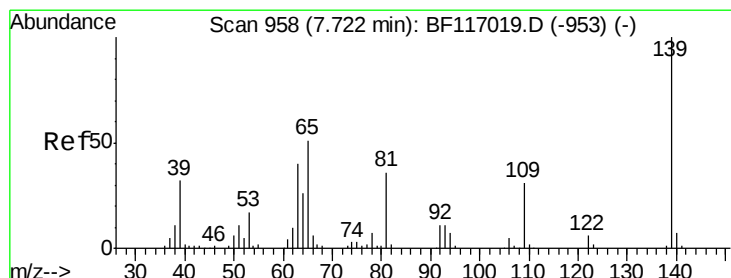
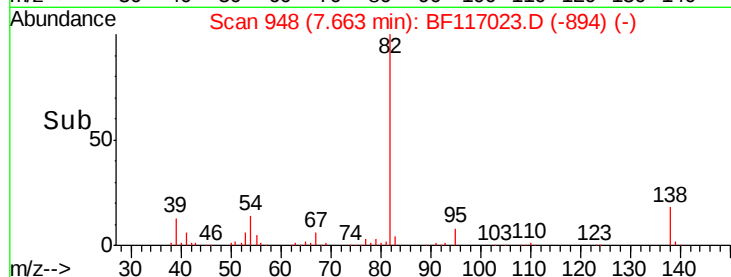
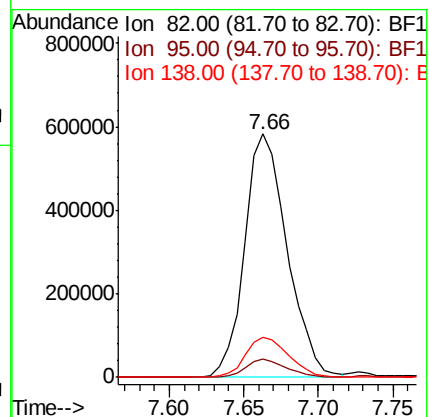
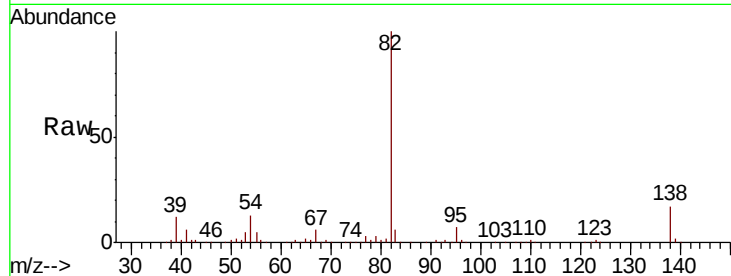
Tot Ion: 82 Resp: 1153042

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 16.7 13.5 20.3



#26

2-Nitrophenol

Concen: 122.649 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

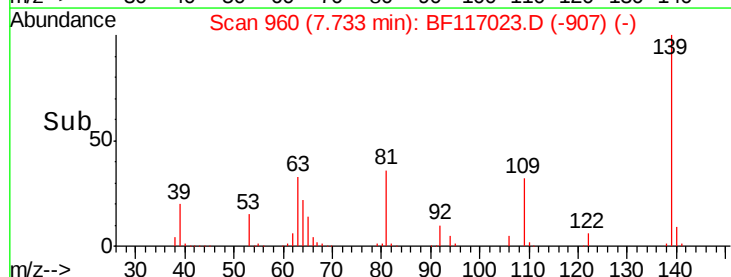
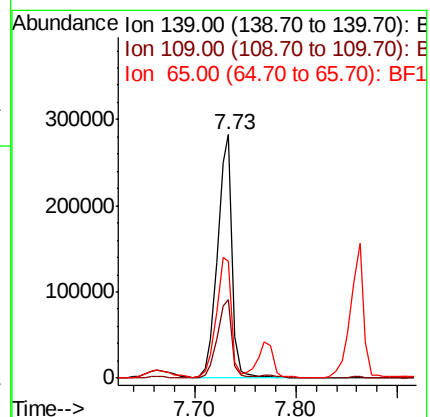
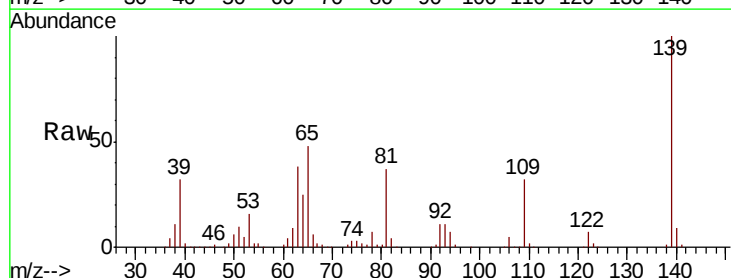
Tgt Ion: 139 Resp: 283622

Ion Ratio Lower Upper

139 100

109 32.0 24.6 36.8

65 48.1 40.9 61.3

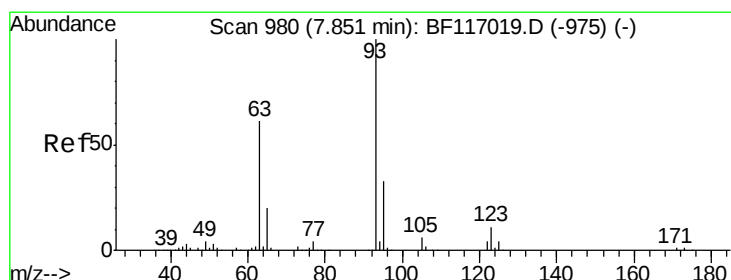
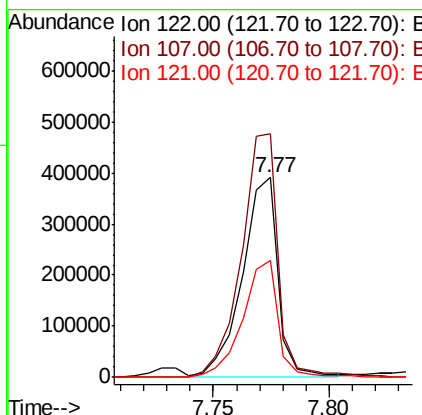
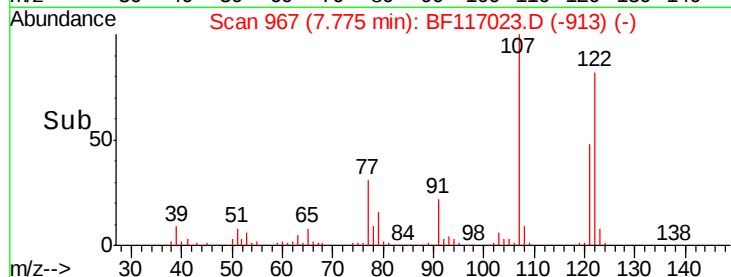
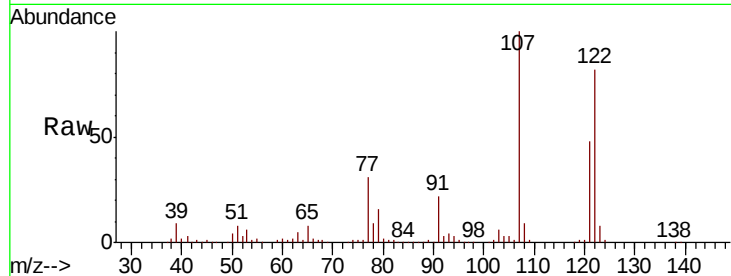




#27
 2,4-Dimethylphenol
 Concen: 90.804 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.02 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

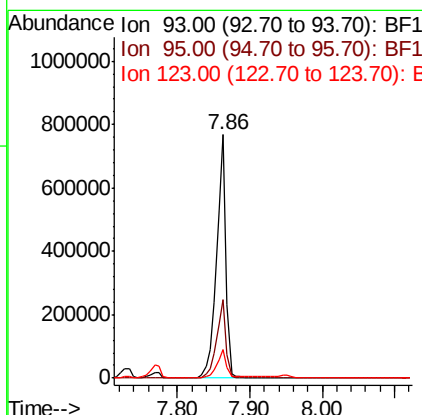
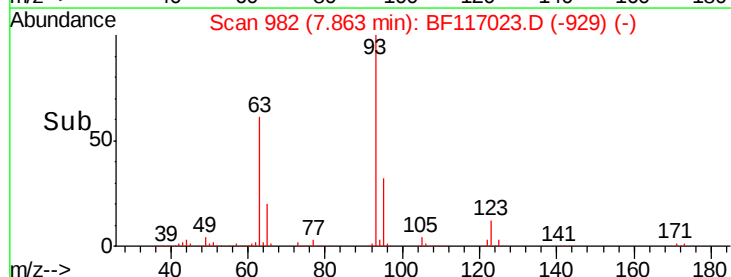
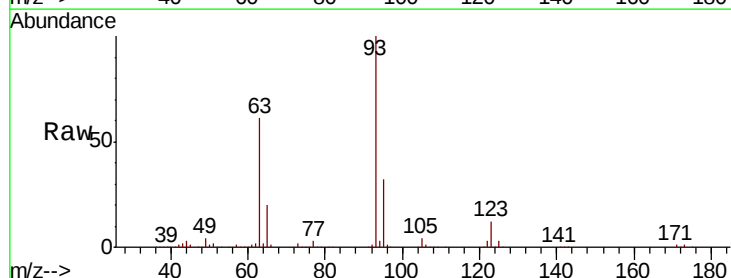
Instrument :
 BNA_F
 ClientSampleId :

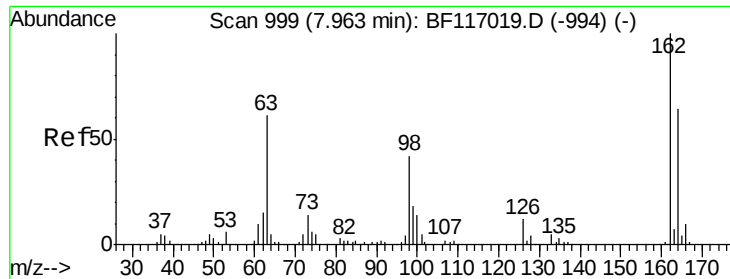
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.9	98.9	148.3
121	58.5	45.3	67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 91.175 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.6	9.0	13.6

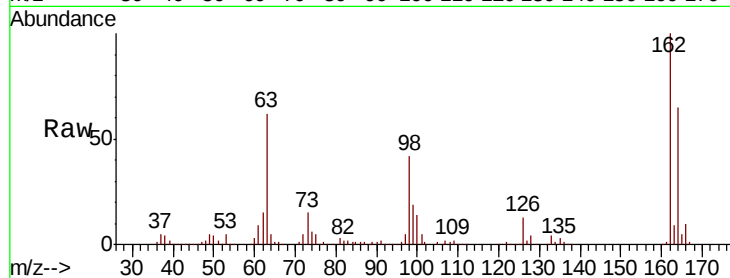




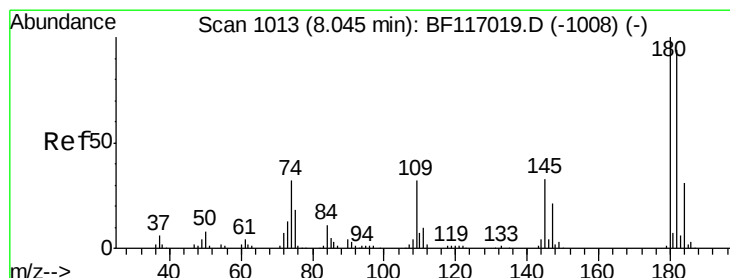
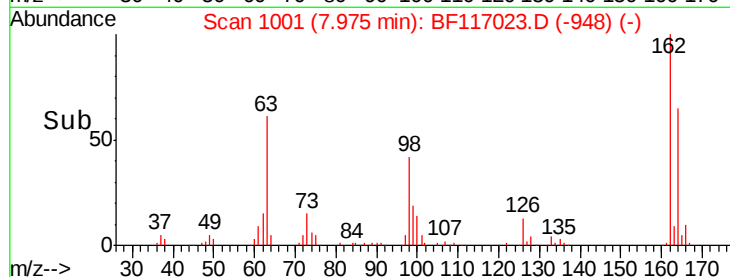
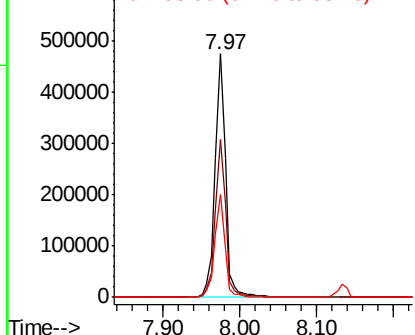
#29
2,4-Dichlorophenol
Concen: 98.043 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 440036
Ion Ratio Lower Upper
162 100
164 64.7 43.8 83.8
98 42.0 22.1 62.1

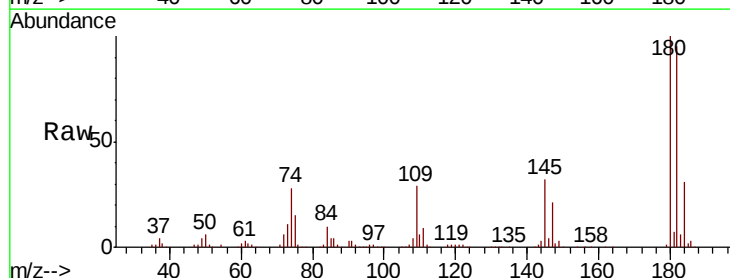


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

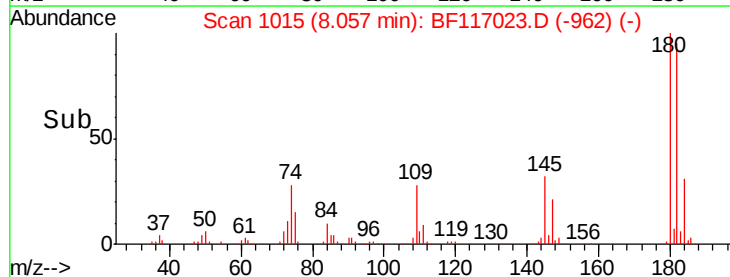
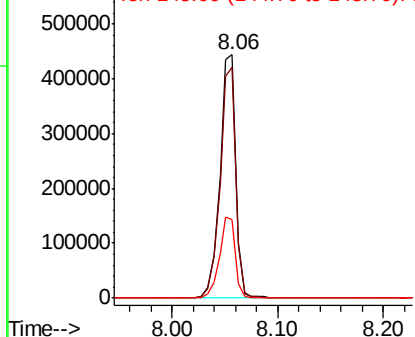


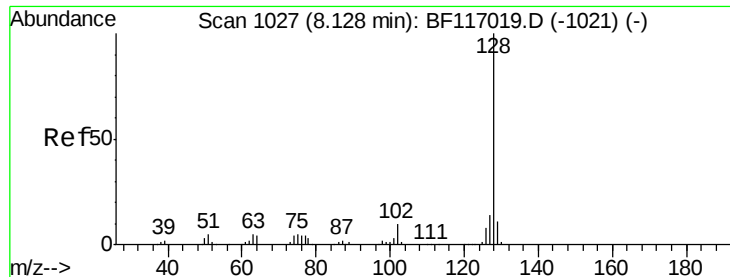
#30
1,2,4-Trichlorobenzene
Concen: 96.322 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:180 Resp: 468903
Ion Ratio Lower Upper
180 100
182 94.9 75.4 113.0
145 32.5 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

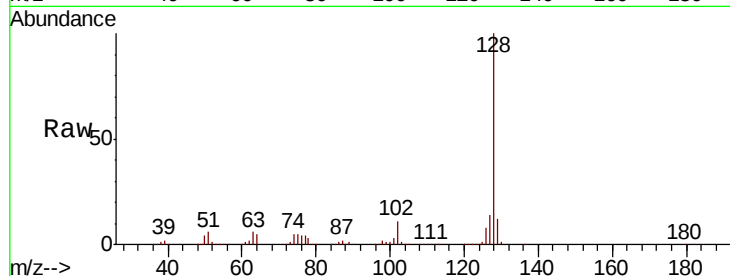




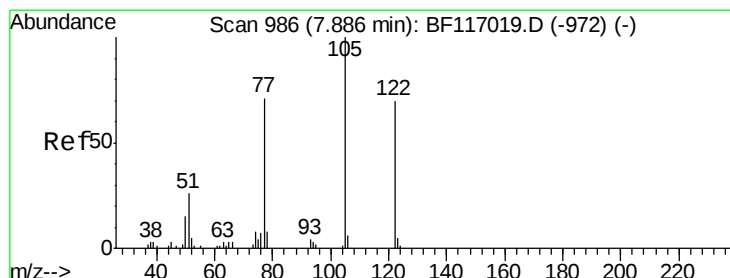
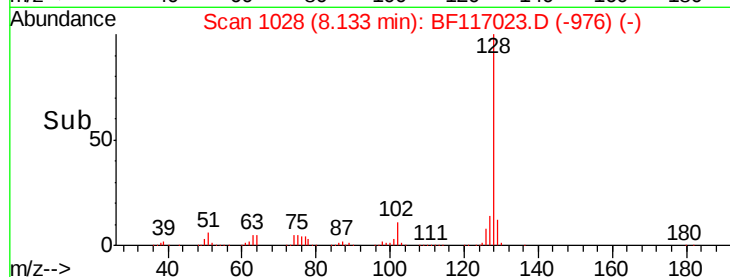
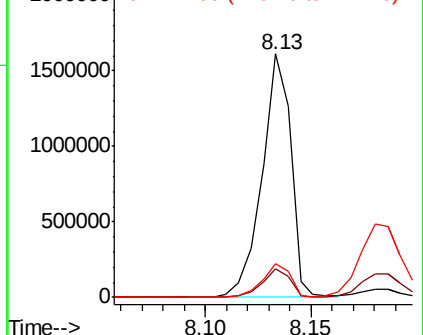
#31
Naphthalene
Concen: 92.574 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1536861
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.7 10.8 16.2

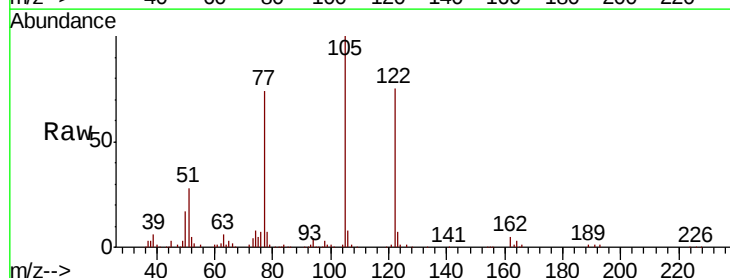


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

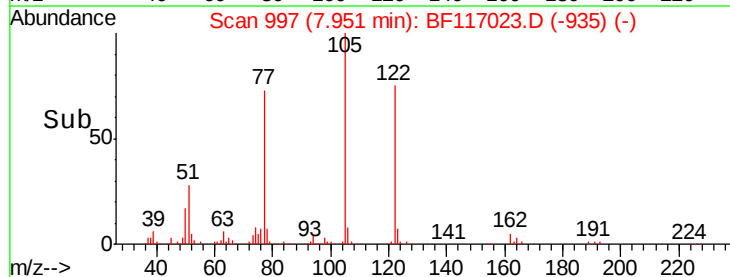
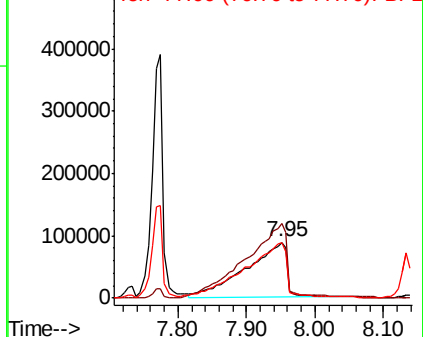


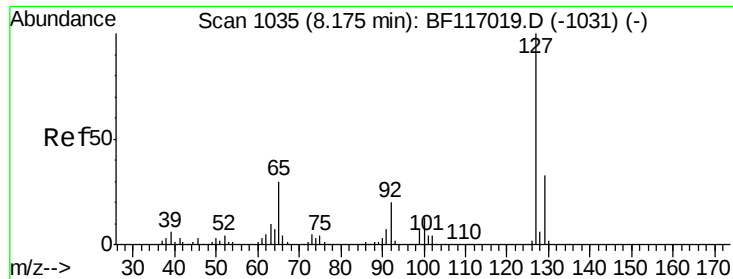
#32
Benzoic acid
Concen: 139.618 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.06 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:122 Resp: 368171
Ion Ratio Lower Upper
122 100
105 133.4 114.8 154.8
77 98.4 78.7 118.7



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

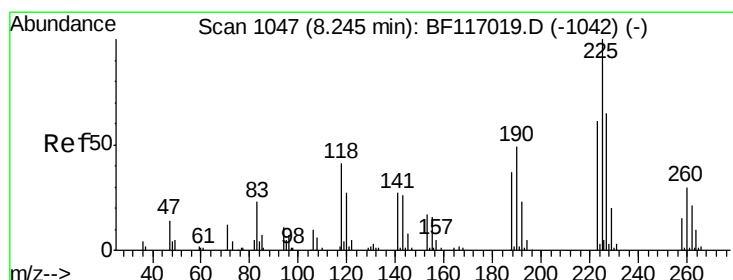
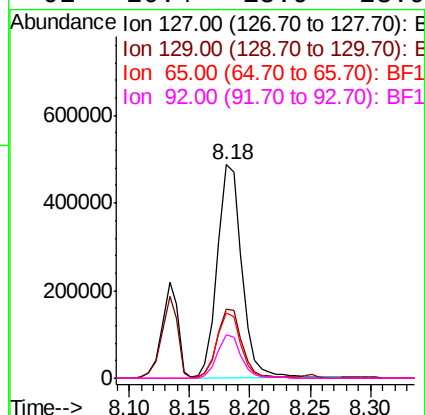
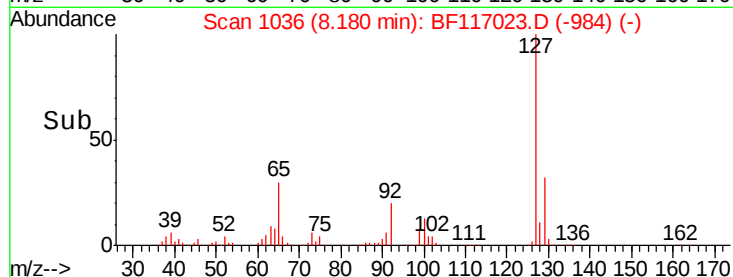
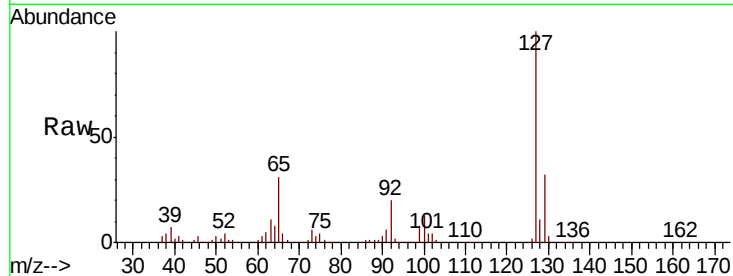




#33
4-Chloroaniline
Concen: 89.770 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

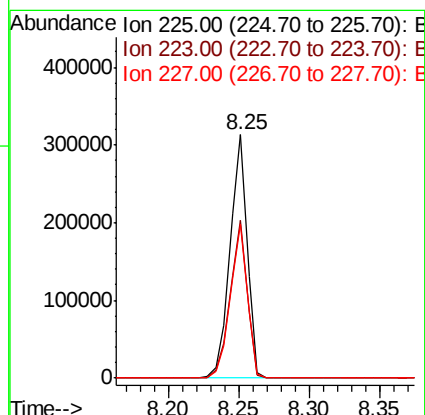
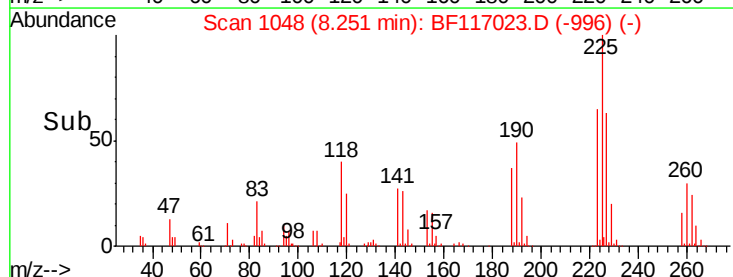
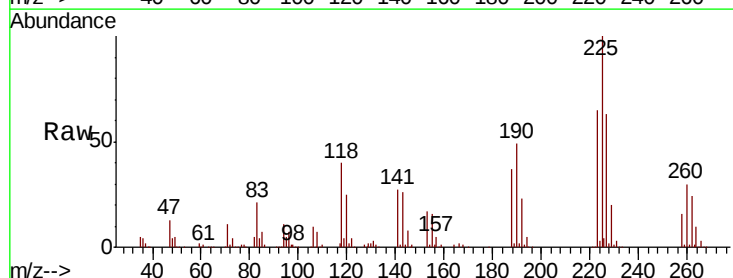
Instrument :
BNA_F
ClientSampleId :

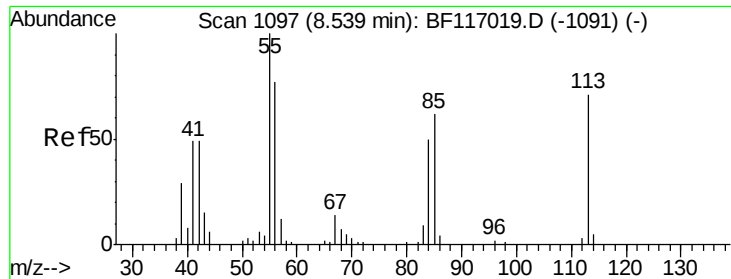
Tot Ion:	127	Resp:	678390
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	30.7	23.5	35.3
92	20.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 100.033 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:	225	Resp:	265521
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.1	73.7
227	63.5	52.2	78.2

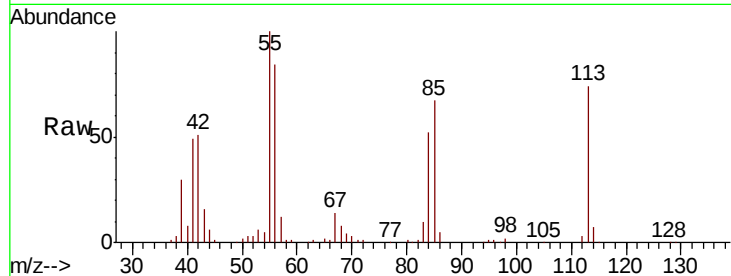




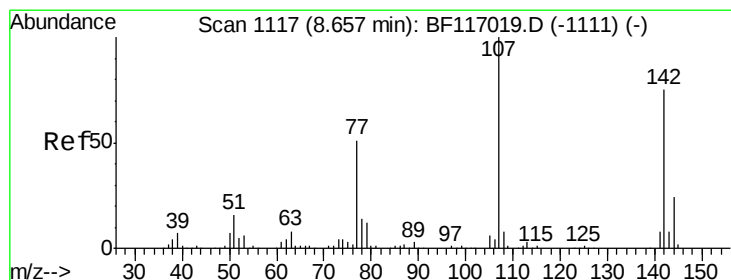
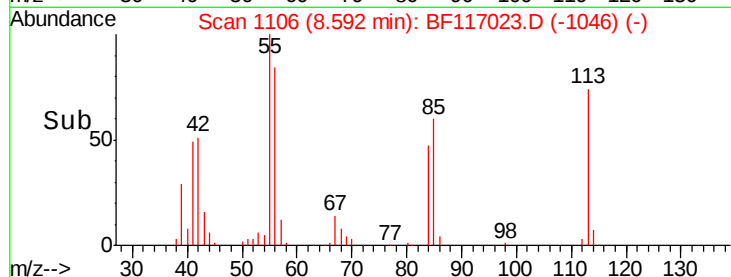
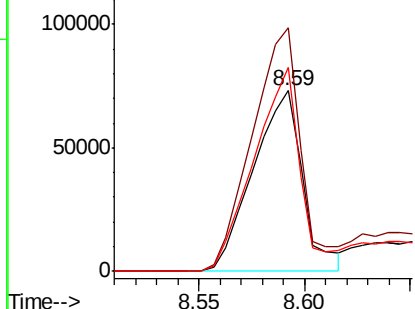
#35
 Caprolactam
 Concen: 70.437 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.05 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 118311
 Ion Ratio Lower Upper
 113 100
 55 134.6 120.6 160.6
 56 112.6 88.8 128.8

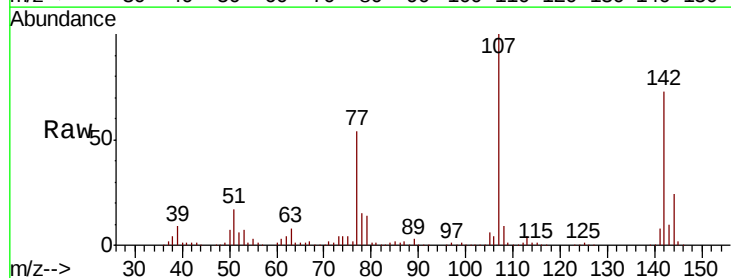


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

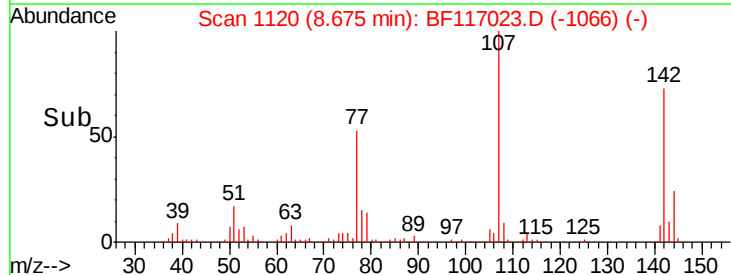
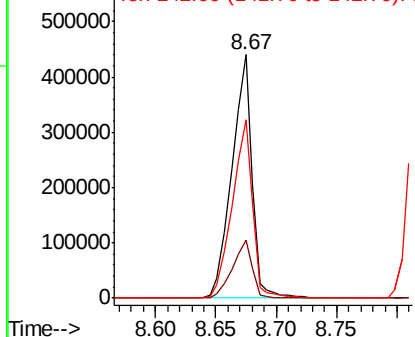


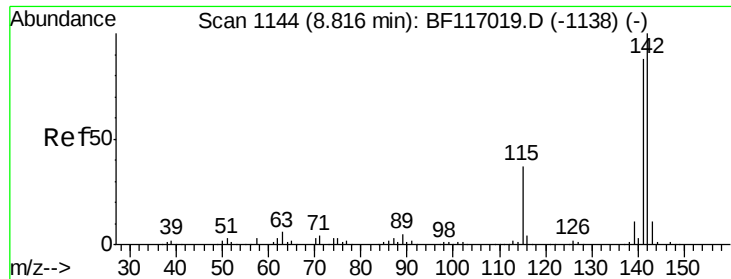
#36
 4-Chloro-3-methylphenol
 Concen: 99.495 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.02 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Tgt Ion:107 Resp: 513242
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.2 28.8
 142 73.4 59.6 89.4



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

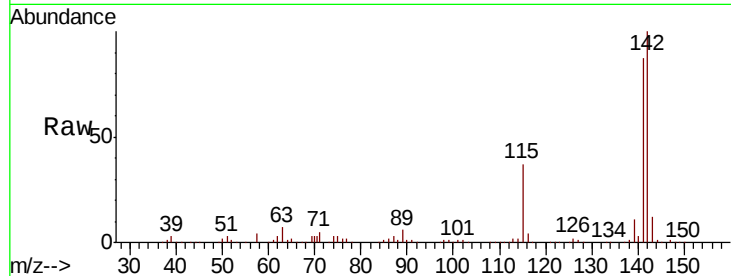




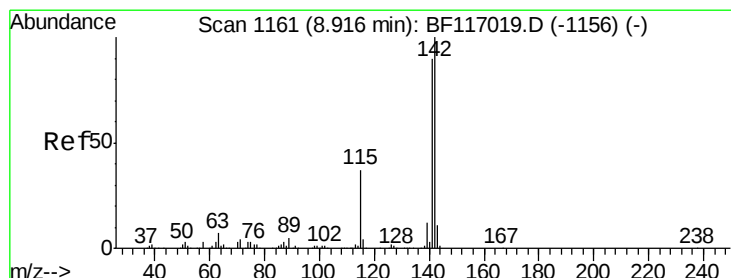
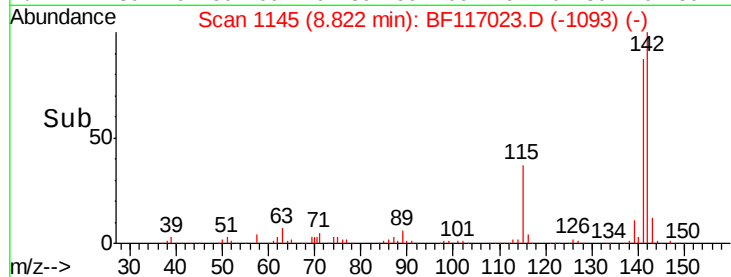
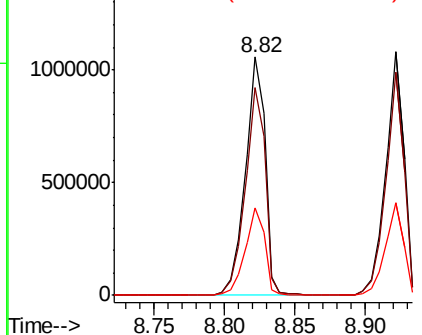
#37
2-Methylnaphthalene
Concen: 93.842 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1036560
Ion Ratio Lower Upper
142 100
141 87.2 70.7 106.1
115 36.5 29.4 44.0

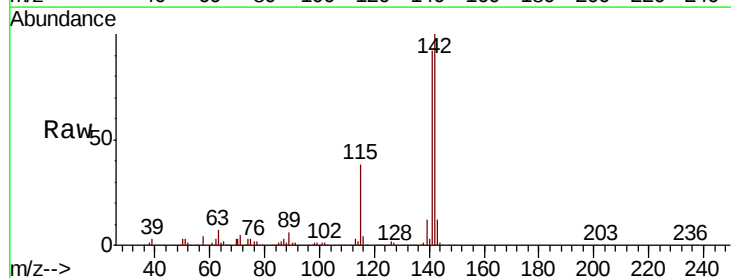


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

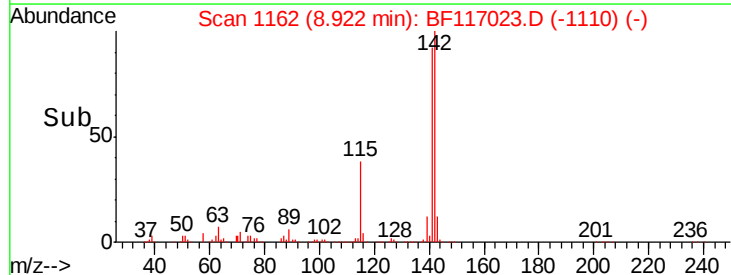
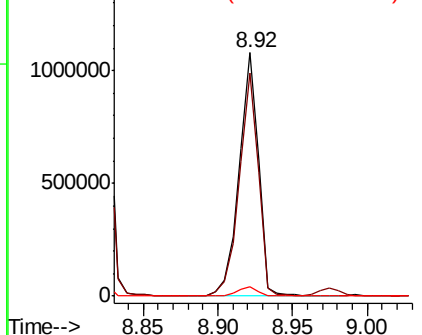


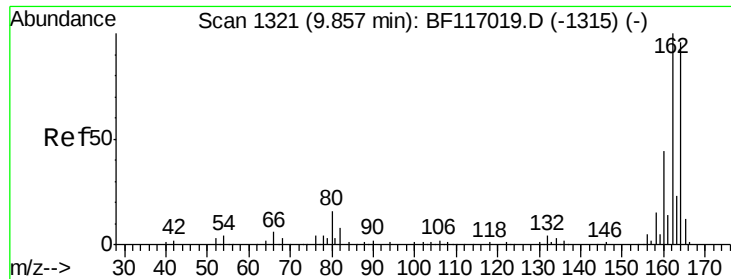
#38
1-Methylnaphthalene
Concen: 93.006 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:142 Resp: 969790
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9
116 4.0 3.2 4.8



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. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Instrument :

BNA_F

ClientSampled :

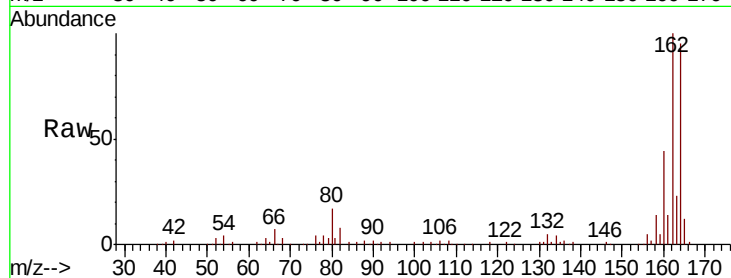
Tot Ion:164 Resp: 177393

Ion Ratio Lower Upper

164 100

162 105.4 83.4 125.2

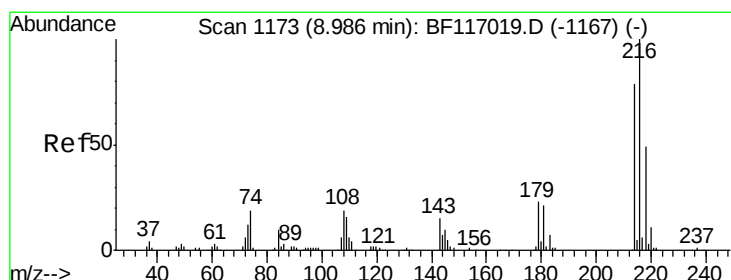
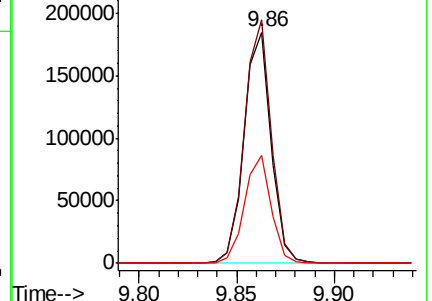
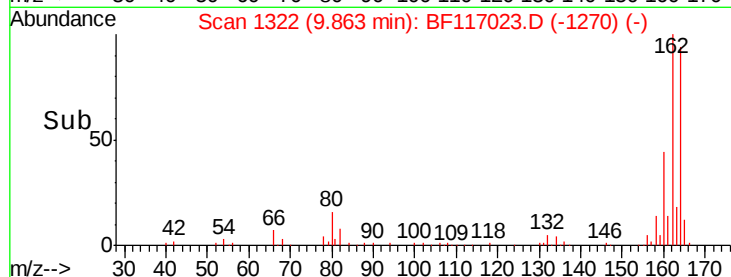
160 46.6 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 99.299 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Tgt Ion:216 Resp: 422262

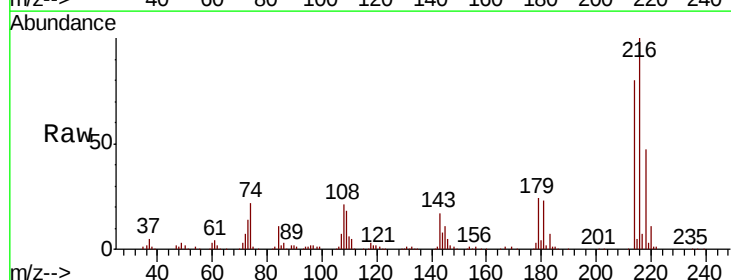
Ion Ratio Lower Upper

216 100

214 79.4 63.6 95.4

179 23.8 18.3 27.5

108 23.1 17.8 26.6

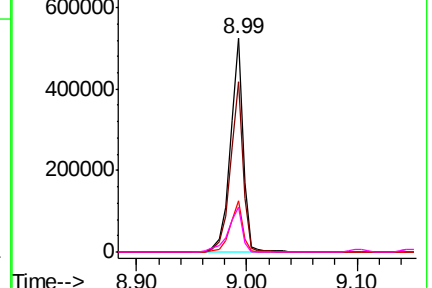
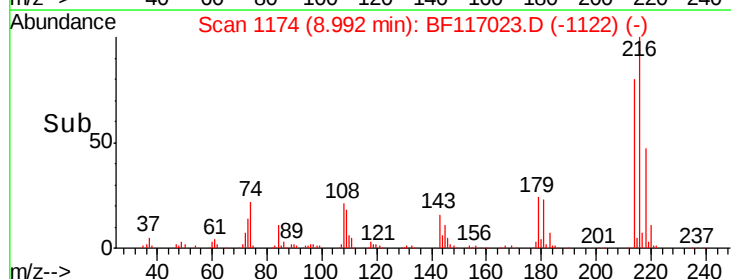


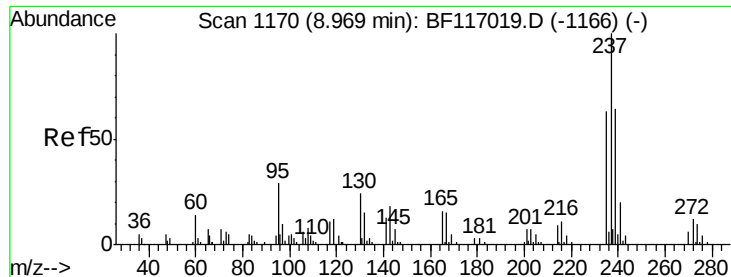
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

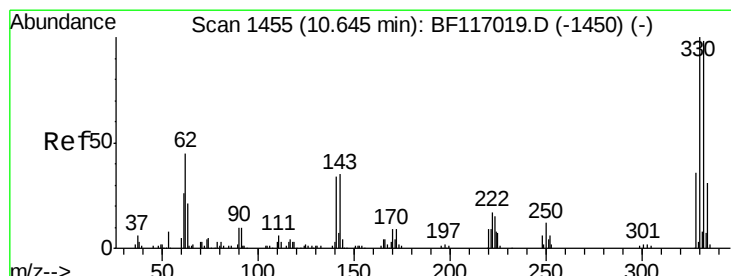
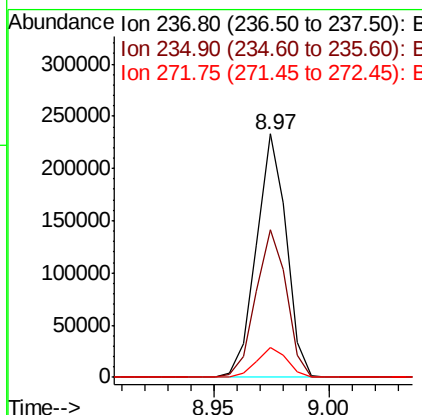
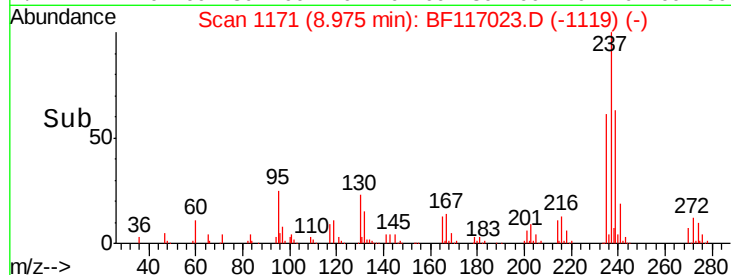
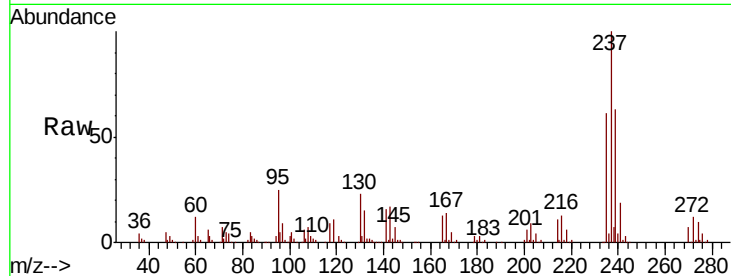




#41
Hexachlorocyclopentadiene
Concen: 86.015 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

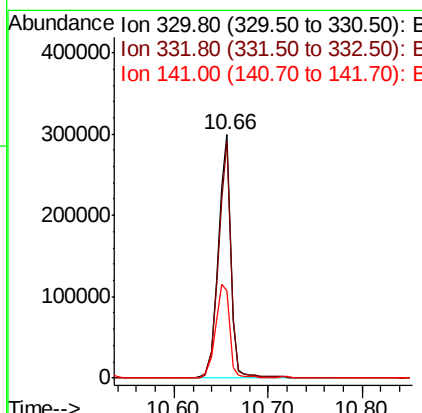
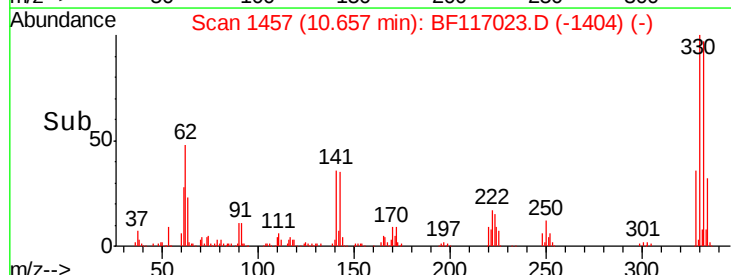
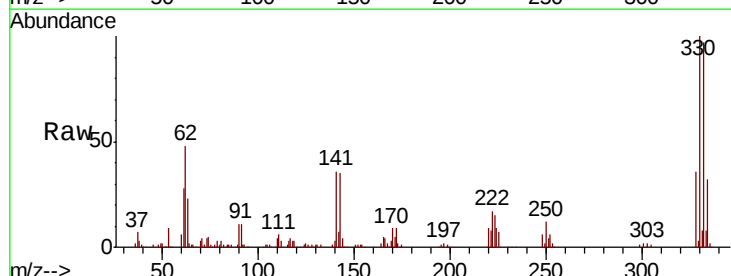
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.7	43.2	83.2
272	12.2	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 238.578 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	43.7	35.8	53.6

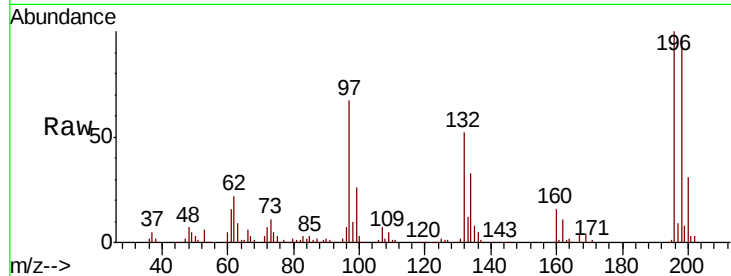




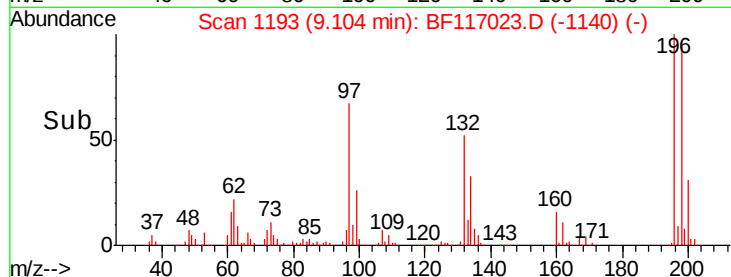
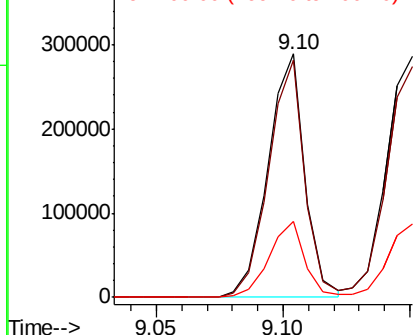
#43
 2,4,6-Trichlorophenol
 Concen: 100.433 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 292764
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 31.0 23.3 34.9

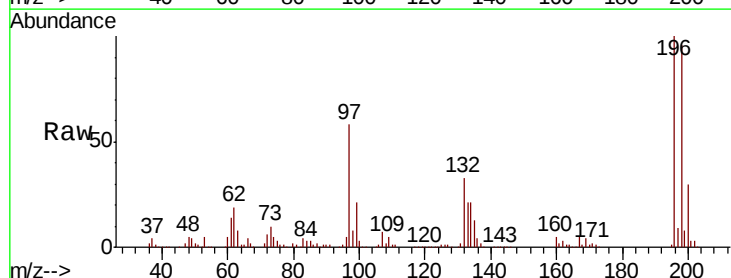


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

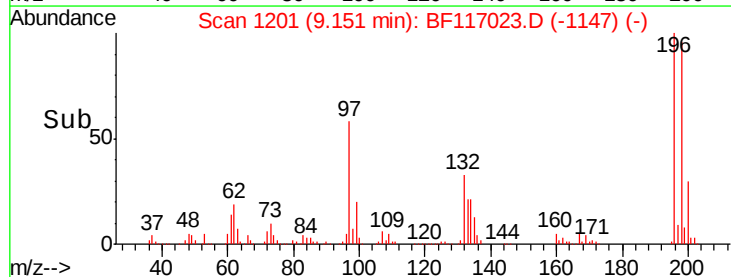
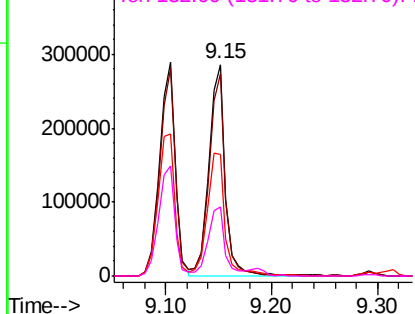


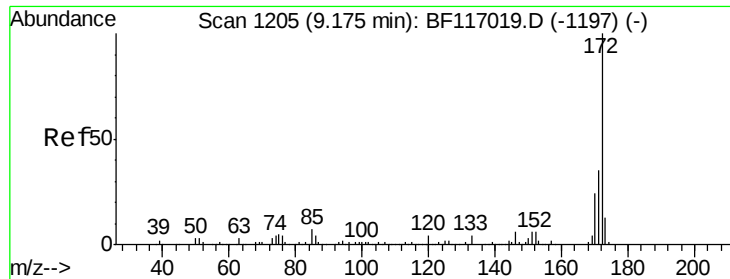
#44
 2,4,5-Trichlorophenol
 Concen: 102.249 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.02 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Tgt Ion:196 Resp: 309439
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.6 112.0
 97 57.8 49.5 74.3
 132 32.7 27.4 41.2



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

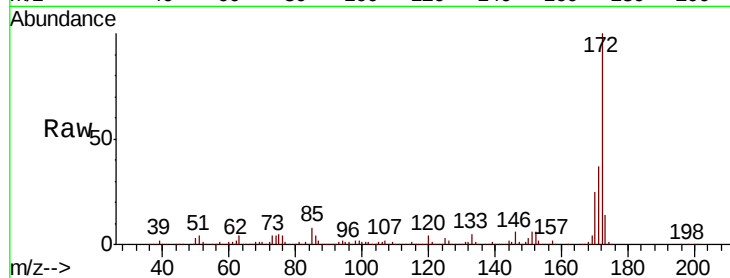




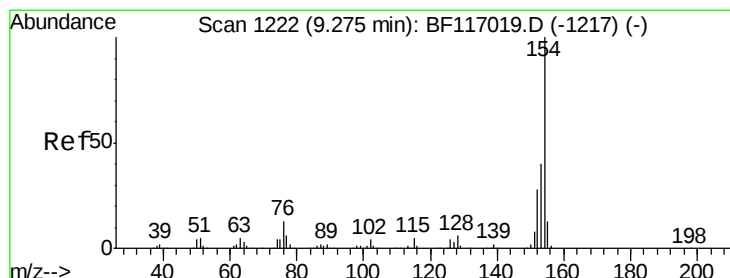
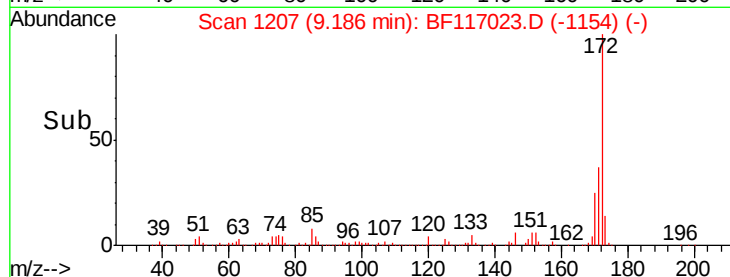
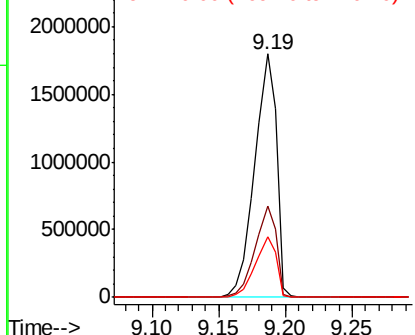
#45
2-Fluorobiphenyl
Concen: 191.136 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2009973
Ion Ratio Lower Upper
172 100
171 37.3 28.2 42.2
170 24.8 18.9 28.3

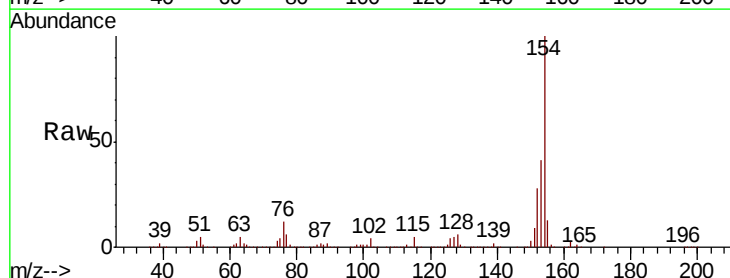


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

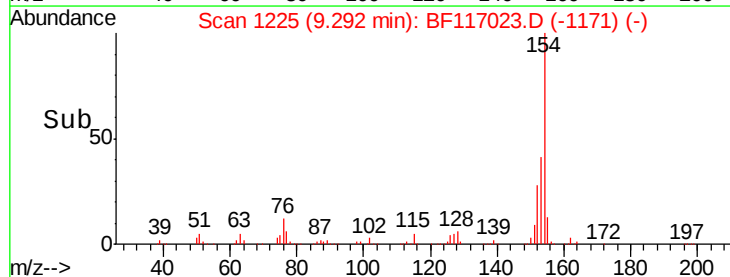
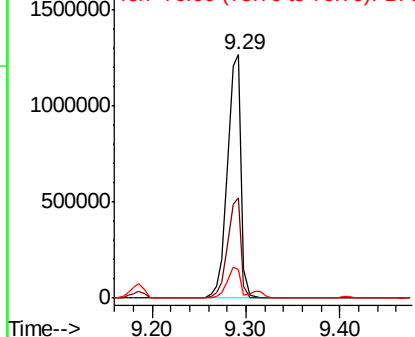


#46
1,1'-Biphenyl
Concen: 94.337 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.02 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:154 Resp: 1269845
Ion Ratio Lower Upper
154 100
153 41.2 20.0 60.0
76 11.6 0.0 32.7



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

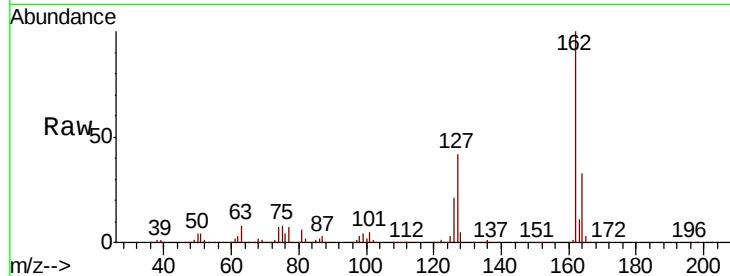




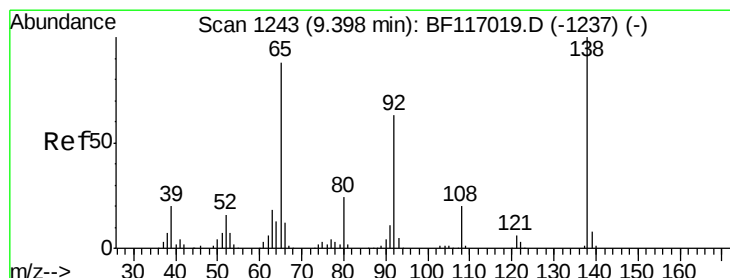
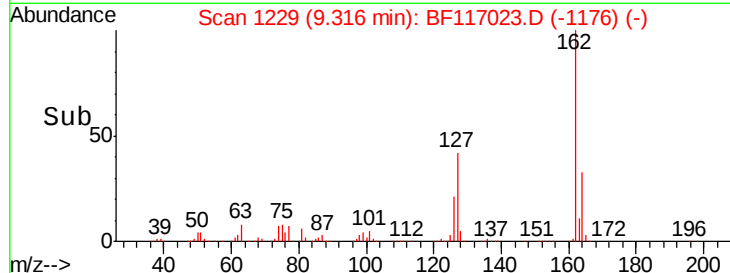
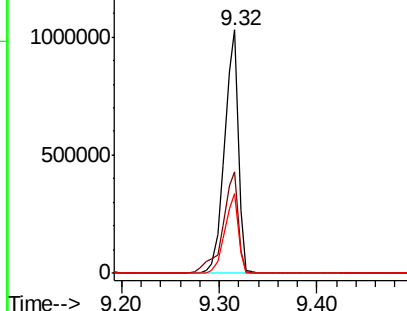
#47
 2-Chloronaphthalene
 Concen: 94.659 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1009199
 Ion Ratio Lower Upper
 162 100
 127 41.9 34.1 51.1
 164 32.8 25.9 38.9

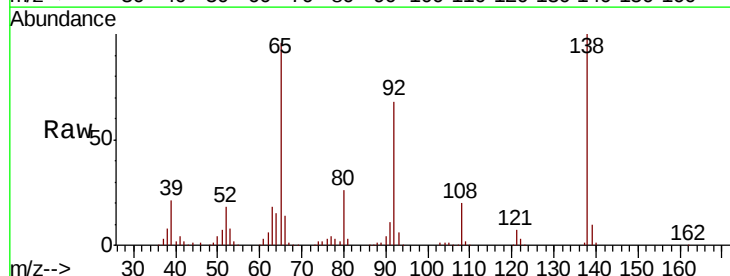


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

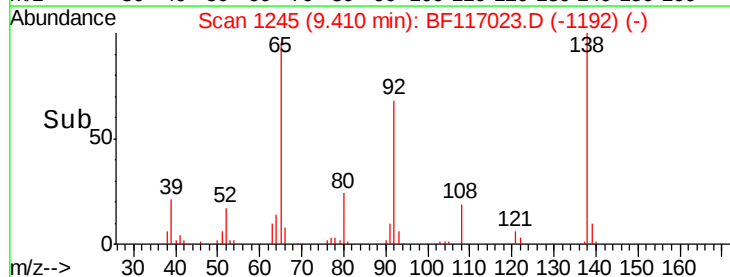
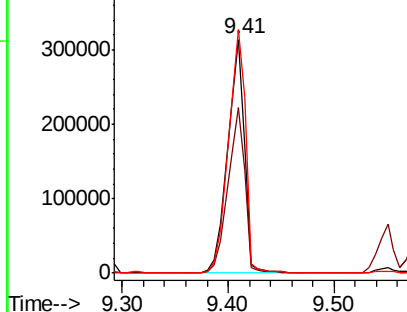


#48
 2-Nitroaniline
 Concen: 111.004 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Tgt Ion: 65 Resp: 342143
 Ion Ratio Lower Upper
 65 100
 92 70.8 57.5 86.3
 138 104.1 90.6 136.0



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: 91.131 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

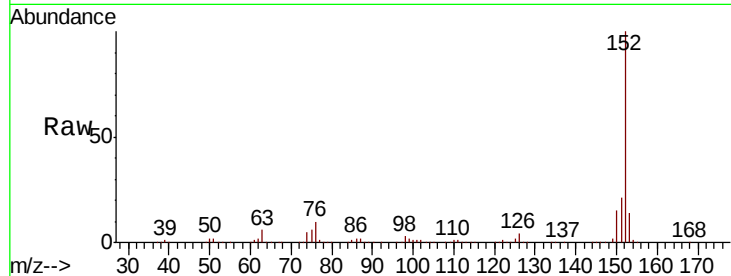
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1468691

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	13.7	10.2	15.4

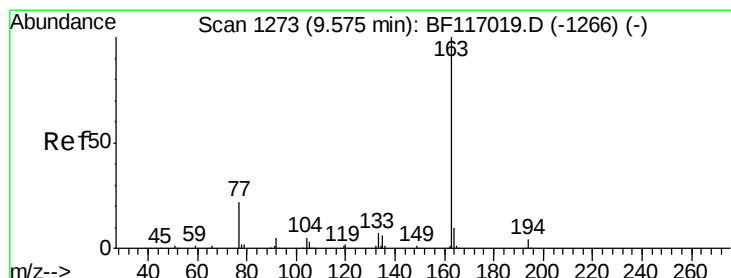
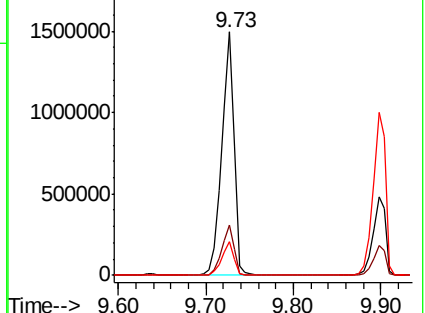
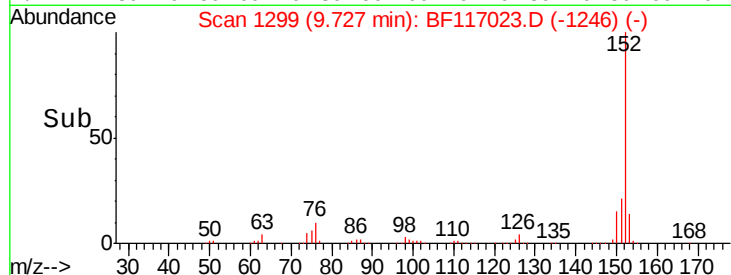


Abundance

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: 98.531 ng

RT: 9.60 min Scan# 1277

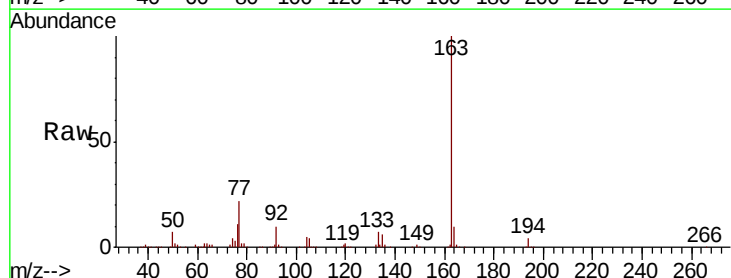
Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Tgt Ion:163 Resp: 1206725

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.9	8.2	12.4

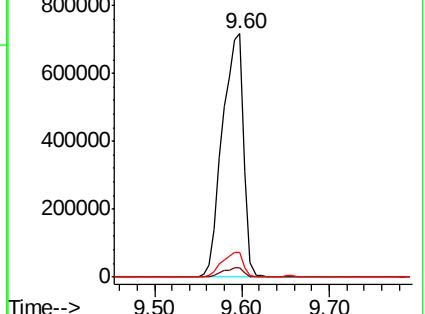
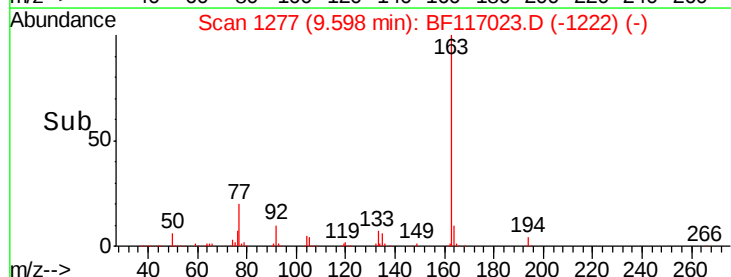


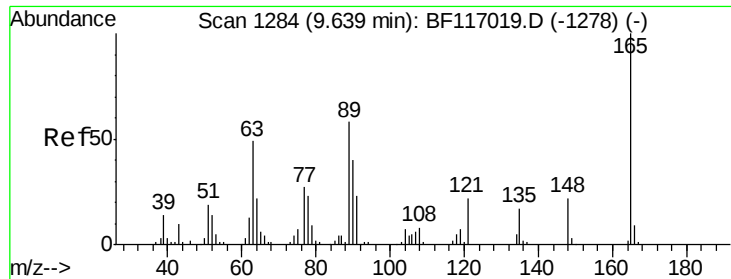
Abundance

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: 106.709 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Instrument :

BNA_F

ClientSampled :

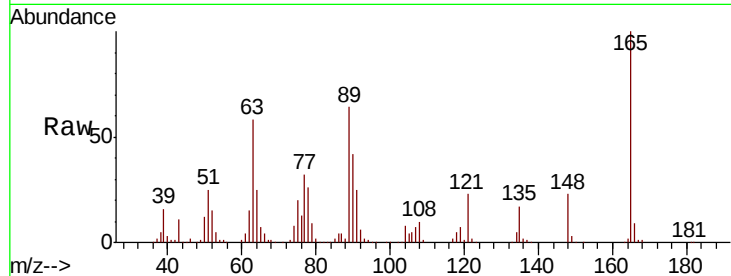
Tot Ion:165 Resp: 249343

Ion Ratio Lower Upper

165 100

63 57.7 41.8 62.8

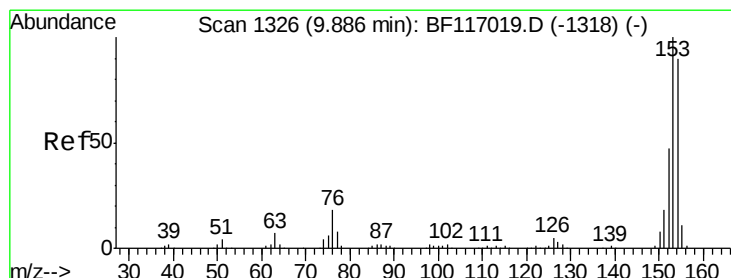
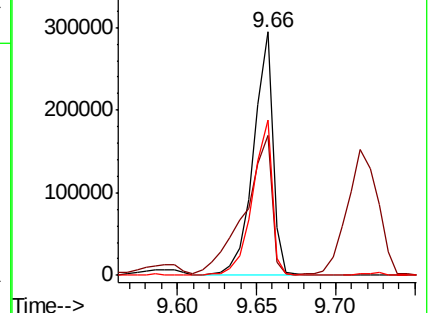
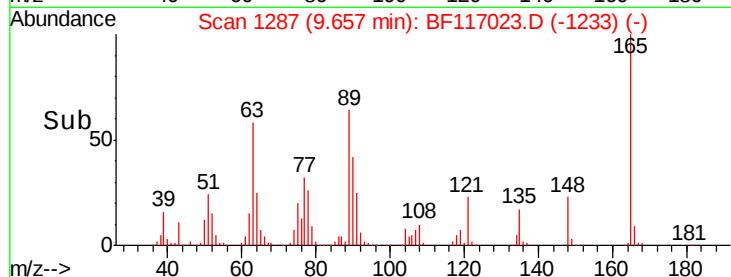
89 63.6 46.5 69.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 90.110 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

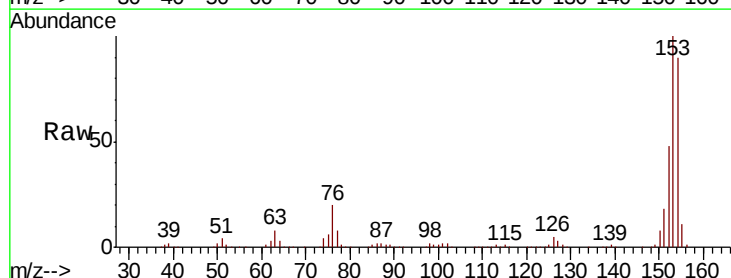
Tgt Ion:154 Resp: 892302

Ion Ratio Lower Upper

154 100

153 111.2 89.0 133.6

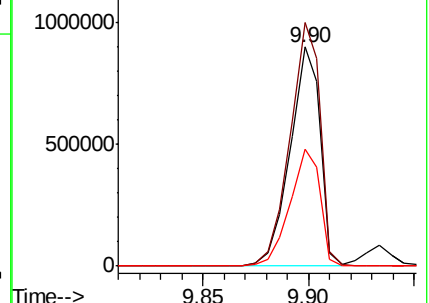
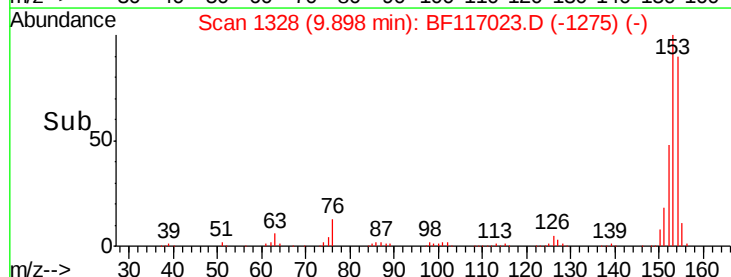
152 53.7 41.9 62.9

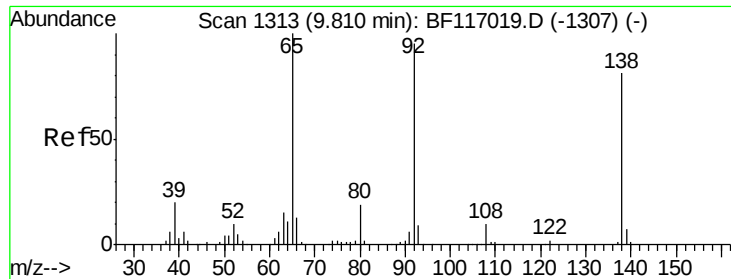


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 105.376 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Instrument :

BNA_F

ClientSampleId :

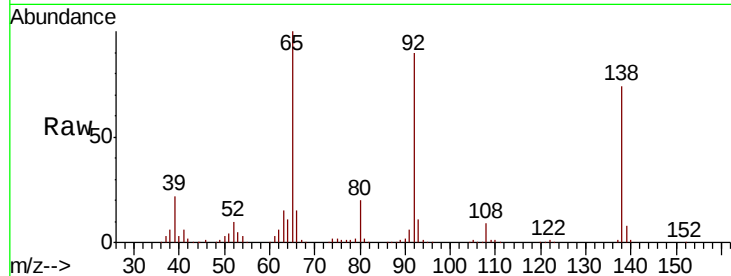
Tot Ion:138 Resp: 308574

Ion Ratio Lower Upper

138 100

108 11.7 9.5 14.3

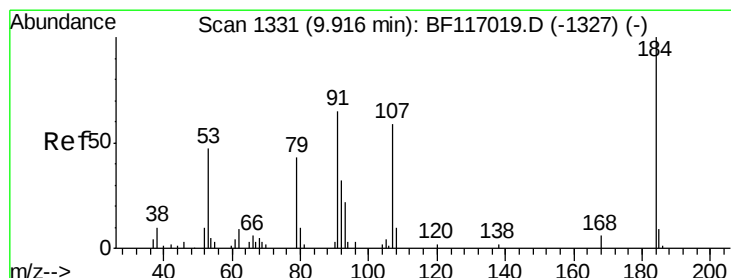
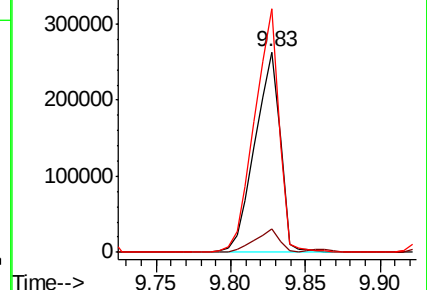
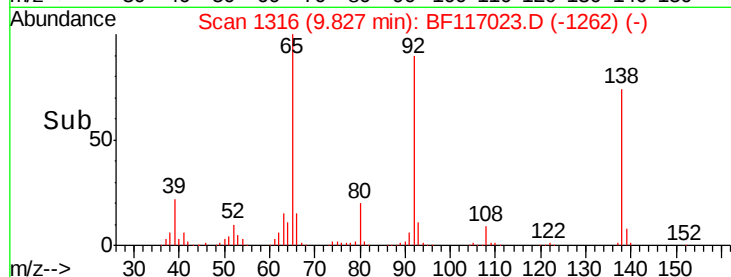
92 121.5 94.1 141.1



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: 168.701 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

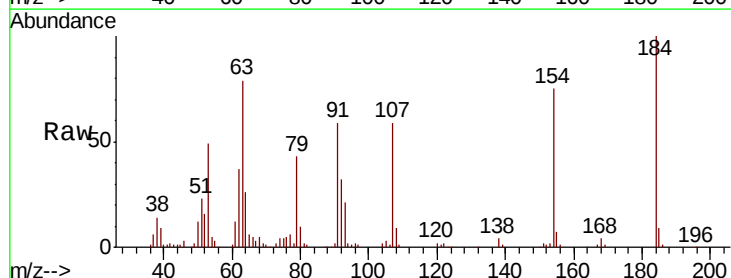
Tgt Ion:184 Resp: 115808

Ion Ratio Lower Upper

184 100

63 78.7 63.8 95.6

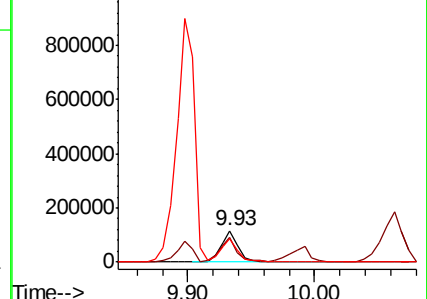
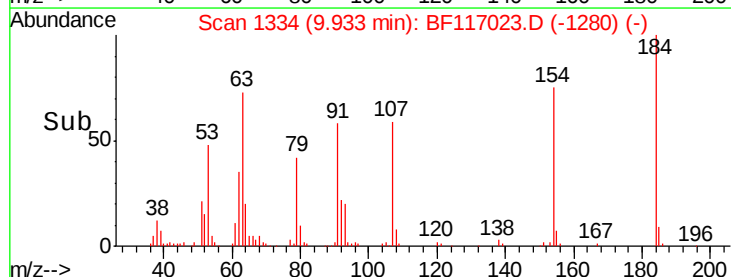
154 74.9 60.4 90.6

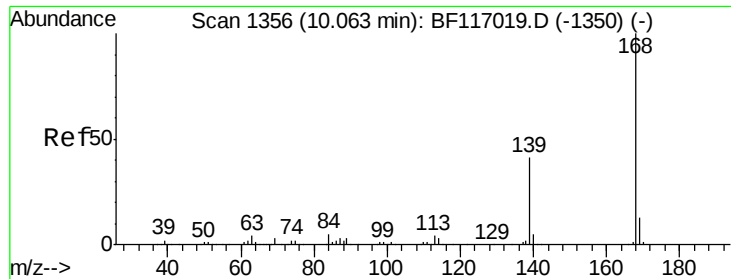


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

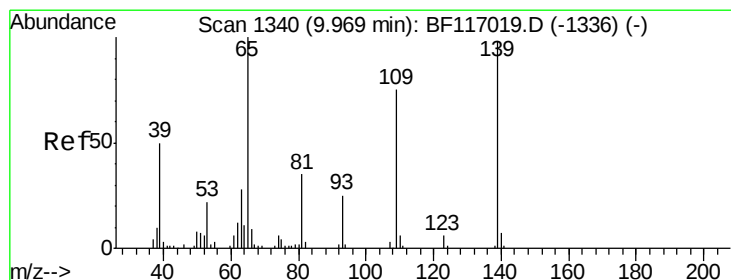
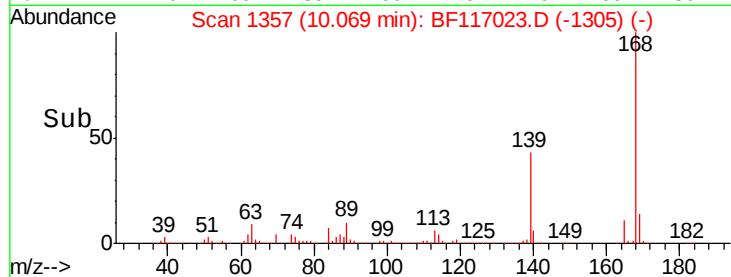
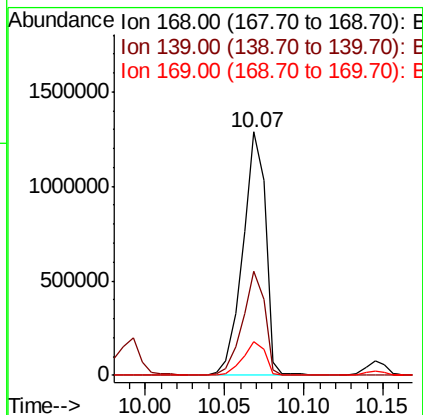
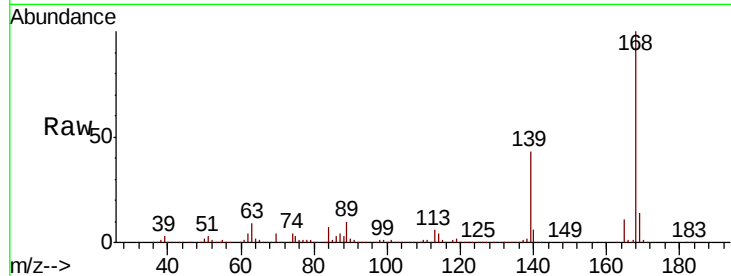




#55
Dibenzenofuran
Concen: 91.378 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

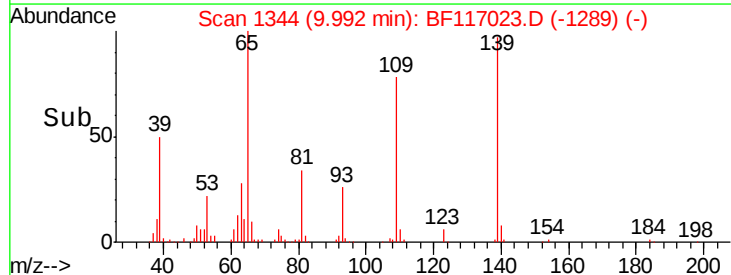
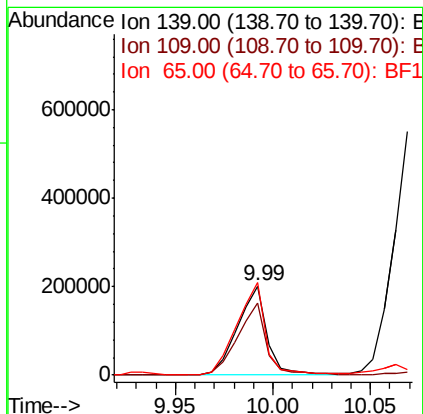
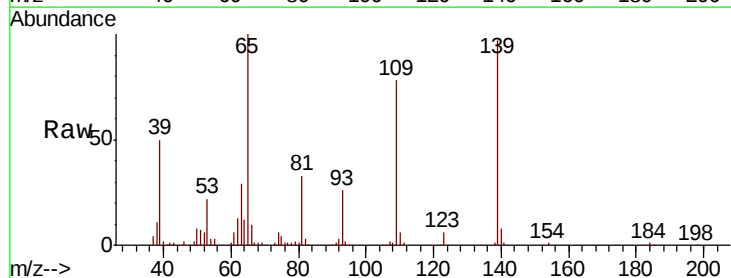
Instrument :
BNA_F
ClientSampleId :

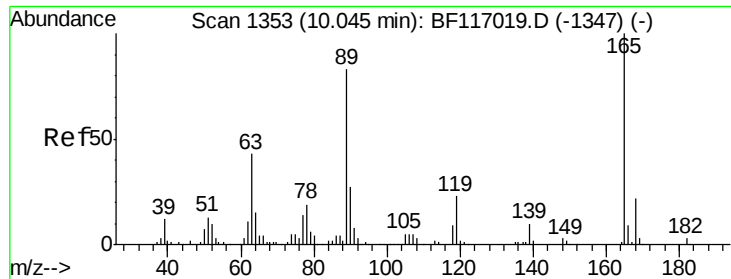
Tot Ion:168 Resp: 1275581
Ion Ratio Lower Upper
168 100
139 42.7 32.8 49.2
169 13.8 10.5 15.7



#56
4-Nitrophenol
Concen: 105.574 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:139 Resp: 211981
Ion Ratio Lower Upper
139 100
109 80.5 56.4 96.4
65 103.4 82.5 122.5

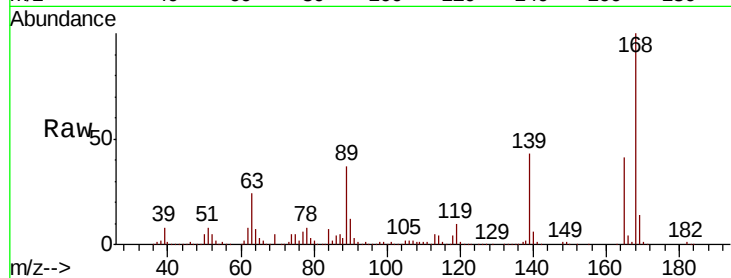




#57
2,4-Dinitrotoluene
Concen: 112.579 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.02 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.2	35.0	52.4#
89	92.2	66.1	99.1
182	2.6	2.0	3.0



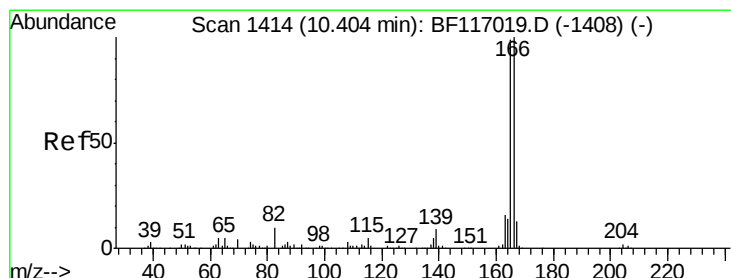
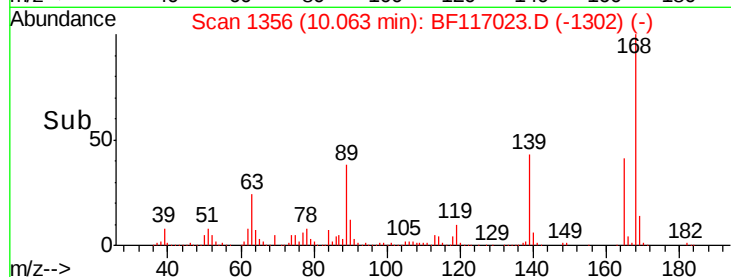
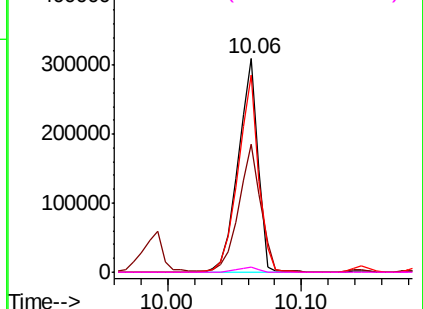
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

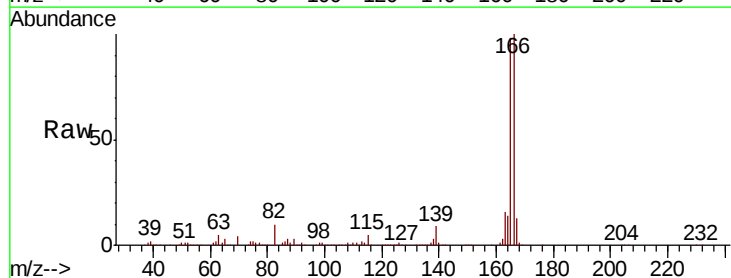
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 98.607 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.9	118.3
167	13.5	10.6	15.8

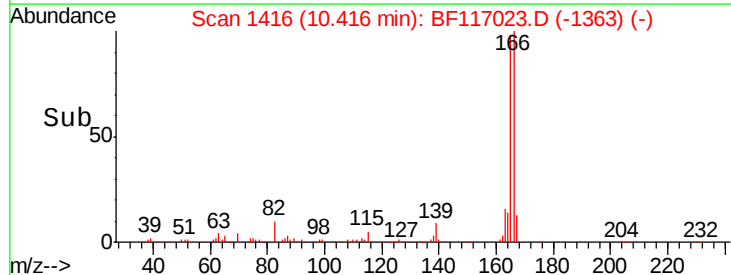
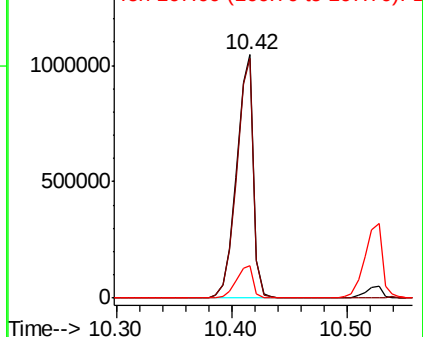


Abundance

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

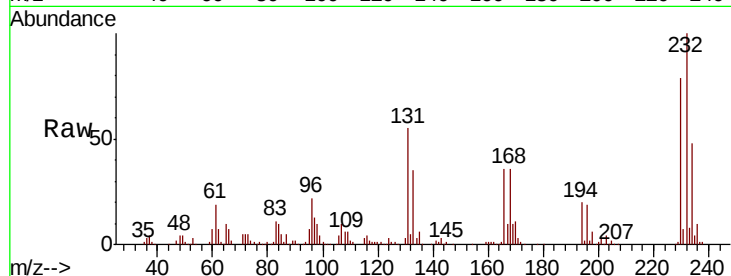




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 110.677 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	57.3	45.3	67.9
130	2.7	1.8	2.8
166	35.4	29.4	44.2



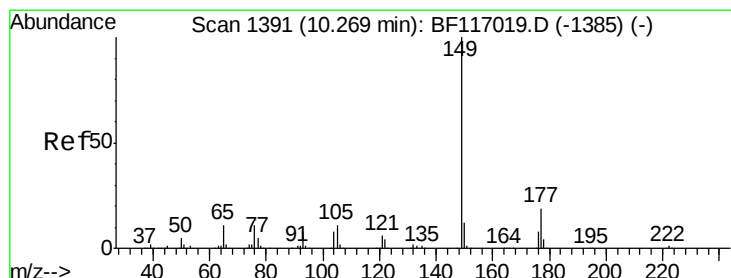
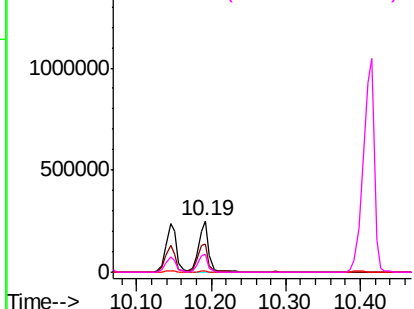
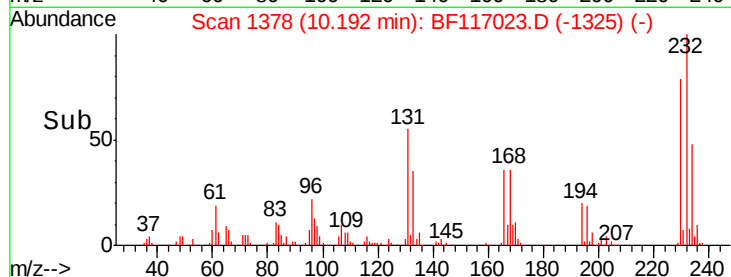
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

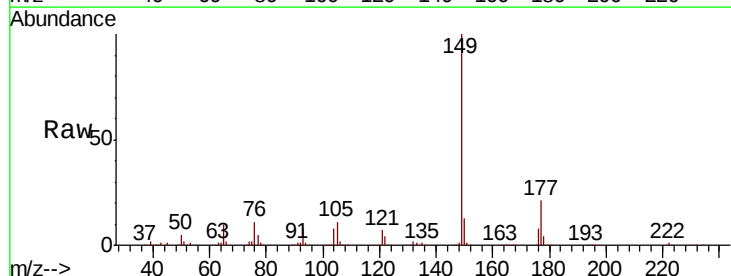
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 95.786 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.02 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	15.2	22.8
150	12.5	9.9	14.9

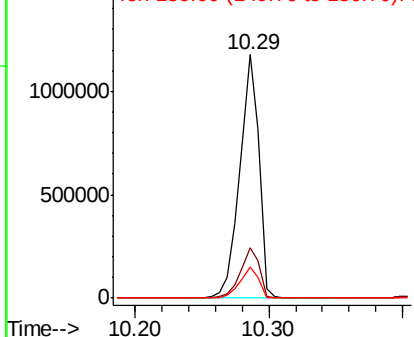
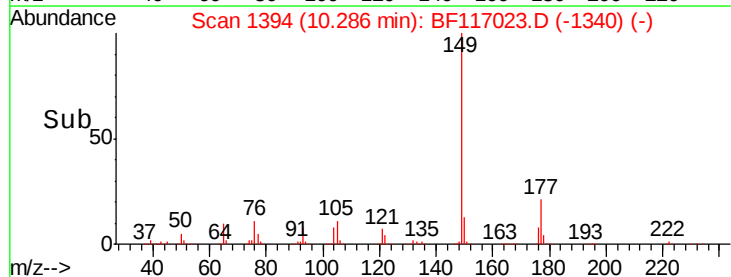


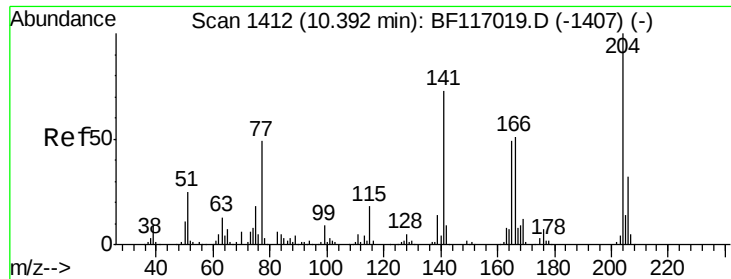
Abundance

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

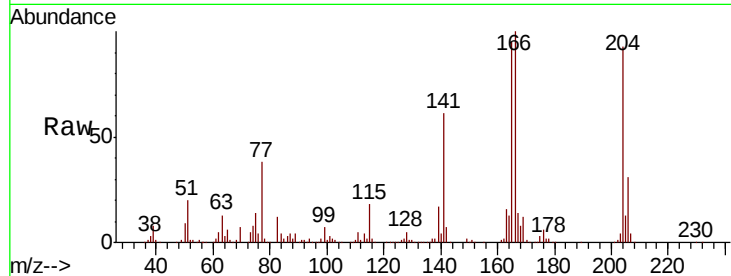




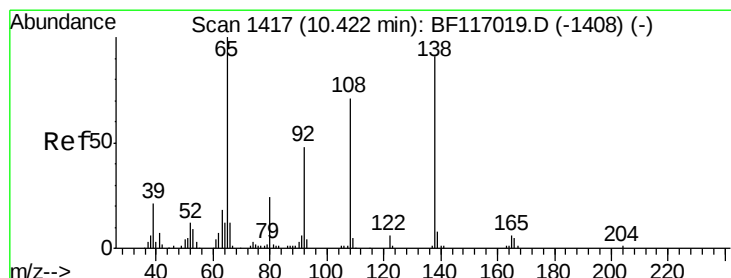
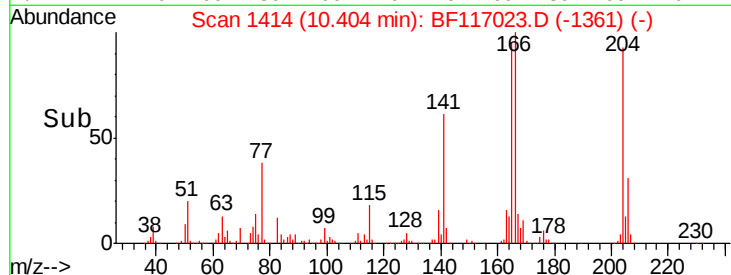
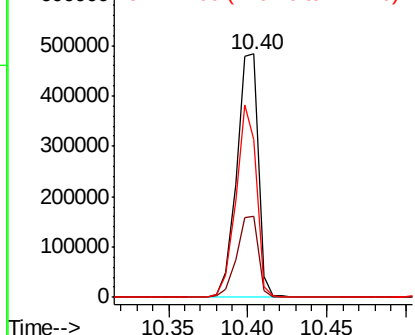
#61
4-Chlorophenyl-phenylether
Concen: 98.161 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 457205
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 65.0 58.2 87.2

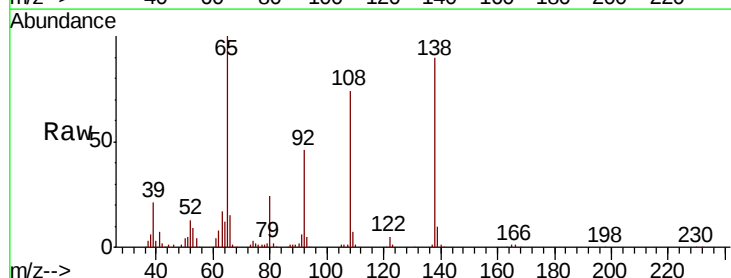


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

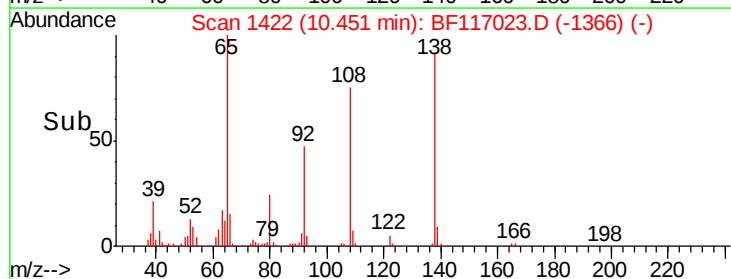
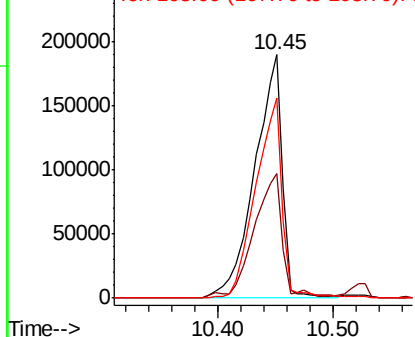


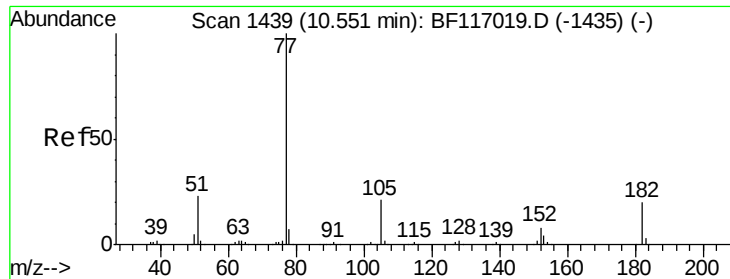
#62
4-Nitroaniline
Concen: 112.106 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.03 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:138 Resp: 318586
Ion Ratio Lower Upper
138 100
92 51.2 32.9 72.9
108 82.2 58.3 98.3



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





#63

Azobenzene

Concen: 91.851 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

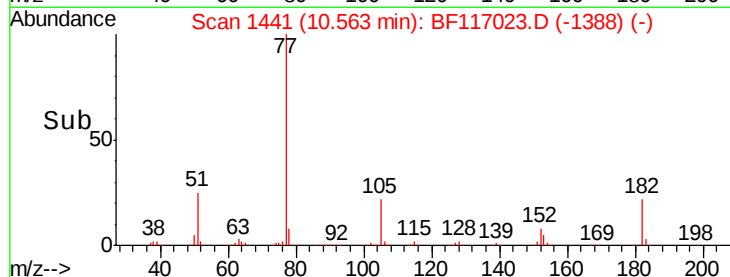
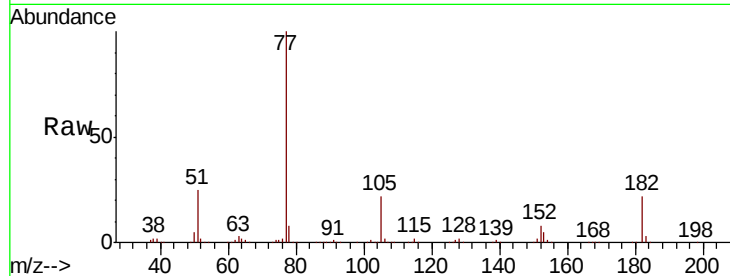
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1174961

Ion	Ratio	Lower	Upper
77	100		
182	22.0	0.4	40.4
105	22.2	0.9	40.9
51	24.6	2.8	42.8

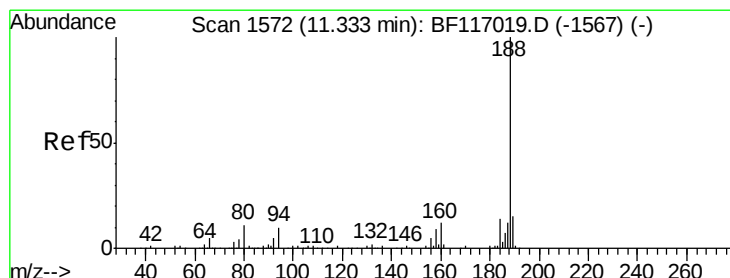


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

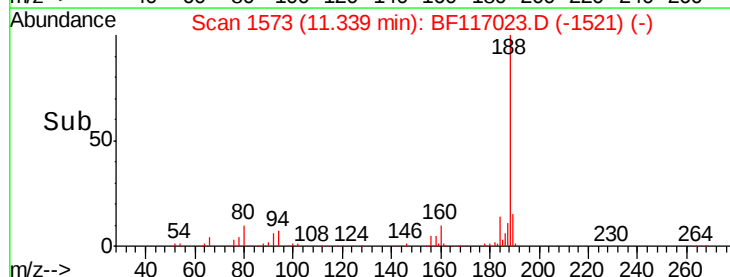
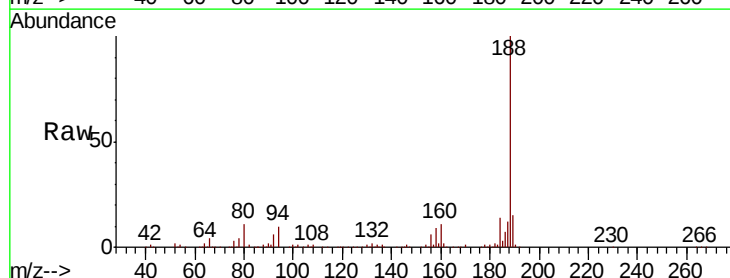
Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Tgt Ion: 188 Resp: 288892

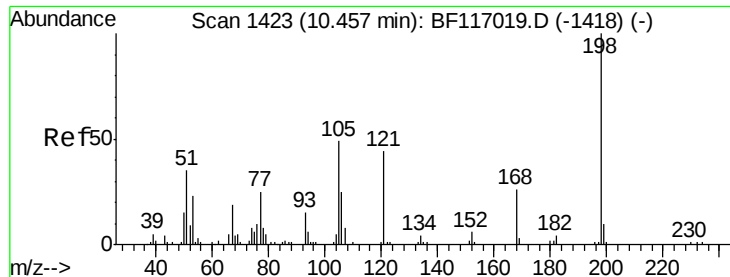
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	10.8	9.0	13.6



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: 147.997 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Instrument :

BNA_F

ClientSampled :

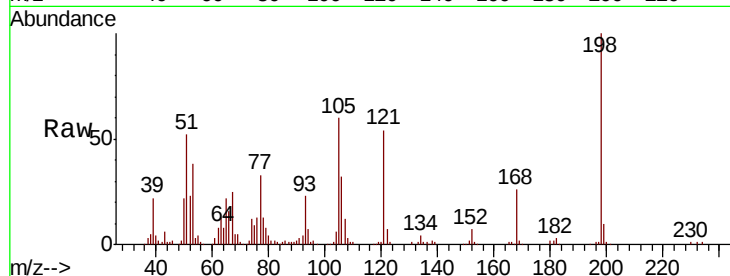
Tot Ion:198 Resp: 144394

Ion Ratio Lower Upper

198 100

51 51.6 18.7 58.7

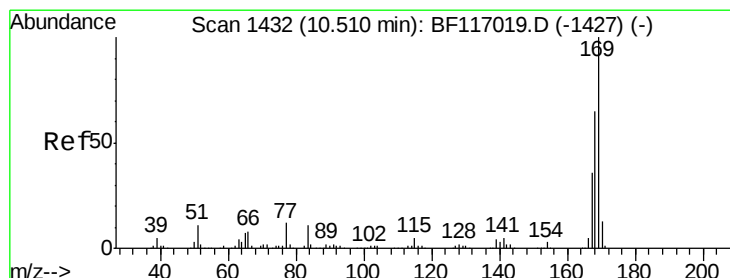
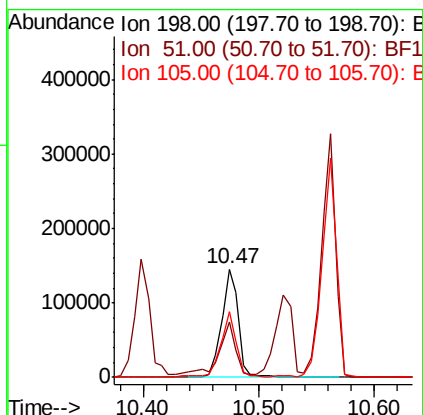
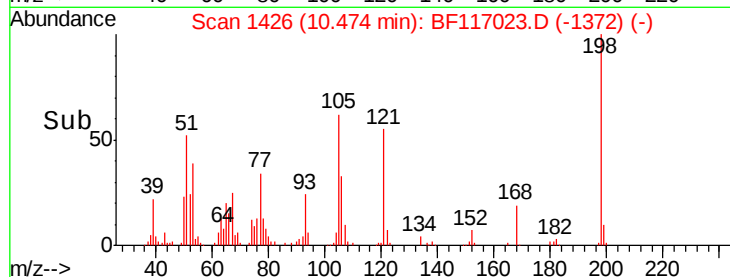
105 60.4 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 92.087 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.02 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

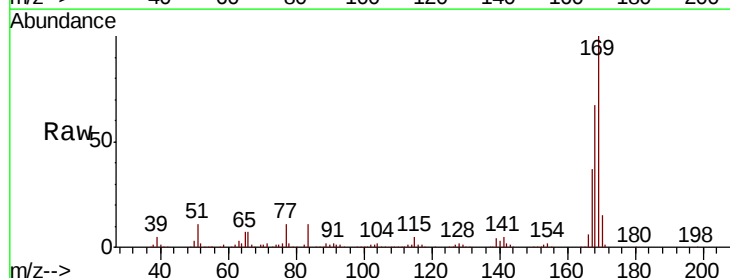
Tgt Ion:169 Resp: 920293

Ion Ratio Lower Upper

169 100

168 66.9 52.2 78.2

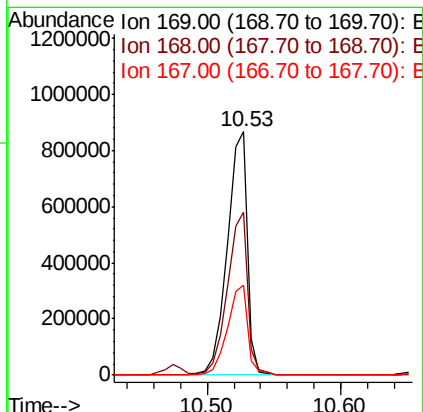
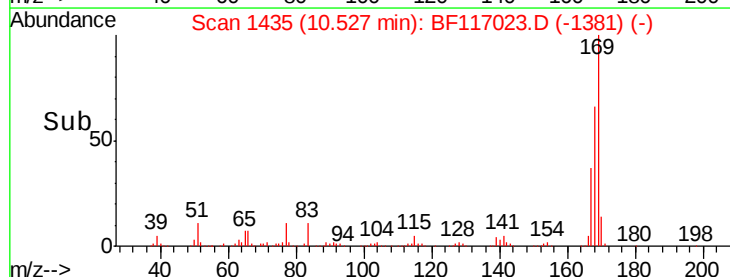
167 37.0 28.8 43.2

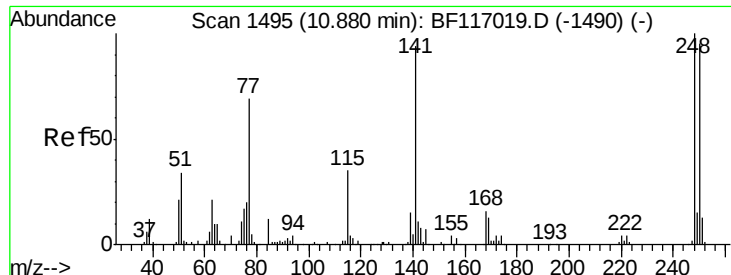


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

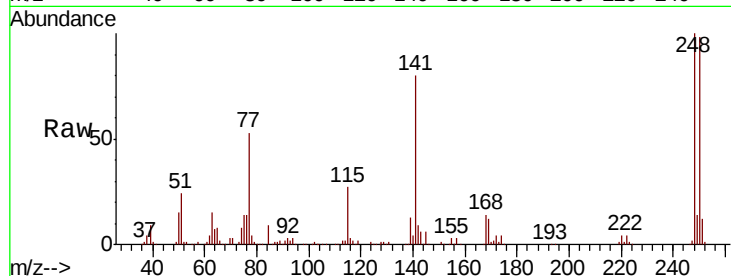




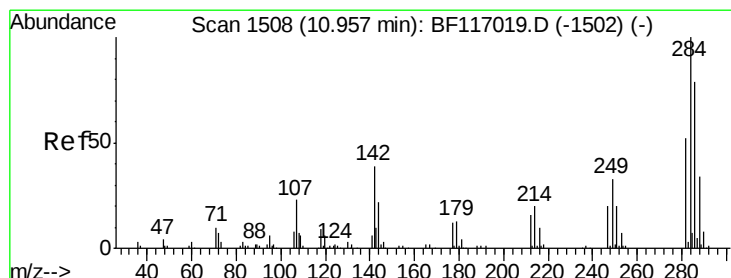
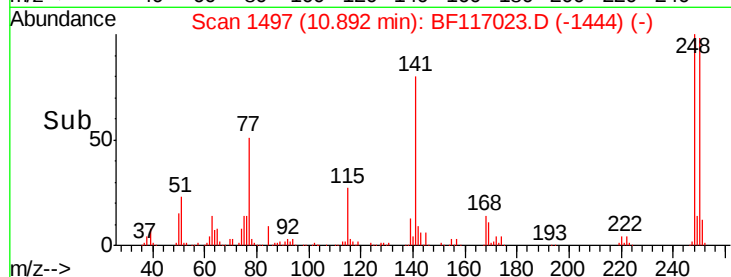
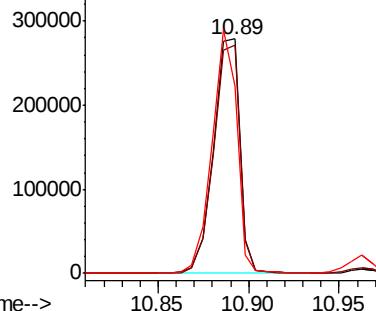
#67
4-Bromophenyl-phenylether
Concen: 95.695 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 280841
Ion Ratio Lower Upper
248 100
250 97.5 76.2 114.4
141 79.9 75.0 112.4

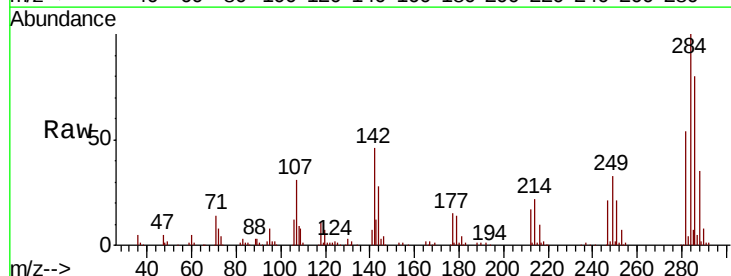


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

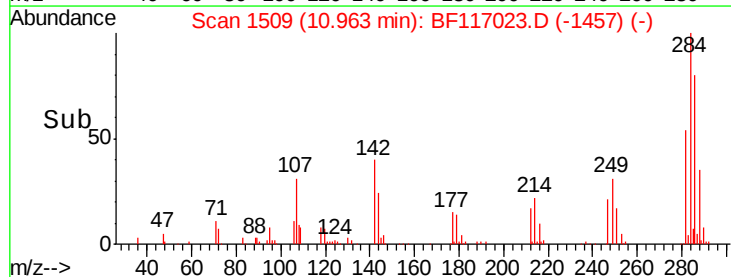
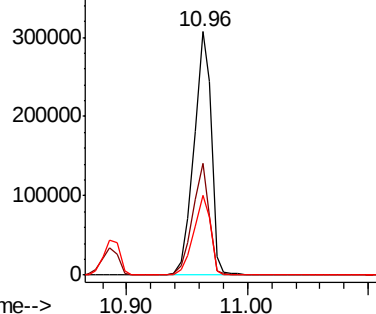


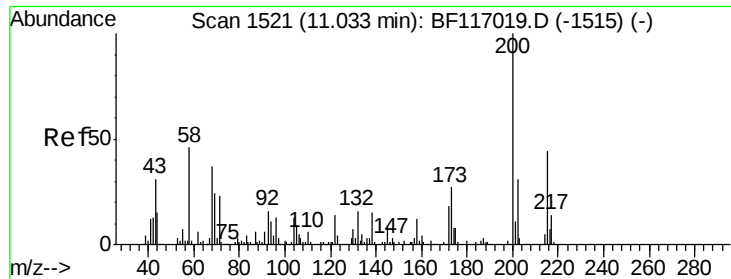
#68
Hexachlorobenzene
Concen: 99.144 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:284 Resp: 304423
Ion Ratio Lower Upper
284 100
142 46.1 31.4 47.2
249 32.9 26.5 39.7



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

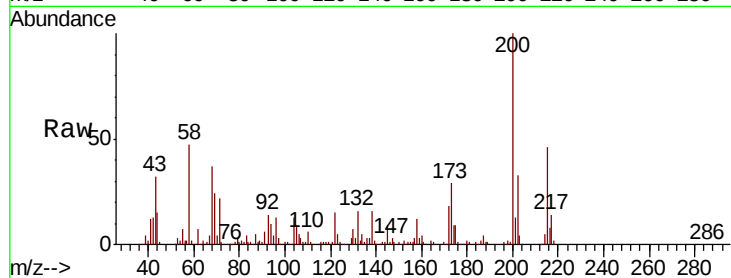




#69
Atrazine
Concen: 61.446 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	6.9	46.9
215	45.9	23.8	63.8

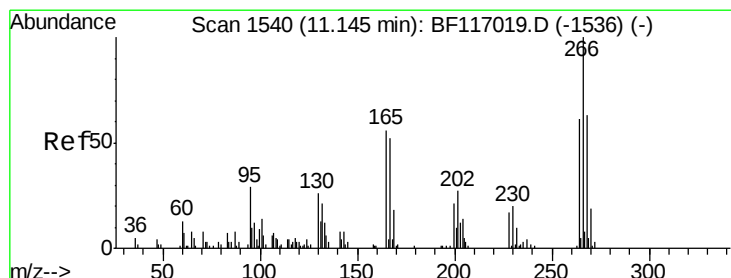
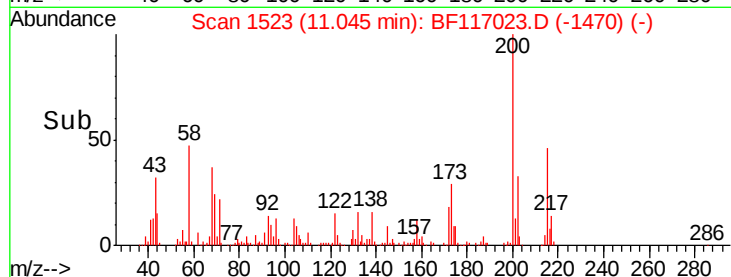
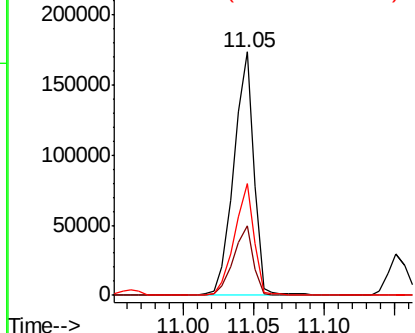


Abundance

Ion 200.00 (199.70 to 200.70): E

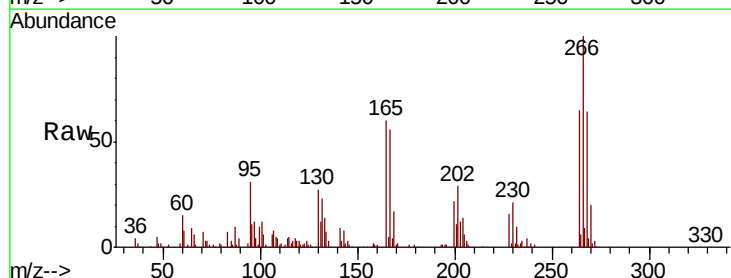
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 104.694 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.5	75.7
264	64.7	48.8	73.2

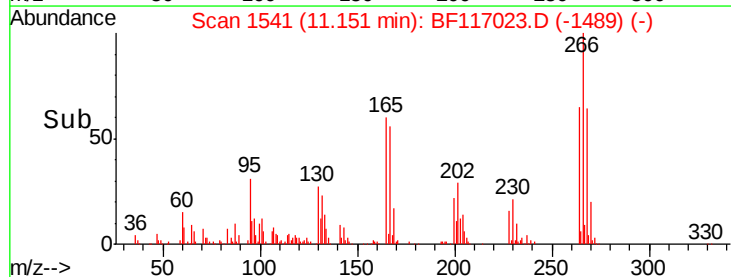
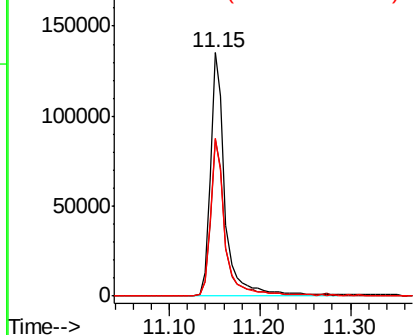


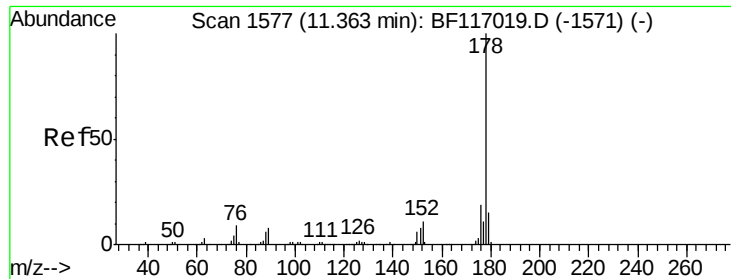
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

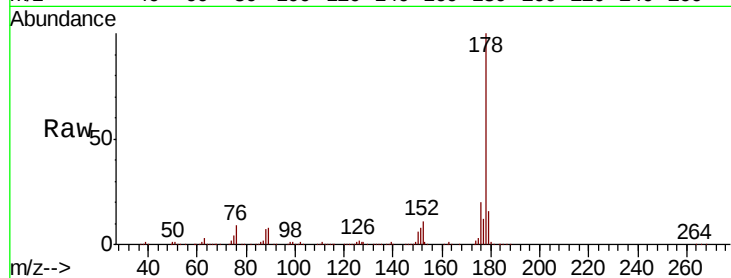




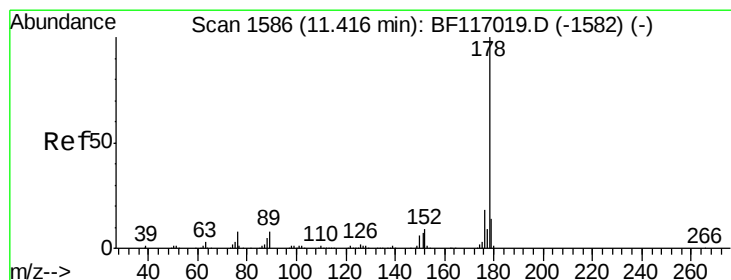
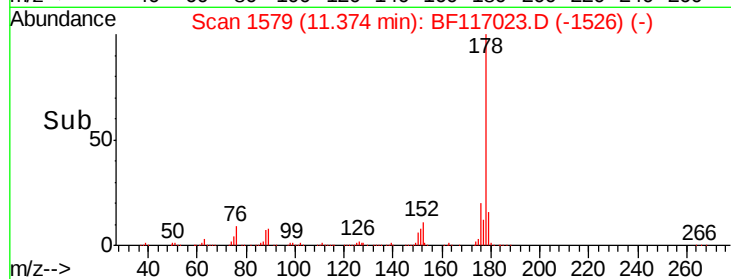
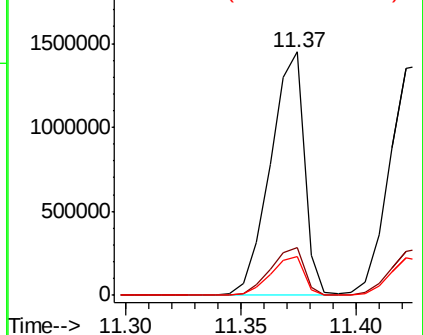
#71
Phenanthrene
Concen: 91.990 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1479340
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.9 12.4 18.6

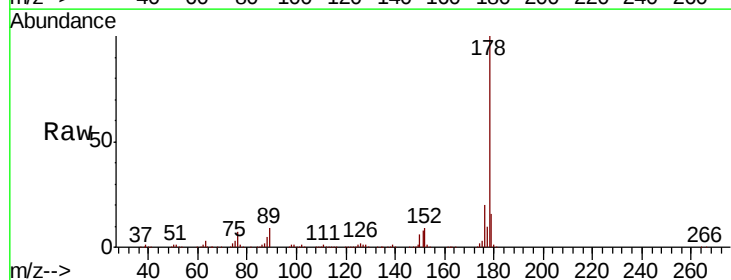


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

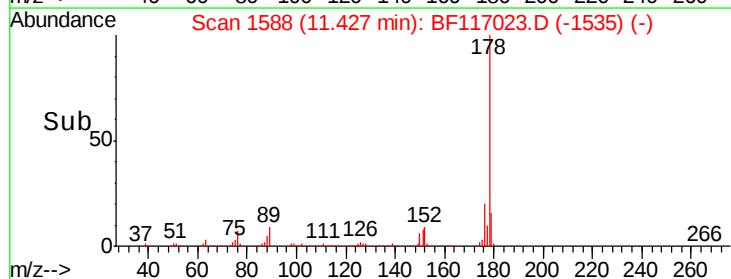
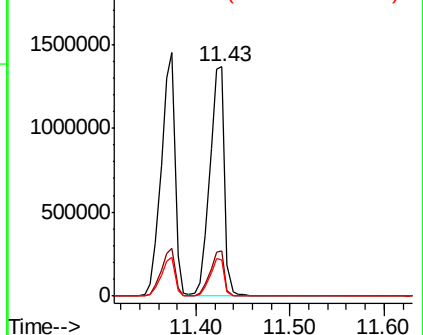


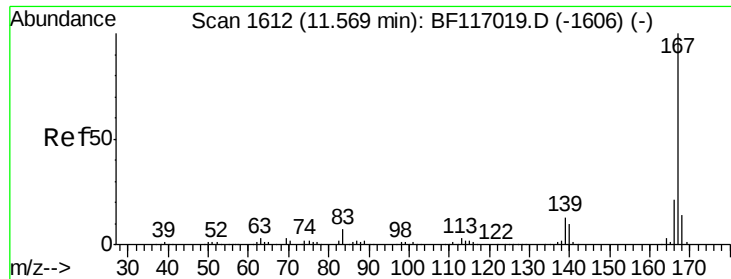
#72
Anthracene
Concen: 93.659 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:178 Resp: 1516193
Ion Ratio Lower Upper
178 100
176 19.6 14.6 21.8
179 15.8 11.6 17.4



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



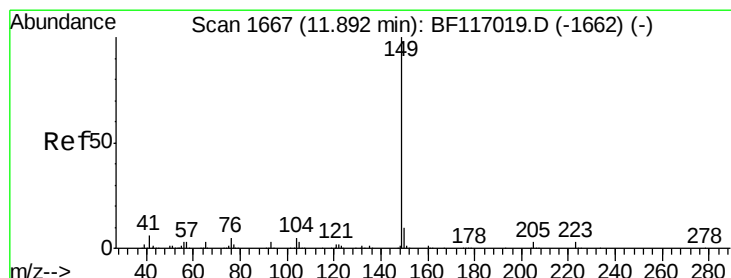
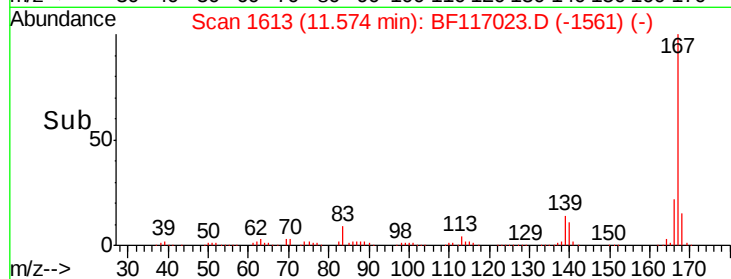
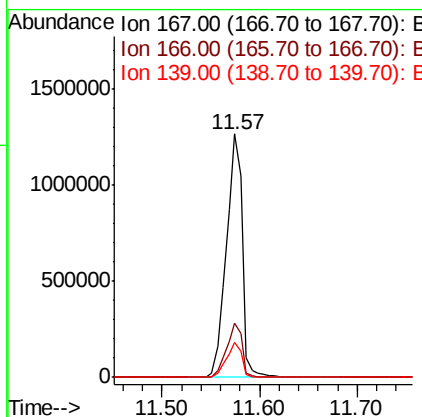
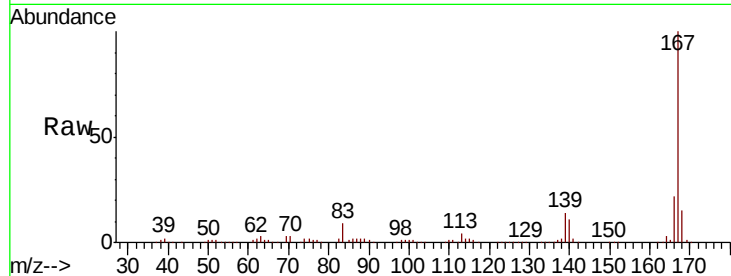


#73
 Carbazole
 Concen: 92.771 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1430557

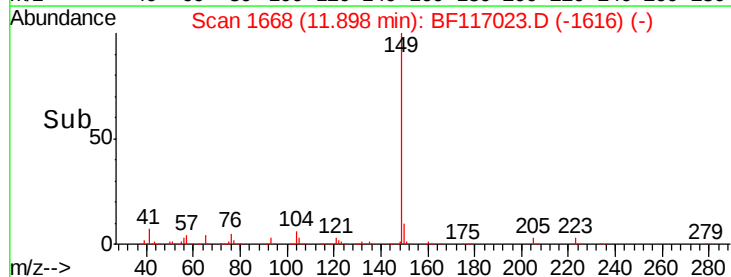
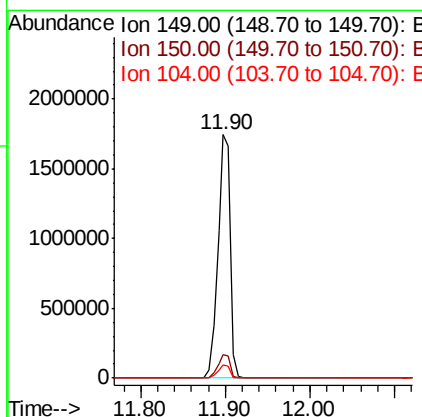
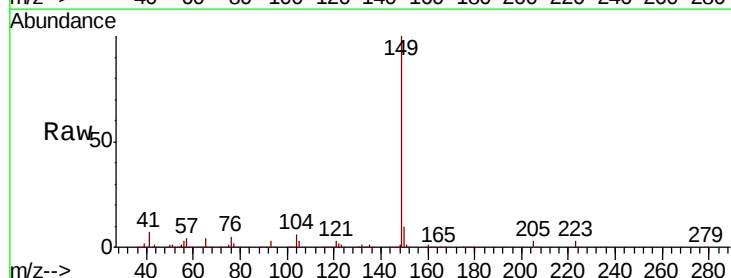
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	14.4	10.6	16.0

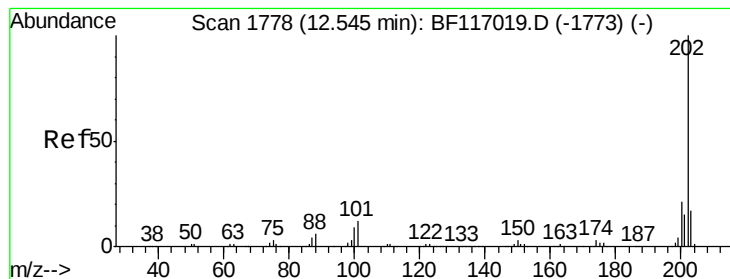


#74
 Di-n-butylphthalate
 Concen: 91.405 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Tgt Ion:149 Resp: 1806947

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.7	4.2	6.4

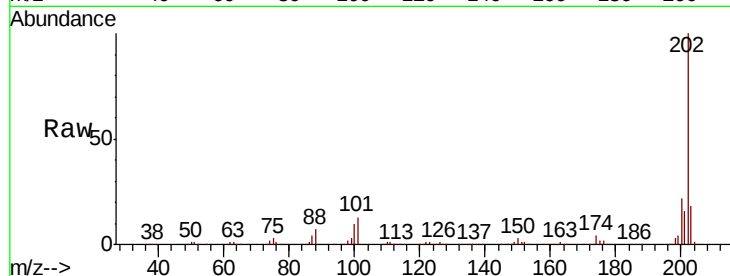




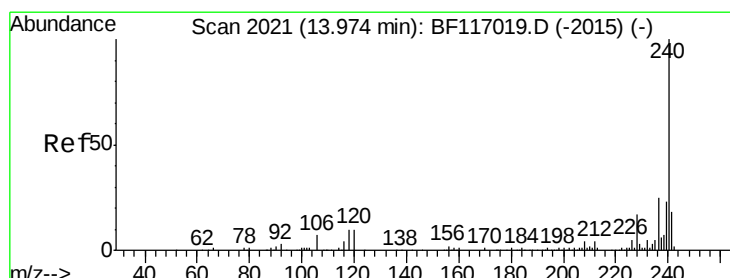
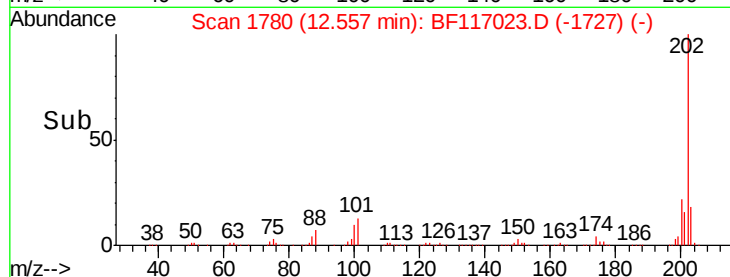
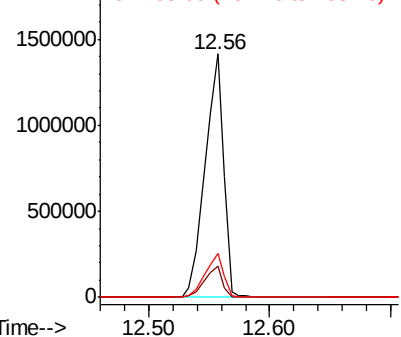
#75
 Fluoranthene
 Concen: 94.102 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1487210
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 32.3
 203 17.8 0.0 37.1

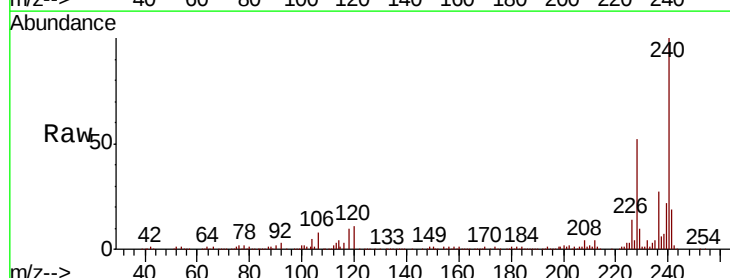


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

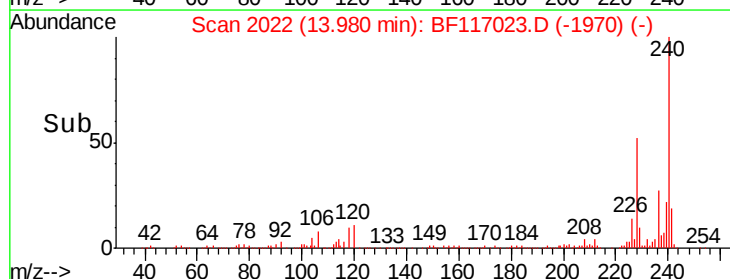
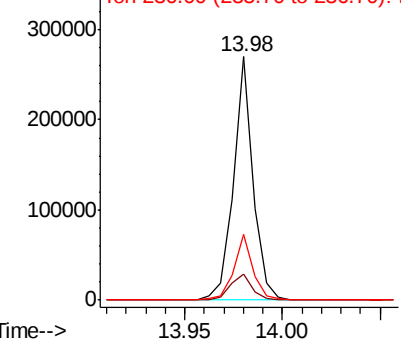


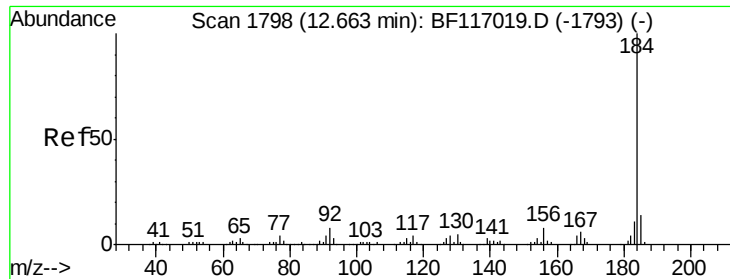
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Tgt Ion:240 Resp: 187521
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.3 12.5
 236 27.1 20.3 30.5



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

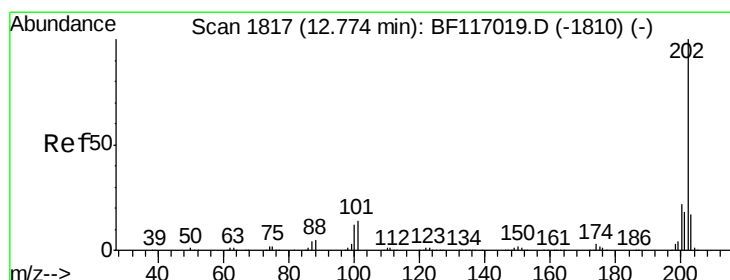
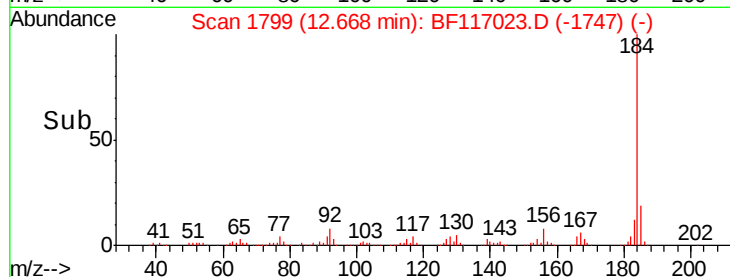
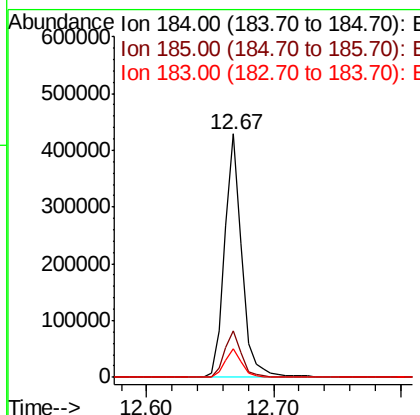
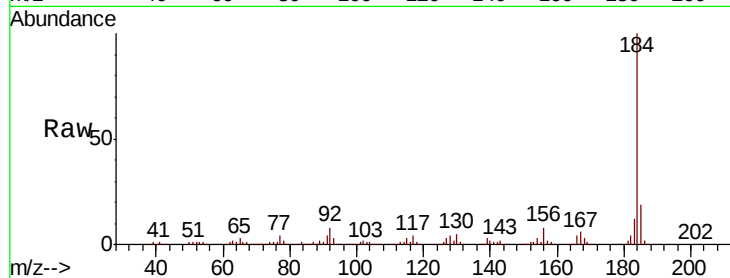




#77
Benzidine
Concen: 55.120 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

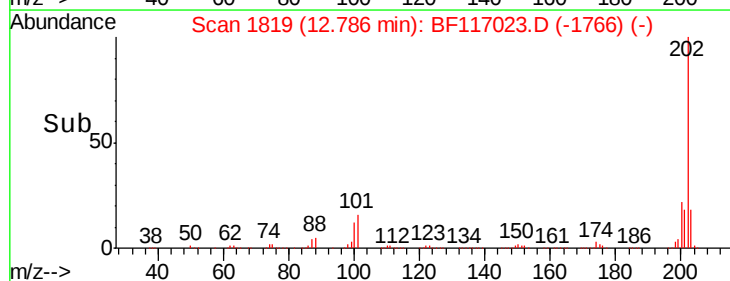
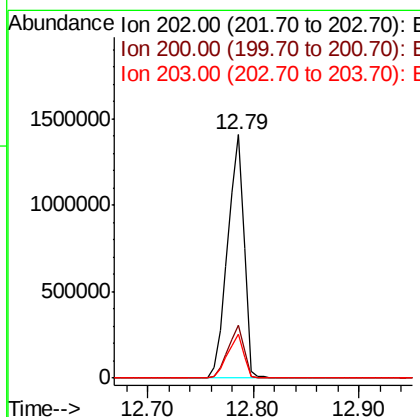
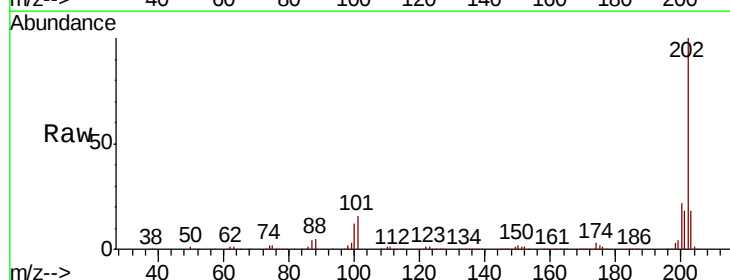
Instrument :
BNA_F
ClientSampleId :

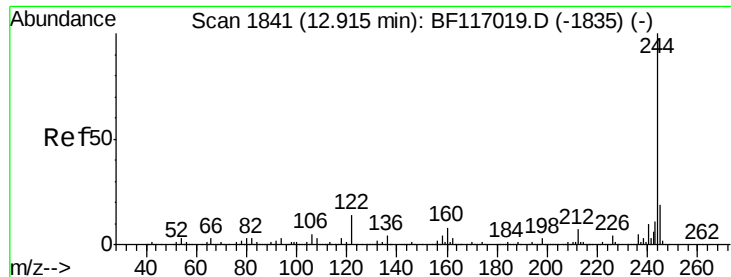
Tot Ion:184 Resp: 405409
Ion Ratio Lower Upper
184 100
185 19.0 11.6 17.4#
183 11.9 9.0 13.4



#78
Pyrene
Concen: 91.138 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:202 Resp: 1519215
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.8 14.0 21.0

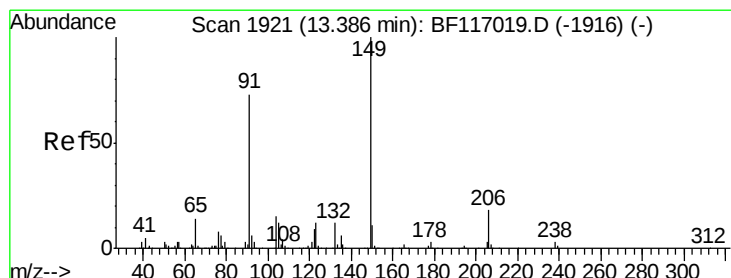
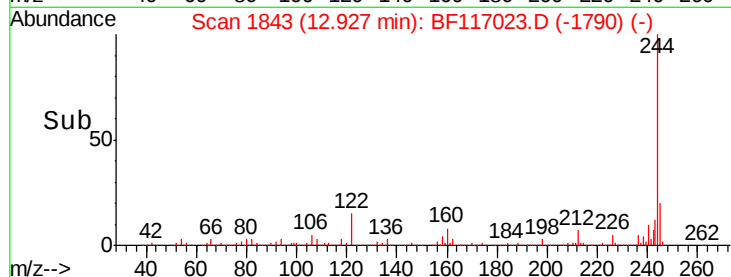
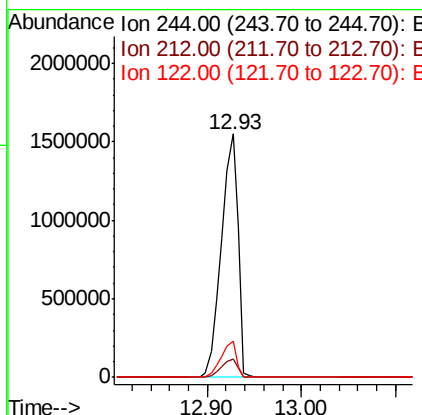
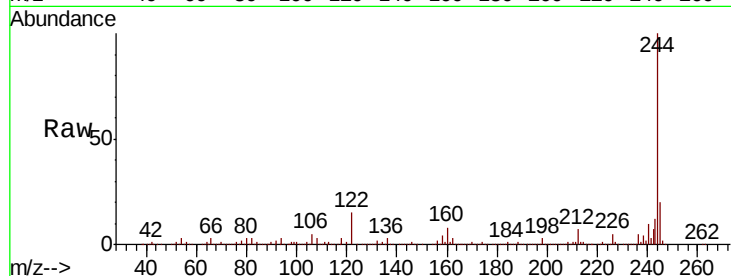




#79
Terphenyl-d14
Concen: 189.141 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

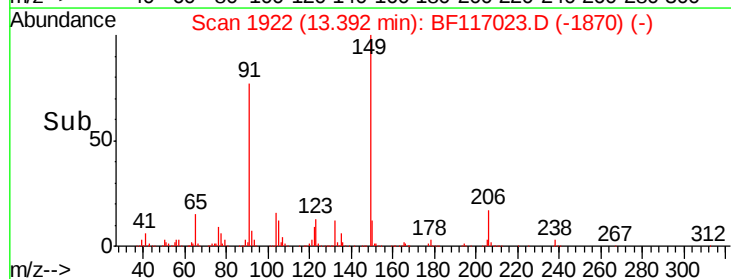
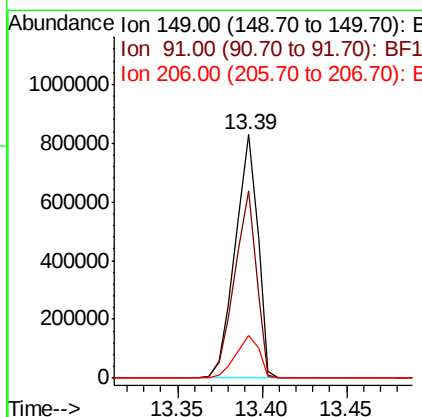
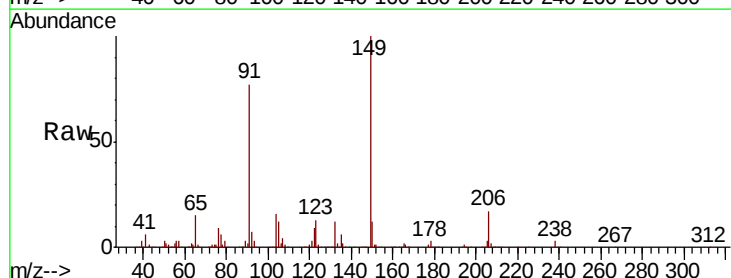
Instrument :
BNA_F
ClientSampleId :

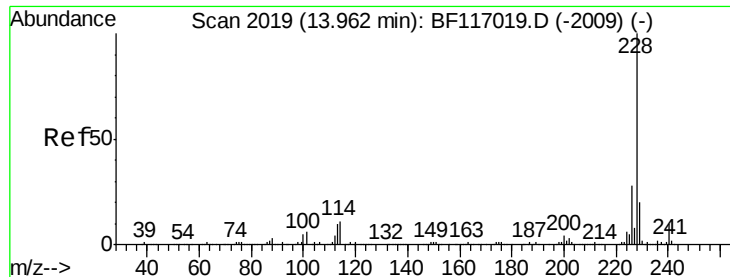
Tot Ion:244 Resp: 1917248
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 14.8 11.3 16.9



#80
Butylbenzylphthalate
Concen: 95.374 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:149 Resp: 773132
Ion Ratio Lower Upper
149 100
91 76.9 58.8 88.2
206 17.4 14.1 21.1

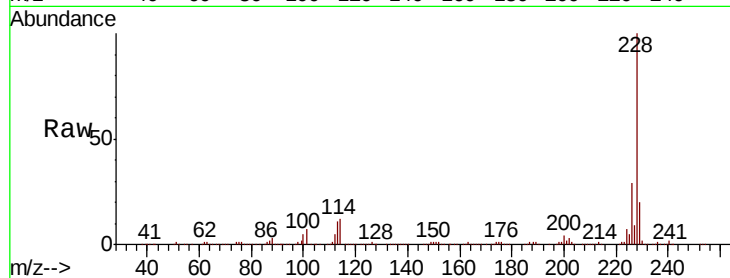




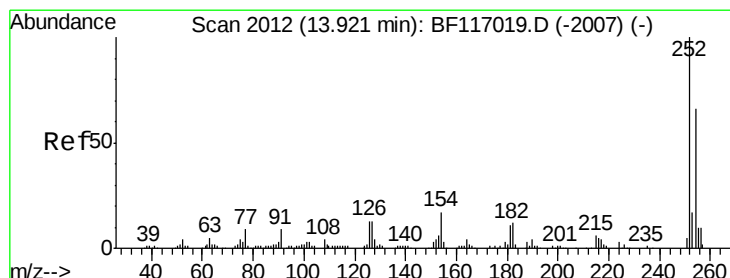
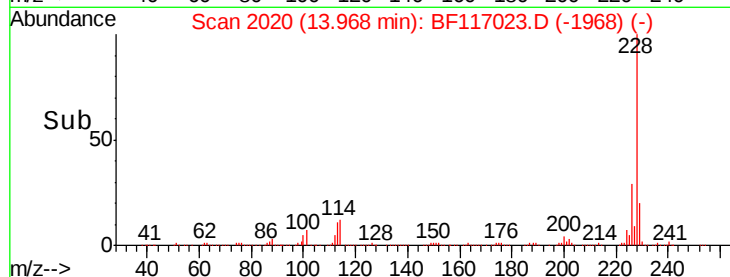
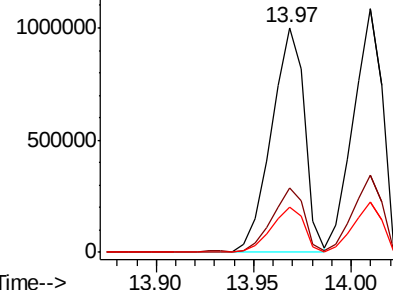
#81
Benzo(a)anthracene
Concen: 98.751 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 1171996
Ion Ratio Lower Upper
228 100
226 28.8 22.3 33.5
229 20.2 15.9 23.9

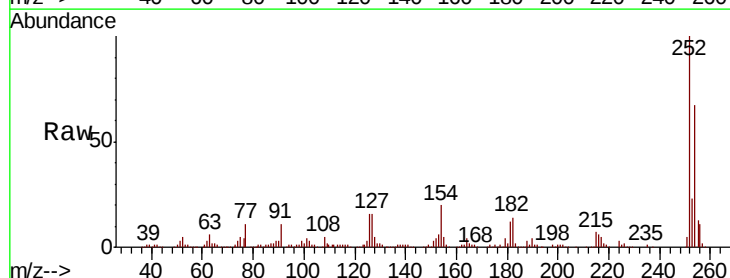


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

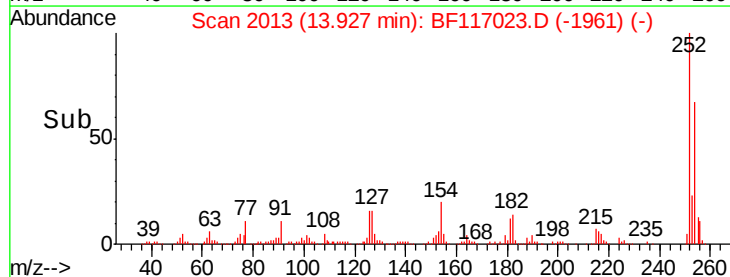
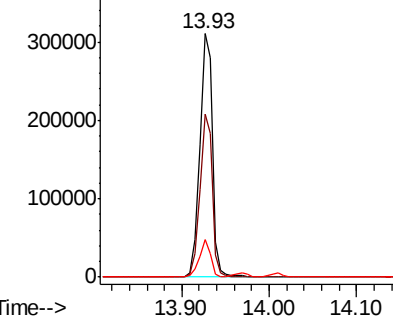


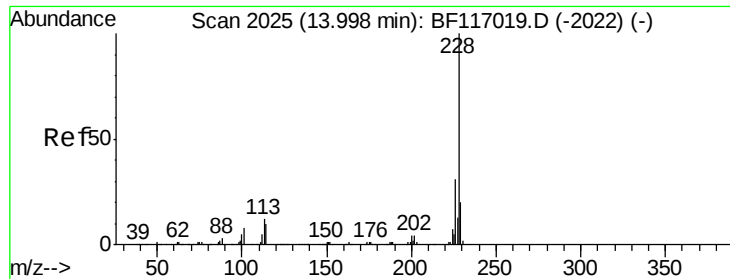
#82
3,3'-Dichlorobenzidine
Concen: 77.813 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:252 Resp: 312090
Ion Ratio Lower Upper
252 100
254 67.0 52.6 79.0
126 15.6 10.4 15.6



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

Chrvsene

Concen: 91.704 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

Instrument :

BNA_F

ClientSampleId :

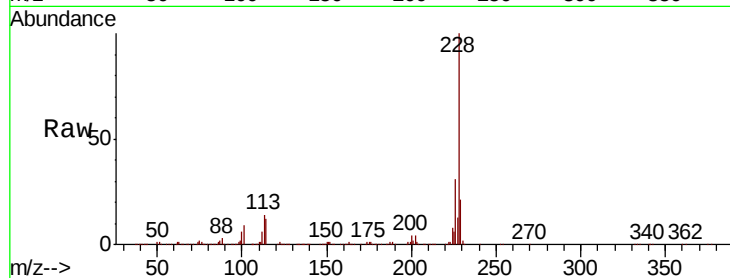
Tot Ion:228 Resp: 1121280

Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

229 20.6 15.8 23.8

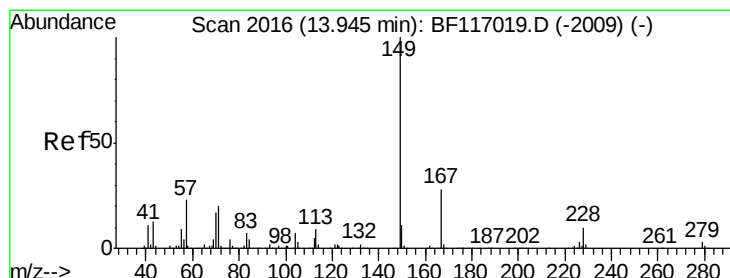
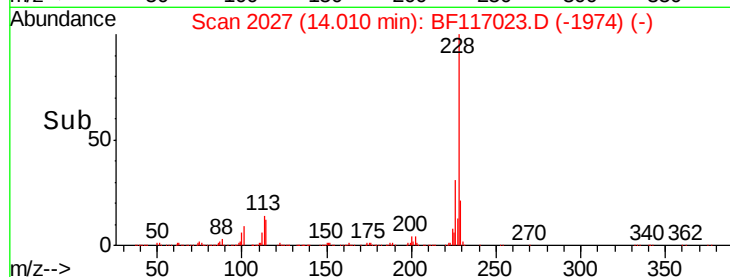
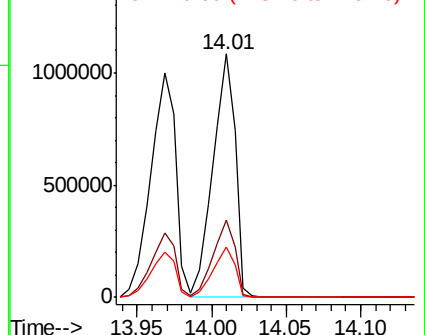


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 101.237 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF117023.D

Acq: 13 Sep 2019 15:08

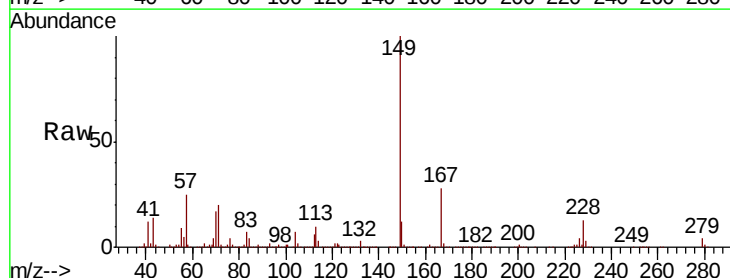
Tgt Ion:149 Resp: 1013035

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

279 3.6 2.8 4.2

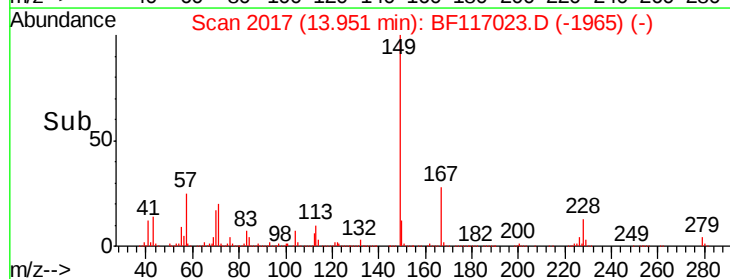
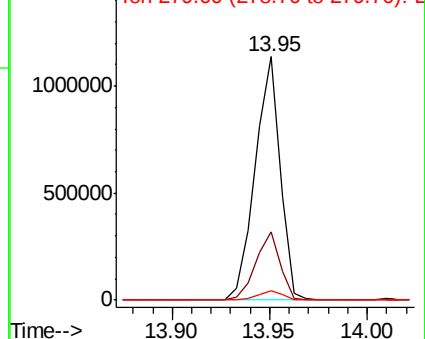


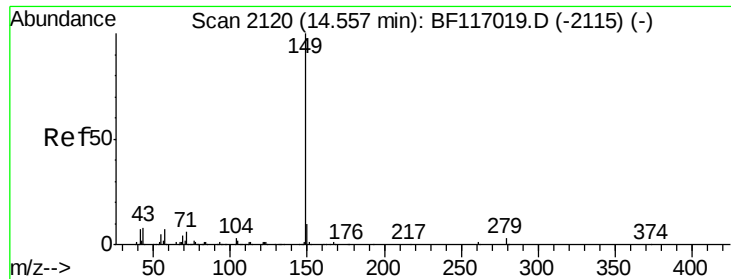
Abundance

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

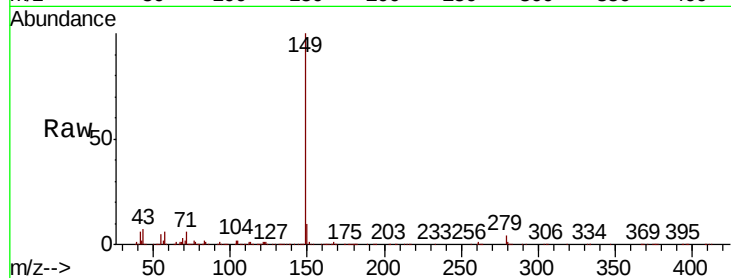




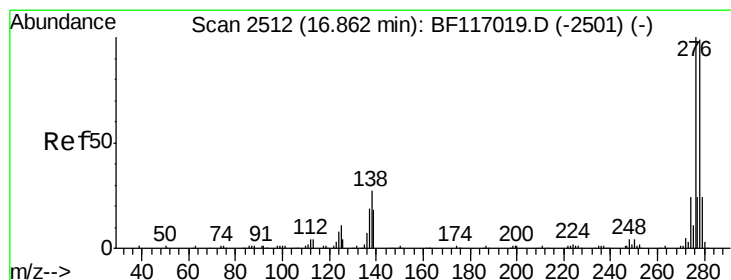
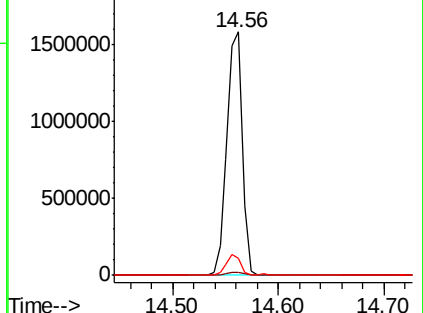
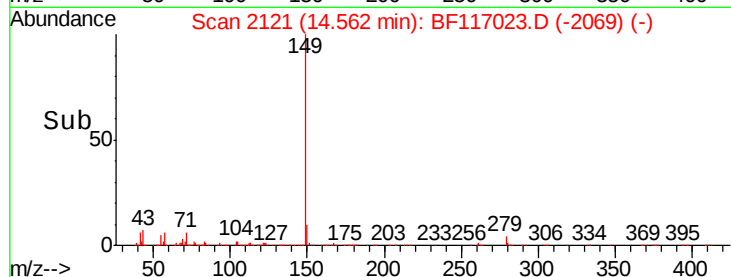
#85
 Di-n-octyl phthalate
 Concen: 97.951 ng
 RT: 14.56 min Scan# 2121
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1603991
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.3 6.2 9.4

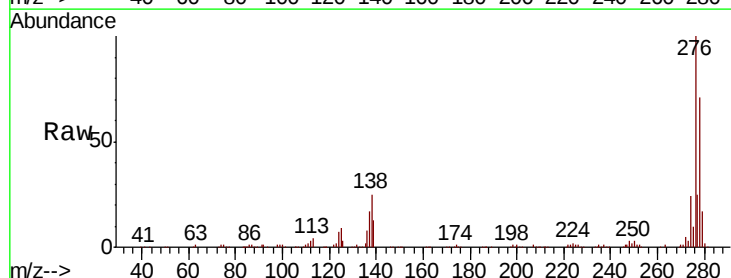


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

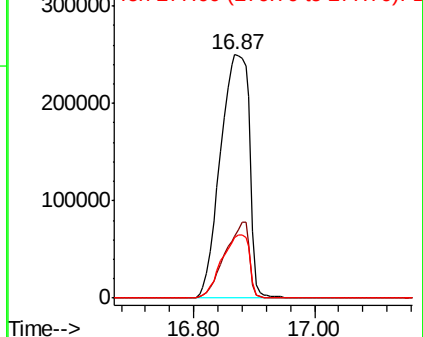
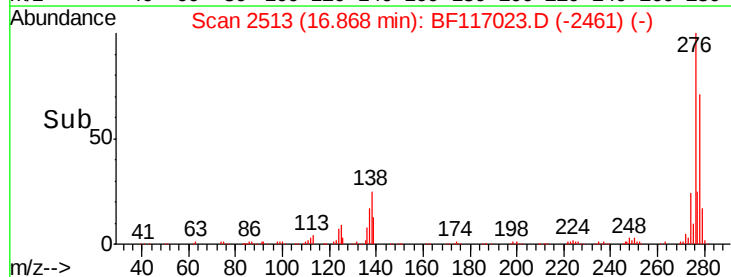


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 85.389 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BF117023.D
 Acq: 13 Sep 2019 15:08

Tgt Ion:276 Resp: 838609
 Ion Ratio Lower Upper
 276 100
 138 26.1 20.7 31.1
 277 24.7 19.8 29.8



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

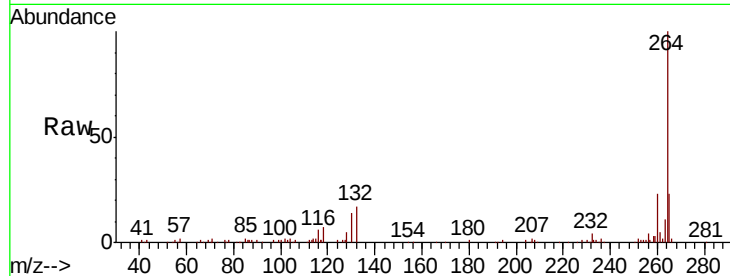




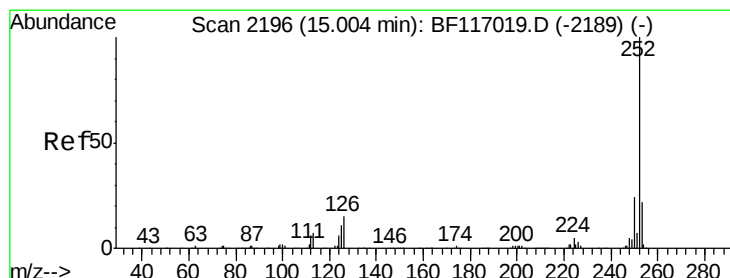
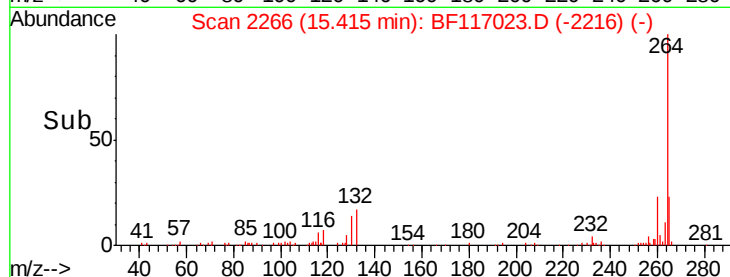
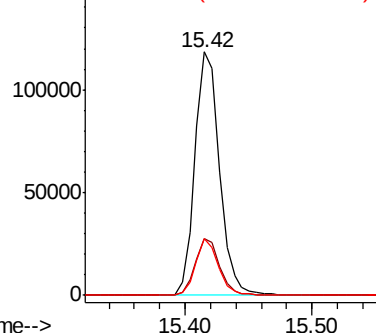
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 159134
Ion Ratio Lower Upper
264 100
260 23.2 17.6 26.4
265 23.1 16.6 24.8

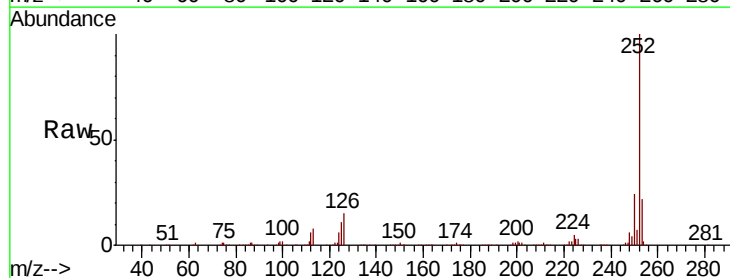


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

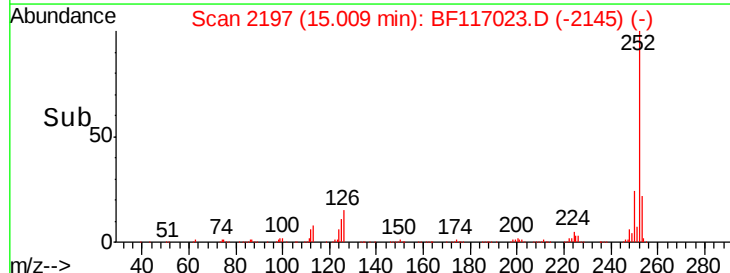
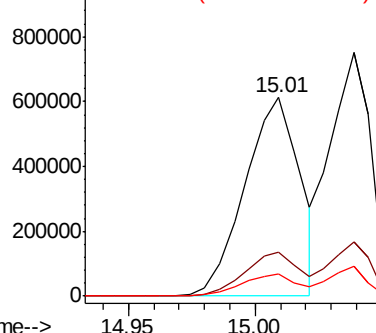


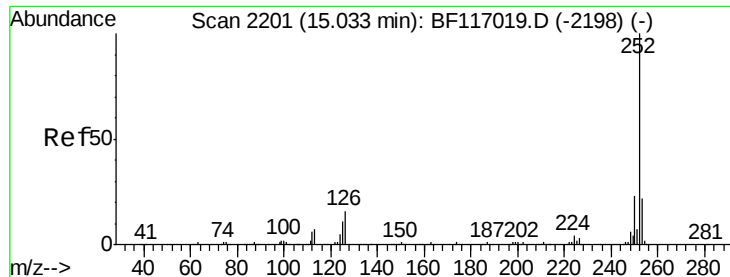
#88
Benzo(b)fluoranthene
Concen: 96.448 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:252 Resp: 927927
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.0 8.6 12.8



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

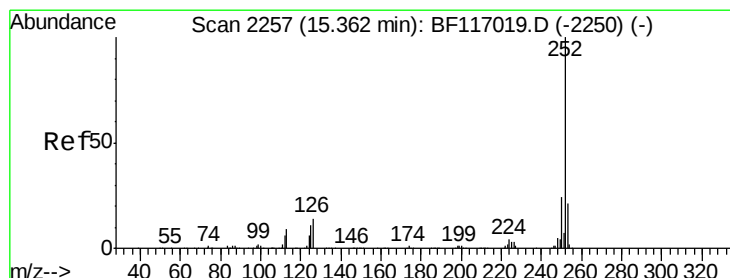
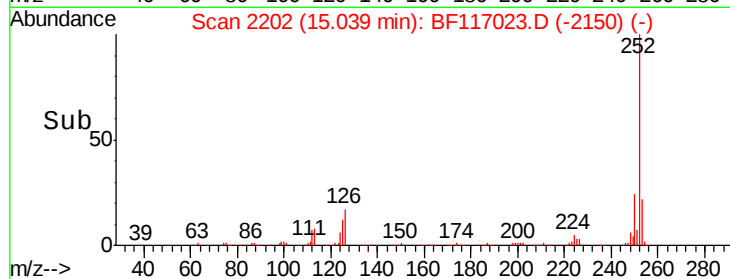
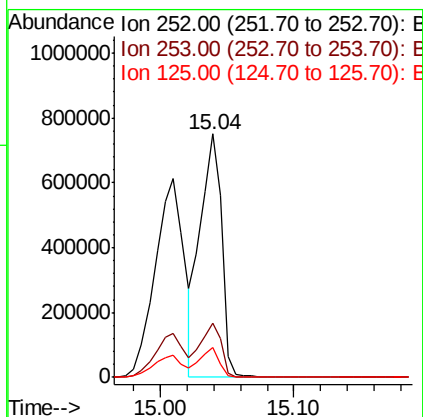
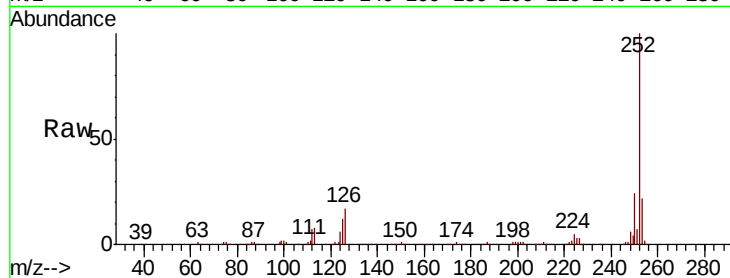




#89
Benzo(k)fluoranthene
Concen: 94.728 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

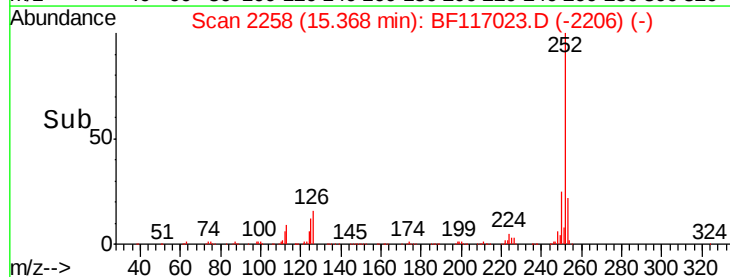
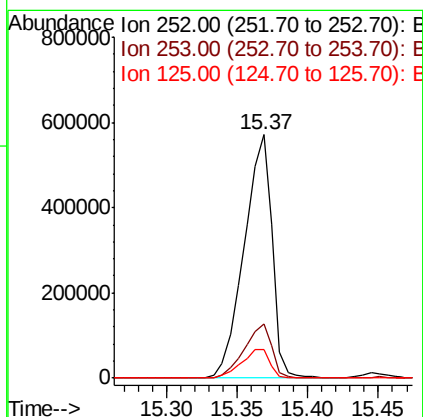
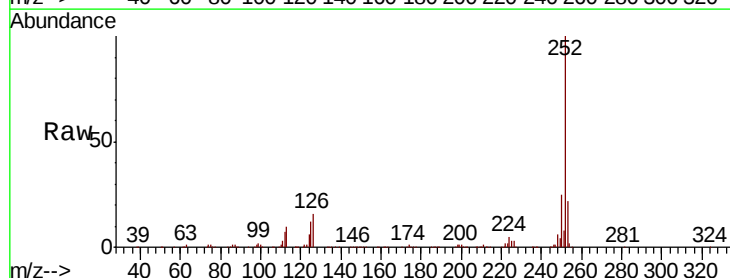
Instrument :
BNA_F
ClientSampled :

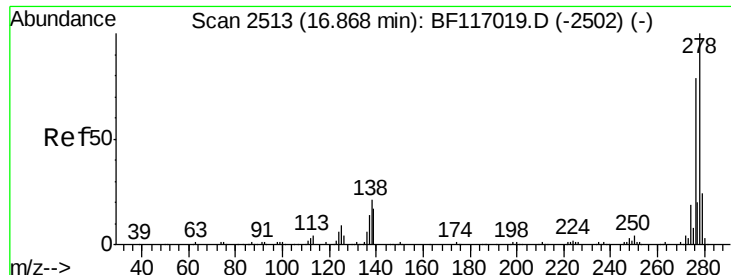
Tot Ion:252 Resp: 830975
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 12.2 8.8 13.2



#90
Benzo(a)pyrene
Concen: 94.776 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion:252 Resp: 793314
Ion Ratio Lower Upper
252 100
253 22.3 16.6 25.0
125 12.0 8.9 13.3

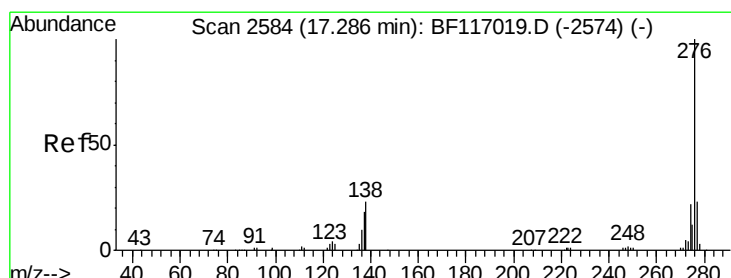
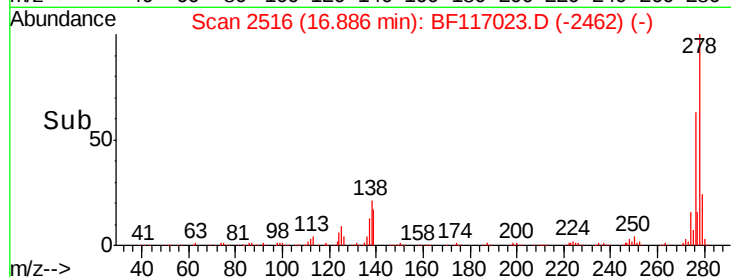
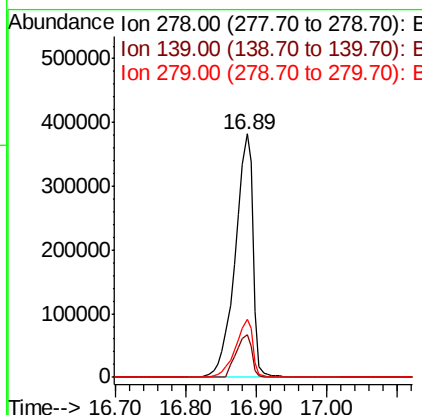
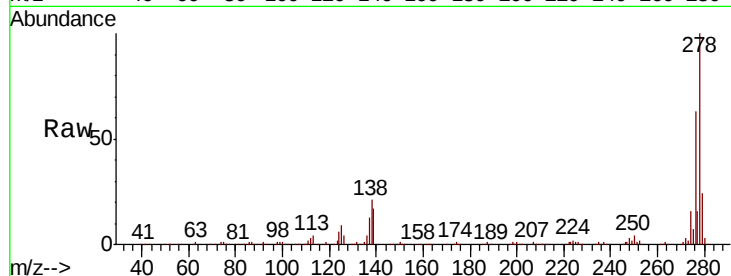




#91
Dibenzo(a,h)anthracene
Concen: 91.629 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.5	20.3
279	23.7	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 91.354 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.02 min
Lab File: BF117023.D
Acq: 13 Sep 2019 15:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	22.2	18.0	27.0

