

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117238.D
 Acq On : 25 Sep 2019 14:02
 Operator : JU
 Sample : K5008-07MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:27:36 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 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	37738	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	154280	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	80441	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	122492	20.00	ng	0.00
76) Chrysene-d12	13.98	240	70001	20.00	ng	0.00
87) Perylene-d12	15.44	264	65907	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	223213	92.34	ng	0.01
7) Phenol-d6	6.46	99	312991	100.19	ng	0.00
23) Nitrobenzene-d5	7.38	82	193023	65.74	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	57152	85.01	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	314875	61.20	ng	0.00
79) Terphenyl-d14	12.92	244	250908	67.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	34428	34.038	ng	# 96
3) Pyridine	3.40	79	80756	29.170	ng	95
4) n-Nitrosodimethylamine	3.35	42	40336	42.456	ng	83
6) Aniline	6.48	93	99003	24.616	ng	# 59
8) 2-Chlorophenol	6.61	128	108262	41.517	ng	95
9) Benzaldehyde	6.36	77	74025	49.719	ng	96
10) Phenol	6.47	94	144535	41.970	ng	91
11) bis(2-Chloroethyl)ether	6.55	93	100760	39.810	ng	98
12) 1,3-Dichlorobenzene	6.76	146	112610	38.484	ng	97
13) 1,4-Dichlorobenzene	6.83	146	114400	38.310	ng	98
14) 1,2-Dichlorobenzene	6.99	146	108913	39.174	ng	98
15) Benzyl Alcohol	6.96	79	99908	41.706	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	94300	37.711	ng	# 42
17) 2-Methylphenol	7.08	107	89980	41.172	ng	# 90
18) Hexachloroethane	7.32	117	44138	38.422	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	79342	41.711	ng	93
20) 3+4-Methylphenols	7.23	107	113330	41.632	ng	# 72
22) Acetophenone	7.23	105	163824	41.794	ng	98
24) Nitrobenzene	7.40	77	118503	40.867	ng	99
25) Isophorone	7.64	82	218470	42.022	ng	99
26) 2-Nitrophenol	7.72	139	54861	44.047	ng	93
27) 2,4-Dimethylphenol	7.76	122	91308	46.228	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	128262	40.043	ng	98
29) 2,4-Dichlorophenol	7.96	162	86188	41.645	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	86603	38.732	ng	99
31) Naphthalene	8.12	128	308330	41.554	ng	99
32) Benzoic acid	7.89	122	30339	24.142	ng	93
33) 4-Chloroaniline	8.17	127	43342	13.170	ng	98
34) Hexachlorobutadiene	8.24	225	51178	40.344	ng	97
35) Caprolactam	8.55	113	18559	26.494	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	100640	41.704	ng	95
37) 2-Methylnaphthalene	8.81	142	212330	42.496	ng	100
38) 1-Methylnaphthalene	8.91	142	195674	41.814	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	85215	41.024	ng	97

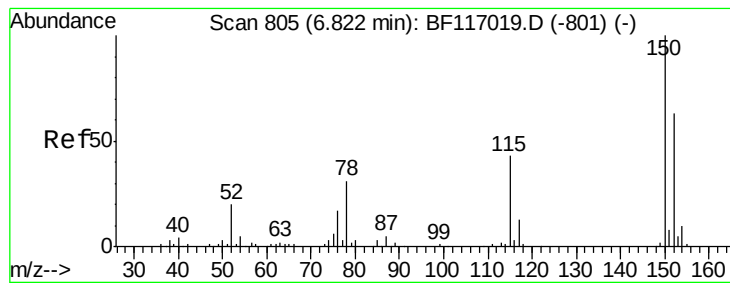
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	56652	63.496	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	56173	39.849	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	60613	40.245	ng	97
46) 1,1'-Biphenyl	9.27	154	252701	40.049	ng	96
47) 2-Chloronaphthalene	9.30	162	194269	39.012	ng	99
48) 2-Nitroaniline	9.40	65	60679	37.989	ng	94
49) Acenaphthylene	9.72	152	307737	41.252	ng	99
50) Dimethylphthalate	9.57	163	269728	47.357	ng	98
51) 2,6-Dinitrotoluene	9.64	165	49689	42.835	ng #	86
52) Acenaphthene	9.89	154	177820	40.211	ng	99
53) 3-Nitroaniline	9.81	138	32073	21.914	ng	94
54) 2,4-Dinitrophenol	9.93	184	17826	40.678	ng	93
55) Dibenzofuran	10.06	168	271834	41.663	ng	99
56) 4-Nitrophenol	9.99	139	51407	54.194	ng	94
57) 2,4-Dinitrotoluene	10.05	165	64572	42.883	ng #	88
58) Fluorene	10.40	166	219679	41.798	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	47826	41.497	ng	97
60) Diethylphthalate	10.27	149	229650	40.983	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	95477	41.987	ng	97
62) 4-Nitroaniline	10.43	138	48774	32.045	ng	89
63) Azobenzene	10.55	77	238896	41.743	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	19426	36.703	ng	88
66) n-Nitrosodiphenylamine	10.51	169	188263	44.503	ng	98
67) 4-Bromophenyl-phenylether	10.88	248	54073	43.226	ng	96
68) Hexachlorobenzene	10.96	284	57312	41.888	ng	99
69) Atrazine	11.04	200	48733	46.798	ng	98
70) Pentachlorophenol	11.15	266	47018	73.311	ng	98
71) Phenanthrene	11.36	178	291846	41.947	ng	99
72) Anthracene	11.42	178	299466	42.160	ng	99
73) Carbazole	11.57	167	252700	37.480	ng	99
74) Di-n-butylphthalate	11.89	149	349827	43.609	ng	98
75) Fluoranthene	12.55	202	271642	37.998	ng	99
77) Benzidine	12.67	184	60866	26.993	ng	99
78) Pyrene	12.78	202	263385	44.842	ng	99
80) Butylbenzylphthalate	13.39	149	117429	42.311	ng	97
81) Benzo(a)anthracene	13.97	228	184201	39.386	ng	97
82) 3,3'-Dichlorobenzidine	13.93	252	43037	28.556	ng	95
83) Chrysene	14.01	228	178719	39.180	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	169176	47.276	ng	99
85) Di-n-octyl phthalate	14.57	149	263022	46.699	ng	100
86) Indeno(1,2,3-cd)pyrene	16.91	276	162581	48.855	ng	98
88) Benzo(b)fluoranthene	15.03	252	151556	37.963	ng	98
89) Benzo(k)fluoranthene	15.06	252	153777	40.663	ng	96
90) Benzo(a)pyrene	15.39	252	147457	42.092	ng	97
91) Dibenzo(a,h)anthracene	16.92	278	136870	49.043	ng	98
92) Benzo(g,h,i)perylene	17.34	276	127789	45.951	ng	97

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

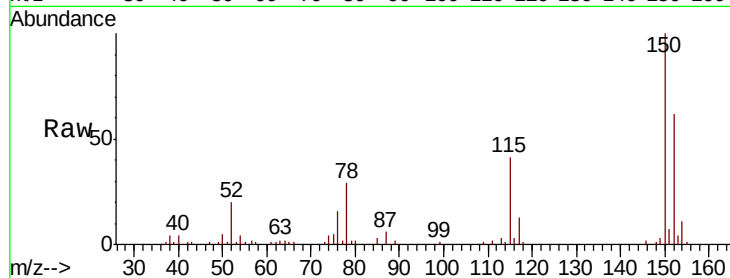


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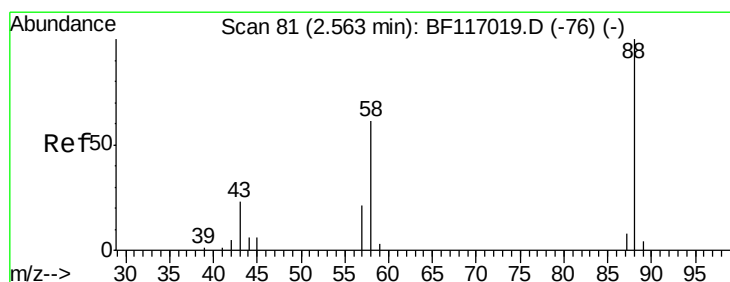
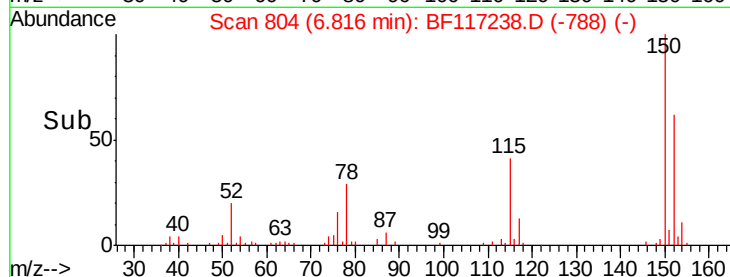
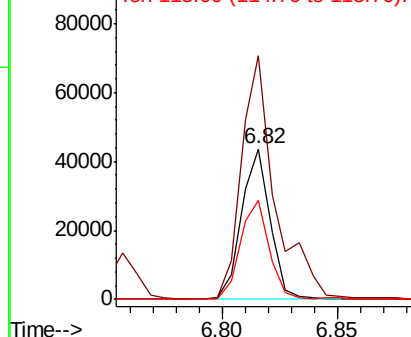
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 37738
Ion Ratio Lower Upper
152 100
150 161.6 127.5 191.3
115 66.0 55.0 82.4



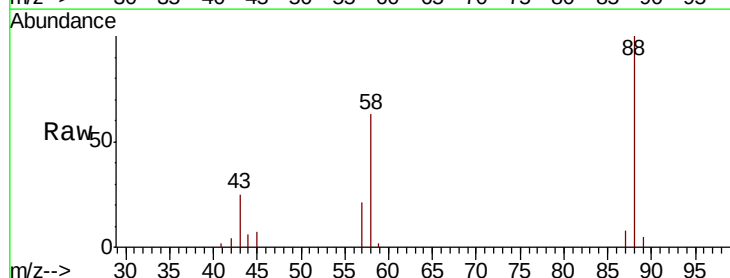
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



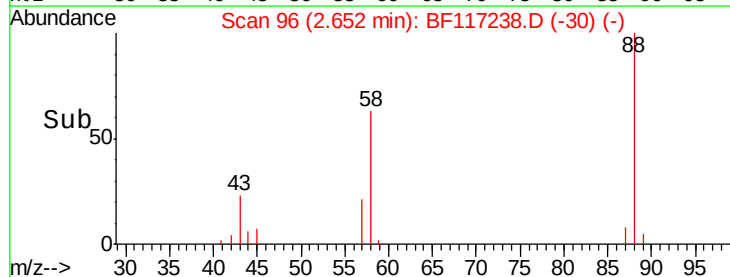
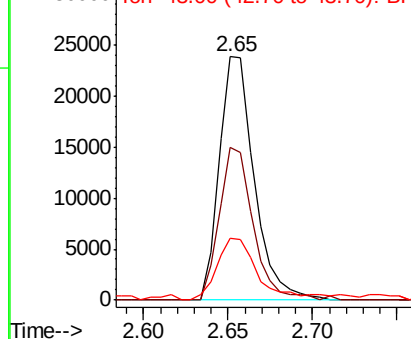
#2

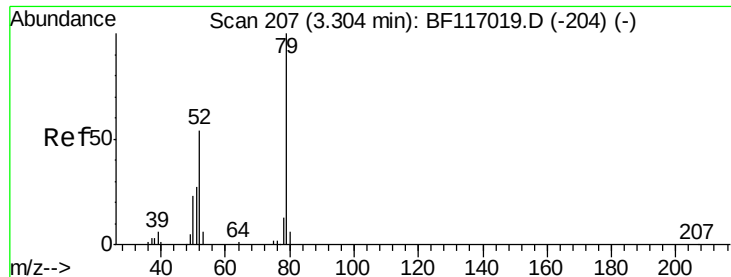
1,4-Dioxane
Concen: 34.038 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion: 88 Resp: 34428
Ion Ratio Lower Upper
88 100
58 61.0 49.3 73.9
43 30.3 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: 29.170 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.10 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

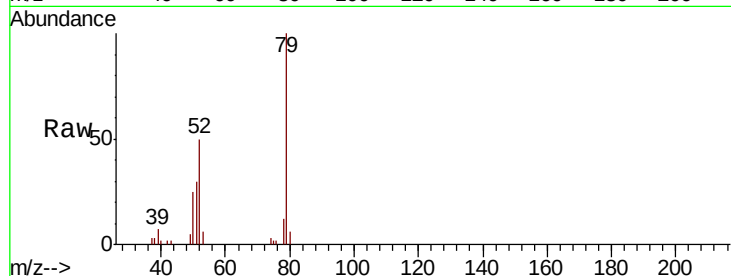
Tot Ion: 79 Resp: 80756

Ion Ratio Lower Upper

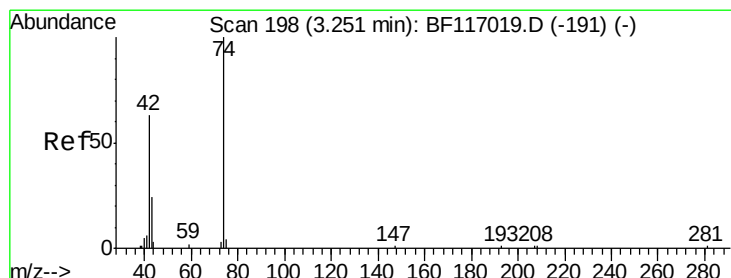
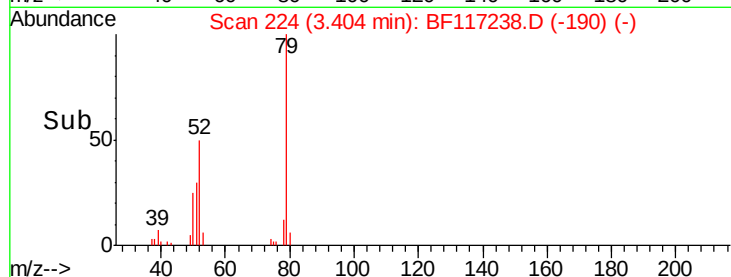
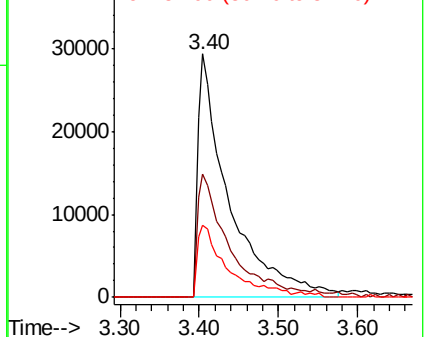
79 100

52 50.5 43.5 65.3

51 29.6 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: 42.456 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

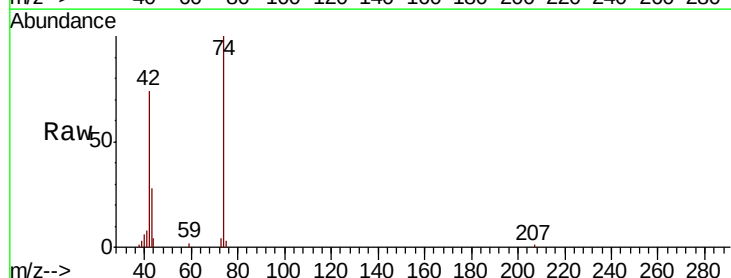
Tgt Ion: 42 Resp: 40336

Ion Ratio Lower Upper

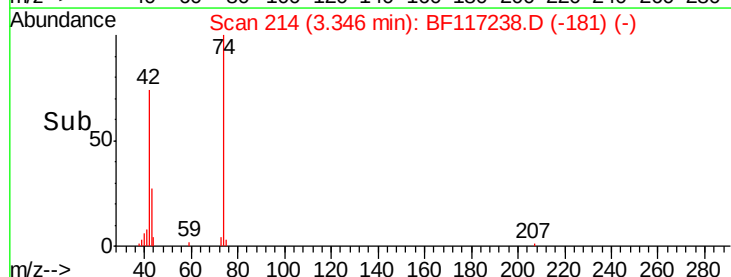
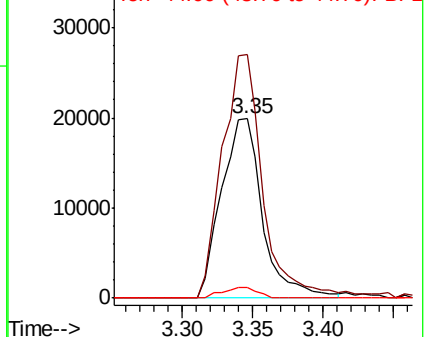
42 100

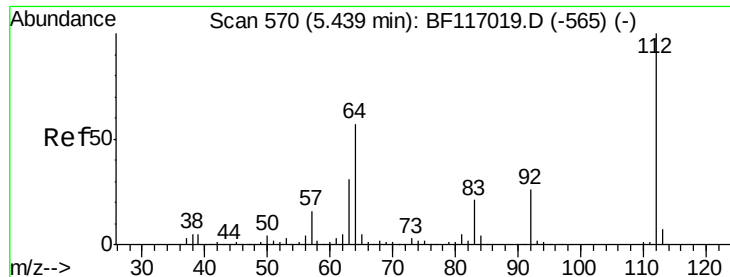
74 135.8 127.1 190.7

44 6.1 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: 92.345 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117238.D

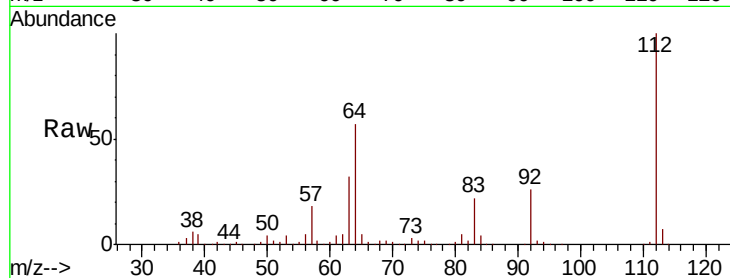
Acq: 25 Sep 2019 14:02

Instrument :

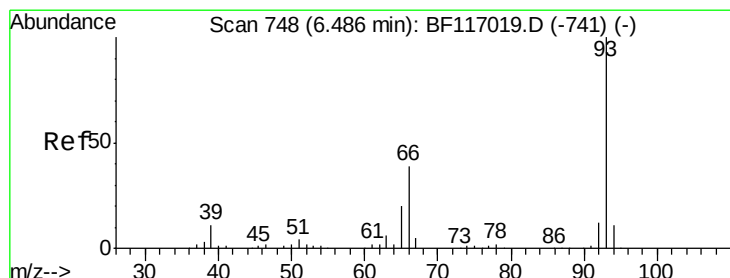
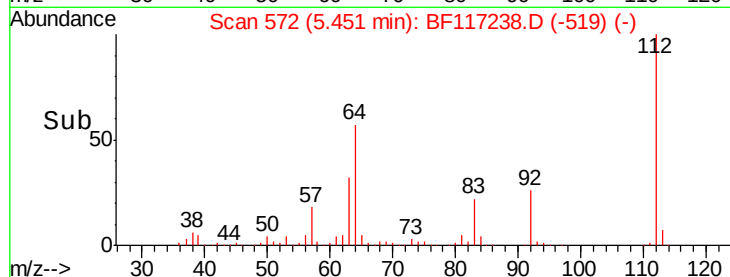
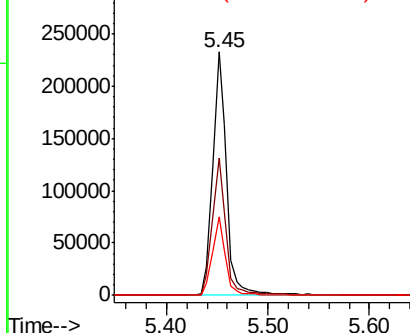
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	223213
Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.7	68.5
63	32.0	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: 24.616 ng

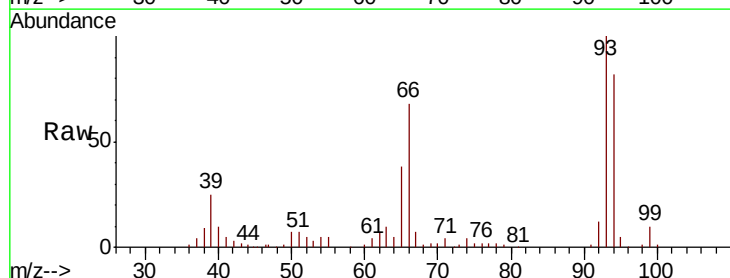
RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

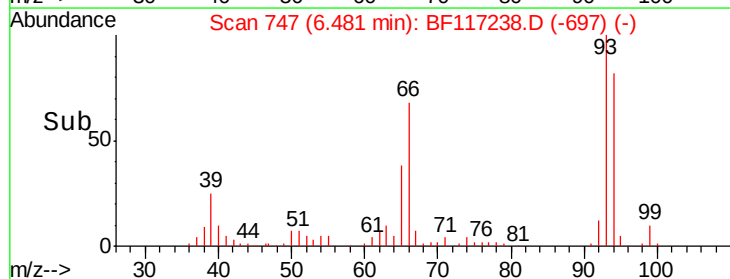
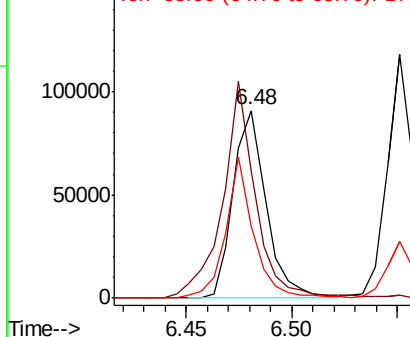
Lab File: BF117238.D

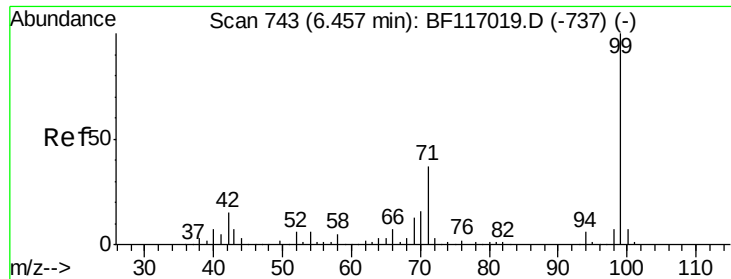
Acq: 25 Sep 2019 14:02

Tgt Ion:	93	Resp:	99003
Ion	Ratio	Lower	Upper
93	100		
66	67.7	32.6	49.0#
65	38.1	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: 100.194 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

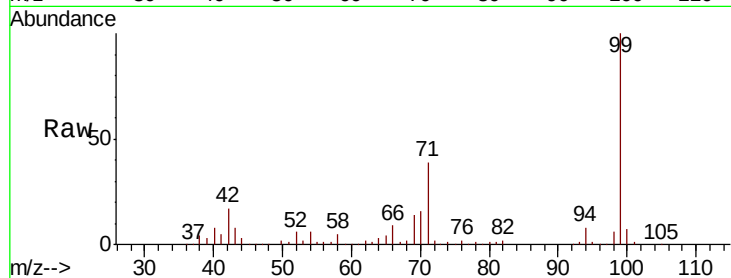
Tot Ion: 99 Resp: 312991

Ion Ratio Lower Upper

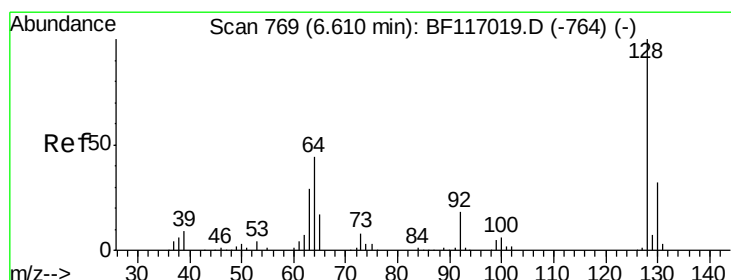
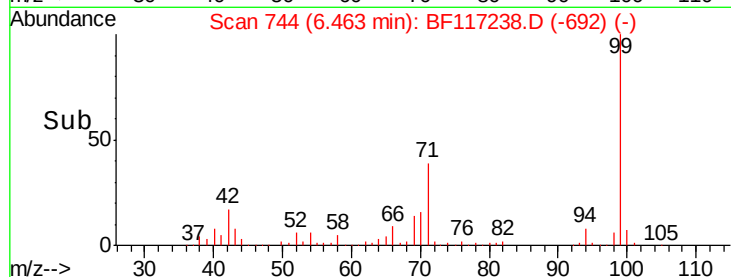
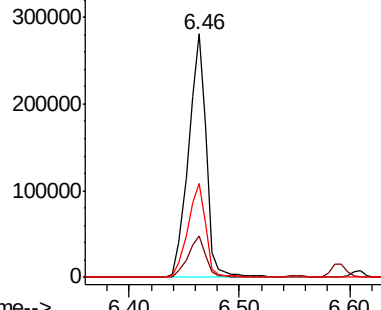
99 100

42 16.9 12.2 18.2

71 38.6 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: 41.517 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

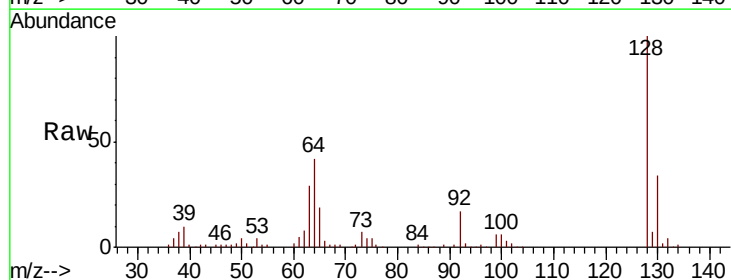
Tgt Ion: 128 Resp: 108262

Ion Ratio Lower Upper

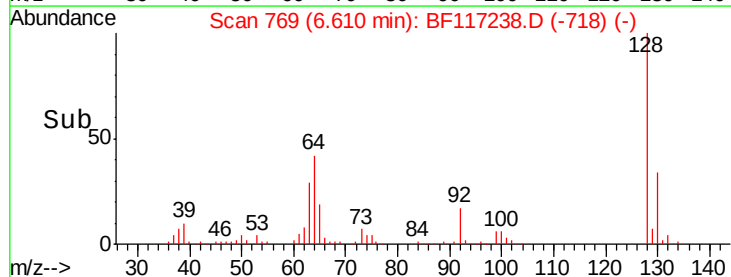
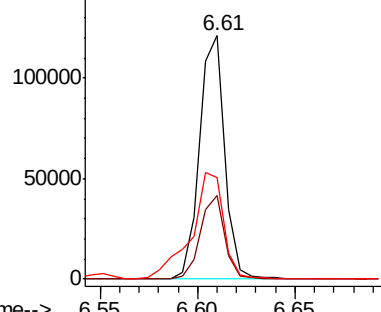
128 100

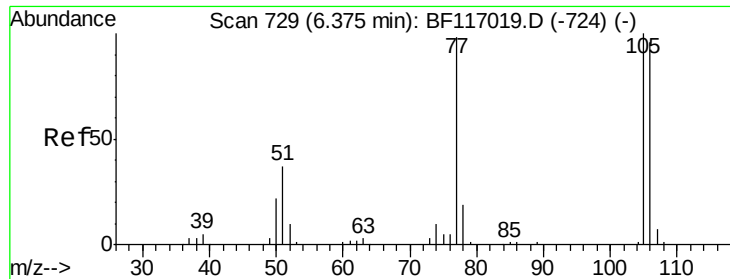
130 34.4 11.8 51.8

64 41.6 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

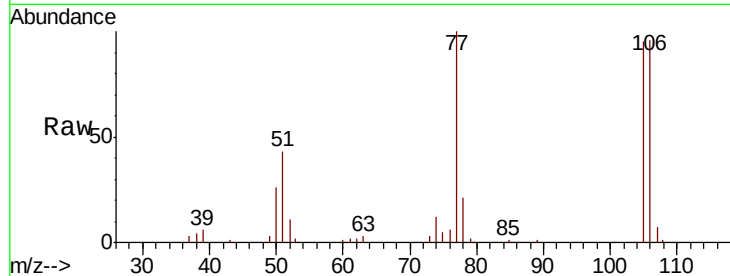




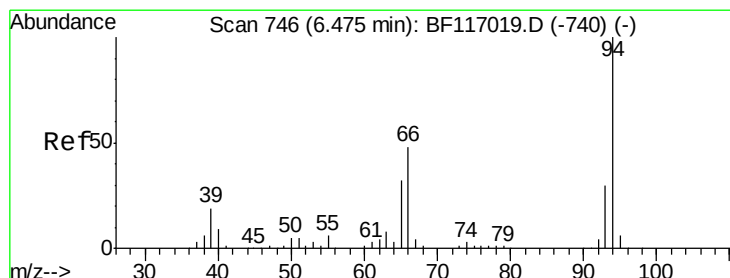
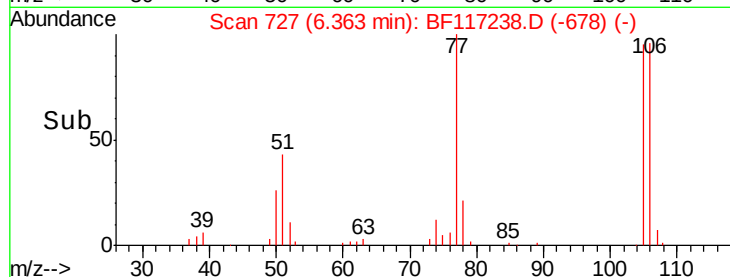
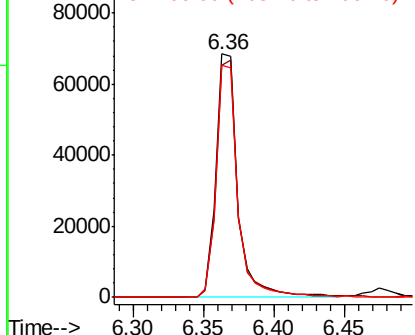
#9
Benzaldehyde
Concen: 49.719 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 74025
Ion Ratio Lower Upper
77 100
105 95.4 81.8 121.8
106 95.6 77.3 117.3

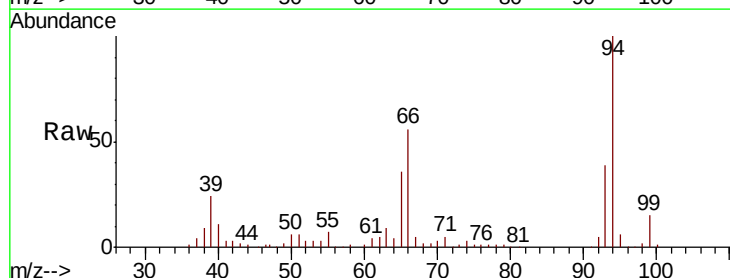


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

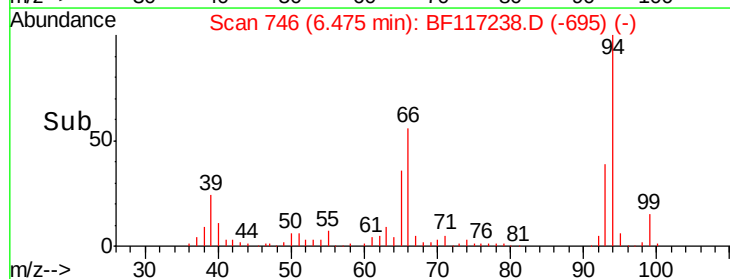
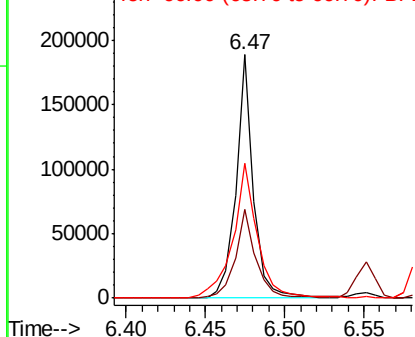


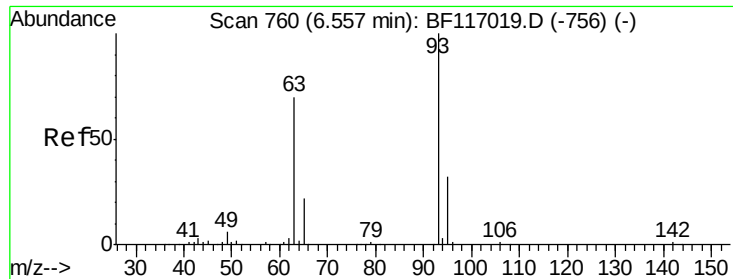
#10
Phenol
Concen: 41.970 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion: 94 Resp: 144535
Ion Ratio Lower Upper
94 100
65 36.3 12.5 52.5
66 55.6 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

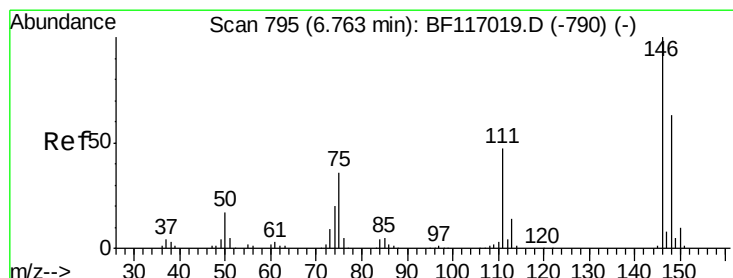
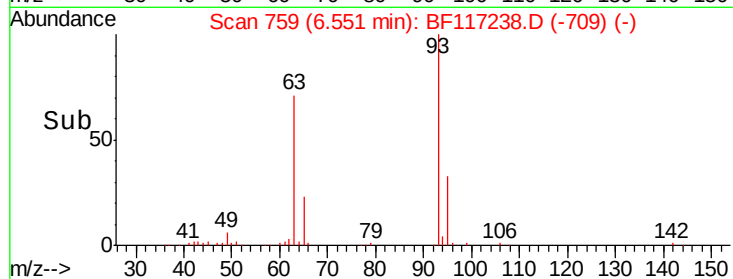
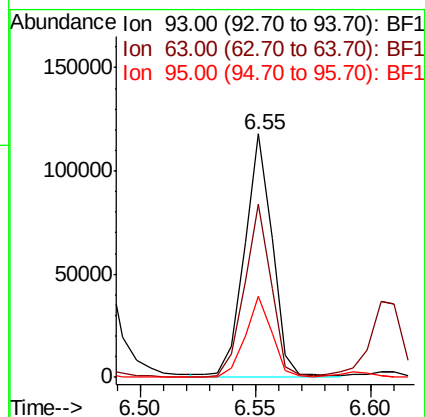
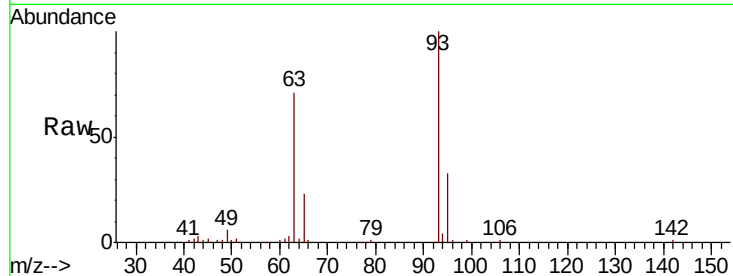




#11
 bis(2-Chloroethyl)ether
 Concen: 39.810 ng
 RT: 6.55 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

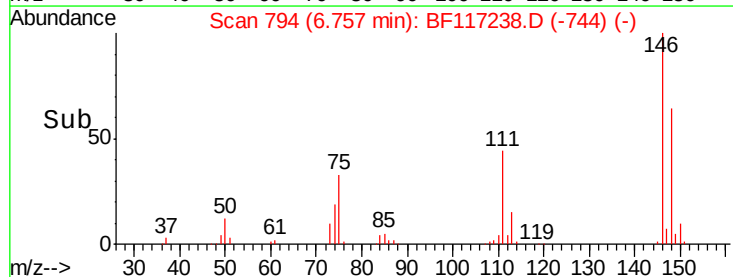
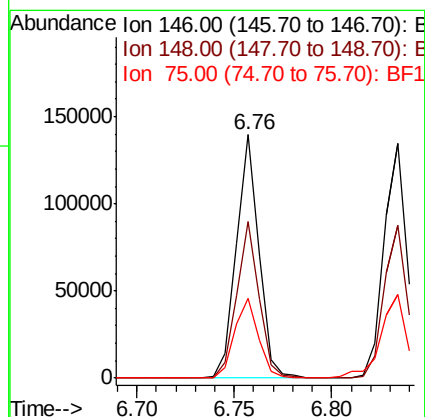
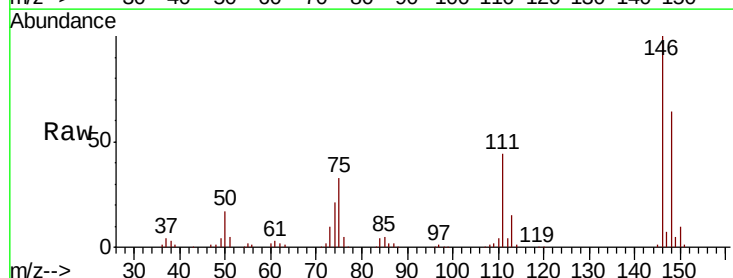
Instrument :
 BNA_F
 ClientSampleId :

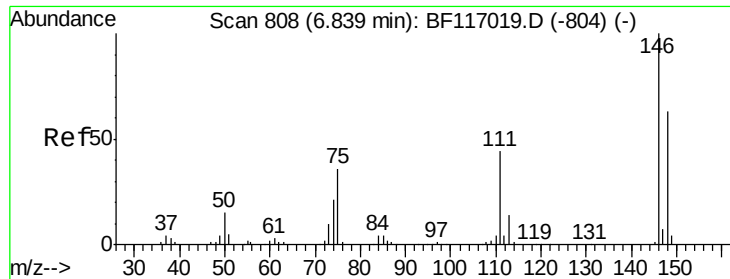
Tot Ion	93	Resp	100760
Ion	Ratio	Lower	Upper
93	100		
63	71.0	49.3	89.3
95	33.2	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 38.484 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	146	Resp	112610
Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
75	33.0	28.7	43.1

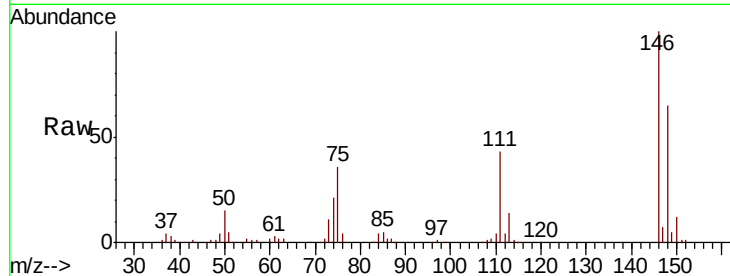




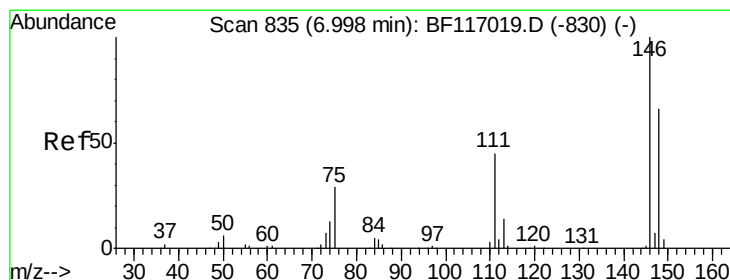
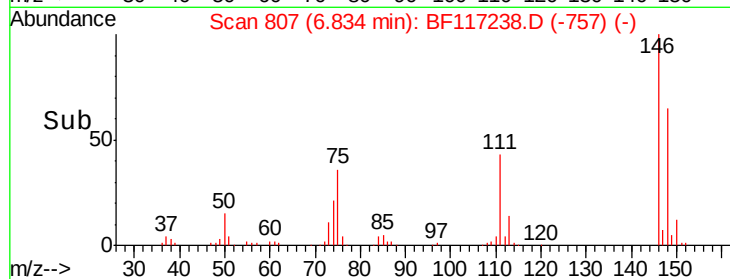
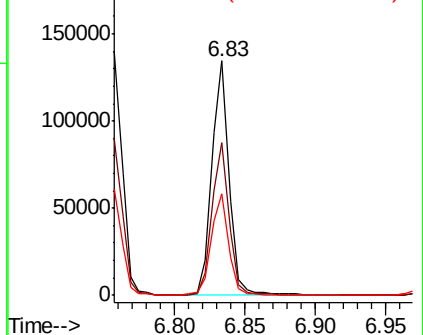
#13
 1,4-Dichlorobenzene
 Concen: 38.310 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	43.4	35.0	52.6

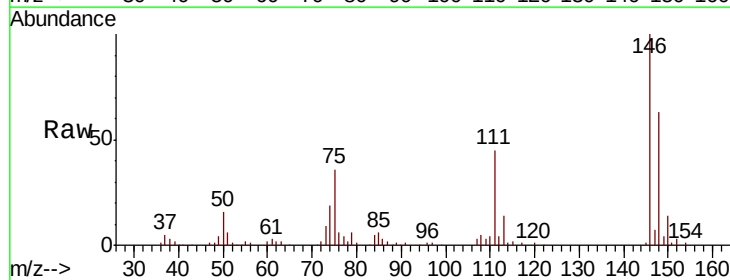


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

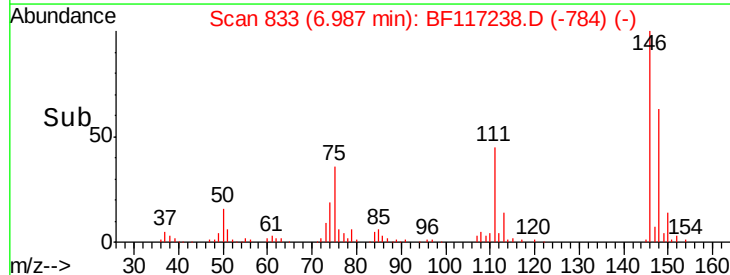
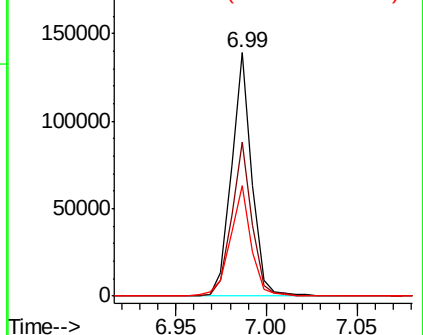


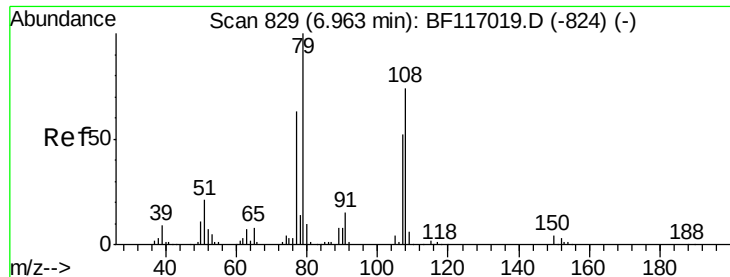
#14
 1,2-Dichlorobenzene
 Concen: 39.174 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	78.8
111	45.4	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: 41.706 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

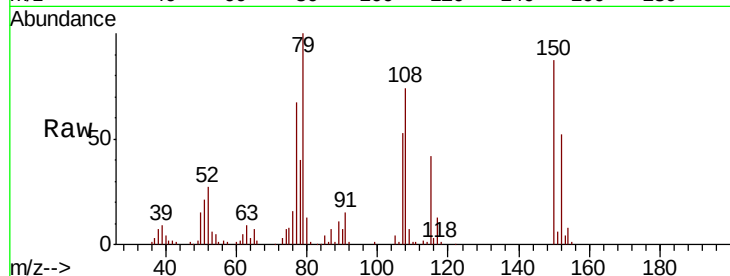
Tot Ion: 79 Resp: 99908

Ion Ratio Lower Upper

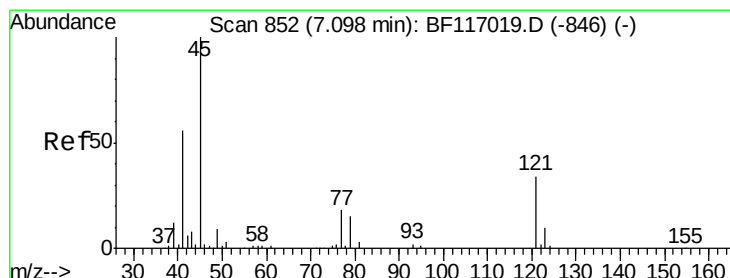
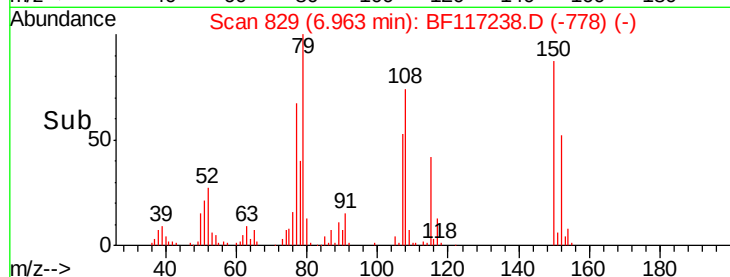
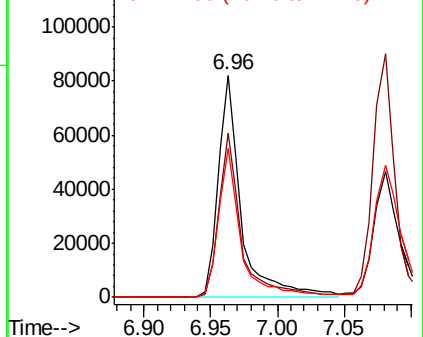
79 100

108 73.9 59.4 89.0

77 66.9 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: 37.711 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

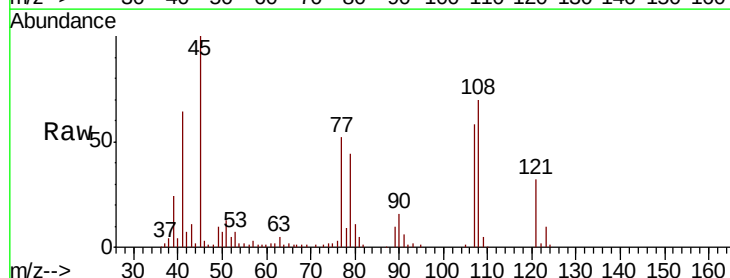
Tgt Ion: 45 Resp: 94300

Ion Ratio Lower Upper

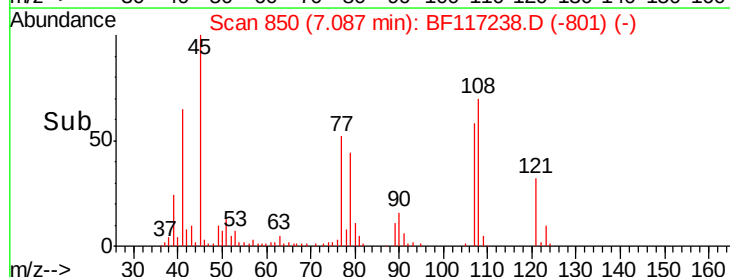
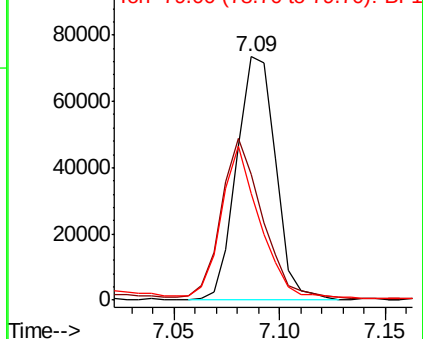
45 100

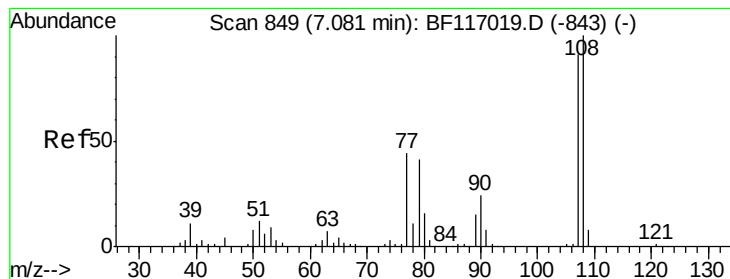
77 51.7 2.7 42.7#

79 43.7 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

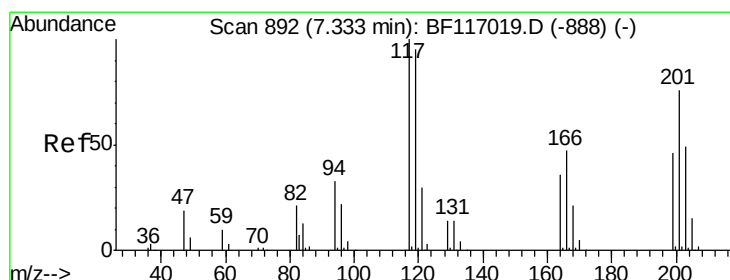
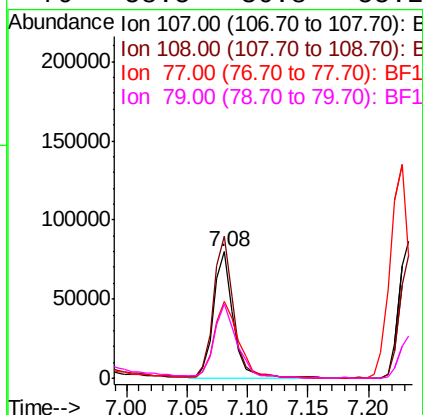
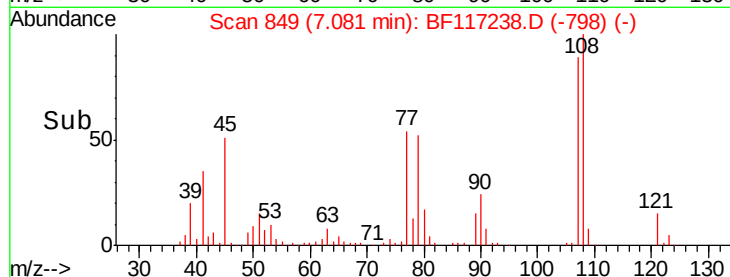
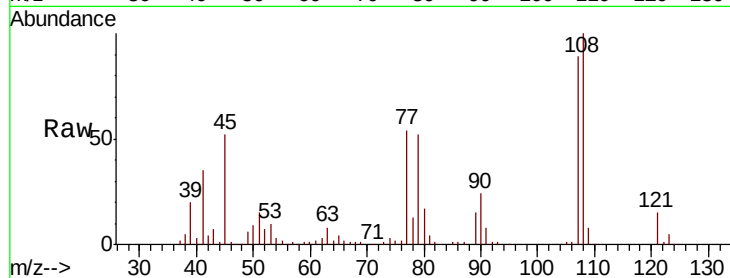




#17
2-Methylphenol
Concen: 41.172 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

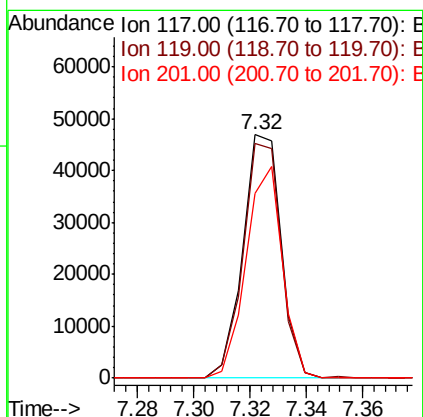
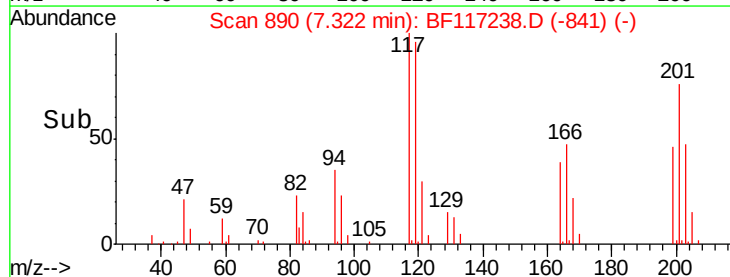
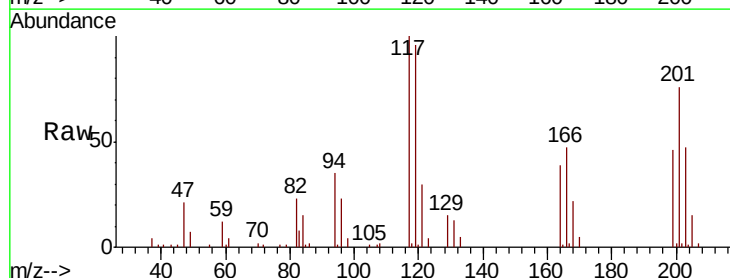
Instrument :
BNA_F
ClientSampleId :

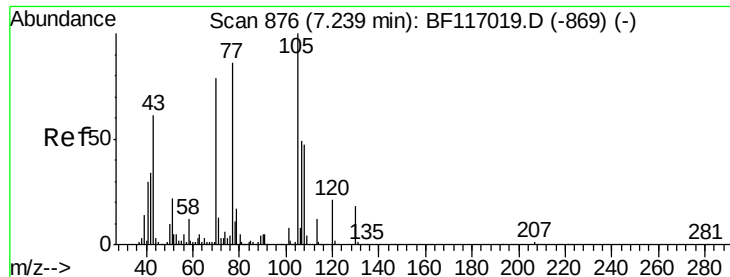
Tot Ion:107 Resp: 89980
Ion Ratio Lower Upper
107 100
108 112.8 87.7 131.5
77 61.1 38.6 58.0#
79 58.5 36.8 55.2#



#18
Hexachloroethane
Concen: 38.422 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion:117 Resp: 44138
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
201 75.8 60.9 91.3

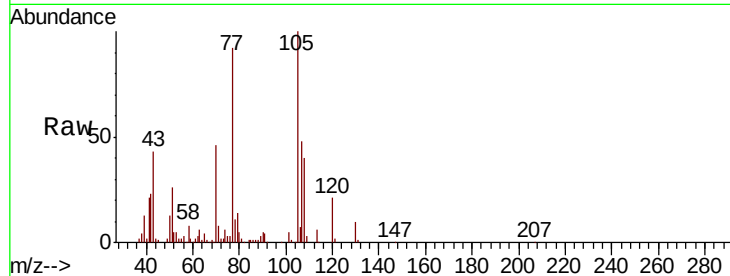




#19
n-Nitroso-di-n-propylamine
Concen: 41.711 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	79342
Ion	Ratio	Lower	Upper
70	100		
42	49.9	34.0	51.0
101	10.1	7.8	11.6
130	21.8	17.8	26.8



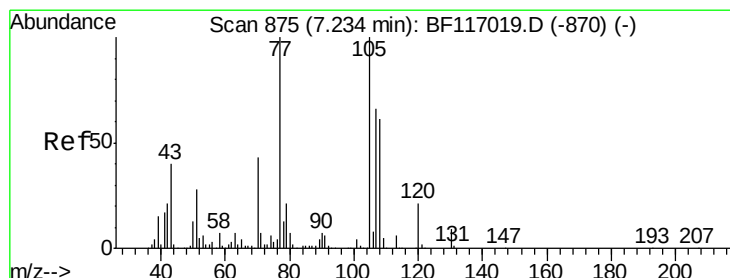
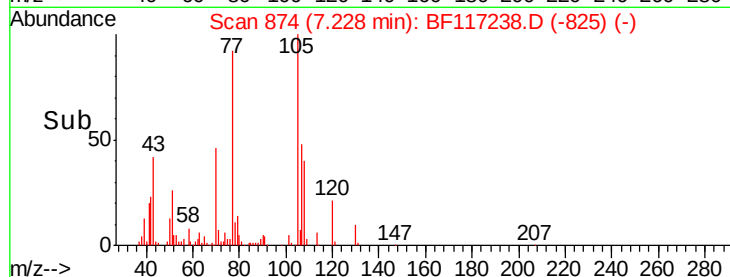
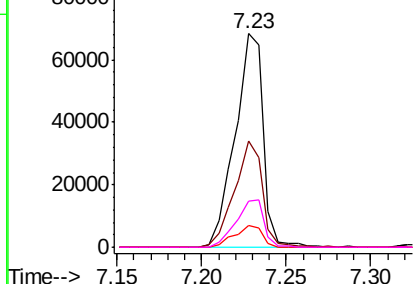
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

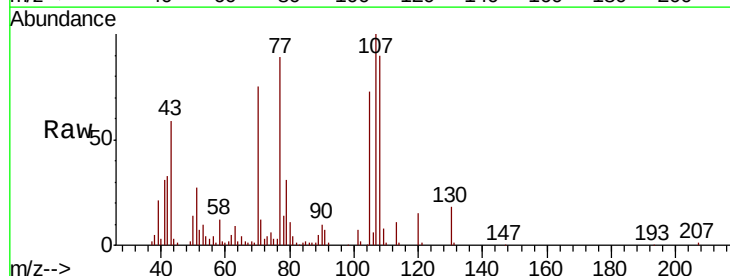
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 41.632 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion:	107	Resp:	113330
Ion	Ratio	Lower	Upper
107	100		
108	90.2	72.6	112.6
77	89.2	132.1	172.1#
79	31.2	12.1	52.1



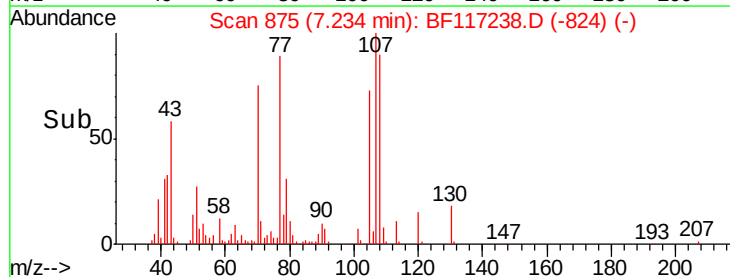
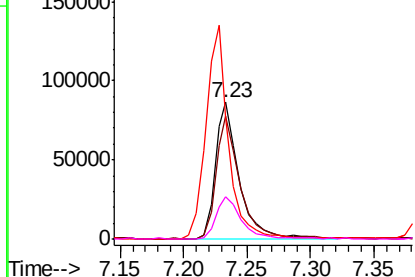
Abundance

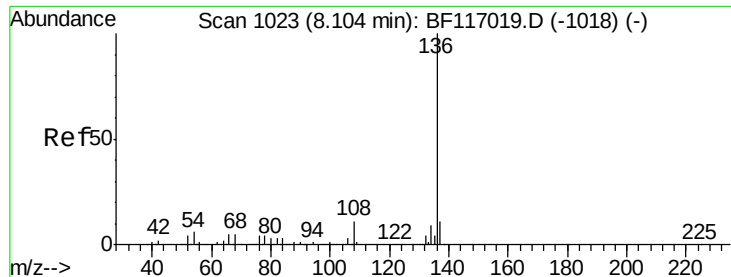
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

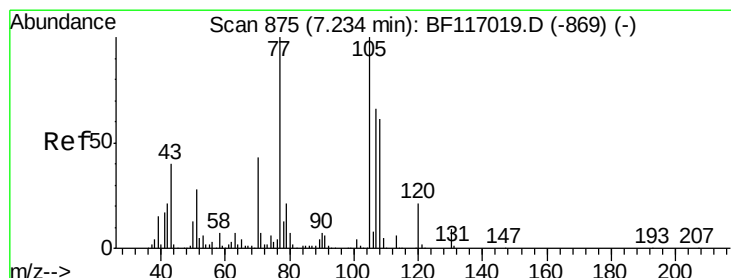
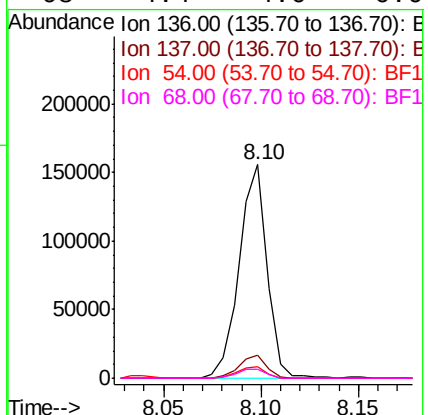
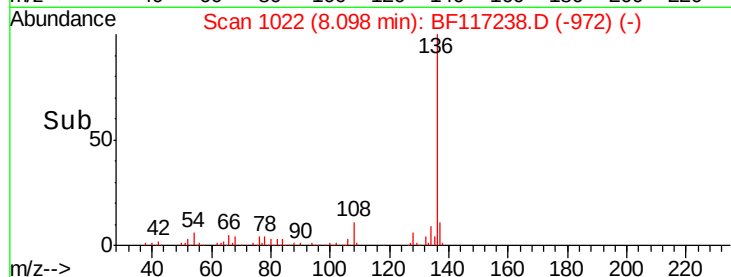
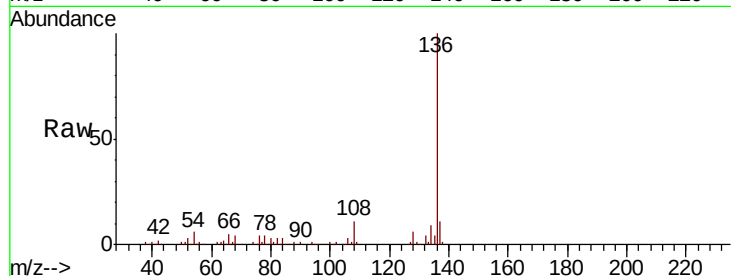




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

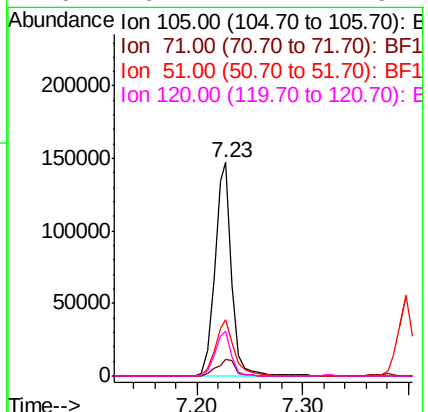
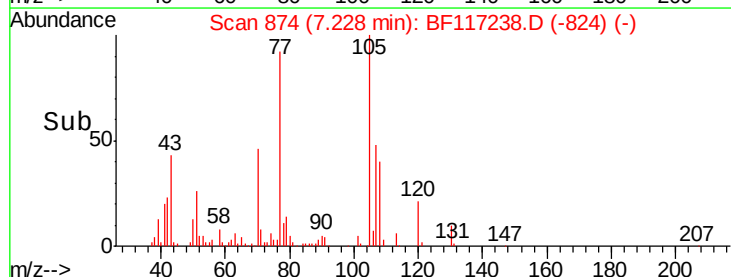
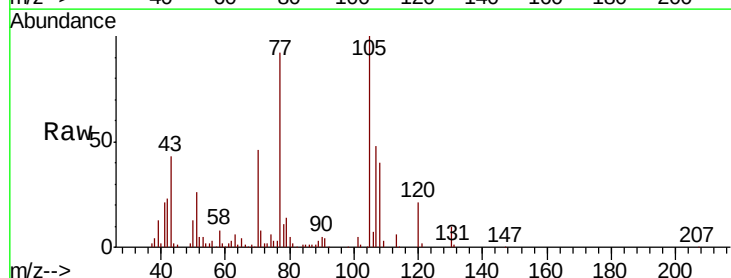
Instrument :
BNA_F
ClientSampleId :

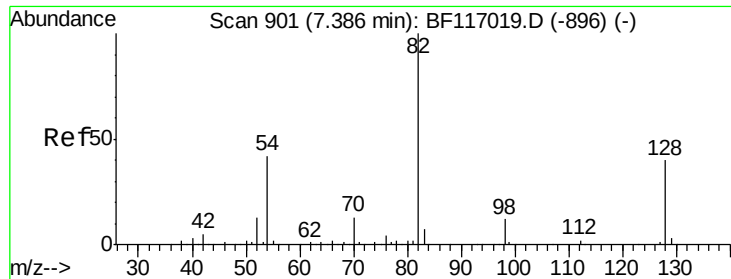
Tot Ion:136	Resp:	154280	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.0	13.4	
54 5.5	4.5	6.7	
68 4.4	4.0	6.0	



#22
Acetophenone
Concen: 41.794 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt	Ion:105	Resp:	163824
Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.7	8.5
51	26.4	22.1	33.1
120	20.7	17.1	25.7

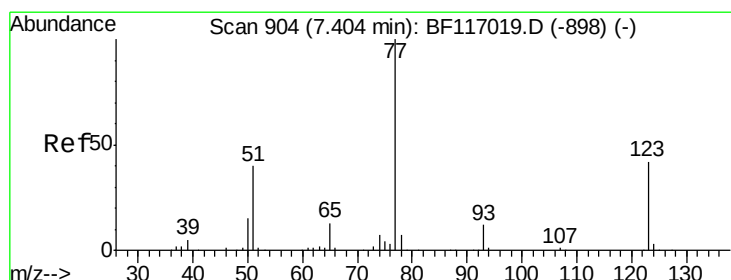
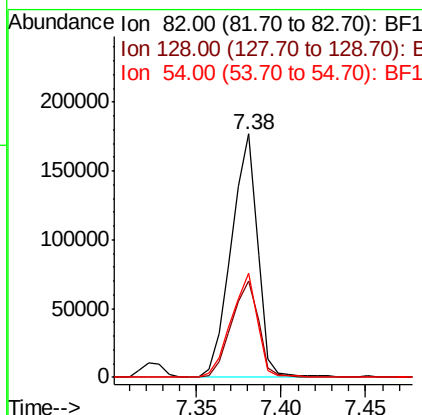
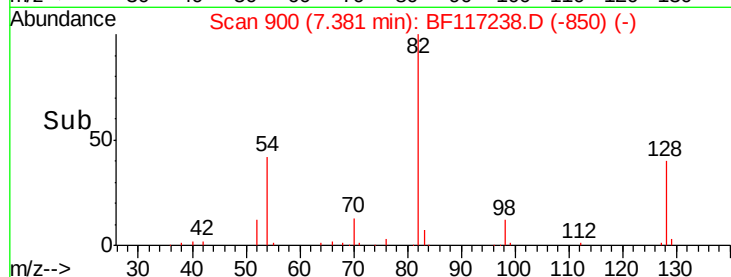
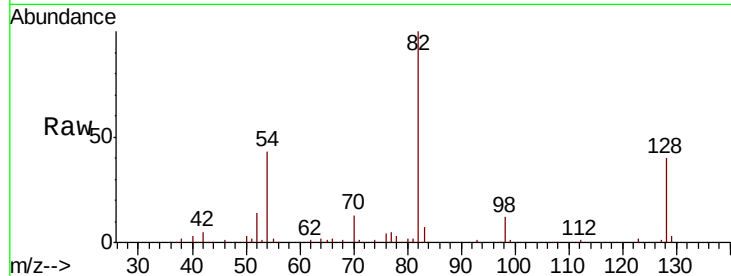




#23
Nitrobenzene-d5
Concen: 65.737 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

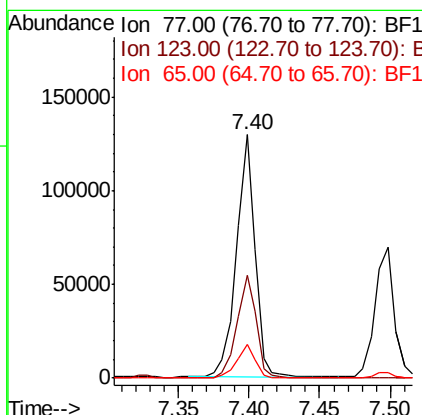
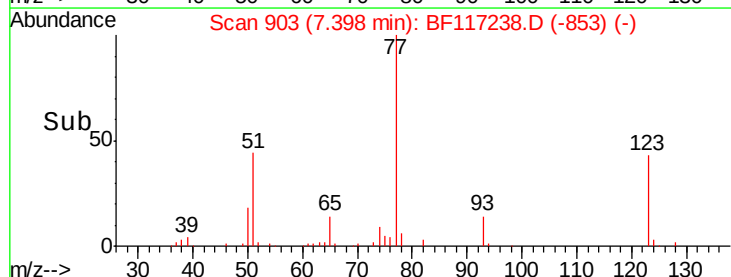
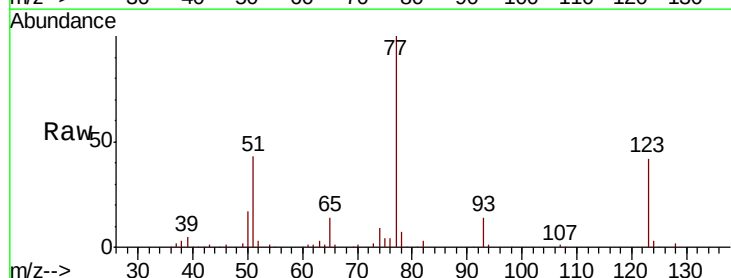
Instrument :
BNA_F
ClientSampled :

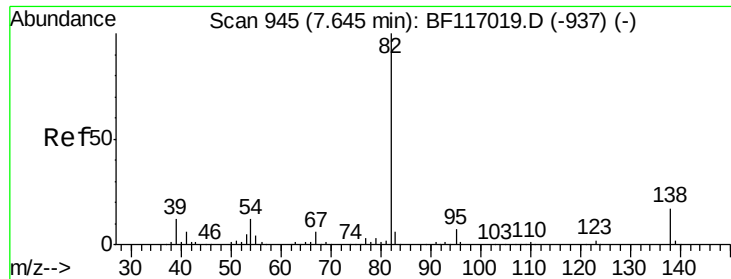
Tot Ion	82	Resp	193023
Ion Ratio	100	Lower	Upper
128	39.6	32.3	48.5
54	42.8	33.3	49.9



#24
Nitrobenzene
Concen: 40.867 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	77	Resp	118503
Ion Ratio	100	Lower	Upper
123	42.4	33.5	50.3
65	13.7	10.5	15.7





#25

Isophorone

Concen: 42.022 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

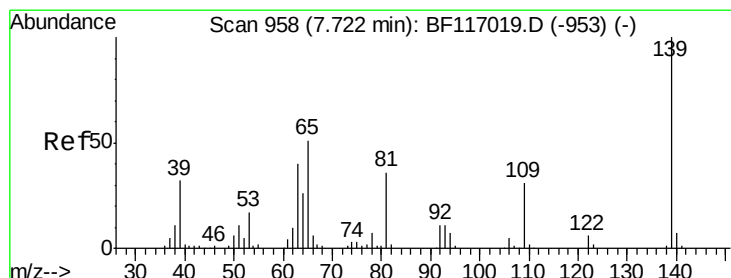
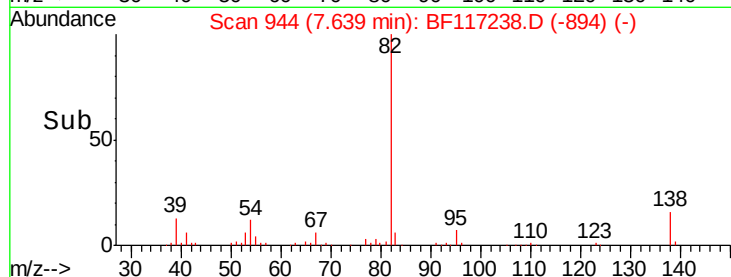
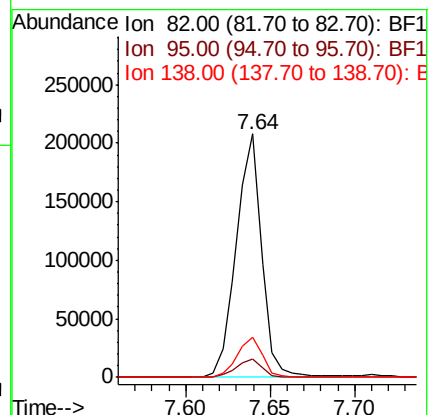
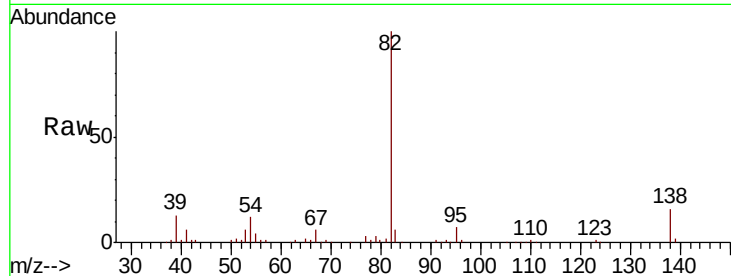
Tot Ion: 82 Resp: 218470

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 16.5 13.5 20.3



#26

2-Nitrophenol

Concen: 44.047 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

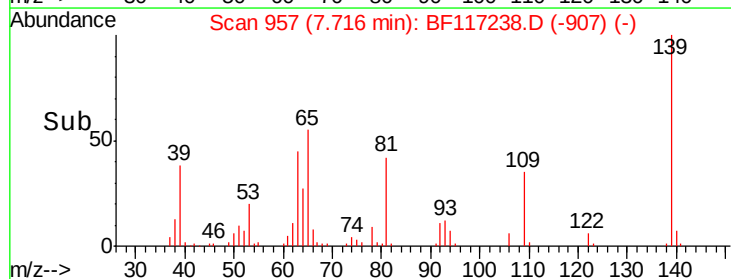
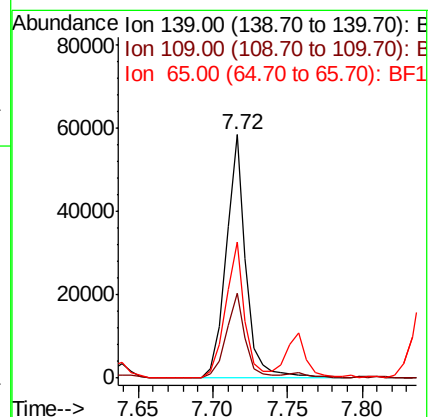
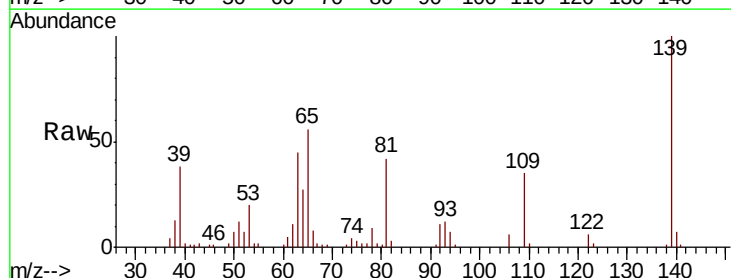
Tgt Ion: 139 Resp: 54861

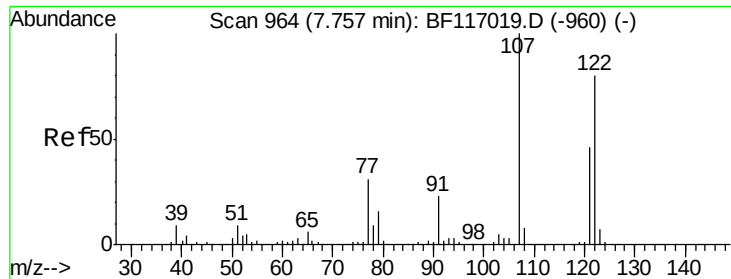
Ion Ratio Lower Upper

139 100

109 34.9 24.6 36.8

65 55.9 40.9 61.3

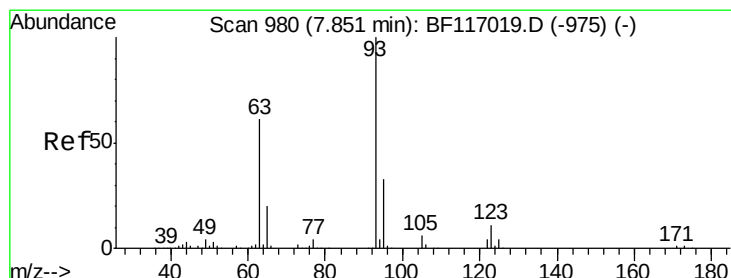
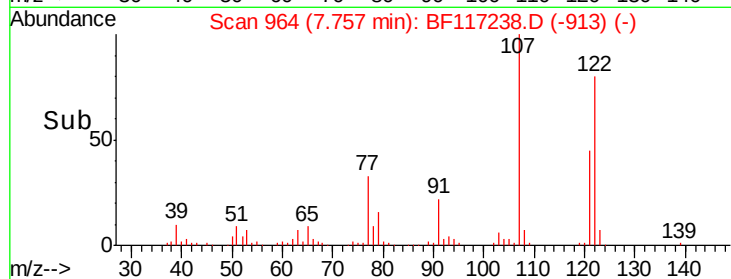
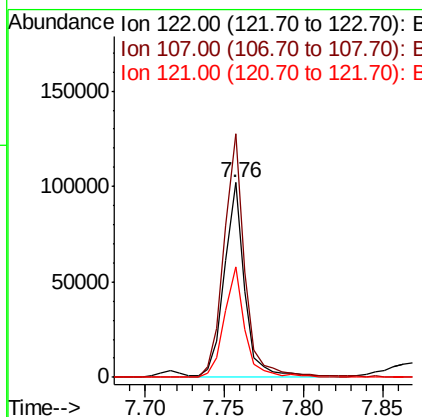
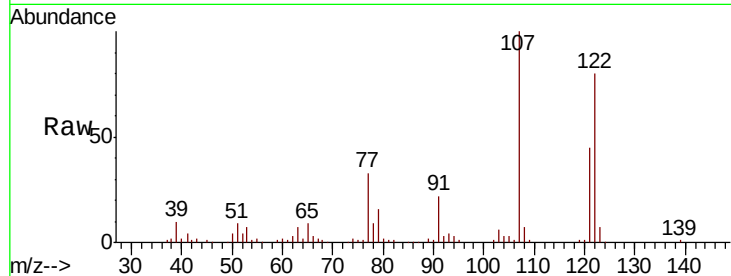




#27
 2,4-Dimethylphenol
 Concen: 46.228 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

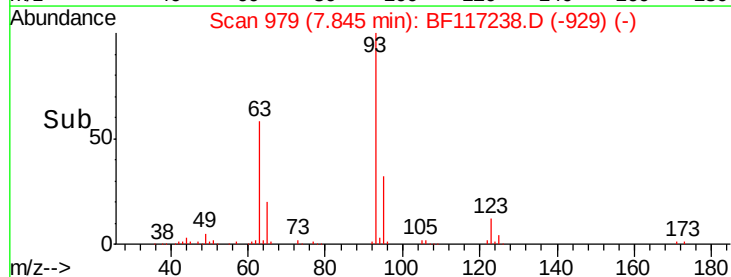
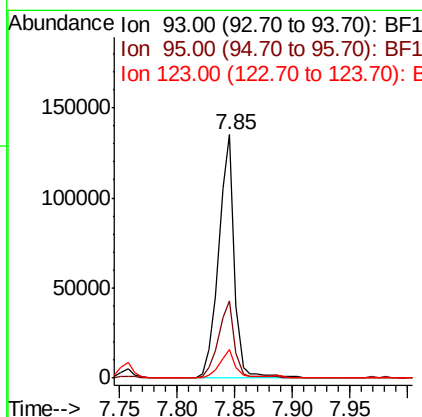
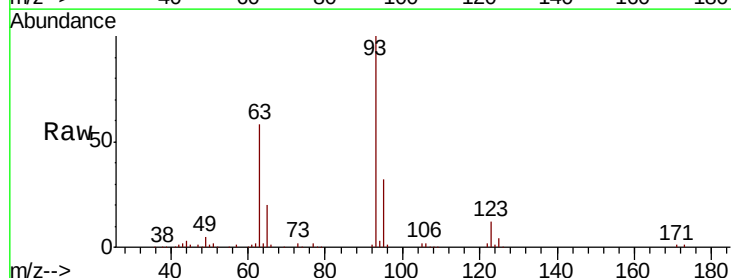
Instrument :
 BNA_F
 ClientSampleId :

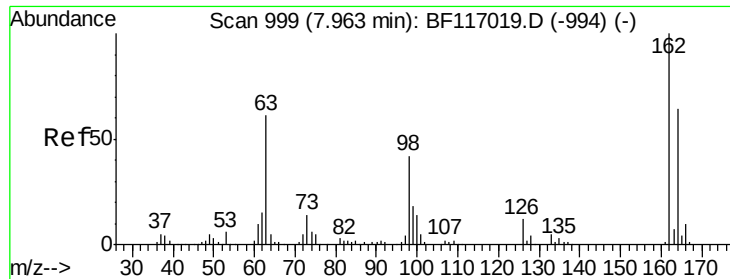
Tot Ion:122 Resp: 91308
 Ion Ratio Lower Upper
 122 100
 107 124.9 98.9 148.3
 121 56.4 45.3 67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.043 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion: 93 Resp: 128262
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.2 39.4
 123 11.5 9.0 13.6

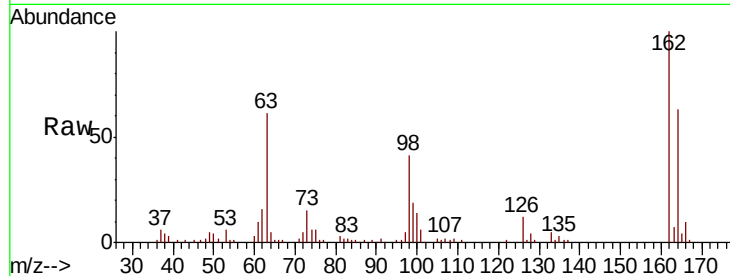




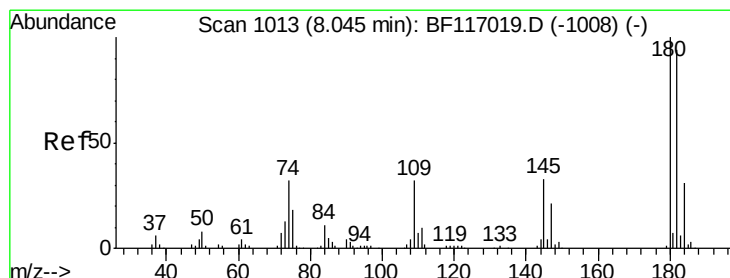
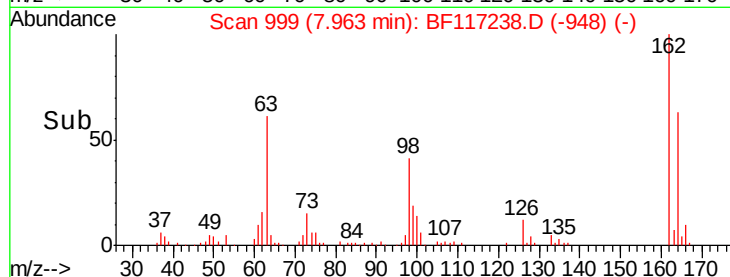
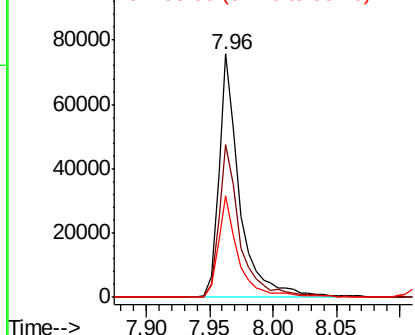
#29
 2,4-Dichlorophenol
 Concen: 41.645 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	162	Resp	86188
Ion Ratio	Lower	Upper	
162	100		
164	62.9	43.8	83.8
98	41.5	22.1	62.1

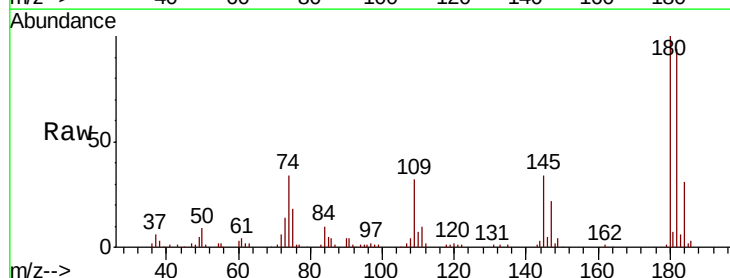


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

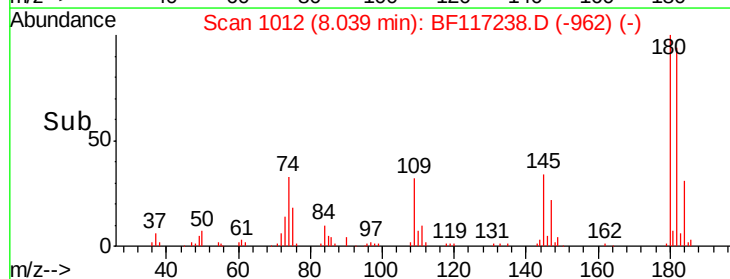
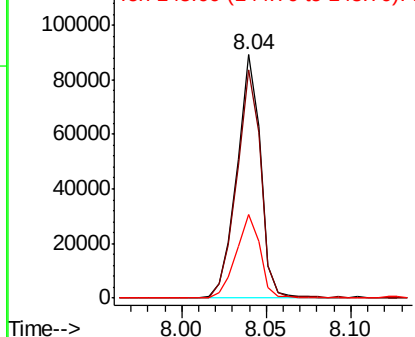


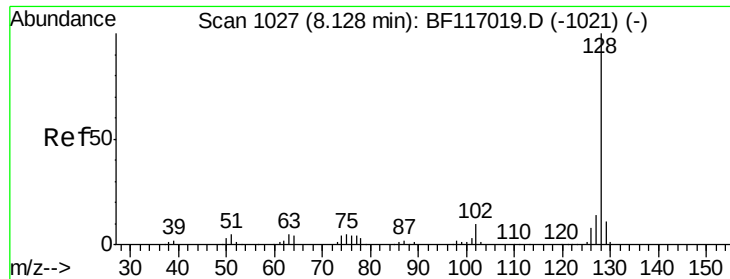
#30
 1,2,4-Trichlorobenzene
 Concen: 38.732 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	180	Resp	86603
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.4	113.0
145	34.4	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

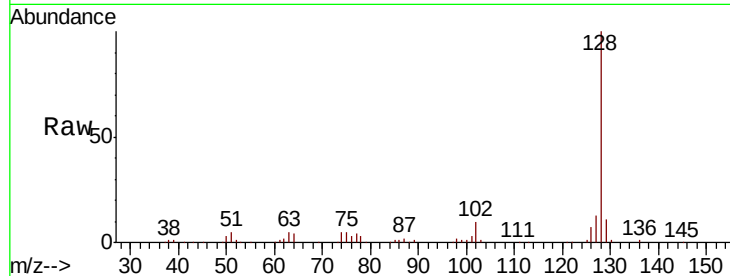




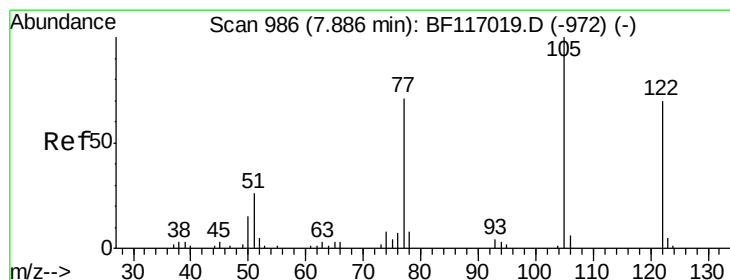
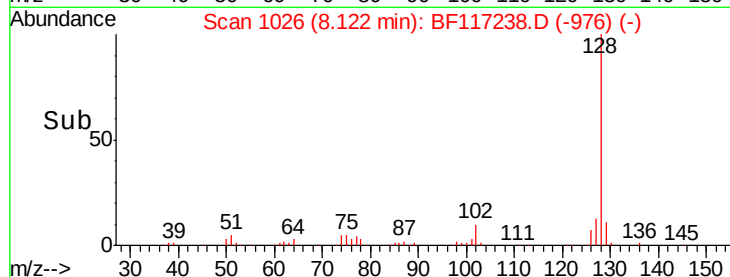
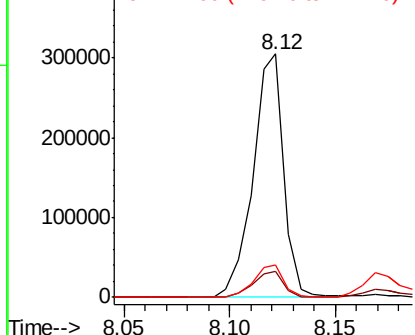
#31
Naphthalene
Concen: 41.554 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 308330
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.2 10.8 16.2

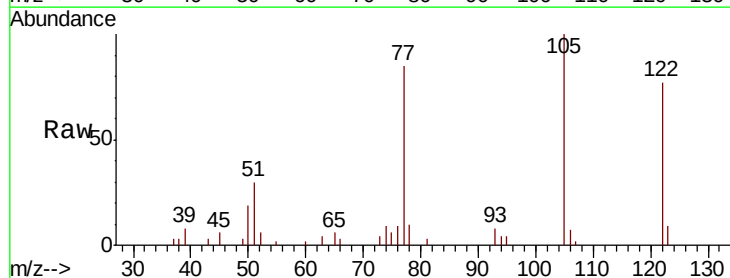


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

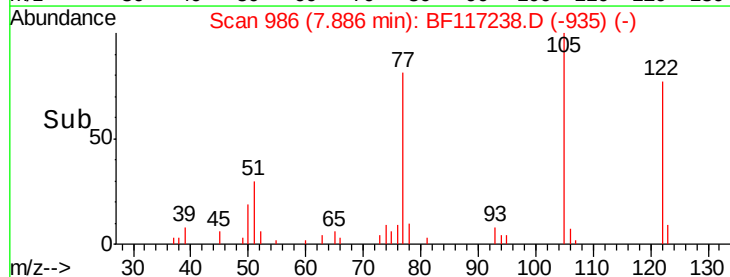
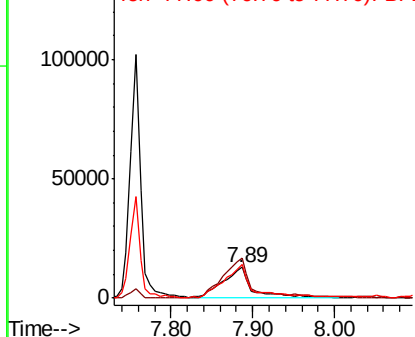


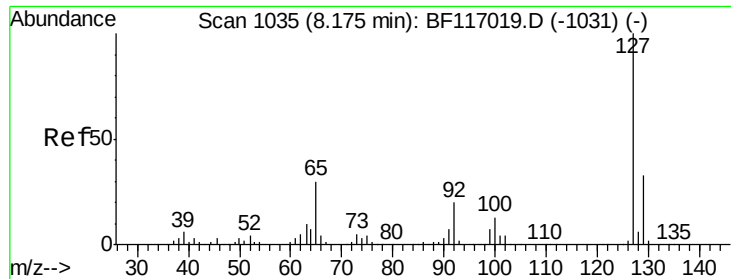
#32
Benzoic acid
Concen: 24.142 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion:122 Resp: 30339
Ion Ratio Lower Upper
122 100
105 130.3 114.8 154.8
77 110.3 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

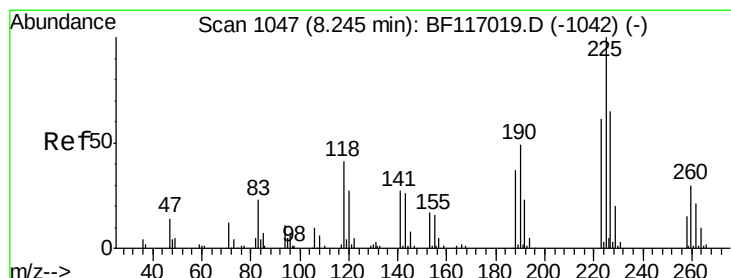
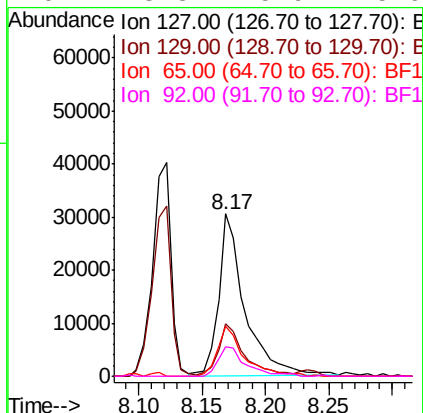
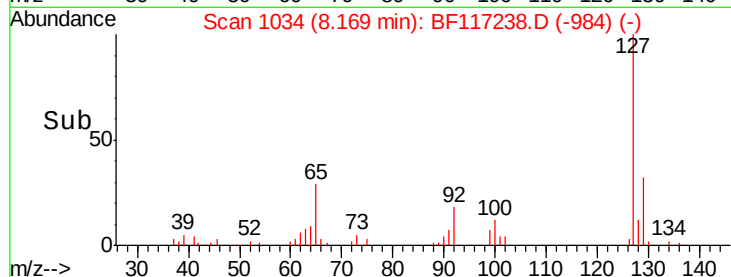
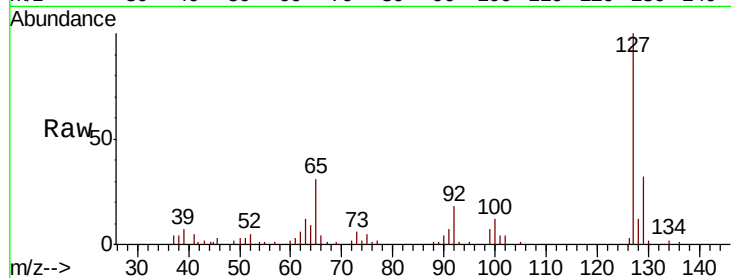




#33
4-Chloroaniline
Concen: 13.170 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

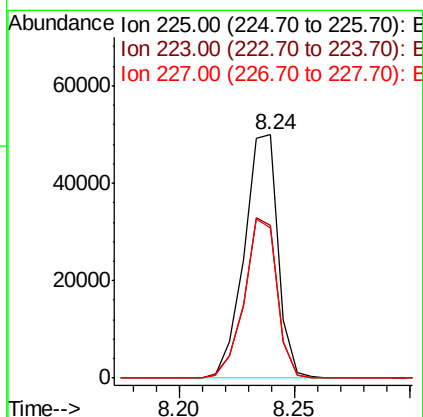
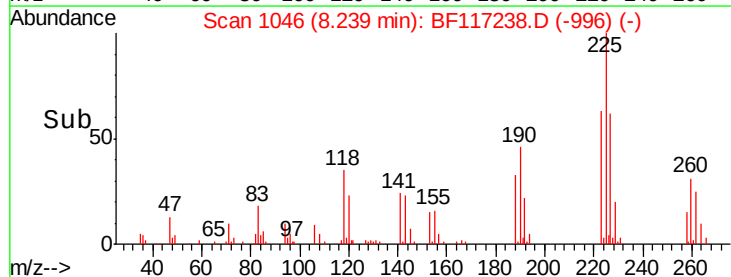
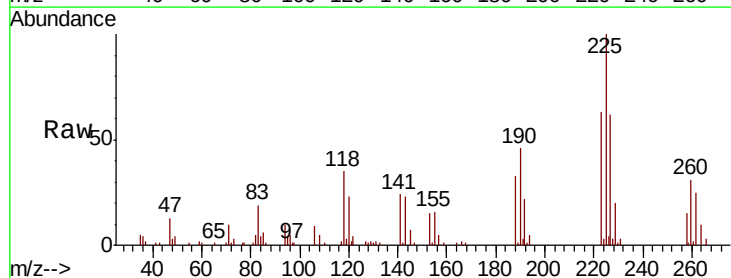
Instrument :
BNA_F
ClientSampleId :

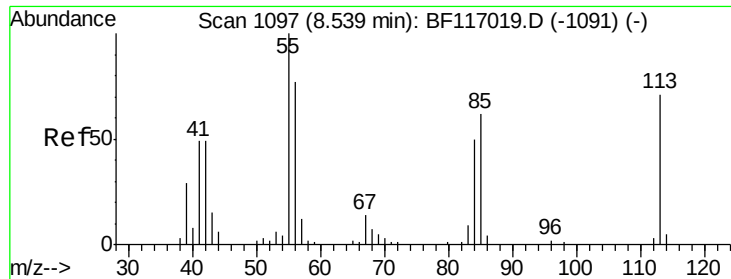
Tot Ion:127	Resp:	43342
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.2 39.2
65	30.9	23.5 35.3
92	18.3	15.9 23.9



#34
Hexachlorobutadiene
Concen: 40.344 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion:225	Resp:	51178
Ion Ratio	Lower	Upper
225	100	
223	62.5	49.1 73.7
227	61.9	52.2 78.2

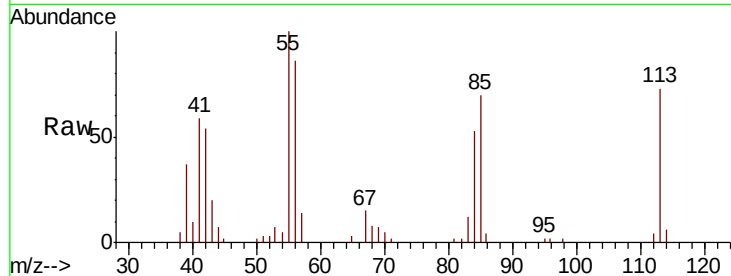




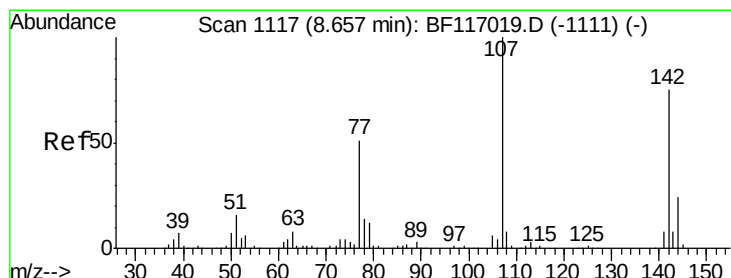
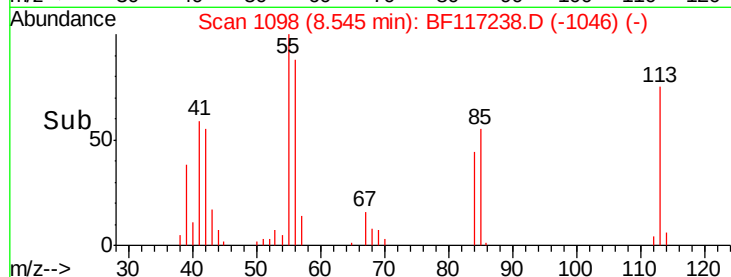
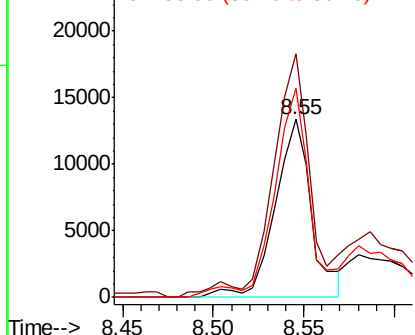
#35
Caprolactam
Concen: 26.494 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 18559
Ion Ratio Lower Upper
113 100
55 136.6 120.6 160.6
56 117.5 88.8 128.8

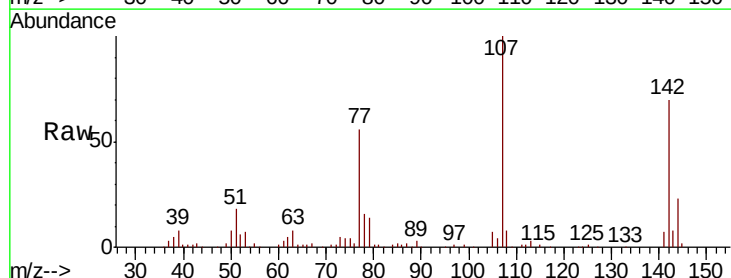


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

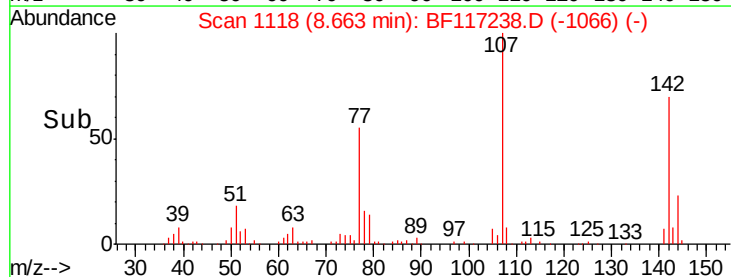
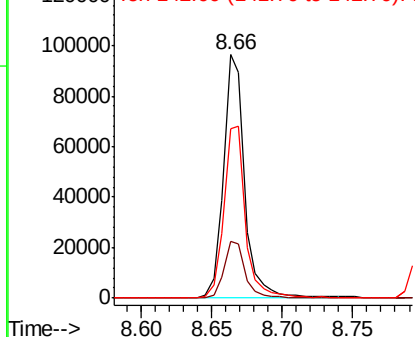


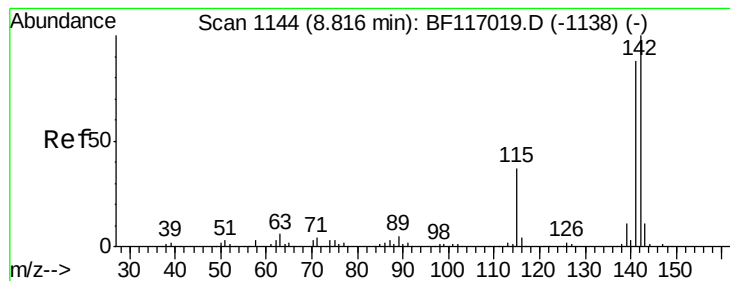
#36
4-Chloro-3-methylphenol
Concen: 41.704 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion:107 Resp: 100640
Ion Ratio Lower Upper
107 100
144 23.1 19.2 28.8
142 69.5 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: 42.496 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

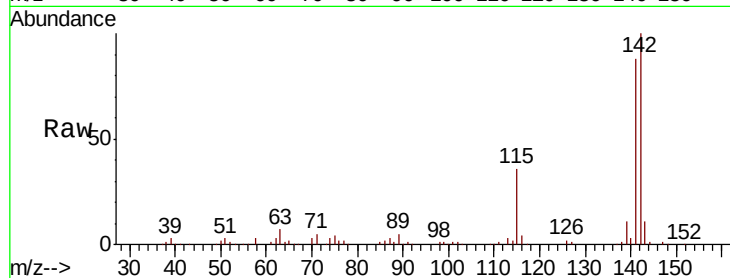
Tot Ion:142 Resp: 212330

Ion Ratio Lower Upper

142 100

141 88.0 70.7 106.1

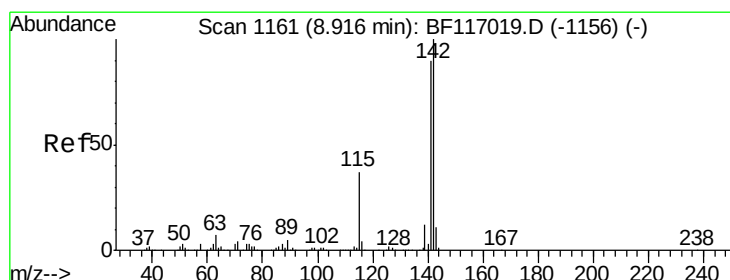
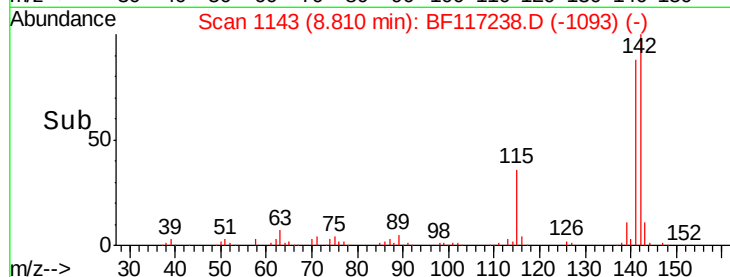
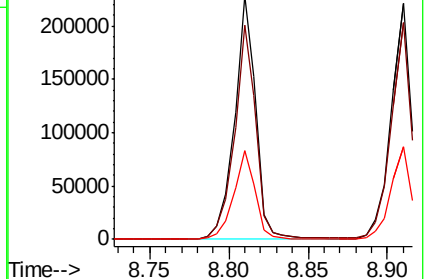
115 36.3 29.4 44.0



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: 41.814 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

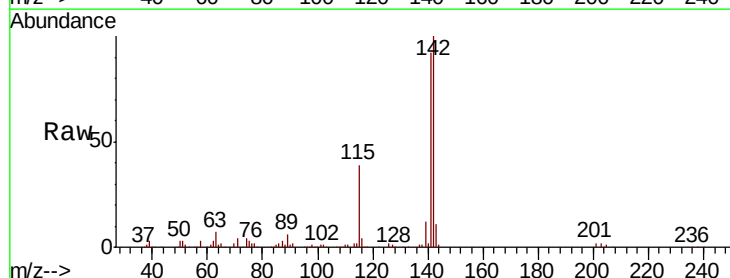
Tgt Ion:142 Resp: 195674

Ion Ratio Lower Upper

142 100

141 91.9 71.9 107.9

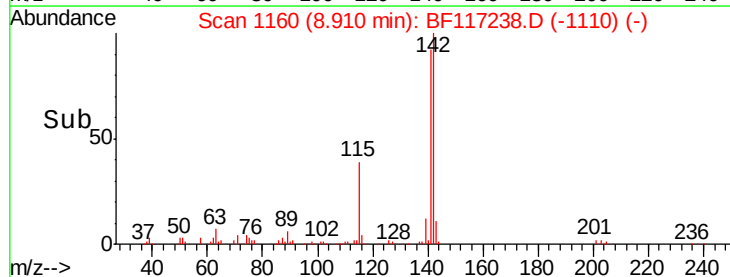
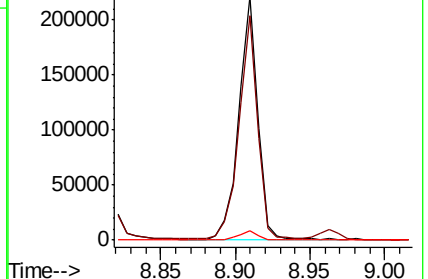
116 3.7 3.2 4.8

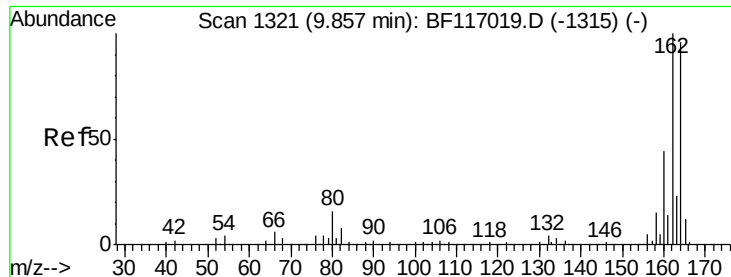


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

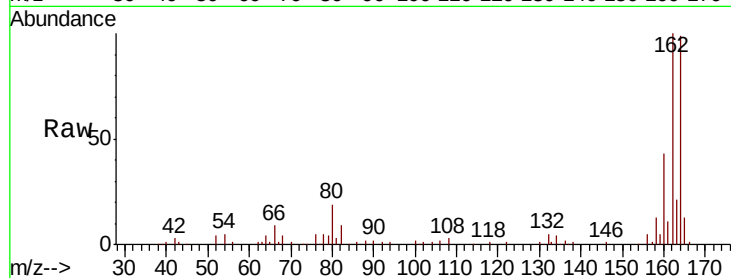
Tot Ion:164 Resp: 80441

Ion Ratio Lower Upper

164 100

162 101.4 83.4 125.2

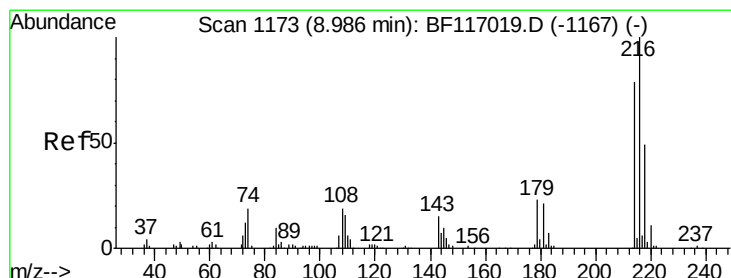
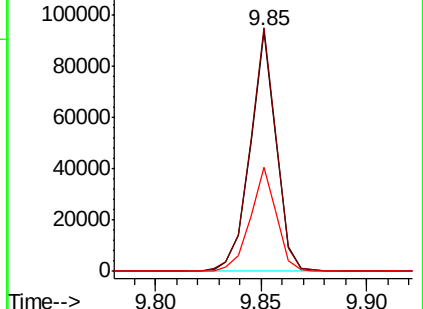
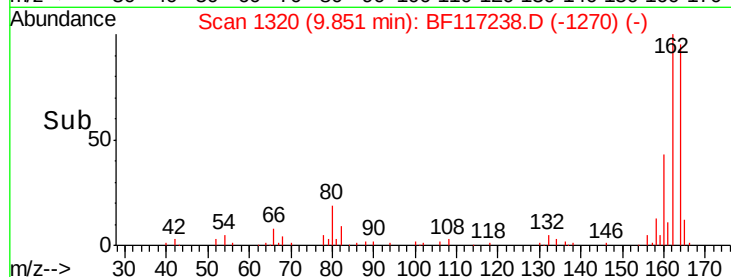
160 43.2 36.4 54.6



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: 41.024 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:216 Resp: 85215

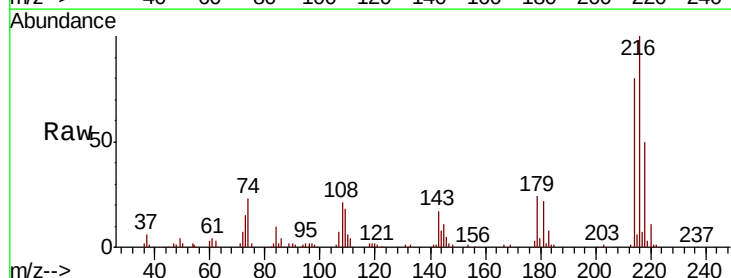
Ion Ratio Lower Upper

216 100

214 76.8 63.6 95.4

179 23.5 18.3 27.5

108 23.9 17.8 26.6

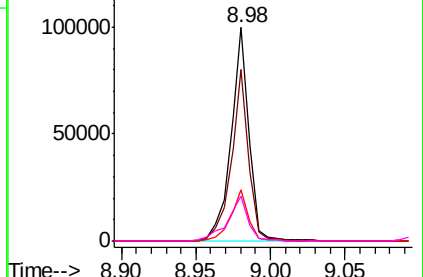
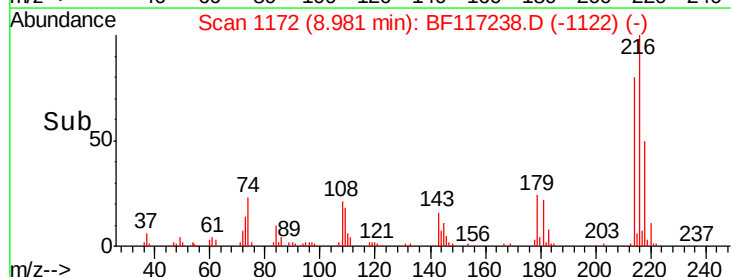


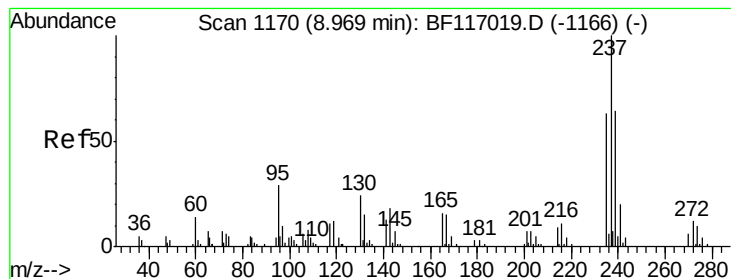
Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.496 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

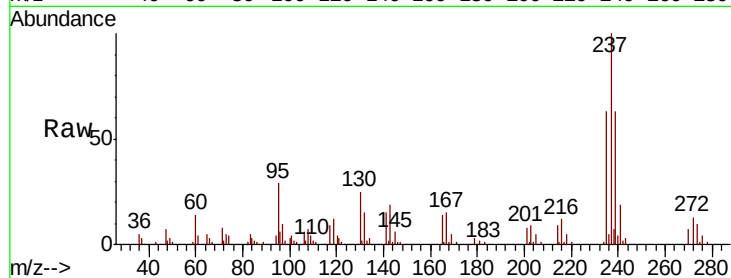
Tot Ion:237 Resp: 56652

Ion Ratio Lower Upper

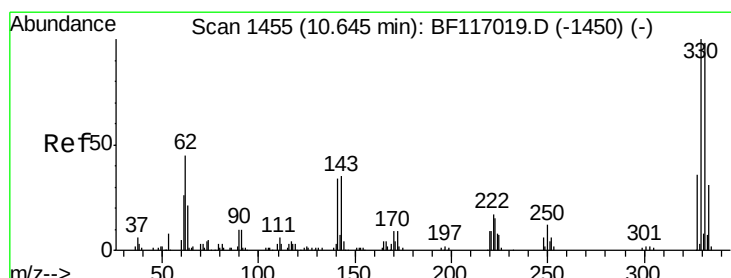
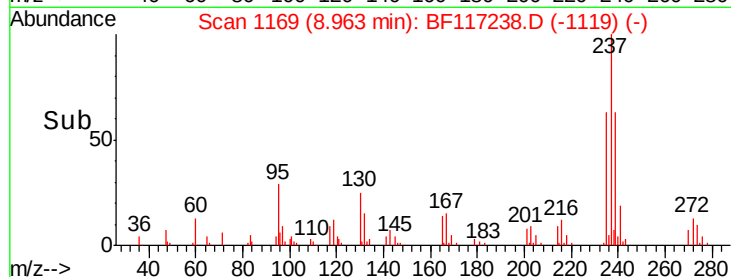
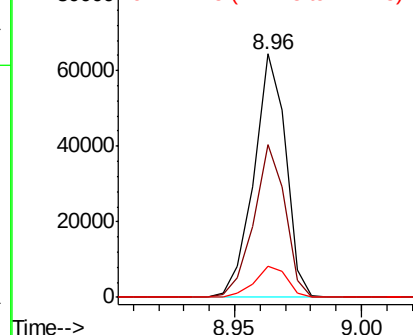
237 100

235 62.6 43.2 83.2

272 13.0 0.0 31.9



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



#42

2,4,6-Tribromophenol

Concen: 85.009 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

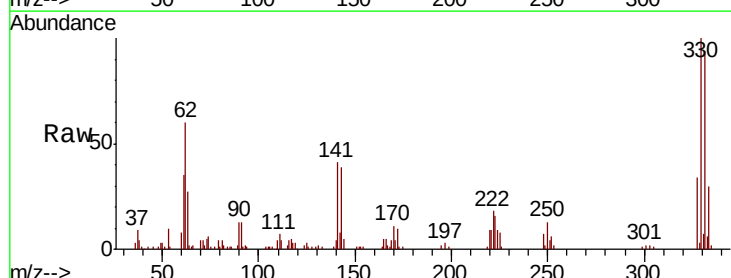
Tgt Ion:330 Resp: 57152

Ion Ratio Lower Upper

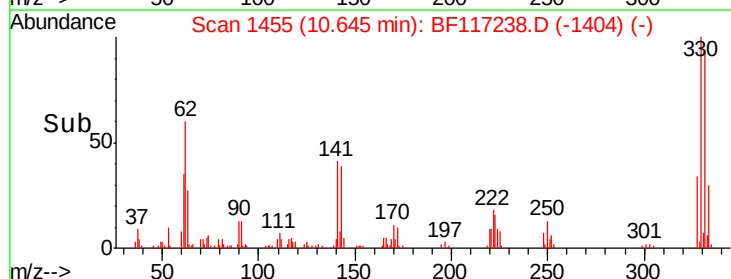
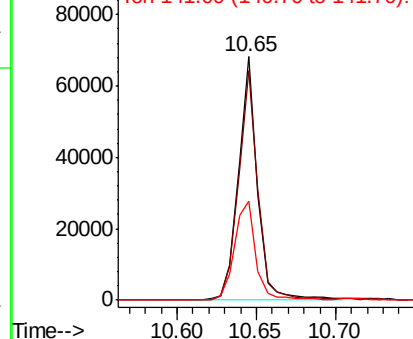
330 100

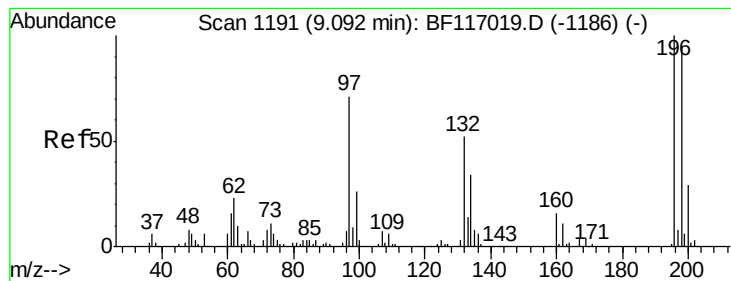
332 96.4 78.0 117.0

141 44.9 35.8 53.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.849 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

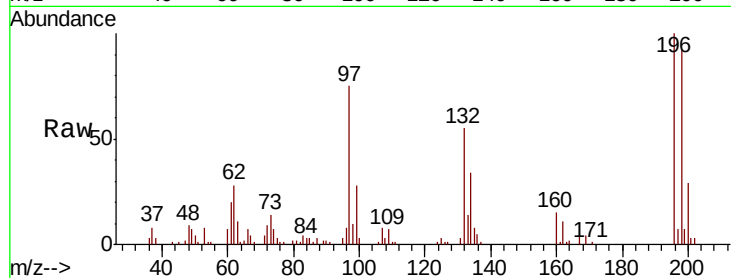
Tot Ion:196 Resp: 56173

Ion Ratio Lower Upper

196 100

198 92.1 75.7 113.5

200 28.7 23.3 34.9

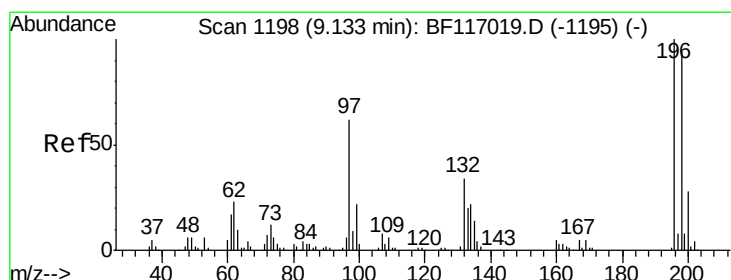
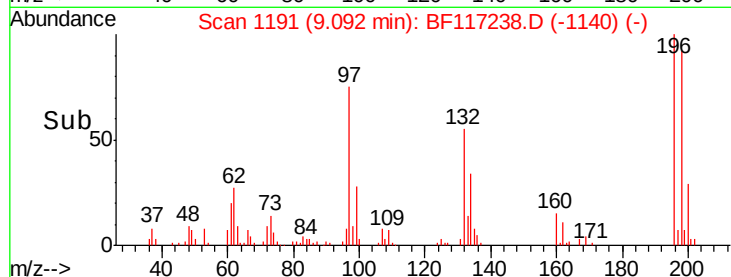
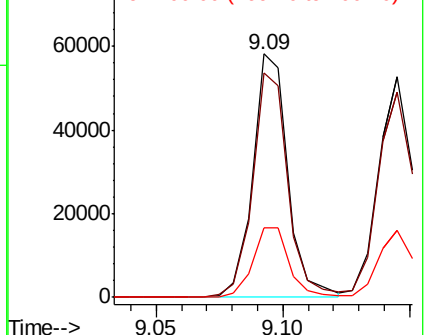


Abundance

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: 40.245 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:196 Resp: 60613

Ion Ratio Lower Upper

196 100

198 93.0 74.6 112.0

97 57.5 49.5 74.3

132 31.8 27.4 41.2

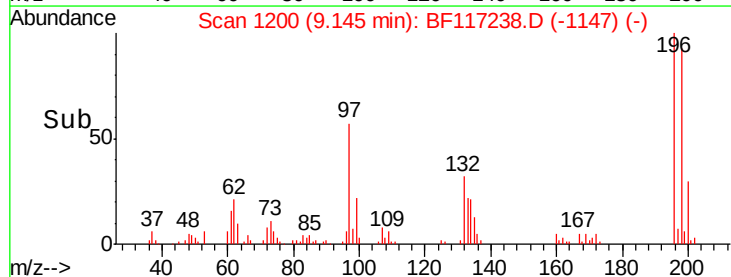
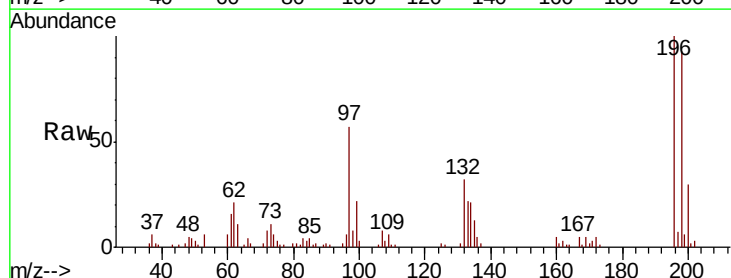
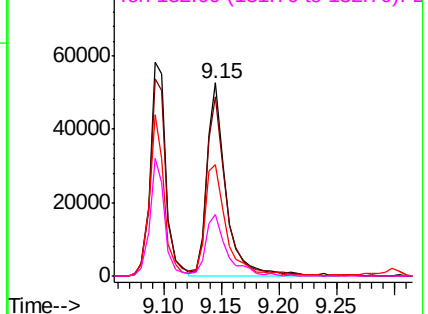
Abundance

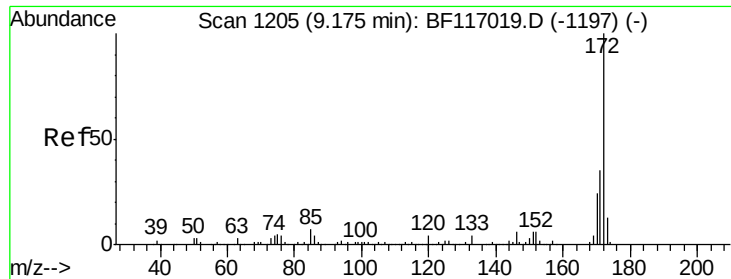
Ion 196.00 (195.70 to 196.70): E

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

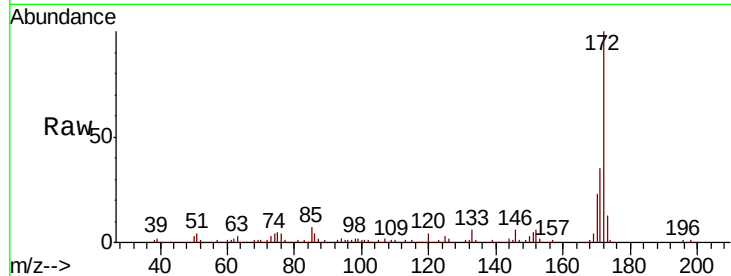




#45
2-Fluorobiphenyl
Concen: 61.204 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.0	18.9	28.3

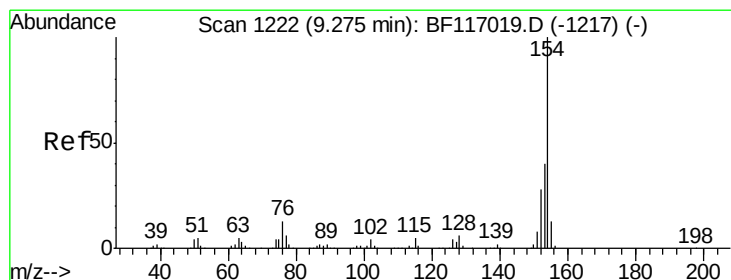
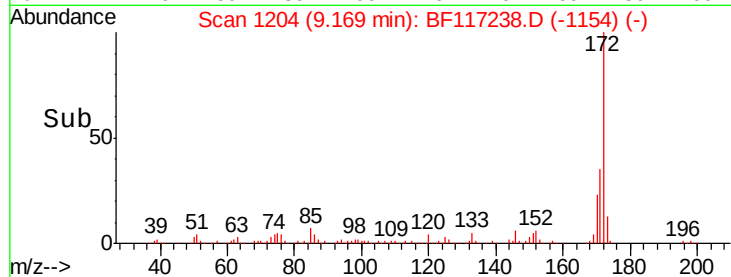
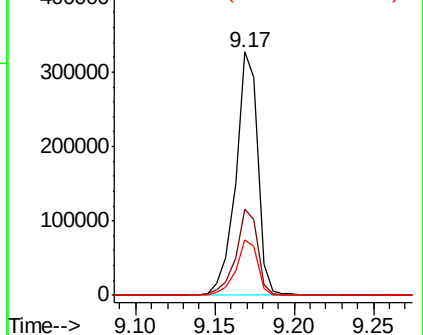


Abundance

Ion 172.00 (171.70 to 172.70): E

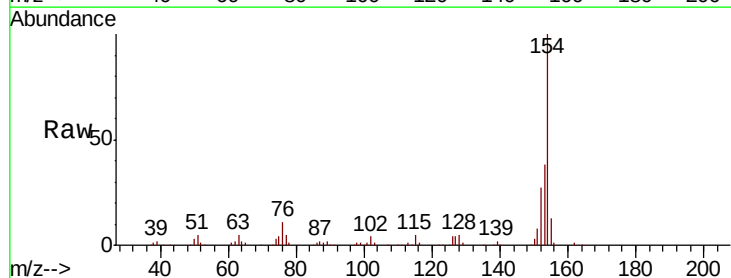
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.049 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.0	20.0	60.0
76	10.9	0.0	32.7

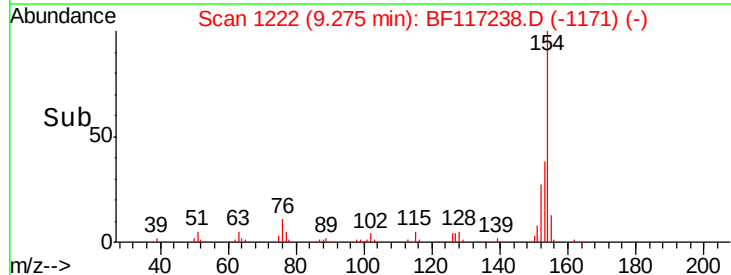
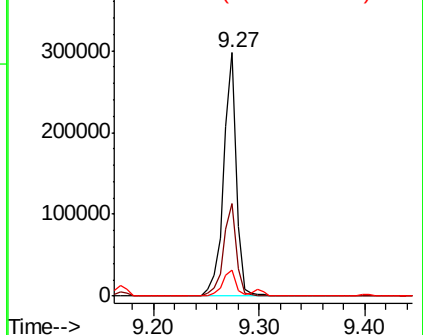


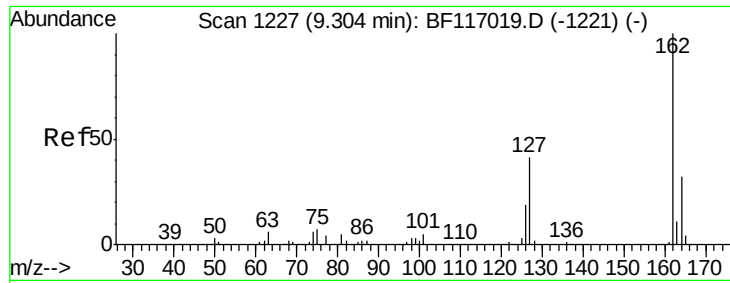
Abundance

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

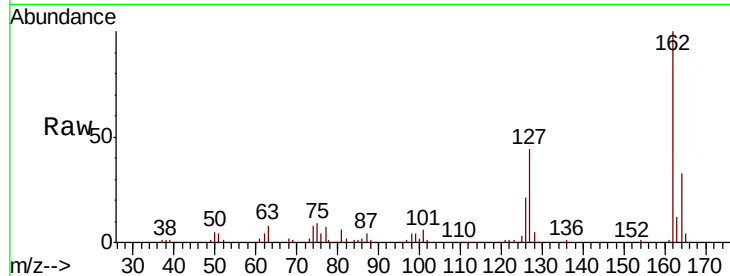




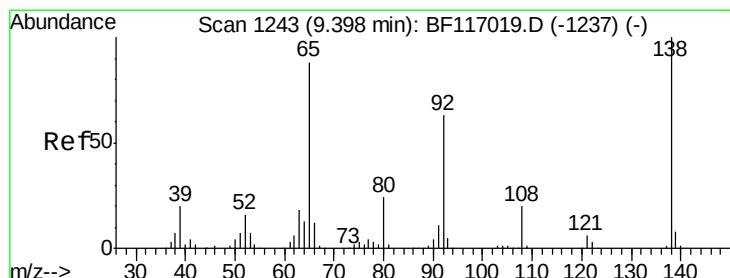
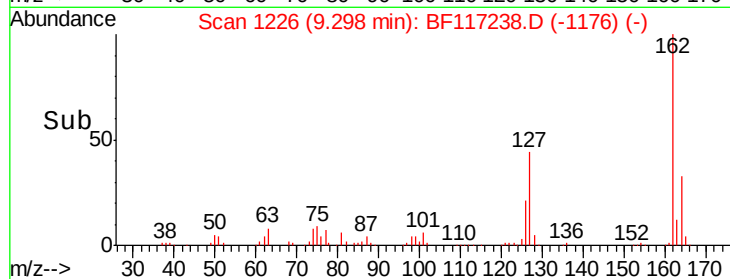
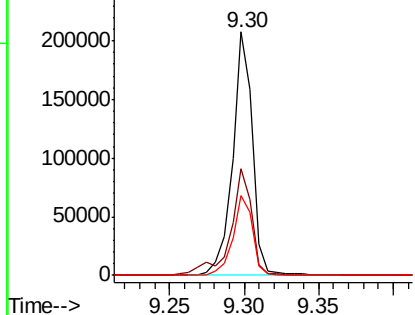
#47
 2-Chloronaphthalene
 Concen: 39.012 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 194269
 Ion Ratio Lower Upper
 162 100
 127 43.6 34.1 51.1
 164 32.7 25.9 38.9

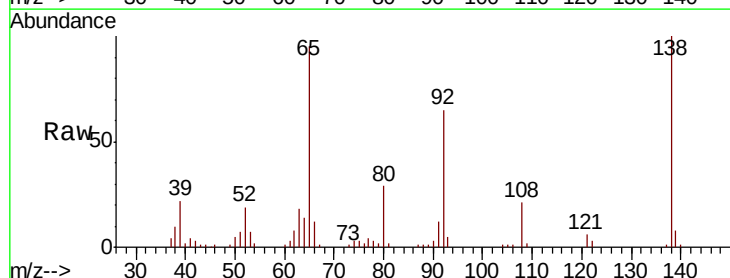


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

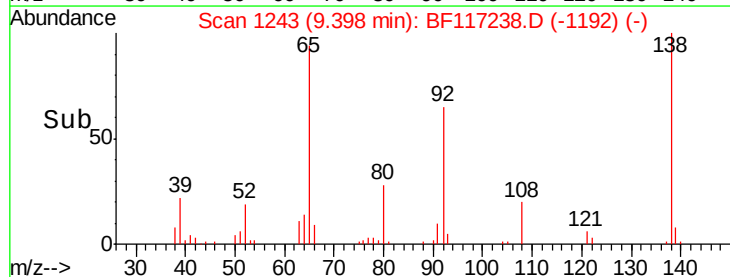
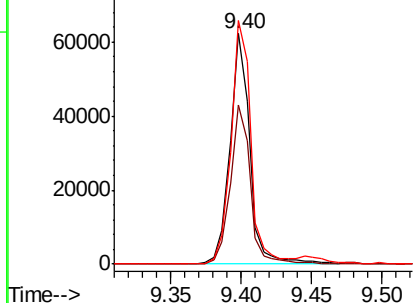


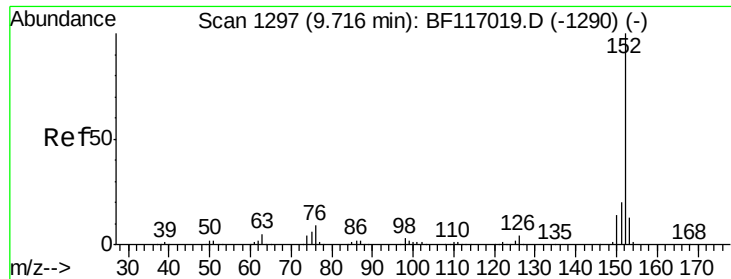
#48
 2-Nitroaniline
 Concen: 37.989 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion: 65 Resp: 60679
 Ion Ratio Lower Upper
 65 100
 92 69.0 57.5 86.3
 138 105.6 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: 41.252 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

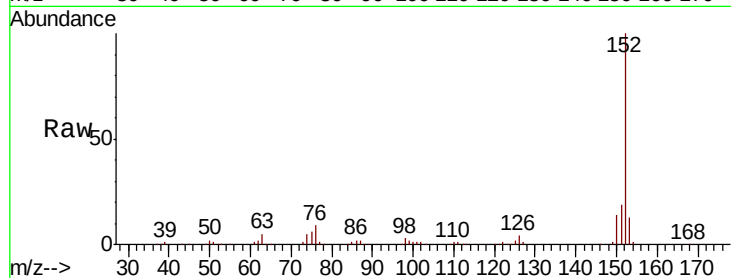
Tot Ion:152 Resp: 307737

Ion Ratio Lower Upper

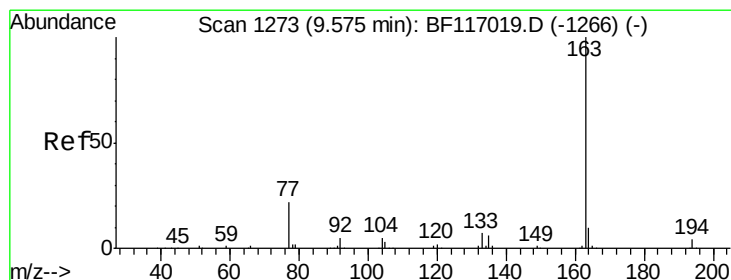
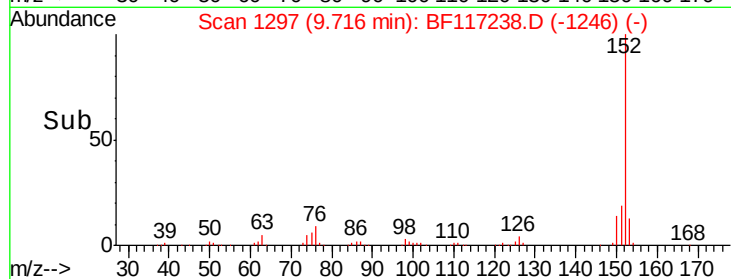
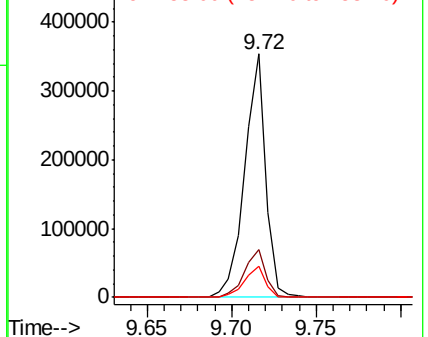
152 100

151 19.4 16.2 24.2

153 12.6 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: 47.357 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

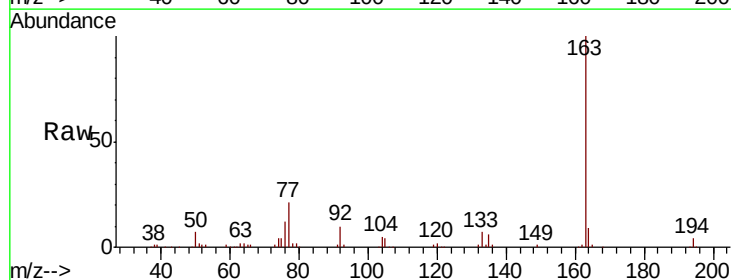
Tgt Ion:163 Resp: 269728

Ion Ratio Lower Upper

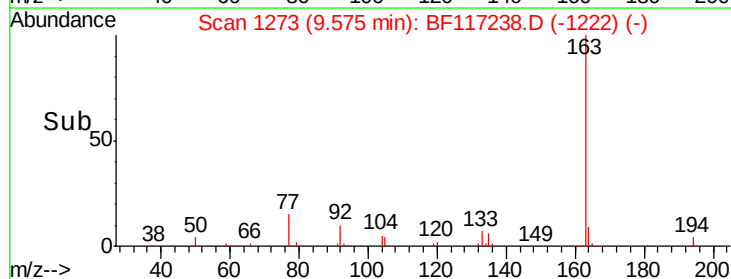
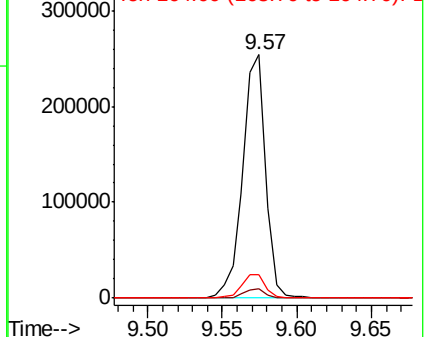
163 100

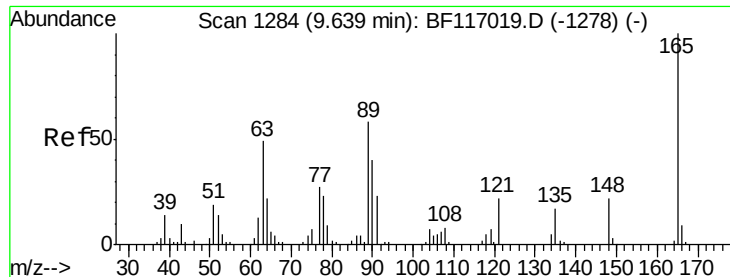
194 3.7 2.9 4.3

164 9.4 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

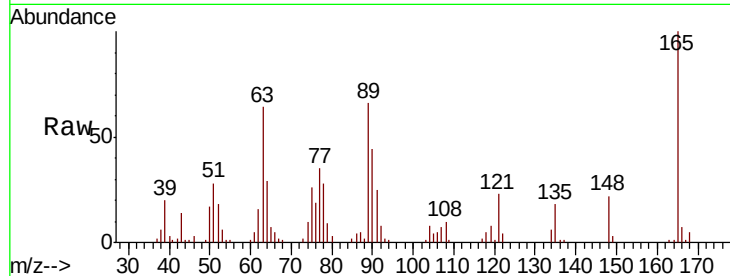




#51
 2,6-Dinitrotoluene
 Concen: 42.835 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.9	41.8	62.8#
89	66.3	46.5	69.7

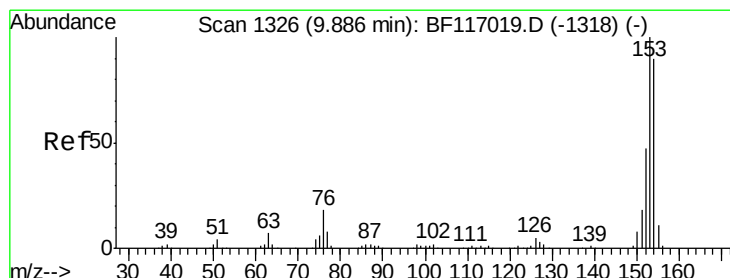
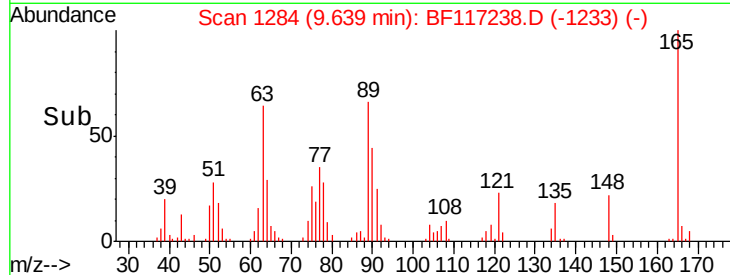
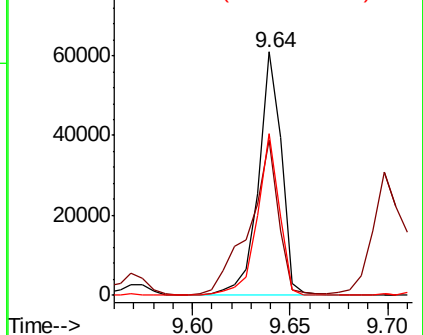


Abundance

Ion 165.00 (164.70 to 165.70): E

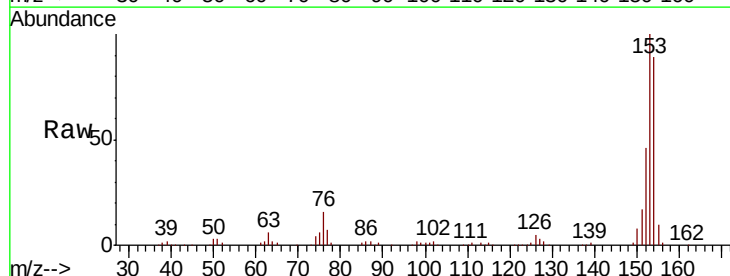
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 40.211 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.0	133.6
152	51.7	41.9	62.9

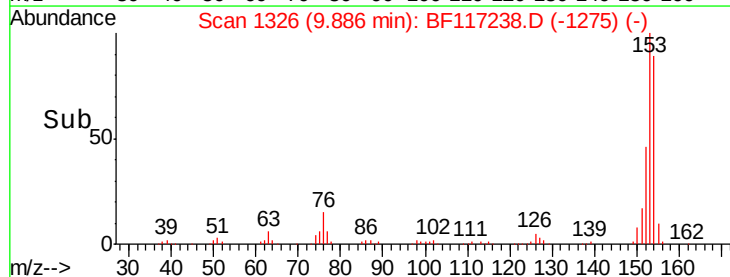
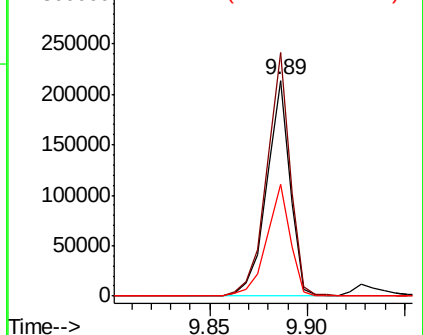


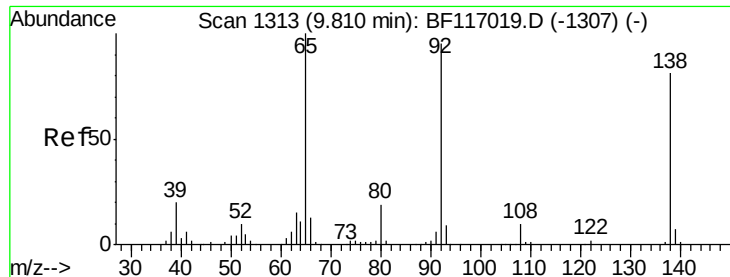
Abundance

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

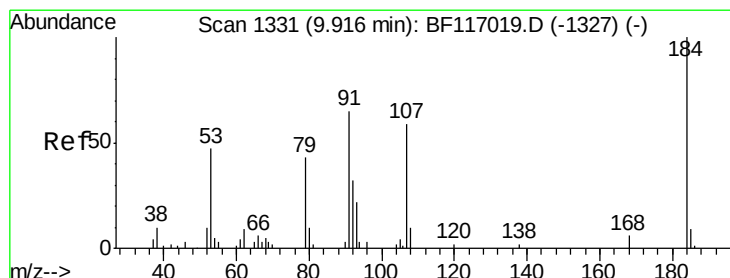
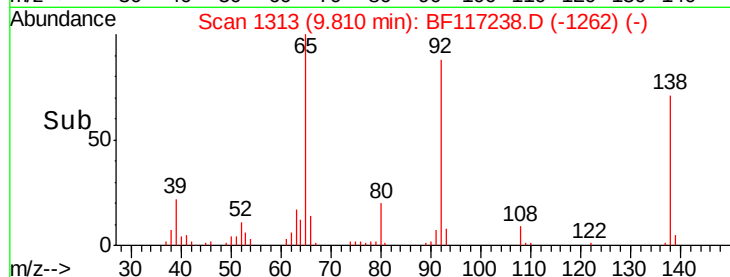
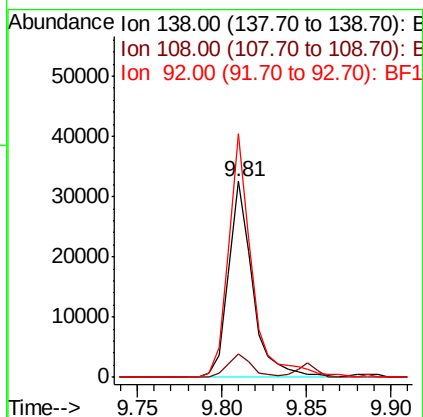
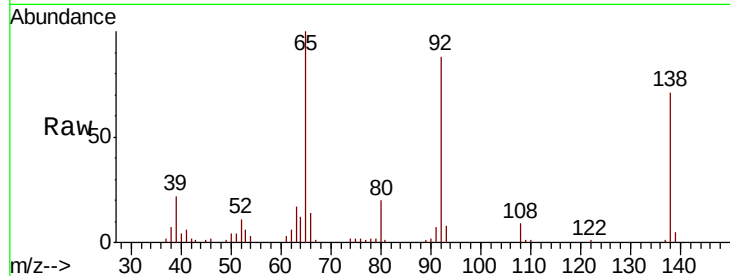




#53
 3-Nitroaniline
 Concen: 21.914 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

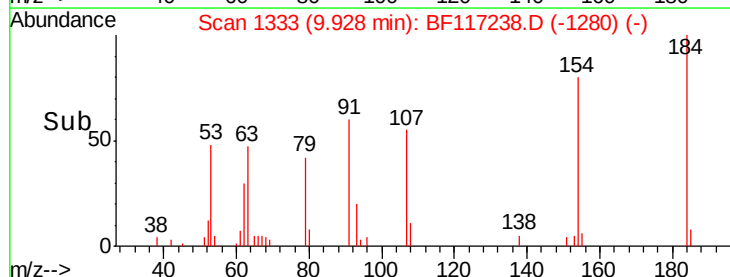
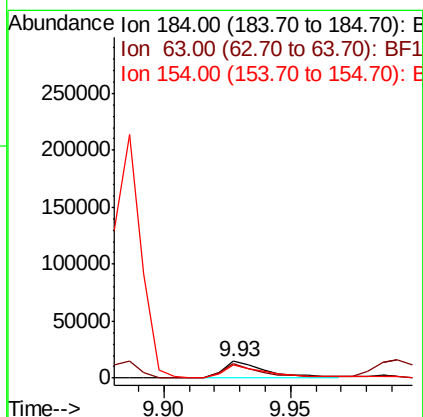
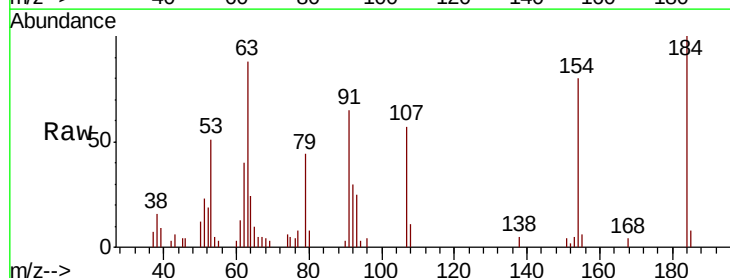
Instrument :
 BNA_F
 ClientSampleId :

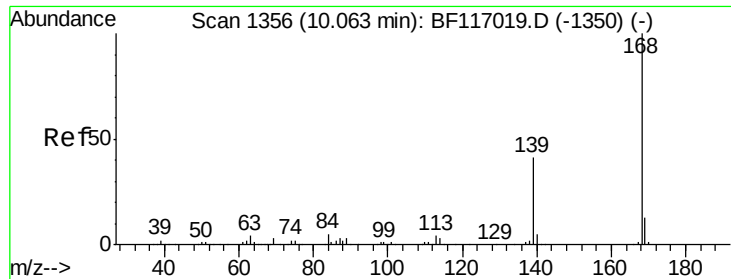
Tot Ion:138 Resp: 32073
 Ion Ratio Lower Upper
 138 100
 108 12.1 9.5 14.3
 92 124.2 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 40.678 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion:184 Resp: 17826
 Ion Ratio Lower Upper
 184 100
 63 87.5 63.8 95.6
 154 79.8 60.4 90.6

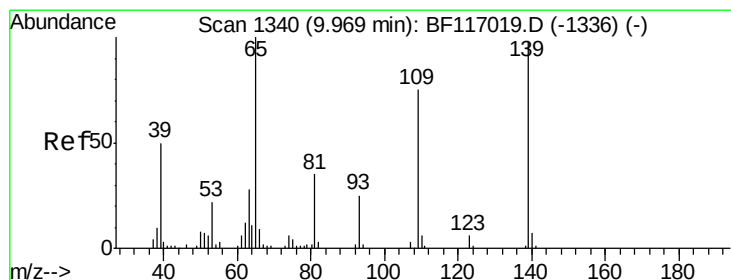
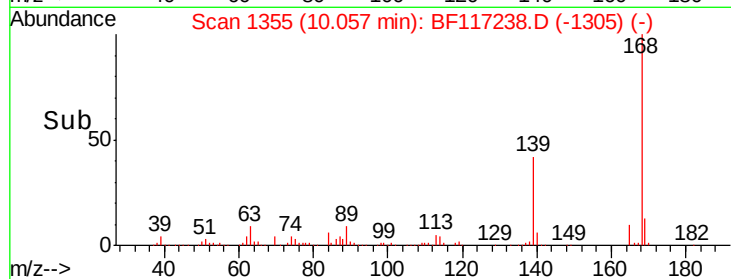
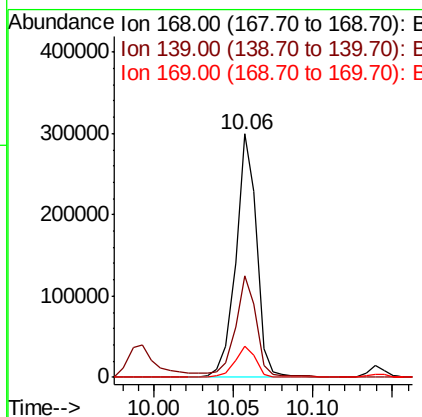
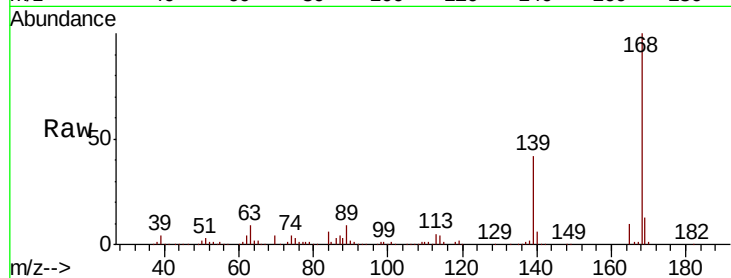




#55
Dibenzenofuran
Concen: 41.663 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

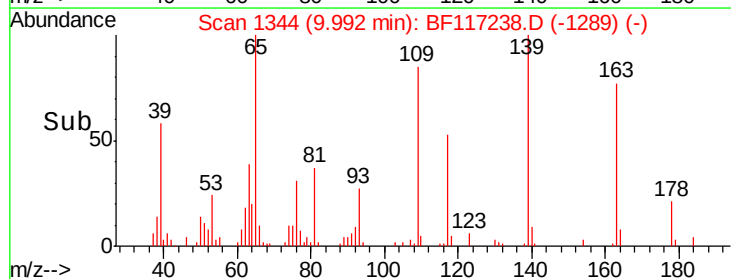
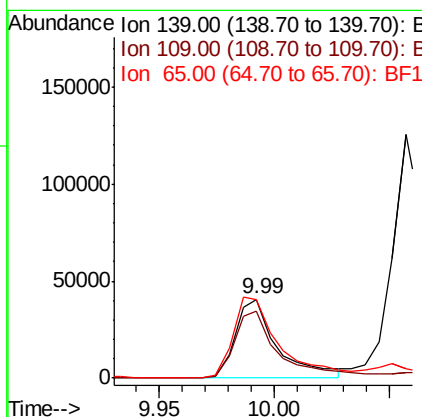
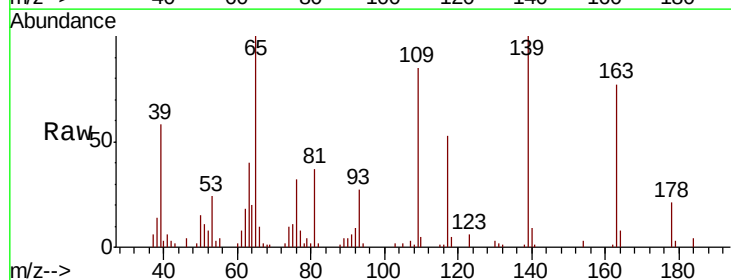
Instrument :
BNA_F
ClientSampleId :

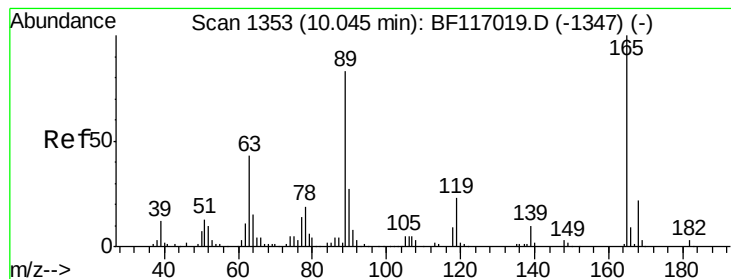
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	32.8	49.2
169	13.0	10.5	15.7



#56
4-Nitrophenol
Concen: 54.194 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	84.6	56.4	96.4
65	99.8	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 42.883 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 64572

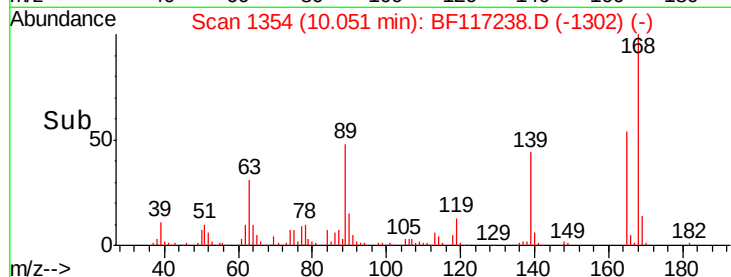
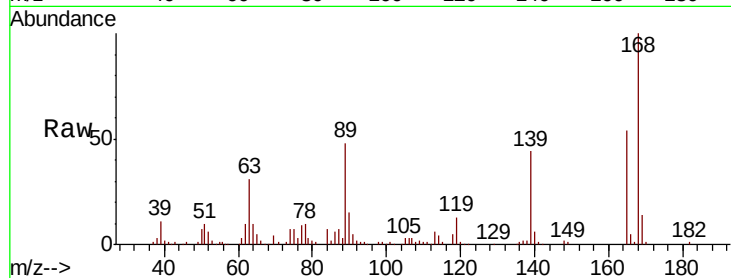
Ion Ratio Lower Upper

165 100

63 57.6 35.0 52.4#

89 88.9 66.1 99.1

182 2.2 2.0 3.0

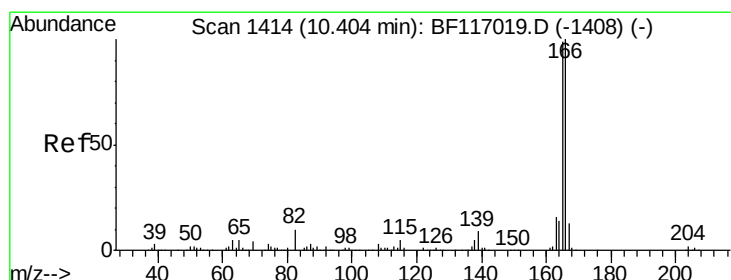
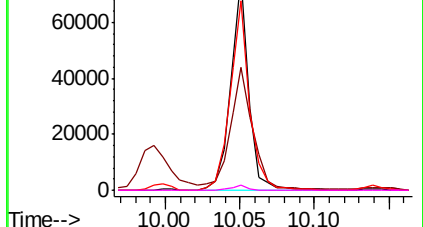


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.798 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

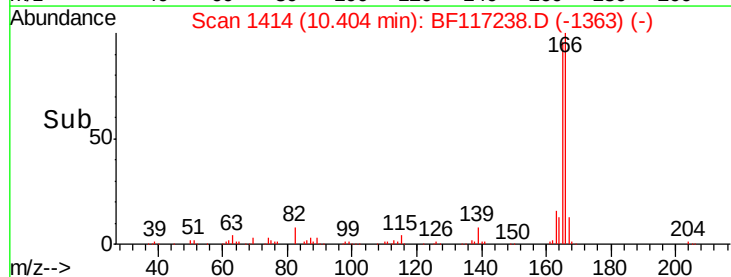
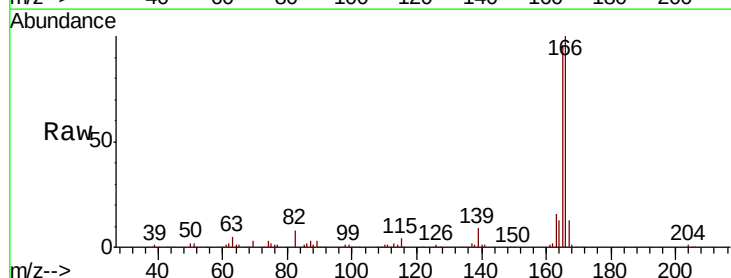
Tgt Ion:166 Resp: 219679

Ion Ratio Lower Upper

166 100

165 96.1 78.9 118.3

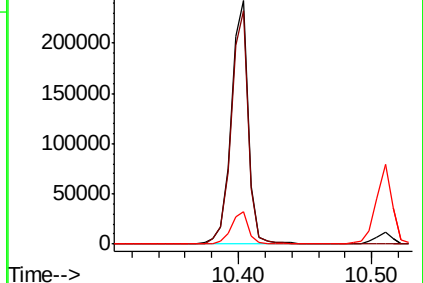
167 13.2 10.6 15.8

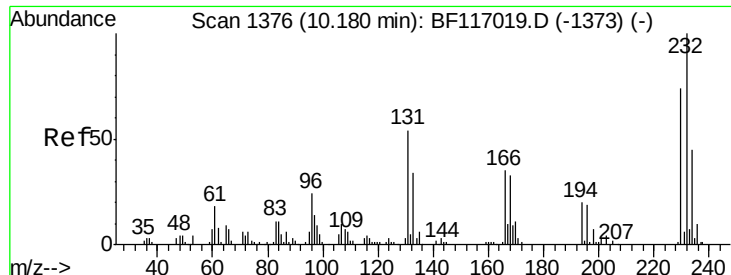


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

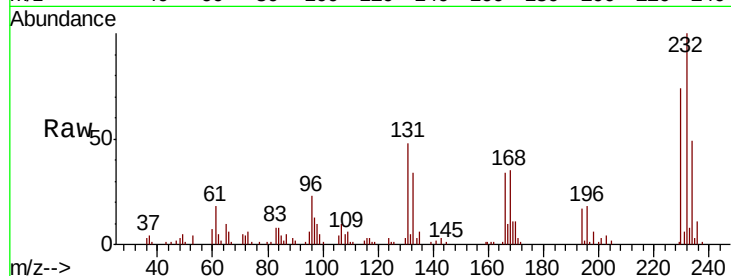




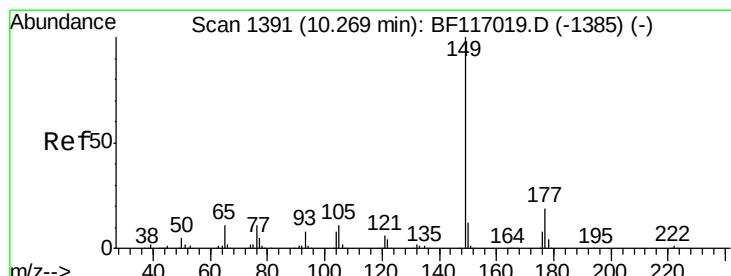
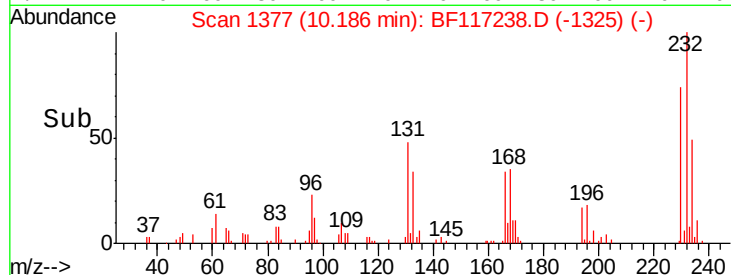
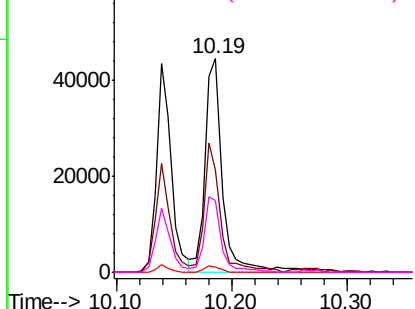
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.497 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	47826
Ion	Ratio	Lower	Upper
232	100		
131	55.4	45.3	67.9
130	2.6	1.8	2.8
166	34.0	29.4	44.2

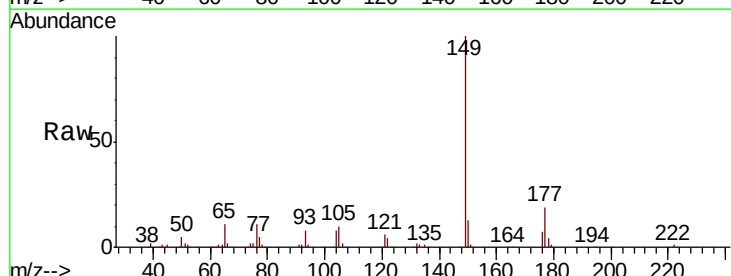


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

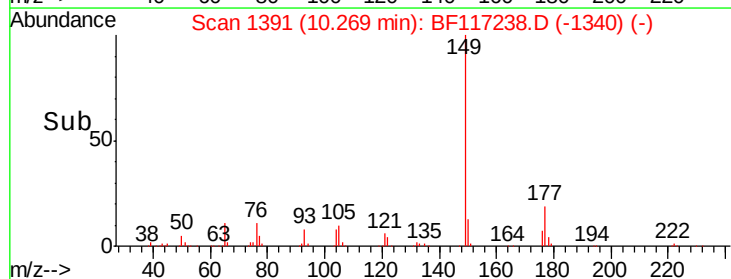
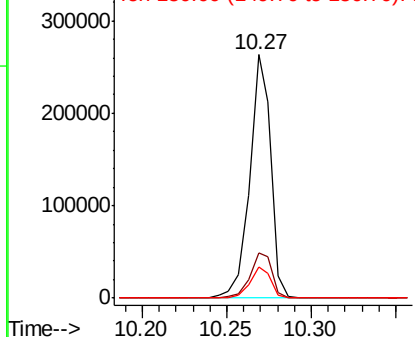


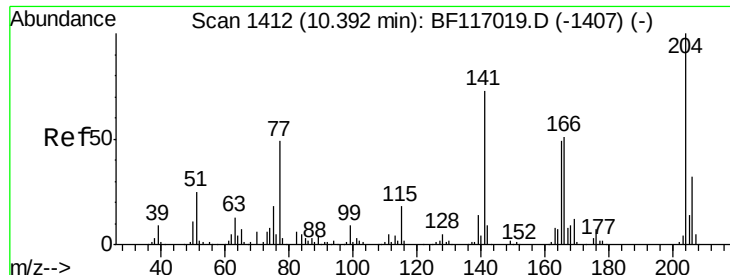
#60
 Diethylphthalate
 Concen: 40.983 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion:	149	Resp:	229650
Ion	Ratio	Lower	Upper
149	100		
177	18.8	15.2	22.8
150	12.6	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

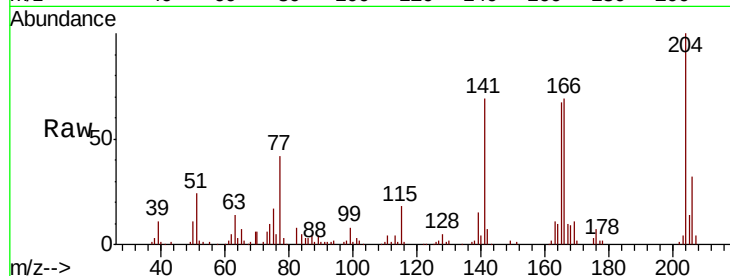




#61
4-Chlorophenyl-phenylether
Concen: 41.987 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	68.8	58.2	87.2

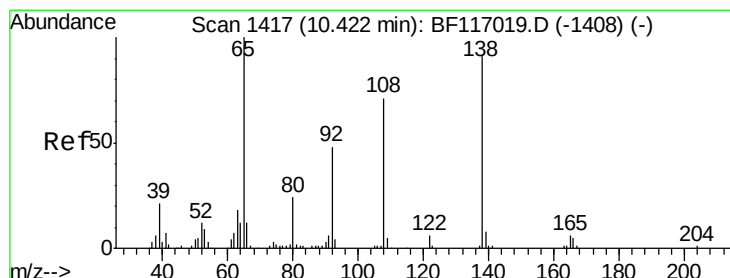
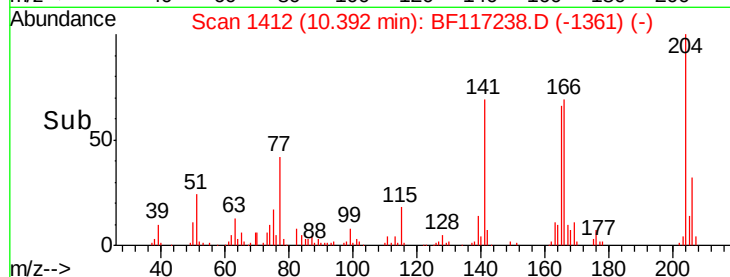
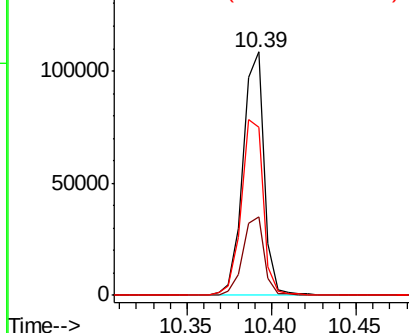


Abundance

Ion 204.00 (203.70 to 204.70): E

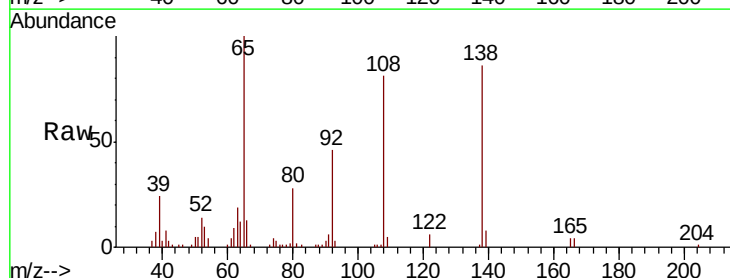
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.045 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	32.9	72.9
108	93.9	58.3	98.3

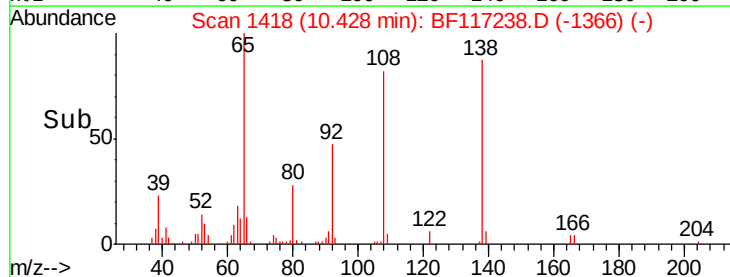
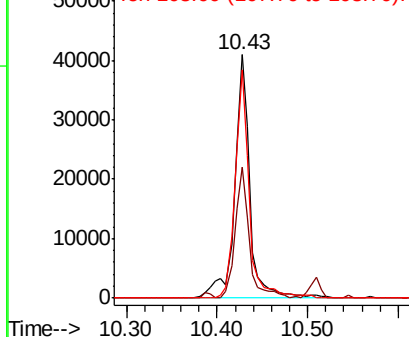


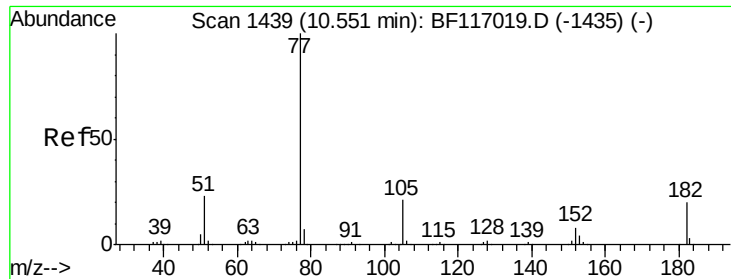
Abundance

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: 41.743 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 238896

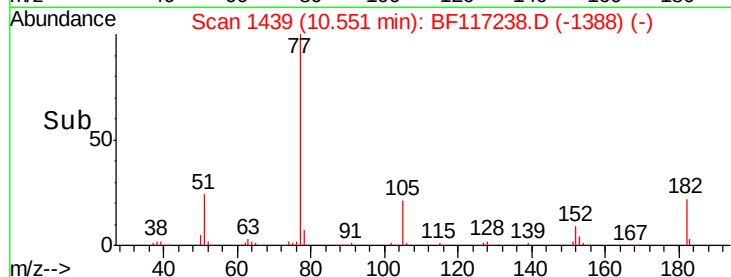
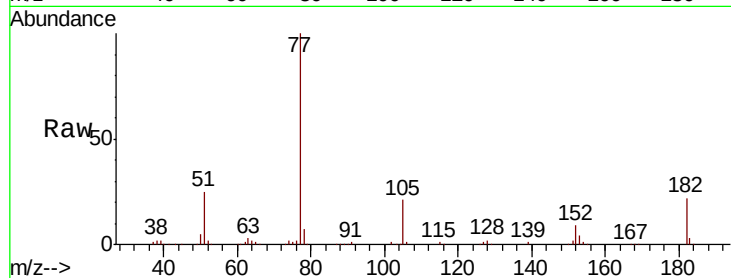
Ion Ratio Lower Upper

77 100

182 21.8 0.4 40.4

105 20.9 0.9 40.9

51 24.6 2.8 42.8

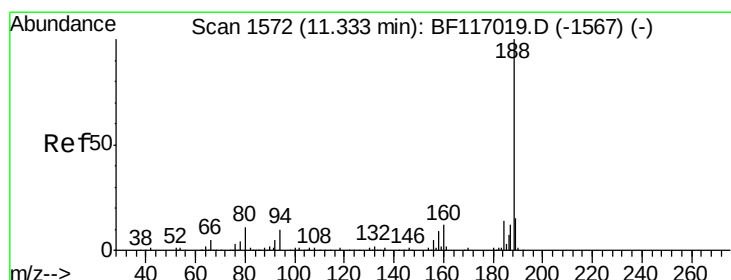
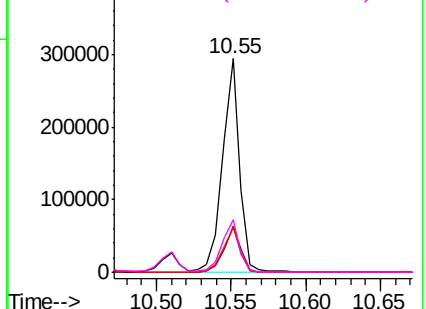


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF117238.D

Acq: 25 Sep 2019 14:02

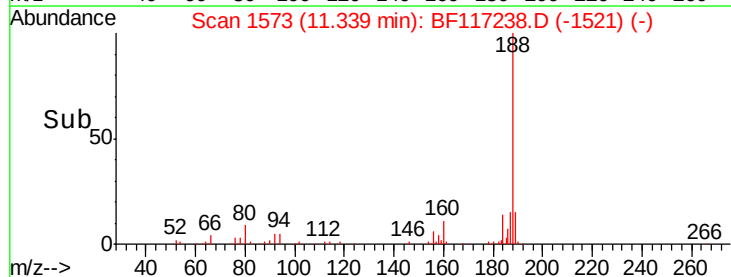
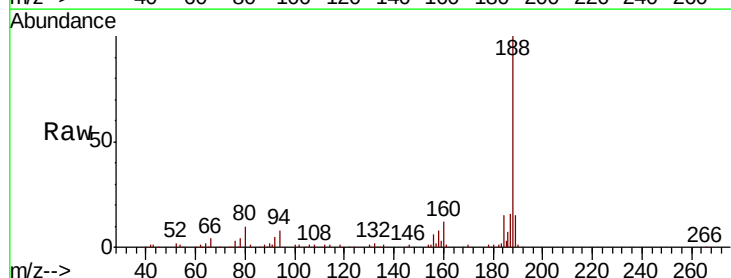
Tgt Ion: 188 Resp: 122492

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

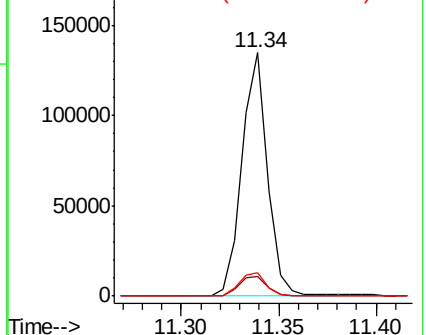
80 9.6 9.0 13.6

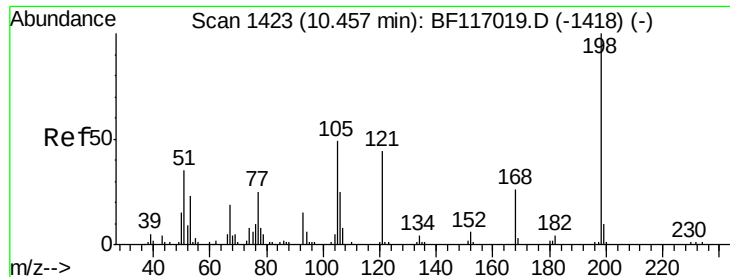


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

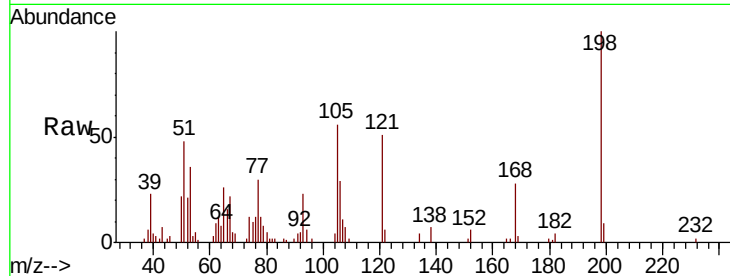




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.703 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	198	Resp	19426
Ion Ratio	100	Lower	Upper
51	48.3	18.7	58.7
105	56.0	30.2	70.2

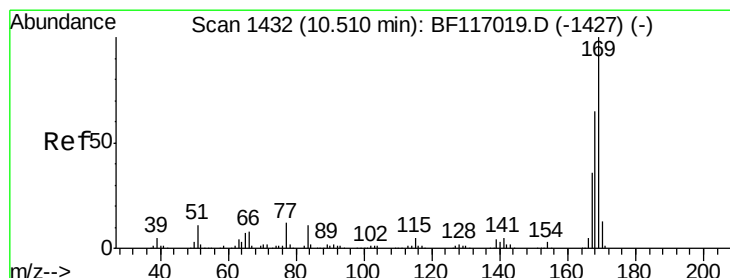
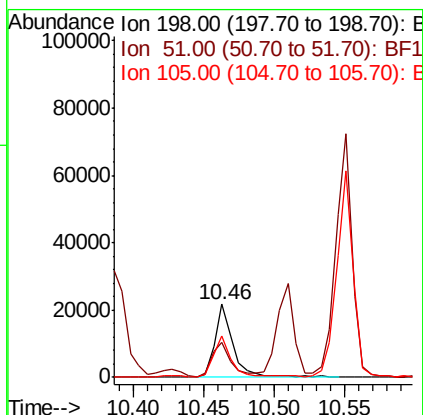
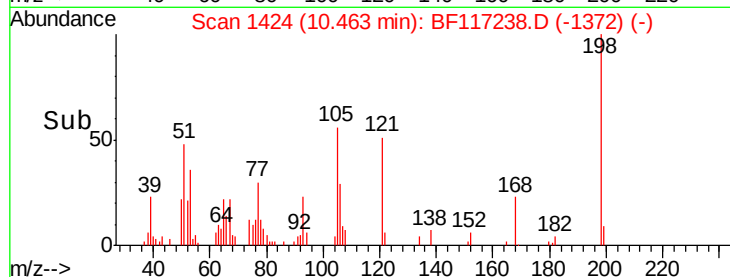


Abundance

Ion 198.00 (197.70 to 198.70): E

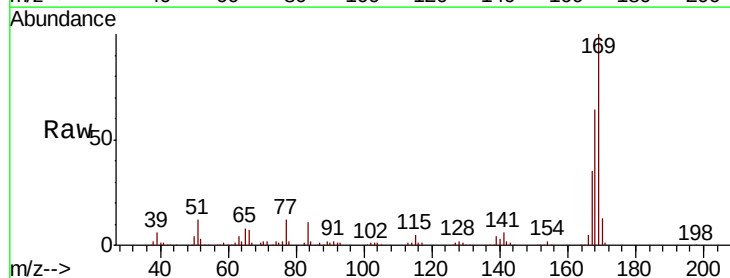
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 44.503 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	169	Resp	188263
Ion Ratio	100	Lower	Upper
168	64.0	52.2	78.2
167	34.9	28.8	43.2

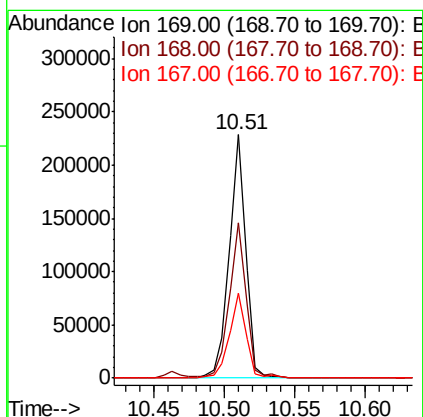
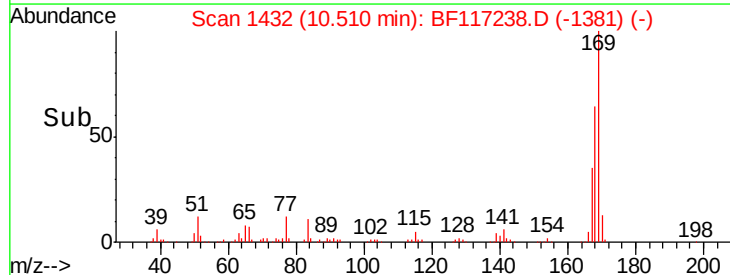


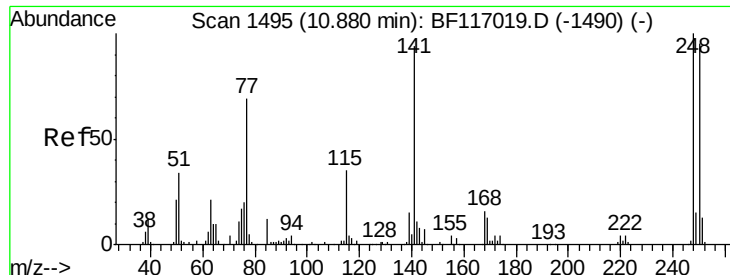
Abundance

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

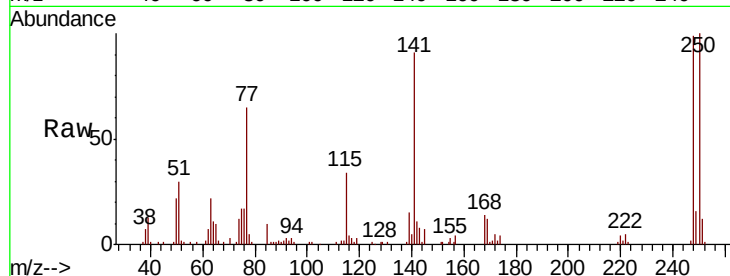




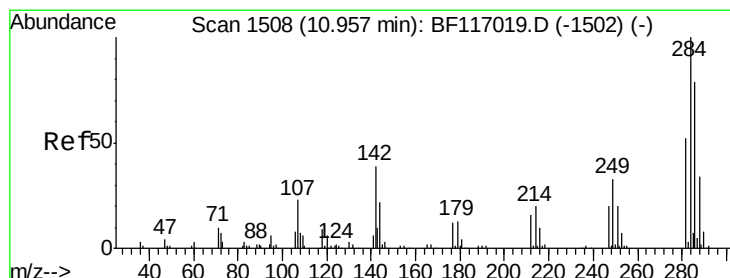
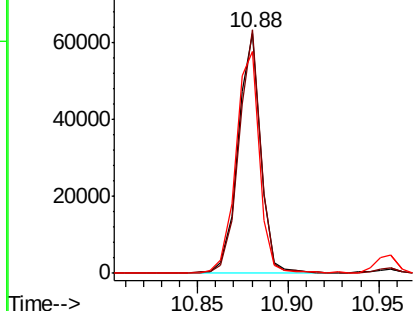
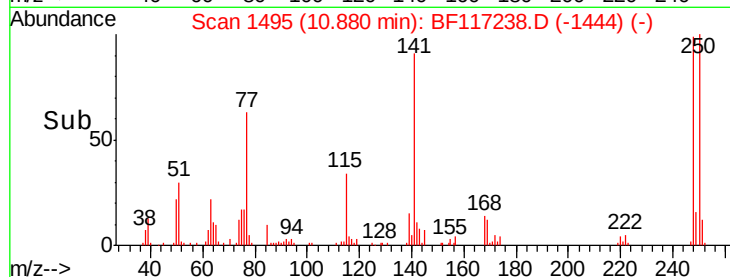
#67
 4-Bromophenyl-phenylether
 Concen: 43.226 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 54073
 Ion Ratio Lower Upper
 248 100
 250 101.5 76.2 114.4
 141 92.3 75.0 112.4

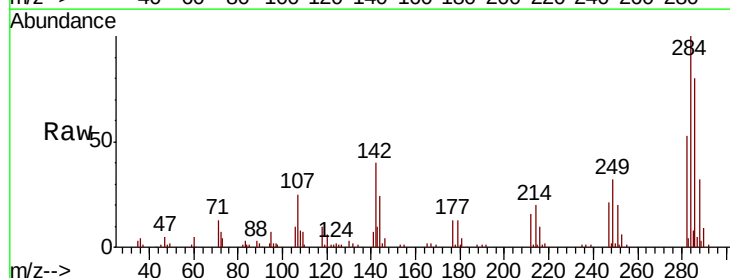


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

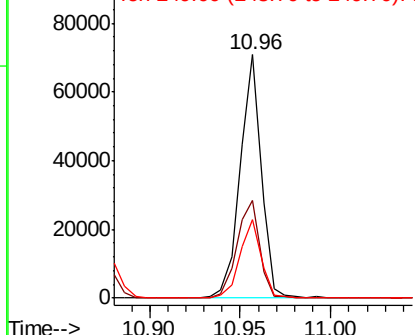
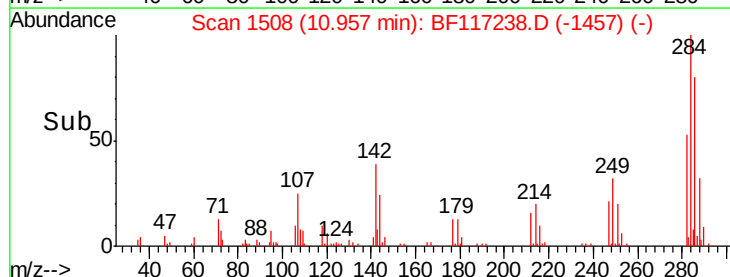


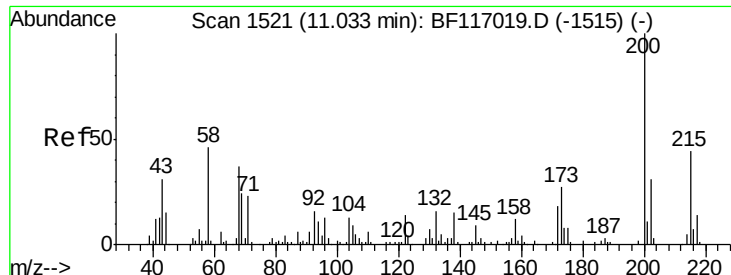
#68
 Hexachlorobenzene
 Concen: 41.888 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion:284 Resp: 57312
 Ion Ratio Lower Upper
 284 100
 142 39.9 31.4 47.2
 249 32.3 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: 46.798 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampled :

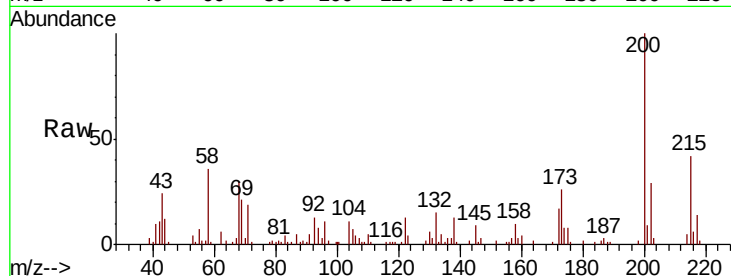
Tot Ion:200 Resp: 48733

Ion Ratio Lower Upper

200 100

173 25.8 6.9 46.9

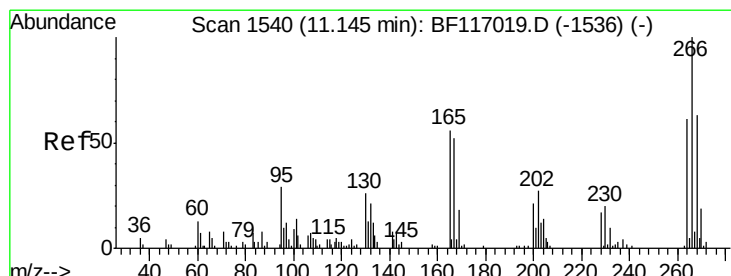
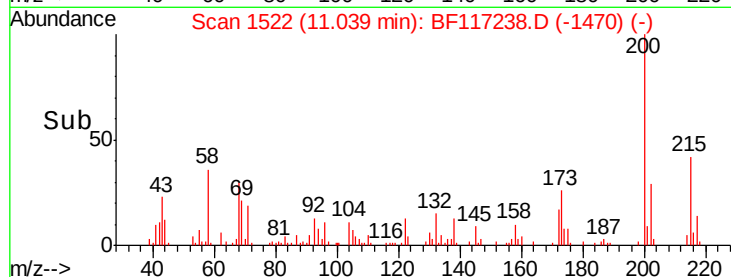
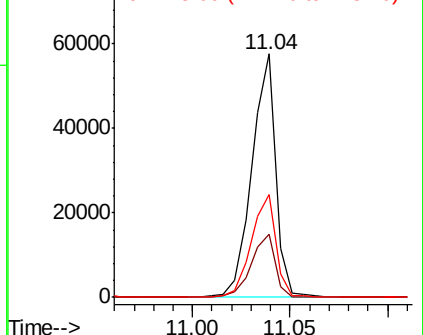
215 42.1 23.8 63.8



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: 73.311 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

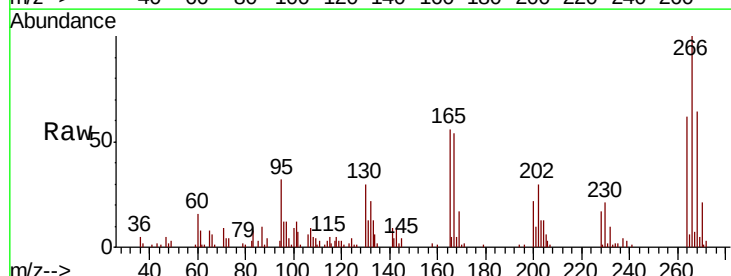
Tgt Ion:266 Resp: 47018

Ion Ratio Lower Upper

266 100

268 64.4 50.5 75.7

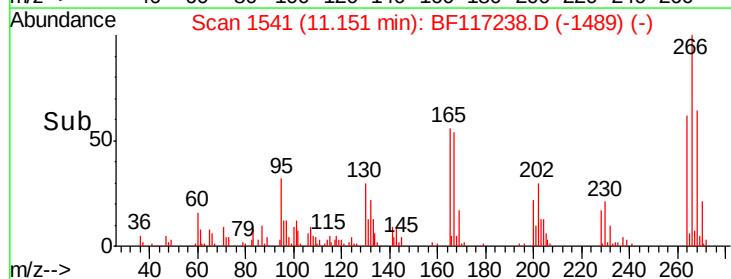
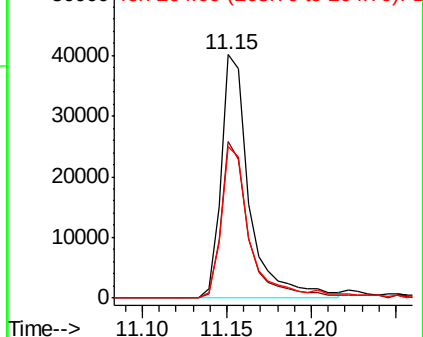
264 62.4 48.8 73.2

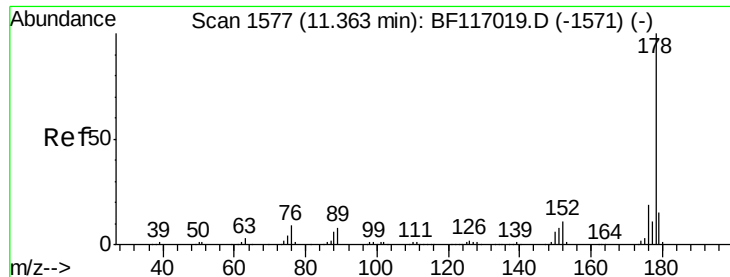


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.947 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampled :

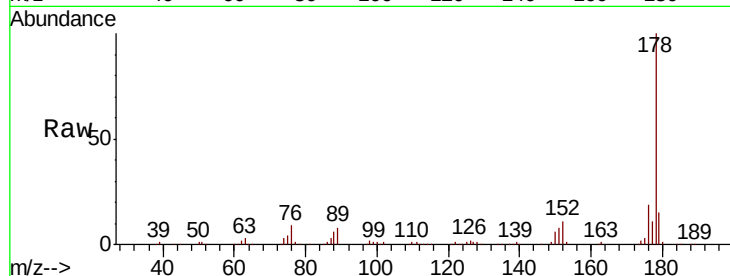
Tot Ion:178 Resp: 291846

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.4	12.4	18.6

178 100

176 18.6 15.4 23.2

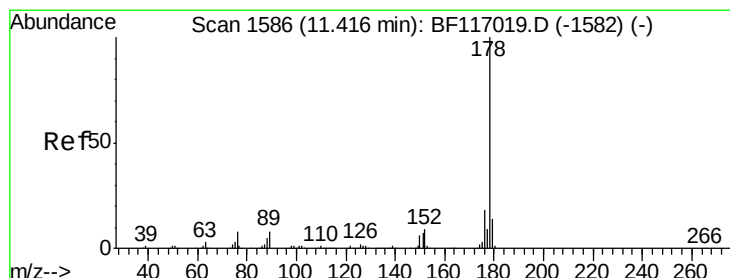
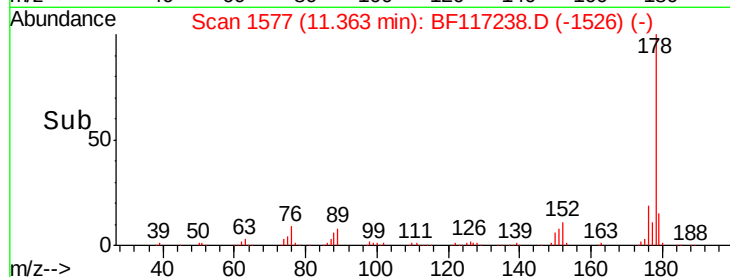
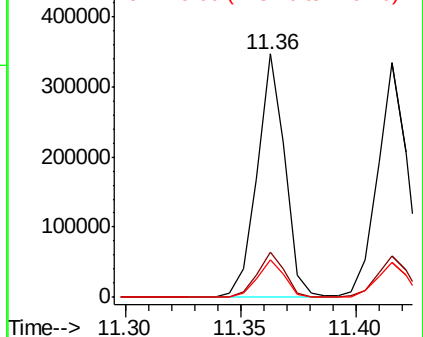
179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.160 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

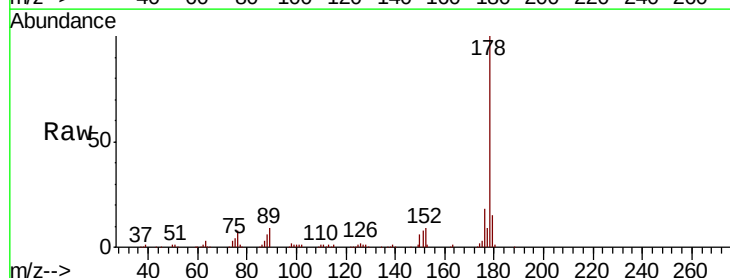
Tgt Ion:178 Resp: 299466

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.0	11.6	17.4

178 100

176 17.9 14.6 21.8

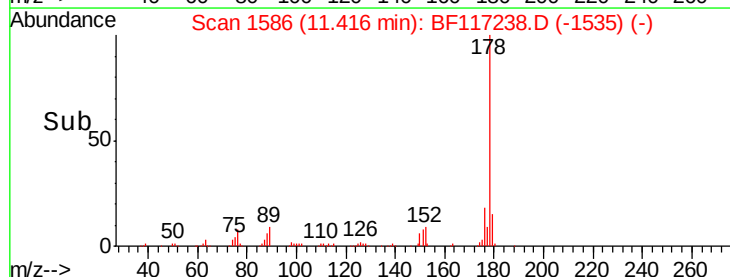
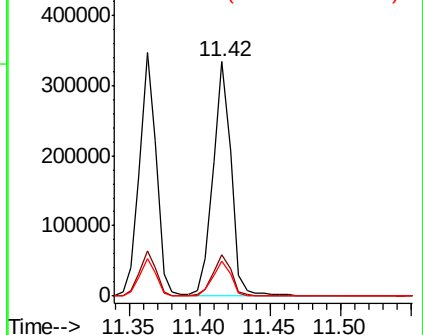
179 15.0 11.6 17.4

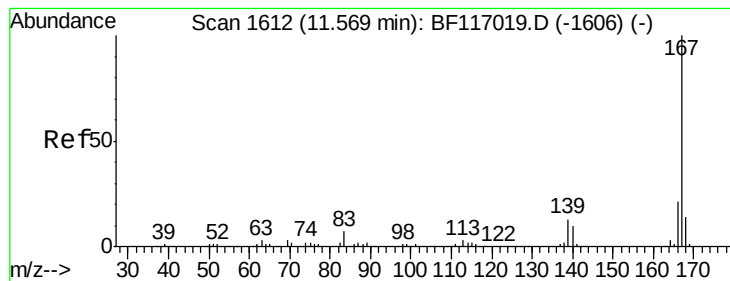


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.480 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

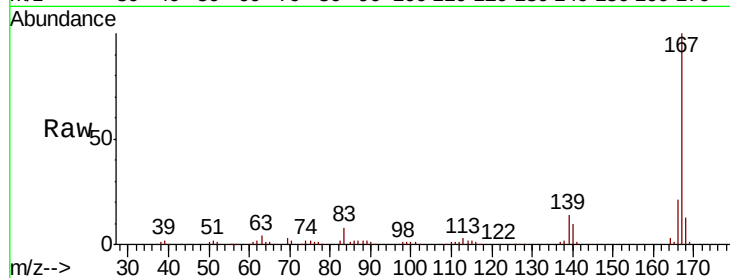
Tot Ion:167 Resp: 252700

Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

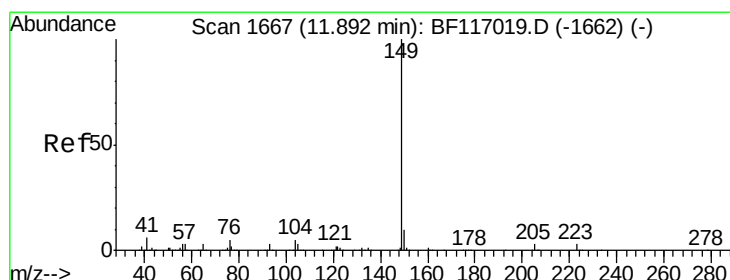
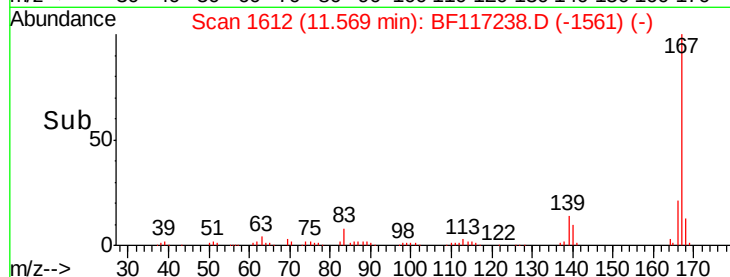
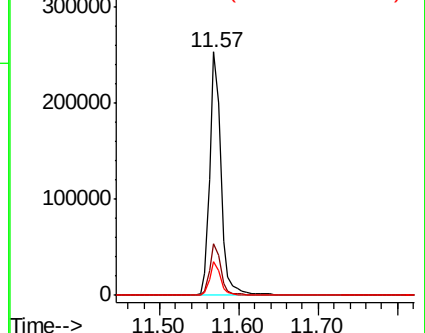
139 13.8 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.609 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

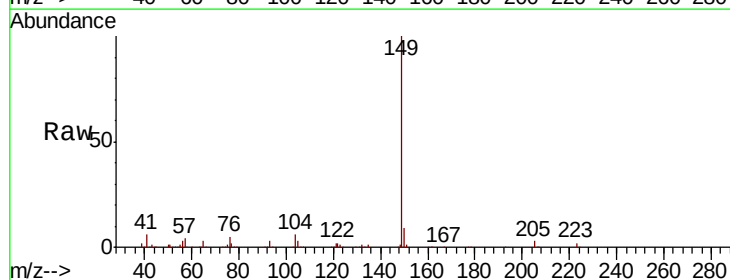
Tgt Ion:149 Resp: 349827

Ion Ratio Lower Upper

149 100

150 8.7 7.7 11.5

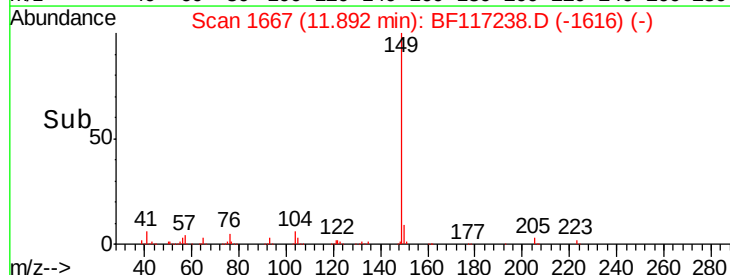
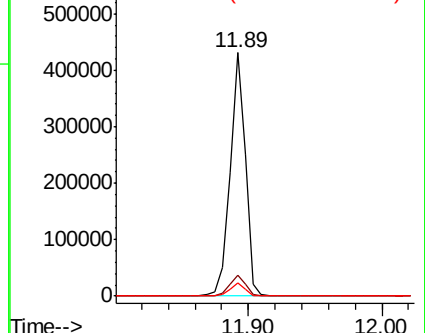
104 5.6 4.2 6.4

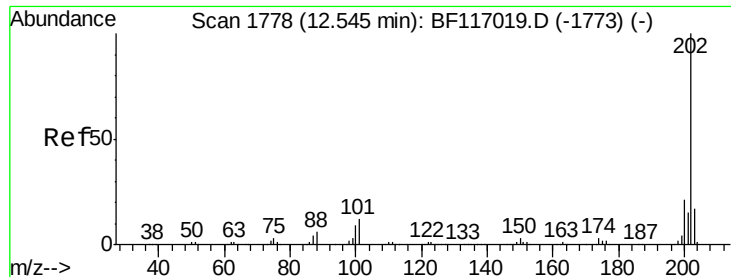


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

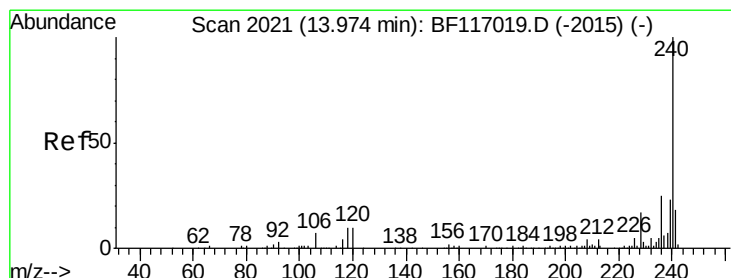
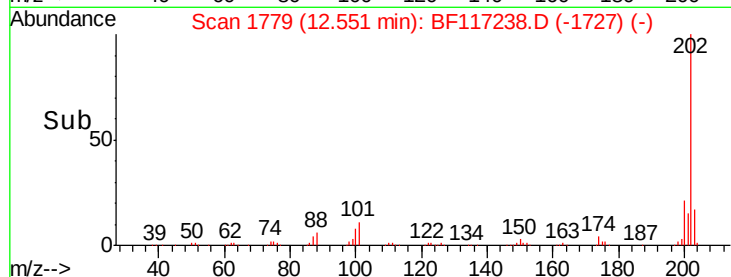
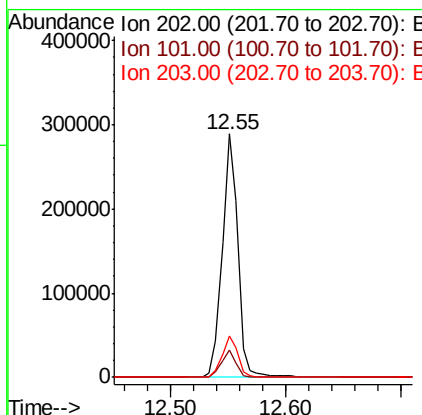
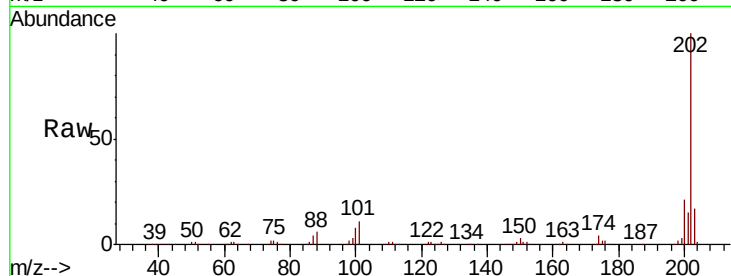




#75
 Fluoranthene
 Concen: 37.998 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

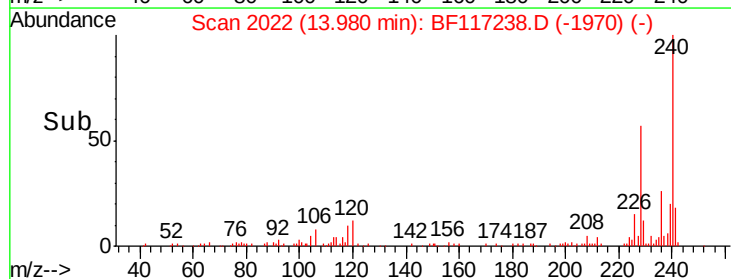
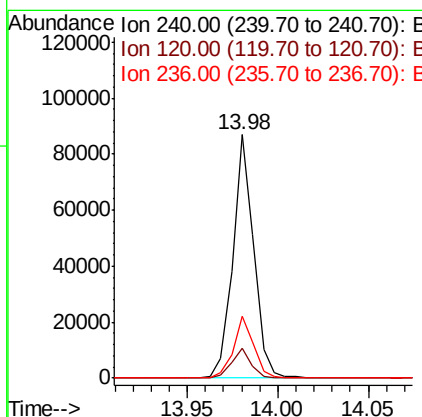
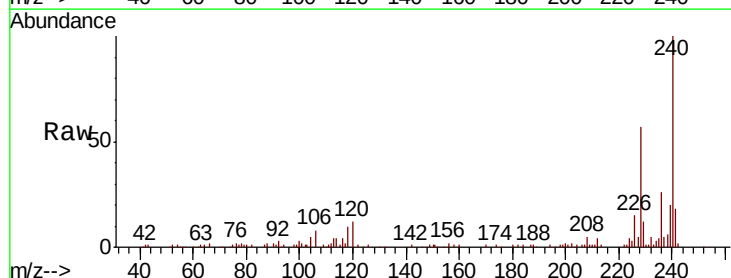
Instrument :
 BNA_F
 ClientSampleId :

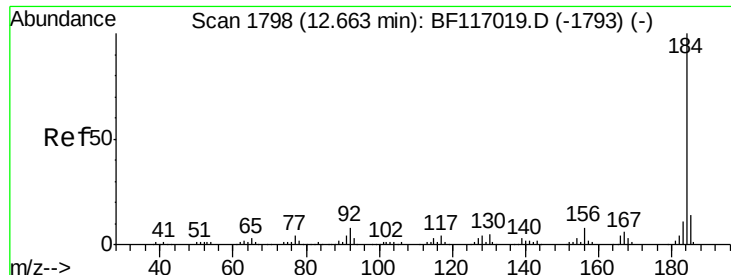
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.3
203	16.8	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	25.5	20.3	30.5

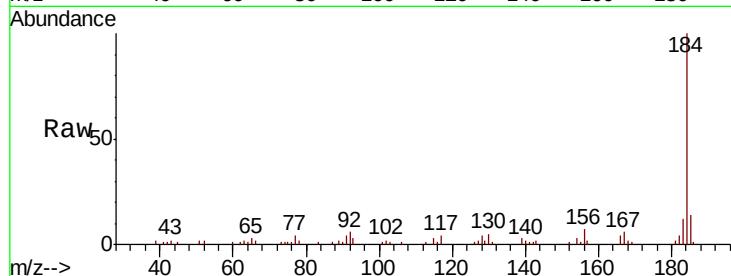




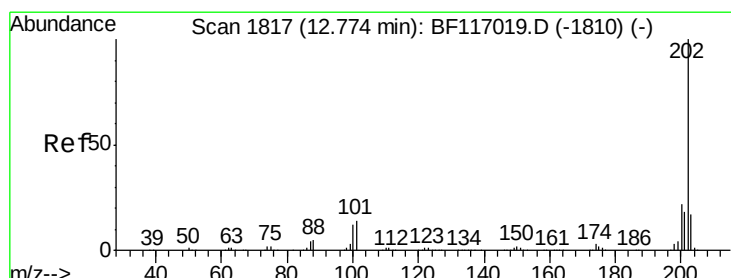
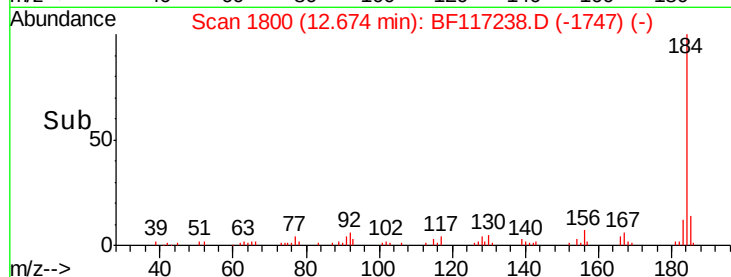
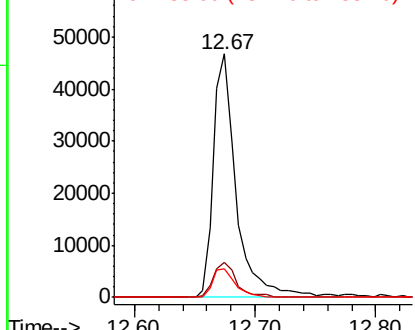
#77
Benzidine
Concen: 26.993 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 60866
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.8 9.0 13.4

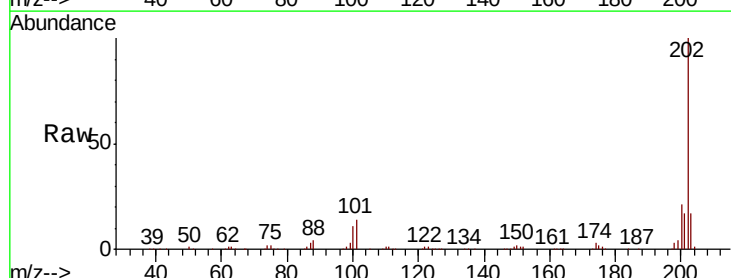


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

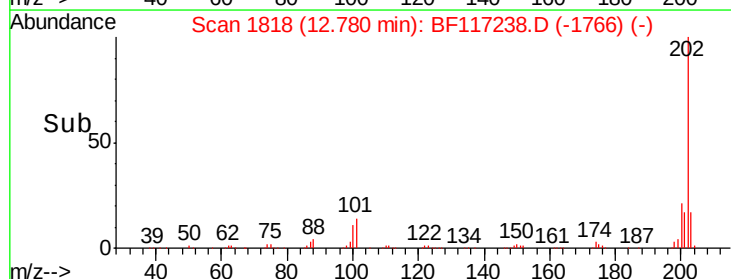
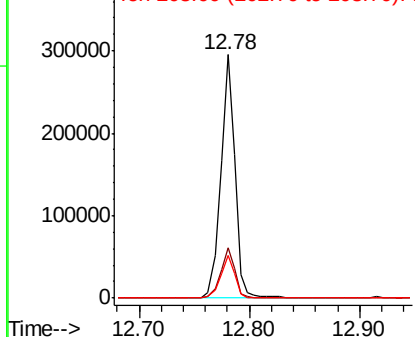


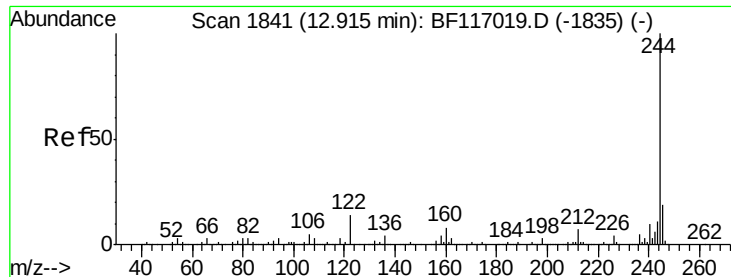
#78
Pyrene
Concen: 44.842 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion:202 Resp: 263385
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.5 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

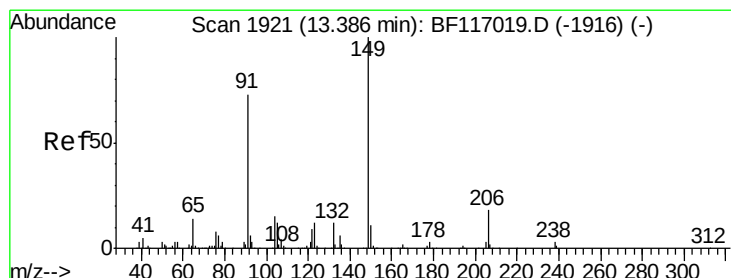
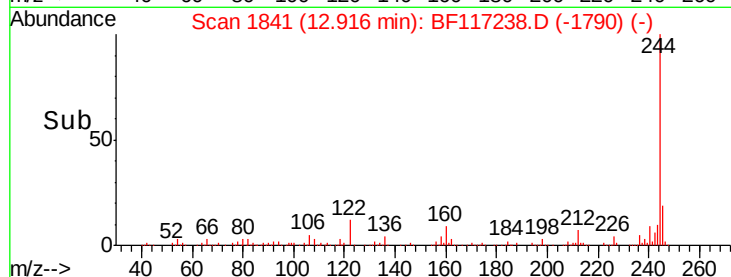
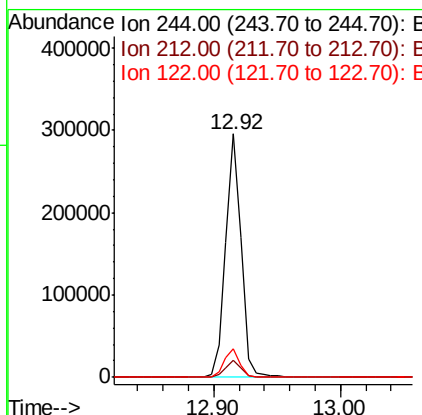
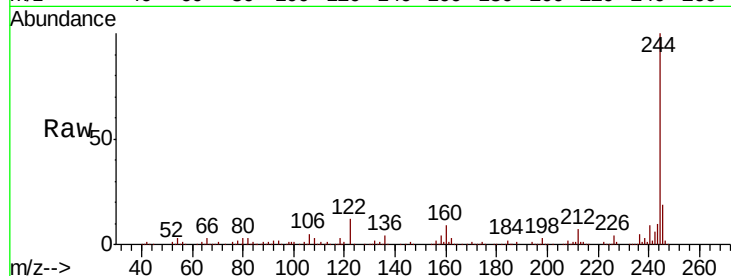




#79
 Terphenyl-d14
 Concen: 66.999 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

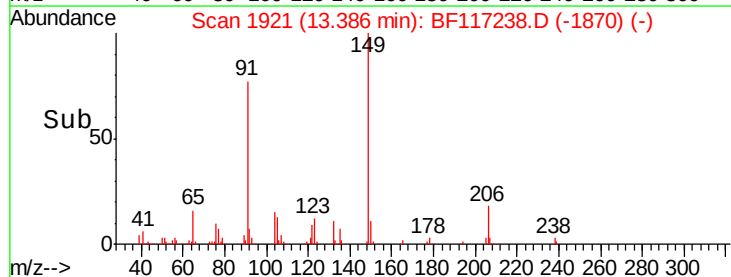
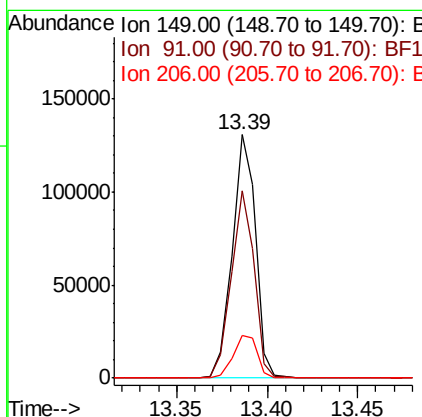
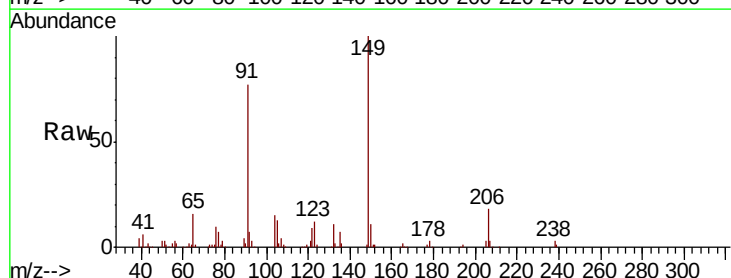
Instrument :
 BNA_F
 ClientSampleId :

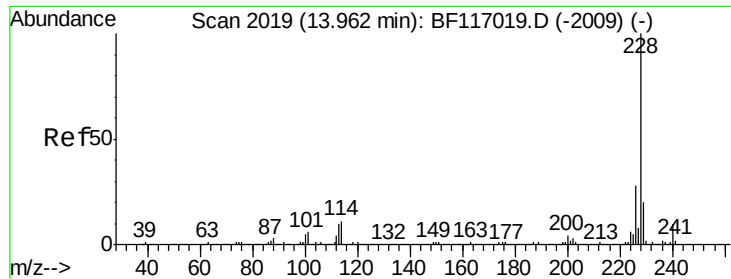
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.8	11.3	16.9



#80
 Butylbenzylphthalate
 Concen: 42.311 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.9	58.8	88.2
206	17.5	14.1	21.1

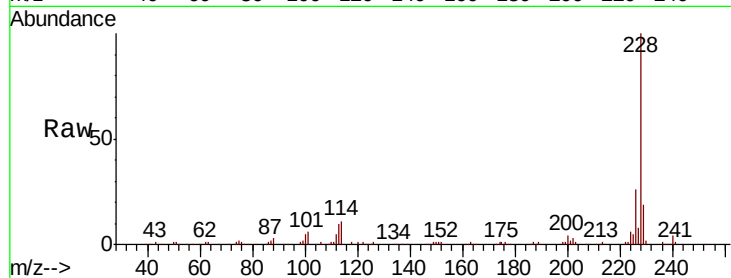




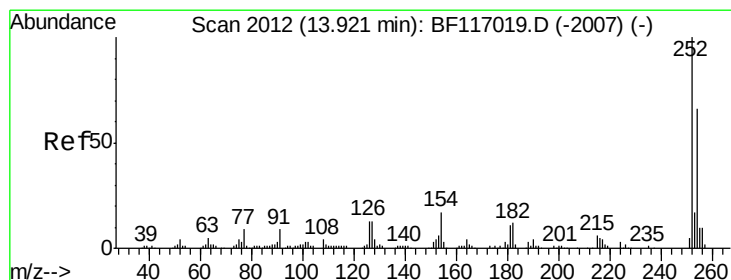
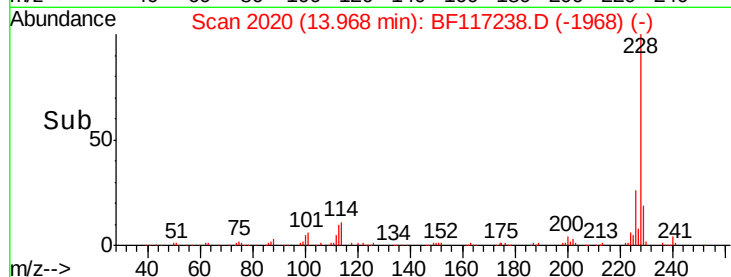
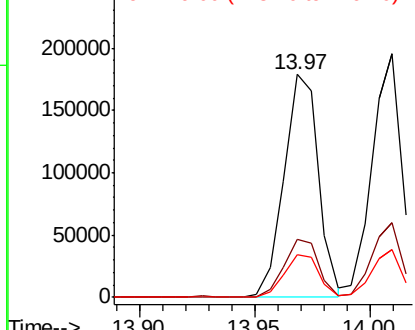
#81
Benzo(a)anthracene
Concen: 39.386 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 184201
Ion Ratio Lower Upper
228 100
226 26.0 22.3 33.5
229 19.4 15.9 23.9

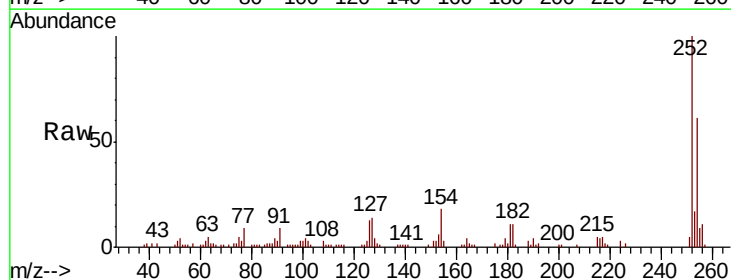


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

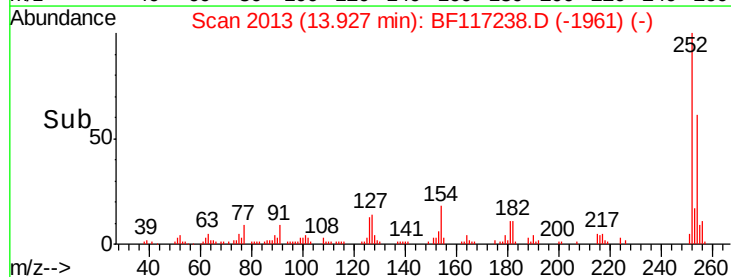
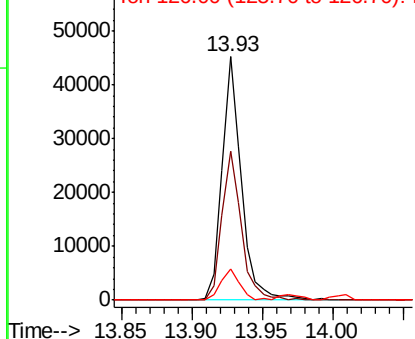


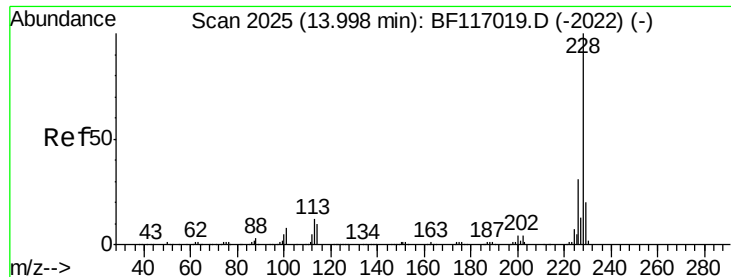
#82
3,3'-Dichlorobenzidine
Concen: 28.556 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion:252 Resp: 43037
Ion Ratio Lower Upper
252 100
254 61.1 52.6 79.0
126 12.7 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

Chrysene

Concen: 39.180 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

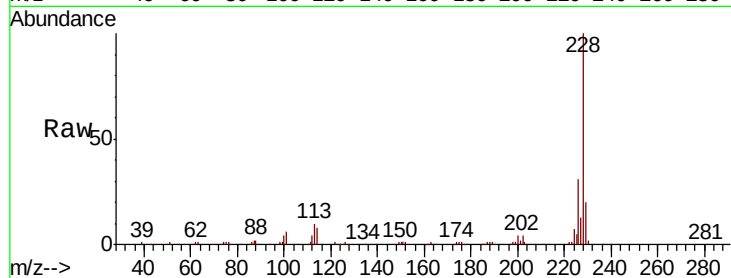
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 178719

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	19.7	15.8	23.8

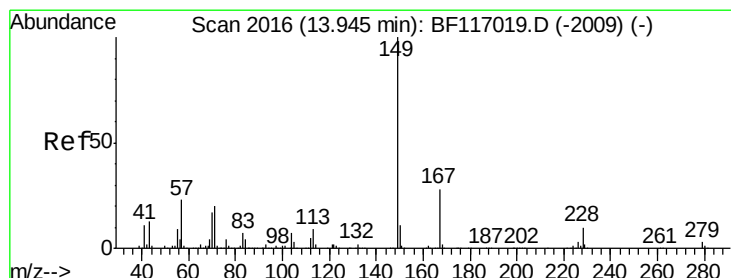
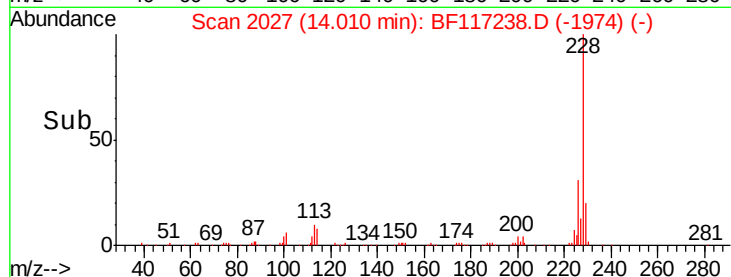
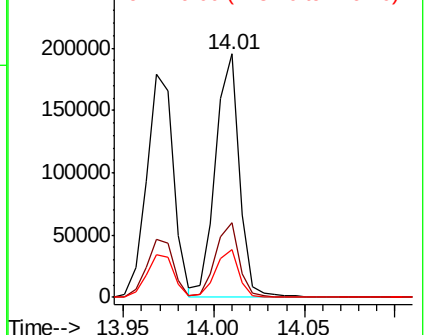


Abundance

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: 47.276 ng

RT: 13.95 min Scan# 2017

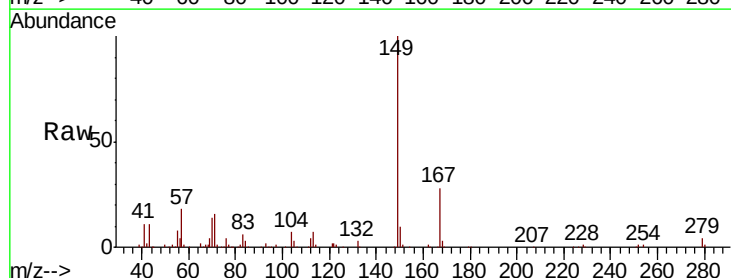
Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:149 Resp: 169176

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.2
279	3.6	2.8	4.2

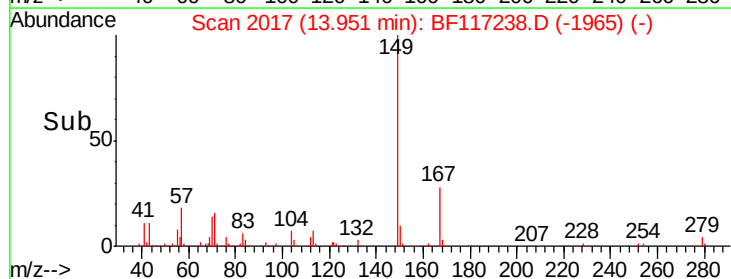
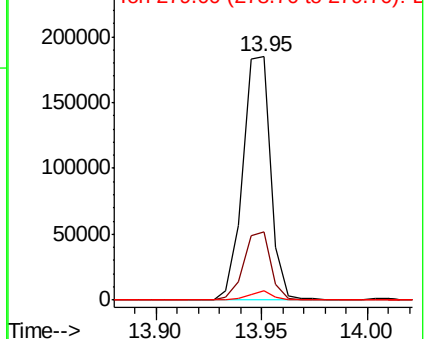


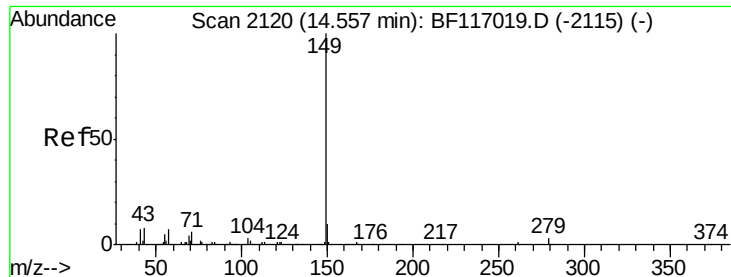
Abundance

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

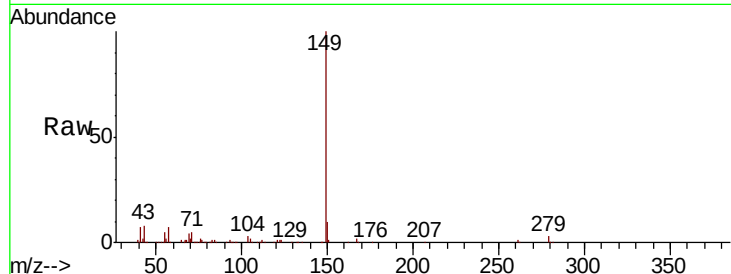




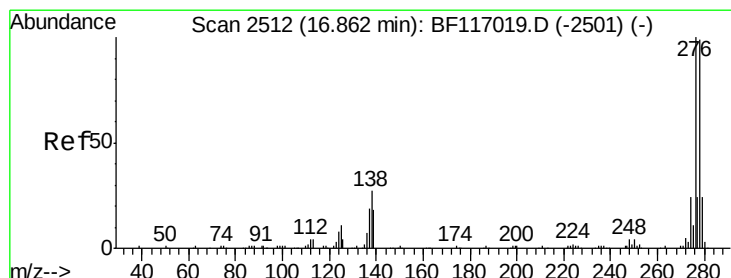
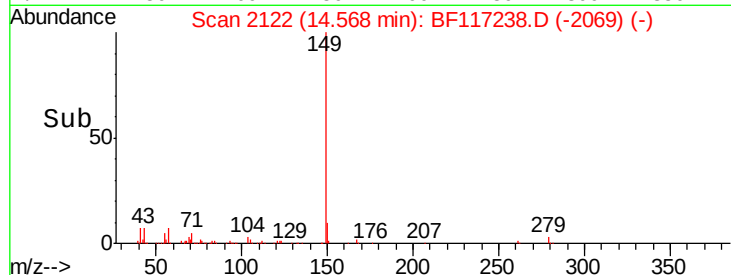
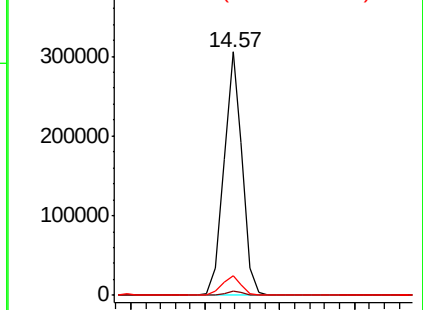
#85
Di-n-octyl phthalate
Concen: 46.699 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 263022
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.8 6.2 9.4

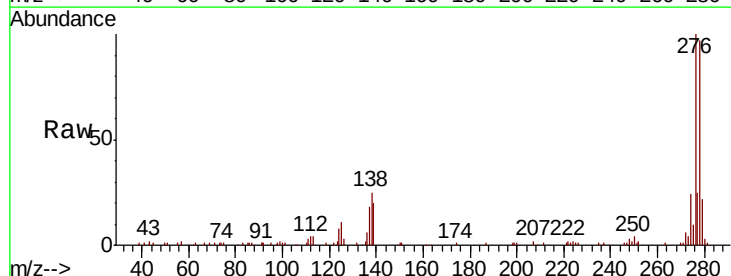


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

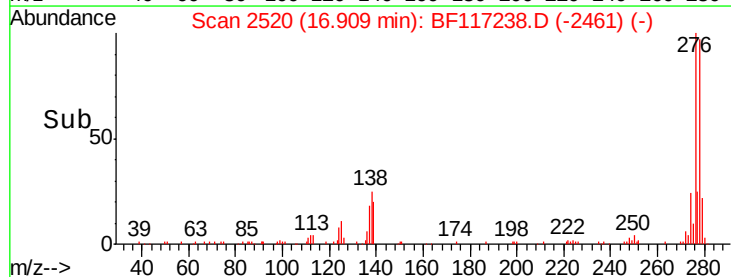
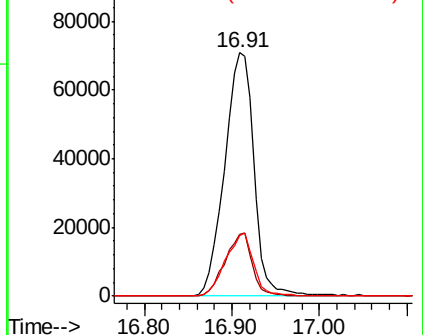


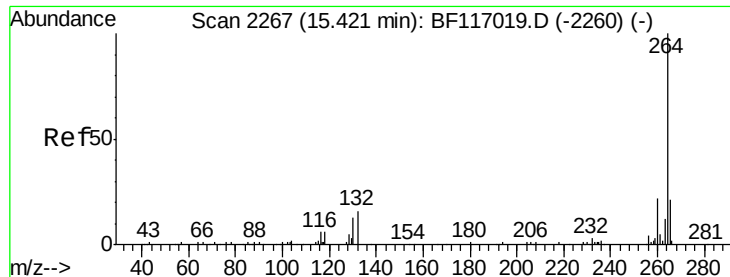
#86
Indeno(1,2,3-cd)pyrene
Concen: 48.855 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.05 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion:276 Resp: 162581
Ion Ratio Lower Upper
276 100
138 23.8 20.7 31.1
277 24.4 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

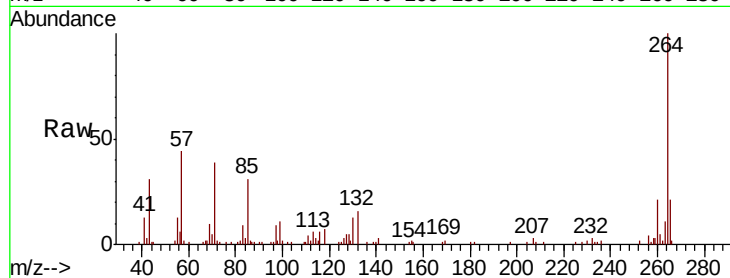




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.02 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.6	26.4
265	21.1	16.6	24.8

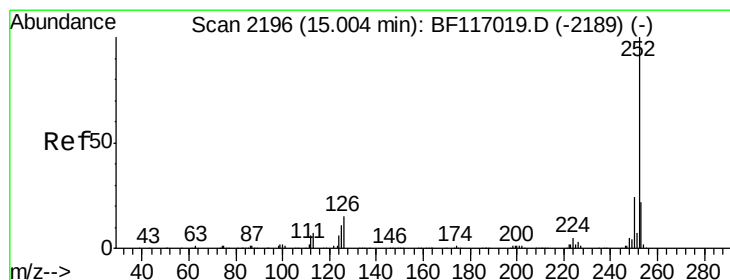
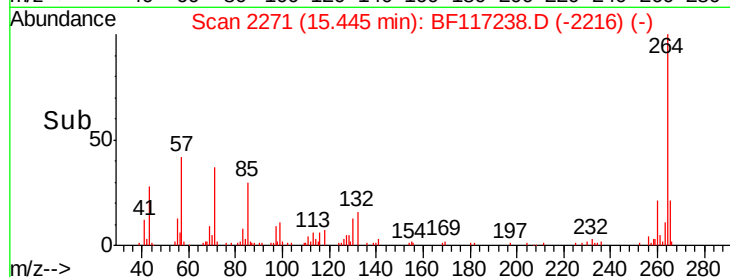
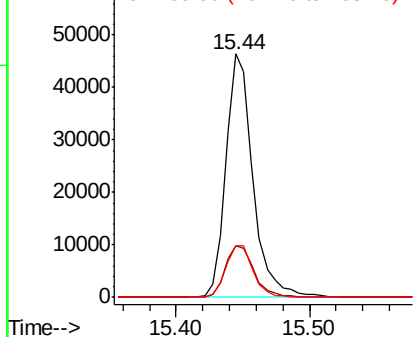


Abundance

Ion 264.00 (263.70 to 264.70): E

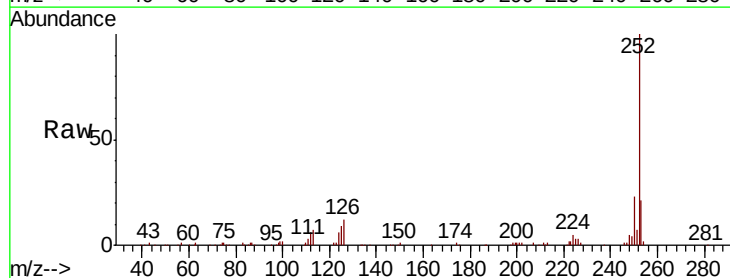
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 37.963 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.0	8.6	12.8

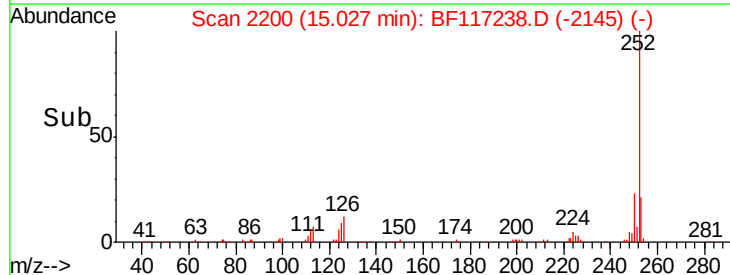
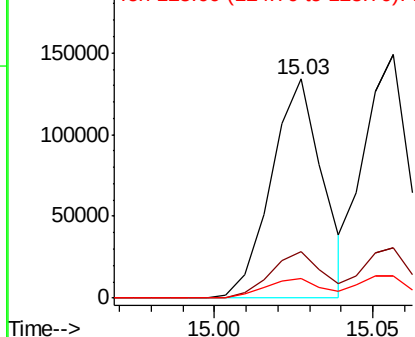


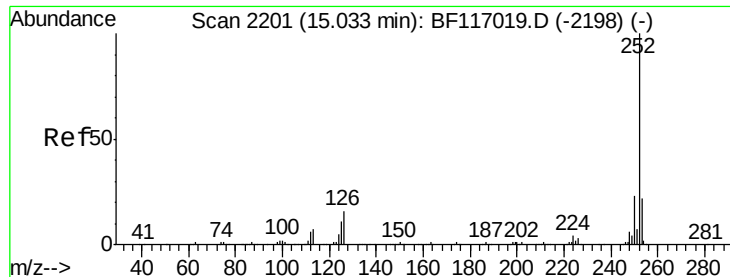
Abundance

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

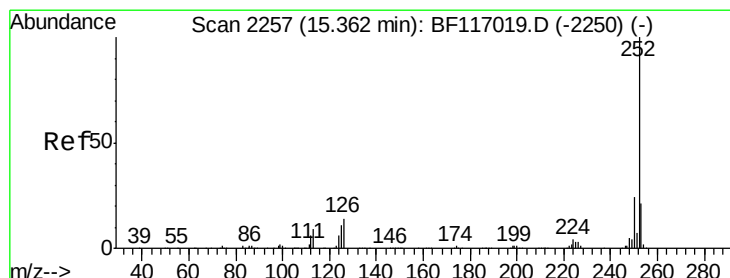
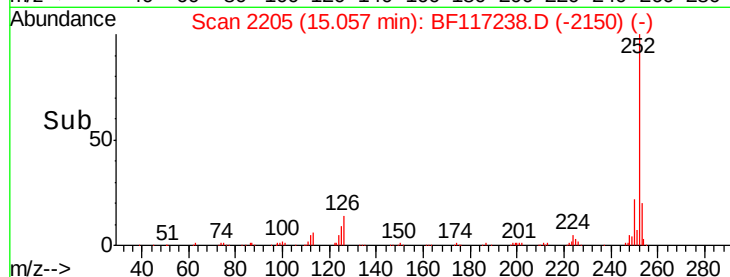
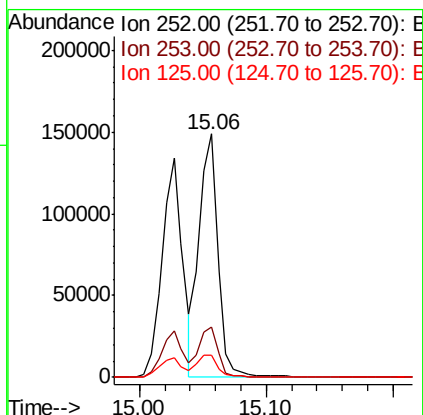
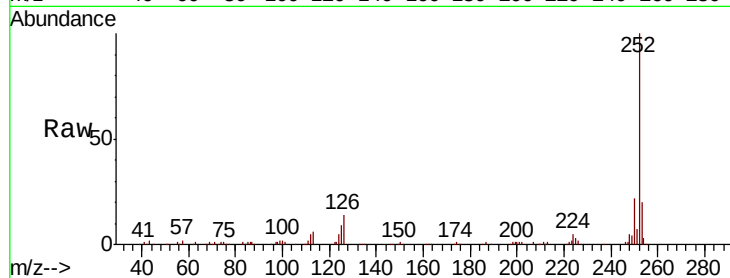




#89
Benzo(k)fluoranthene
Concen: 40.663 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

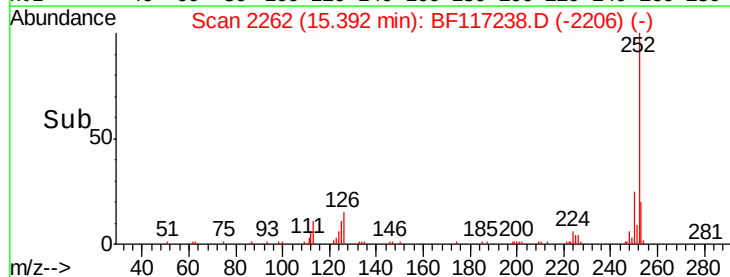
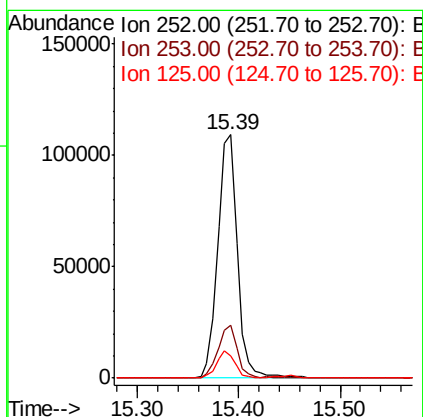
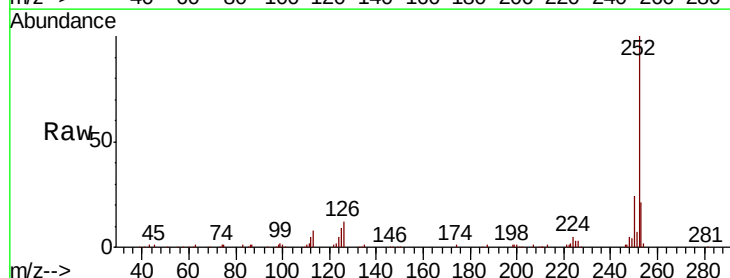
Instrument :
BNA_F
ClientSampleId :

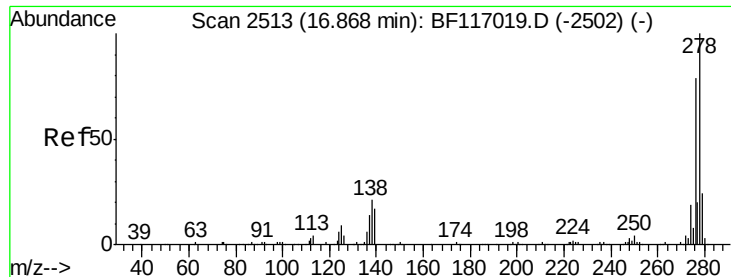
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.4	26.2
125	8.9	8.8	13.2



#90
Benzo(a)pyrene
Concen: 42.092 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.03 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.6	25.0
125	9.4	8.9	13.3



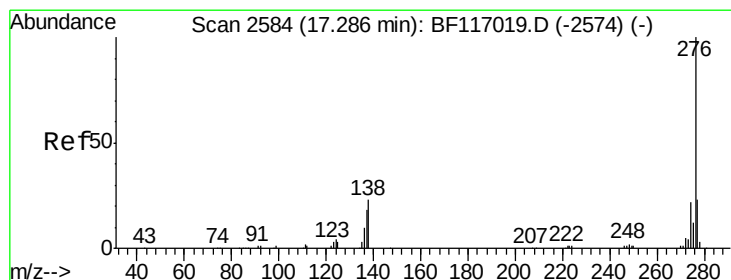
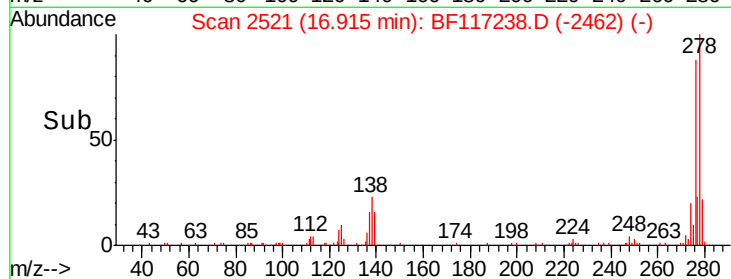
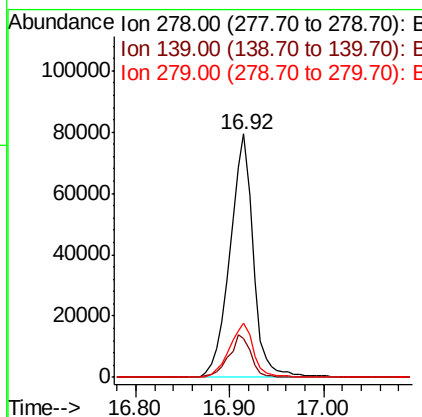
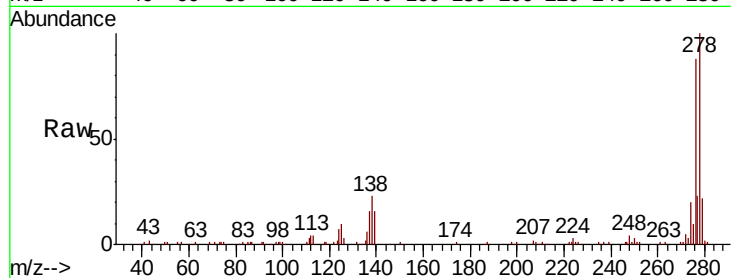


#91
Dibenzo(a,h)anthracene
Concen: 49.043 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.05 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 136870

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.5	20.3
279	22.3	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 45.951 ng
RT: 17.34 min Scan# 2594
Delta R.T. 0.06 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion:276 Resp: 127789

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	27.8
138	19.8	18.0	27.0

