

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117236.D
 Acq On : 25 Sep 2019 12:53
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:26:45 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	42874	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	172801	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	89013	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	139993	20.00	ng	0.00
76) Chrysene-d12	13.99	240	81729	20.00	ng	0.01
87) Perylene-d12	15.45	264	64680	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	206718	75.28	ng	0.00
7) Phenol-d6	6.46	99	272495	76.78	ng	0.00
23) Nitrobenzene-d5	7.39	82	265982	80.88	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	58946	79.23	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	467000	82.03	ng	0.00
79) Terphenyl-d14	12.92	244	412177	94.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	38063	33.124	ng	96
3) Pyridine	3.30	79	106209	33.768	ng	98
4) n-Nitrosodimethylamine	3.26	42	43909	40.680	ng	# 76
6) Aniline	6.49	93	168682	36.916	ng	93
8) 2-Chlorophenol	6.61	128	113652	38.363	ng	98
9) Benzaldehyde	6.37	77	74265	42.460	ng	96
10) Phenol	6.48	94	147294	37.647	ng	# 73
11) bis(2-Chloroethyl)ether	6.56	93	106791	37.138	ng	99
12) 1,3-Dichlorobenzene	6.76	146	124535	37.461	ng	99
13) 1,4-Dichlorobenzene	6.83	146	129313	38.116	ng	98
14) 1,2-Dichlorobenzene	6.99	146	122443	38.765	ng	98
15) Benzyl Alcohol	6.97	79	105986	38.943	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	101275	35.648	ng	88
17) 2-Methylphenol	7.08	107	94935	38.236	ng	92
18) Hexachloroethane	7.33	117	51516	39.472	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	83571	38.671	ng	98
20) 3+4-Methylphenols	7.23	107	122323	39.552	ng	98
22) Acetophenone	7.23	105	174484	39.743	ng	98
24) Nitrobenzene	7.40	77	128935	39.699	ng	98
25) Isophorone	7.65	82	223741	38.423	ng	99
26) 2-Nitrophenol	7.72	139	56144	40.245	ng	97
27) 2,4-Dimethylphenol	7.76	122	87658	39.624	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	135999	37.907	ng	99
29) 2,4-Dichlorophenol	7.97	162	88135	38.021	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	97945	39.110	ng	99
31) Naphthalene	8.12	128	326678	39.308	ng	100
32) Benzoic acid	7.91	122	51380	33.127	ng	97
33) 4-Chloroaniline	8.17	127	137577	37.324	ng	100
34) Hexachlorobutadiene	8.24	225	57908	40.756	ng	97
35) Caprolactam	8.56	113	22394	28.542	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	103150	38.163	ng	97
37) 2-Methylnaphthalene	8.82	142	219687	39.256	ng	99
38) 1-Methylnaphthalene	8.92	142	206575	39.412	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	90282	39.278	ng	99

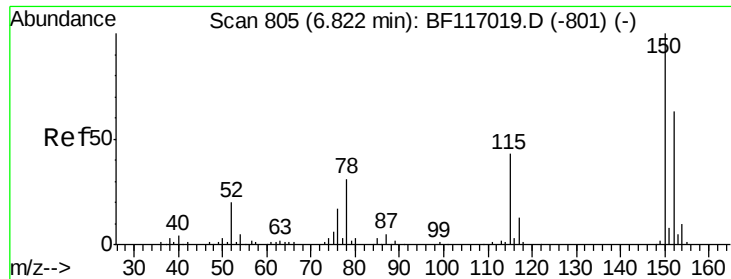
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	35412	39.282	ng	96
43) 2,4,6-Trichlorophenol	9.10	196	59113	37.896	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	60882	36.531	ng	97
46) 1,1'-Biphenyl	9.27	154	270155	38.692	ng	99
47) 2-Chloronaphthalene	9.30	162	209637	38.044	ng	100
48) 2-Nitroaniline	9.40	65	68436	38.720	ng	96
49) Acenaphthylene	9.72	152	310656	37.633	ng	98
50) Dimethylphthalate	9.57	163	232394	36.873	ng	99
51) 2,6-Dinitrotoluene	9.65	165	49409	38.492	ng	94
52) Acenaphthene	9.89	154	186946	38.204	ng	98
53) 3-Nitroaniline	9.82	138	59801	36.924	ng	97
54) 2,4-Dinitrophenol	9.93	184	16471	35.478	ng	97
55) Dibenzofuran	10.06	168	277834	38.482	ng	100
56) 4-Nitrophenol	9.99	139	37031	35.279	ng	93
57) 2,4-Dinitrotoluene	10.05	165	67076	40.256	ng	# 88
58) Fluorene	10.40	166	226547	38.953	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	48192	37.787	ng	99
60) Diethylphthalate	10.27	149	233971	37.734	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	102228	40.626	ng	97
62) 4-Nitroaniline	10.43	138	59882	35.554	ng	92
63) Azobenzene	10.55	77	244818	38.658	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	23388	38.296	ng	89
66) n-Nitrosodiphenylamine	10.51	169	190627	39.428	ng	98
67) 4-Bromophenyl-phenylether	10.88	248	58156	40.678	ng	94
68) Hexachlorobenzene	10.96	284	61700	39.457	ng	# 93
69) Atrazine	11.04	200	44119	34.405	ng	99
70) Pentachlorophenol	11.16	266	31390	42.825	ng	96
71) Phenanthrene	11.37	178	307313	38.648	ng	98
72) Anthracene	11.42	178	313030	38.560	ng	98
73) Carbazole	11.57	167	284671	36.944	ng	99
74) Di-n-butylphthalate	11.89	149	355929	38.823	ng	99
75) Fluoranthene	12.56	202	296557	36.297	ng	96
77) Benzidine	12.67	184	93767	35.616	ng	98
78) Pyrene	12.79	202	299236	43.635	ng	98
80) Butylbenzylphthalate	13.39	149	129025	39.818	ng	95
81) Benzo(a)anthracene	13.97	228	206180	37.759	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	64284	36.534	ng	92
83) Chrysene	14.01	228	201234	37.786	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	157351	37.662	ng	99
85) Di-n-octyl phthalate	14.57	149	217645	33.098	ng	99
86) Indeno(1,2,3-cd)pyrene	16.91	276	154198	39.686	ng	97
88) Benzo(b)fluoranthene	15.03	252	144184	36.801	ng	98
89) Benzo(k)fluoranthene	15.06	252	152053	40.970	ng	97
90) Benzo(a)pyrene	15.39	252	133086	38.710	ng	98
91) Dibenzo(a,h)anthracene	16.92	278	124960	45.625	ng	97
92) Benzo(g,h,i)perylene	17.35	276	120827	44.271	ng	95

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

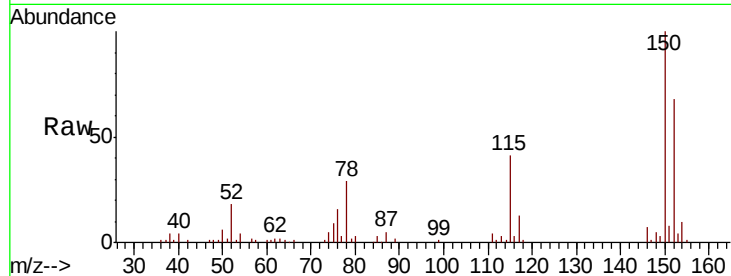


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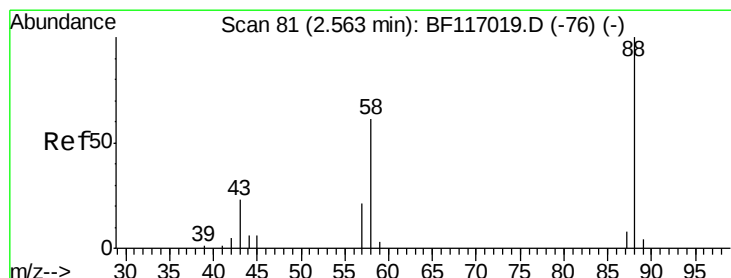
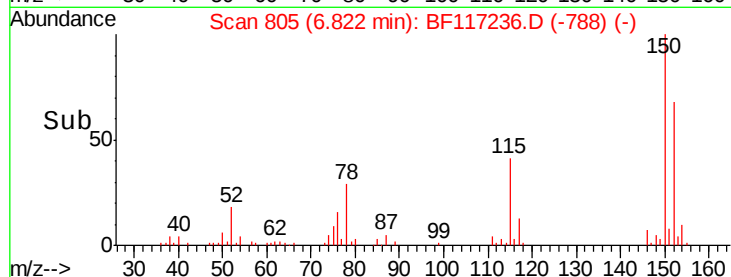
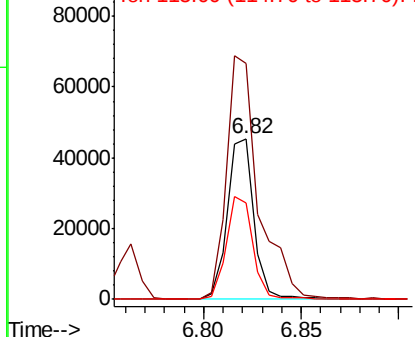
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 42874
Ion Ratio Lower Upper
152 100
150 146.6 127.5 191.3
115 60.3 55.0 82.4



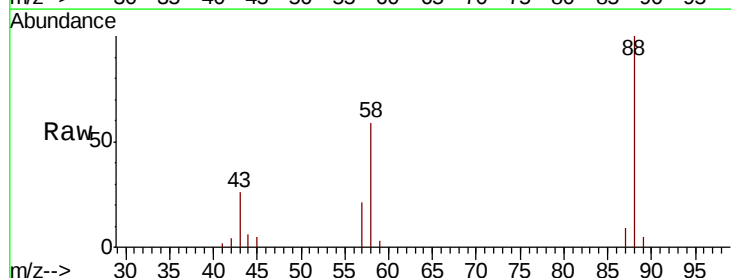
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



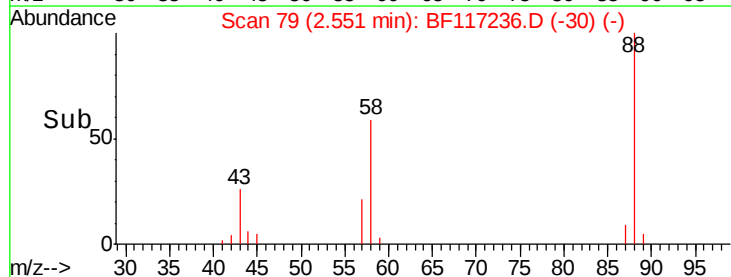
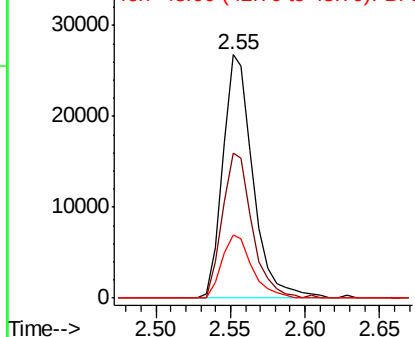
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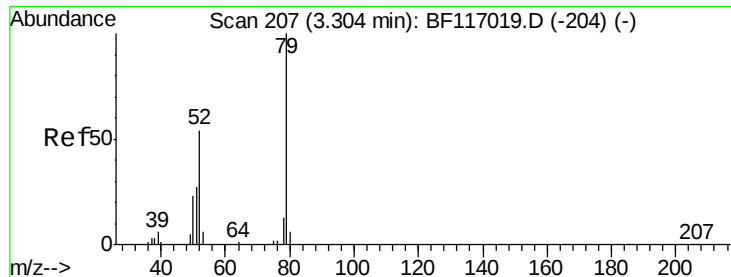
1,4-Dioxane
Concen: 33.124 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion: 88 Resp: 38063
Ion Ratio Lower Upper
88 100
58 58.9 49.3 73.9
43 25.7 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: 33.768 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

Instrument :

BNA_F

ClientSampleId :

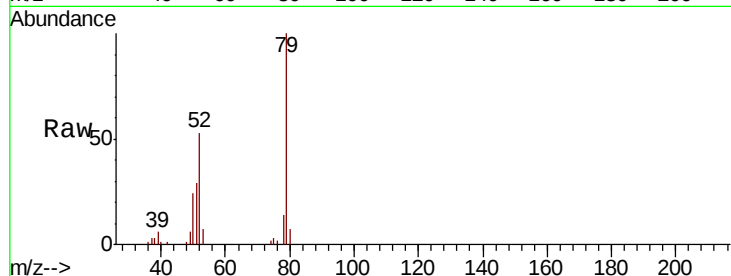
Tot Ion: 79 Resp: 106209

Ion Ratio Lower Upper

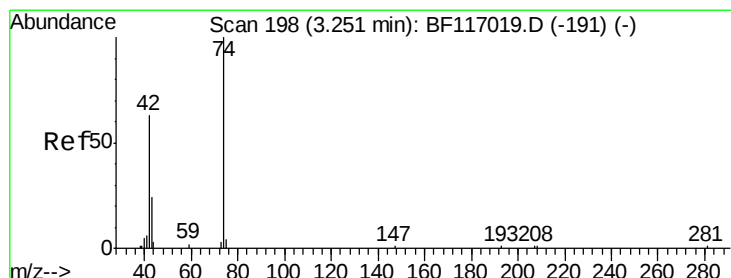
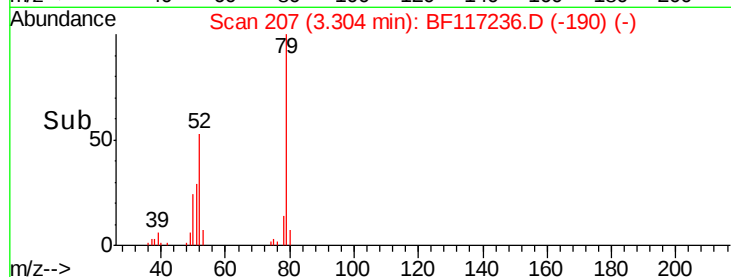
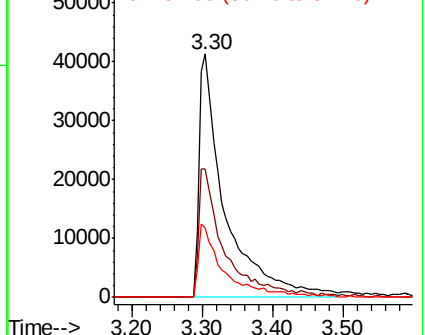
79 100

52 52.8 43.5 65.3

51 28.5 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: 40.680 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

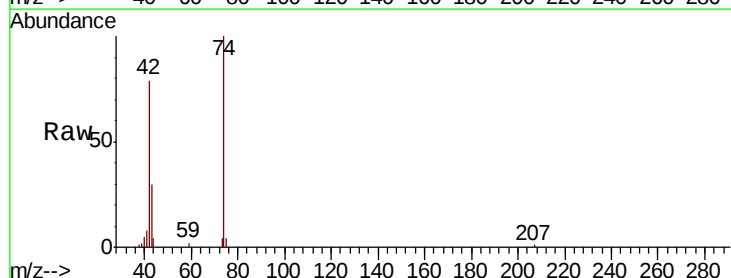
Tgt Ion: 42 Resp: 43909

Ion Ratio Lower Upper

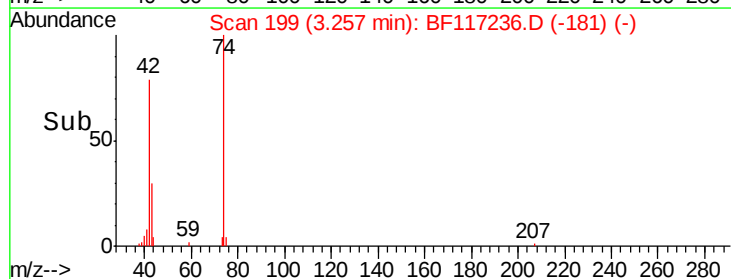
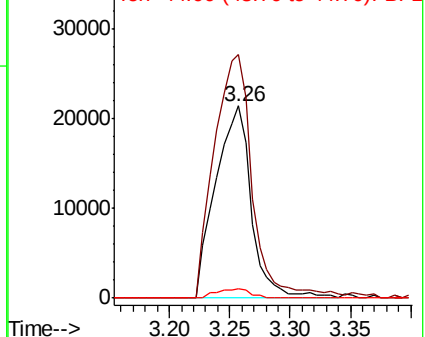
42 100

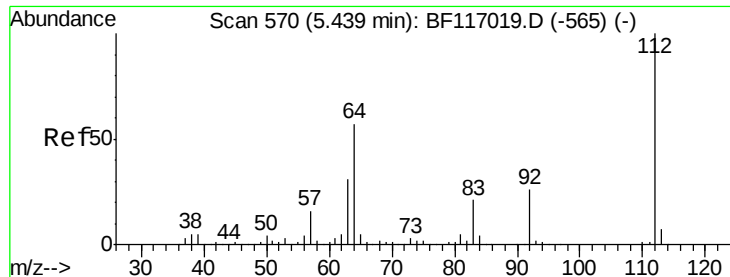
74 126.8 127.1 190.7#

44 5.0 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: 75.276 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

Instrument :

BNA_F

ClientSampleId :

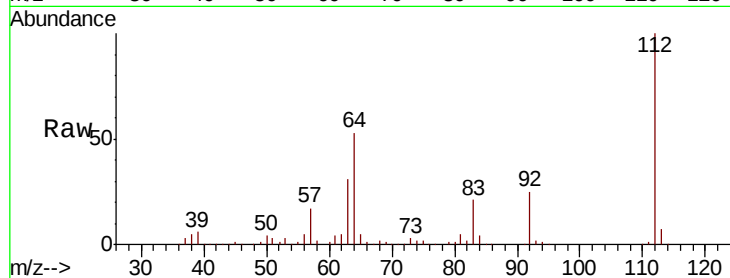
Tot Ion: 112 Resp: 206718

Ion Ratio Lower Upper

112 100

64 53.0 45.7 68.5

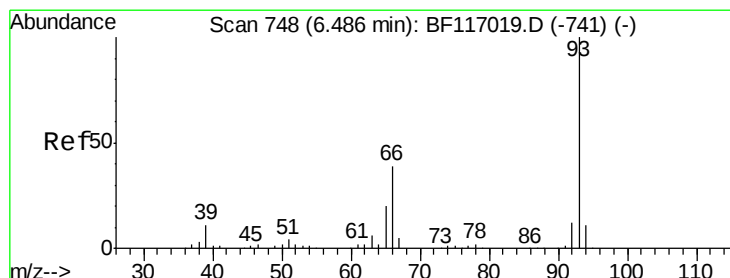
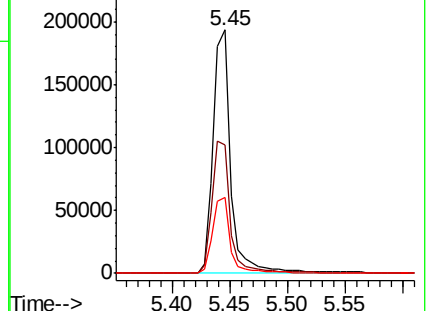
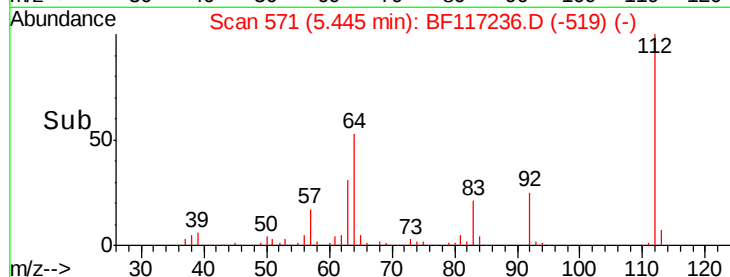
63 31.3 24.9 37.3



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: 36.916 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

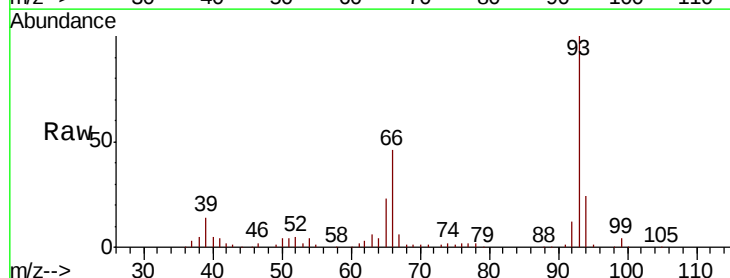
Tgt Ion: 93 Resp: 168682

Ion Ratio Lower Upper

93 100

66 46.1 32.6 49.0

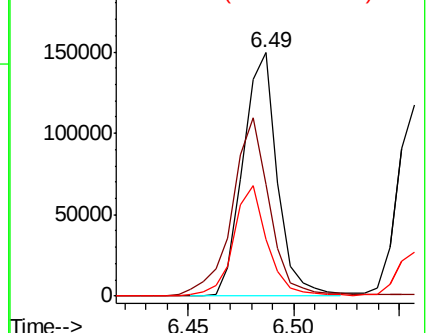
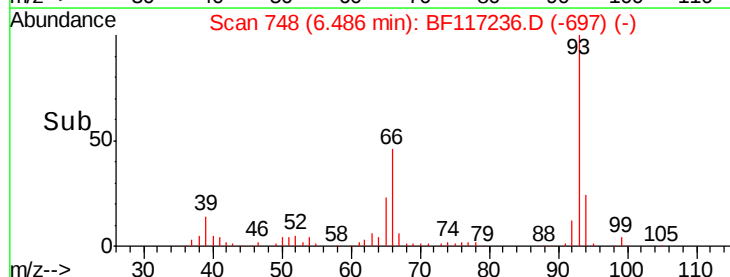
65 23.1 16.7 25.1

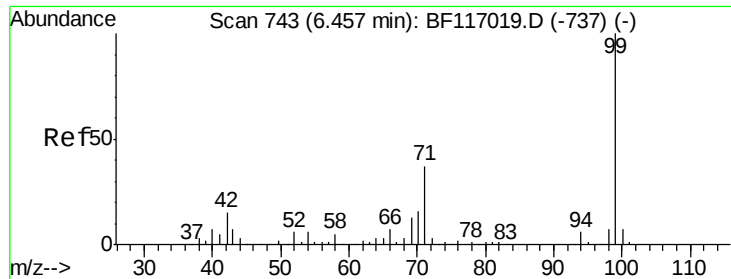


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.781 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

Instrument :

BNA_F

ClientSampleId :

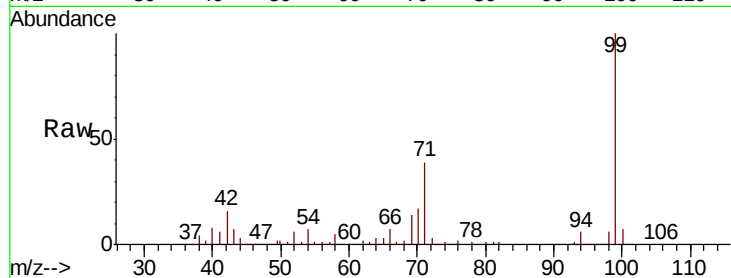
Tot Ion: 99 Resp: 272495

Ion Ratio Lower Upper

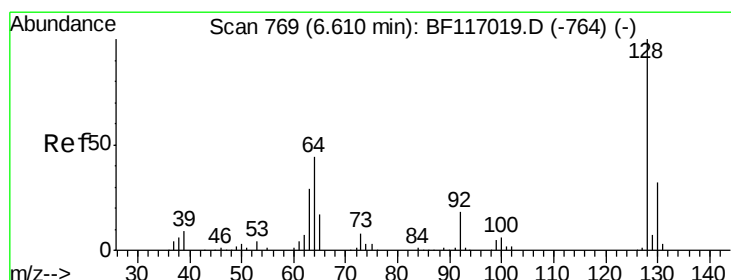
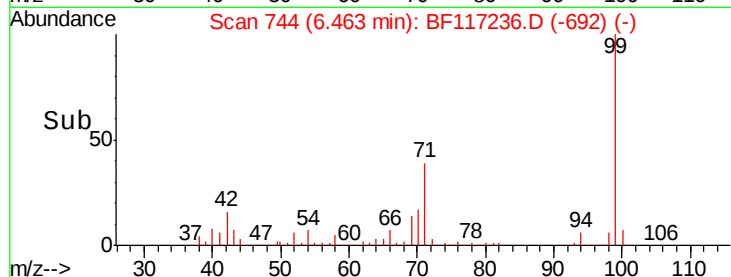
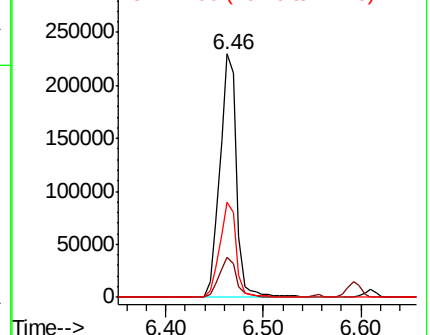
99 100

42 16.4 12.2 18.2

71 38.9 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.363 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

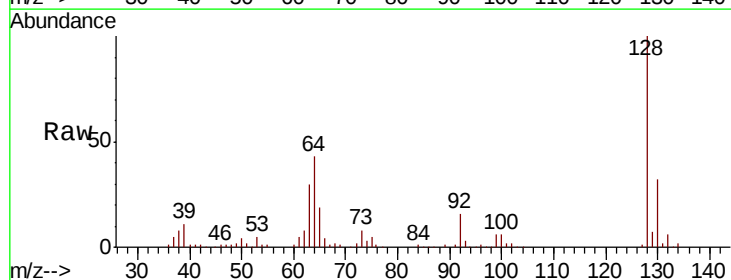
Tgt Ion: 128 Resp: 113652

Ion Ratio Lower Upper

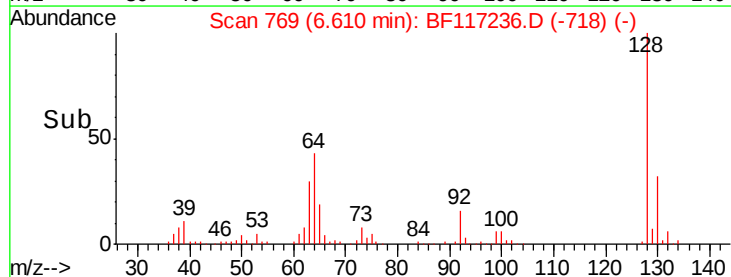
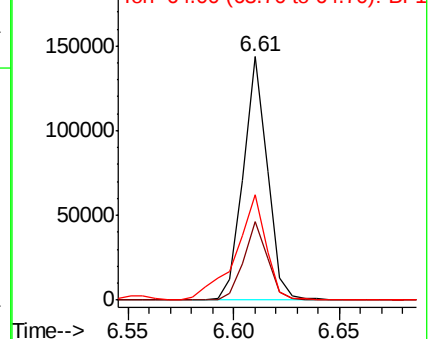
128 100

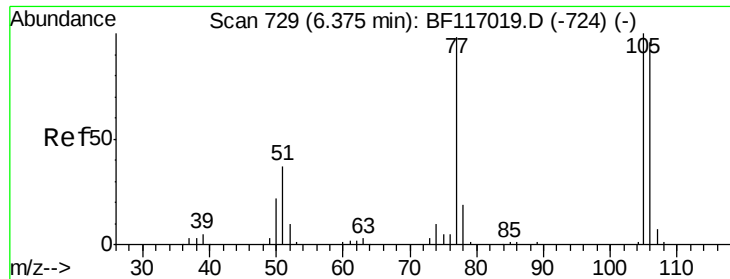
130 32.3 11.8 51.8

64 43.3 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

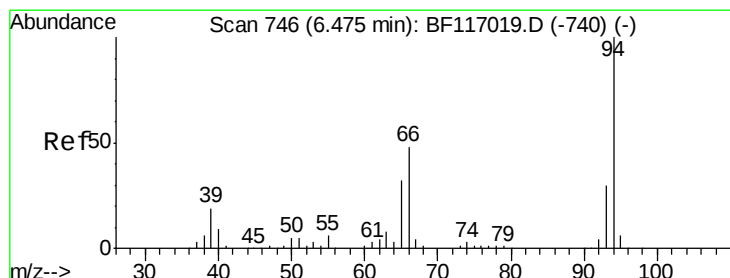
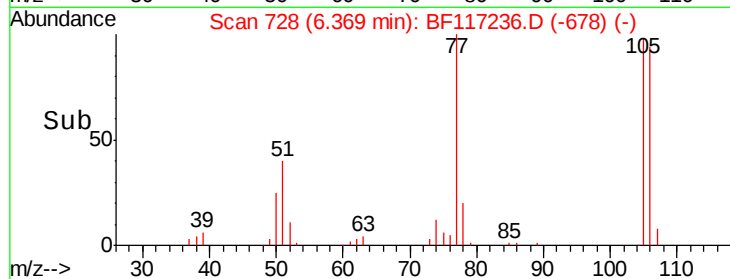
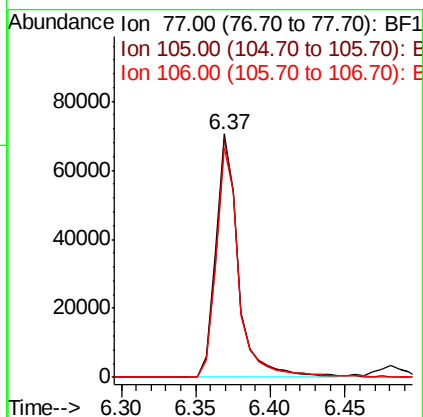
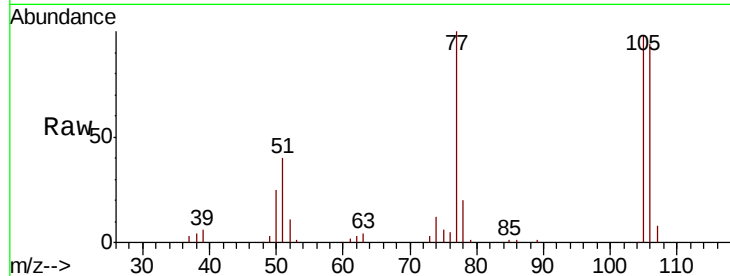




#9
Benzaldehyde
Concen: 42.460 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

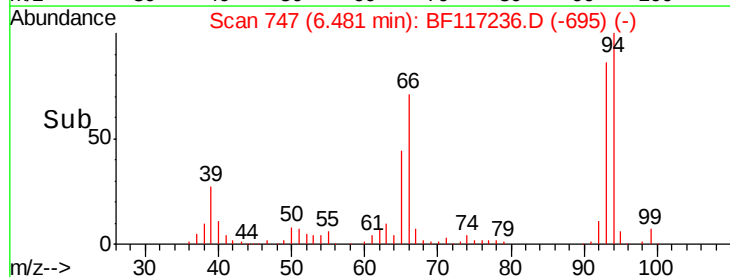
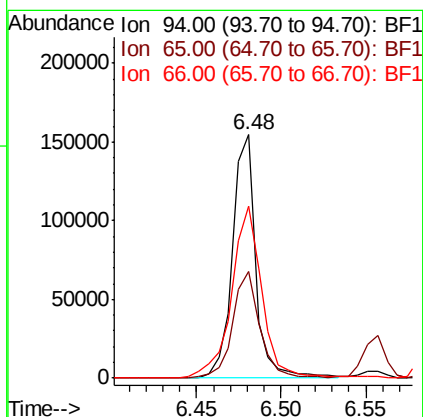
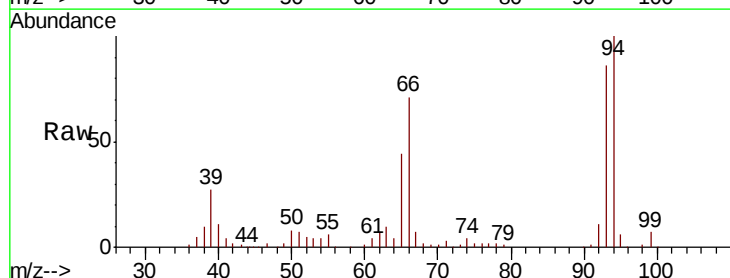
Instrument :
BNA_F
ClientSampled :

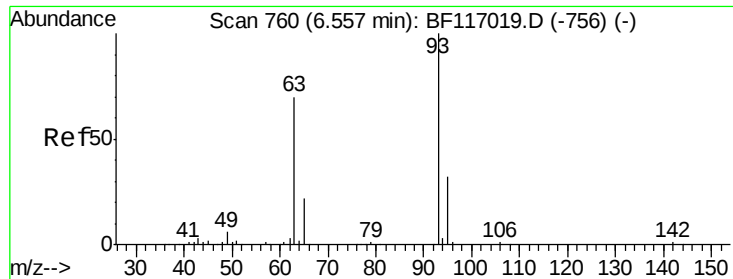
Tot Ion: 77 Resp: 74265
Ion Ratio Lower Upper
77 100
105 97.7 81.8 121.8
106 94.1 77.3 117.3



#10
Phenol
Concen: 37.647 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion: 94 Resp: 147294
Ion Ratio Lower Upper
94 100
65 44.0 12.5 52.5
66 70.7 28.9 68.9#

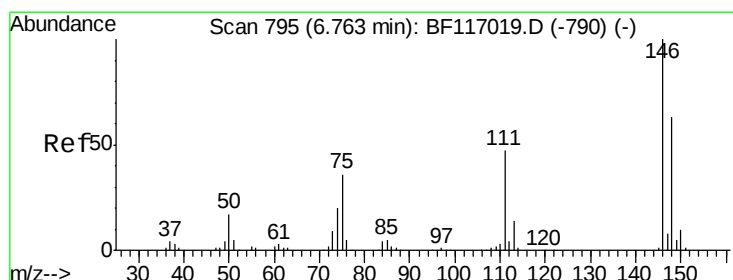
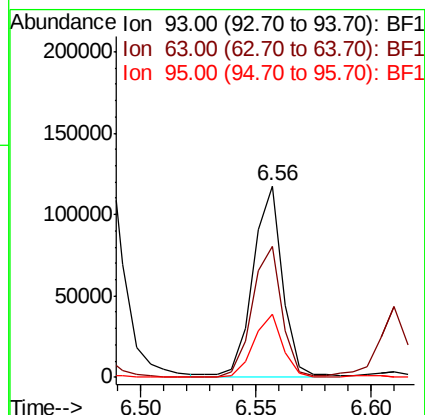
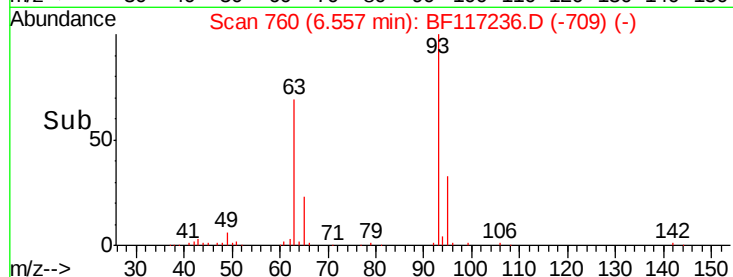
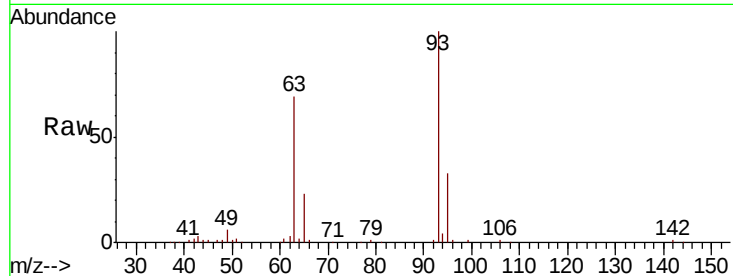




#11
bis(2-Chloroethyl)ether
Concen: 37.138 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

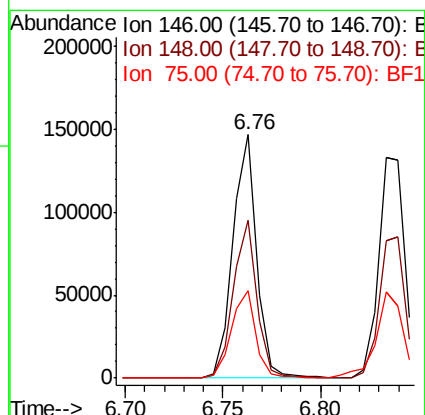
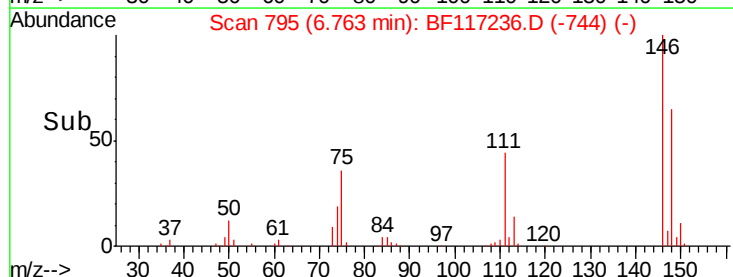
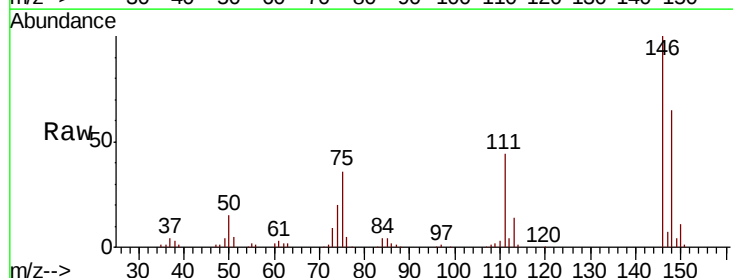
Instrument :
BNA_F
ClientSampleId :

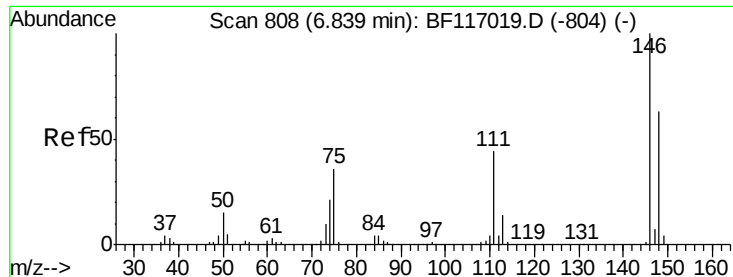
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.5	49.3	89.3
95	32.6	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 37.461 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
75	35.9	28.7	43.1

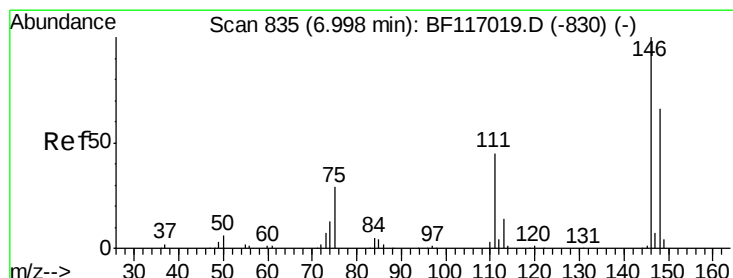
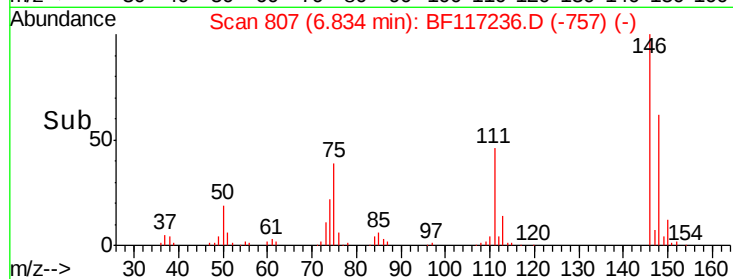
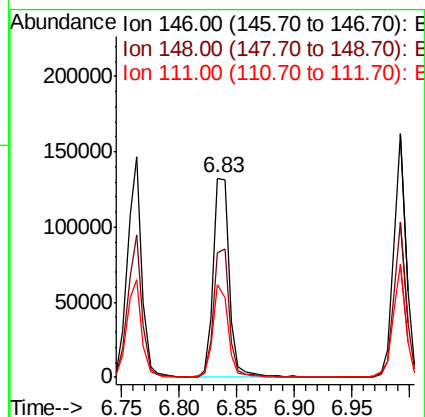
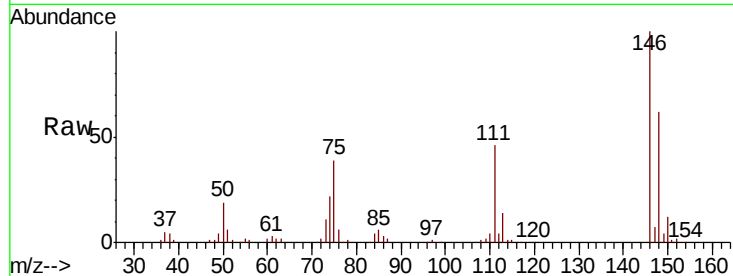




#13
 1,4-Dichlorobenzene
 Concen: 38.116 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

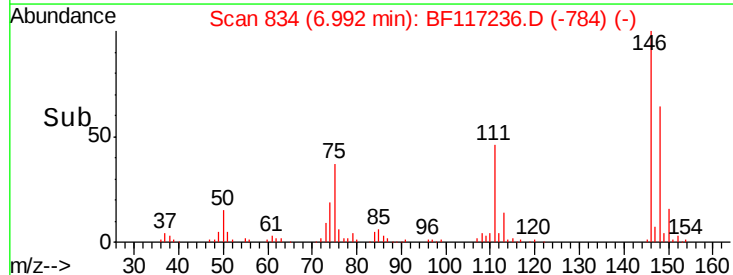
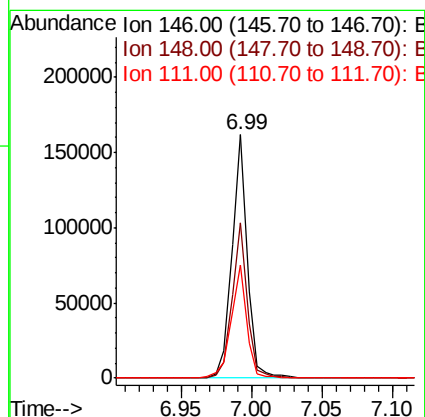
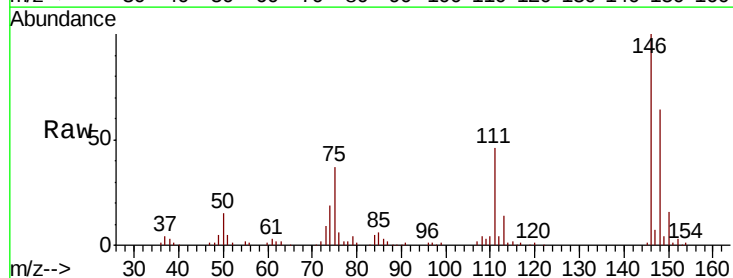
Instrument :
 BNA_F
 ClientSampleId :

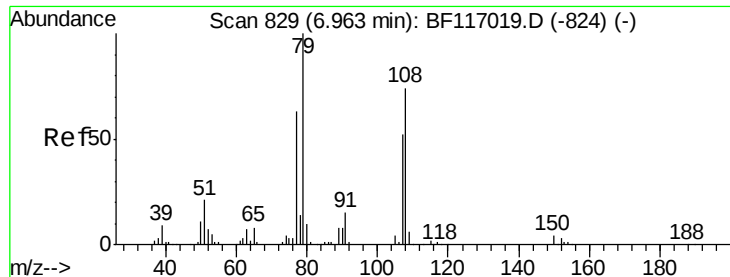
Tot Ion:146 Resp: 129313
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.6 76.0
 111 46.4 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 38.765 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion:146 Resp: 122443
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.6 78.8
 111 46.3 36.2 54.2





#15

Benzyl Alcohol

Concen: 38.943 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

Instrument :

BNA_F

ClientSampled :

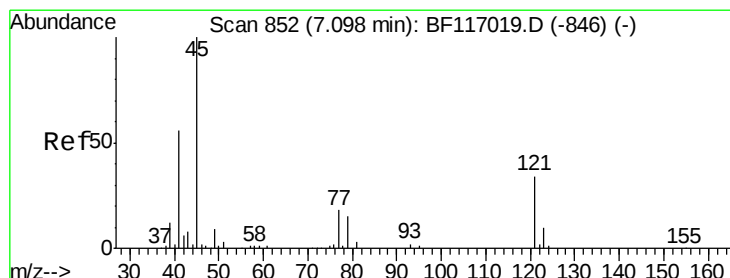
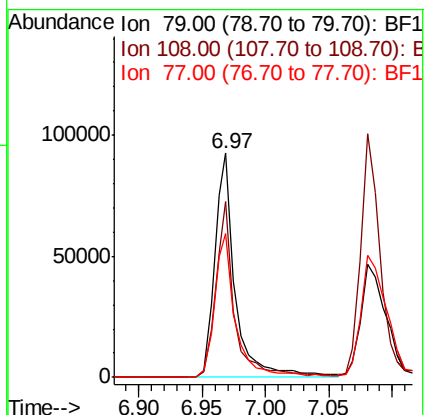
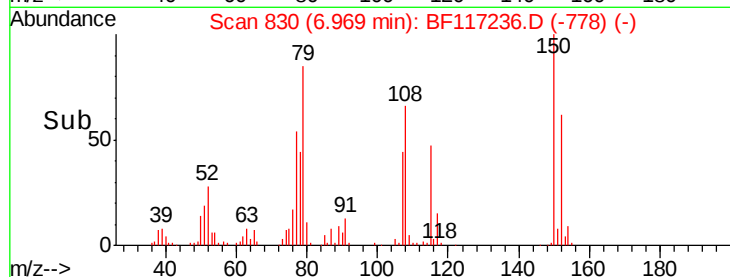
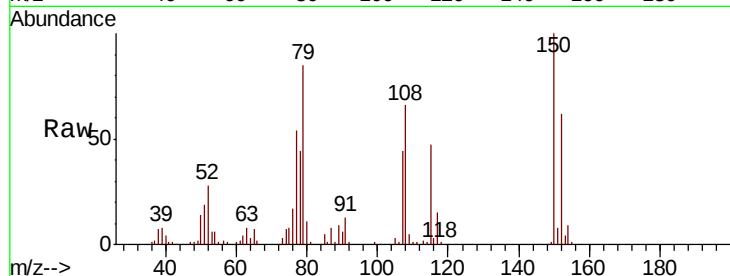
Tot Ion: 79 Resp: 105986

Ion Ratio Lower Upper

79 100

108 78.3 59.4 89.0

77 64.2 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.648 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

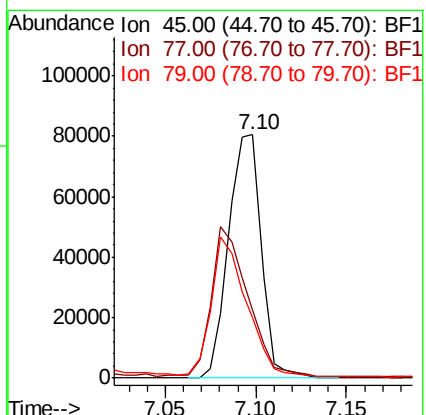
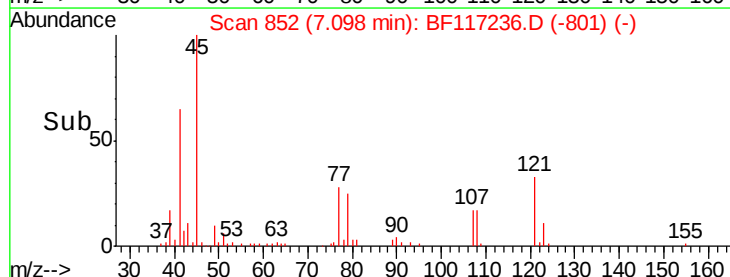
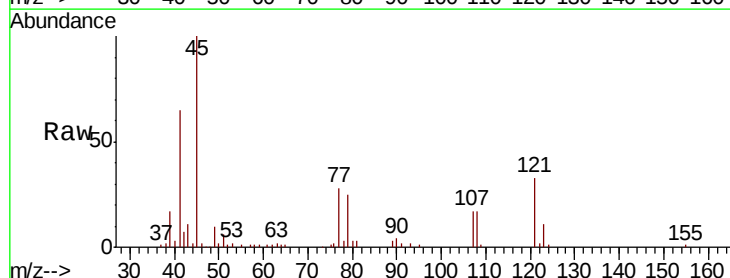
Tgt Ion: 45 Resp: 101275

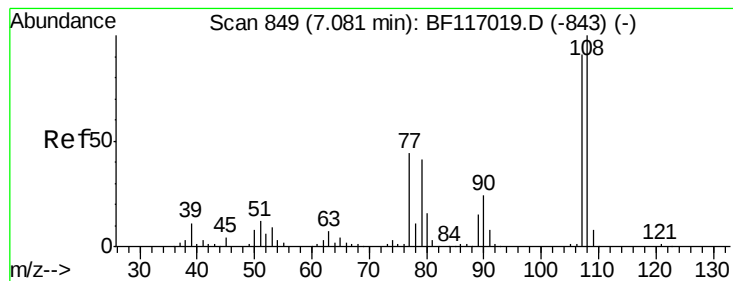
Ion Ratio Lower Upper

45 100

77 28.0 2.7 42.7

79 25.0 0.0 38.9

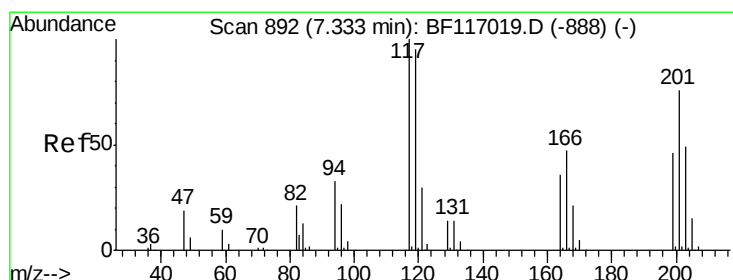
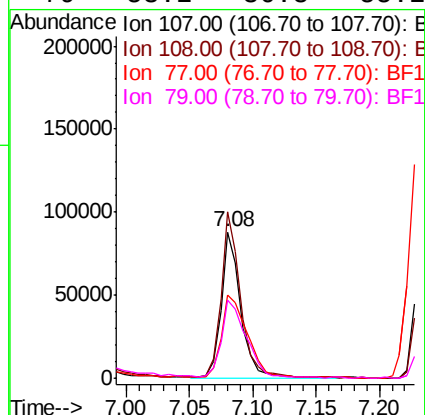
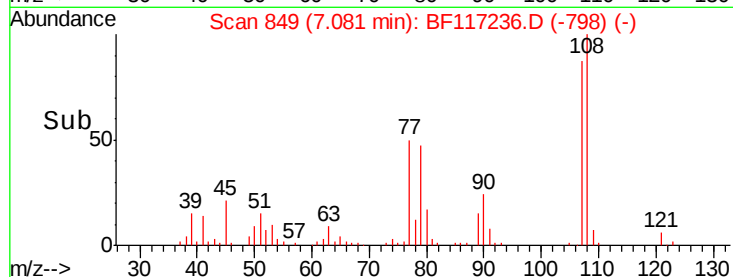
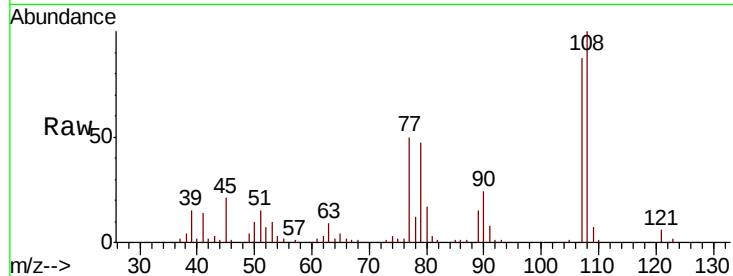




#17
2-Methylphenol
Concen: 38.236 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

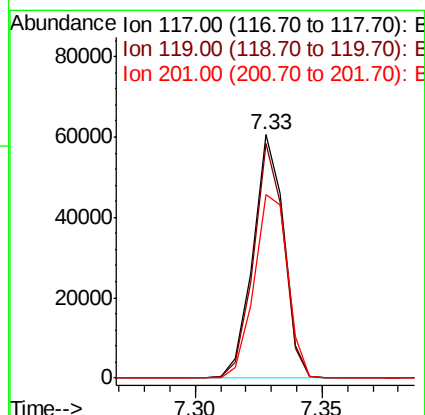
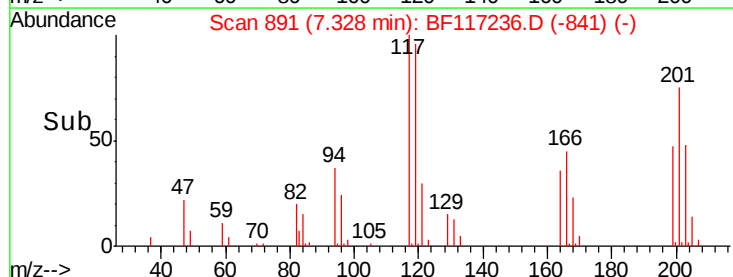
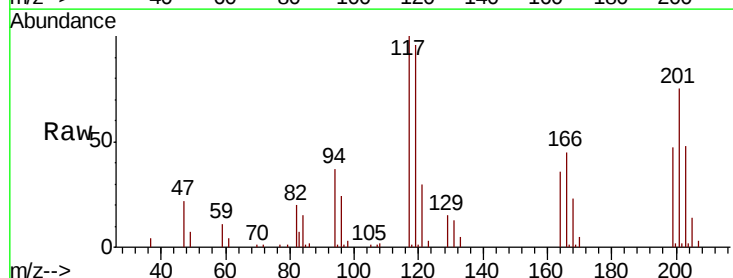
Instrument :
BNA_F
ClientSampleId :

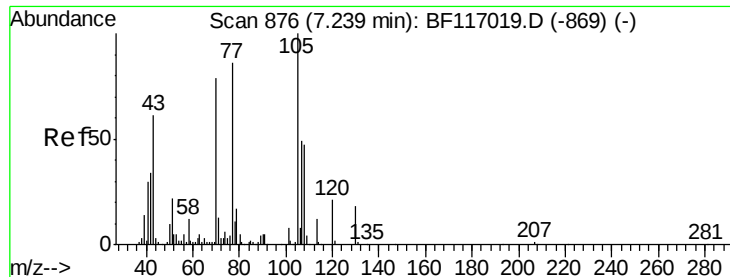
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	87.7	131.5
77	57.0	38.6	58.0
79	53.2	36.8	55.2



#18
Hexachloroethane
Concen: 39.472 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	75.3	60.9	91.3

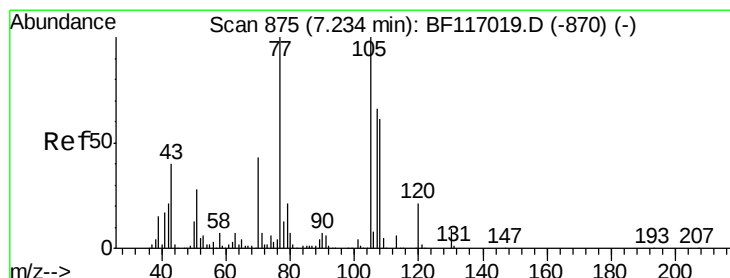
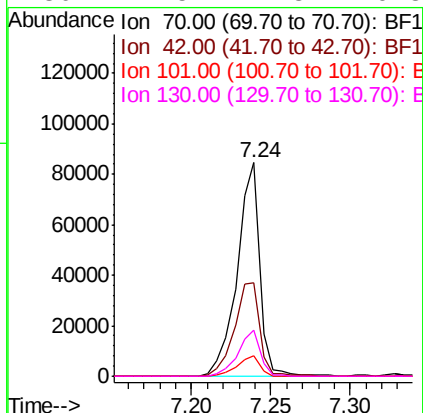
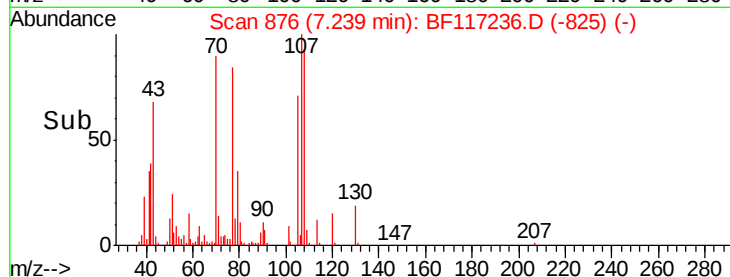
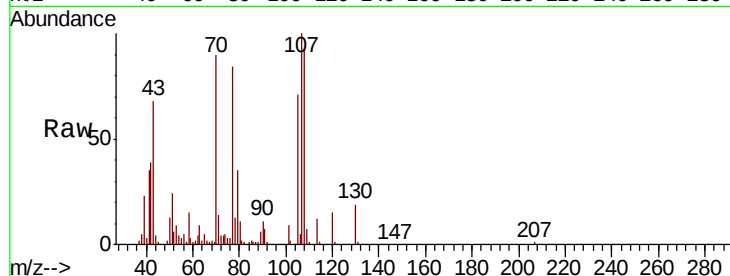




#19
n-Nitroso-di-n-propylamine
Concen: 38.671 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

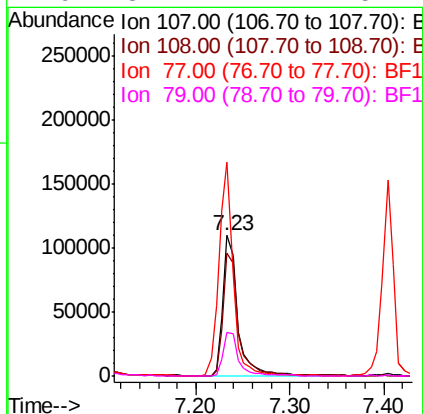
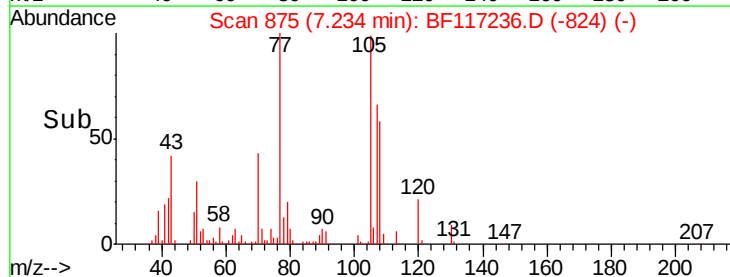
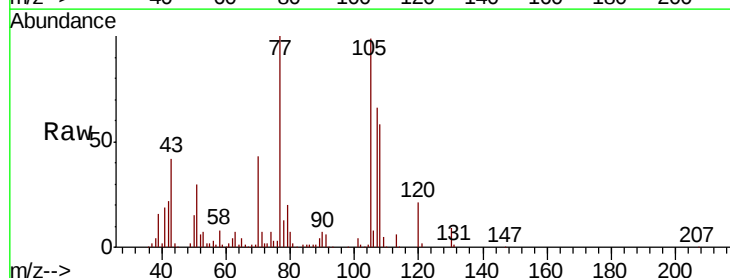
Instrument :
BNA_F
ClientSampleId :

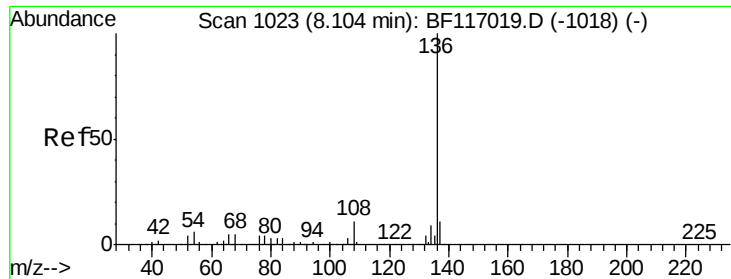
Tot Ion: 70 Resp: 83571
Ion Ratio Lower Upper
70 100
42 43.8 34.0 51.0
101 9.5 7.8 11.6
130 21.5 17.8 26.8



#20
3+4-Methylphenols
Concen: 39.552 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion: 107 Resp: 122323
Ion Ratio Lower Upper
107 100
108 87.8 72.6 112.6
77 152.0 132.1 172.1
79 31.1 12.1 52.1

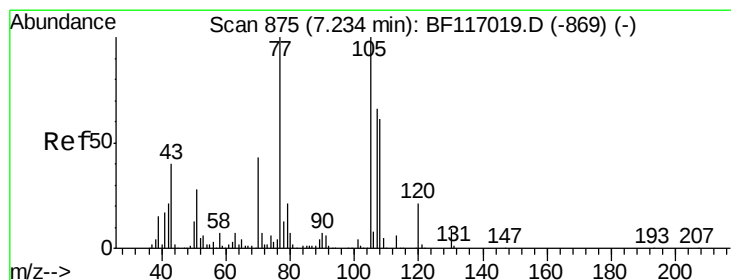
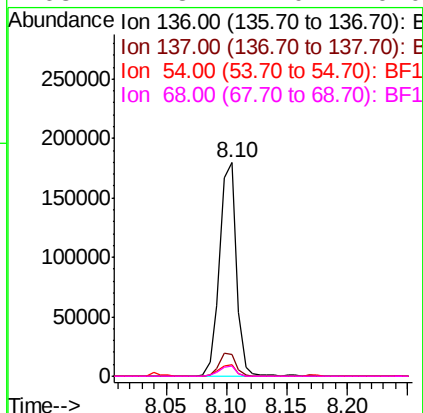
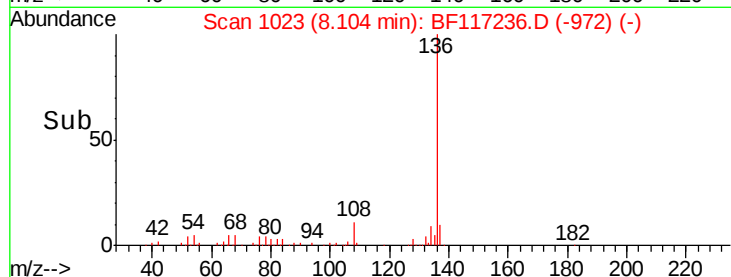
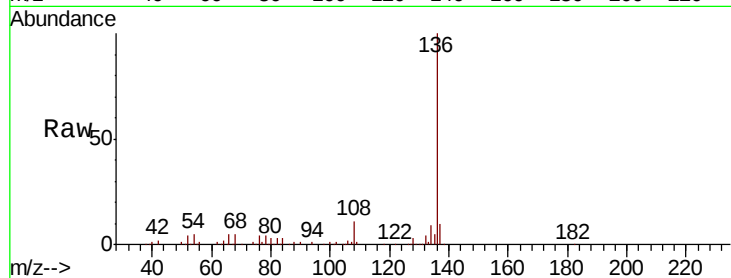




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

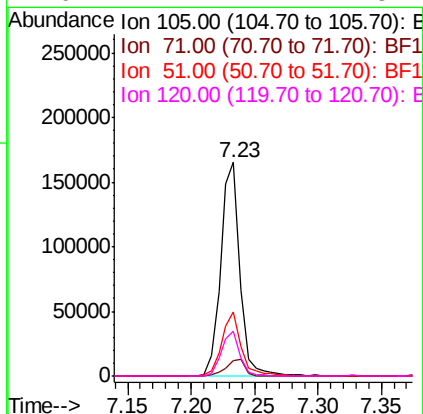
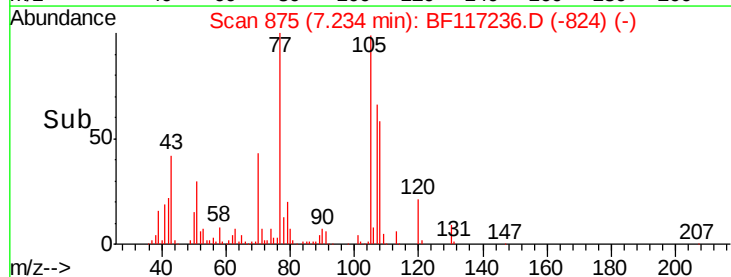
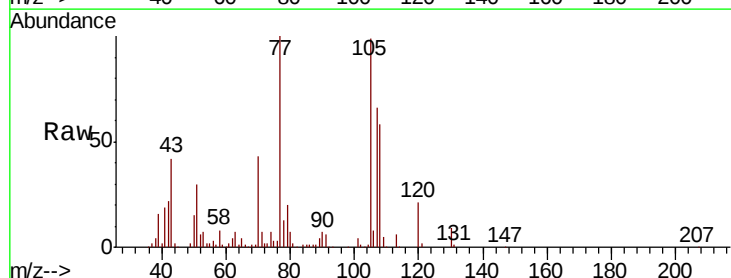
Instrument :
BNA_F
ClientSampleId :

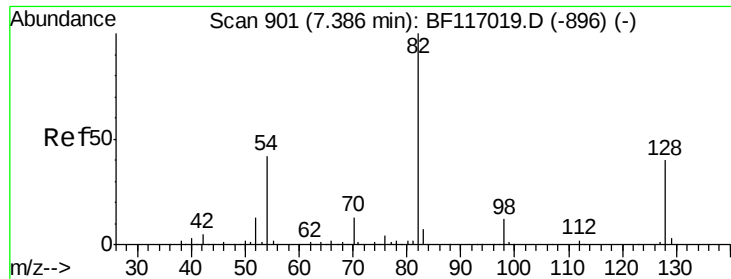
Tot Ion:136	Resp:	172801
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.0 13.4
54	5.3	4.5 6.7
68	4.8	4.0 6.0



#22
Acetophenone
Concen: 39.743 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion:105	Resp:	174484
Ion	Ratio	Lower Upper
105	100	
71	7.2	5.7 8.5
51	29.9	22.1 33.1
120	21.1	17.1 25.7

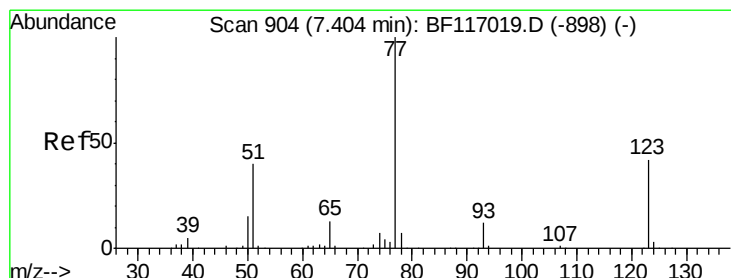
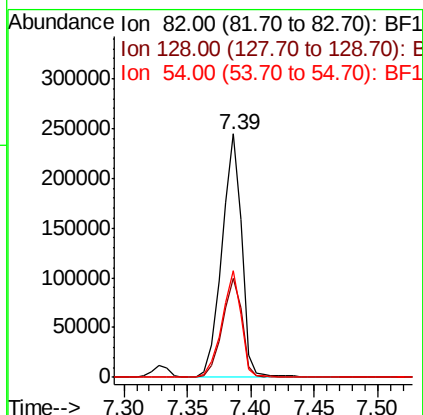
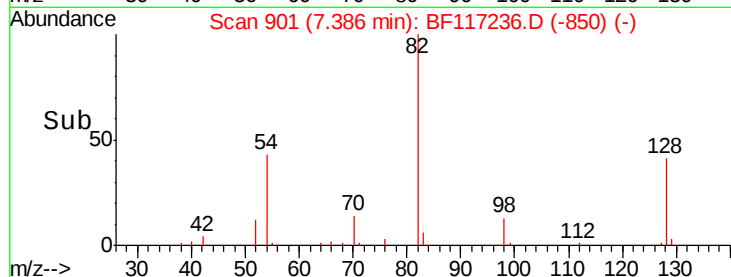
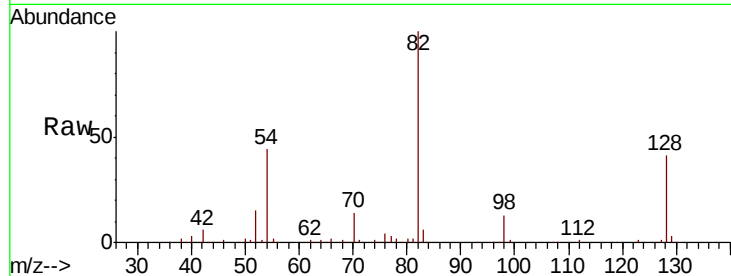




#23
 Nitrobenzene-d5
 Concen: 80.875 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

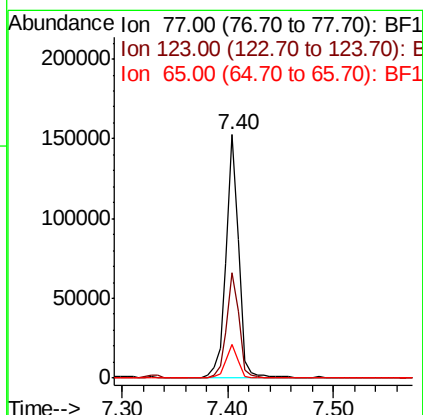
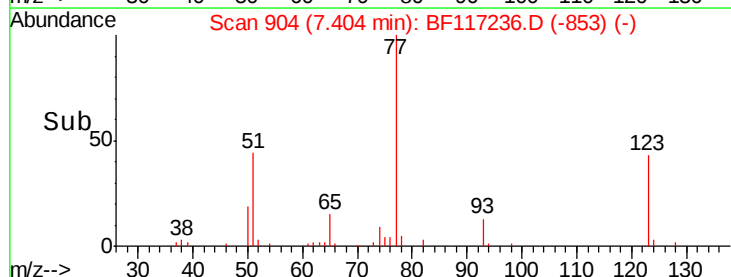
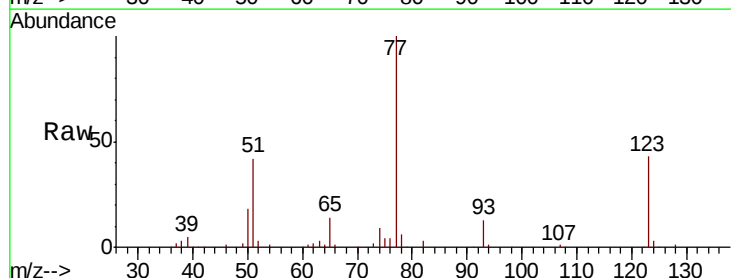
Instrument :
 BNA_F
 ClientSampleId :

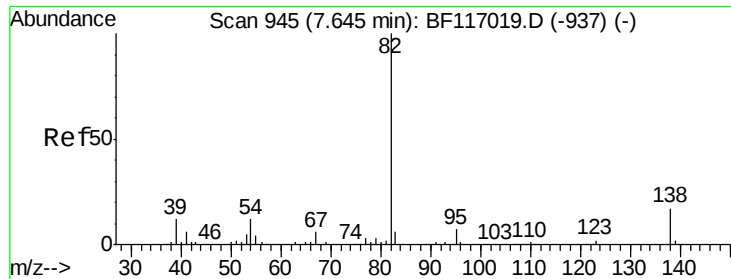
Tot Ion	82	Resp	265982
Ion Ratio	100	Lower	Upper
128	40.6	32.3	48.5
54	43.7	33.3	49.9



#24
 Nitrobenzene
 Concen: 39.699 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion	77	Resp	128935
Ion Ratio	100	Lower	Upper
123	43.2	33.5	50.3
65	13.7	10.5	15.7





#25

Isophorone

Concen: 38.423 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

Instrument :

BNA_F

ClientSampleId :

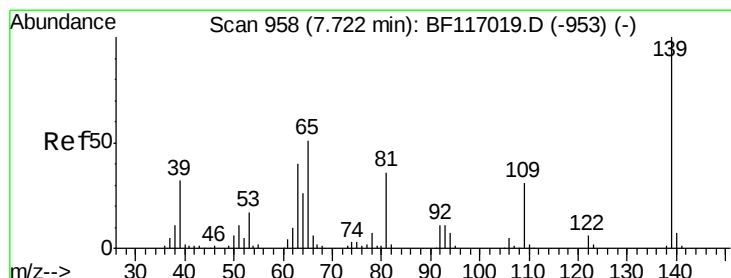
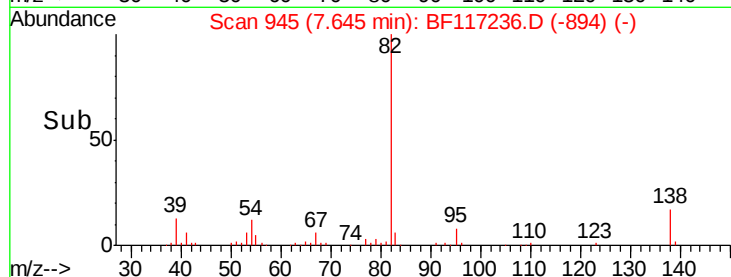
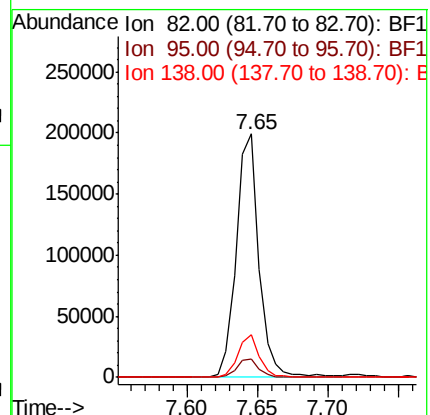
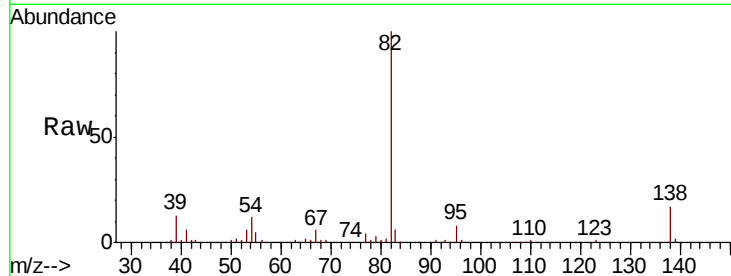
Tot Ion: 82 Resp: 223741

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.6

138 17.5 13.5 20.3



#26

2-Nitrophenol

Concen: 40.245 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

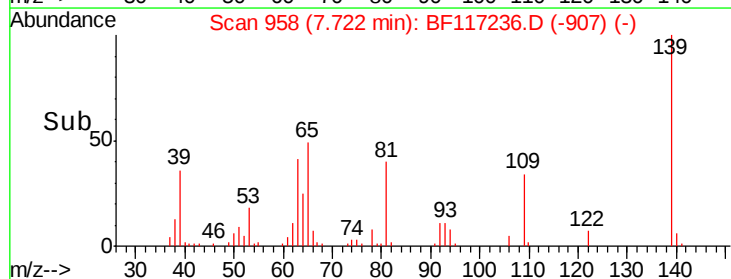
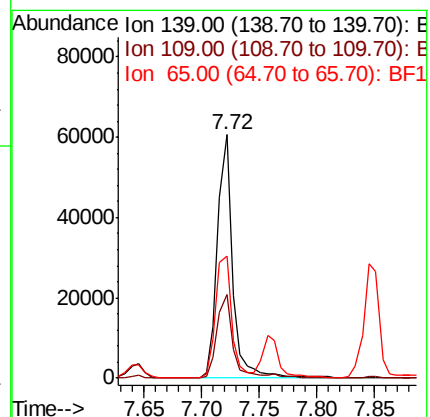
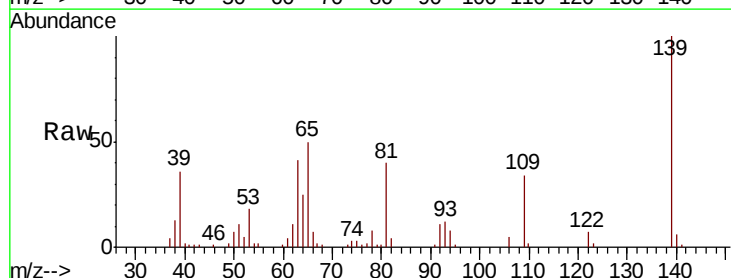
Tgt Ion: 139 Resp: 56144

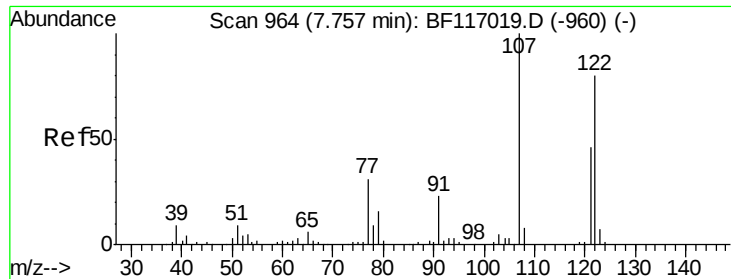
Ion Ratio Lower Upper

139 100

109 34.2 24.6 36.8

65 50.1 40.9 61.3

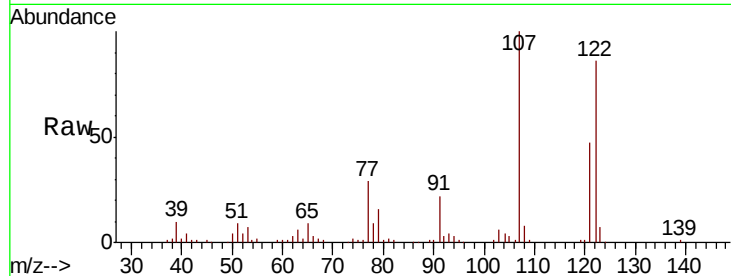




#27
 2,4-Dimethylphenol
 Concen: 39.624 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	98.9	148.3
121	55.0	45.3	67.9

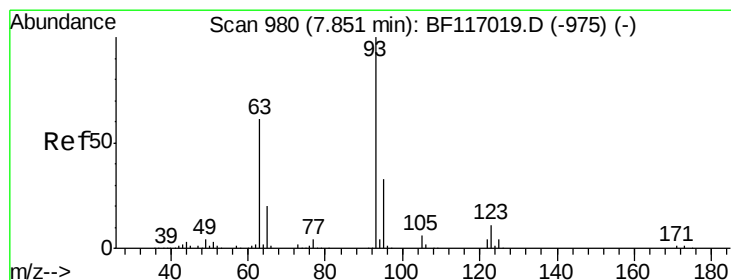
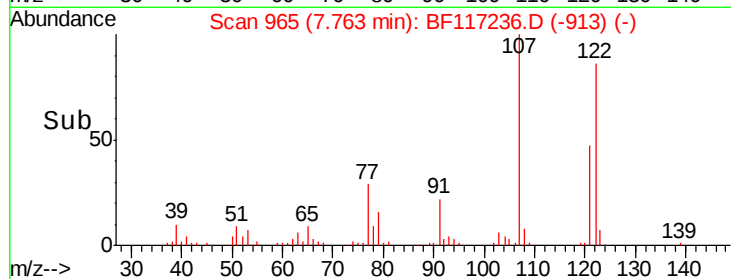
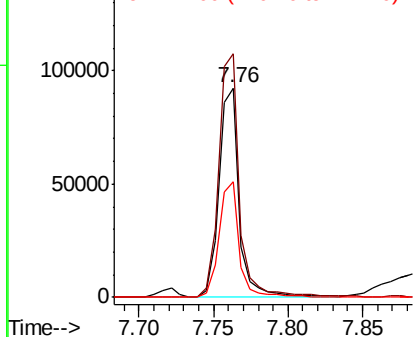


Abundance

Ion 122.00 (121.70 to 122.70): E

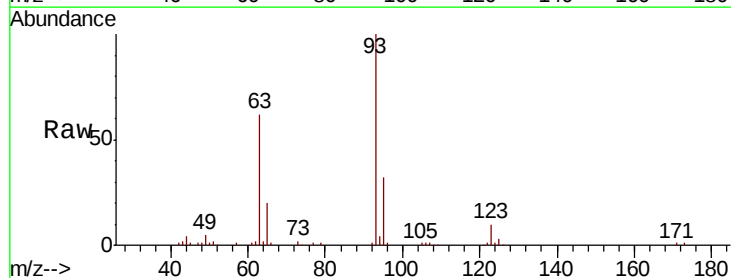
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.907 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	10.3	9.0	13.6

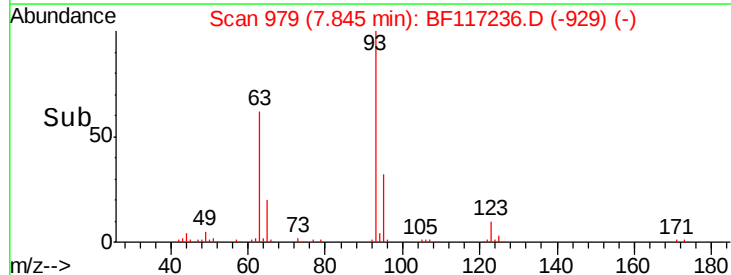
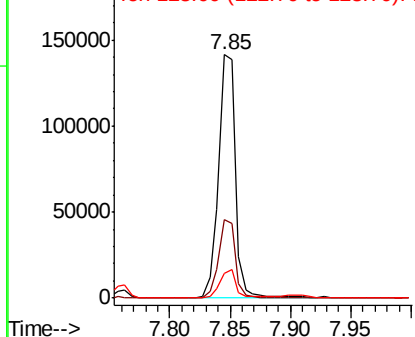


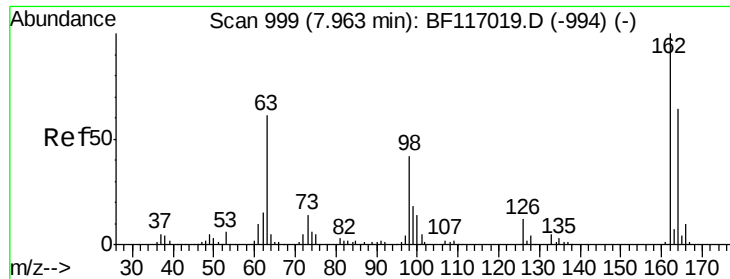
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

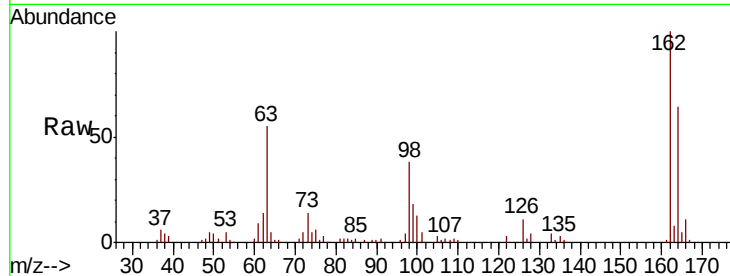




#29
 2,4-Dichlorophenol
 Concen: 38.021 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.8	83.8
98	38.2	22.1	62.1

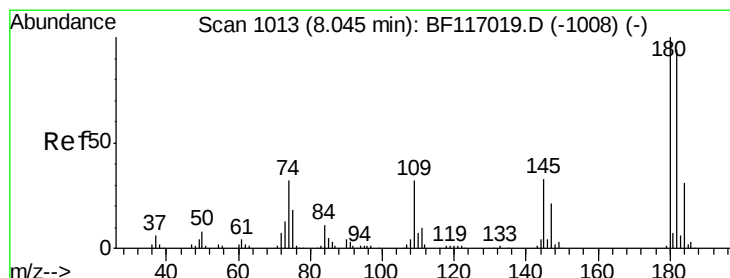
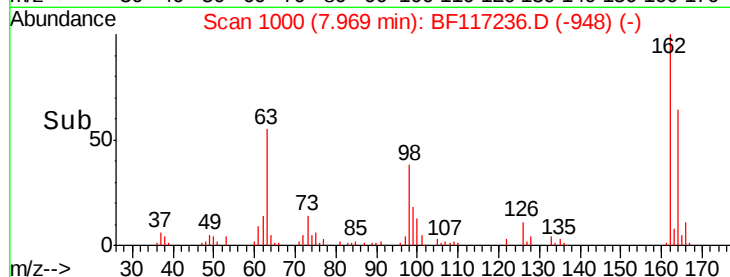
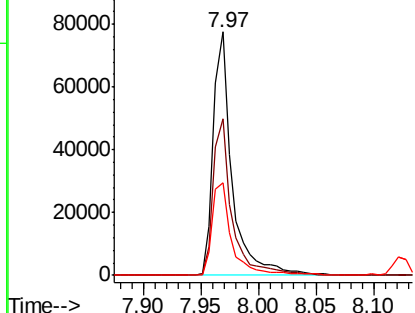


Abundance

Ion 162.00 (161.70 to 162.70): E

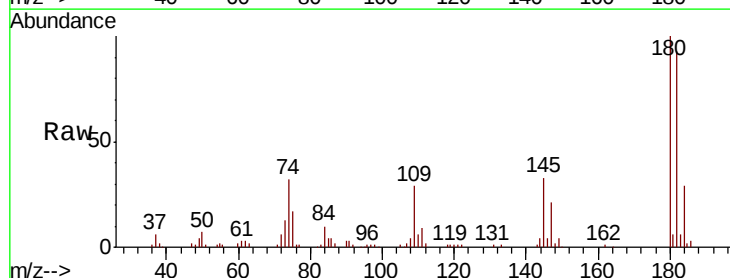
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.110 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.4	113.0
145	32.8	26.7	40.1

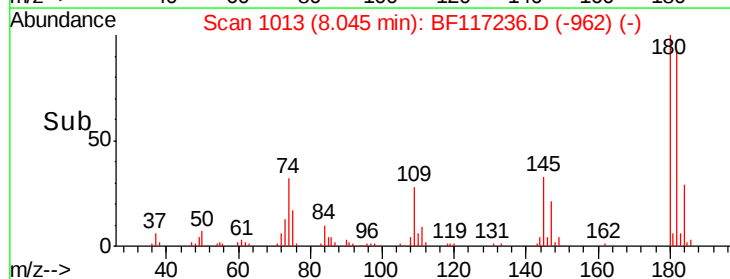
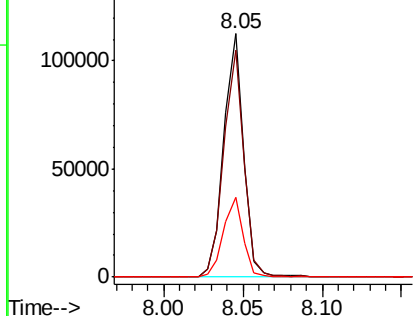


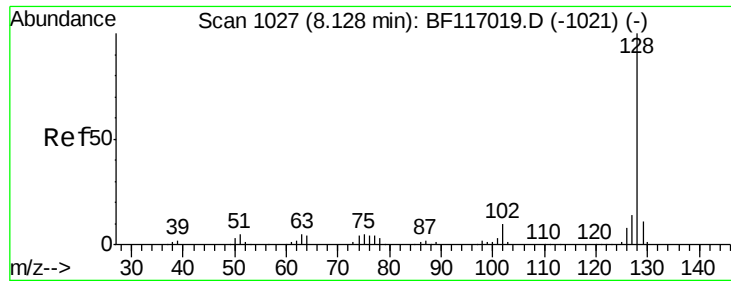
Abundance

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

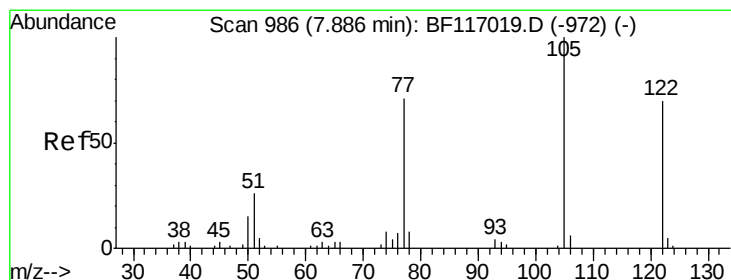
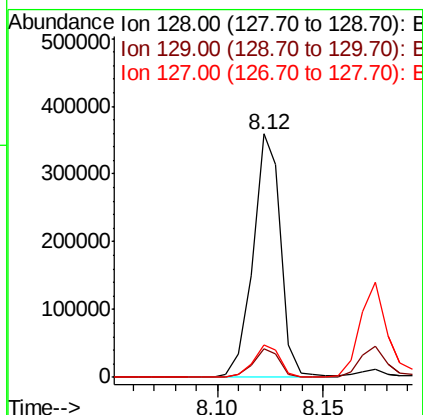
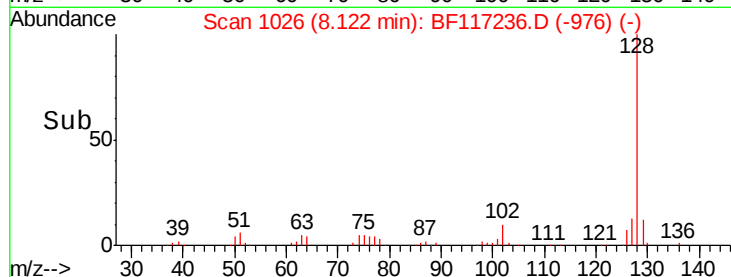
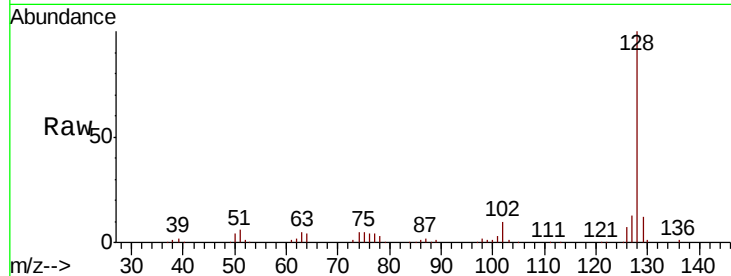




#31
Naphthalene
Concen: 39.308 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

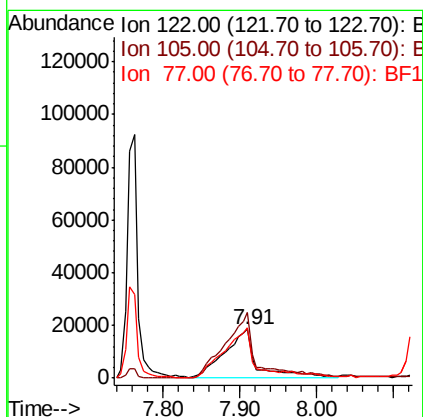
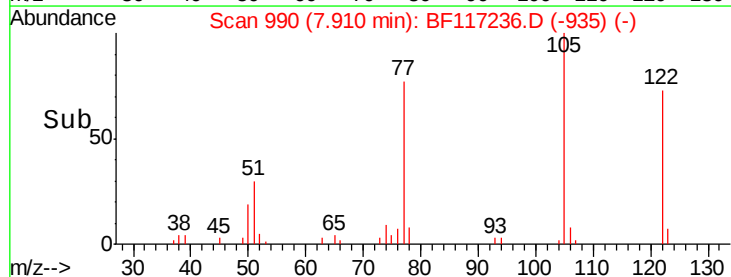
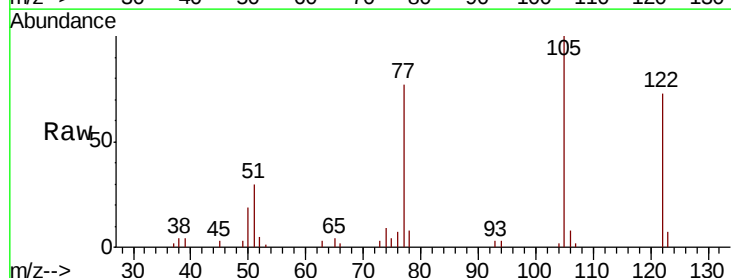
Instrument :
BNA_F
ClientSampled :

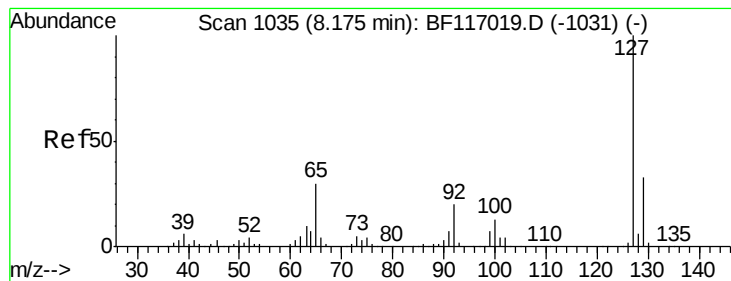
Tot Ion:128 Resp: 326678
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 33.127 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.02 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion:122 Resp: 51380
Ion Ratio Lower Upper
122 100
105 136.1 114.8 154.8
77 104.6 78.7 118.7





#33

4-Chloroaniline

Concen: 37.324 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF117236.D

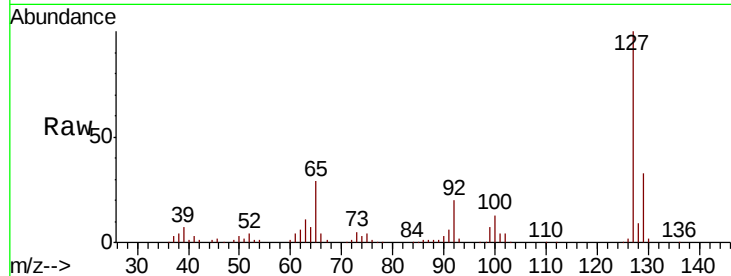
Acq: 25 Sep 2019 12:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	137577
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	29.1	23.5	35.3
92	19.5	15.9	23.9



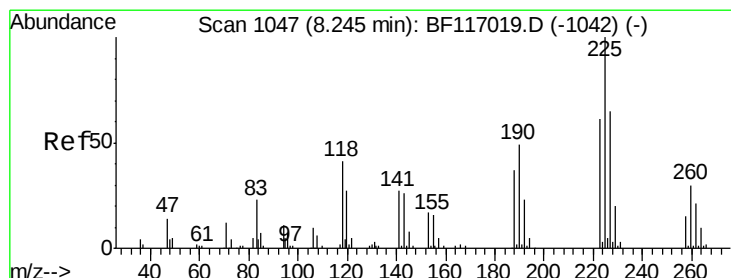
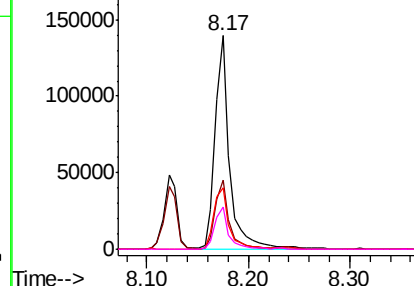
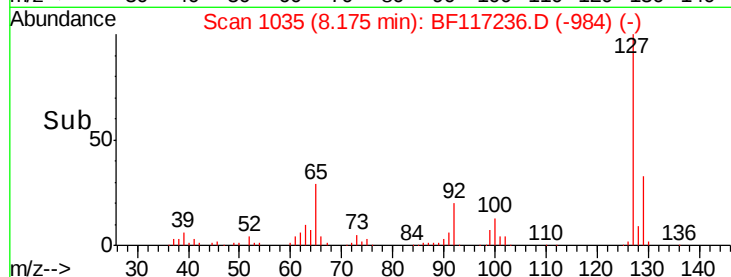
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.756 ng

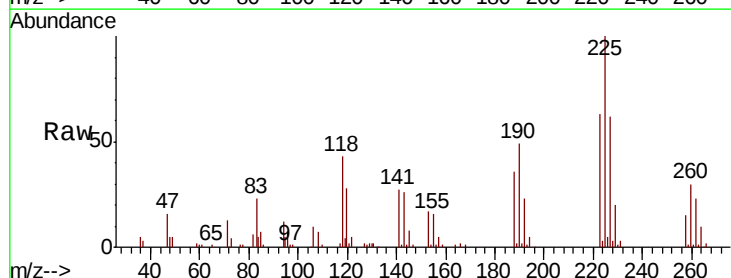
RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

Tgt Ion:	225	Resp:	57908
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.1	73.7
227	62.4	52.2	78.2

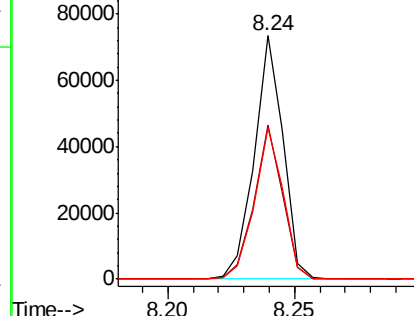
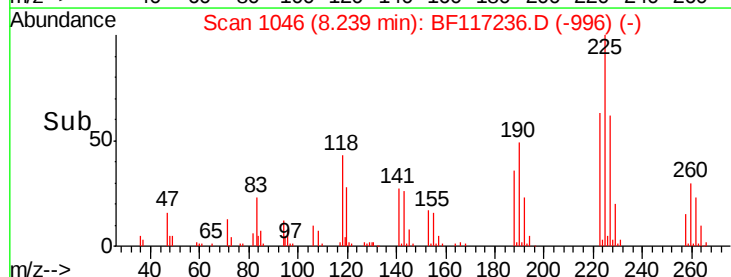


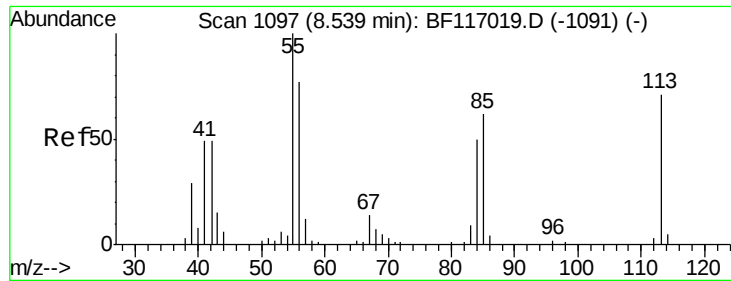
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

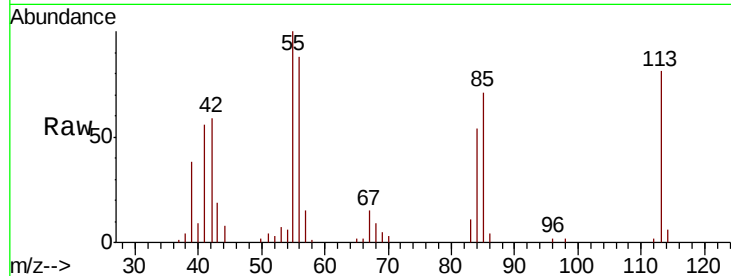




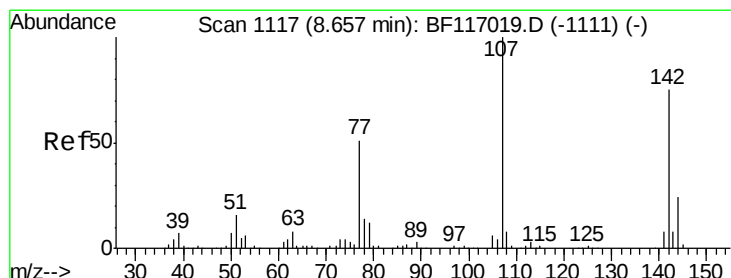
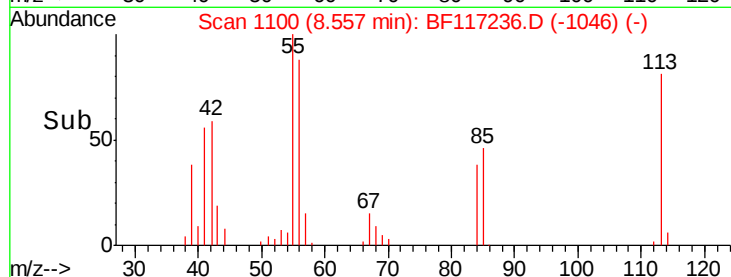
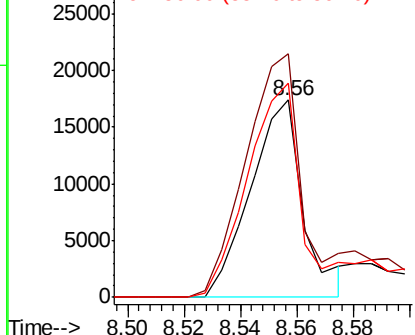
#35
Caprolactam
Concen: 28.542 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 22394
Ion Ratio Lower Upper
113 100
55 123.3 120.6 160.6
56 108.5 88.8 128.8

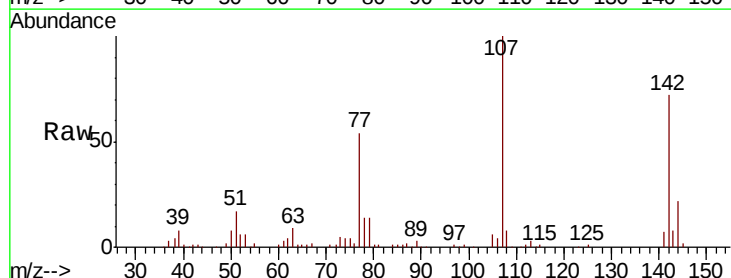


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

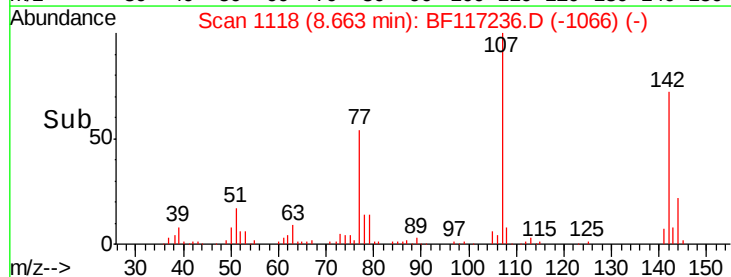
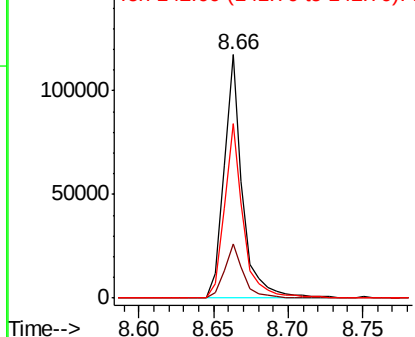


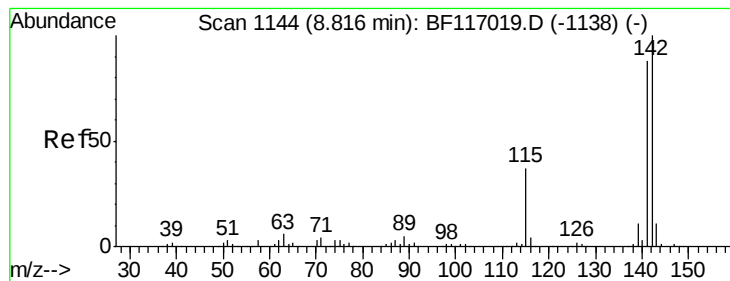
#36
4-Chloro-3-methylphenol
Concen: 38.163 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion:107 Resp: 103150
Ion Ratio Lower Upper
107 100
144 22.4 19.2 28.8
142 71.6 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: 39.256 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

Instrument :

BNA_F

ClientSampleId :

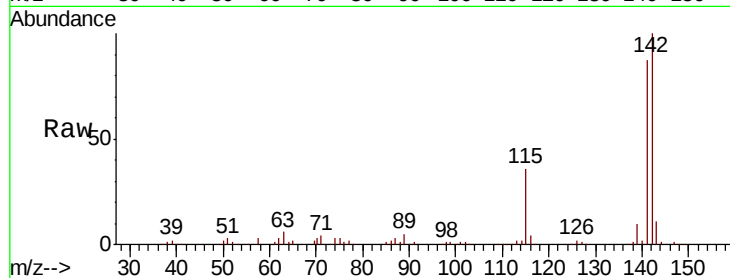
Tot Ion:142 Resp: 219687

Ion Ratio Lower Upper

142 100

141 87.4 70.7 106.1

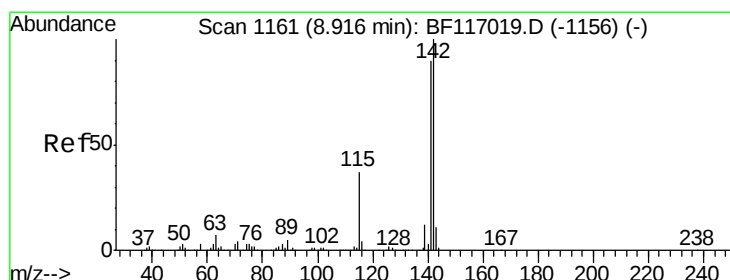
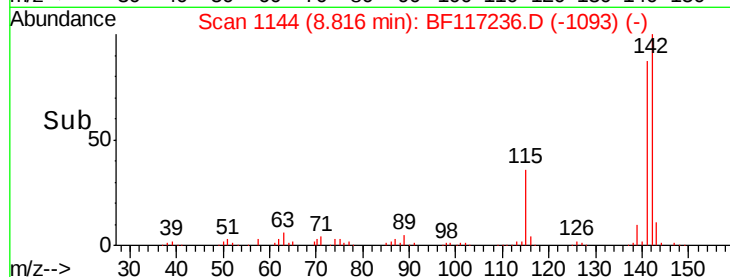
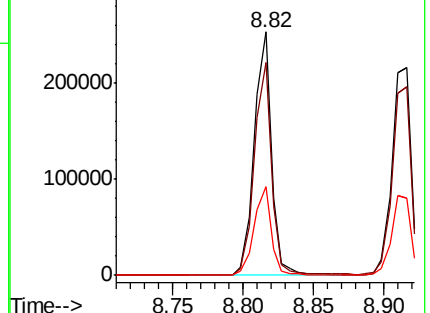
115 36.2 29.4 44.0



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: 39.412 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

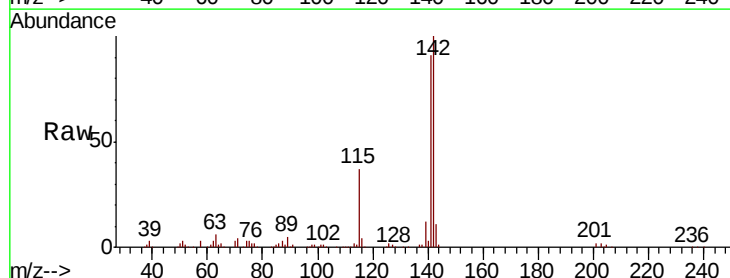
Tgt Ion:142 Resp: 206575

Ion Ratio Lower Upper

142 100

141 90.8 71.9 107.9

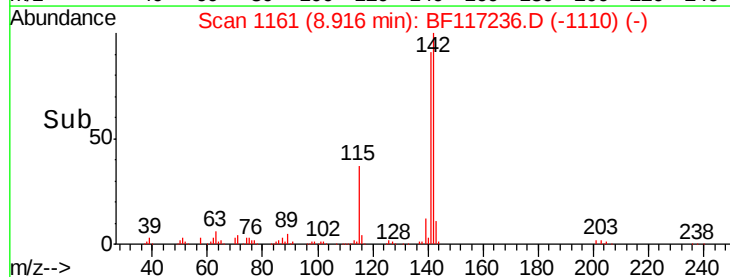
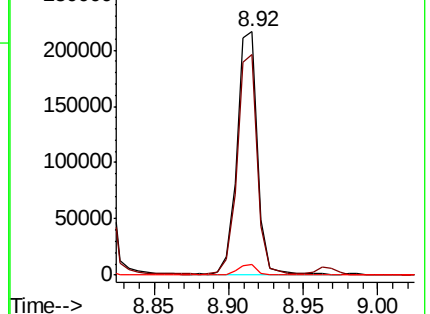
116 4.3 3.2 4.8

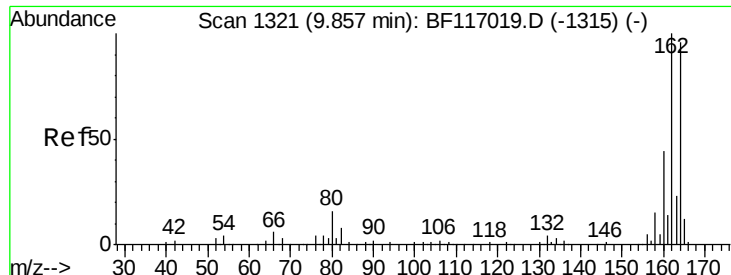


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

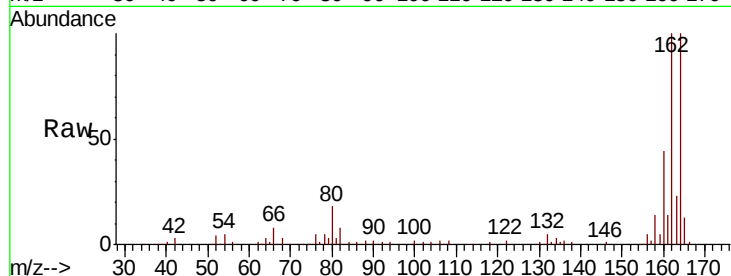




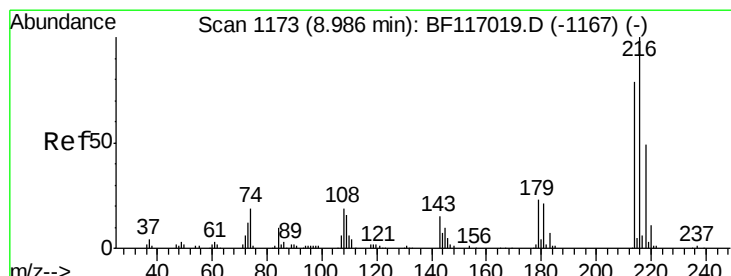
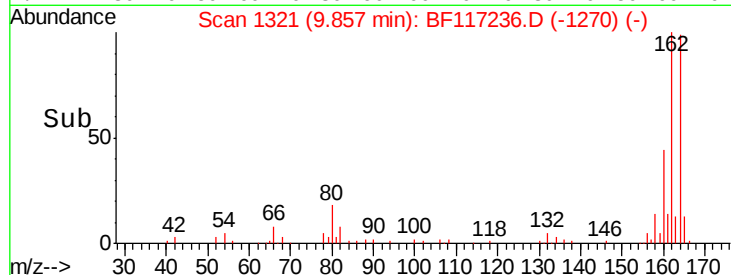
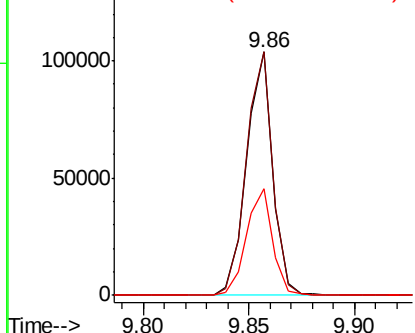
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 89013
 Ion Ratio Lower Upper
 164 100
 162 100.0 83.4 125.2
 160 43.6 36.4 54.6

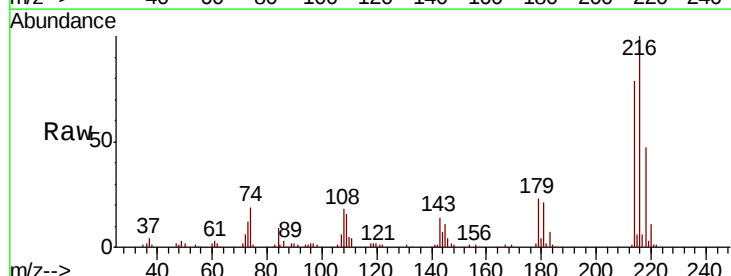


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

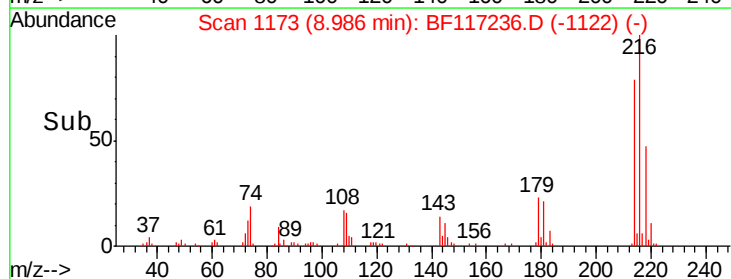
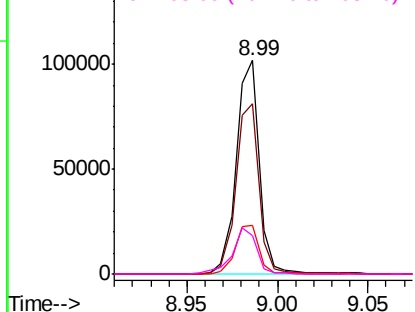


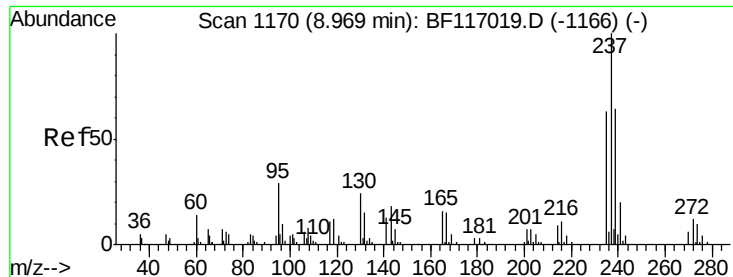
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.278 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion:216 Resp: 90282
 Ion Ratio Lower Upper
 216 100
 214 80.5 63.6 95.4
 179 23.5 18.3 27.5
 108 22.2 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: 39.282 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

Instrument :

BNA_F

ClientSampled :

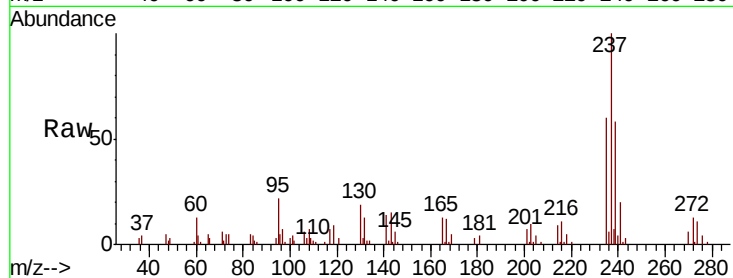
Tot Ion:237 Resp: 35412

Ion Ratio Lower Upper

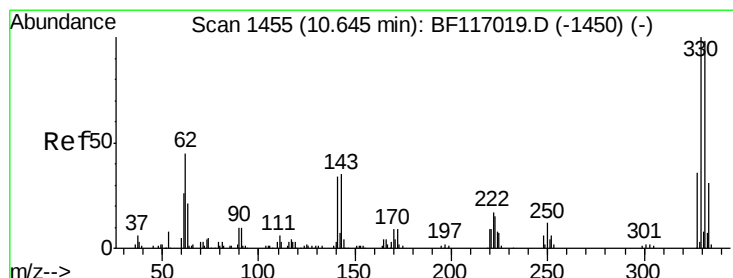
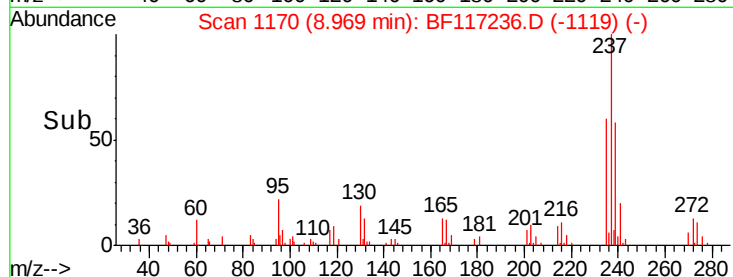
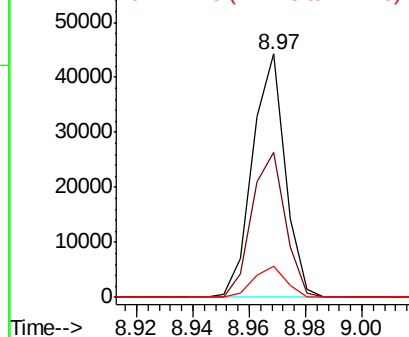
237 100

235 59.8 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: 79.234 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

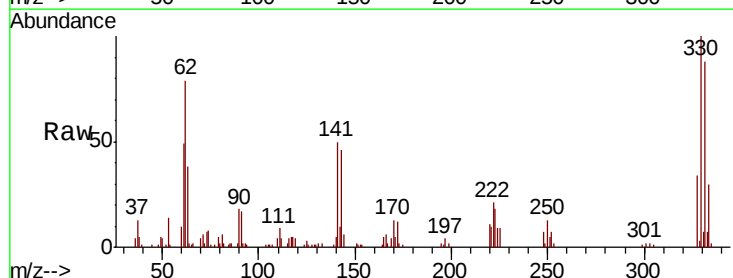
Tgt Ion:330 Resp: 58946

Ion Ratio Lower Upper

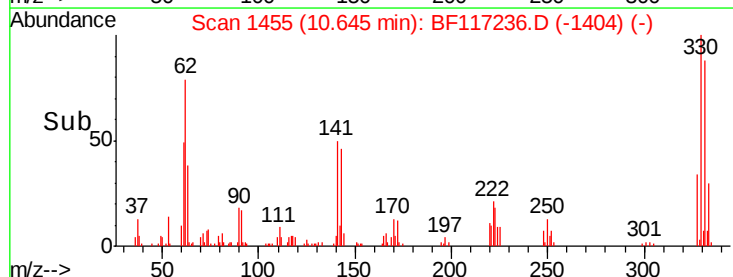
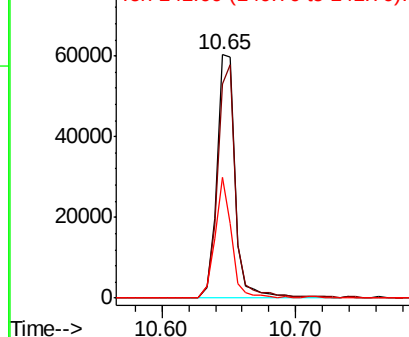
330 100

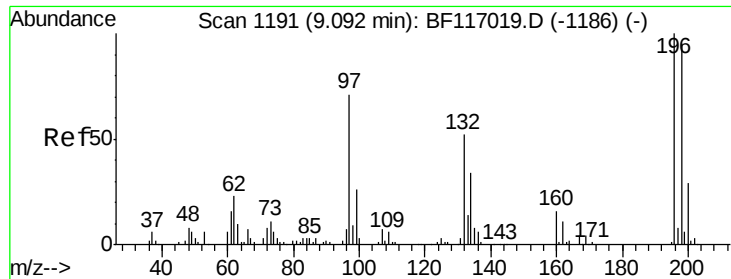
332 94.0 78.0 117.0

141 43.6 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

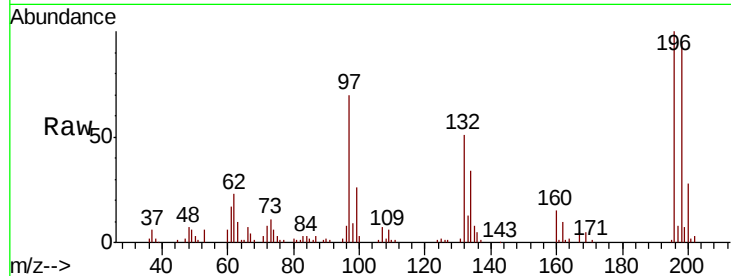




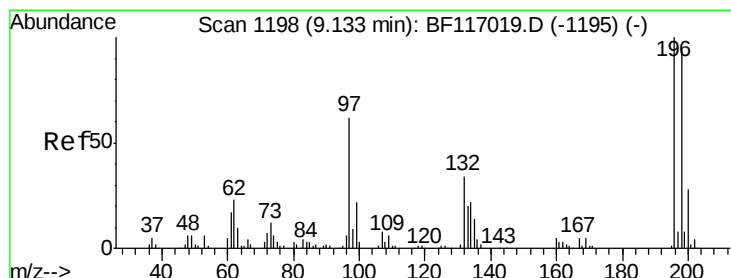
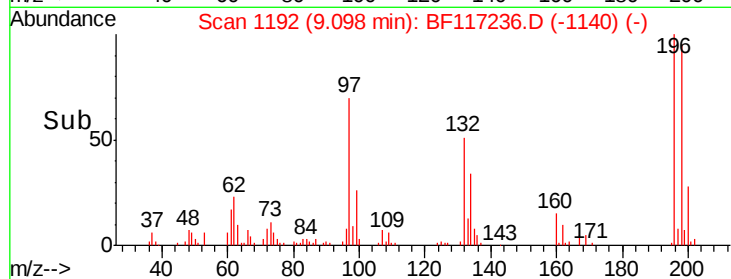
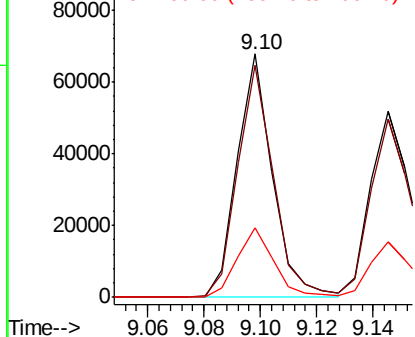
#43
 2,4,6-Trichlorophenol
 Concen: 37.896 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 59113
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 28.3 23.3 34.9



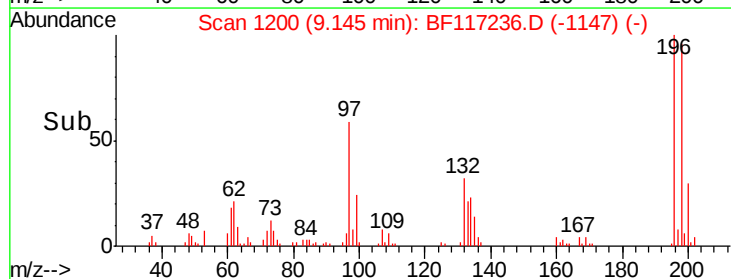
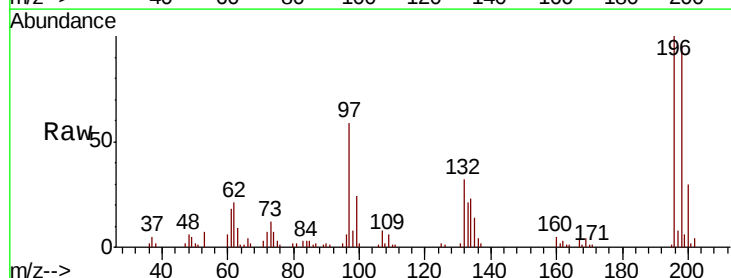
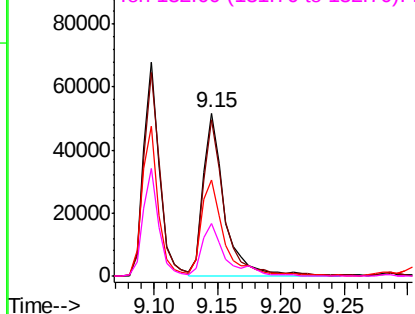
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

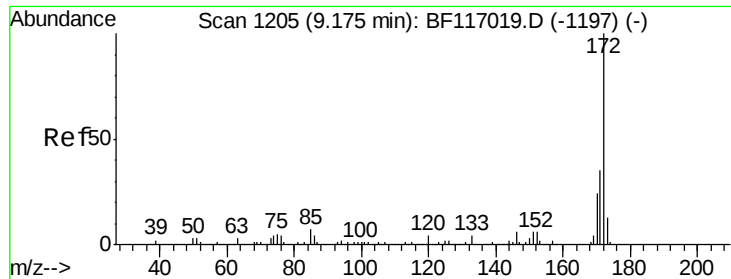


#44
 2,4,5-Trichlorophenol
 Concen: 36.531 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion:196 Resp: 60882
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.6 112.0
 97 59.0 49.5 74.3
 132 32.1 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

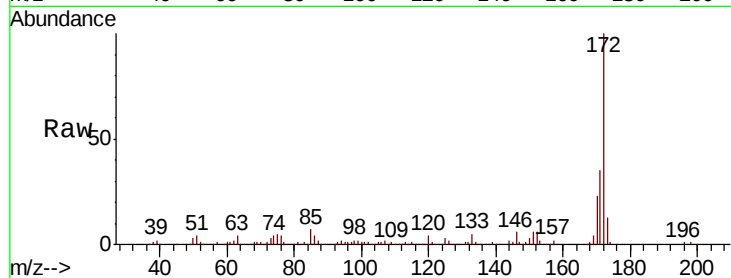




#45
2-Fluorobiphenyl
Concen: 82.032 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.0	18.9	28.3

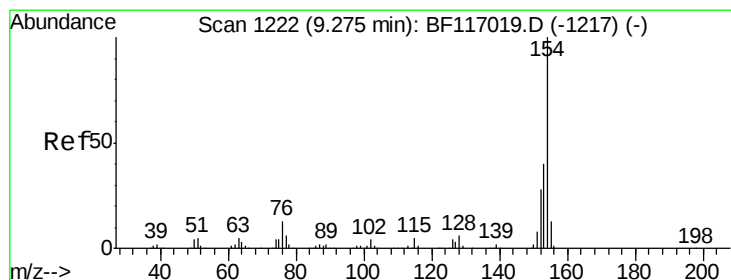
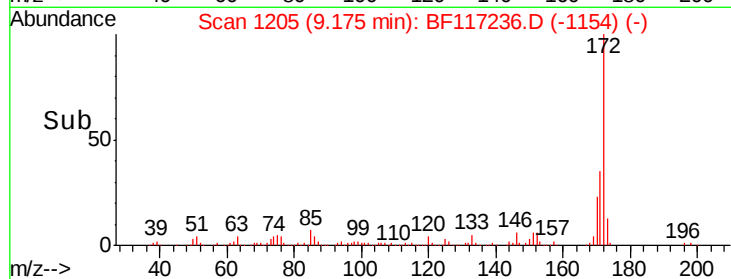
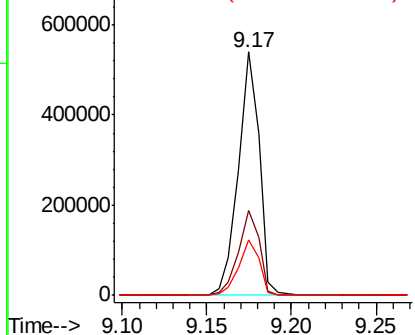


Abundance

Ion 172.00 (171.70 to 172.70): E

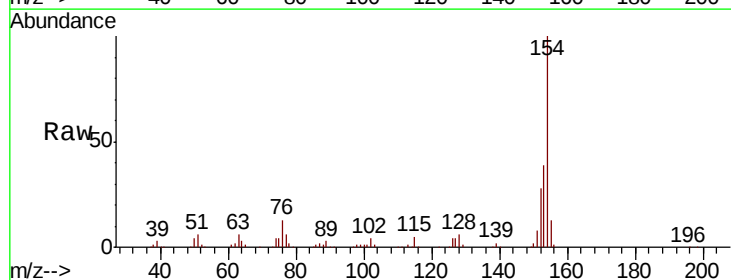
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.692 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.0	60.0
76	12.9	0.0	32.7

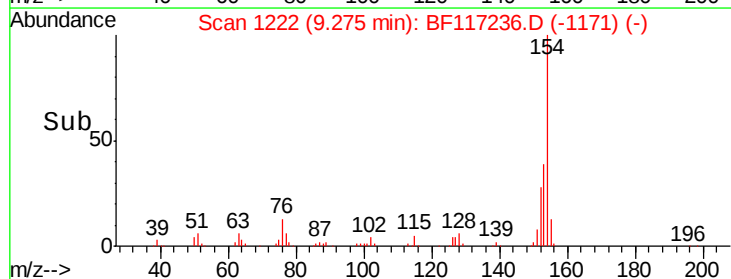
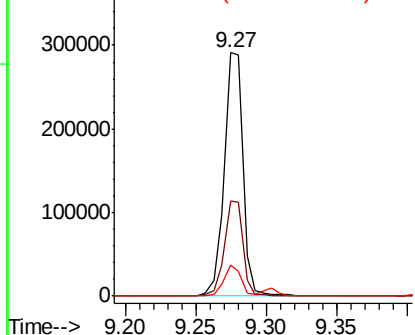


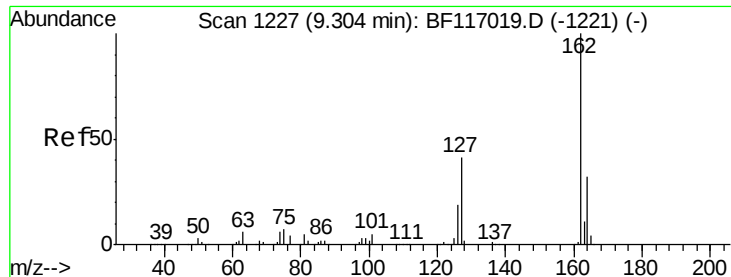
Abundance

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

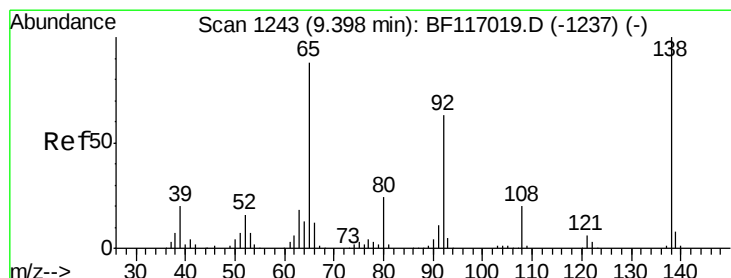
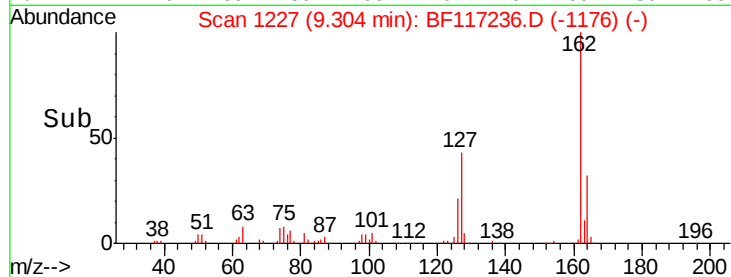
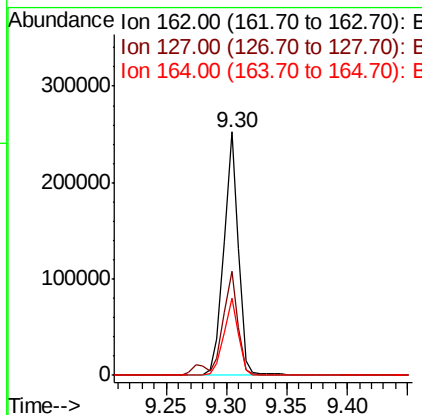
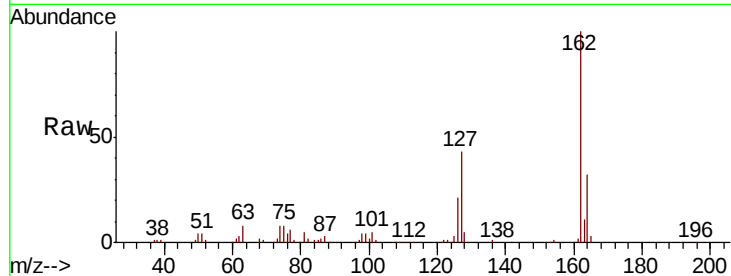




#47
 2-Chloronaphthalene
 Concen: 38.044 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

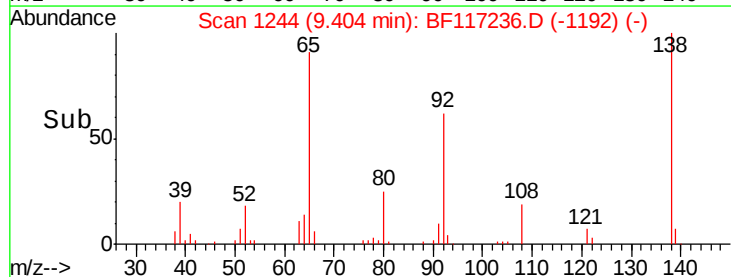
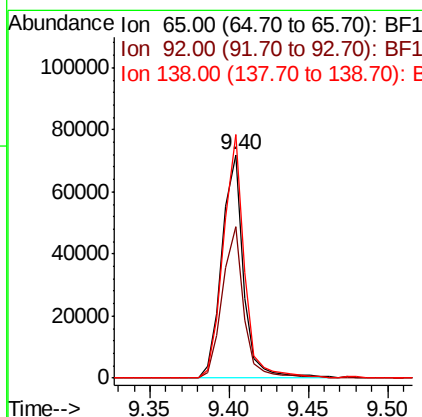
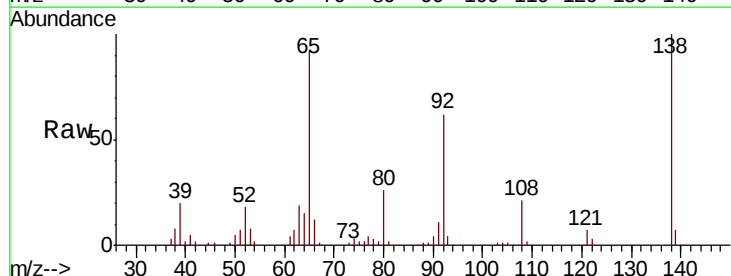
Instrument :
 BNA_F
 ClientSampleId :

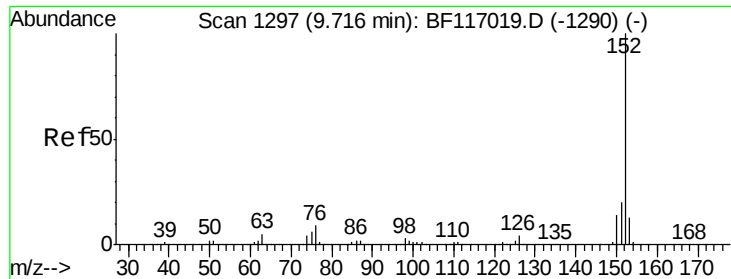
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	34.1	51.1
164	31.9	25.9	38.9



#48
 2-Nitroaniline
 Concen: 38.720 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	57.5	86.3
138	108.9	90.6	136.0





#49

Acenaphthylene

Concen: 37.633 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

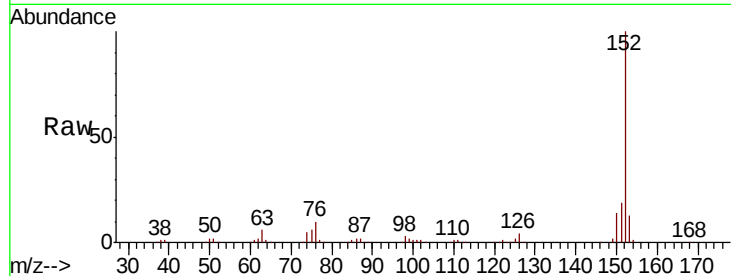
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 310656

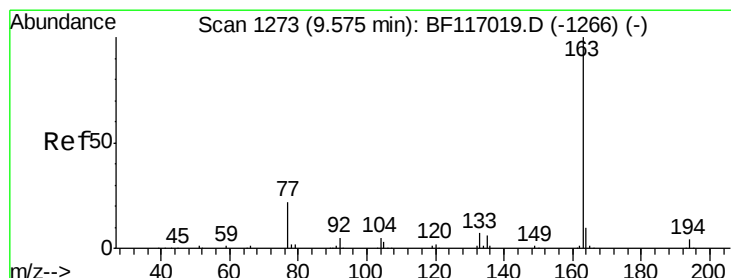
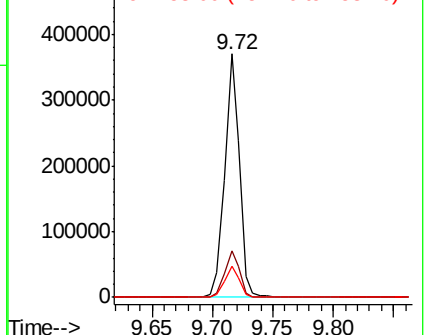
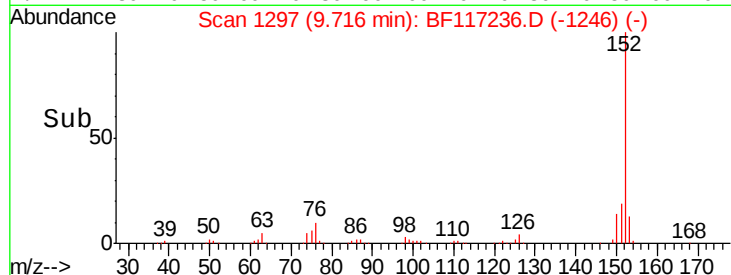
Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	13.0	10.2	15.4



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: 36.873 ng

RT: 9.57 min Scan# 1273

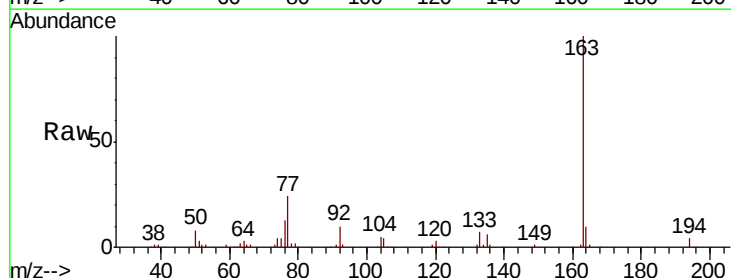
Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

Tgt Ion:163 Resp: 232394

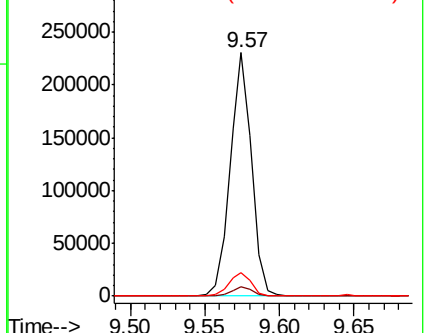
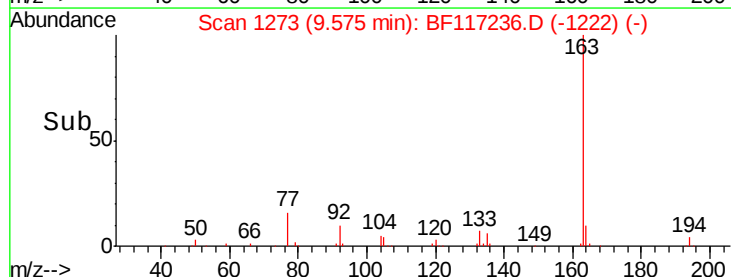
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	9.6	8.2	12.4

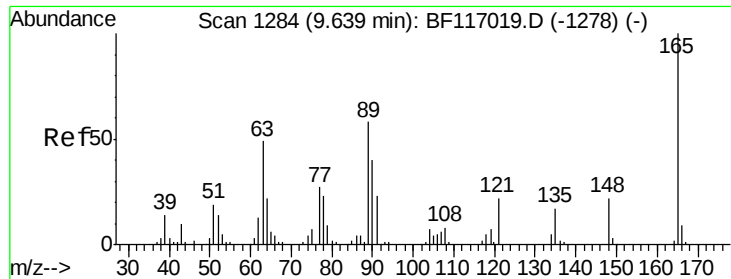


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

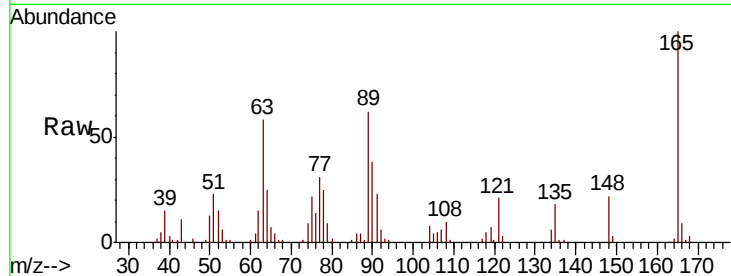




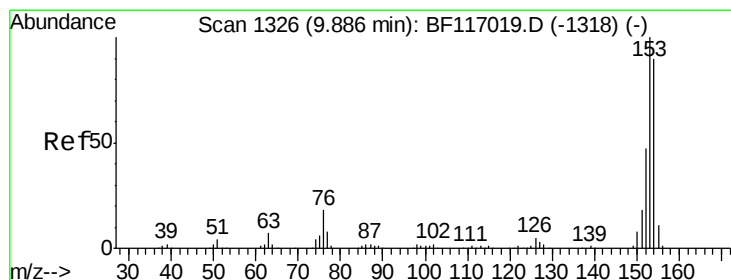
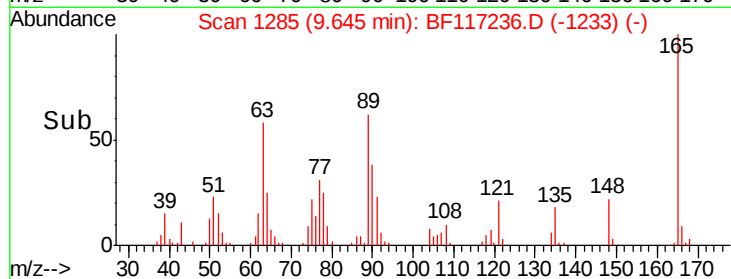
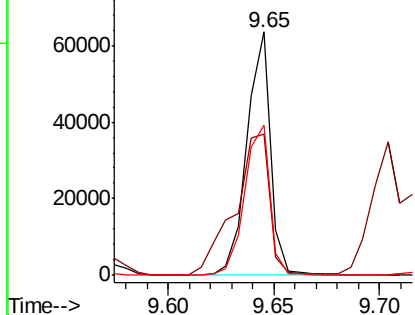
#51
2,6-Dinitrotoluene
Concen: 38.492 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 49409
Ion Ratio Lower Upper
165 100
63 57.8 41.8 62.8
89 61.9 46.5 69.7

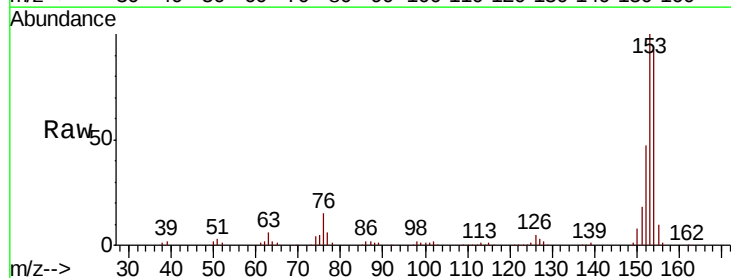


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

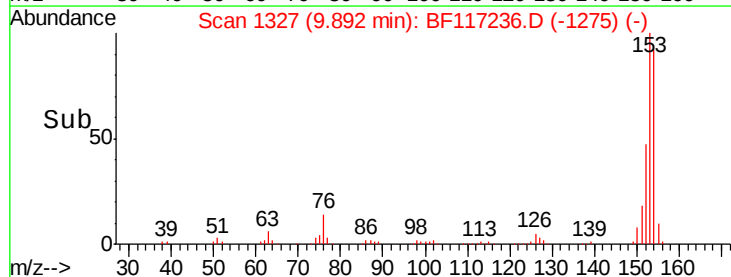
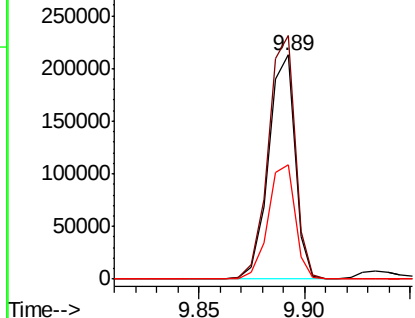


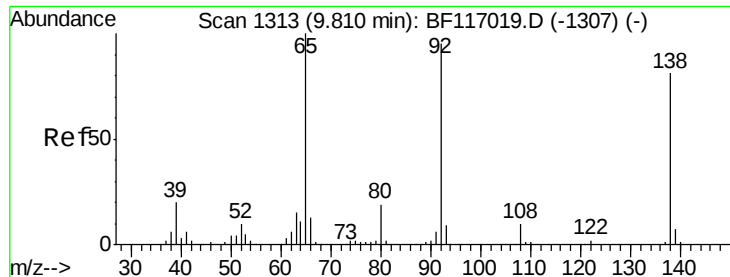
#52
Acenaphthene
Concen: 38.204 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion:154 Resp: 186946
Ion Ratio Lower Upper
154 100
153 108.7 89.0 133.6
152 51.0 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

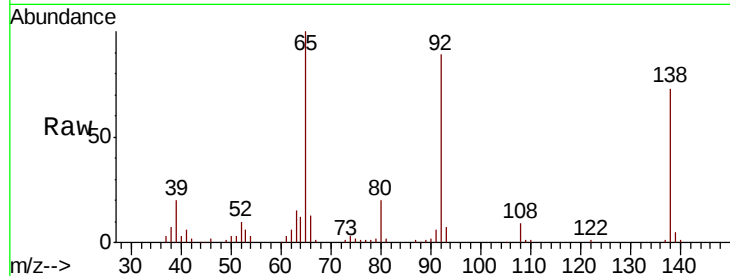




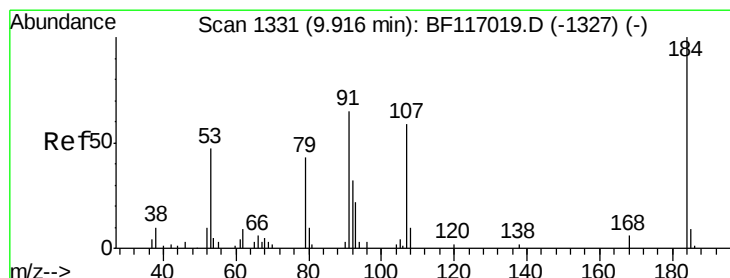
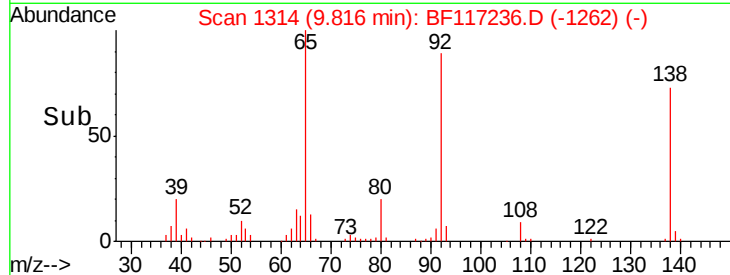
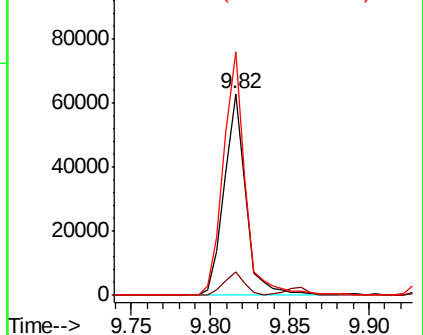
#53
3-Nitroaniline
Concen: 36.924 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 59801
Ion Ratio Lower Upper
138 100
108 11.9 9.5 14.3
92 120.7 94.1 141.1

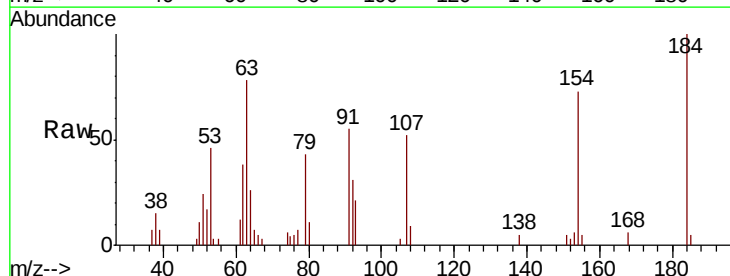


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

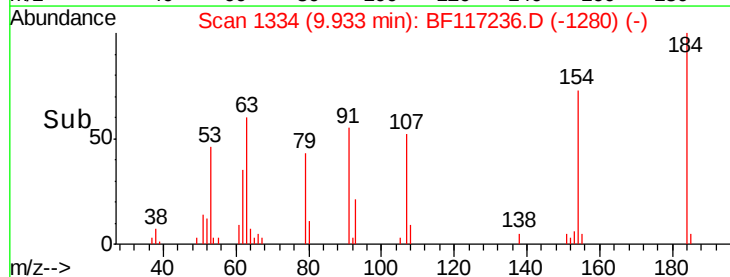
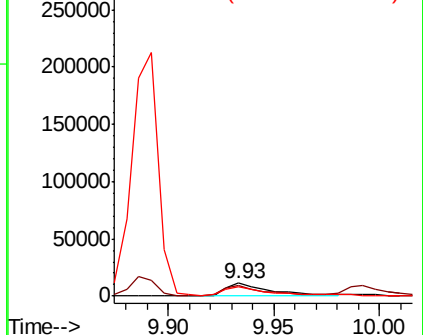


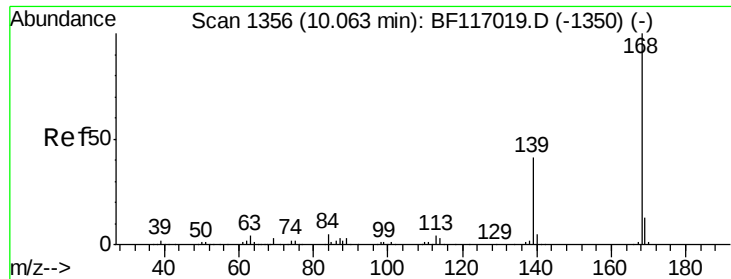
#54
2,4-Dinitrophenol
Concen: 35.478 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion:184 Resp: 16471
Ion Ratio Lower Upper
184 100
63 77.8 63.8 95.6
154 72.5 60.4 90.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

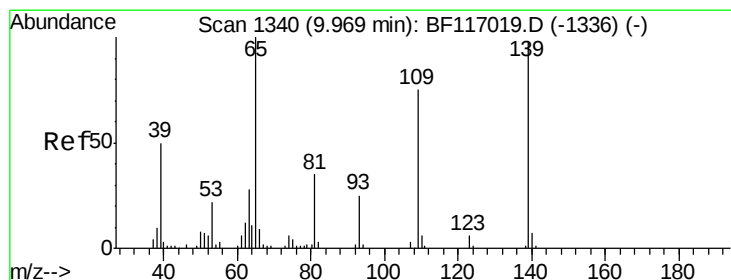
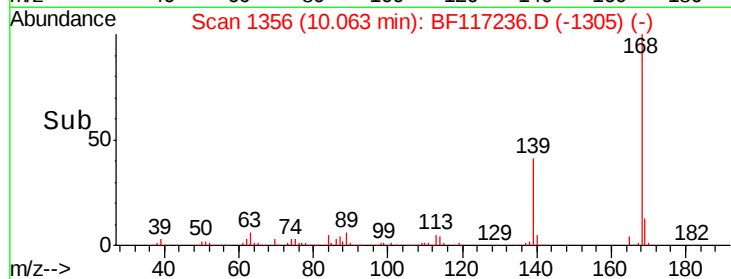
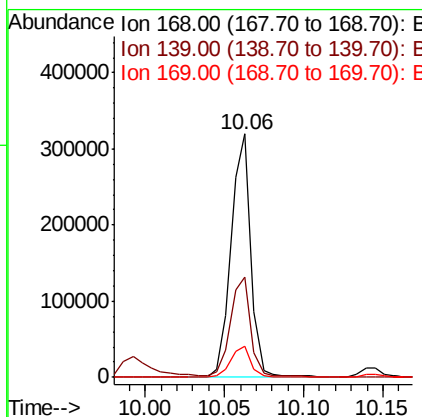
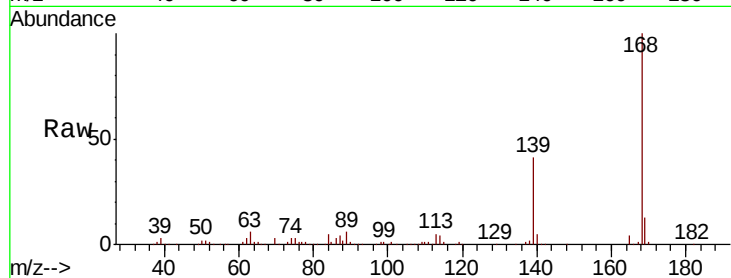




#55
 Dibenzofuran
 Concen: 38.482 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

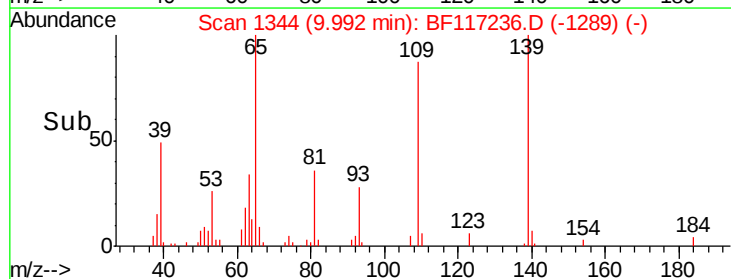
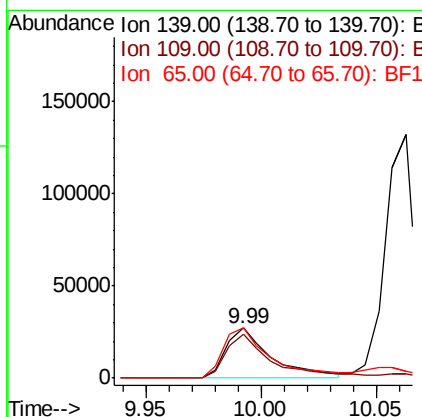
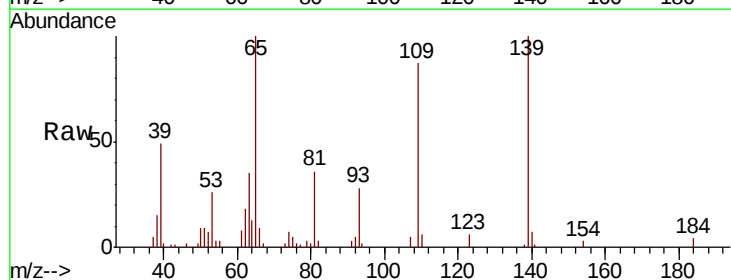
Instrument :
 BNA_F
 ClientSampleId :

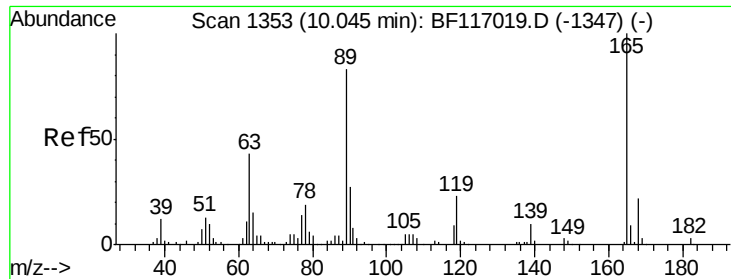
Tot Ion:168 Resp: 277834
 Ion Ratio Lower Upper
 168 100
 139 41.3 32.8 49.2
 169 12.9 10.5 15.7



#56
 4-Nitrophenol
 Concen: 35.279 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.02 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion:139 Resp: 37031
 Ion Ratio Lower Upper
 139 100
 109 86.7 56.4 96.4
 65 99.9 82.5 122.5

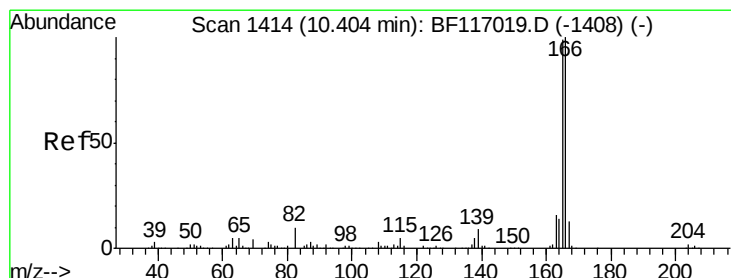
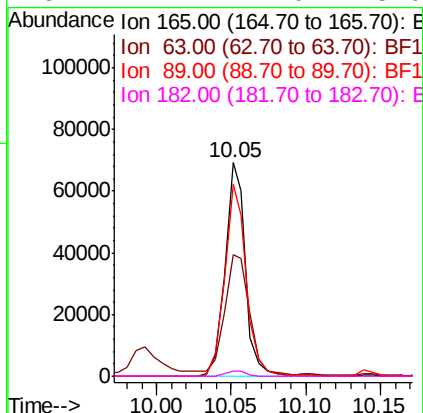
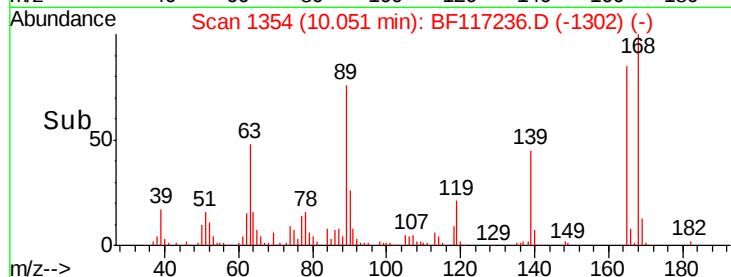
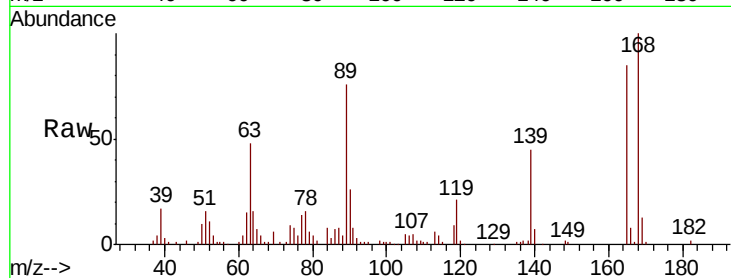




#57
 2,4-Dinitrotoluene
 Concen: 40.256 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

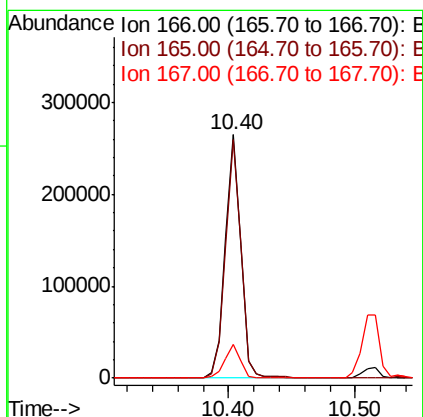
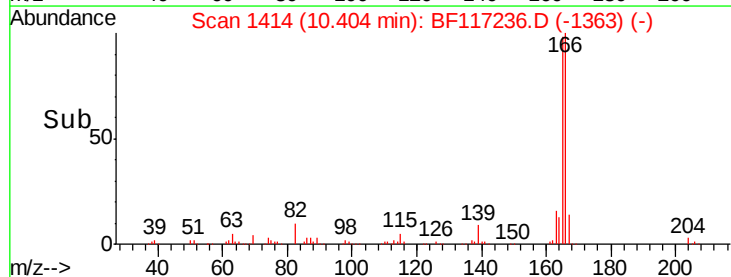
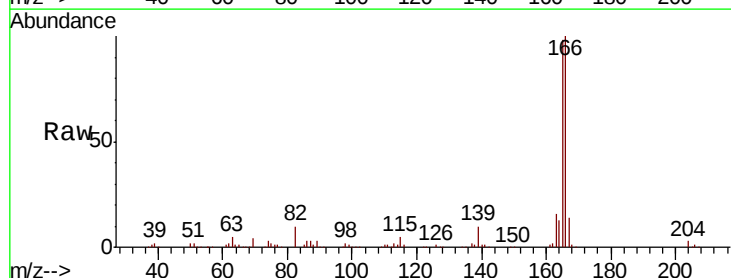
Instrument :
 BNA_F
 ClientSampleId :

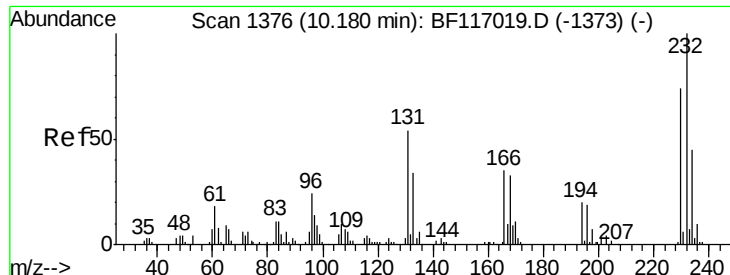
Tot Ion:165 Resp: 67076
 Ion Ratio Lower Upper
 165 100
 63 57.0 35.0 52.4#
 89 89.9 66.1 99.1
 182 2.4 2.0 3.0



#58
 Fluorene
 Concen: 38.953 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion:166 Resp: 226547
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.9 118.3
 167 13.7 10.6 15.8

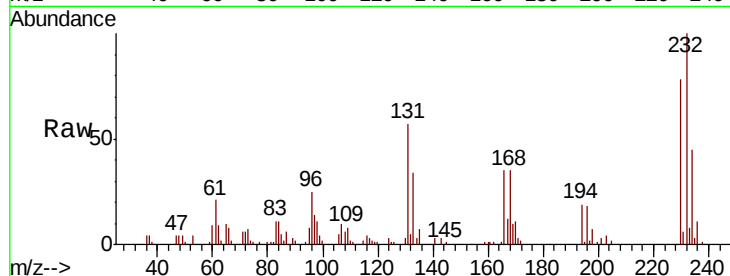




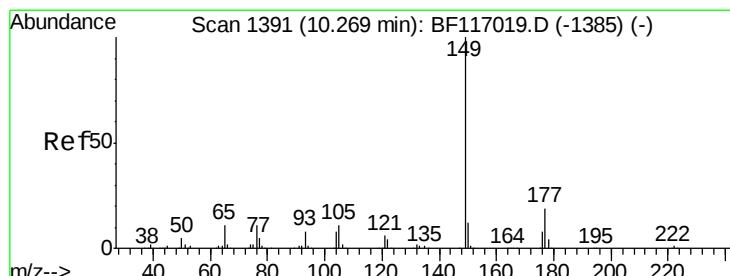
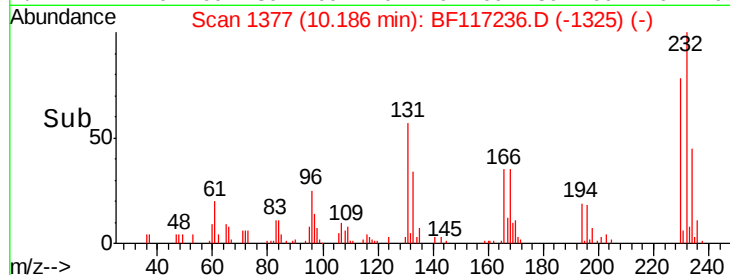
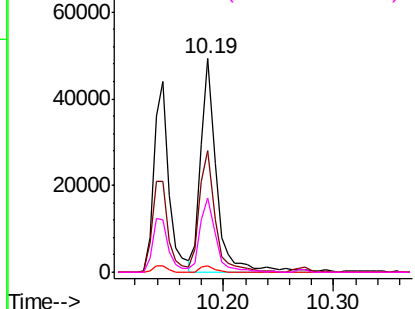
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.787 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	48192
Ion	Ratio	Lower	Upper
232	100		
131	56.9	45.3	67.9
130	2.6	1.8	2.8
166	34.9	29.4	44.2

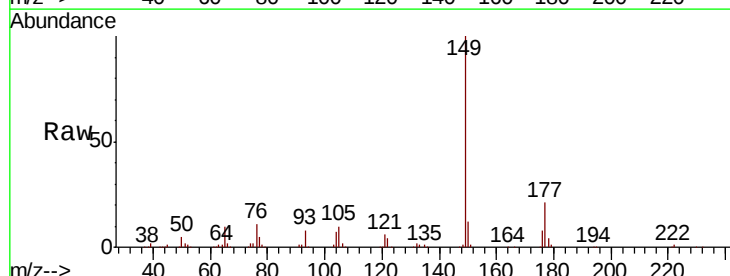


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

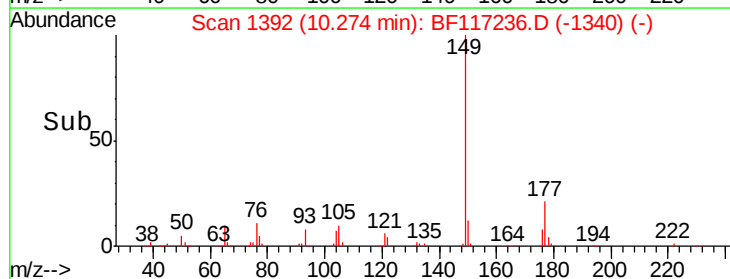
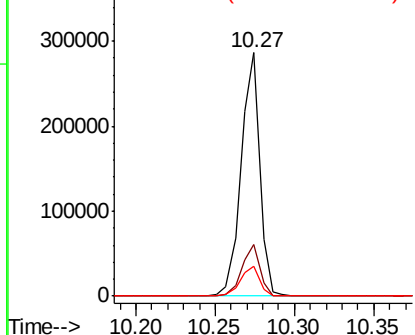


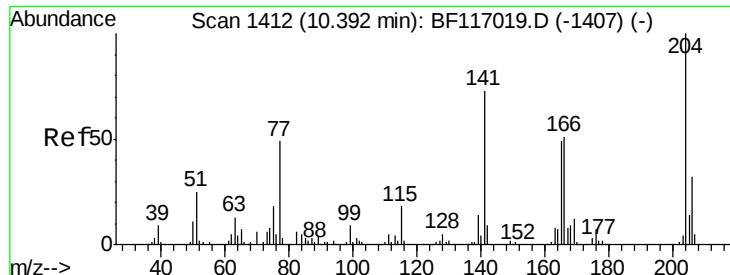
#60
 Diethylphthalate
 Concen: 37.734 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion:	149	Resp:	233971
Ion	Ratio	Lower	Upper
149	100		
177	21.1	15.2	22.8
150	12.2	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

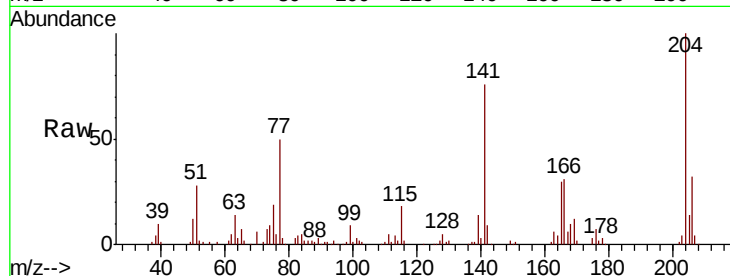




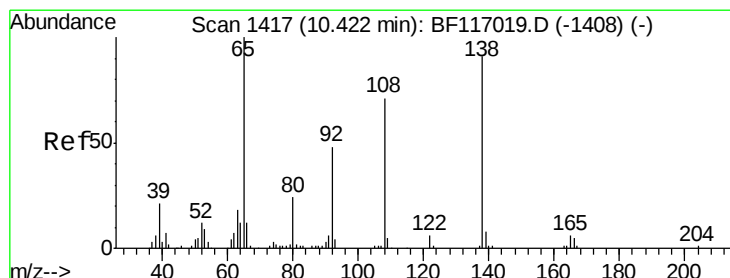
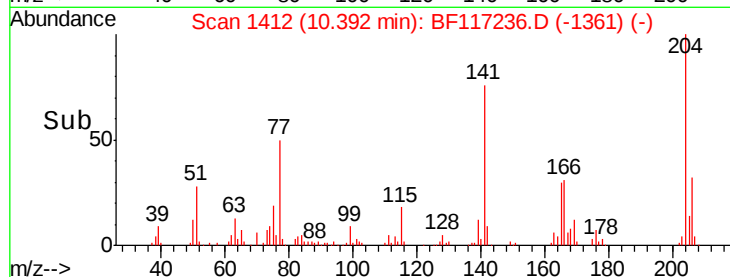
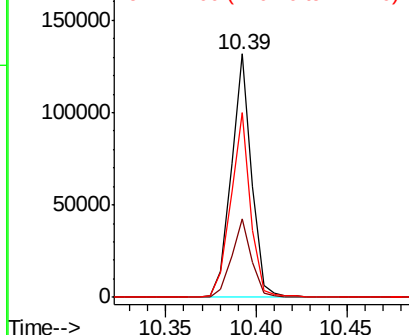
#61
4-Chlorophenyl-phenylether
Concen: 40.626 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 102228
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 75.7 58.2 87.2

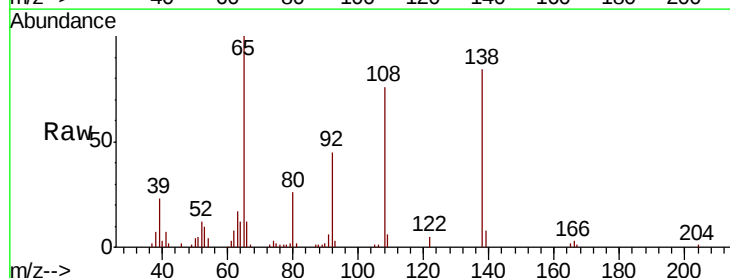


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

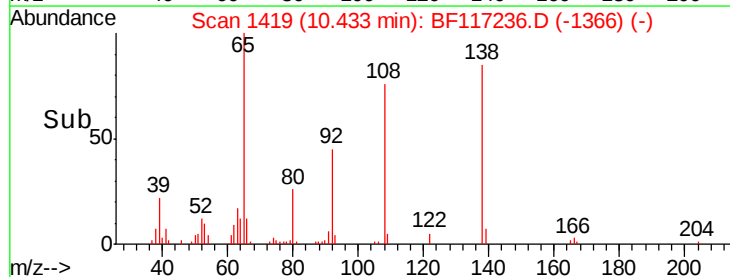
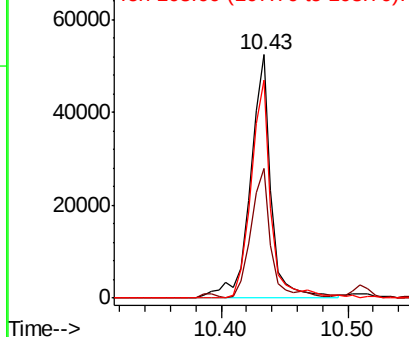


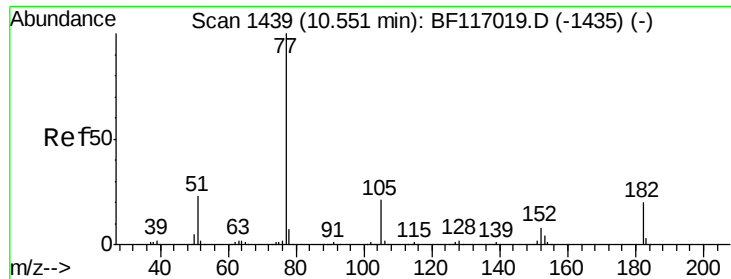
#62
4-Nitroaniline
Concen: 35.554 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion:138 Resp: 59882
Ion Ratio Lower Upper
138 100
92 53.1 32.9 72.9
108 89.7 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: 38.658 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 244818

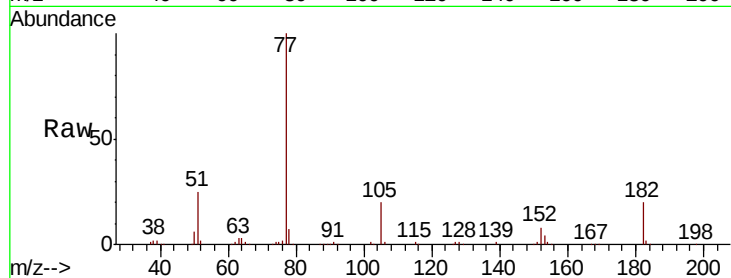
Ion Ratio Lower Upper

77 100

182 20.0 0.4 40.4

105 20.4 0.9 40.9

51 25.5 2.8 42.8

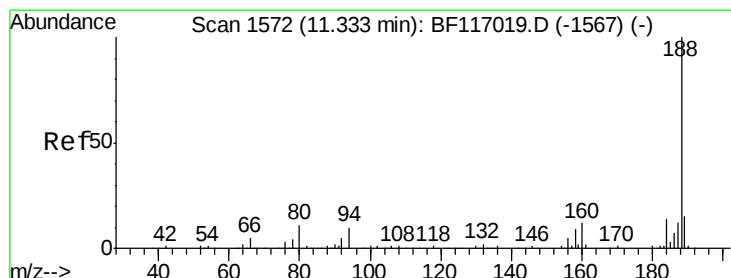
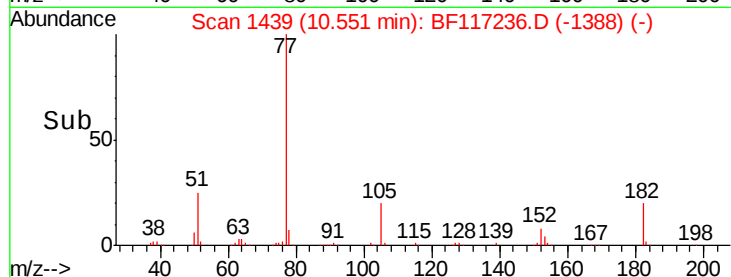
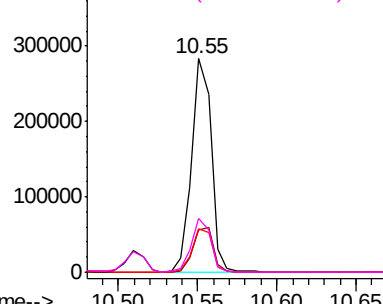


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

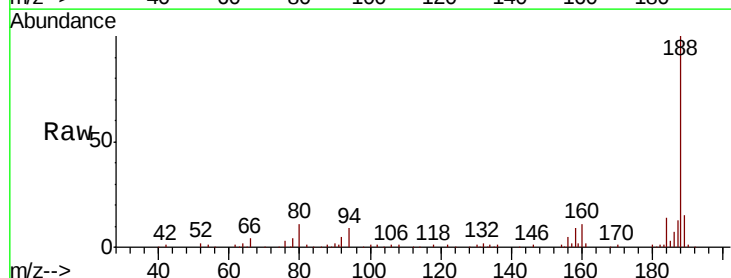
Tgt Ion: 188 Resp: 139993

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

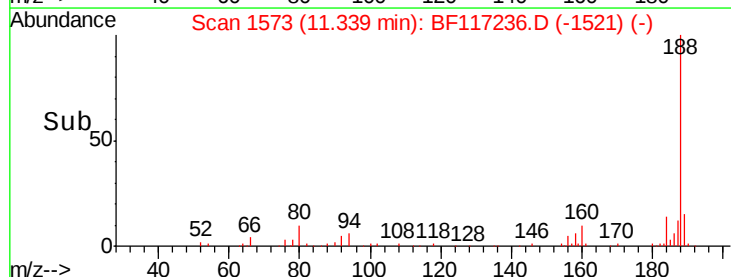
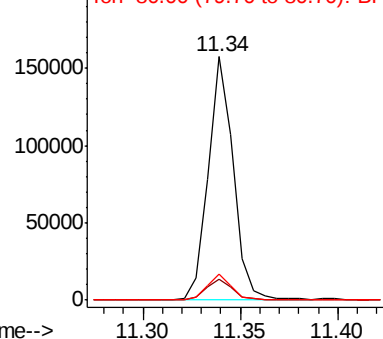
80 10.5 9.0 13.6

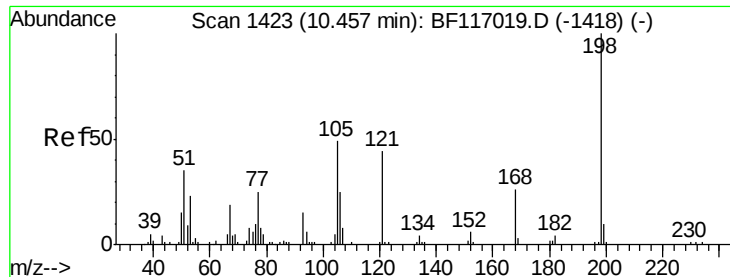


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

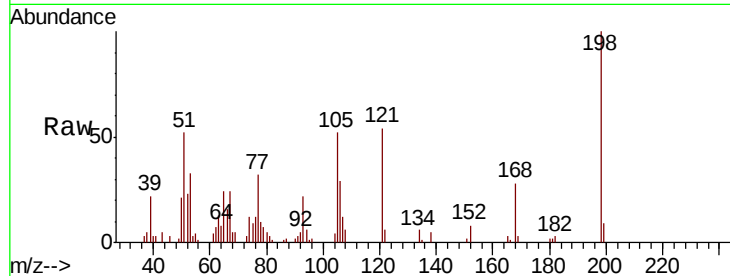




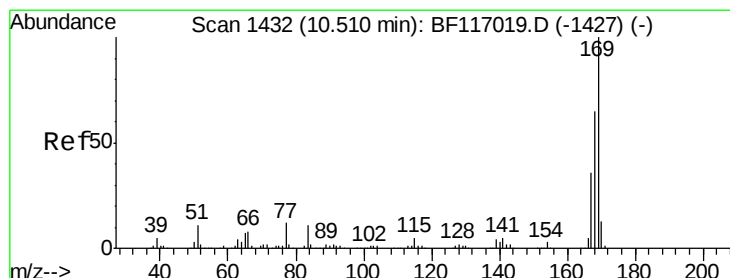
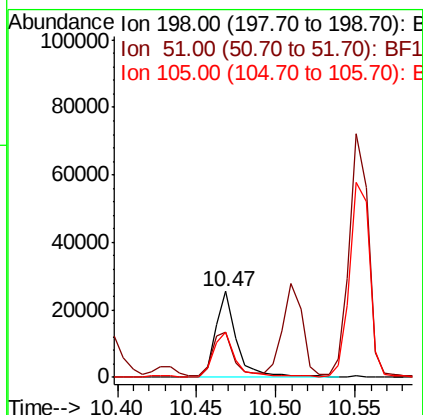
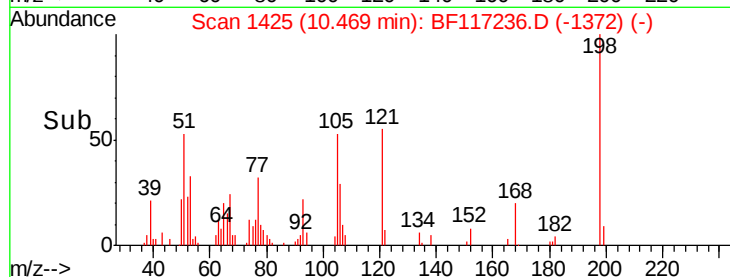
#65
4,6-Dinitro-2-methylphenol
Concen: 38.296 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 23388
Ion Ratio Lower Upper
198 100
51 52.3 18.7 58.7
105 52.3 30.2 70.2

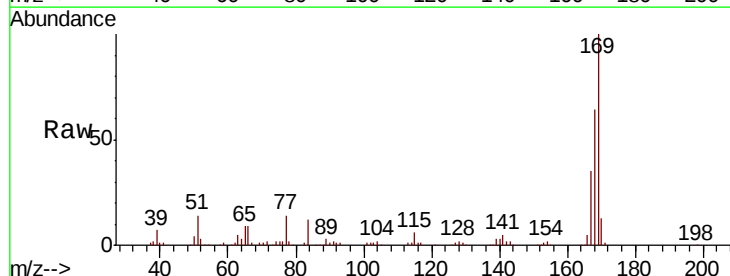


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

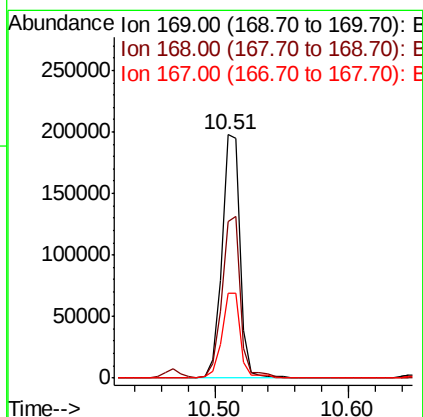
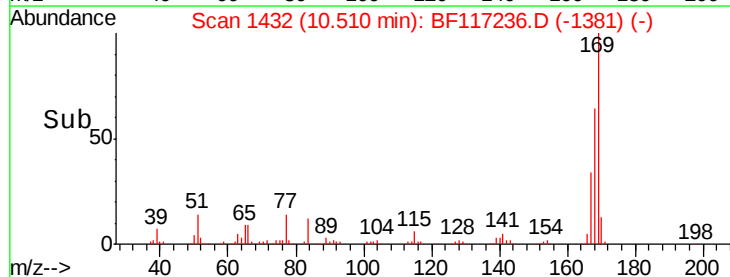


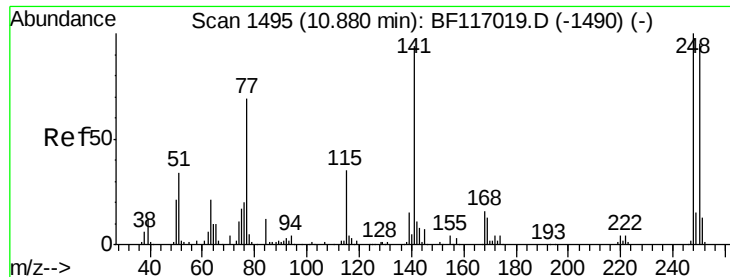
#66
n-Nitrosodiphenylamine
Concen: 39.428 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion:169 Resp: 190627
Ion Ratio Lower Upper
169 100
168 64.2 52.2 78.2
167 34.6 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

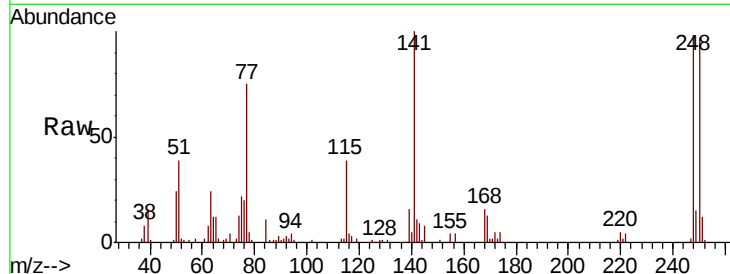




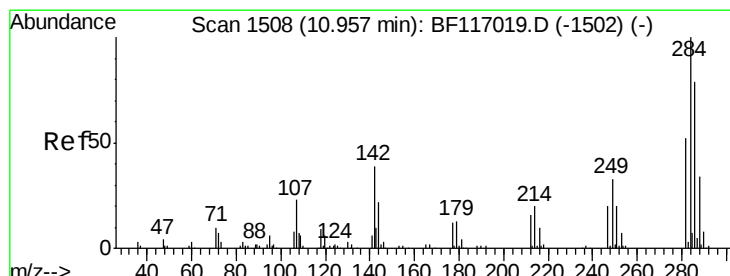
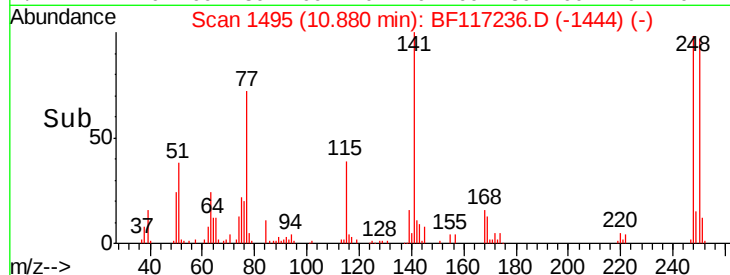
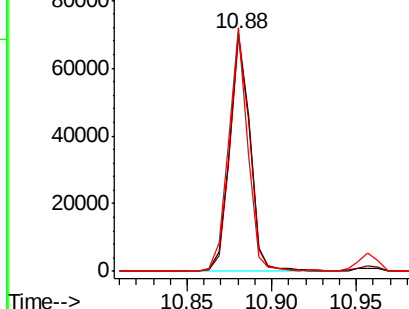
#67
 4-Bromophenyl-phenylether
 Concen: 40.678 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	248	Resp:	58156
Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.2	114.4
141	102.2	75.0	112.4

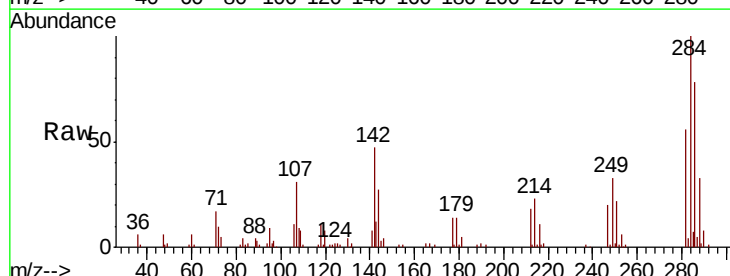


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

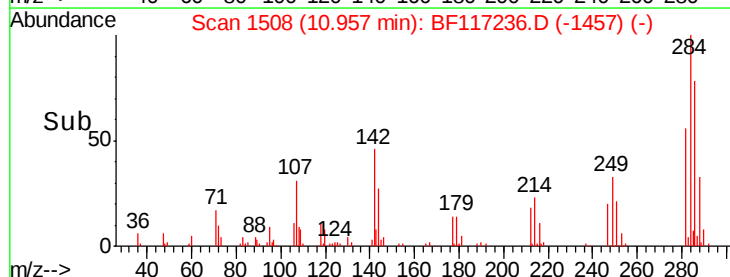
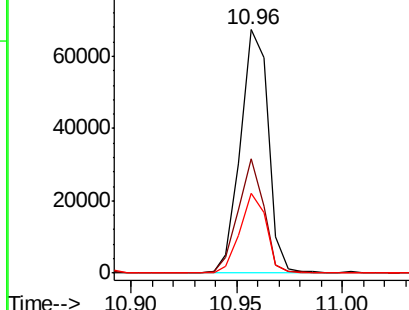


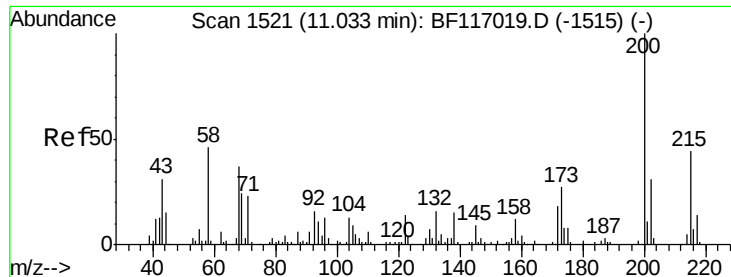
#68
 Hexachlorobenzene
 Concen: 39.457 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion:	284	Resp:	61700
Ion	Ratio	Lower	Upper
284	100		
142	47.2	31.4	47.2#
249	33.0	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

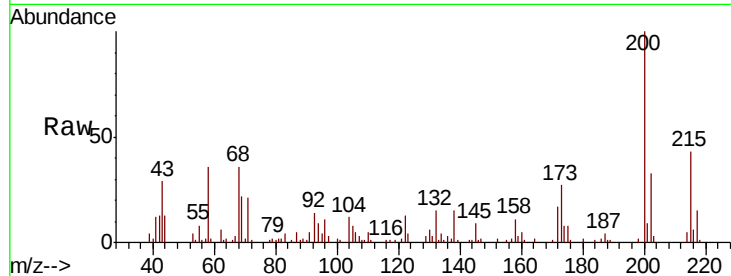




#69
 Atrazine
 Concen: 34.405 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	43.1	23.8	63.8

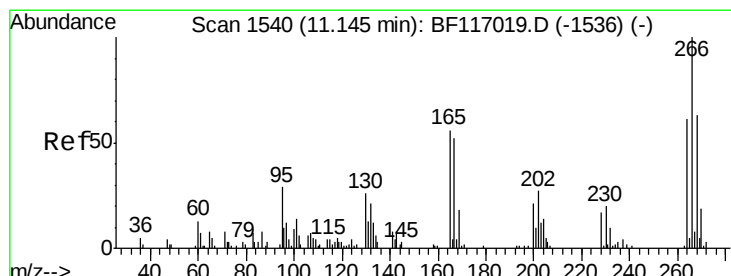
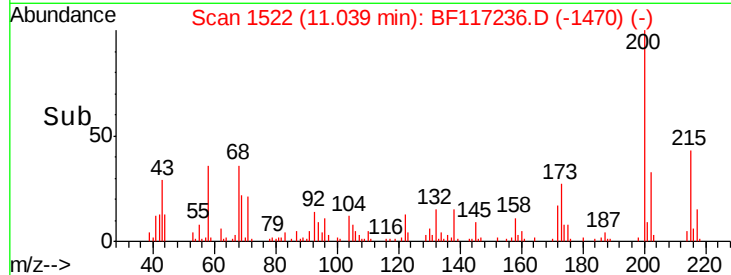
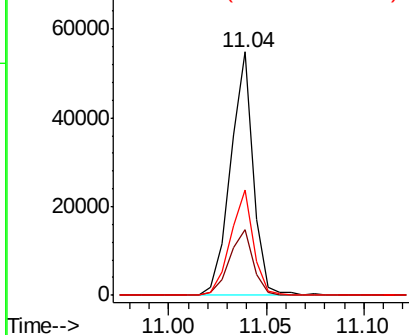


Abundance

Ion 200.00 (199.70 to 200.70): E

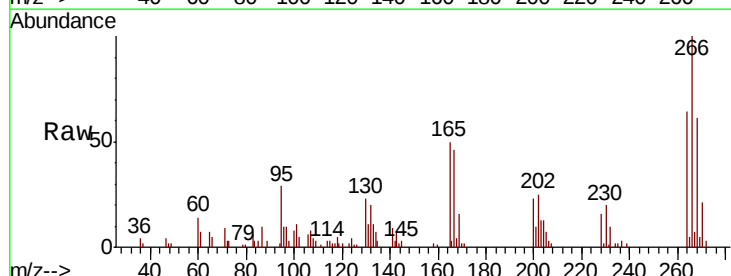
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 42.825 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	50.5	75.7
264	64.4	48.8	73.2

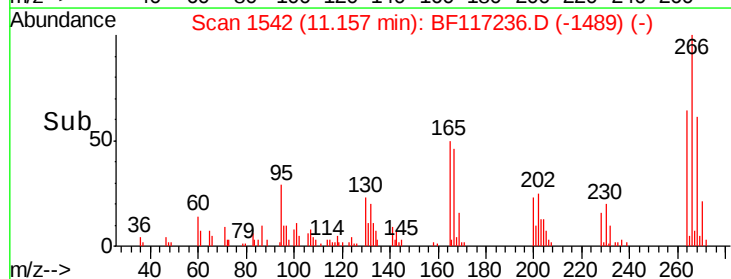
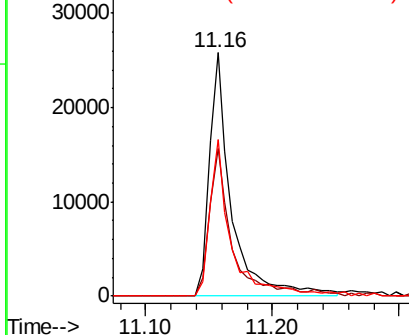


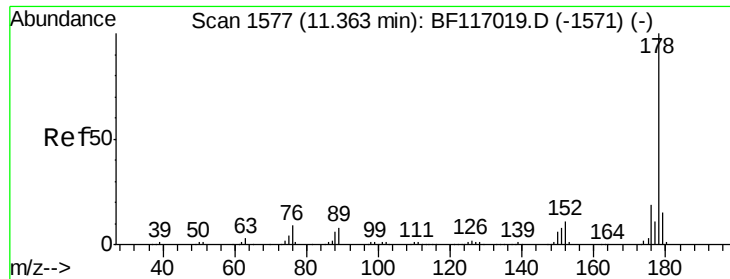
Abundance

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

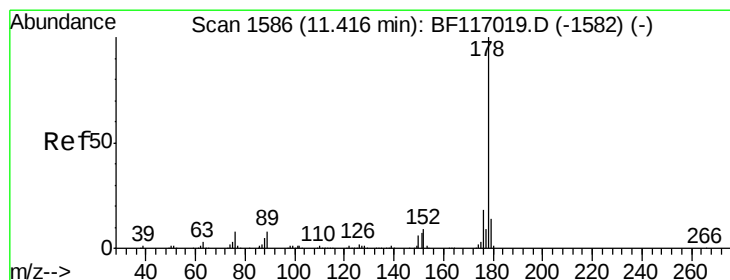
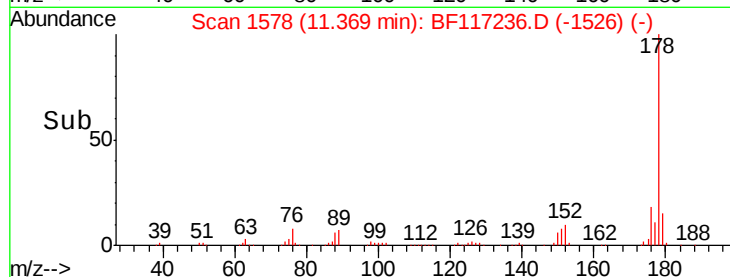
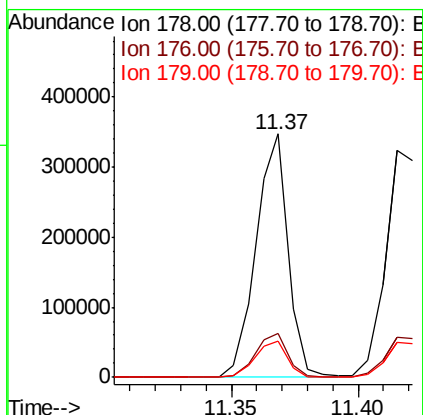
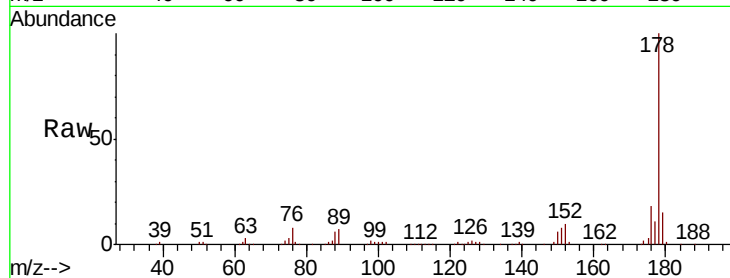




#71
Phenanthrene
Concen: 38.648 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

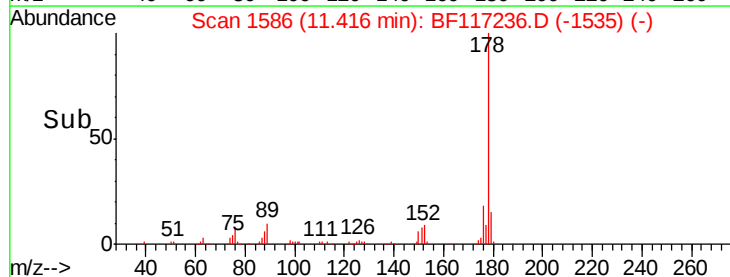
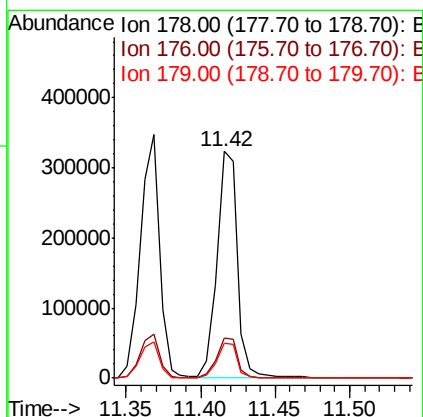
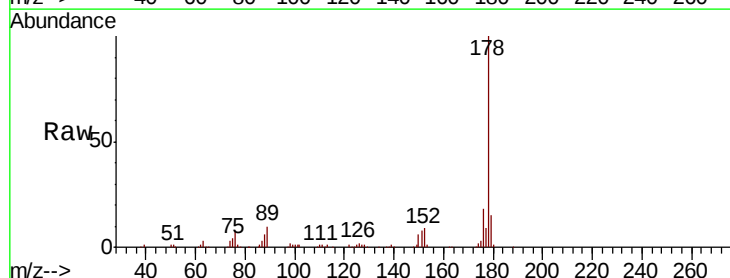
Instrument :
BNA_F
ClientSampleId :

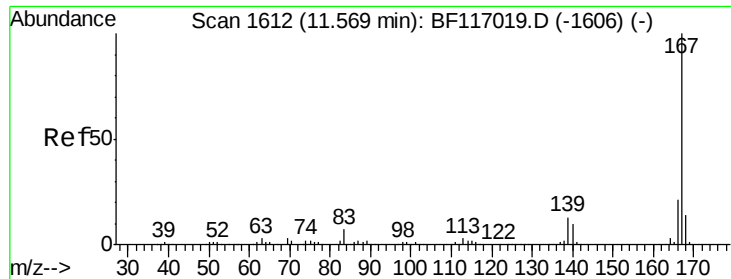
Tot Ion:178 Resp: 307313
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 14.9 12.4 18.6



#72
Anthracene
Concen: 38.560 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion:178 Resp: 313030
Ion Ratio Lower Upper
178 100
176 17.6 14.6 21.8
179 15.2 11.6 17.4

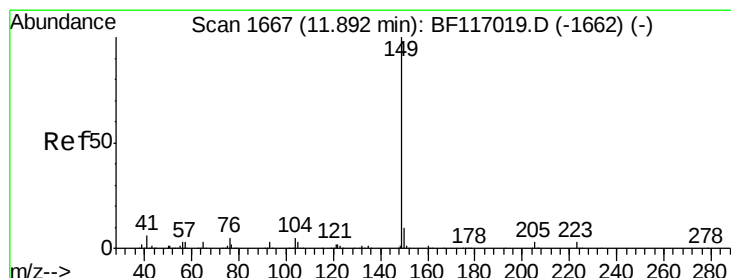
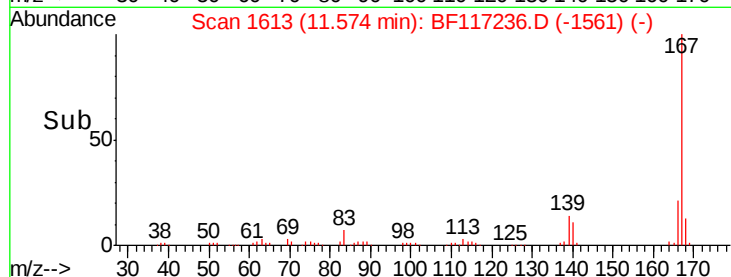
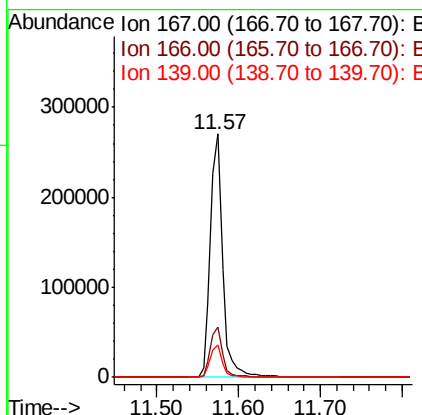
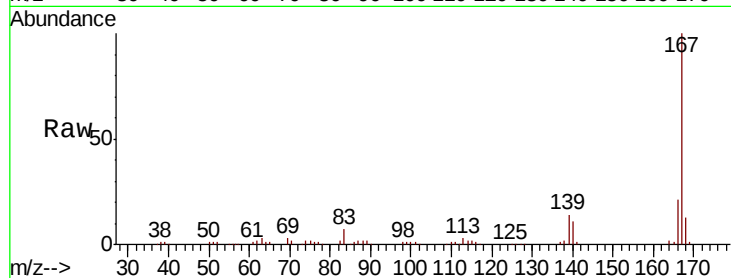




#73
 Carbazole
 Concen: 36.944 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

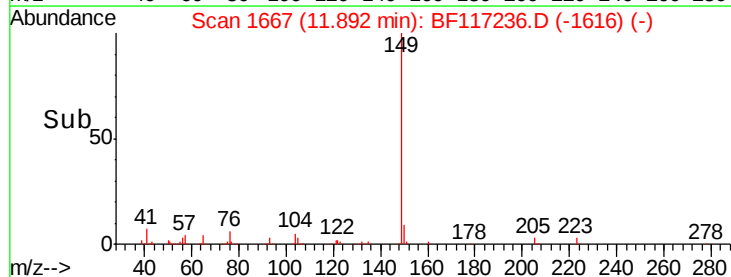
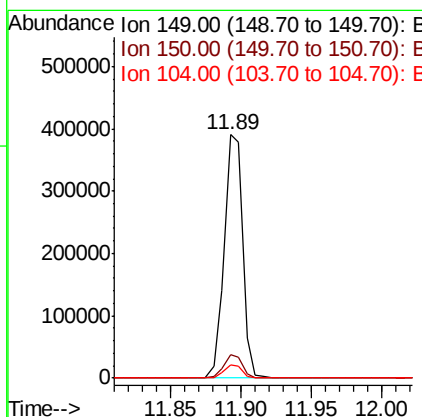
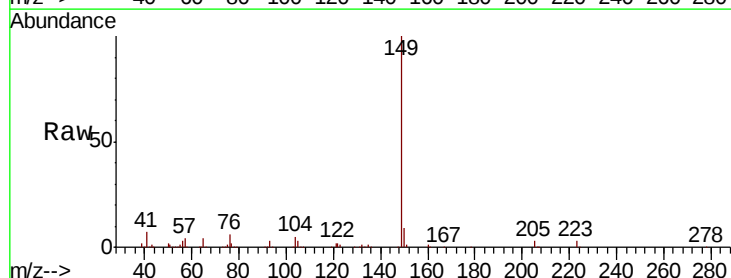
Instrument :
 BNA_F
 ClientSampleId :

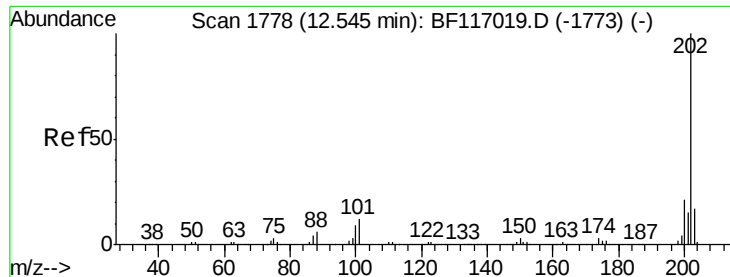
Tot Ion:167 Resp: 284671
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 38.823 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion:149 Resp: 355929
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.5 4.2 6.4

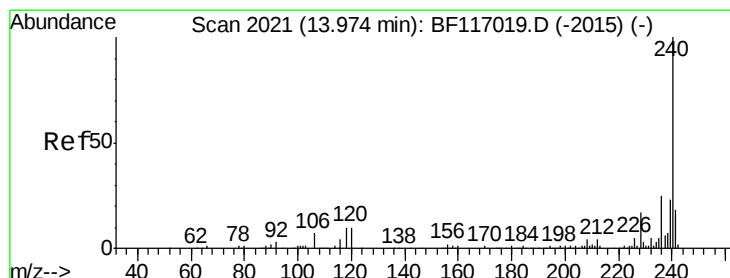
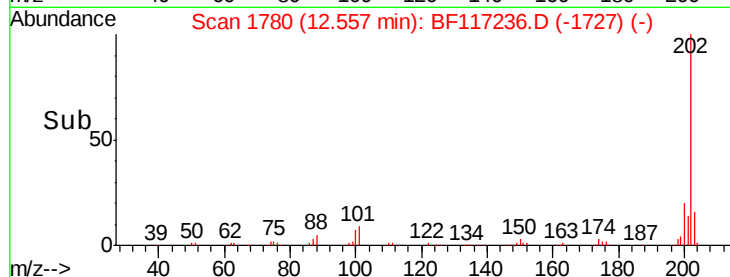
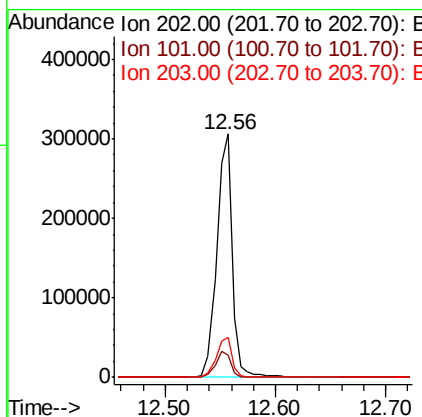
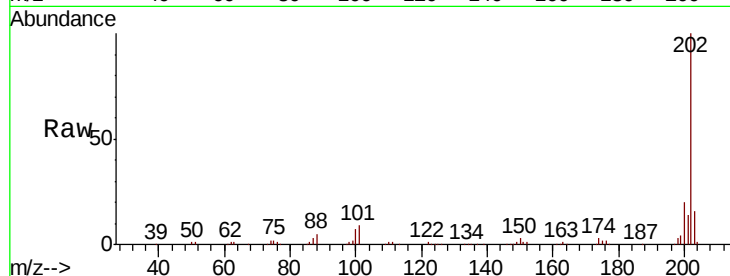




#75
 Fluoranthene
 Concen: 36.297 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

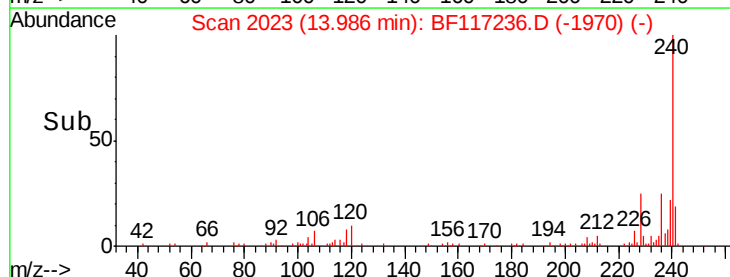
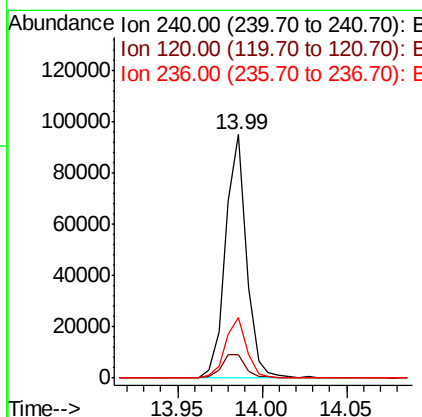
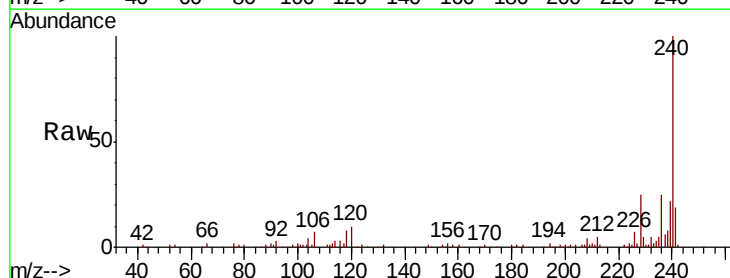
Instrument :
 BNA_F
 ClientSampleId :

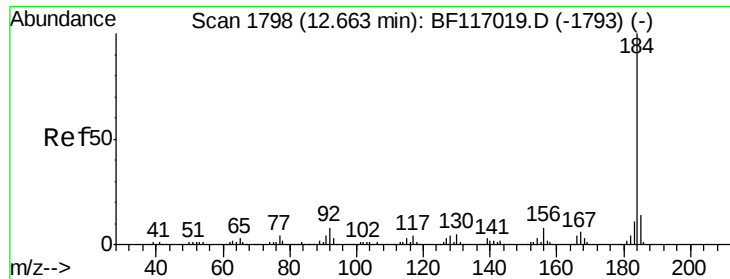
Tot Ion	Ratio	Resp	Lower	Upper
202	100	296557		
101	9.3		0.0	32.3
203	16.3		0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	81729		
120	9.6		8.3	12.5
236	24.8		20.3	30.5

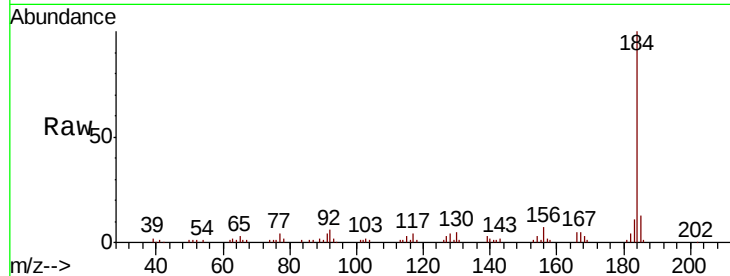




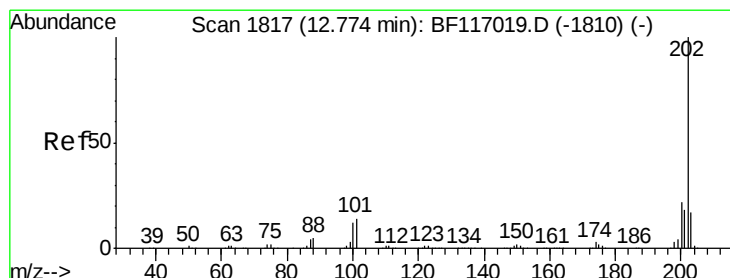
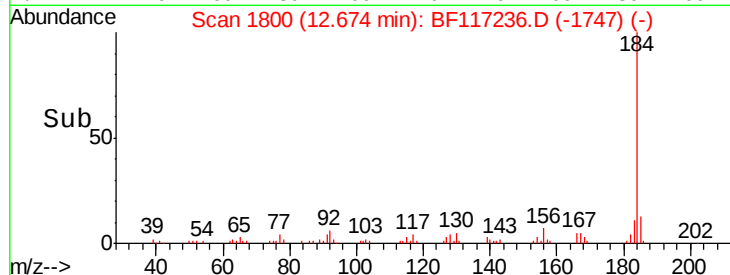
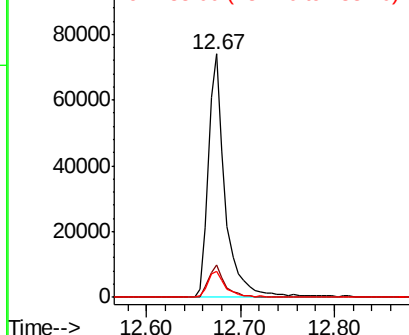
#77
Benzidine
Concen: 35.616 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 93767
Ion Ratio Lower Upper
184 100
185 13.3 11.6 17.4
183 10.9 9.0 13.4

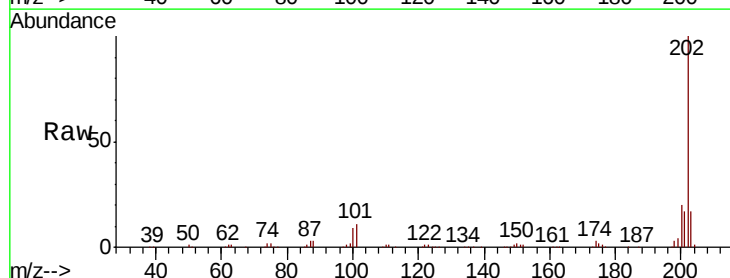


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

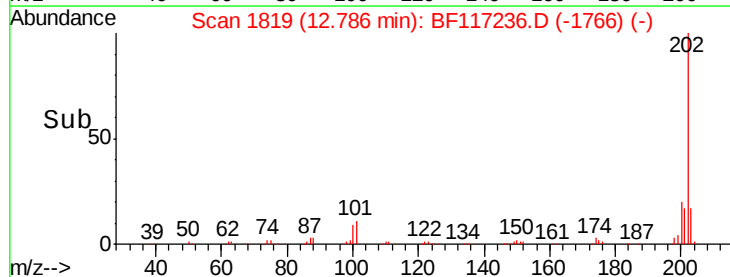
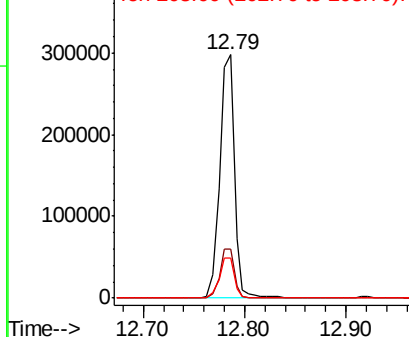


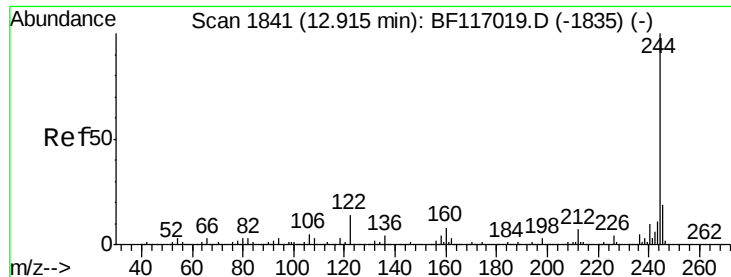
#78
Pyrene
Concen: 43.635 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion:202 Resp: 299236
Ion Ratio Lower Upper
202 100
200 20.2 17.2 25.8
203 16.5 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

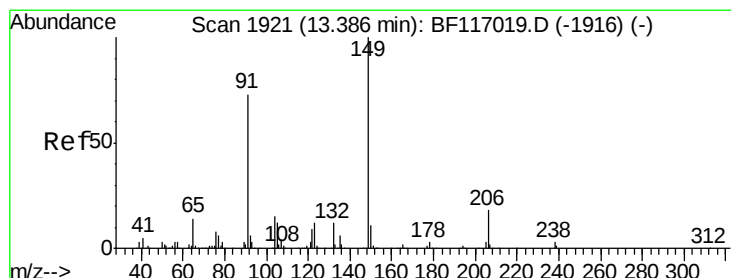
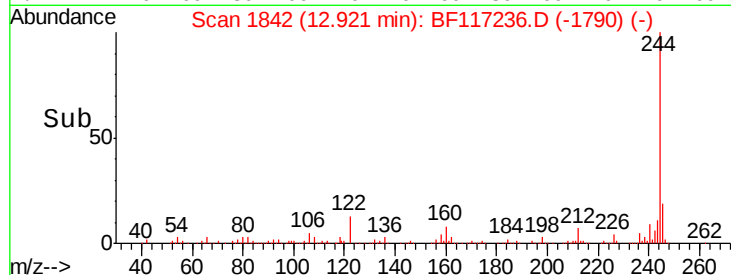
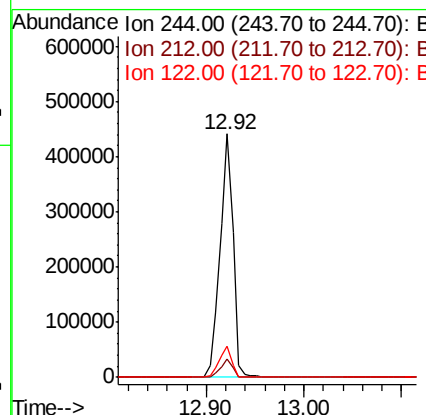
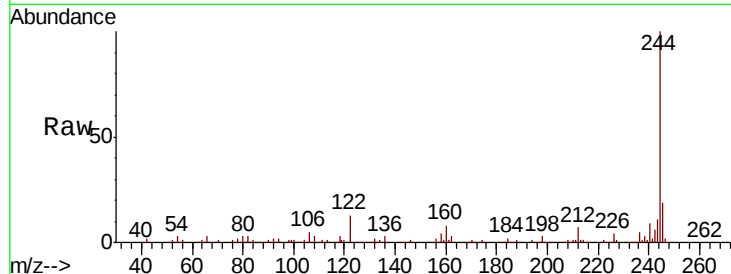




#79
 Terphenyl-d14
 Concen: 94.269 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

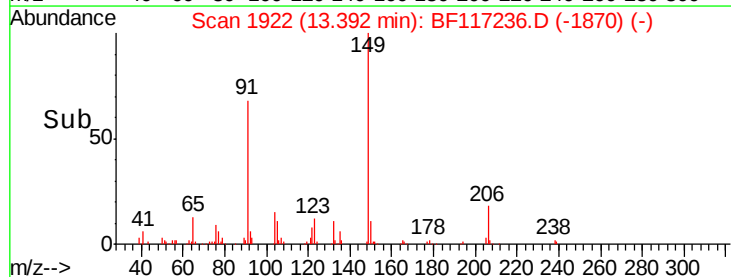
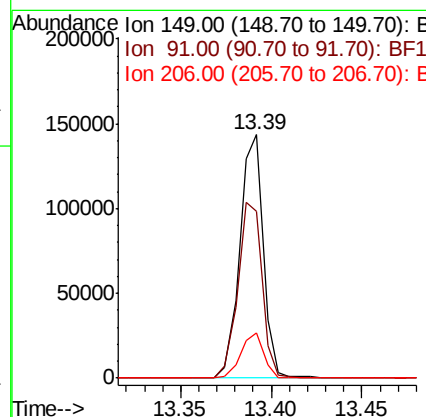
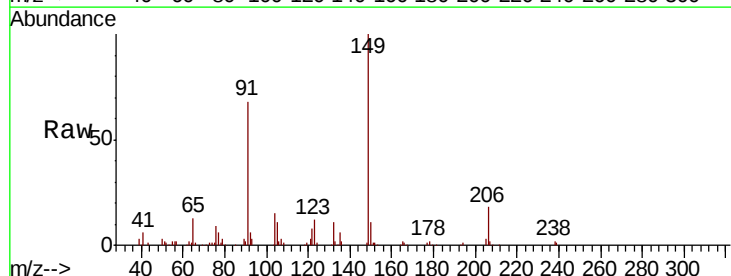
Instrument :
 BNA_F
 ClientSampled :

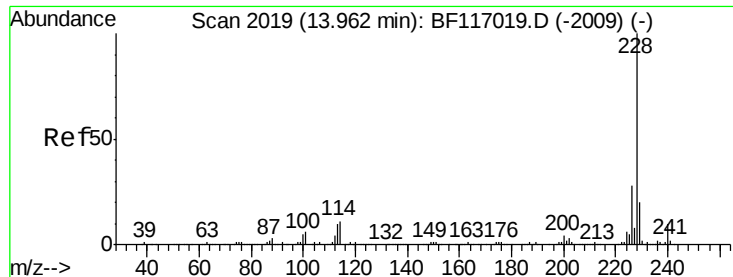
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.9	11.3	16.9



#80
 Butylbenzylphthalate
 Concen: 39.818 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117236.D
 Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	58.8	88.2
206	18.5	14.1	21.1

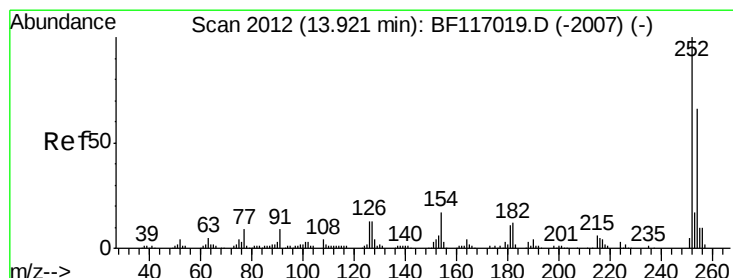
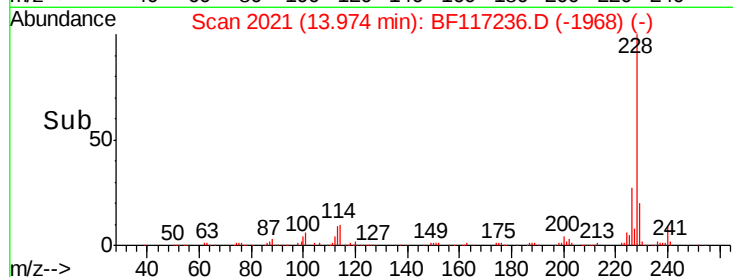
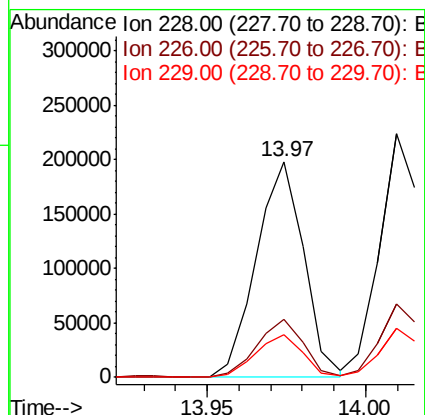
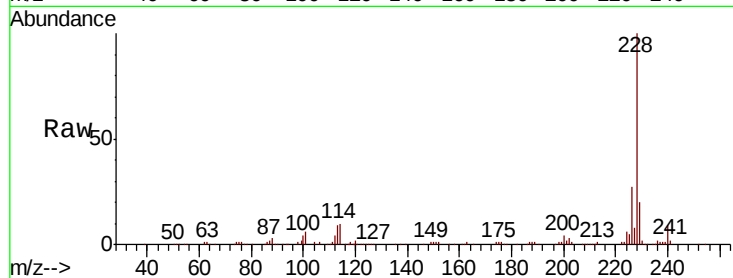




#81
Benzo(a)anthracene
Concen: 37.759 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

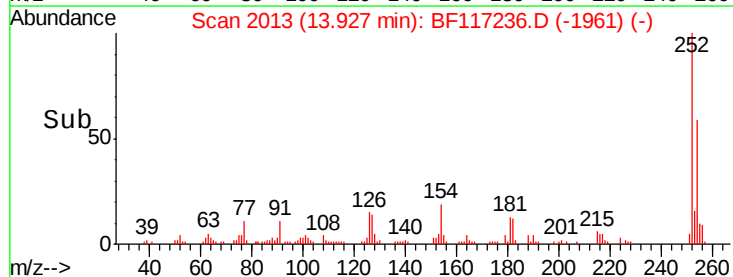
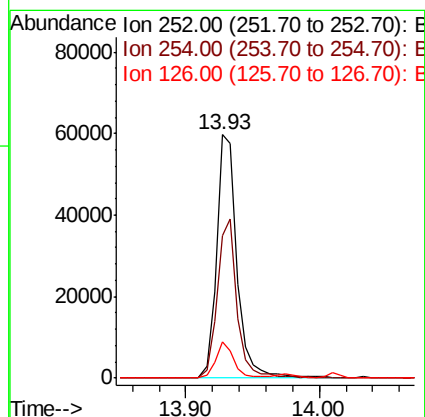
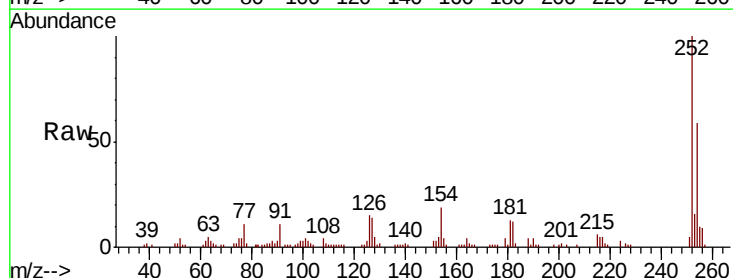
Instrument :
BNA_F
ClientSampleId :

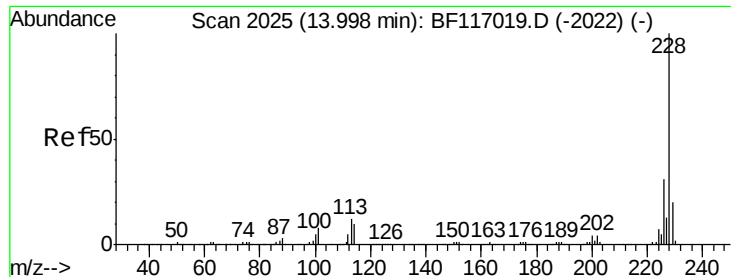
Tot Ion:228 Resp: 206180
Ion Ratio Lower Upper
228 100
226 27.0 22.3 33.5
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 36.534 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion:252 Resp: 64284
Ion Ratio Lower Upper
252 100
254 58.8 52.6 79.0
126 14.6 10.4 15.6





#83

Chrysene

Concen: 37.786 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

Instrument :

BNA_F

ClientSampled :

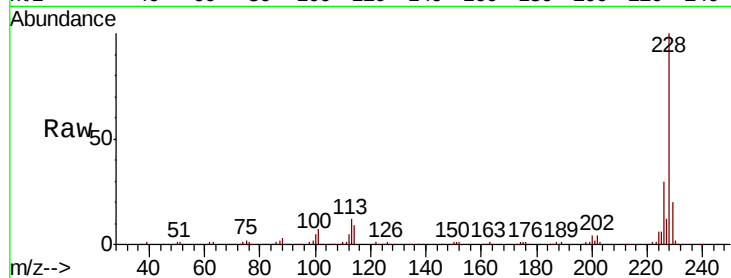
Tot Ion:228 Resp: 201234

Ion Ratio Lower Upper

228 100

226 30.2 24.8 37.2

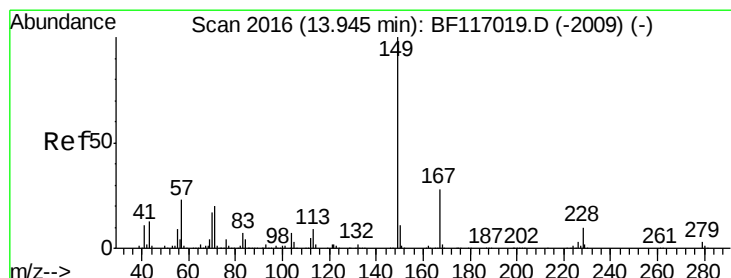
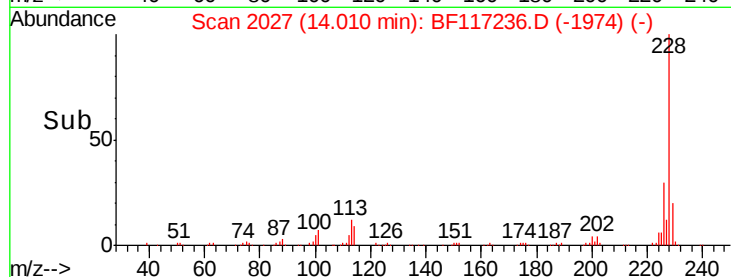
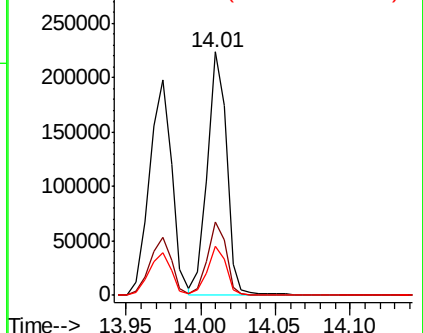
229 20.1 15.8 23.8



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: 37.662 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF117236.D

Acq: 25 Sep 2019 12:53

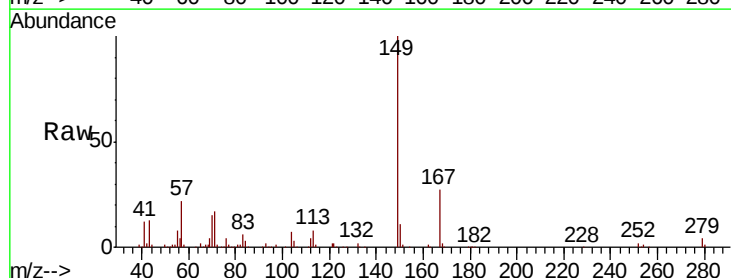
Tgt Ion:149 Resp: 157351

Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.2

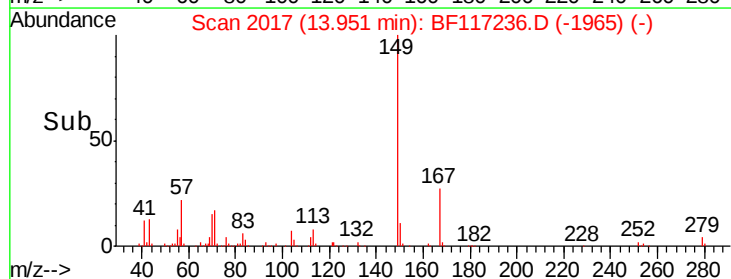
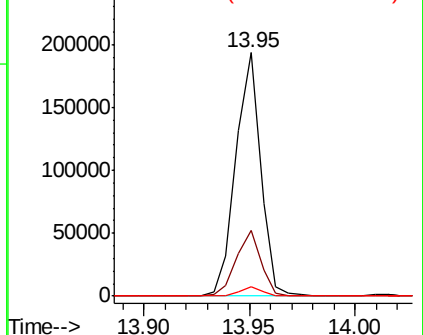
279 3.6 2.8 4.2

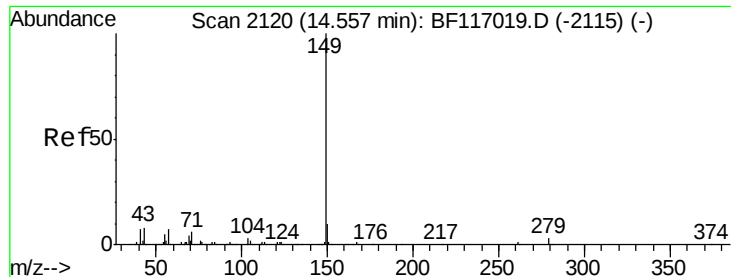


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

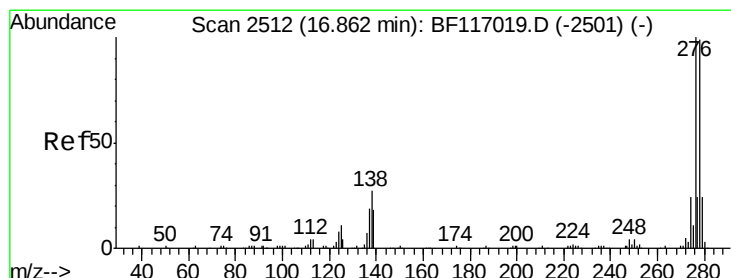
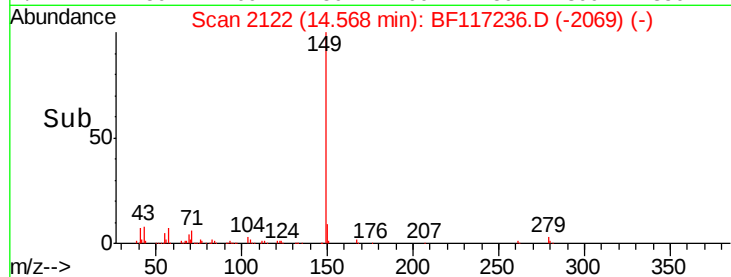
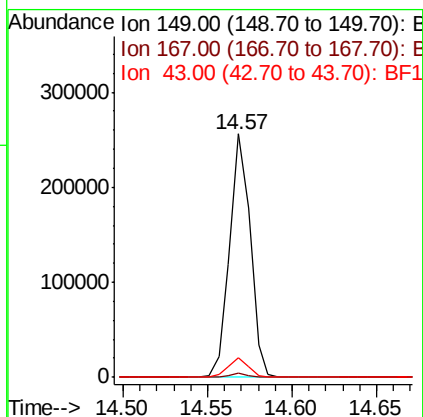
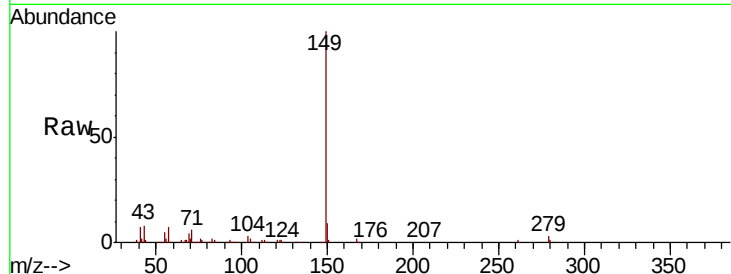




#85
Di-n-octyl phthalate
Concen: 33.098 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

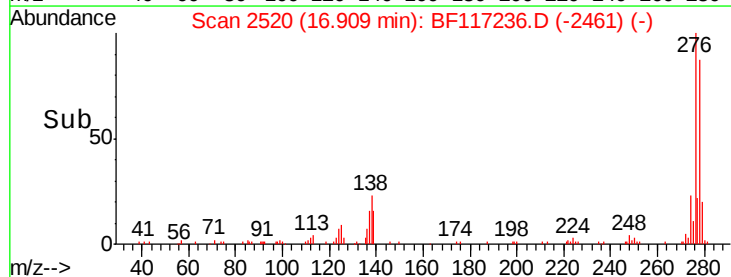
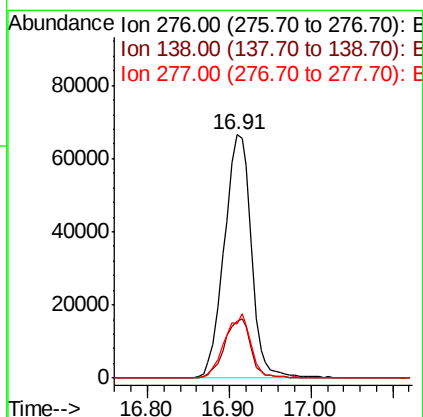
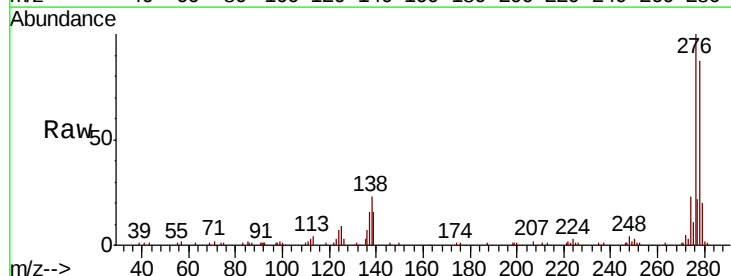
Instrument :
BNA_F
ClientSampleId :

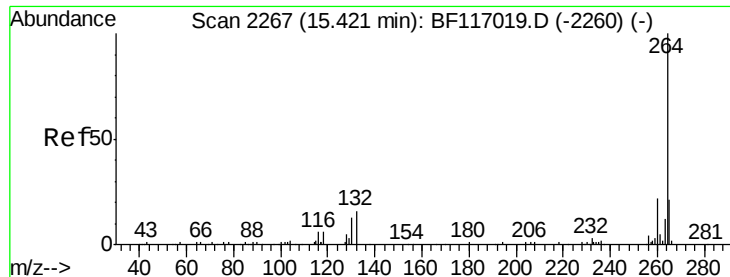
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.3	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.686 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.05 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.7	31.1
277	25.4	19.8	29.8

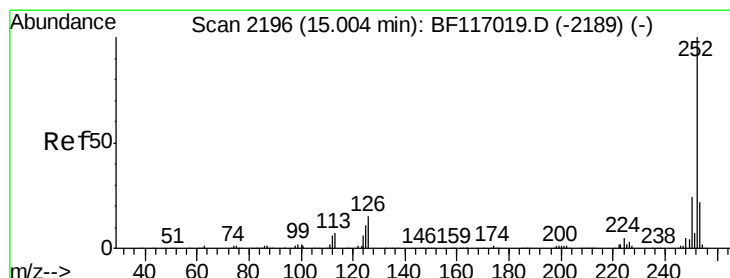
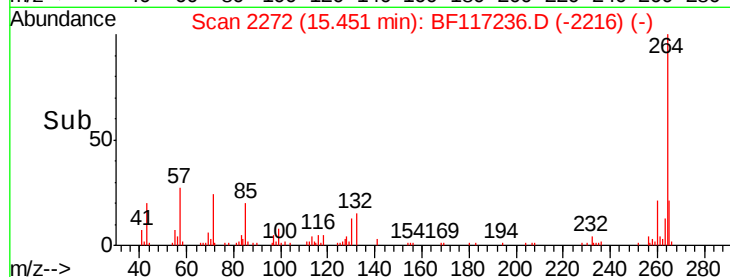
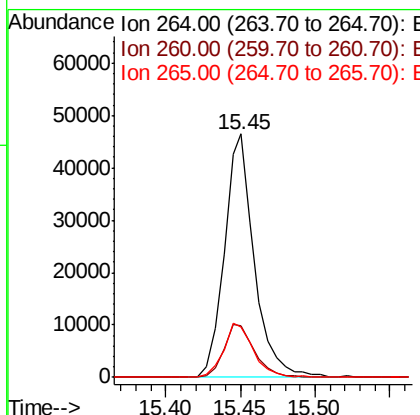
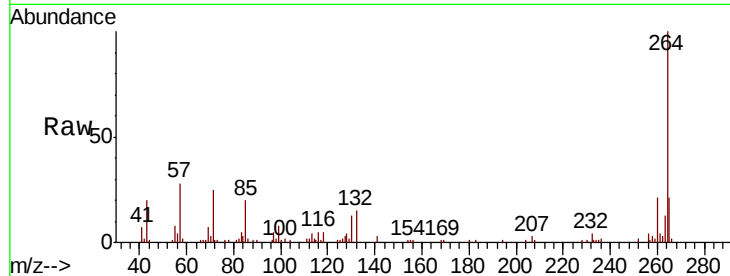




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.03 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

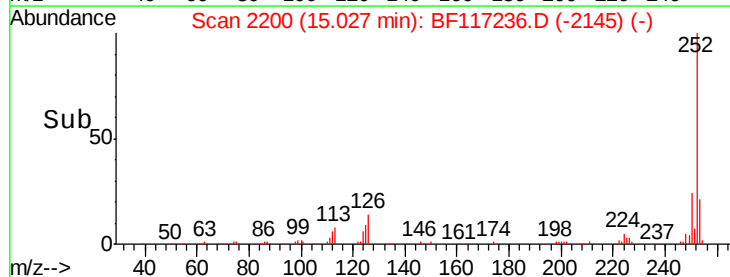
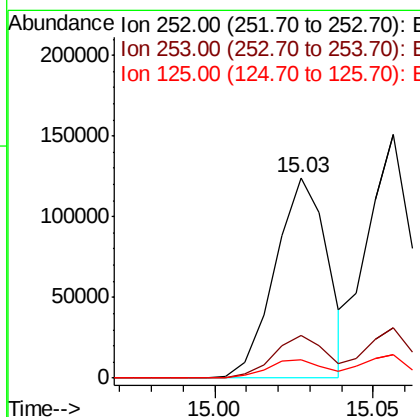
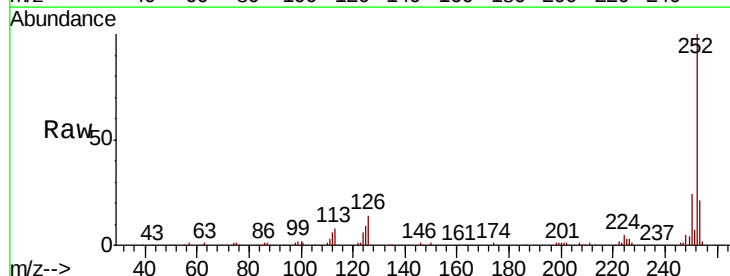
Instrument :
BNA_F
ClientSampleId :

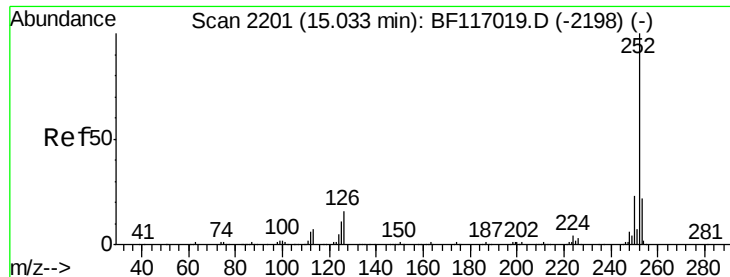
Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.6	26.4
265	20.5	16.6	24.8



#88
Benzo(b)fluoranthene
Concen: 36.801 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	9.3	8.6	12.8

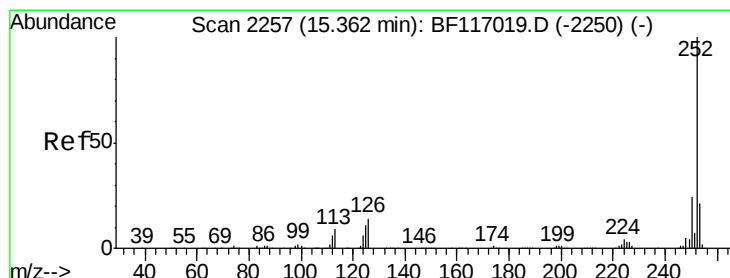
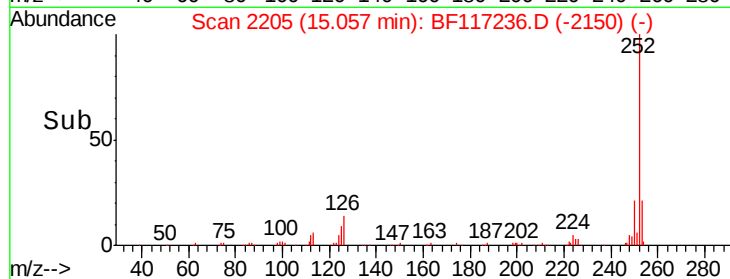
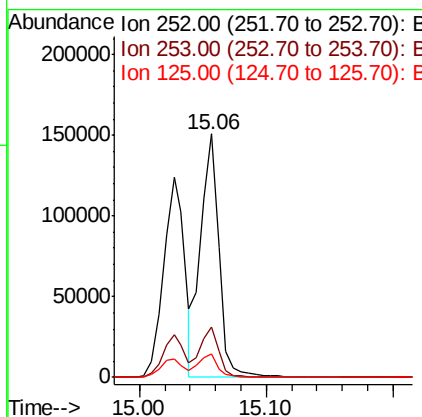
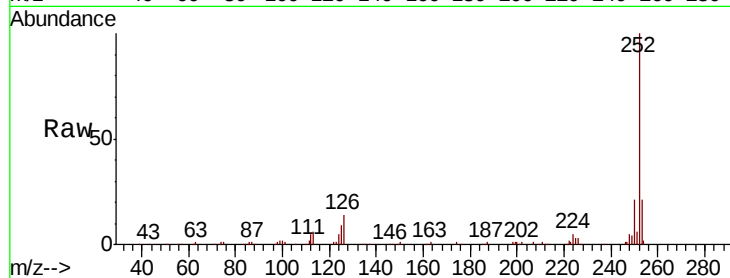




#89
Benzo(k)fluoranthene
Concen: 40.970 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

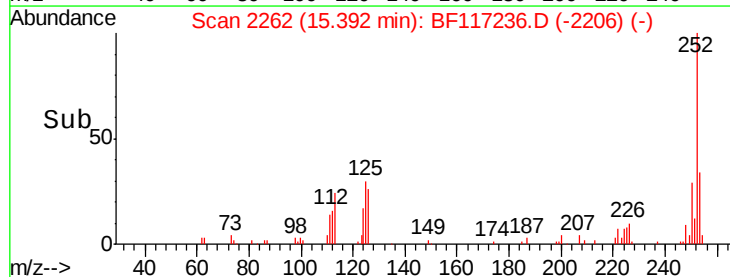
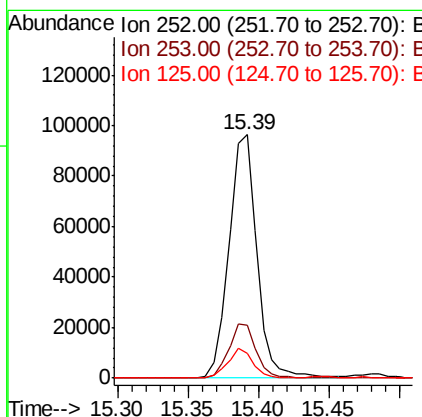
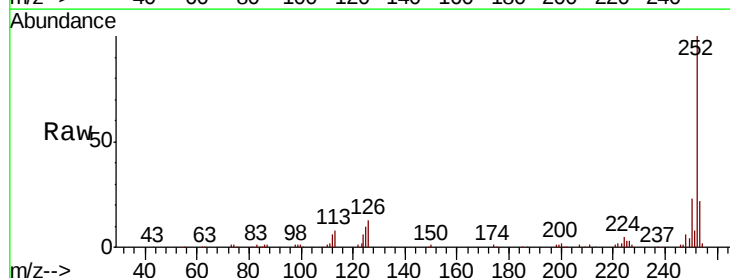
Instrument :
BNA_F
ClientSampleId :

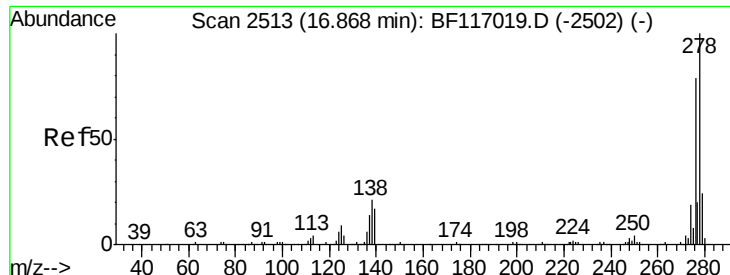
Tot Ion:252 Resp: 152053
Ion Ratio Lower Upper
252 100
253 20.5 17.4 26.2
125 9.5 8.8 13.2



#90
Benzo(a)pyrene
Concen: 38.710 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.03 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion:252 Resp: 133086
Ion Ratio Lower Upper
252 100
253 21.9 16.6 25.0
125 10.1 8.9 13.3

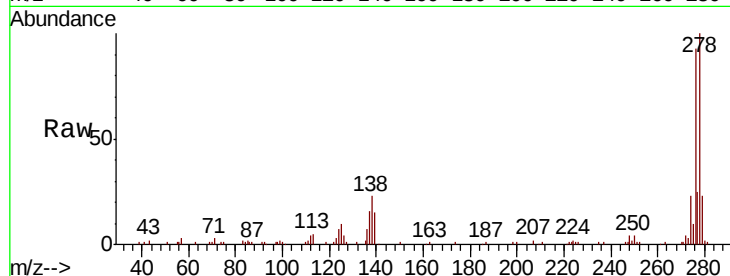




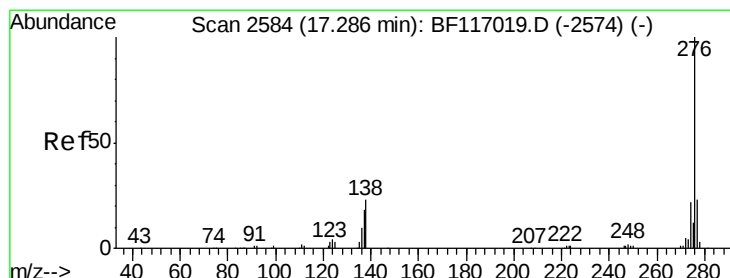
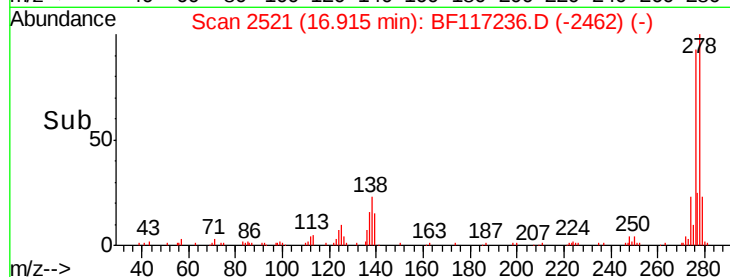
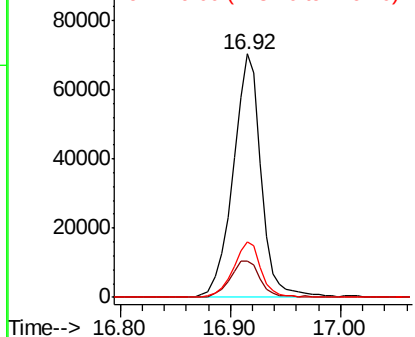
#91
Dibenzo(a,h)anthracene
Concen: 45.625 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.05 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.5	20.3
279	22.8	18.8	28.2

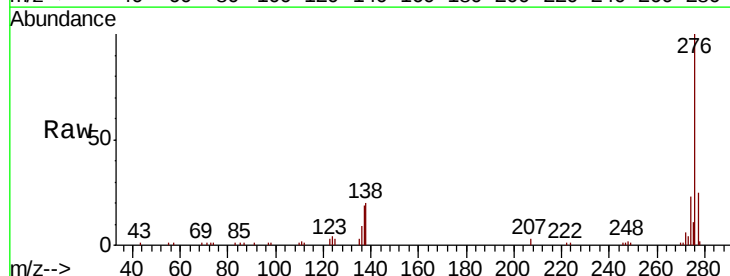


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.271 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.06 min
Lab File: BF117236.D
Acq: 25 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	27.8
138	19.6	18.0	27.0



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

