

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091919\
 Data File : BF117172.D
 Acq On : 19 Sep 2019 13:54
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 01:32:59 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	69203	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	295603	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	158712	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	233302	20.00	ng	0.00
76) Chrysene-d12	13.97	240	207872	20.00	ng	0.00
87) Perylene-d12	15.42	264	160175	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	384737	86.80	ng	0.00
7) Phenol-d6	6.46	99	427758	74.67	ng	0.00
23) Nitrobenzene-d5	7.39	82	456283	81.10	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	102368	77.17	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	792633	78.09	ng	0.00
79) Terphenyl-d14	12.92	244	871596	78.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	44306	23.887	ng	96
3) Pyridine	3.31	79	114645	22.582	ng	95
4) n-Nitrosodimethylamine	3.26	42	43965	25.235	ng	87
6) Aniline	6.49	93	281367	38.149	ng	92
8) 2-Chlorophenol	6.62	128	180898	37.830	ng	96
9) Benzaldehyde	6.37	77	122189	43.520	ng	96
10) Phenol	6.48	94	236773	37.493	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	182036	39.220	ng	98
12) 1,3-Dichlorobenzene	6.76	146	204860	38.178	ng	99
13) 1,4-Dichlorobenzene	6.84	146	213188	38.932	ng	98
14) 1,2-Dichlorobenzene	7.00	146	195706	38.386	ng	99
15) Benzyl Alcohol	6.97	79	172207	39.202	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	176105	38.404	ng	87
17) 2-Methylphenol	7.09	107	152752	38.115	ng	94
18) Hexachloroethane	7.33	117	89049	42.271	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	147224	42.206	ng	95
20) 3+4-Methylphenols	7.24	107	202204	40.506	ng	91
22) Acetophenone	7.23	105	302226	40.241	ng	# 98
24) Nitrobenzene	7.41	77	224469	40.402	ng	98
25) Isophorone	7.65	82	362528	36.394	ng	99
26) 2-Nitrophenol	7.72	139	95449	39.996	ng	93
27) 2,4-Dimethylphenol	7.76	122	147648	39.015	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	227816	37.120	ng	100
29) 2,4-Dichlorophenol	7.97	162	132942	33.526	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	154097	35.970	ng	97
31) Naphthalene	8.13	128	554626	39.012	ng	99
32) Benzoic acid	7.90	122	77308	29.931	ng	94
33) 4-Chloroaniline	8.17	127	244187	38.726	ng	98
34) Hexachlorobutadiene	8.25	225	102619	42.220	ng	97
35) Caprolactam	8.55	113	47905	35.692	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	168589	36.462	ng	97
37) 2-Methylnaphthalene	8.82	142	350399	36.601	ng	99
38) 1-Methylnaphthalene	8.91	142	311339	34.723	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	146068	35.641	ng	99

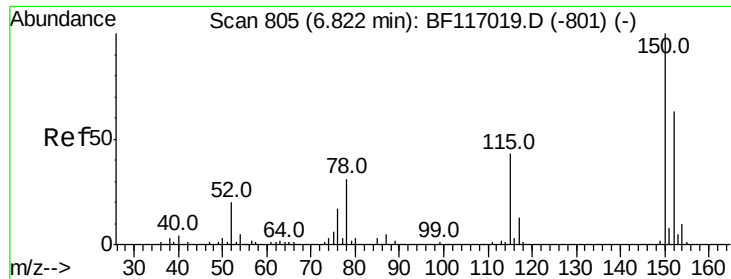
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091919\
 Data File : BF117172.D
 Acq On : 19 Sep 2019 13:54
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 01:32:59 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)
41) Hexachlorocyclopentadiene	8.97	237	50700	33.088	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	106141	38.163	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	111698	37.589	ng	98
46) 1,1'-Biphenyl	9.27	154	488989	39.278	ng	99
47) 2-Chloronaphthalene	9.30	162	387513	39.441	ng	99
48) 2-Nitroaniline	9.40	65	127554	40.475	ng	91
49) Acenaphthylene	9.72	152	559222	37.994	ng	100
50) Dimethylphthalate	9.57	163	436359	38.830	ng	99
51) 2,6-Dinitrotoluene	9.64	165	88555	38.692	ng	# 83
52) Acenaphthene	9.89	154	318055	36.453	ng	99
53) 3-Nitroaniline	9.82	138	107390	37.189	ng	94
54) 2,4-Dinitrophenol	9.93	184	28419	34.628	ng	90
55) Dibenzofuran	10.06	168	487373	37.860	ng	97
56) 4-Nitrophenol	9.98	139	69233	36.992	ng	96
57) 2,4-Dinitrotoluene	10.05	165	117962	39.706	ng	92
58) Fluorene	10.40	166	410721	39.608	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	79755	35.073	ng	93
60) Diethylphthalate	10.27	149	449951	40.698	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	185625	41.373	ng	96
62) 4-Nitroaniline	10.43	138	104685	34.859	ng	94
63) Azobenzene	10.55	77	424436	37.588	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	39531	38.742	ng	# 71
66) n-Nitrosodiphenylamine	10.51	169	317908	39.456	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	94746	39.766	ng	89
68) Hexachlorobenzene	10.95	284	101826	39.074	ng	# 93
69) Atrazine	11.03	200	78449	37.384	ng	99
70) Pentachlorophenol	11.15	266	53315	43.646	ng	96
71) Phenanthrene	11.36	178	517923	39.084	ng	99
72) Anthracene	11.41	178	510486	37.733	ng	98
73) Carbazole	11.56	167	493954	38.465	ng	99
74) Di-n-butylphthalate	11.89	149	707062	46.278	ng	99
75) Fluoranthene	12.55	202	637147	46.794	ng	99
77) Benzidine	12.66	184	219794	32.824	ng	99
78) Pyrene	12.77	202	638467	36.605	ng	100
80) Butylbenzylphthalate	13.38	149	348818	42.324	ng	99
81) Benzo(a)anthracene	13.96	228	520836	37.502	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	169929	37.970	ng	99
83) Chrysene	14.00	228	498471	36.800	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	495719	46.650	ng	100
85) Di-n-octyl phthalate	14.55	149	786050	46.998	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	300874	30.446	ng	98
88) Benzo(b)fluoranthene	15.00	252	377136	38.870	ng	99
89) Benzo(k)fluoranthene	15.03	252	377215	41.043	ng	99
90) Benzo(a)pyrene	15.36	252	329316	38.679	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	250849	36.985	ng	99
92) Benzo(g,h,i)perylene	17.30	276	233936	34.612	ng	97

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

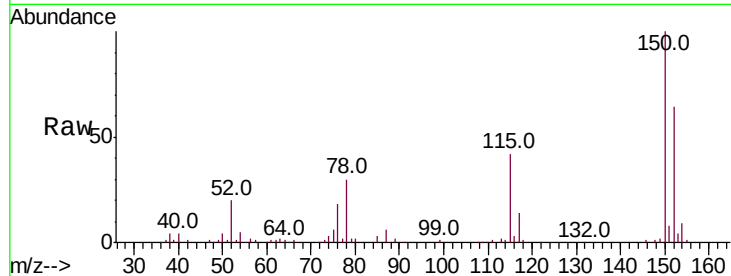


#1

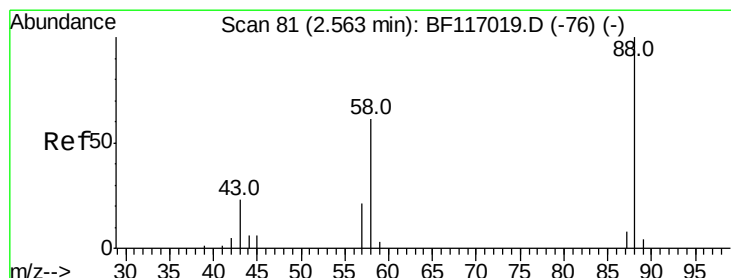
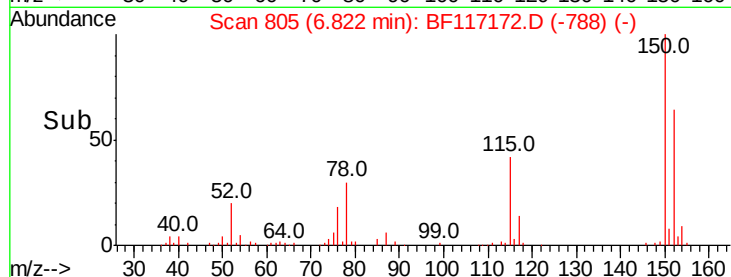
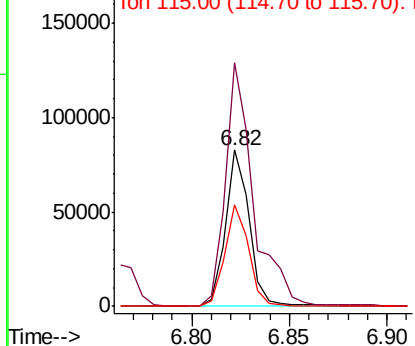
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69203
Ion Ratio Lower Upper
152 100
150 155.7 127.5 191.3
115 65.2 55.0 82.4



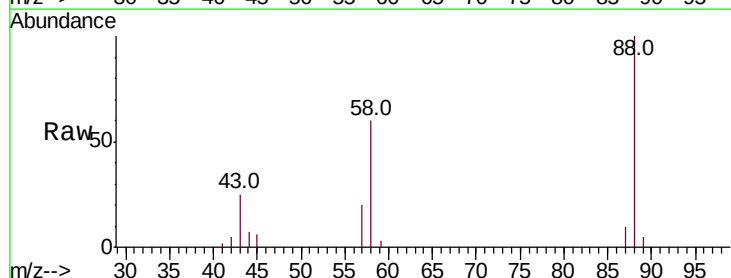
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



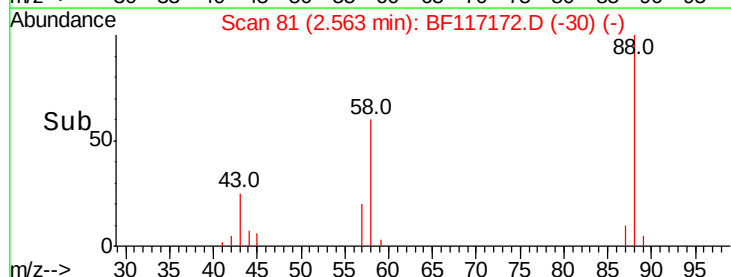
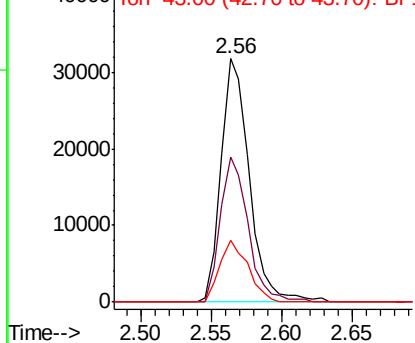
#2

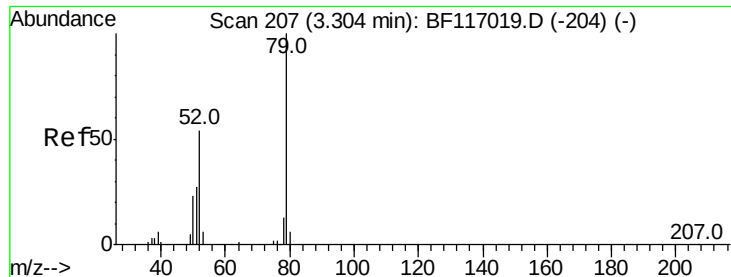
1,4-Dioxane
Concen: 23.887 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion: 88 Resp: 44306
Ion Ratio Lower Upper
88 100
58 58.6 49.3 73.9
43 25.6 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: 22.582 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampleId :

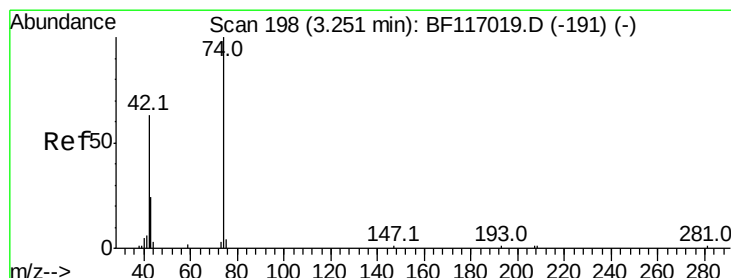
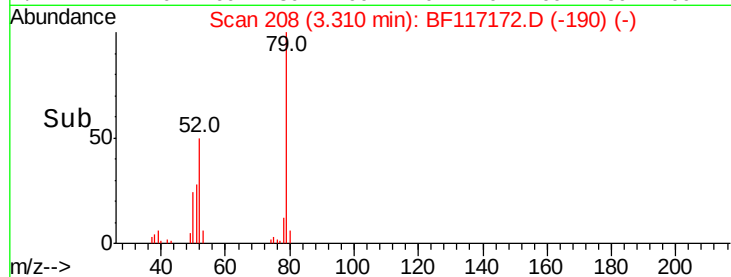
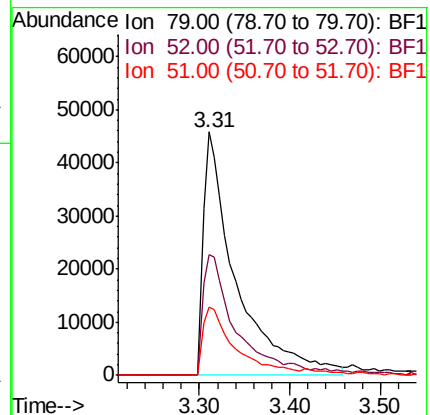
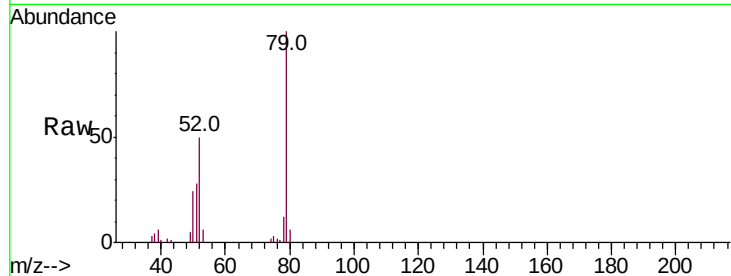
Tot Ion: 79 Resp: 114645

Ion Ratio Lower Upper

79 100

52 49.6 43.5 65.3

51 28.1 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 25.235 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

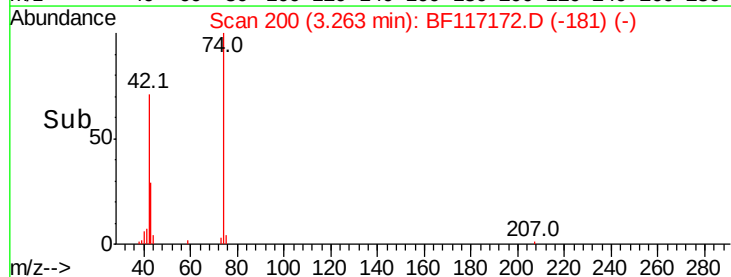
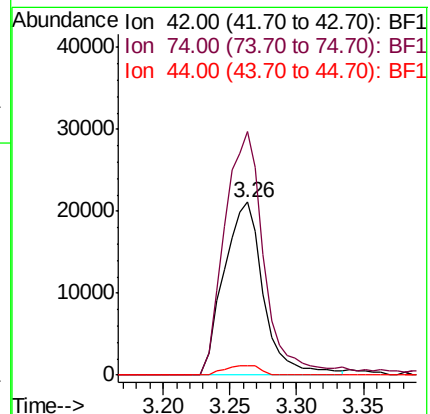
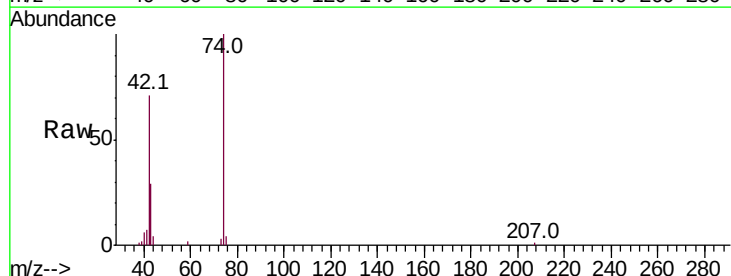
Tgt Ion: 42 Resp: 43965

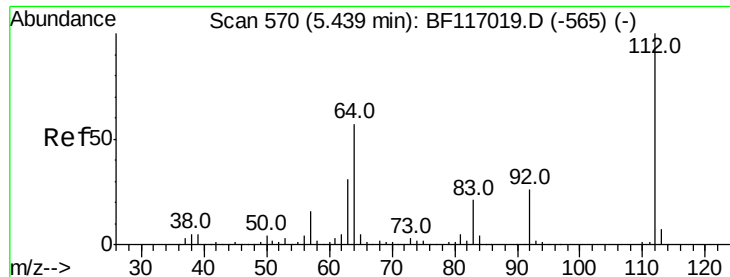
Ion Ratio Lower Upper

42 100

74 140.7 127.1 190.7

44 5.3 4.3 6.5





#5

2-Fluorophenol

Concen: 86.798 ng

RT: 5.45 min Scan# 571

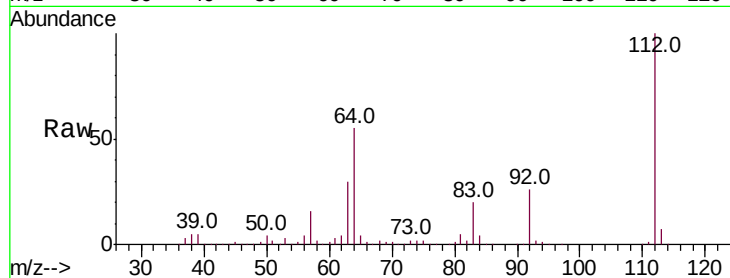
Delta R.T. 0.01 min

Lab File: BF117172.D

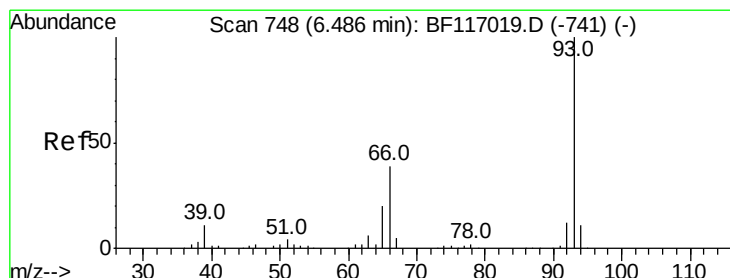
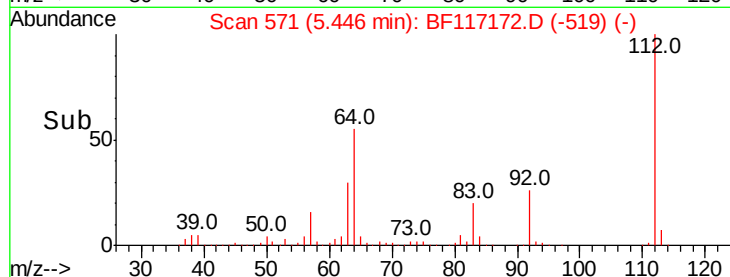
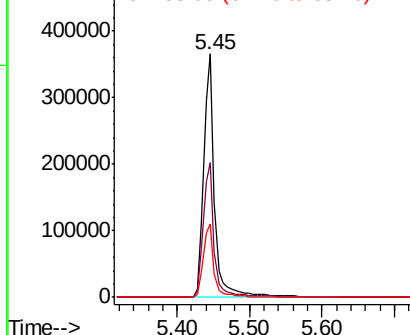
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	384737
Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.7	68.5
63	30.0	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.149 ng

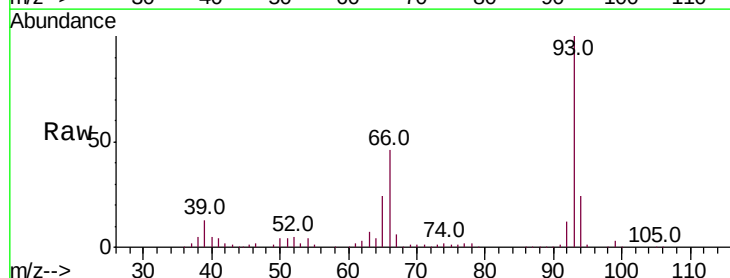
RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

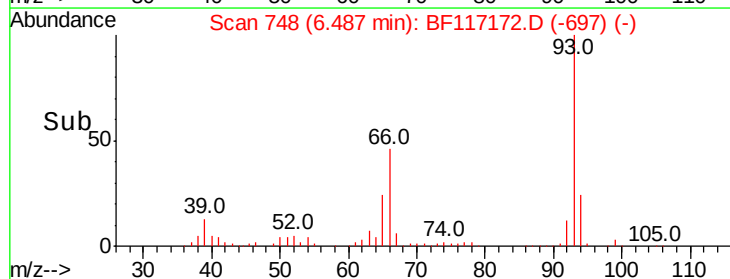
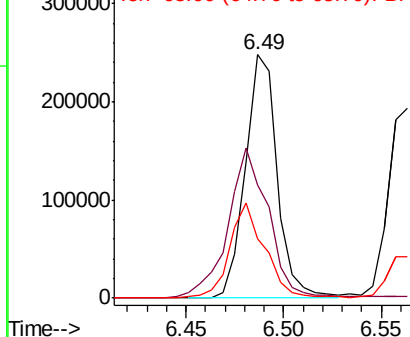
Lab File: BF117172.D

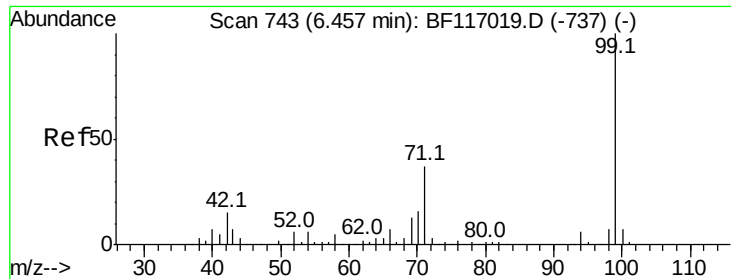
Acq: 19 Sep 2019 13:54

Tgt Ion:	93	Resp:	281367
Ion	Ratio	Lower	Upper
93	100		
66	46.4	32.6	49.0
65	24.3	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: 74.673 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampled :

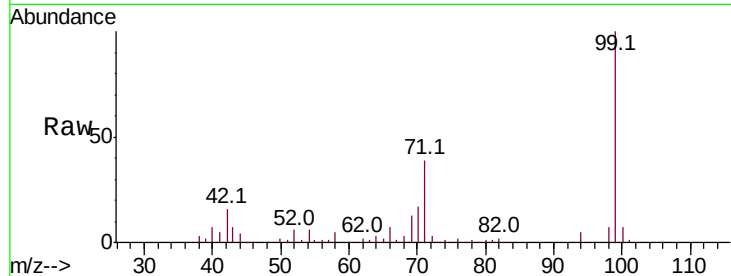
Tot Ion: 99 Resp: 427758

Ion Ratio Lower Upper

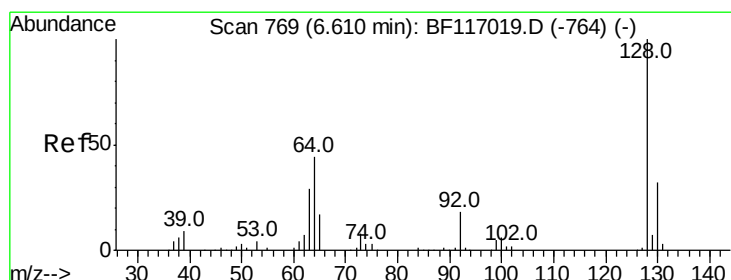
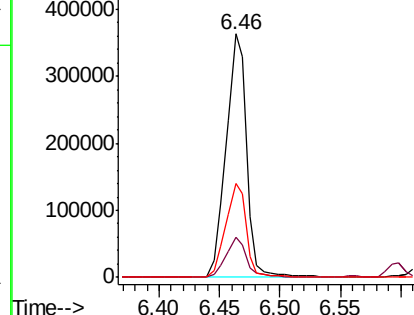
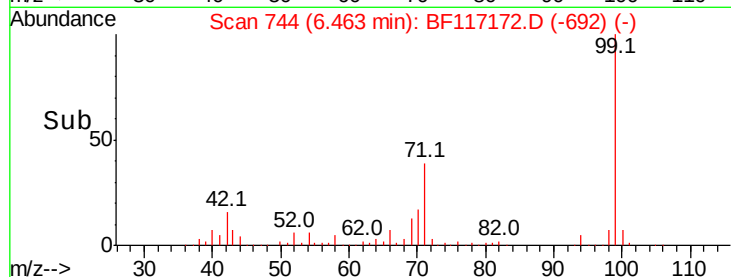
99 100

42 16.3 12.2 18.2

71 38.7 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: 37.830 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

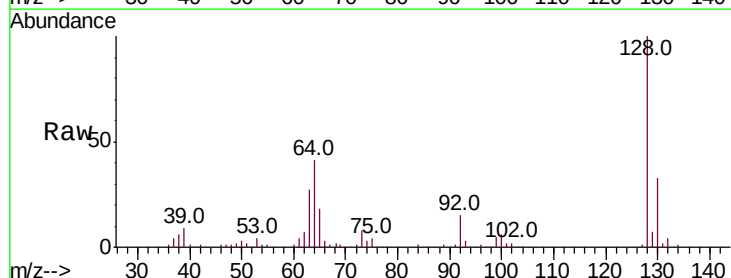
Tgt Ion: 128 Resp: 180898

Ion Ratio Lower Upper

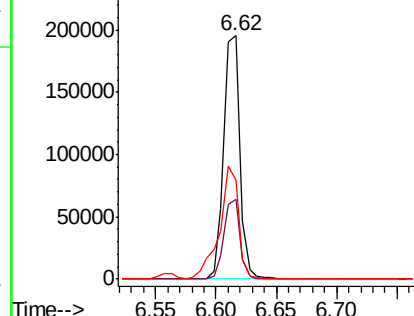
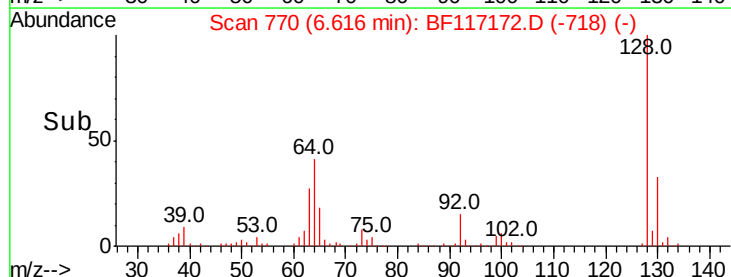
128 100

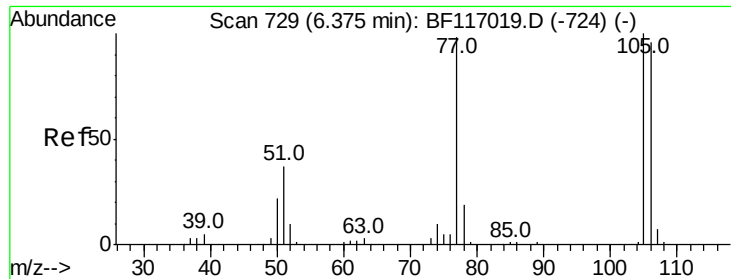
130 32.7 11.8 51.8

64 40.7 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

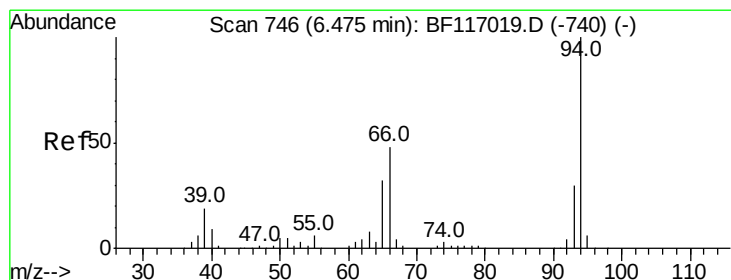
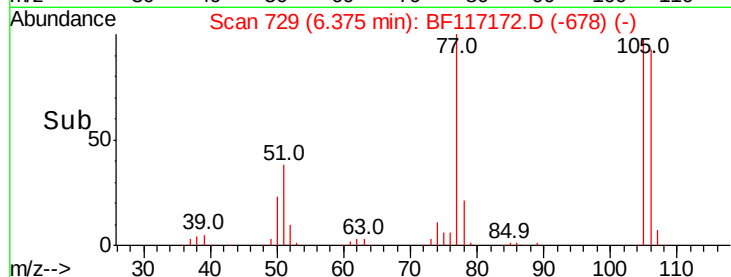
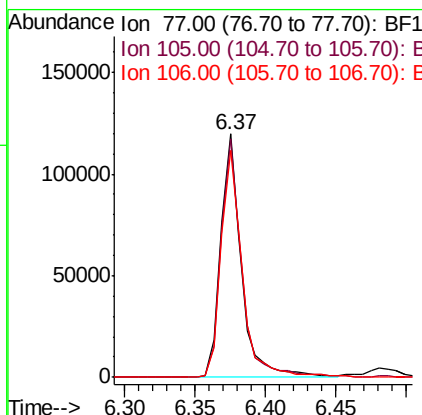
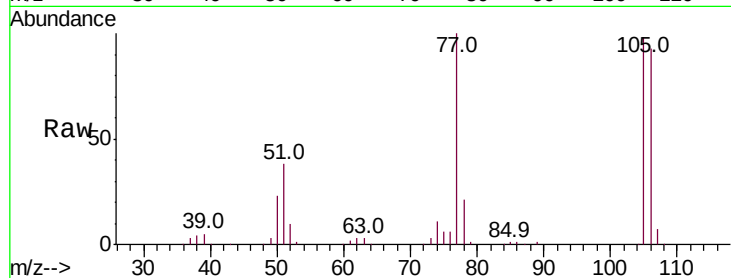




#9
Benzaldehyde
Concen: 43.520 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

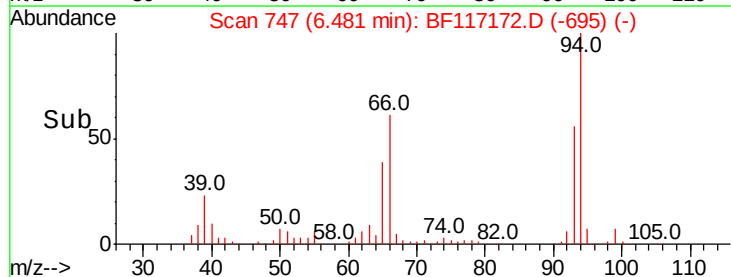
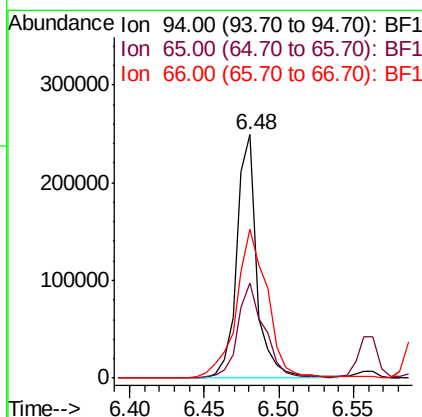
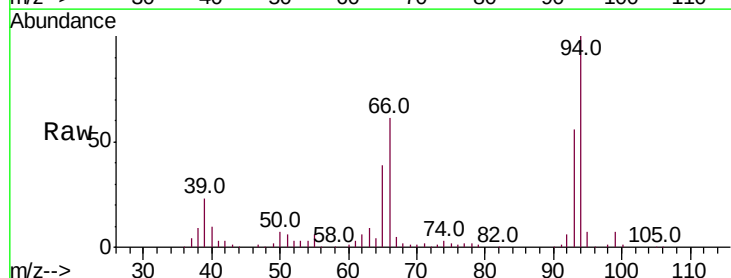
Instrument :
BNA_F
ClientSampleId :

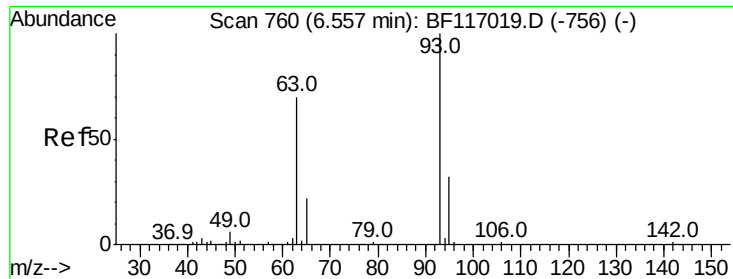
Tot Ion: 77 Resp: 122189
Ion Ratio Lower Upper
77 100
105 98.1 81.8 121.8
106 93.2 77.3 117.3



#10
Phenol
Concen: 37.493 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion: 94 Resp: 236773
Ion Ratio Lower Upper
94 100
65 39.0 12.5 52.5
66 61.3 28.9 68.9



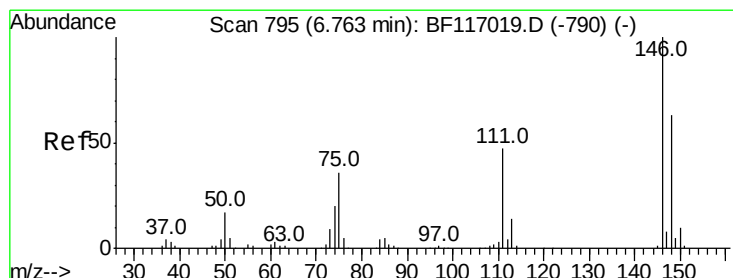
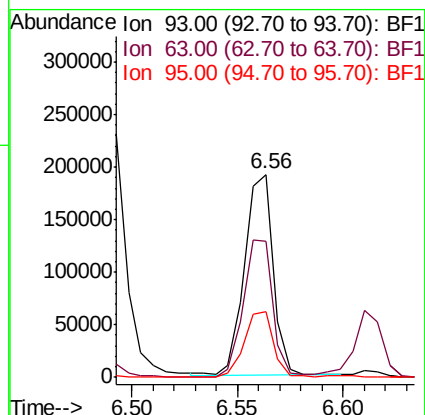
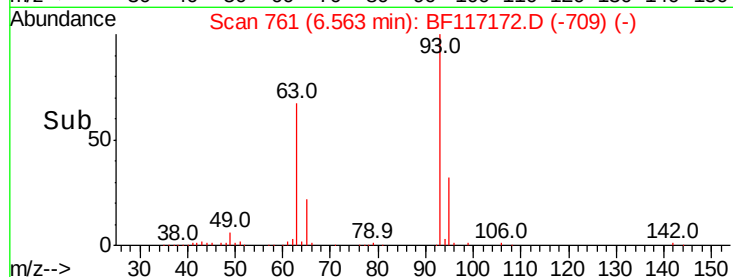
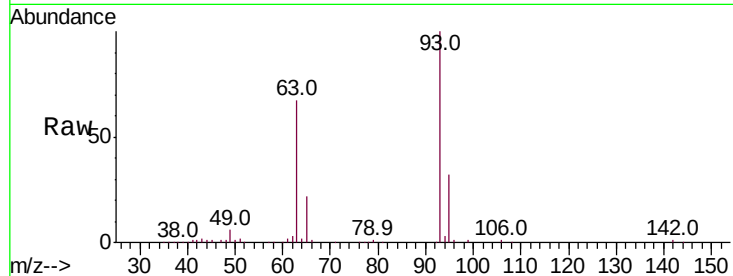


#11

bis(2-Chloroethyl)ether
Concen: 39.220 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampleId :

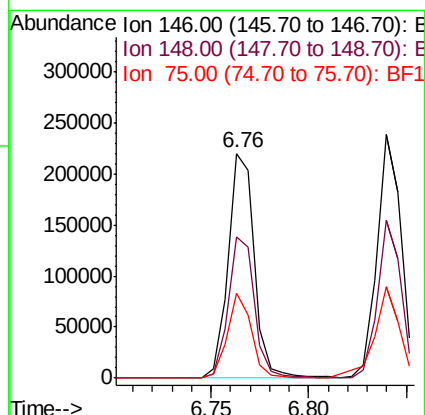
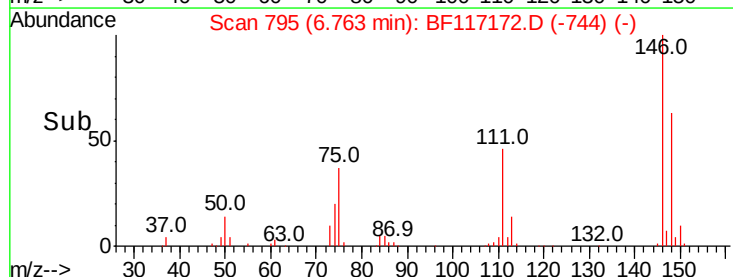
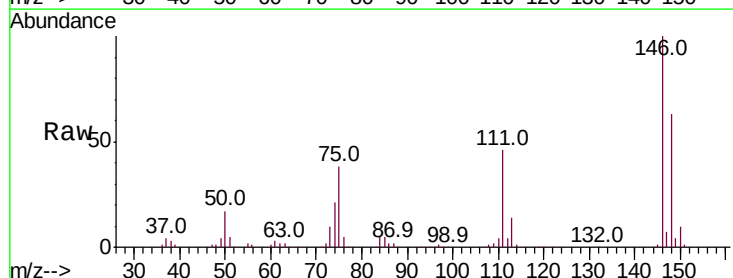
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.0	49.3	89.3
95	32.1	11.5	51.5

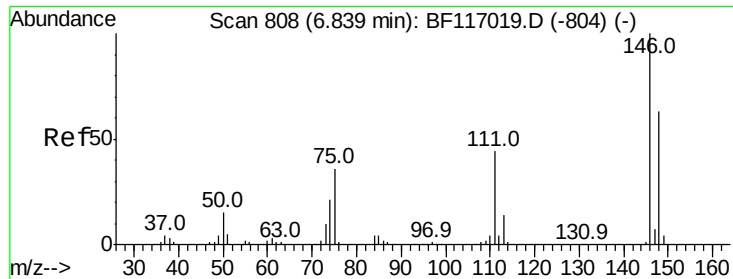


#12

1,3-Dichlorobenzene
Concen: 38.178 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
75	37.8	28.7	43.1

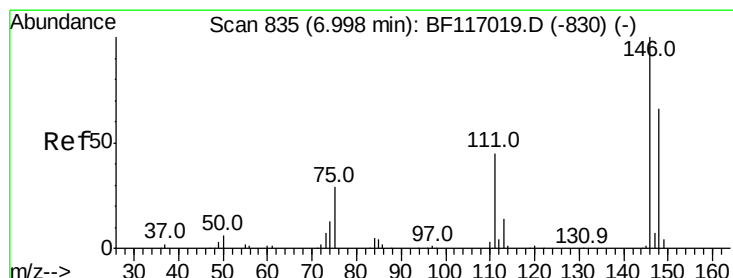
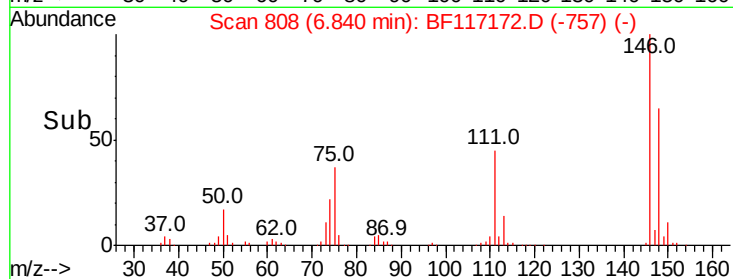
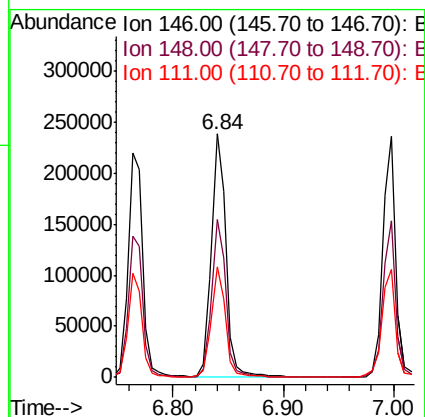
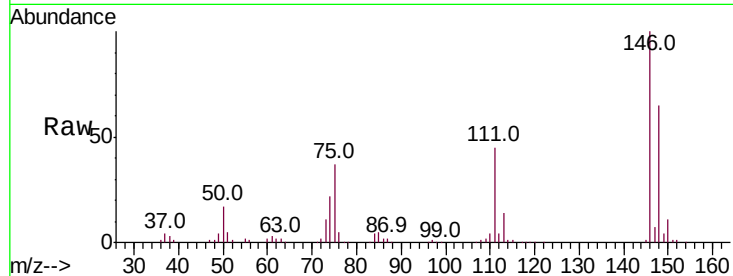




#13
 1,4-Dichlorobenzene
 Concen: 38.932 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

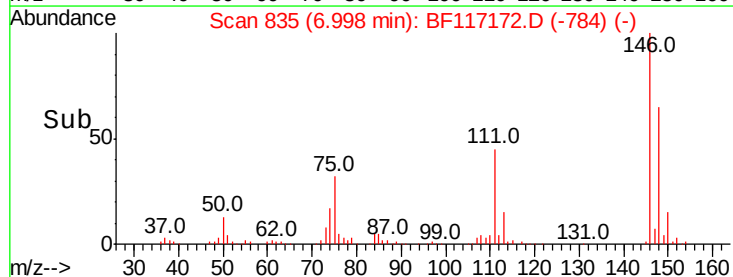
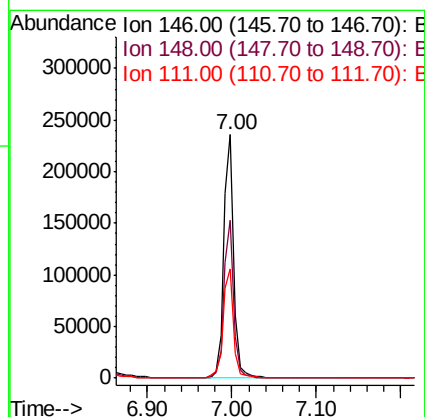
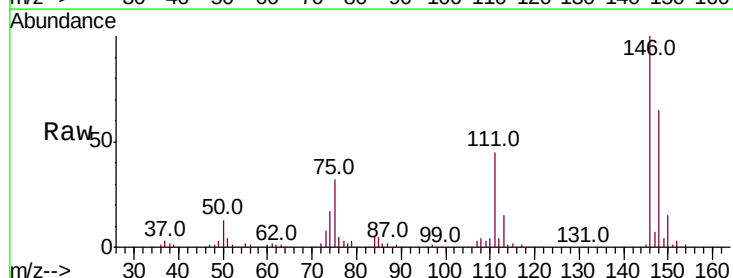
Instrument :
 BNA_F
 ClientSampleId :

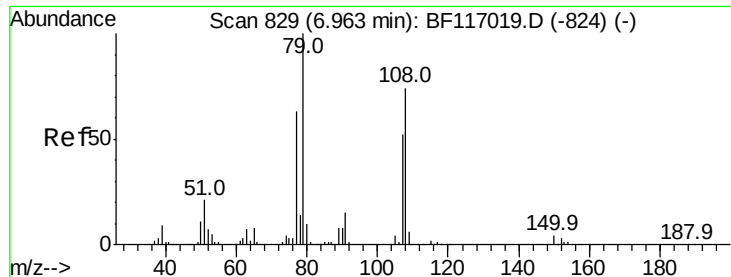
Tot Ion:146 Resp: 213188
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 76.0
 111 45.3 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 38.386 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Tgt Ion:146 Resp: 195706
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.6 78.8
 111 44.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 39.202 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampleId :

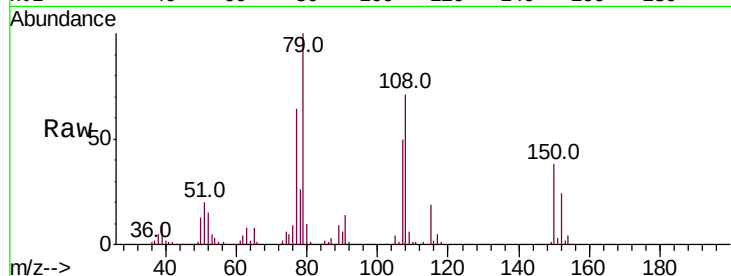
Tot Ion: 79 Resp: 172207

Ion Ratio Lower Upper

79 100

108 70.9 59.4 89.0

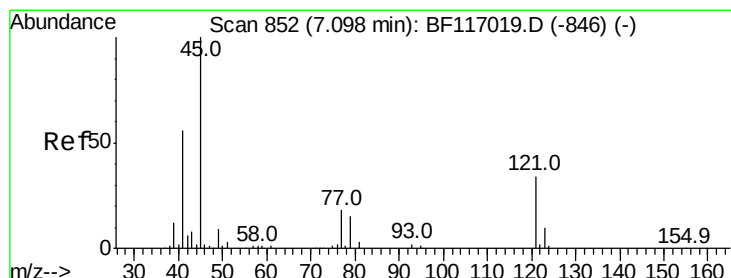
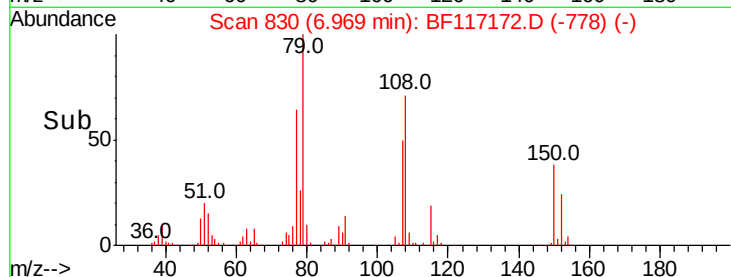
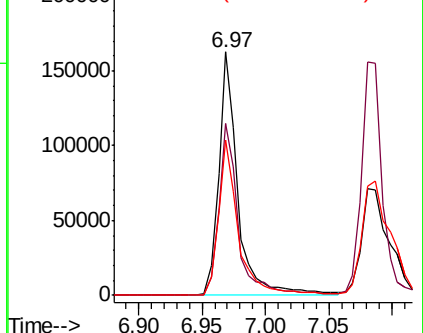
77 63.8 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.404 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

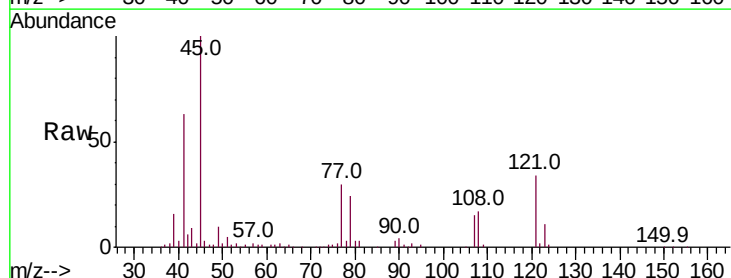
Tgt Ion: 45 Resp: 176105

Ion Ratio Lower Upper

45 100

77 29.8 2.7 42.7

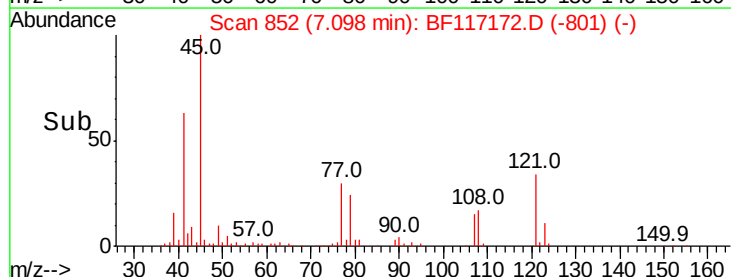
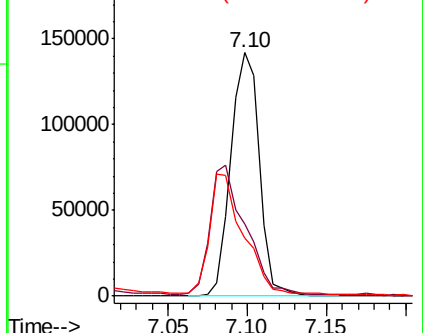
79 23.9 0.0 38.9

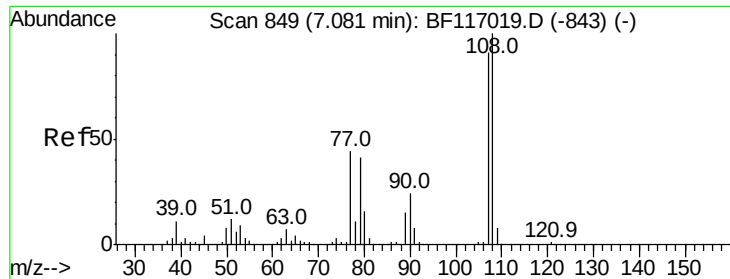


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

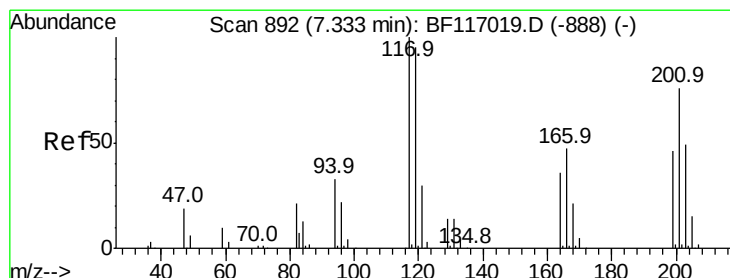
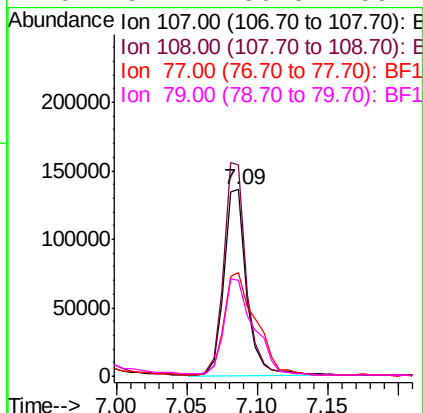
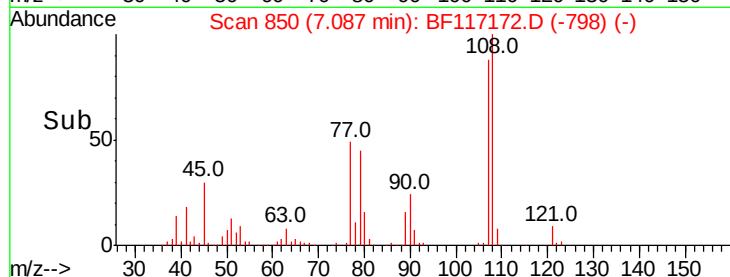
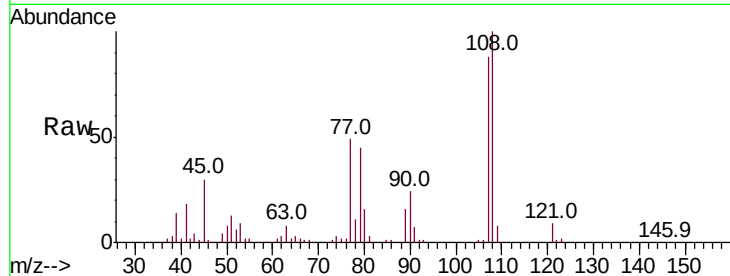




#17
2-Methylphenol
Concen: 38.115 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

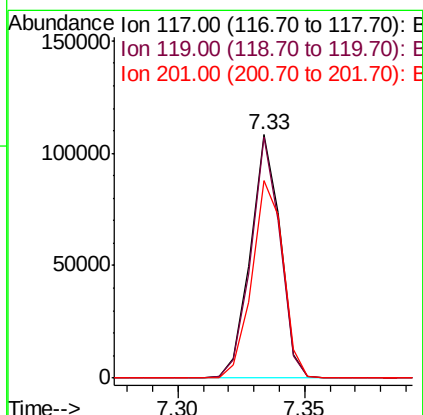
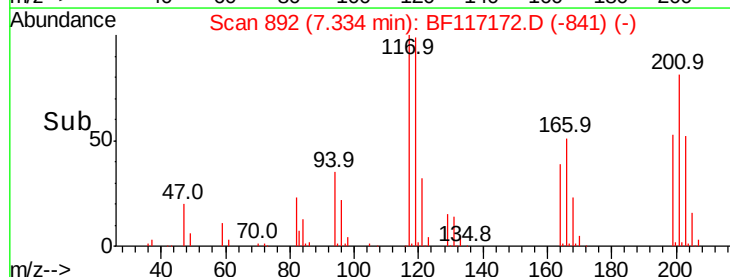
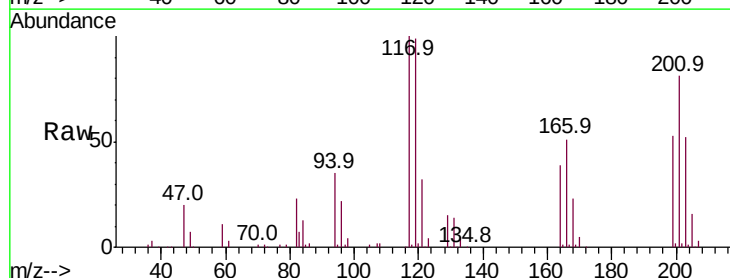
Instrument :
BNA_F
ClientSampleId :

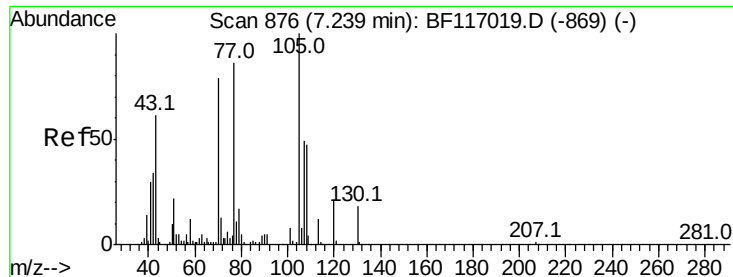
Tot Ion:	107	Resp:	152752
Ion	Ratio	Lower	Upper
107	100		
108	113.5	87.7	131.5
77	55.8	38.6	58.0
79	51.4	36.8	55.2



#18
Hexachloroethane
Concen: 42.271 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:	117	Resp:	89049
Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.8	113.8
201	81.0	60.9	91.3

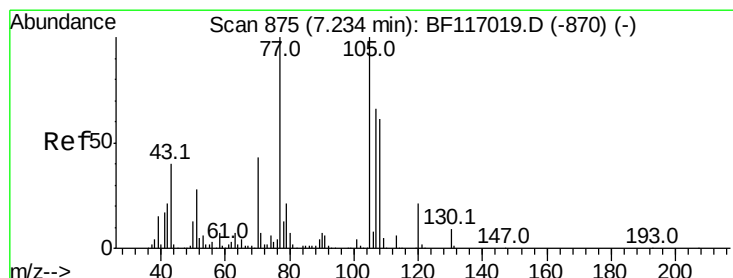
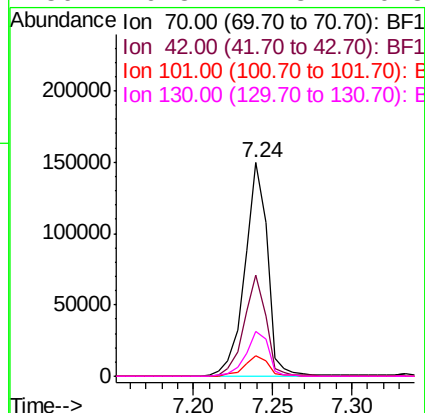
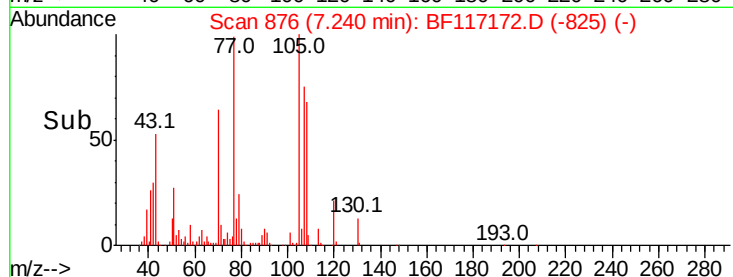
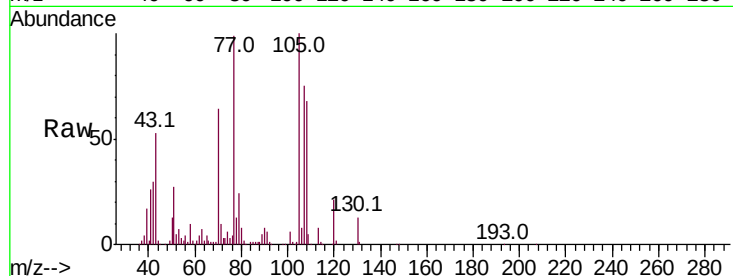




#19
n-Nitroso-di-n-propylamine
Concen: 42.206 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

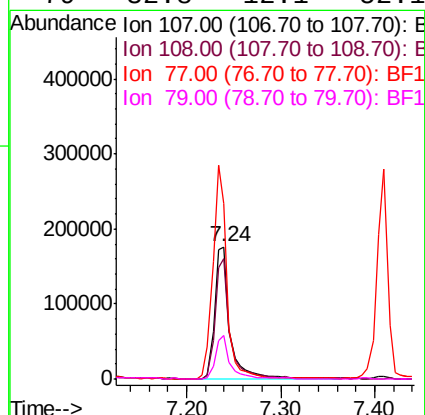
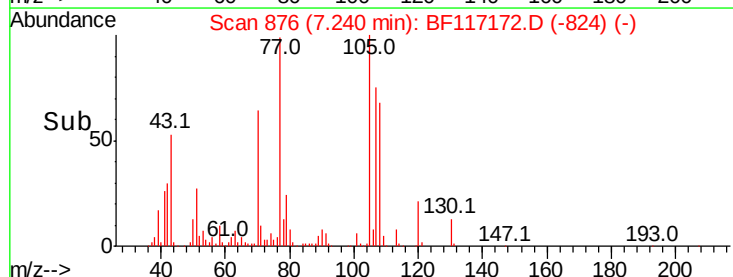
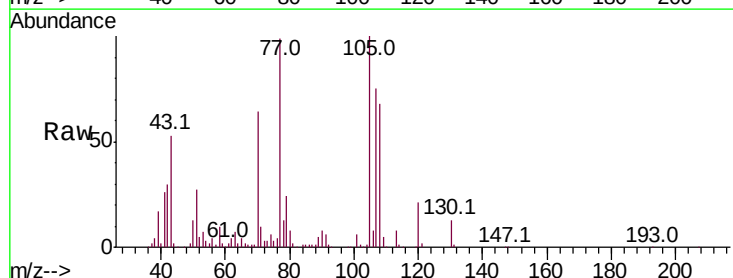
Instrument :
BNA_F
ClientSampleId :

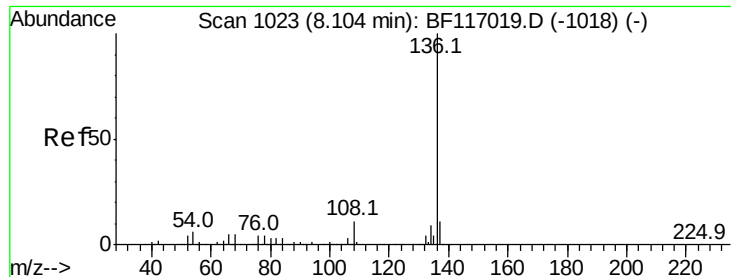
Tot Ion:	70	Resp:	147224
Ion	Ratio	Lower	Upper
70	100		
42	47.2	34.0	51.0
101	9.9	7.8	11.6
130	20.8	17.8	26.8



#20
3+4-Methylphenols
Concen: 40.506 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:	107	Resp:	202204
Ion	Ratio	Lower	Upper
107	100		
108	91.2	72.6	112.6
77	132.7	132.1	172.1
79	32.8	12.1	52.1

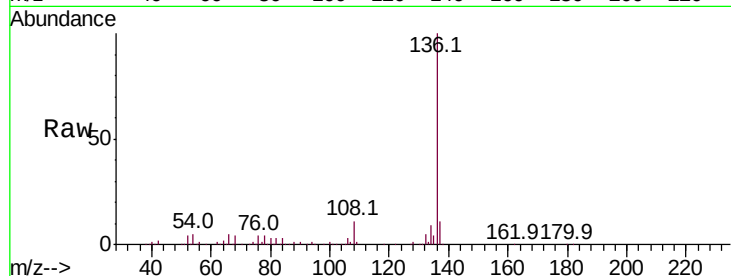




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	295603	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.0	13.4	
54 5.1	4.5	6.7	
68 4.4	4.0	6.0	



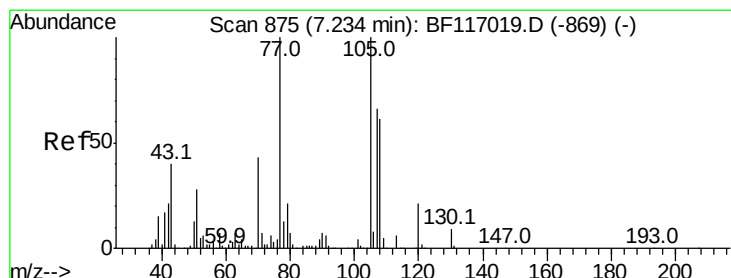
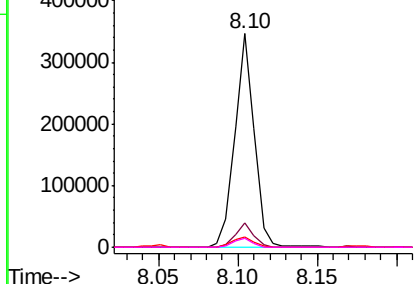
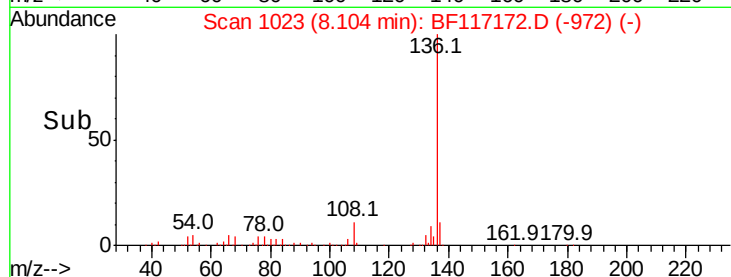
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

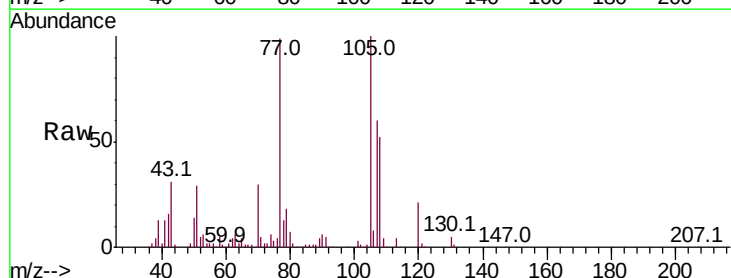
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.241 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt	Ion:105	Resp:	302226
Ion	Ratio	Lower	Upper
105	100		
71	4.9	5.7	8.5#
51	28.7	22.1	33.1
120	21.1	17.1	25.7



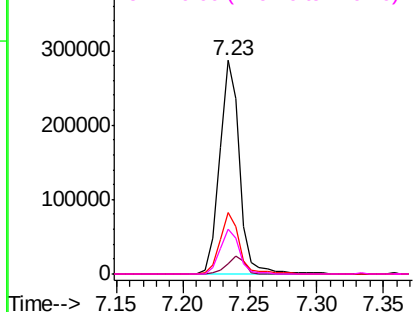
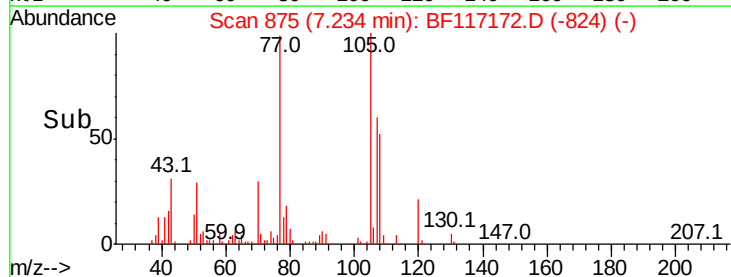
Abundance

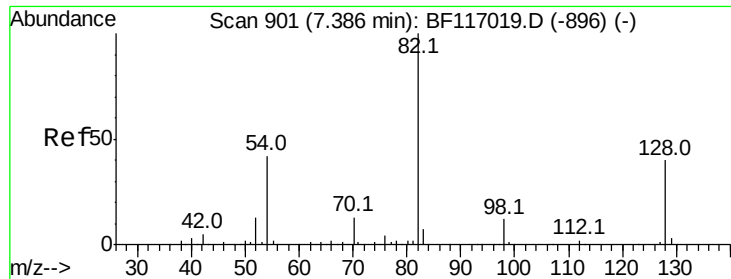
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

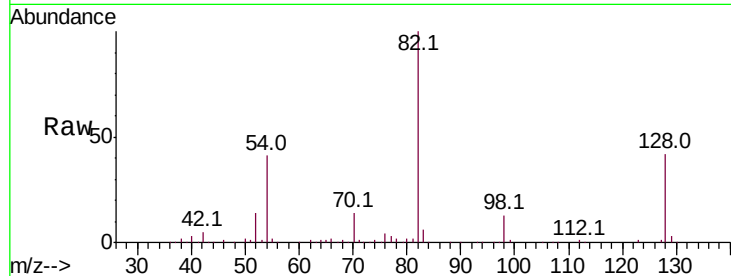




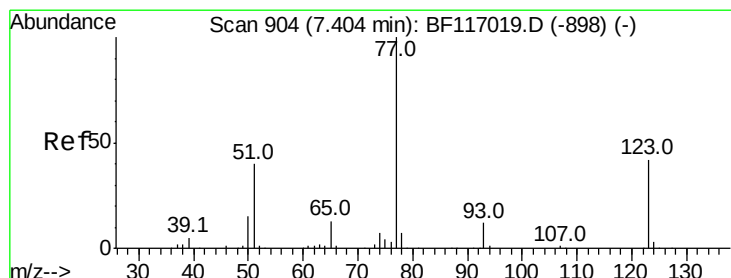
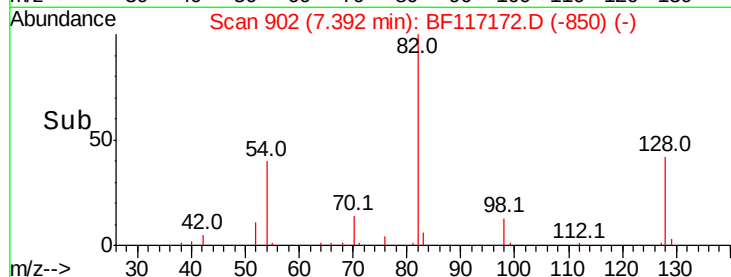
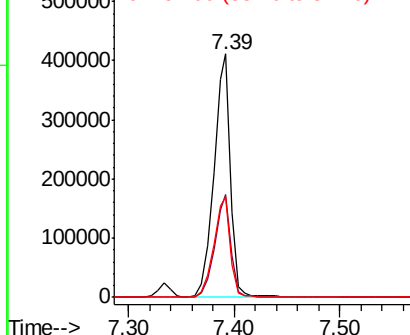
#23
 Nitrobenzene-d5
 Concen: 81.103 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 456283
 Ion Ratio Lower Upper
 82 100
 128 42.4 32.3 48.5
 54 41.3 33.3 49.9

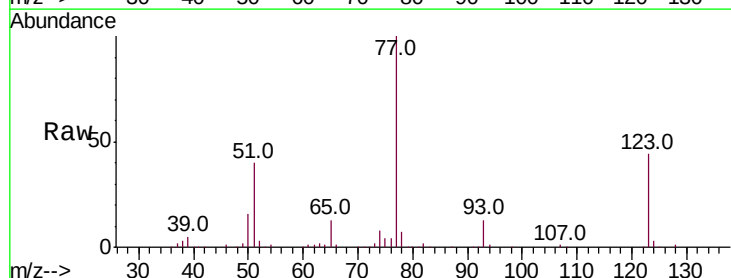


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

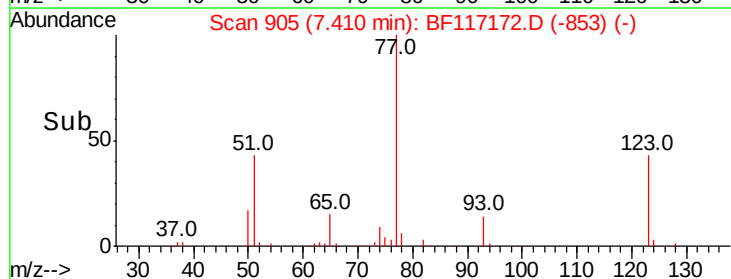
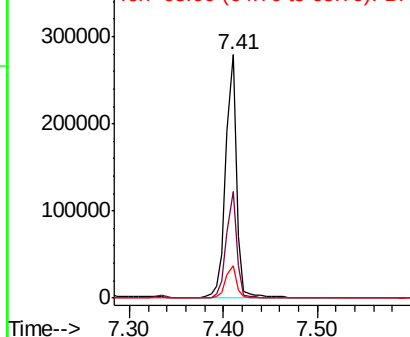


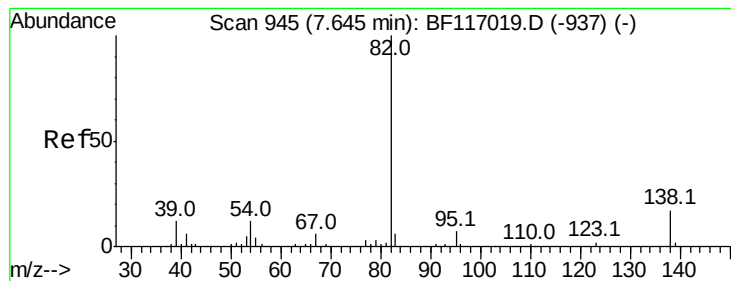
#24
 Nitrobenzene
 Concen: 40.402 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Tgt Ion: 77 Resp: 224469
 Ion Ratio Lower Upper
 77 100
 123 43.8 33.5 50.3
 65 13.1 10.5 15.7



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





#25

Isophorone

Concen: 36.394 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampleId :

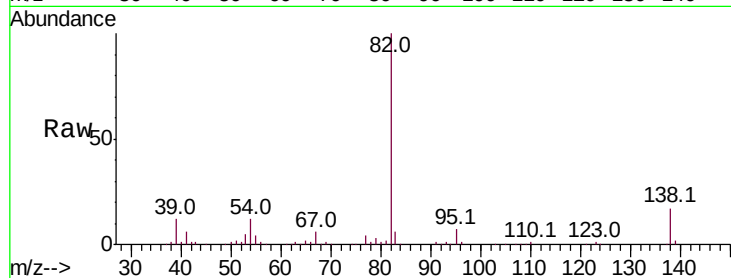
Tot Ion: 82 Resp: 362528

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

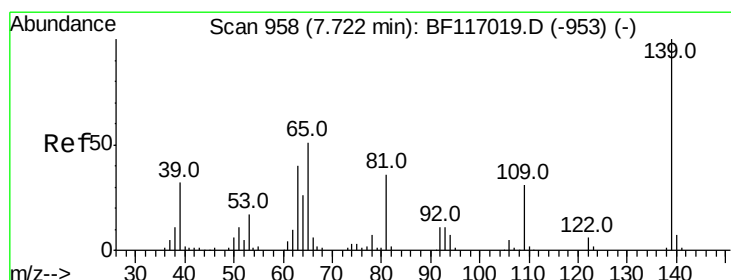
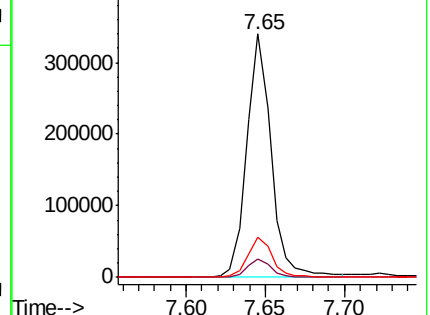
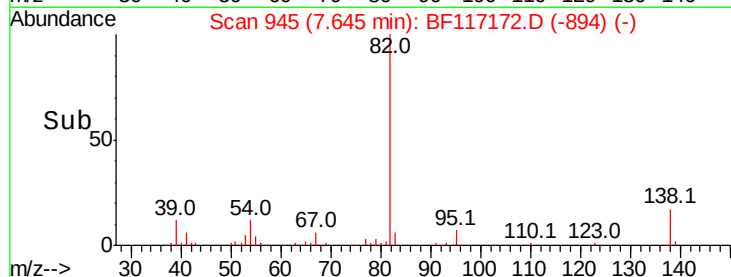
138 16.6 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.996 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

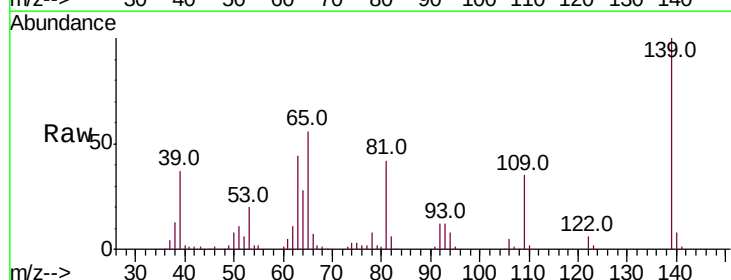
Tgt Ion: 139 Resp: 95449

Ion Ratio Lower Upper

139 100

109 34.5 24.6 36.8

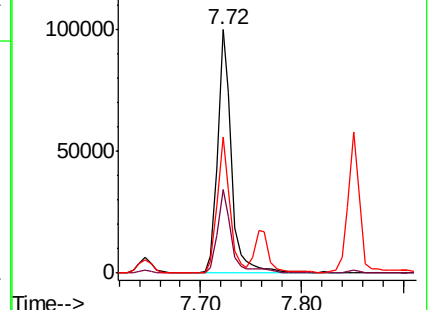
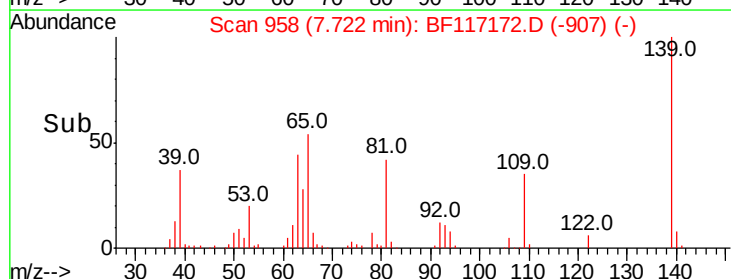
65 55.7 40.9 61.3

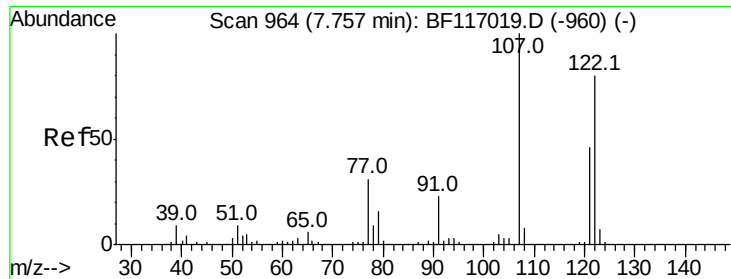


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.015 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampled :

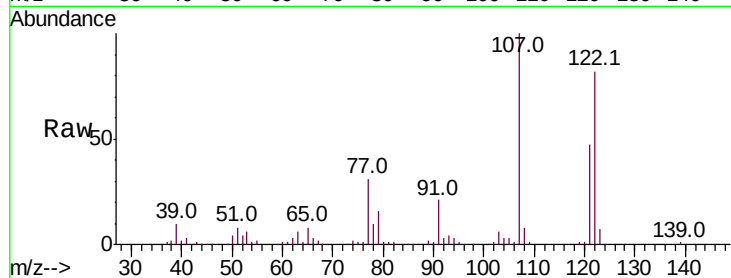
Tot Ion:122 Resp: 147648

Ion Ratio Lower Upper

122 100

107 122.3 98.9 148.3

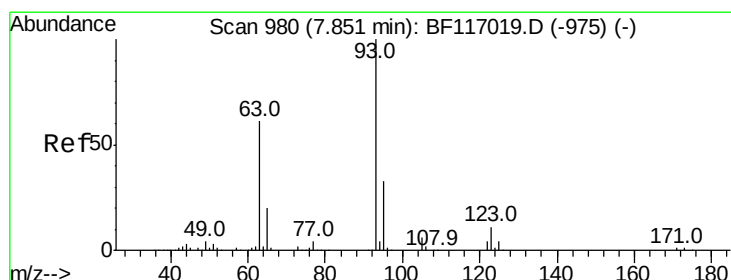
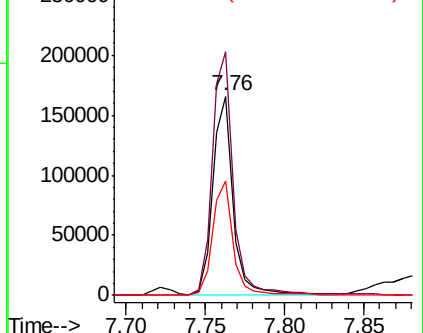
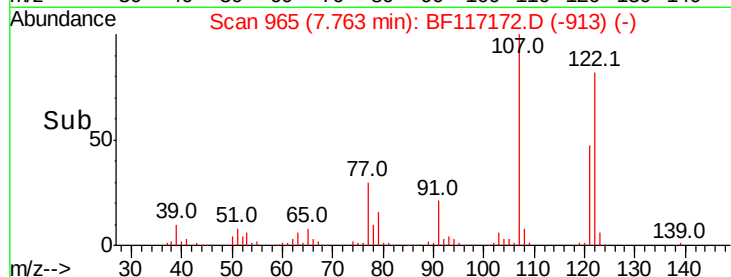
121 57.6 45.3 67.9



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: 37.120 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

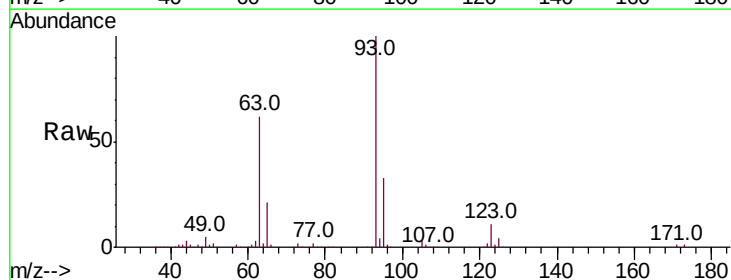
Tgt Ion: 93 Resp: 227816

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

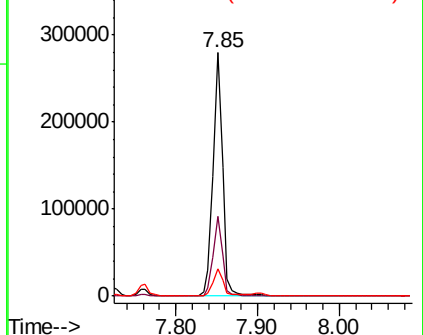
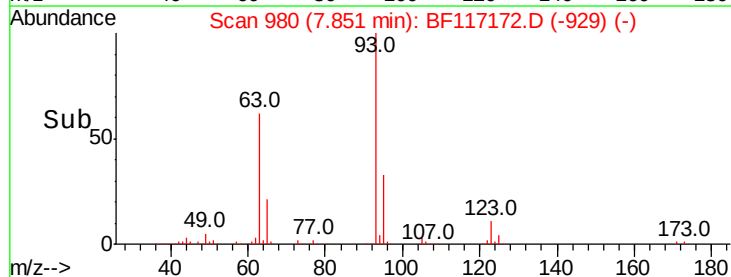
123 11.3 9.0 13.6

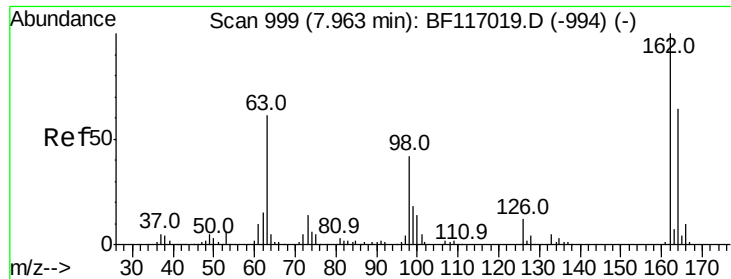


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

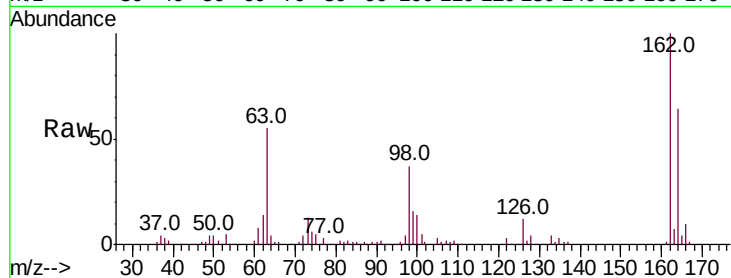




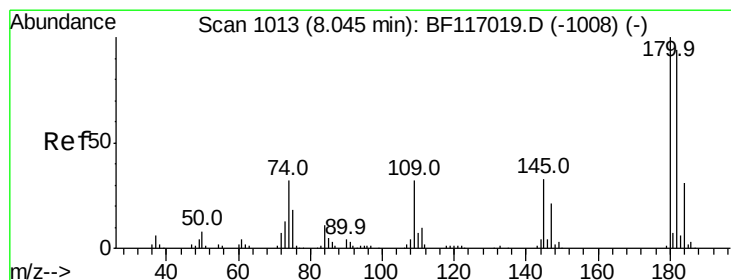
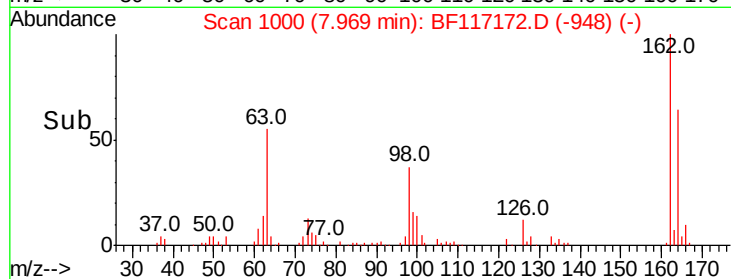
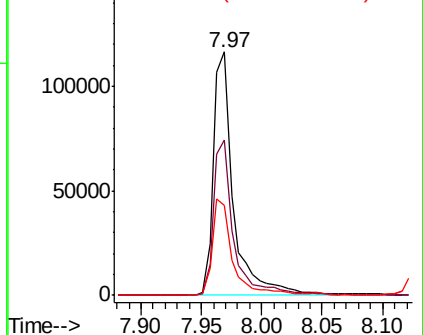
#29
 2,4-Dichlorophenol
 Concen: 33.526 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.8	83.8
98	37.0	22.1	62.1

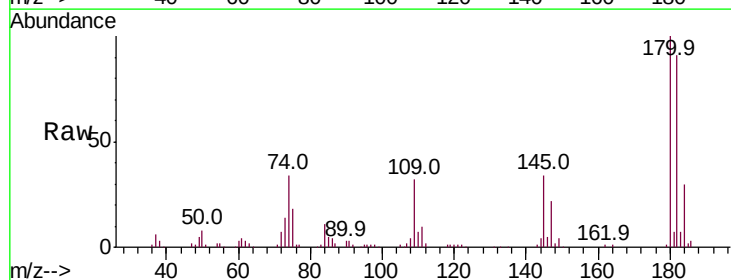


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

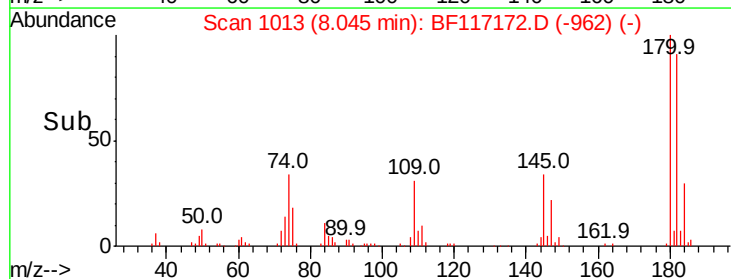
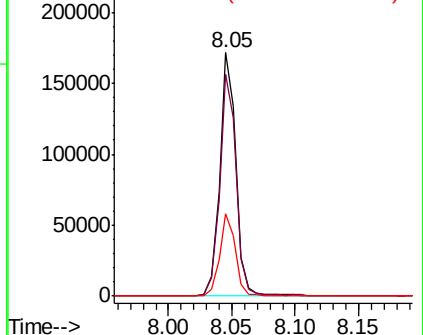


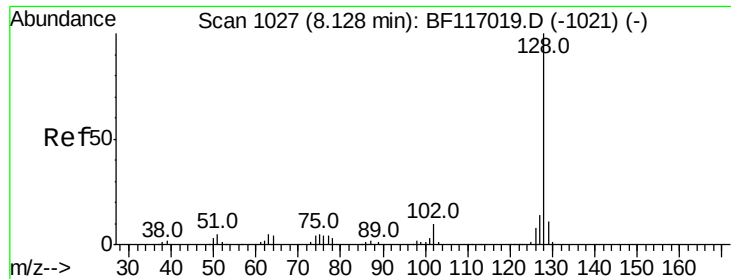
#30
 1,2,4-Trichlorobenzene
 Concen: 35.970 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.0	75.4	113.0
145	34.0	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

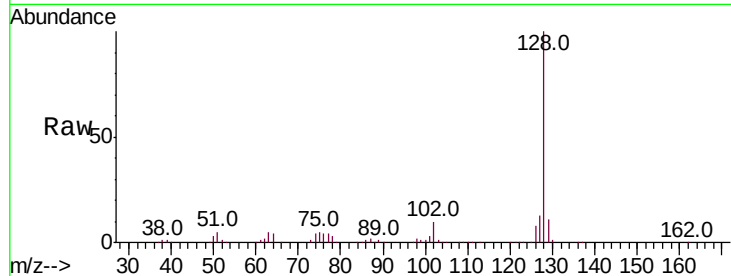




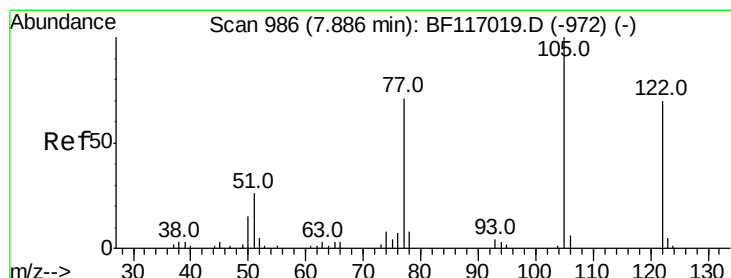
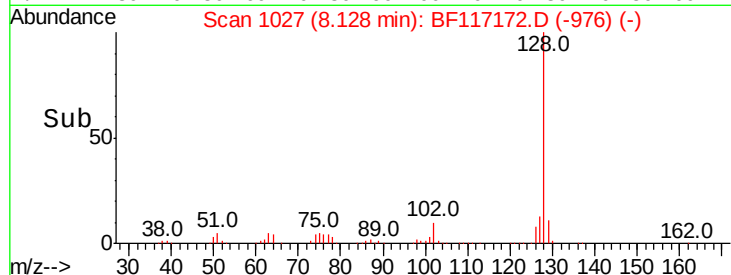
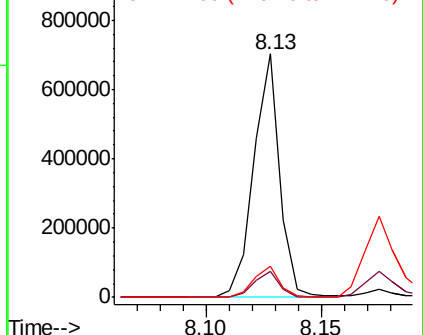
#31
Naphthalene
Concen: 39.012 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 554626
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.0 10.8 16.2

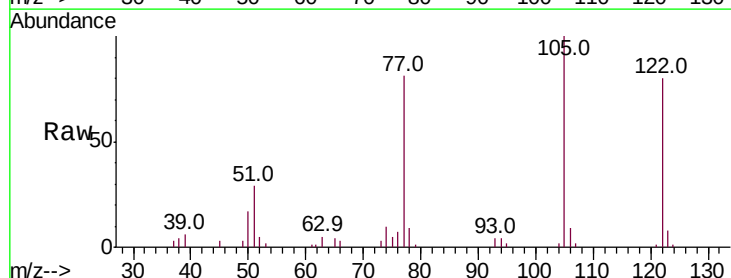


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

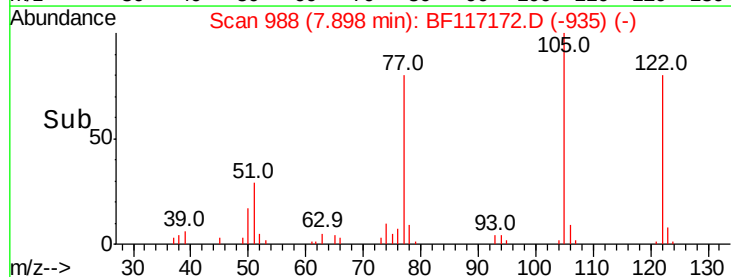
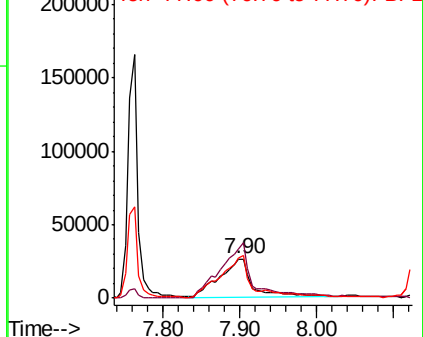


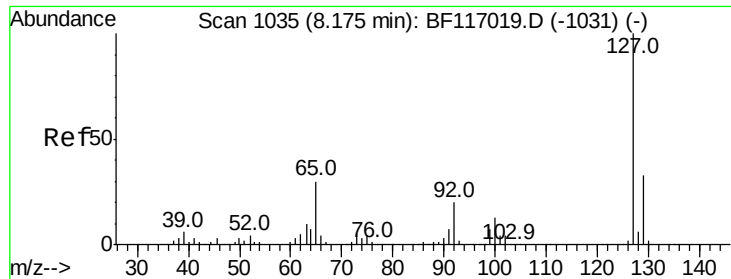
#32
Benzoic acid
Concen: 29.931 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:122 Resp: 77308
Ion Ratio Lower Upper
122 100
105 125.4 114.8 154.8
77 101.7 78.7 118.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

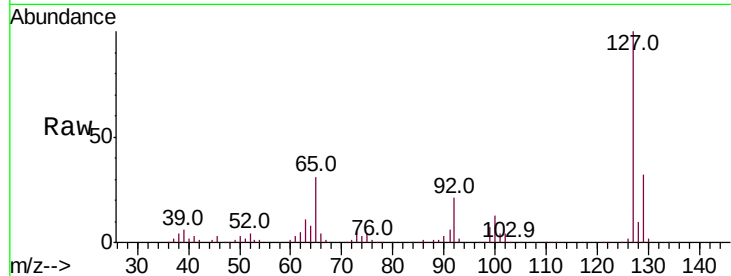




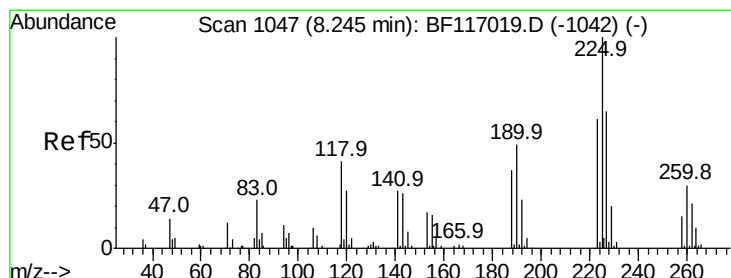
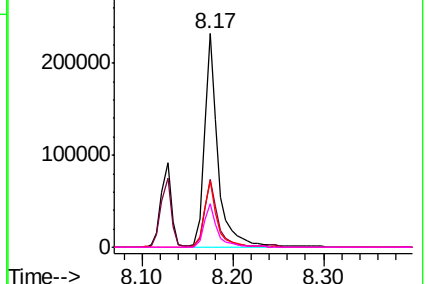
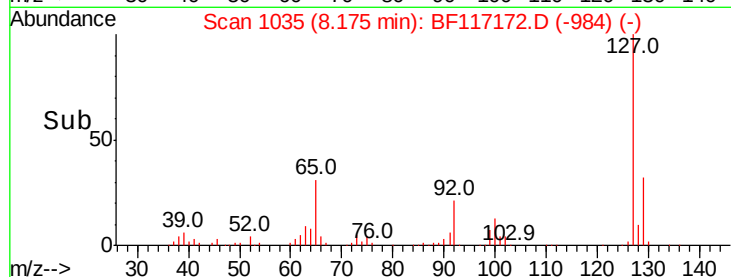
#33
4-Chloroaniline
Concen: 38.726 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	244187
Ion Ratio	Lower	Upper
127	100	
129	31.6	26.2 39.2
65	31.4	23.5 35.3
92	20.6	15.9 23.9

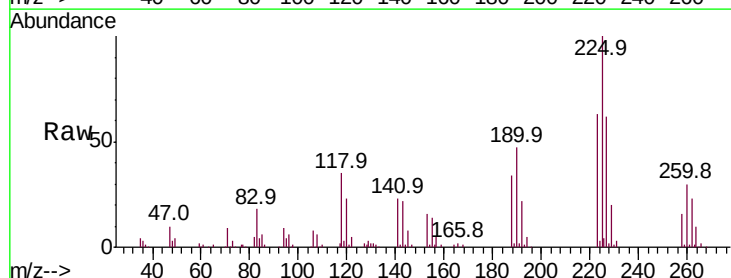


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

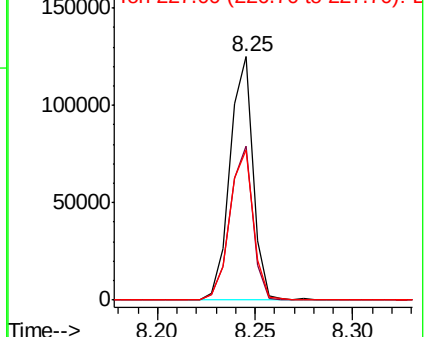
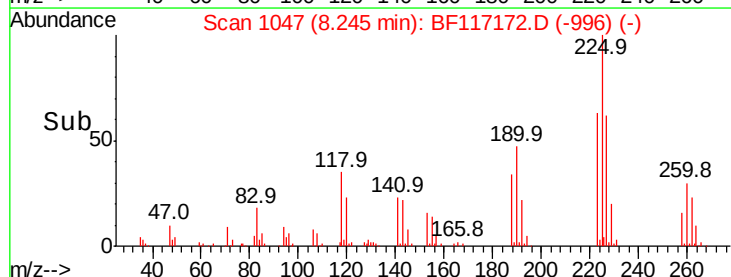


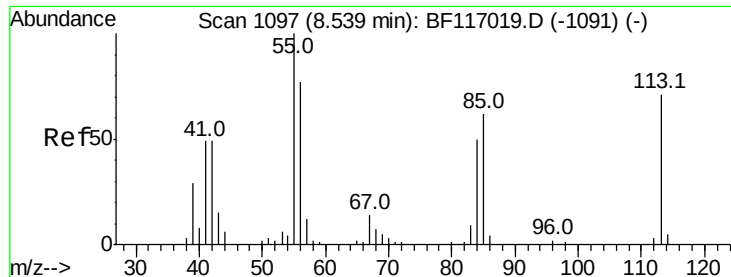
#34
Hexachlorobutadiene
Concen: 42.220 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:225	Resp:	102619
Ion Ratio	Lower	Upper
225	100	
223	63.3	49.1 73.7
227	61.8	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

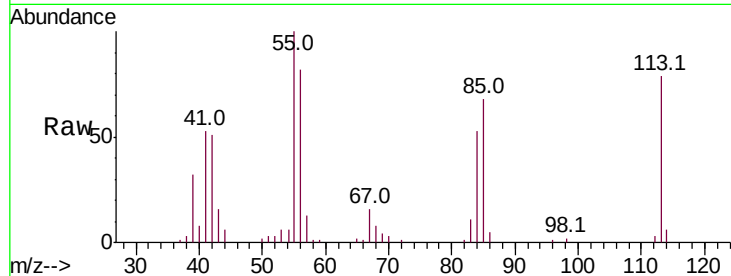




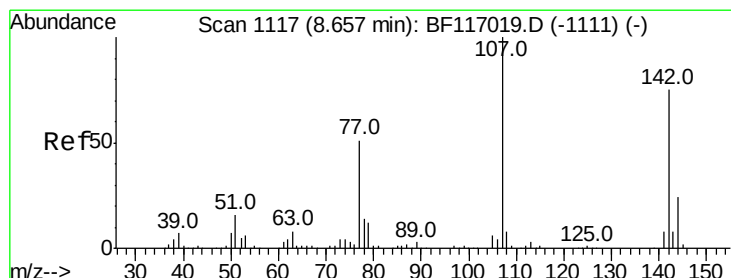
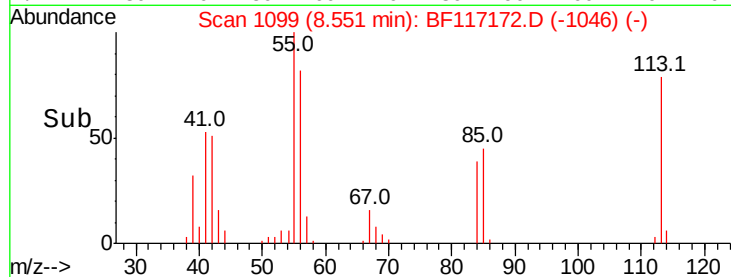
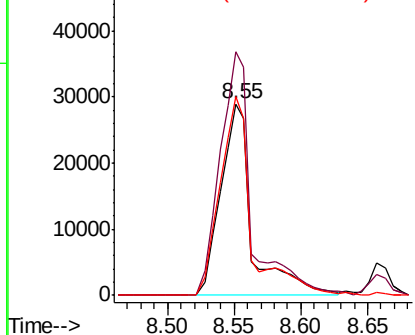
#35
 Caprolactam
 Concen: 35.692 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 47905
 Ion Ratio Lower Upper
 113 100
 55 127.1 120.6 160.6
 56 104.1 88.8 128.8

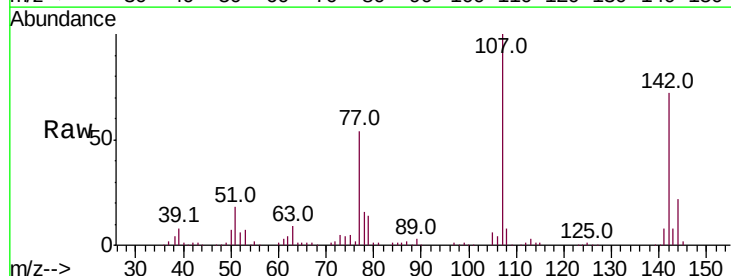


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

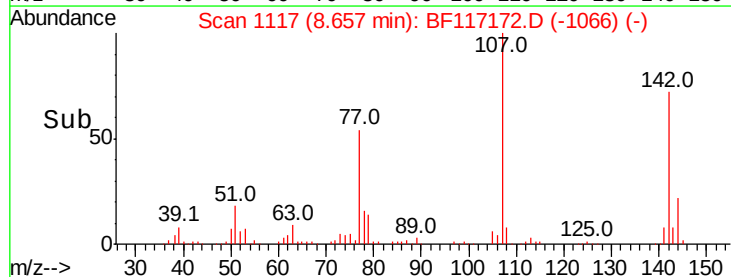
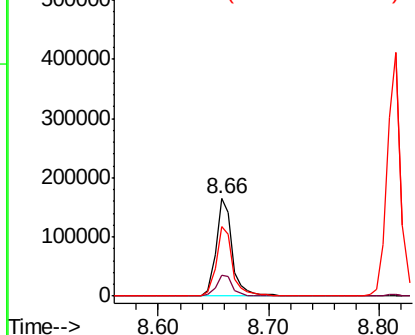


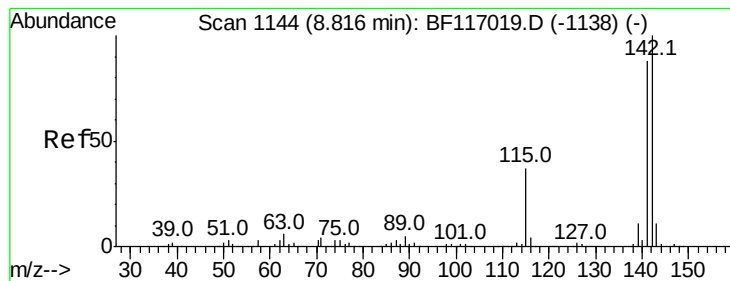
#36
 4-Chloro-3-methylphenol
 Concen: 36.462 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Tgt Ion:107 Resp: 168589
 Ion Ratio Lower Upper
 107 100
 144 22.0 19.2 28.8
 142 72.1 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: 36.601 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampled :

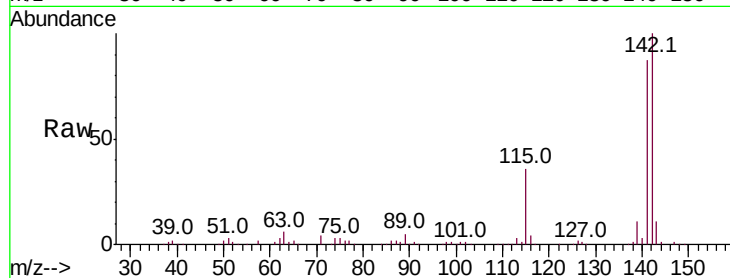
Tot Ion:142 Resp: 350399

Ion Ratio Lower Upper

142 100

141 87.4 70.7 106.1

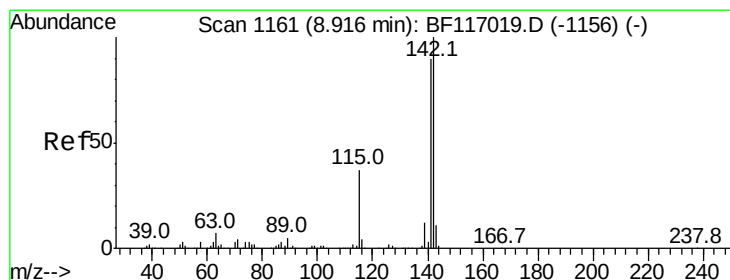
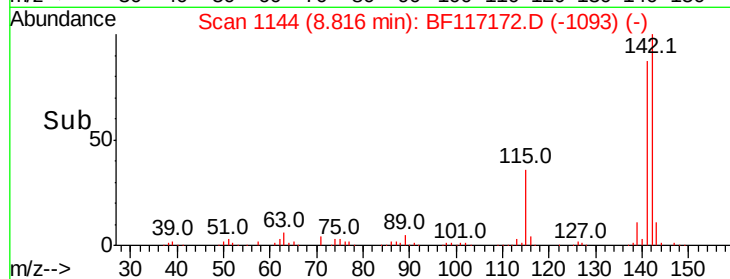
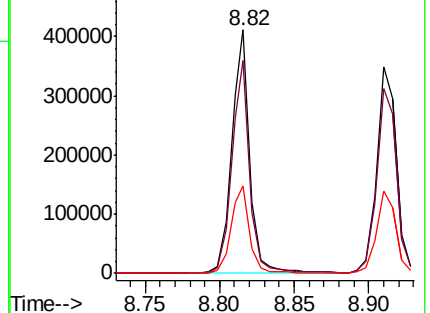
115 36.2 29.4 44.0



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: 34.723 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

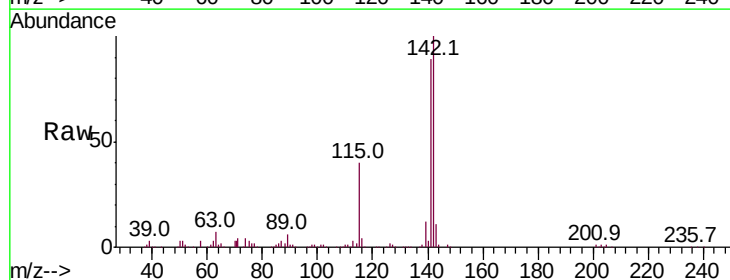
Tgt Ion:142 Resp: 311339

Ion Ratio Lower Upper

142 100

141 89.2 71.9 107.9

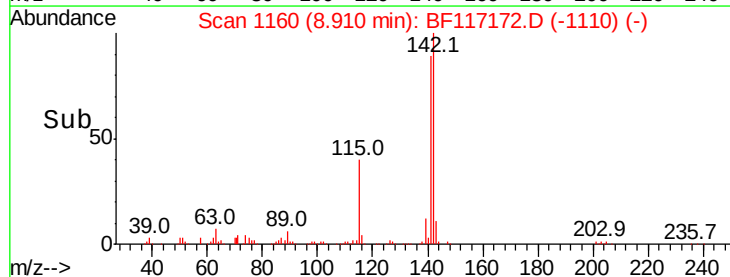
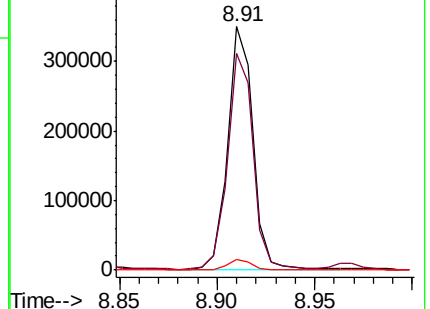
116 4.3 3.2 4.8

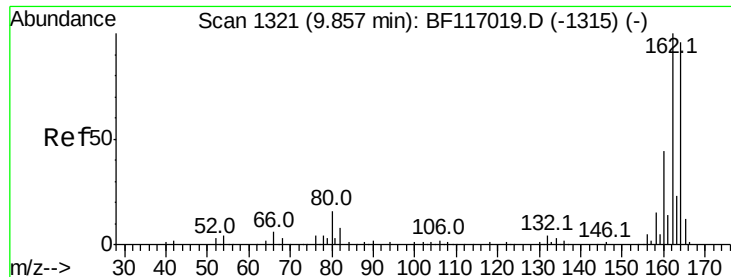


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

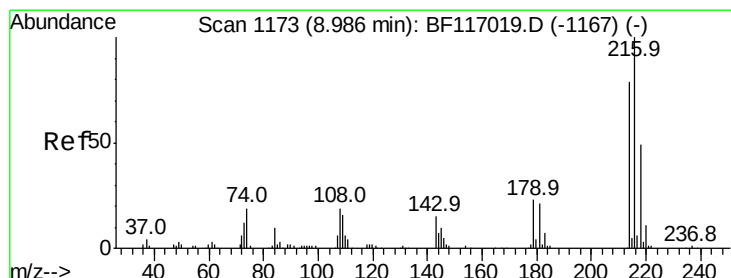
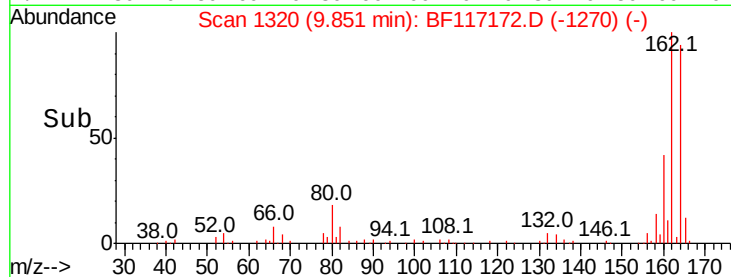
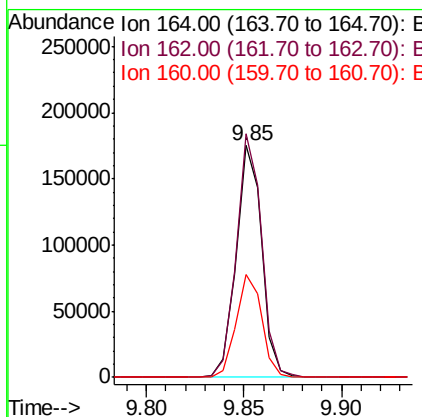
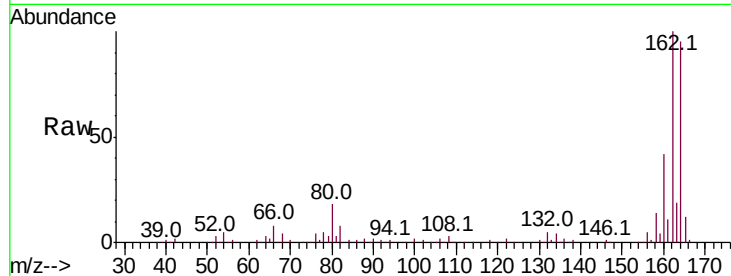




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

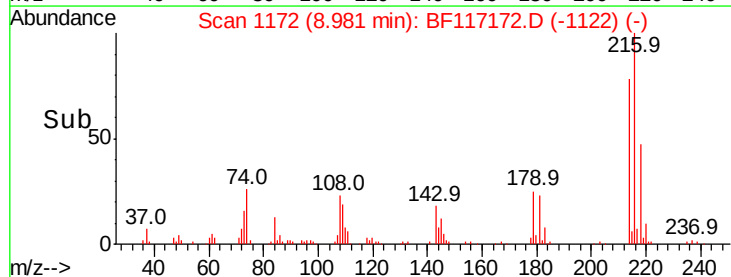
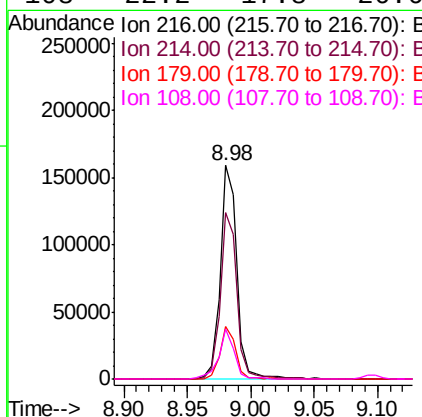
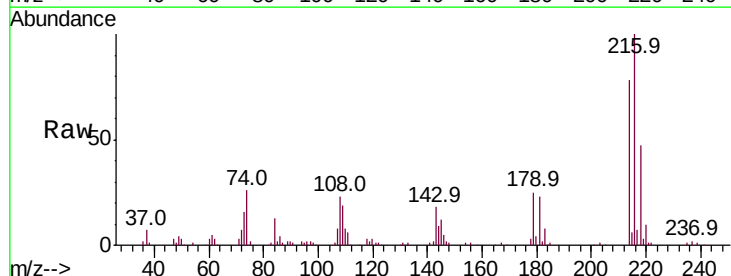
Instrument :
BNA_F
ClientSampleId :

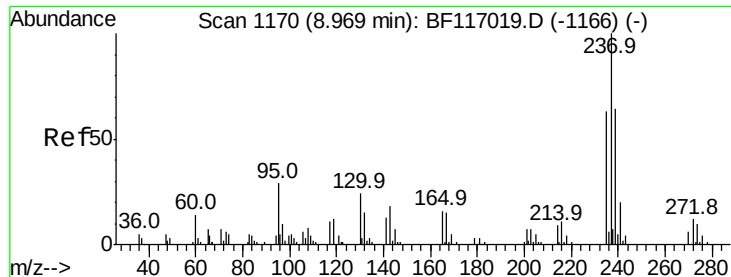
Tot Ion:164 Resp: 158712
Ion Ratio Lower Upper
164 100
162 105.0 83.4 125.2
160 44.4 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.641 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:216 Resp: 146068
Ion Ratio Lower Upper
216 100
214 78.5 63.6 95.4
179 23.4 18.3 27.5
108 22.2 17.8 26.6

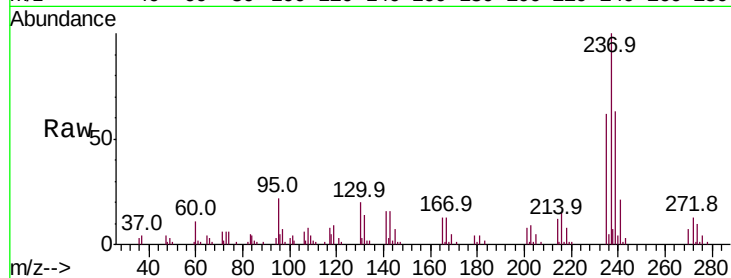




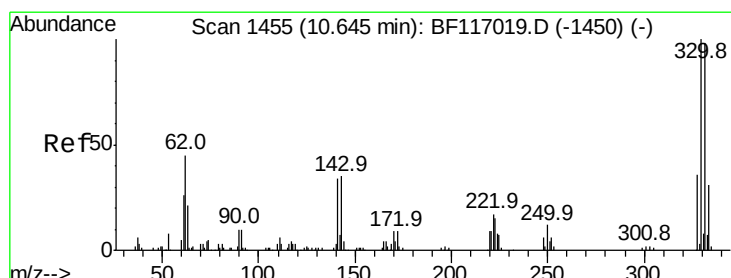
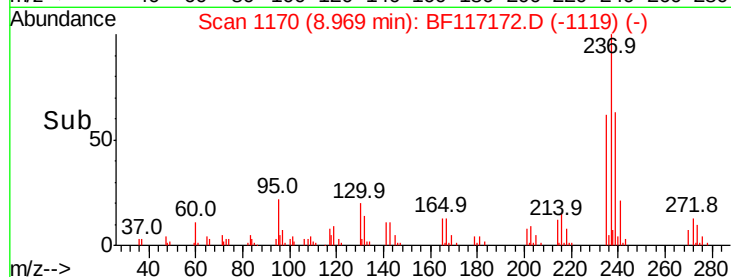
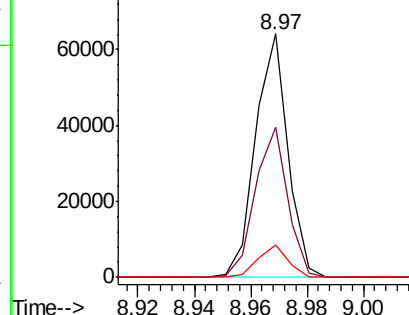
#41
Hexachlorocyclopentadiene
Concen: 33.088 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.8	43.2	83.2
272	13.3	0.0	31.9

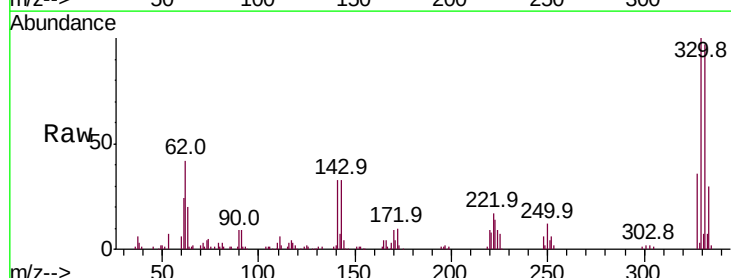


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

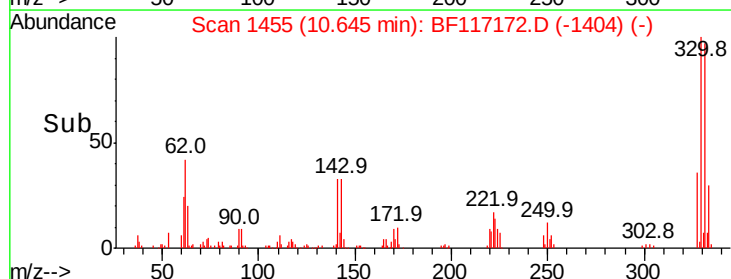
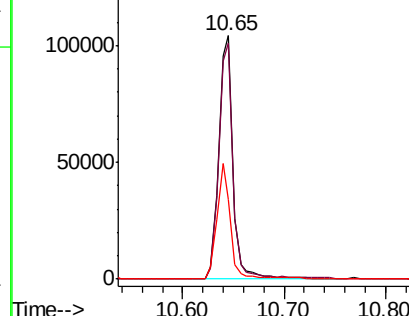


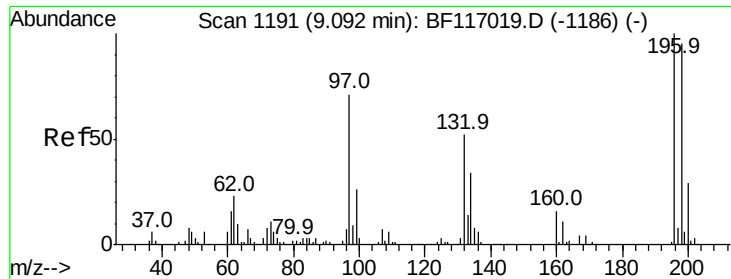
#42
2,4,6-Tribromophenol
Concen: 77.173 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	43.9	35.8	53.6



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

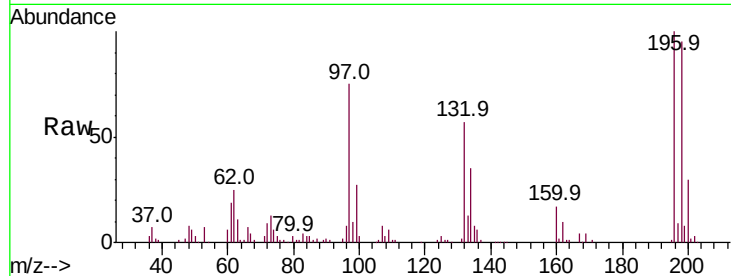




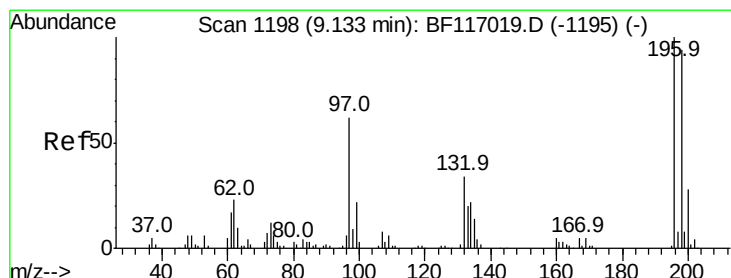
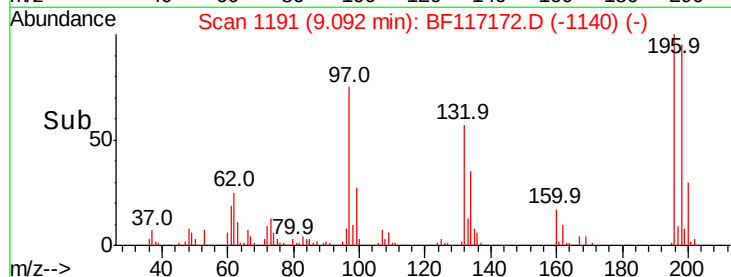
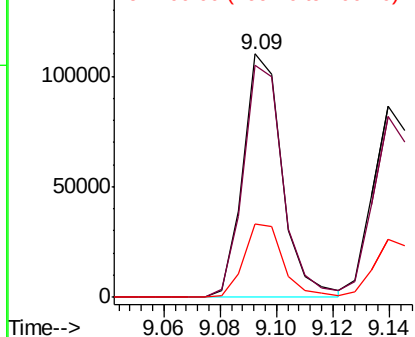
#43
 2,4,6-Trichlorophenol
 Concen: 38.163 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 106141
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 29.9 23.3 34.9

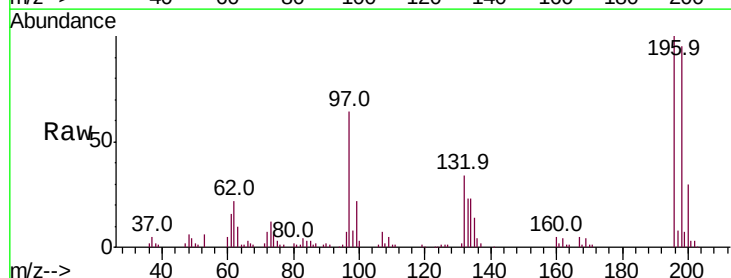


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

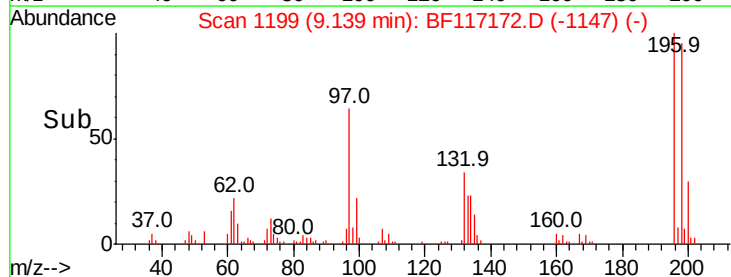
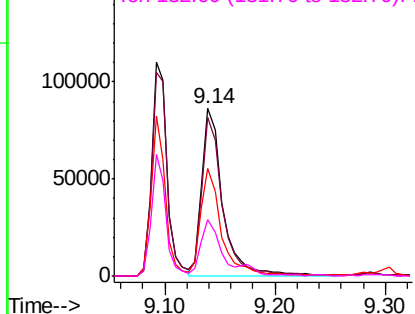


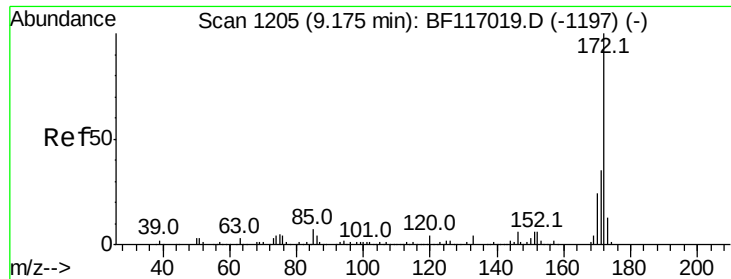
#44
 2,4,5-Trichlorophenol
 Concen: 37.589 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Tgt Ion:196 Resp: 111698
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.6 112.0
 97 64.0 49.5 74.3
 132 33.7 27.4 41.2



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

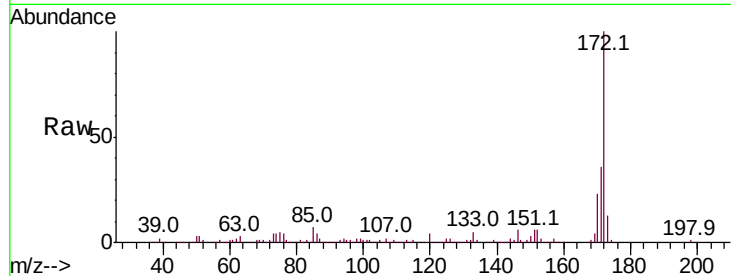




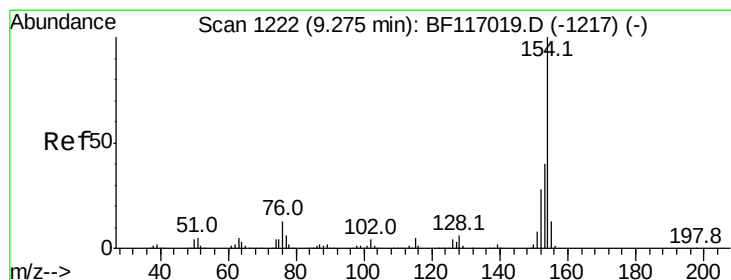
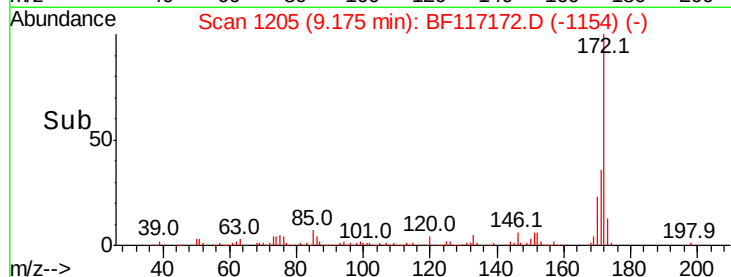
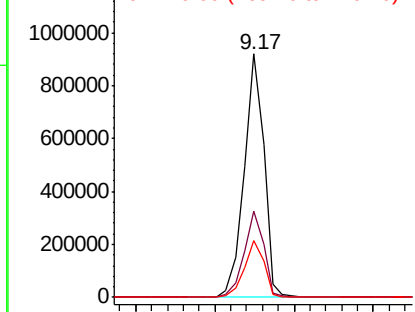
#45
2-Fluorobiphenyl
Concen: 78.087 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 792633
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.3 18.9 28.3

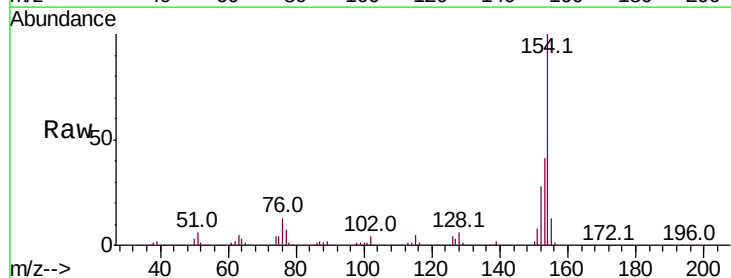


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

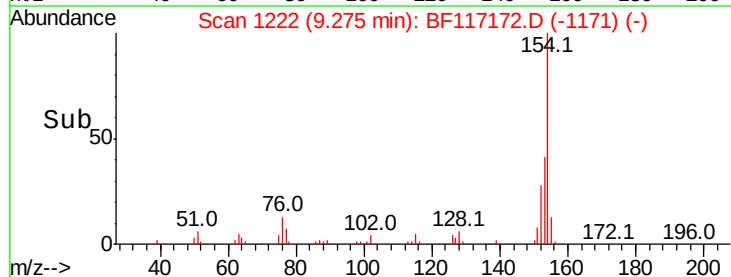
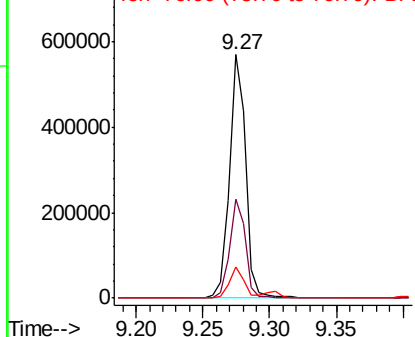


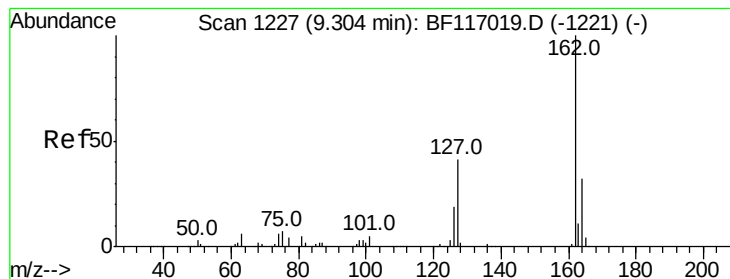
#46
1,1'-Biphenyl
Concen: 39.278 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:154 Resp: 488989
Ion Ratio Lower Upper
154 100
153 40.7 20.0 60.0
76 12.7 0.0 32.7



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





#47

2-Chloronaphthalene

Concen: 39.441 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampleId :

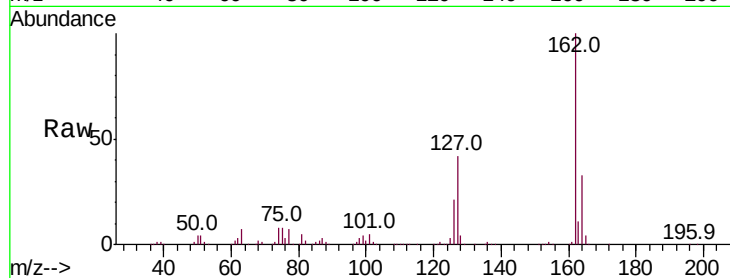
Tot Ion:162 Resp: 387513

Ion Ratio Lower Upper

162 100

127 42.1 34.1 51.1

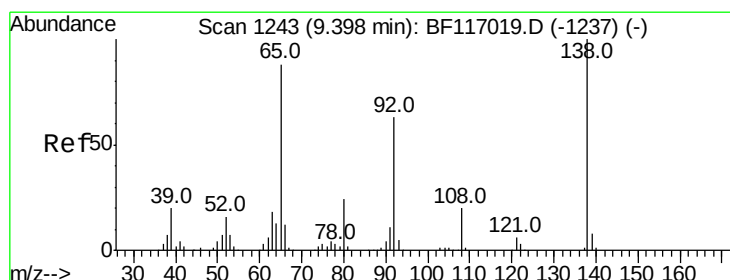
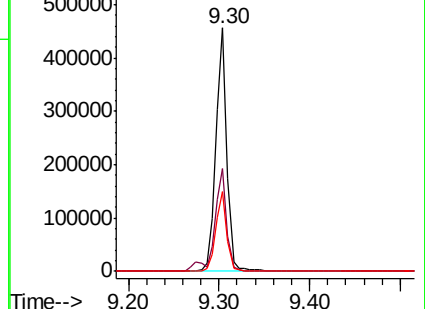
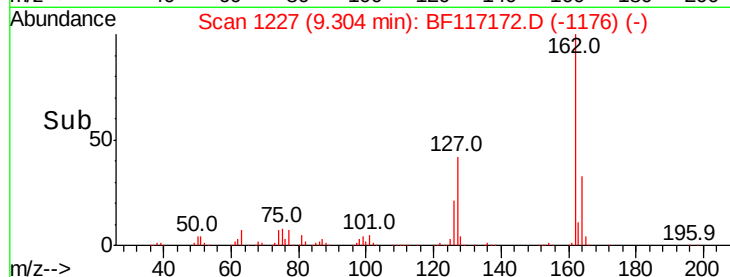
164 33.0 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.475 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

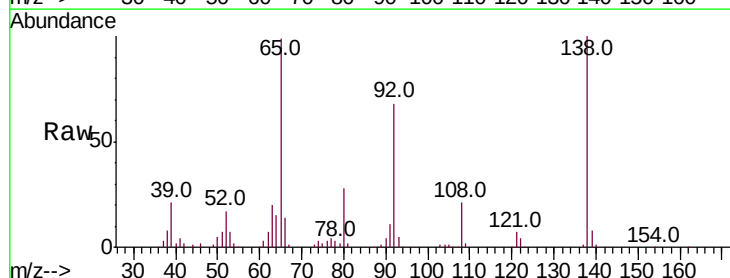
Tgt Ion: 65 Resp: 127554

Ion Ratio Lower Upper

65 100

92 68.6 57.5 86.3

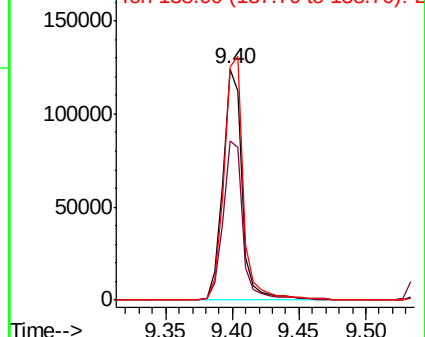
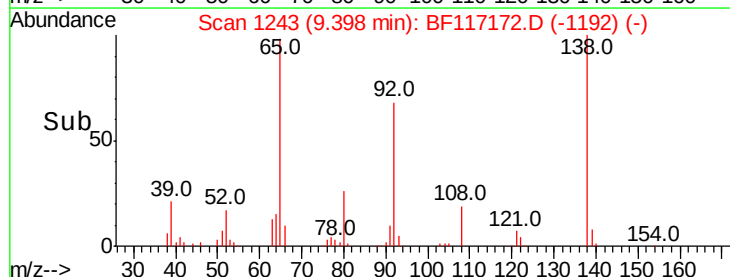
138 100.9 90.6 136.0

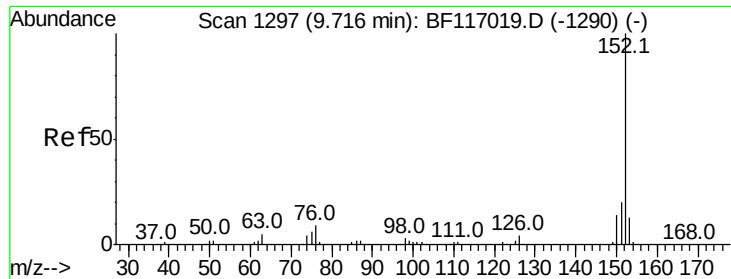


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.994 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampleId :

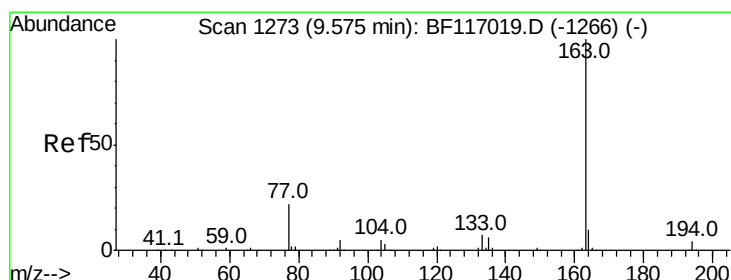
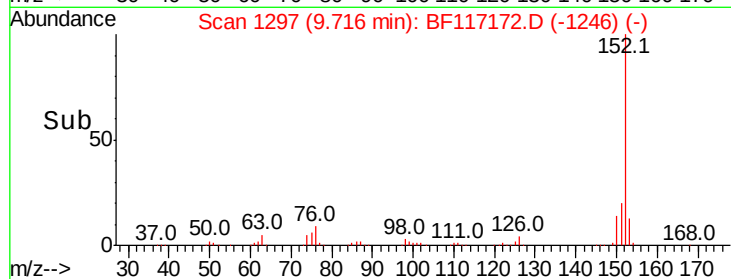
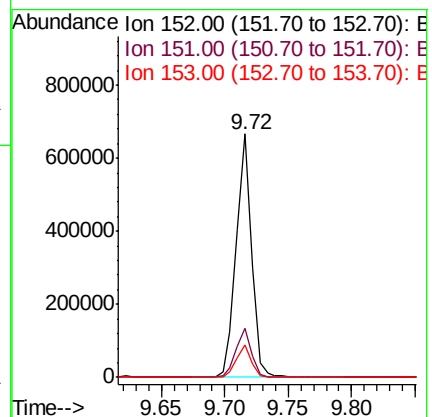
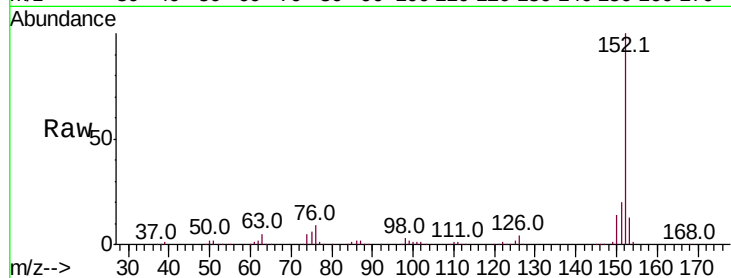
Tot Ion:152 Resp: 559222

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.2 10.2 15.4



#50

Dimethylphthalate

Concen: 38.830 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

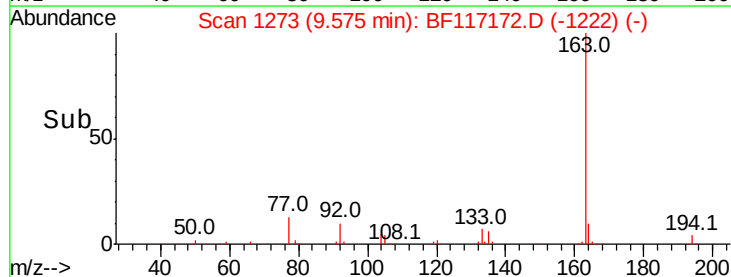
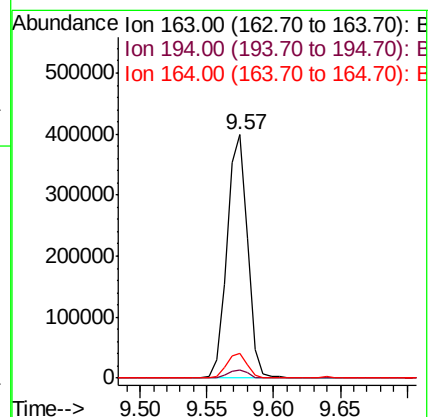
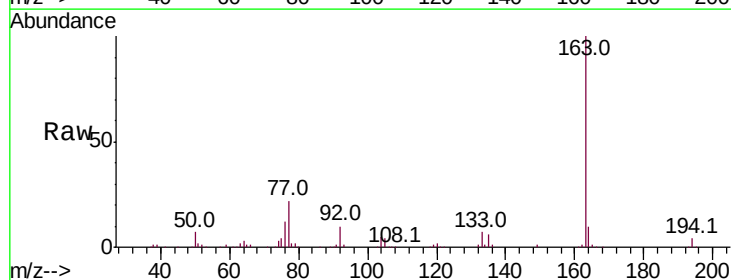
Tgt Ion:163 Resp: 436359

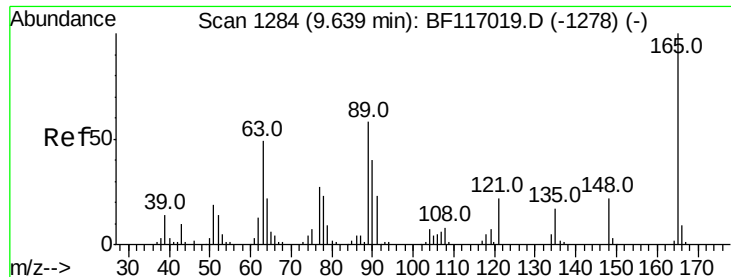
Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

164 9.9 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 38.692 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampleId :

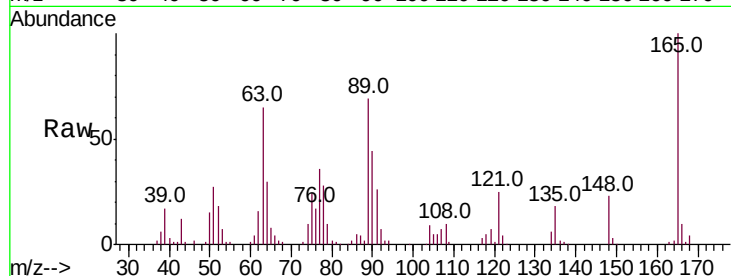
Tot Ion:165 Resp: 88555

Ion Ratio Lower Upper

165 100

63 64.9 41.8 62.8#

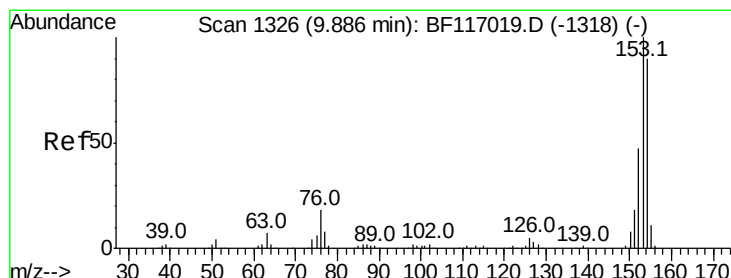
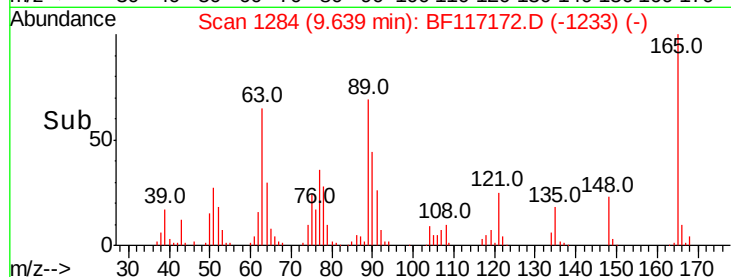
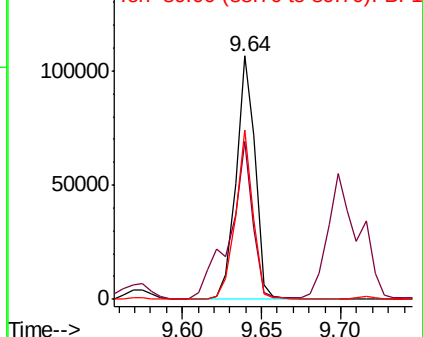
89 69.5 46.5 69.7



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: 36.453 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

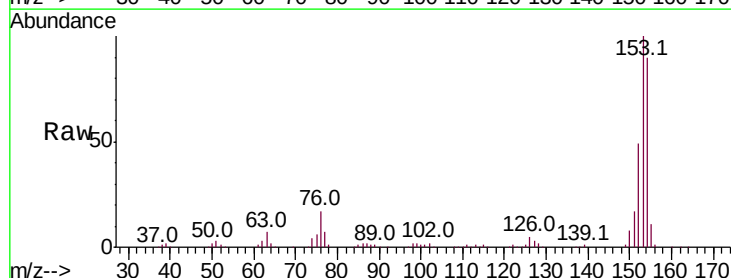
Tgt Ion:154 Resp: 318055

Ion Ratio Lower Upper

154 100

153 111.2 89.0 133.6

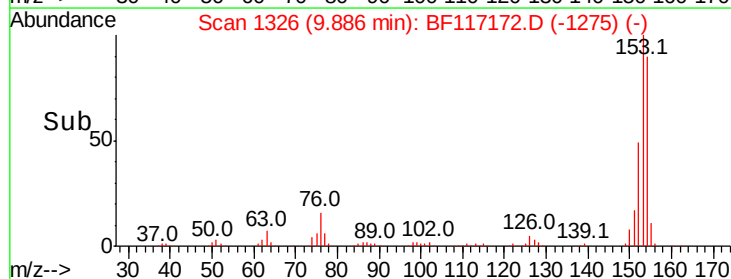
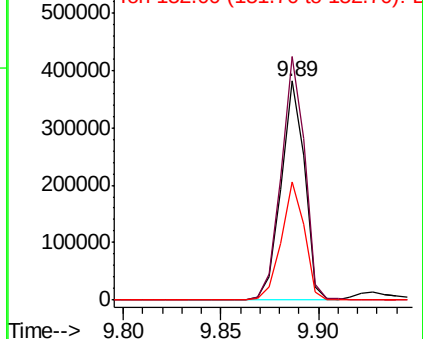
152 54.2 41.9 62.9

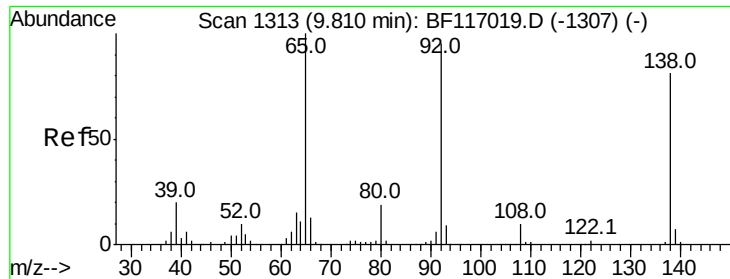


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

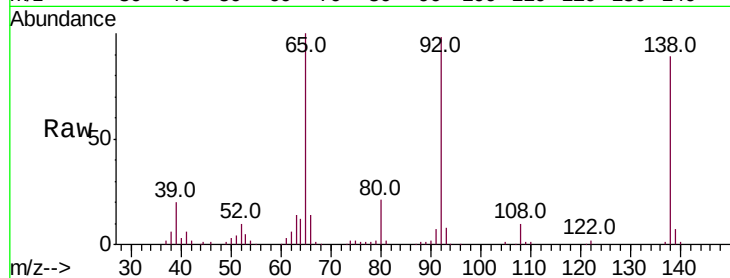




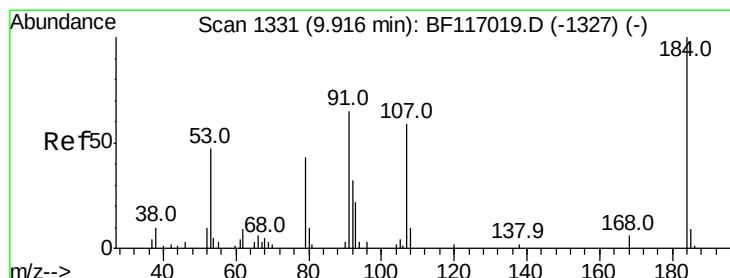
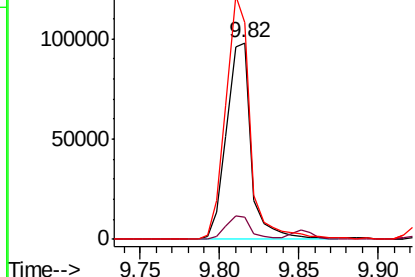
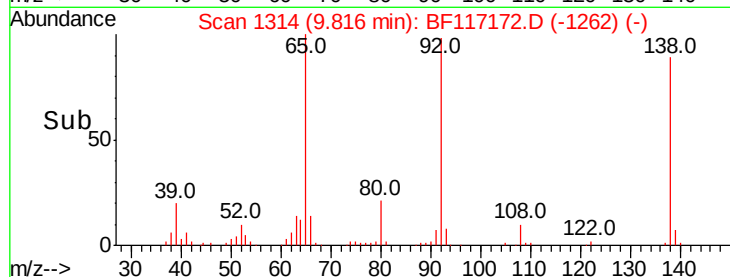
#53
3-Nitroaniline
Concen: 37.189 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 107390
Ion Ratio Lower Upper
138 100
108 11.0 9.5 14.3
92 110.3 94.1 141.1

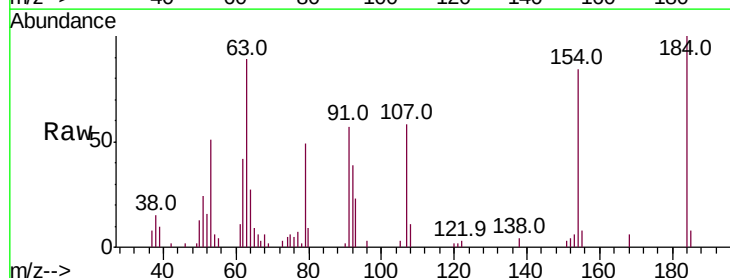


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

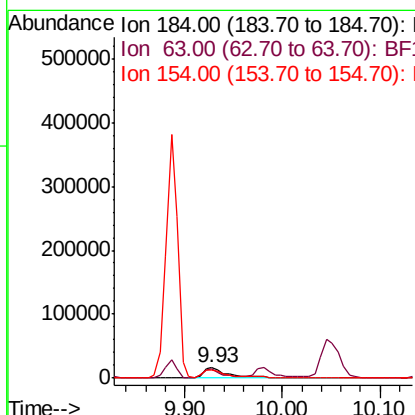
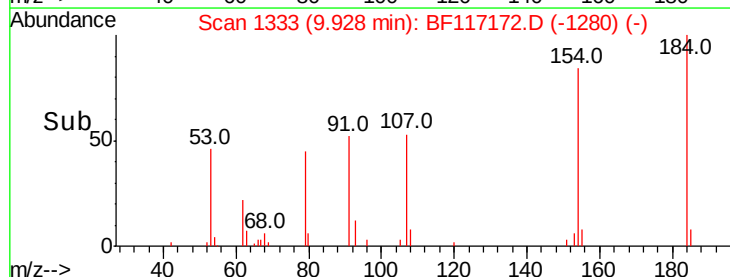


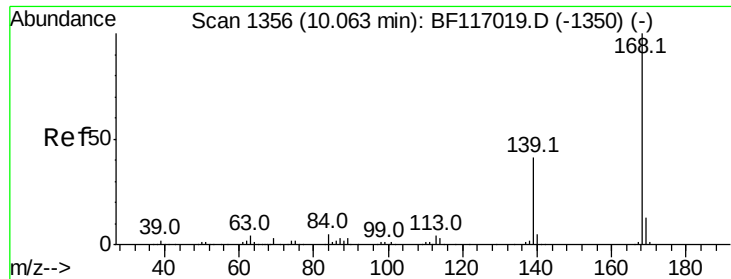
#54
2,4-Dinitrophenol
Concen: 34.628 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:184 Resp: 28419
Ion Ratio Lower Upper
184 100
63 88.9 63.8 95.6
154 84.1 60.4 90.6



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

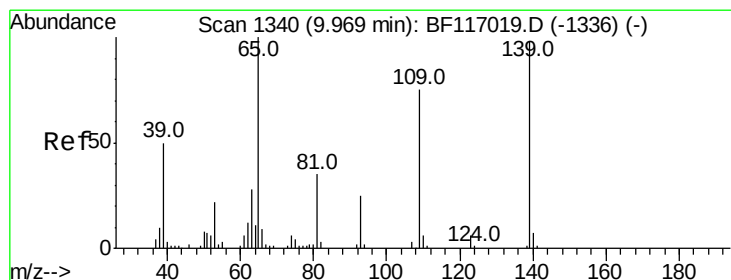
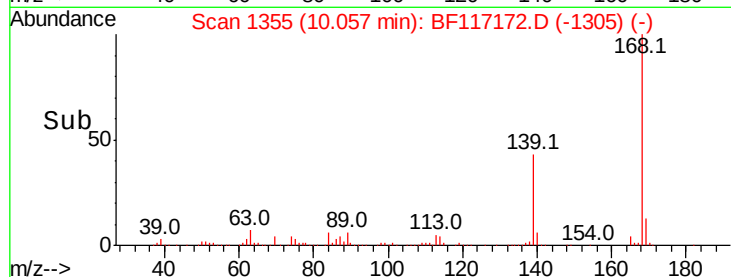
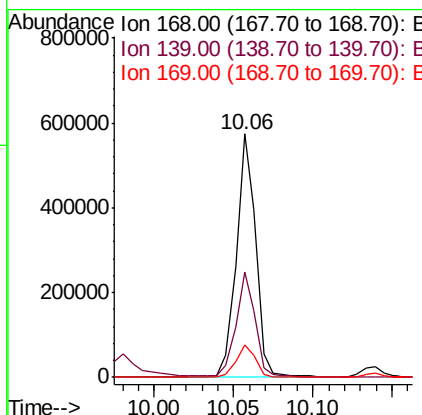
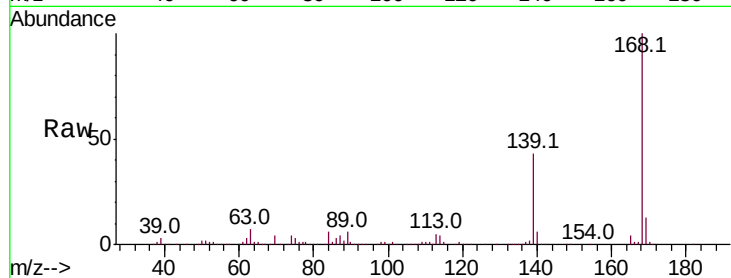




#55
Dibenzenofuran
Concen: 37.860 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

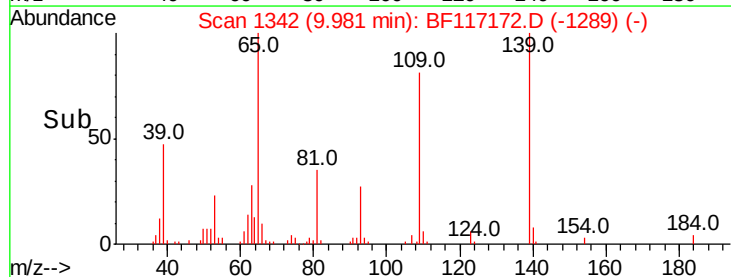
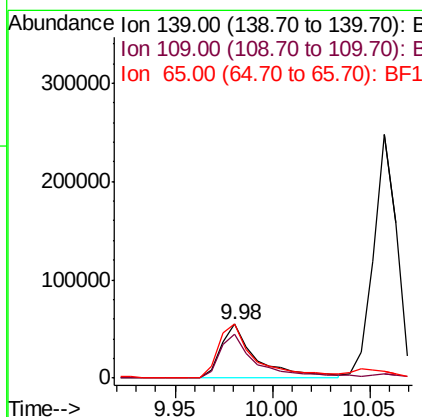
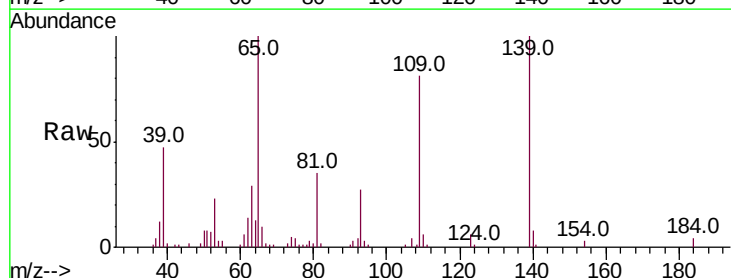
Instrument :
BNA_F
ClientSampleId :

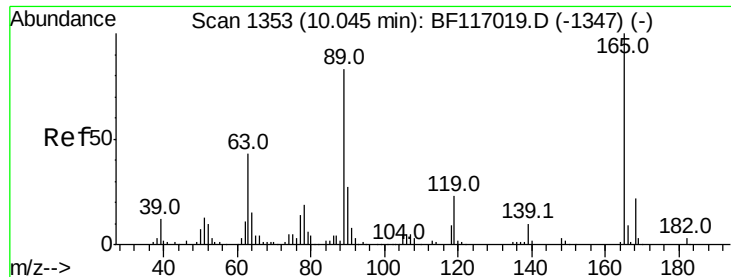
Tot Ion	Ratio	Lower	Upper
168	100		
139	43.1	32.8	49.2
169	13.1	10.5	15.7



#56
4-Nitrophenol
Concen: 36.992 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.5	56.4	96.4
65	100.1	82.5	122.5

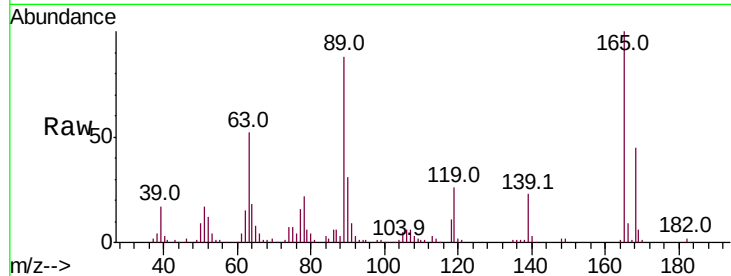




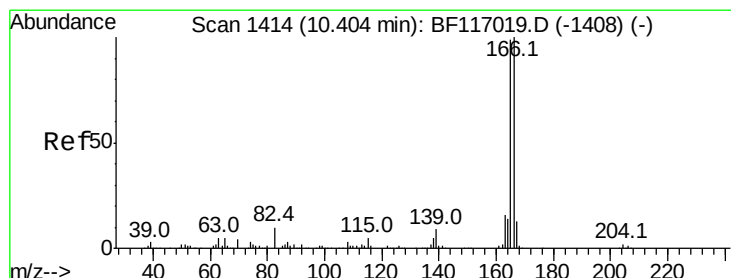
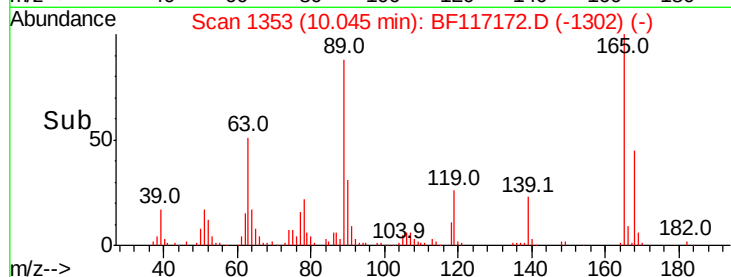
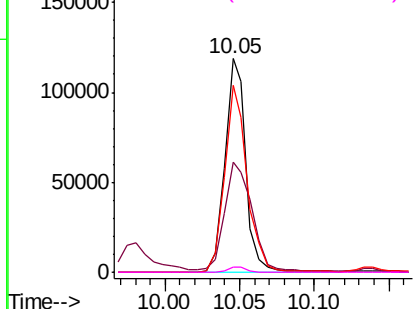
#57
2,4-Dinitrotoluene
Concen: 39.706 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 117962
Ion Ratio Lower Upper
165 100
63 51.7 35.0 52.4
89 87.6 66.1 99.1
182 2.5 2.0 3.0

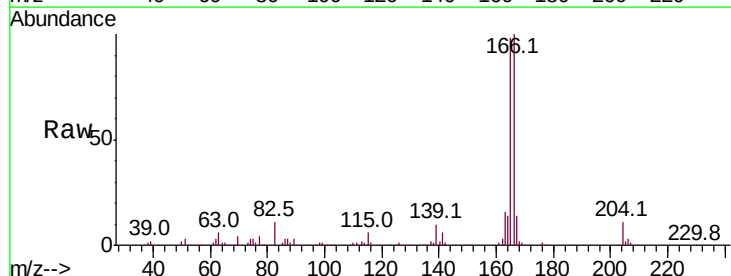


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

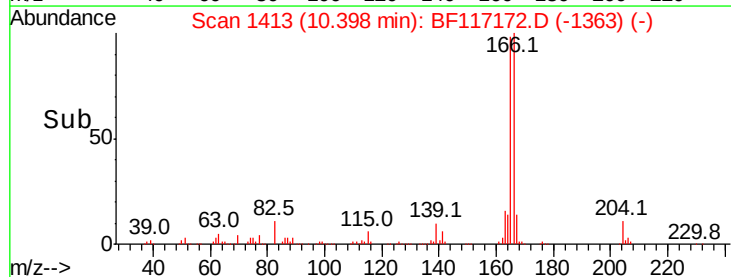
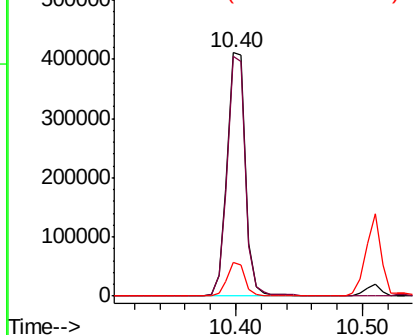


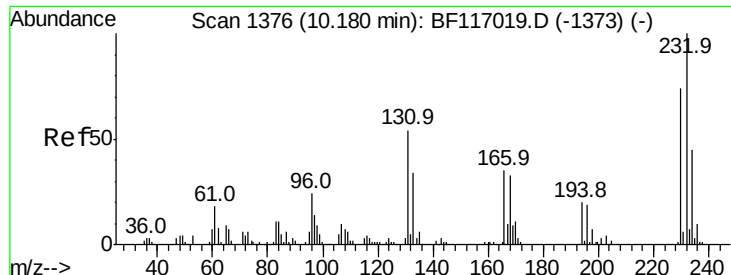
#58
Fluorene
Concen: 39.608 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:166 Resp: 410721
Ion Ratio Lower Upper
166 100
165 98.3 78.9 118.3
167 13.7 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

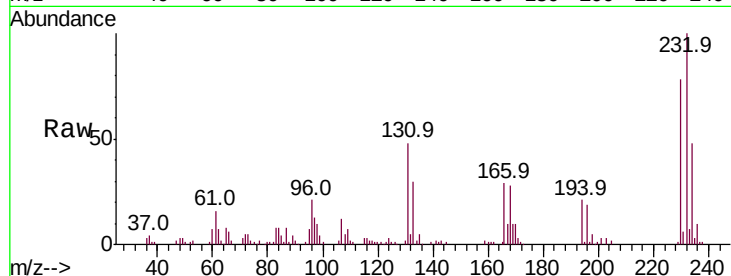




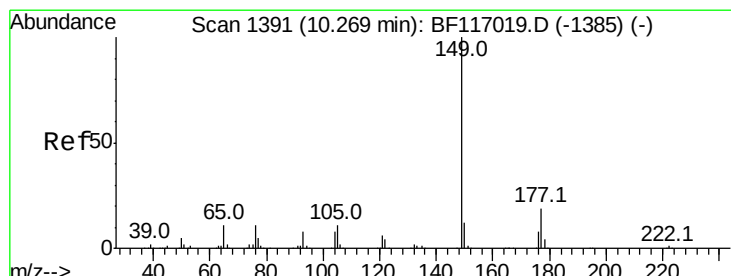
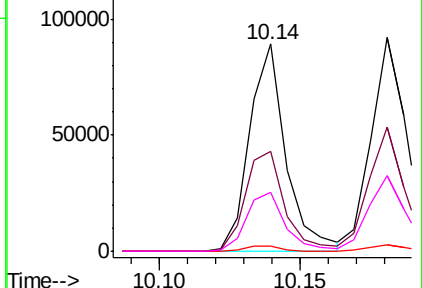
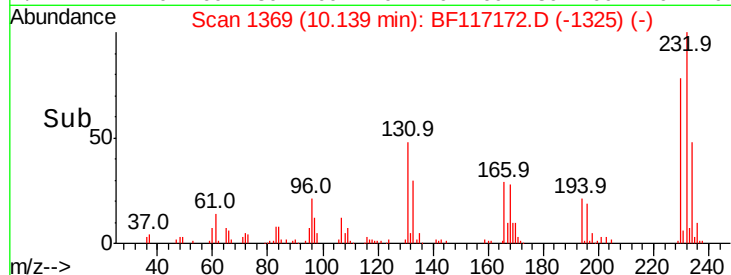
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.073 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 79755
 Ion Ratio Lower Upper
 232 100
 131 52.5 45.3 67.9
 130 2.5 1.8 2.8
 166 30.6 29.4 44.2

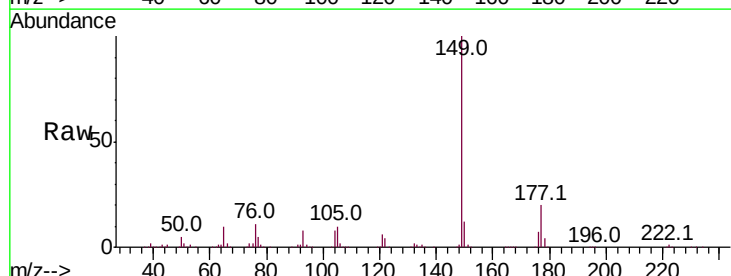


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

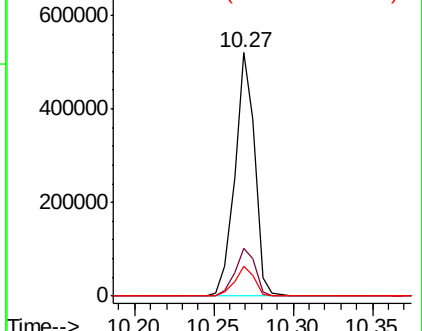
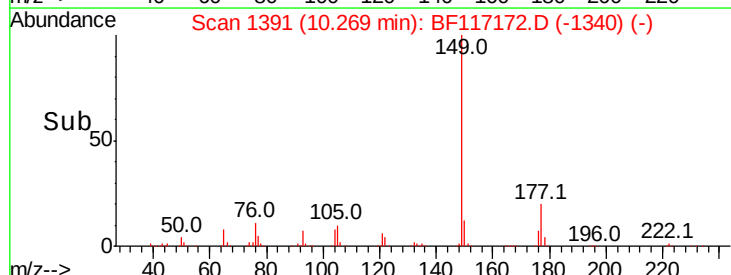


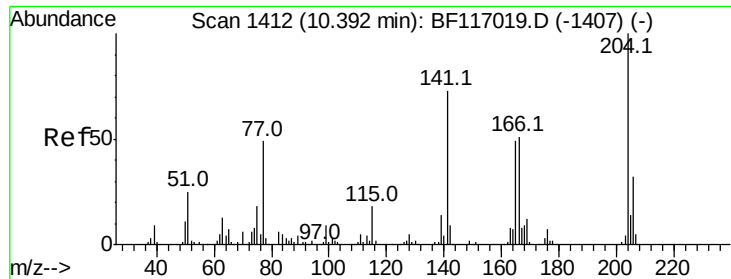
#60
 Diethylphthalate
 Concen: 40.698 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Tgt Ion:149 Resp: 449951
 Ion Ratio Lower Upper
 149 100
 177 19.6 15.2 22.8
 150 12.3 9.9 14.9



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

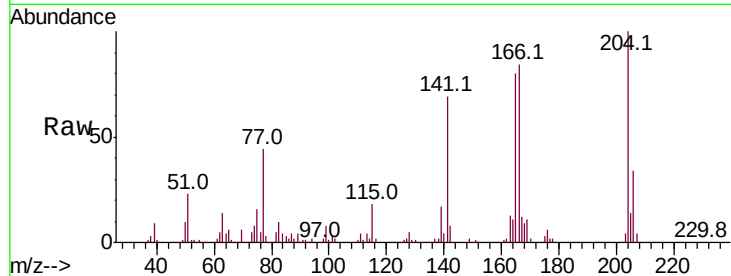




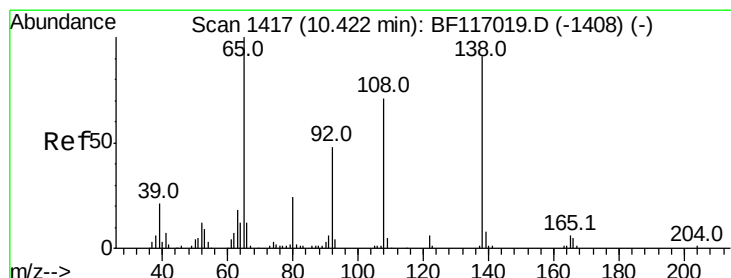
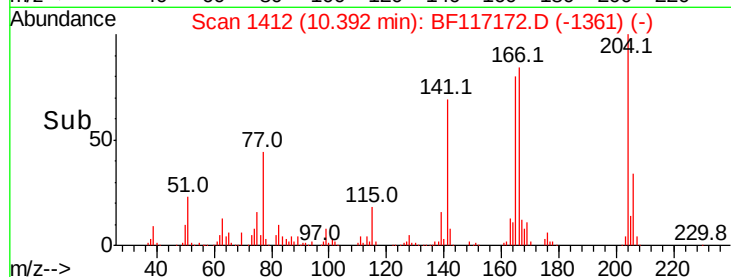
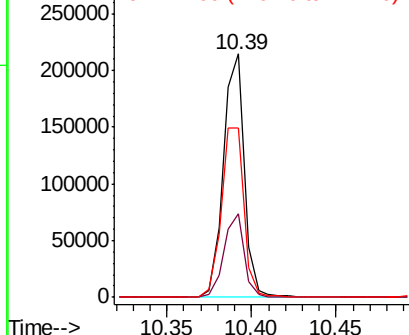
#61
4-Chlorophenyl-phenylether
Concen: 41.373 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 185625
Ion Ratio Lower Upper
204 100
206 34.3 26.0 39.0
141 69.3 58.2 87.2

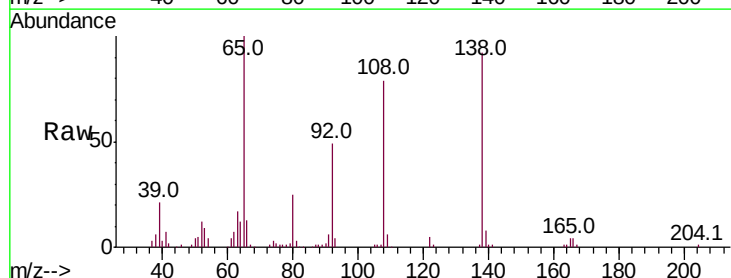


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

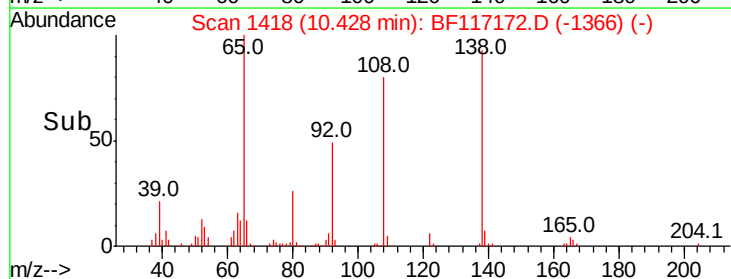
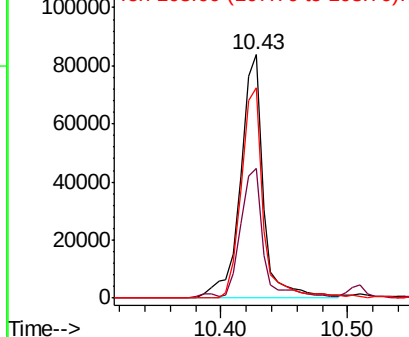


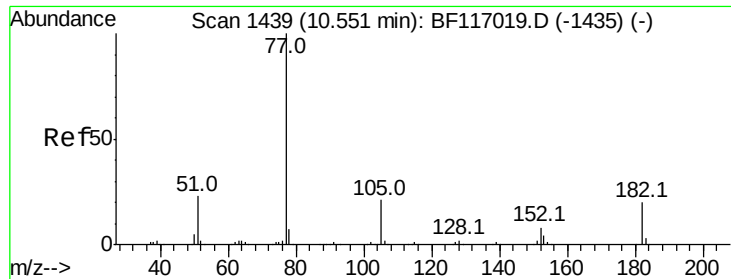
#62
4-Nitroaniline
Concen: 34.859 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:138 Resp: 104685
Ion Ratio Lower Upper
138 100
92 53.4 32.9 72.9
108 86.5 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: 37.588 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 424436

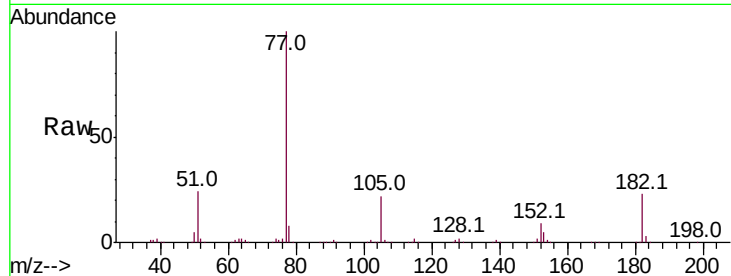
Ion Ratio Lower Upper

77 100

182 23.0 0.4 40.4

105 21.6 0.9 40.9

51 24.2 2.8 42.8

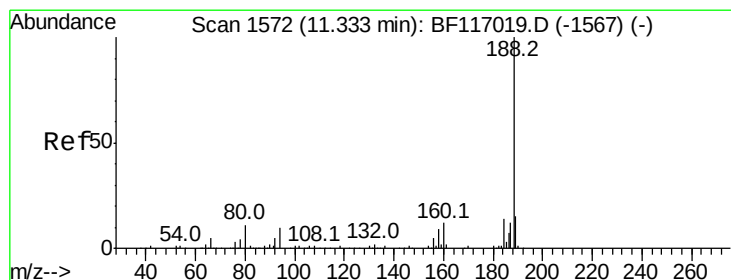
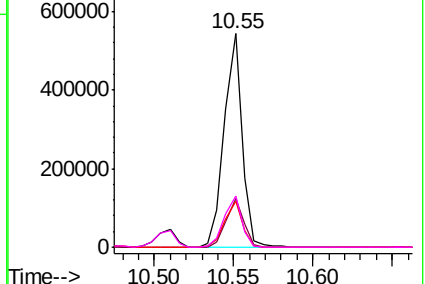
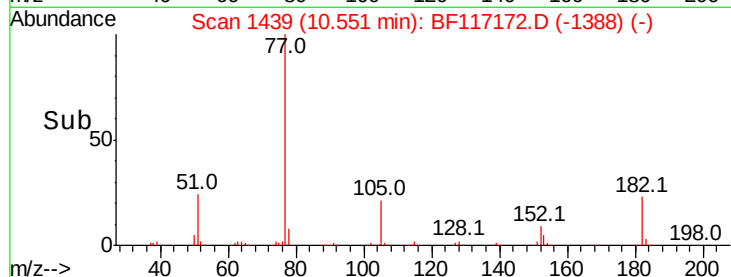


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

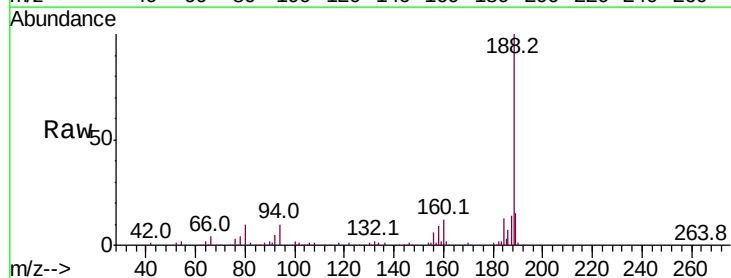
Tgt Ion: 188 Resp: 233302

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

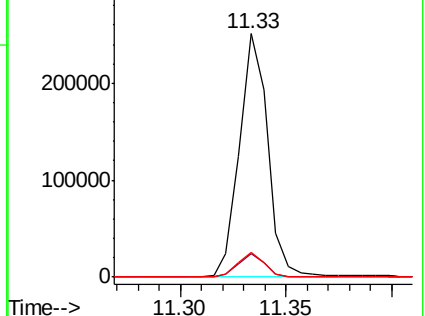
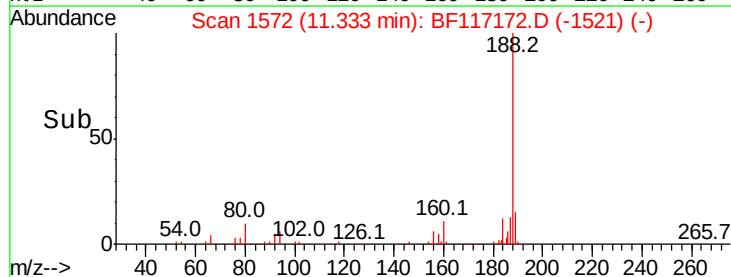
80 10.3 9.0 13.6

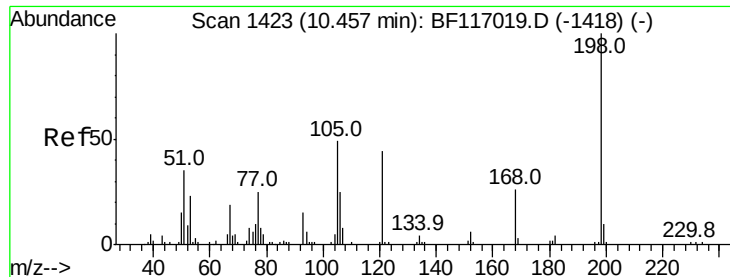


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

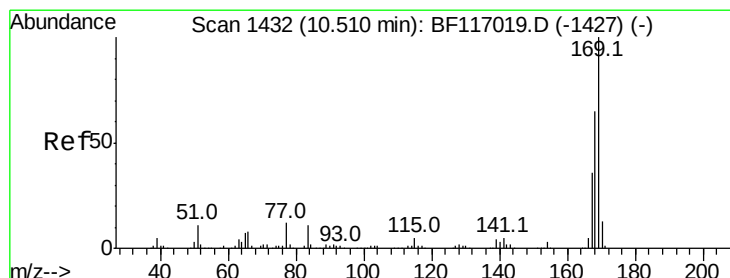
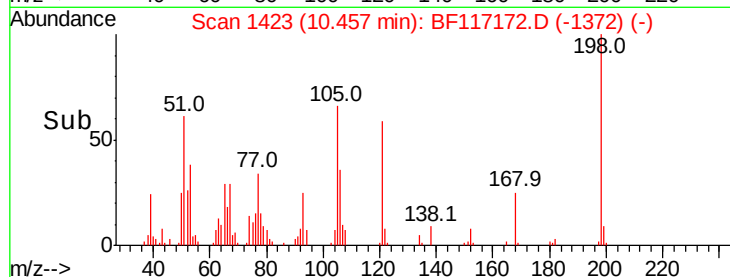
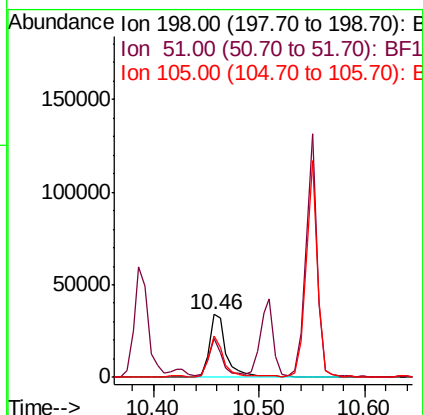
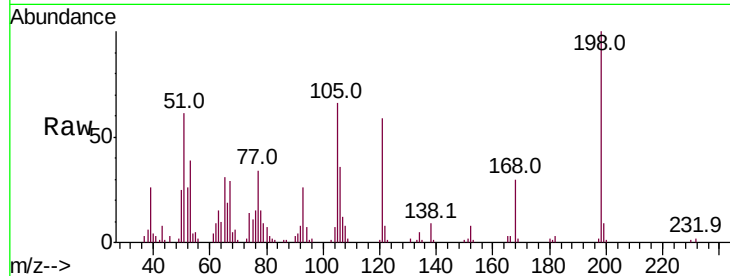




#65
4,6-Dinitro-2-methylphenol
Concen: 38.742 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

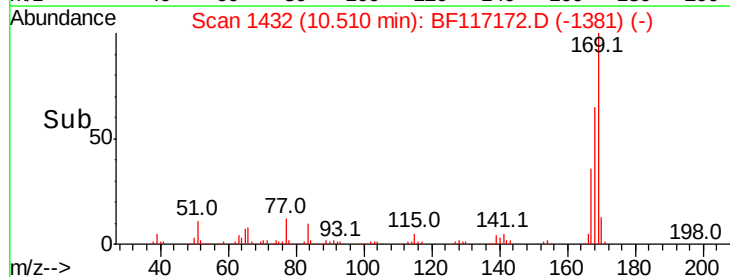
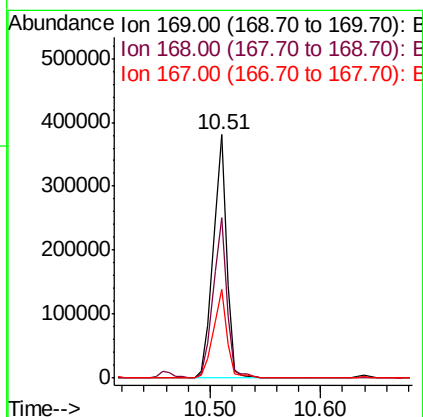
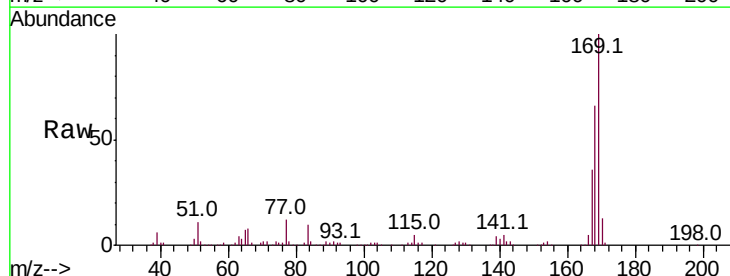
Instrument :
BNA_F
ClientSampleId :

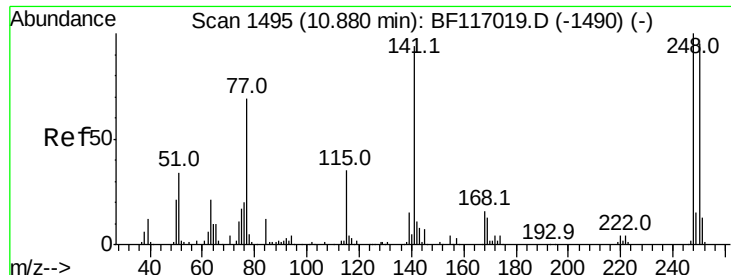
Tot Ion:198 Resp: 39531
Ion Ratio Lower Upper
198 100
51 60.9 18.7 58.7#
105 65.9 30.2 70.2



#66
n-Nitrosodiphenylamine
Concen: 39.456 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:169 Resp: 317908
Ion Ratio Lower Upper
169 100
168 65.7 52.2 78.2
167 36.4 28.8 43.2

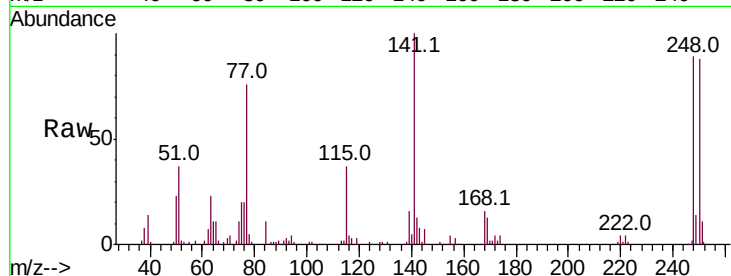




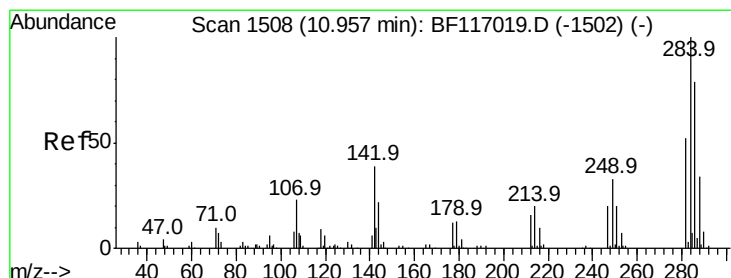
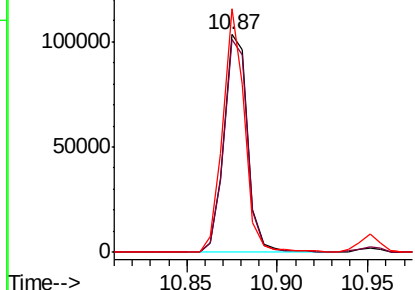
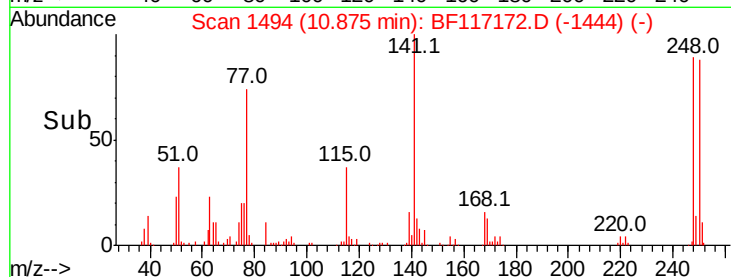
#67
 4-Bromophenyl-phenylether
 Concen: 39.766 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 94746
 Ion Ratio Lower Upper
 248 100
 250 97.9 76.2 114.4
 141 111.8 75.0 112.4

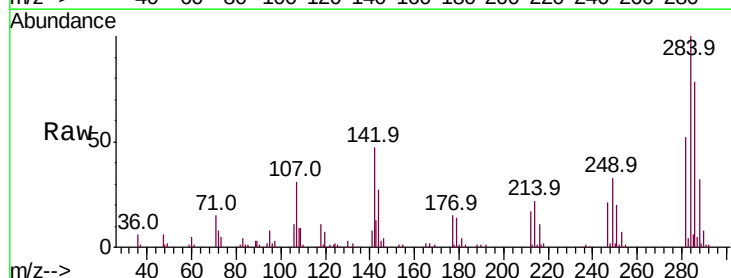


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

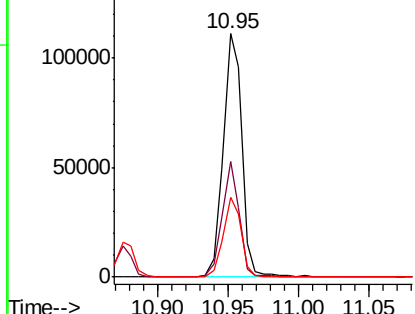
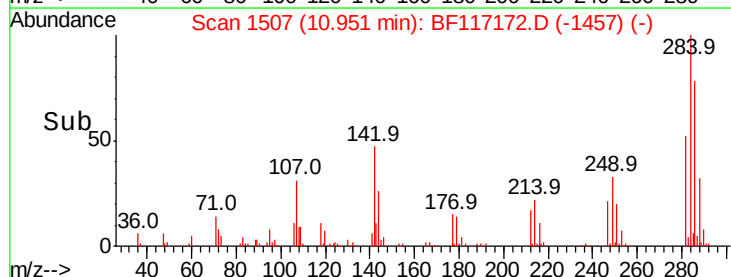


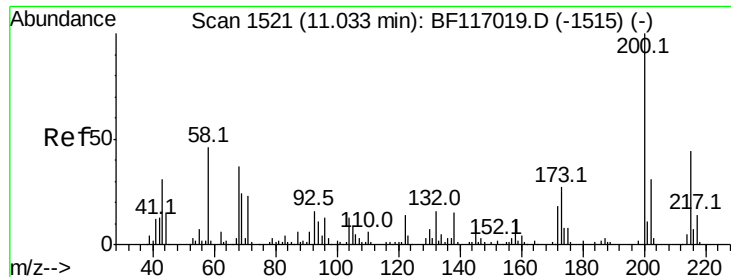
#68
 Hexachlorobenzene
 Concen: 39.074 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Tgt Ion:284 Resp: 101826
 Ion Ratio Lower Upper
 284 100
 142 47.4 31.4 47.2#
 249 32.8 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



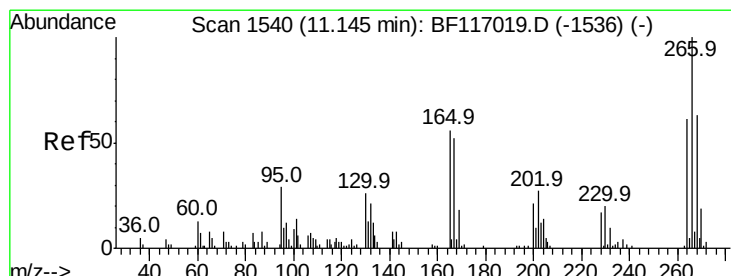
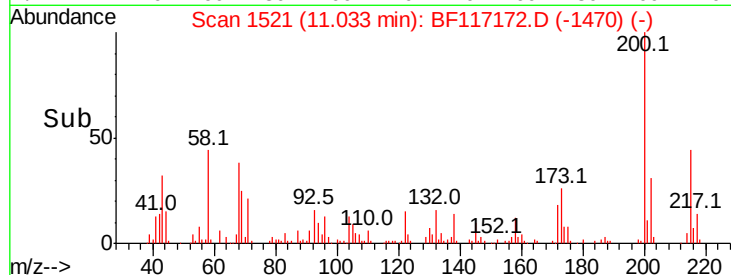
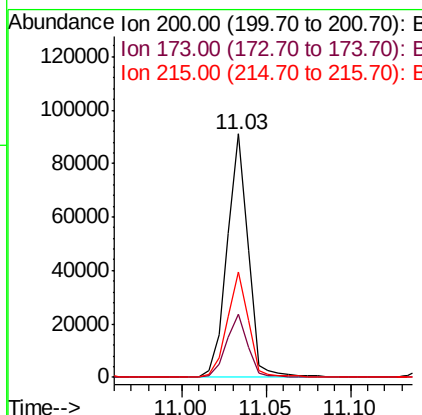
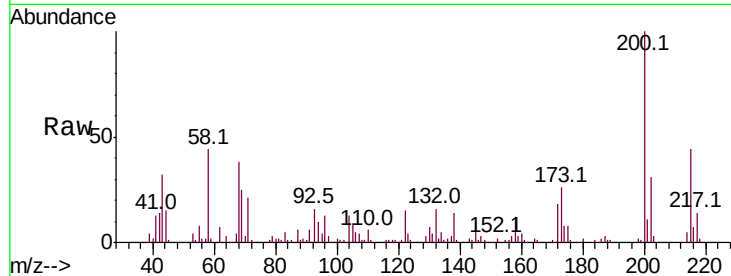


#69
Atrazine
Concen: 37.384 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 78449

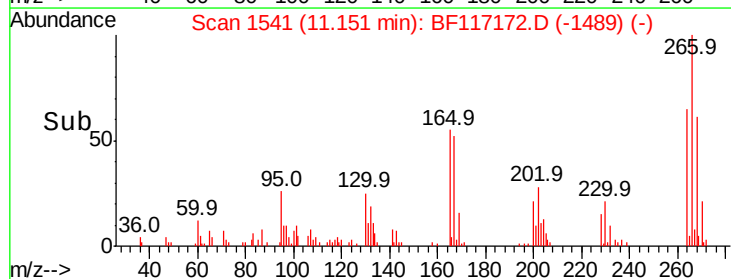
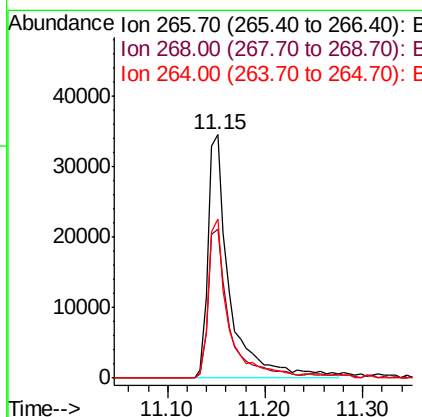
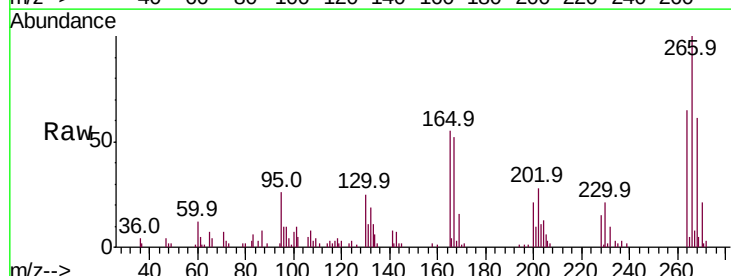
Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.9	46.9
215	43.5	23.8	63.8

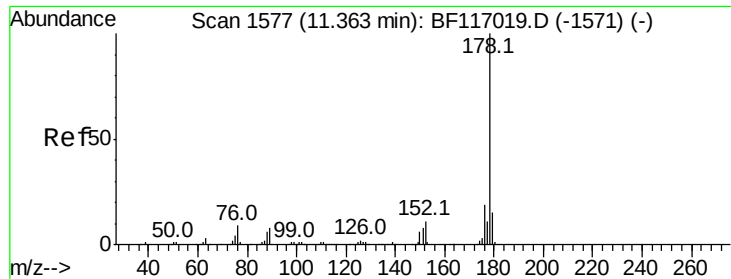


#70
Pentachlorophenol
Concen: 43.646 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:266 Resp: 53315

Ion	Ratio	Lower	Upper
266	100		
268	61.2	50.5	75.7
264	65.2	48.8	73.2





#71

Phenanthrene

Concen: 39.084 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampleId :

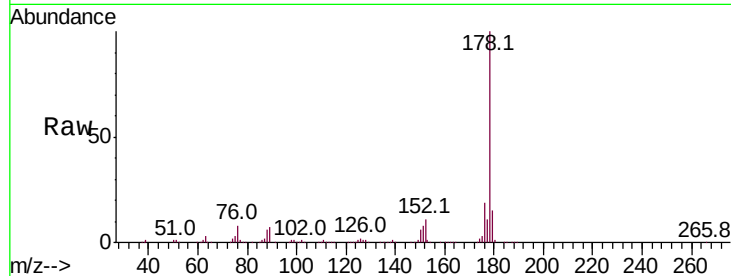
Tot Ion:178 Resp: 517923

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

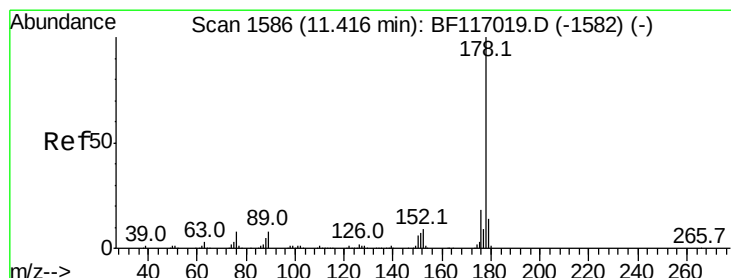
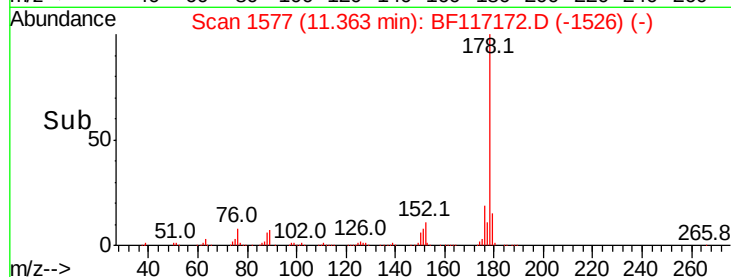
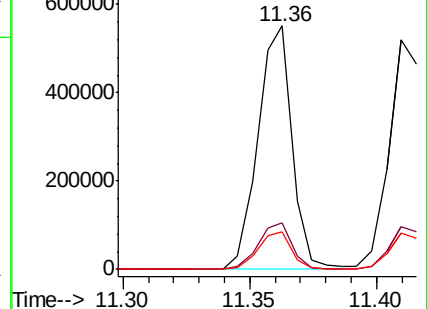
179 15.2 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.733 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

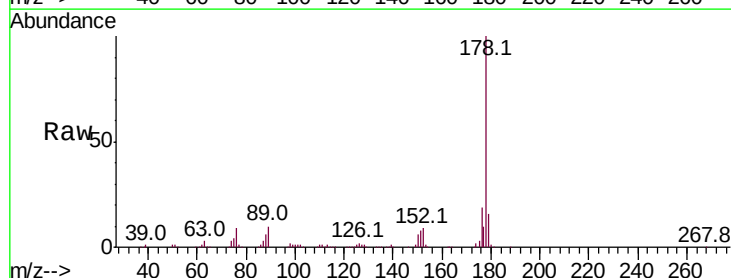
Tgt Ion:178 Resp: 510486

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

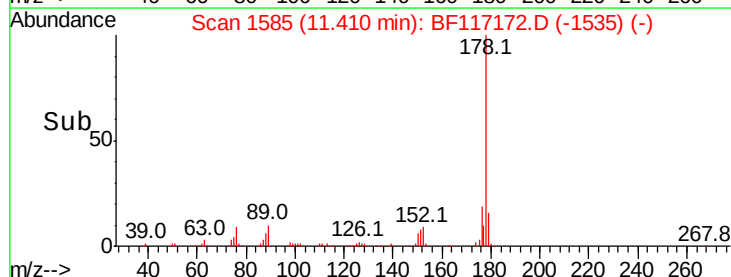
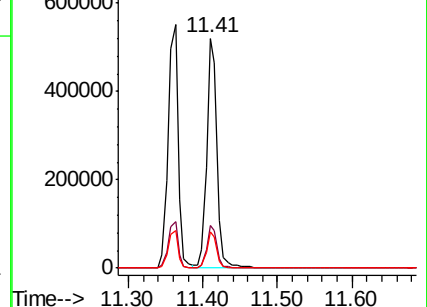
179 15.9 11.6 17.4

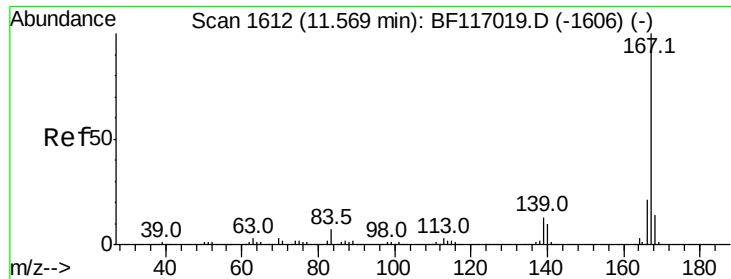


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

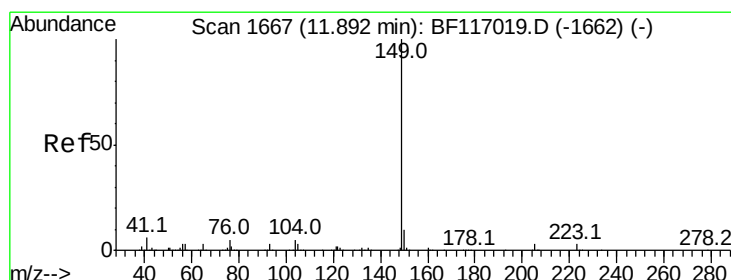
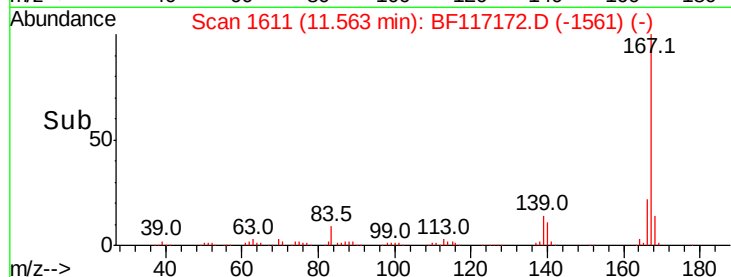
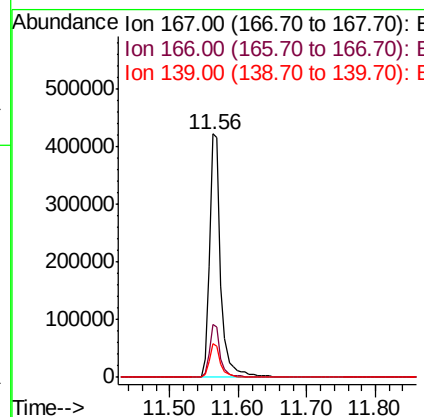
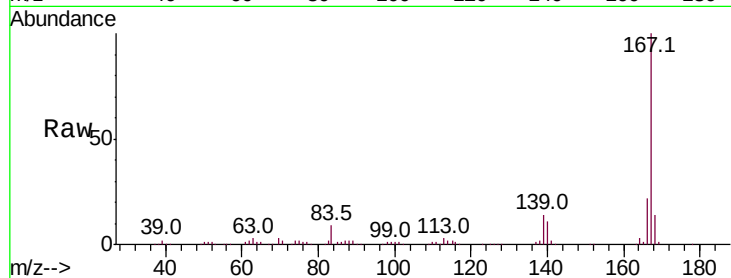




#73
 Carbazole
 Concen: 38.465 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

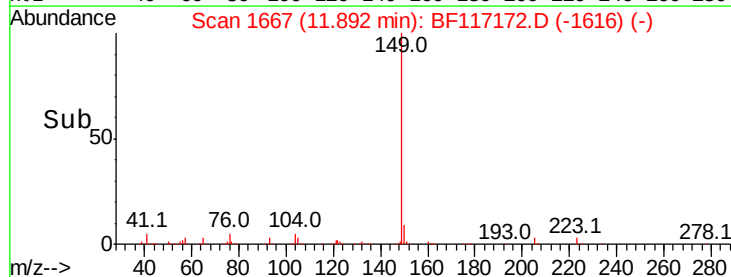
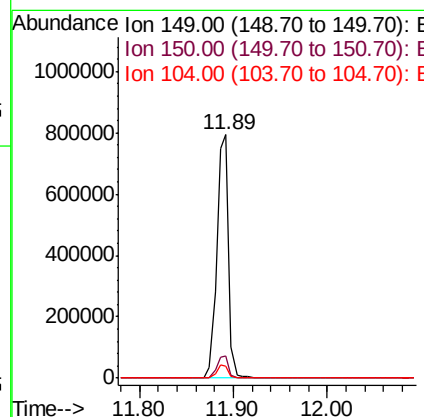
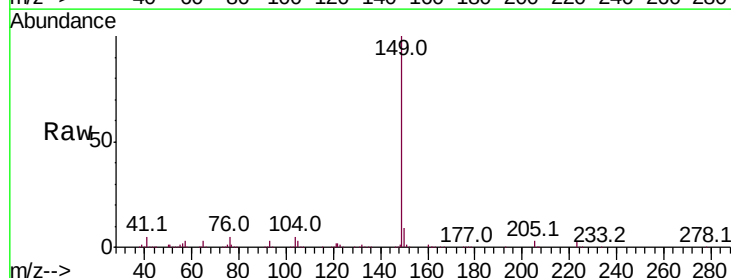
Instrument :
 BNA_F
 ClientSampleId :

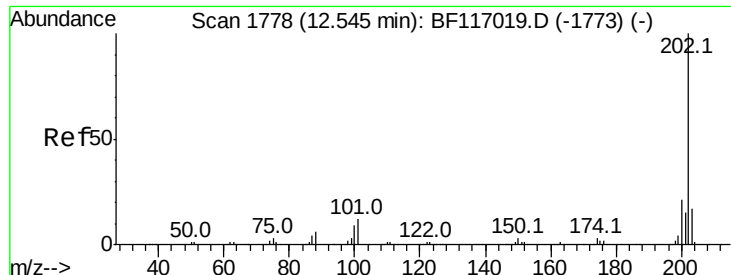
Tot Ion:167 Resp: 493954
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.278 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Tgt Ion:149 Resp: 707062
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.0 4.2 6.4

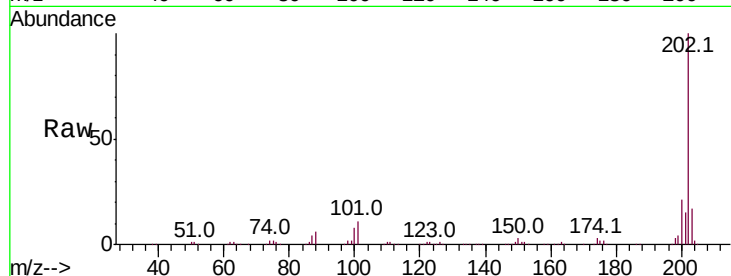




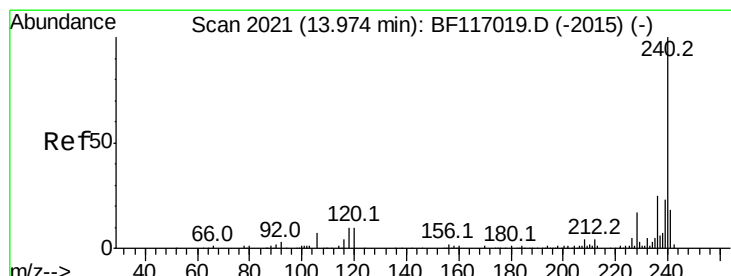
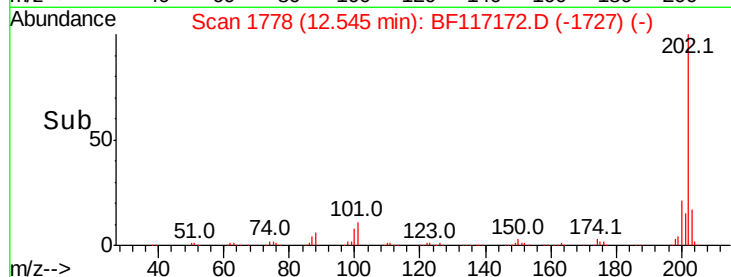
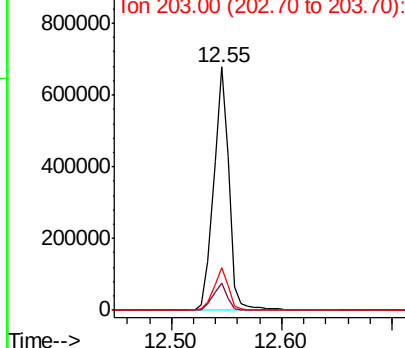
#75
 Fluoranthene
 Concen: 46.794 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 637147
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 32.3
 203 17.3 0.0 37.1

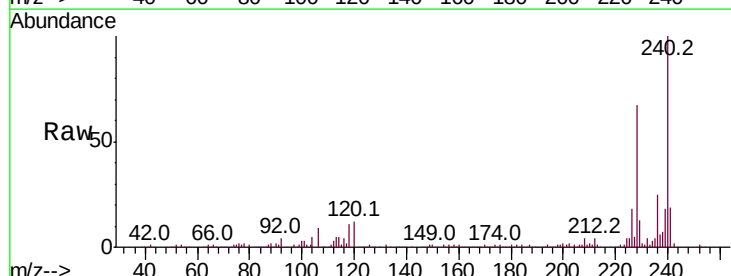


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

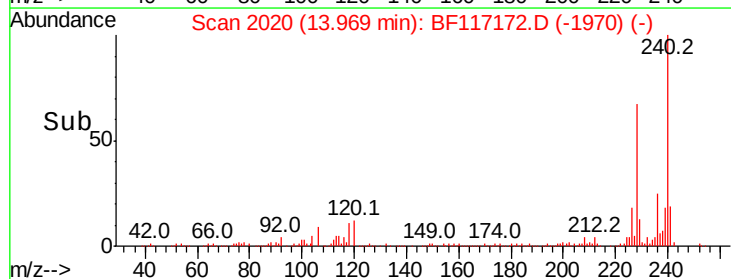
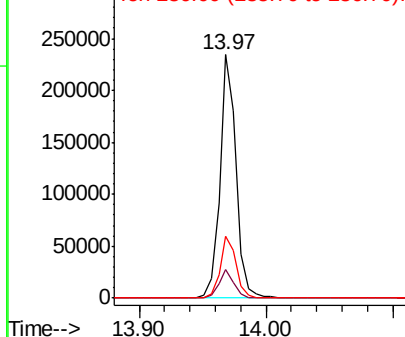


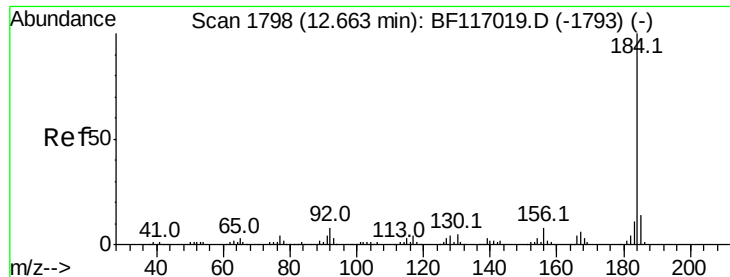
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Tgt Ion:240 Resp: 207872
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.3 12.5
 236 25.4 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.824 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampleId :

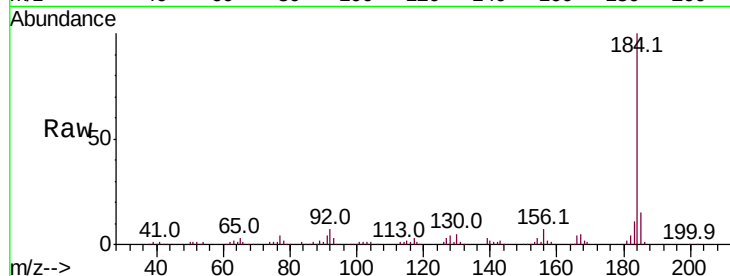
Tot Ion:184 Resp: 219794

Ion Ratio Lower Upper

184 100

185 15.0 11.6 17.4

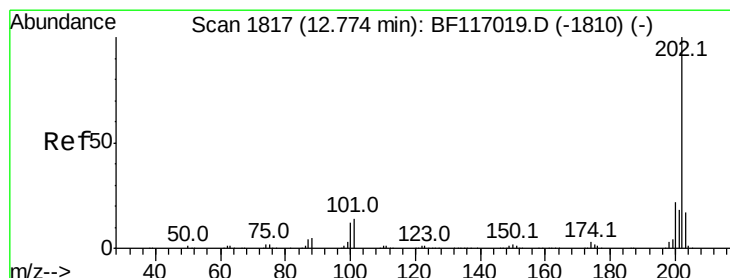
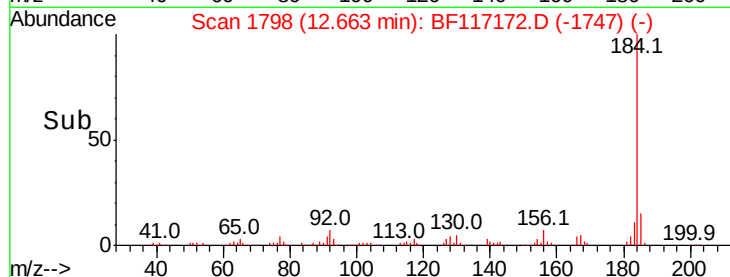
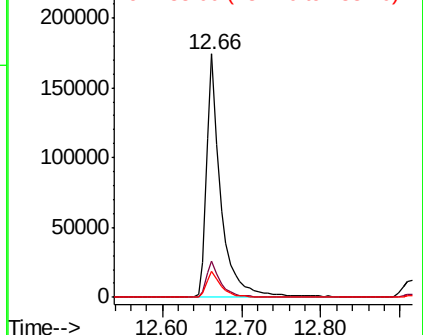
183 10.9 9.0 13.4



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: 36.605 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

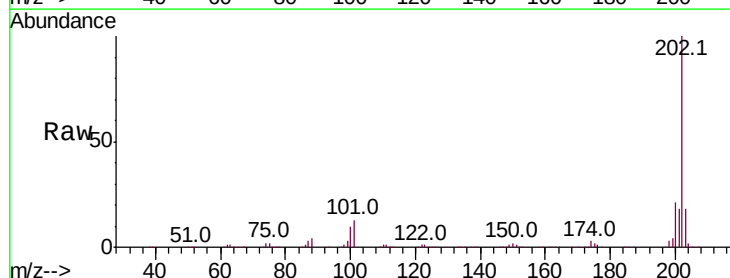
Tgt Ion:202 Resp: 638467

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

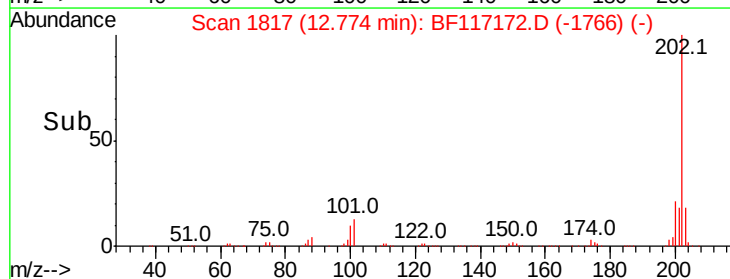
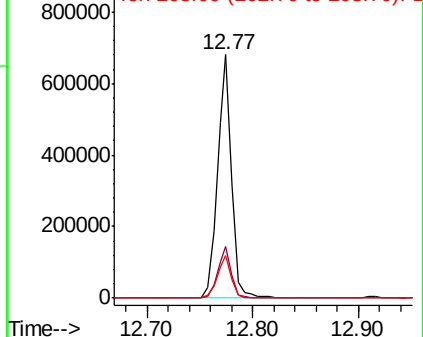
203 17.6 14.0 21.0

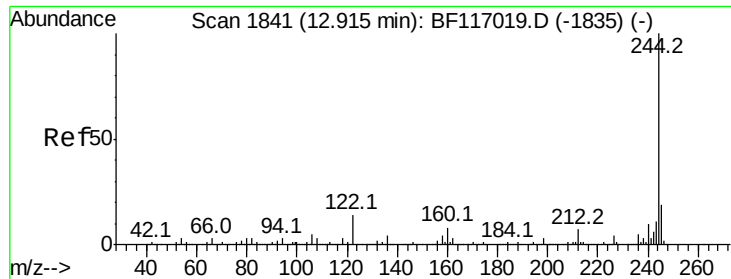


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

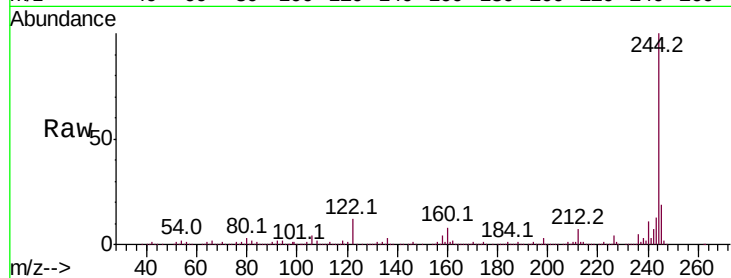




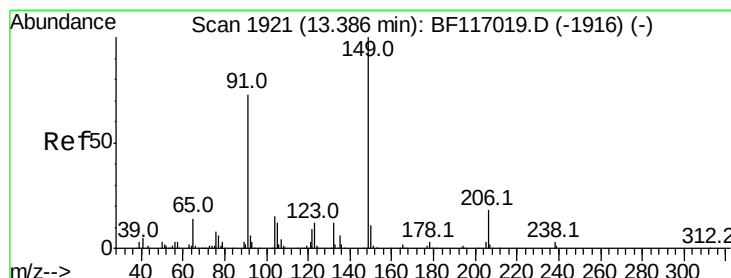
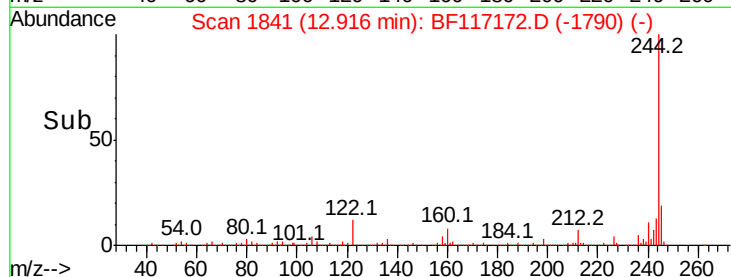
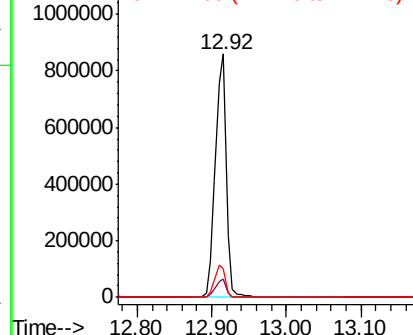
#79
 Terphenyl-d14
 Concen: 78.375 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 871596
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.8 11.3 16.9

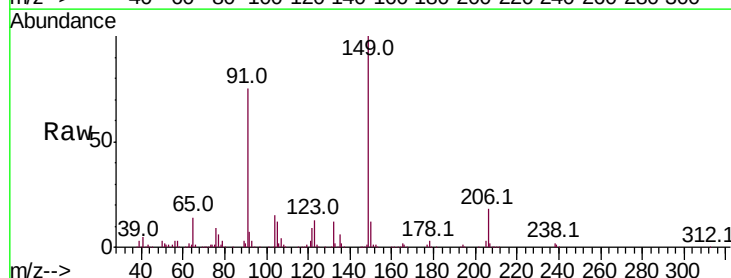


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

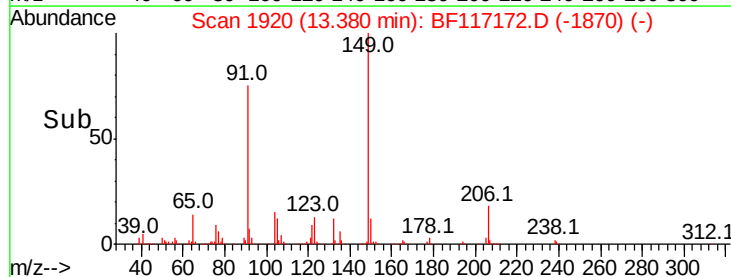
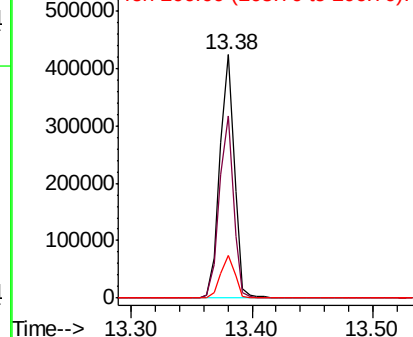


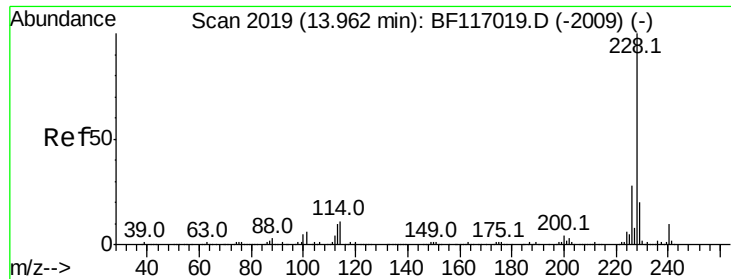
#80
 Butylbenzylphthalate
 Concen: 42.324 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Tgt Ion:149 Resp: 348818
 Ion Ratio Lower Upper
 149 100
 91 74.6 58.8 88.2
 206 17.8 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.502 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampleId :

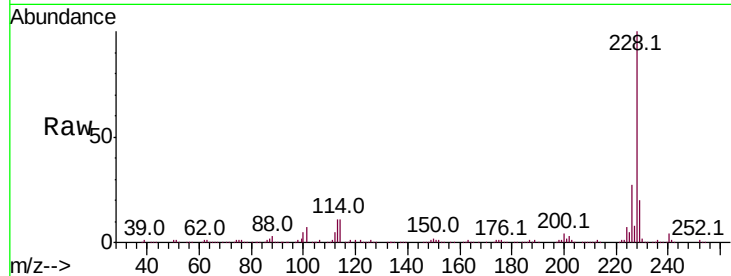
Tot Ion:228 Resp: 520836

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

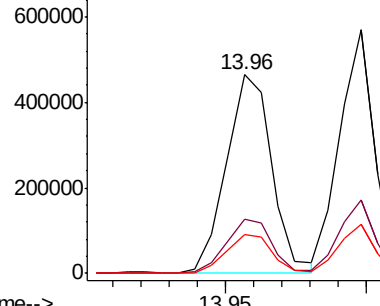
229 19.9 15.9 23.9



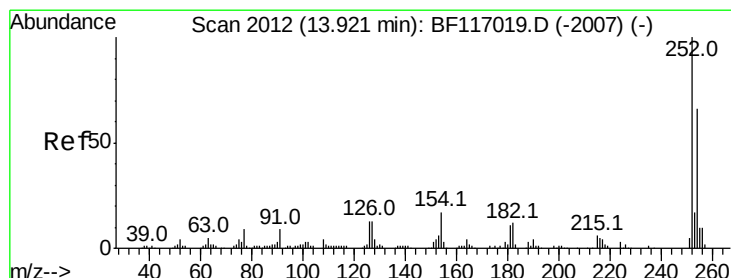
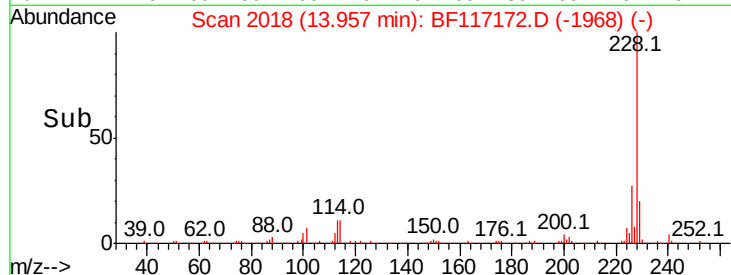
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 37.970 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

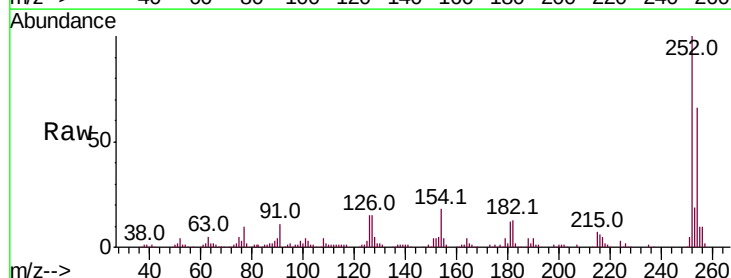
Tgt Ion:252 Resp: 169929

Ion Ratio Lower Upper

252 100

254 65.6 52.6 79.0

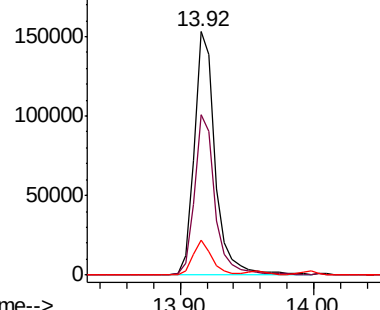
126 14.5 10.4 15.6



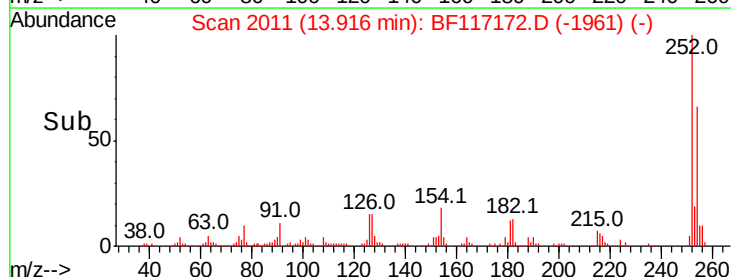
Abundance Ion 252.00 (251.70 to 252.70): E

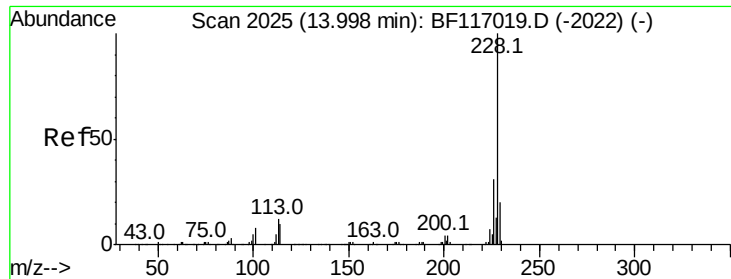
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->

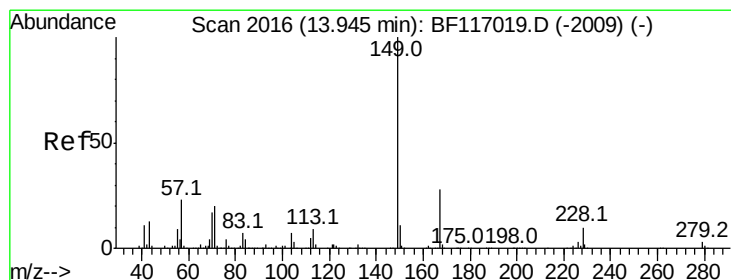
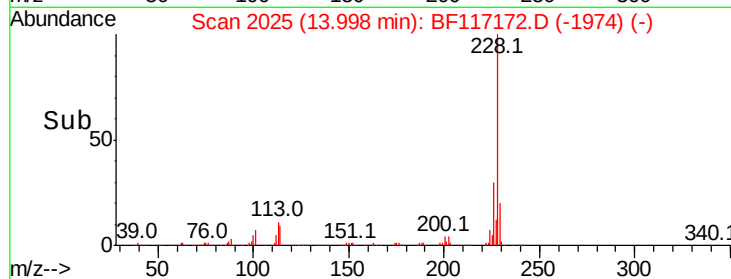
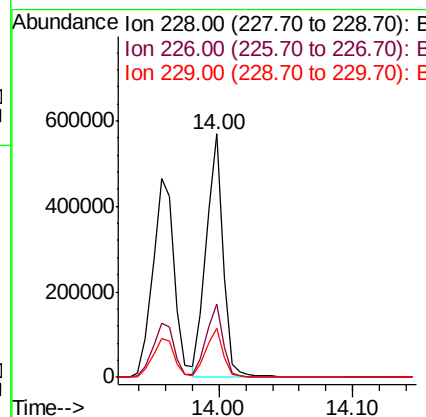
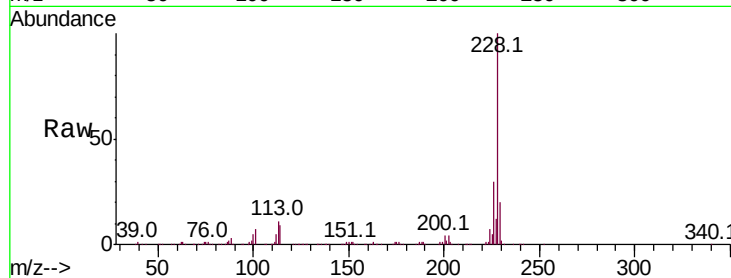




#83
 Chrysene
 Concen: 36.800 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

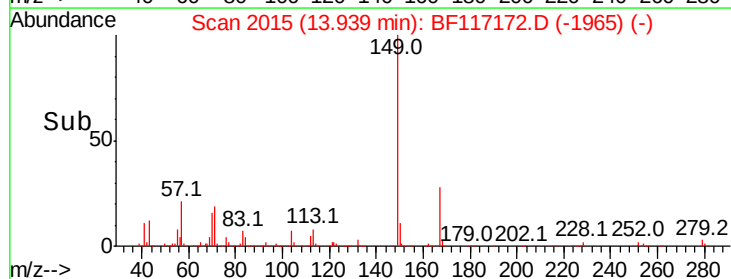
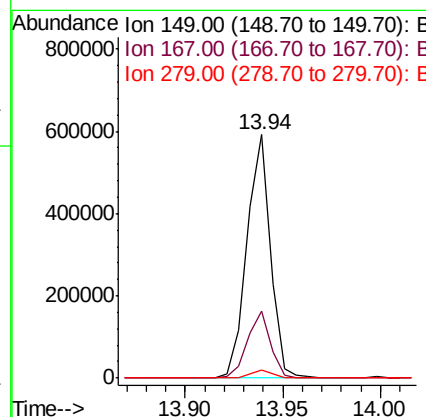
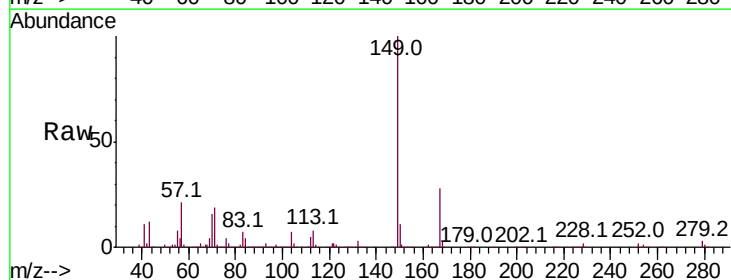
Instrument :
 BNA_F
 ClientSampleId :

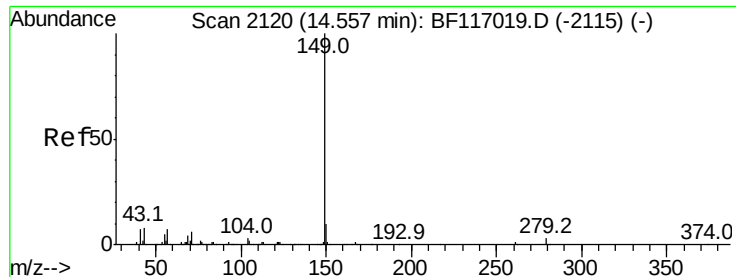
Tot Ion:228 Resp: 498471
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.8 37.2
 229 19.9 15.8 23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.650 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF117172.D
 Acq: 19 Sep 2019 13:54

Tgt Ion:149 Resp: 495719
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.2 33.2
 279 3.5 2.8 4.2

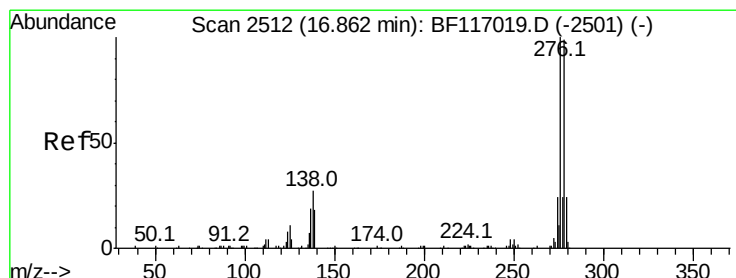
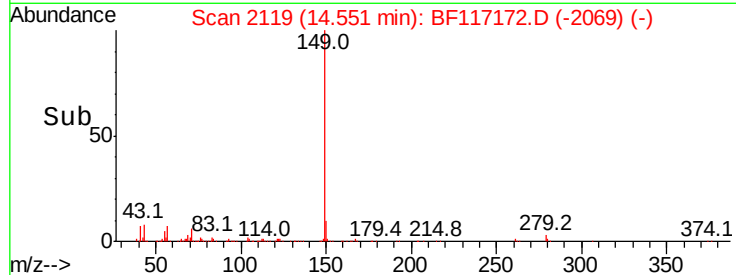
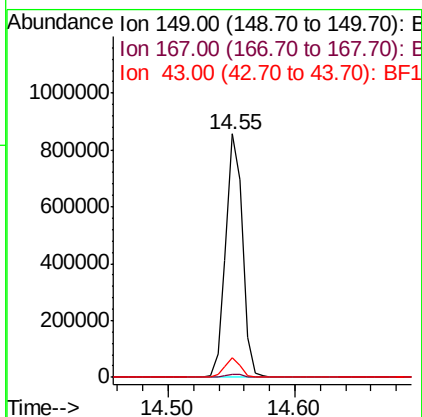
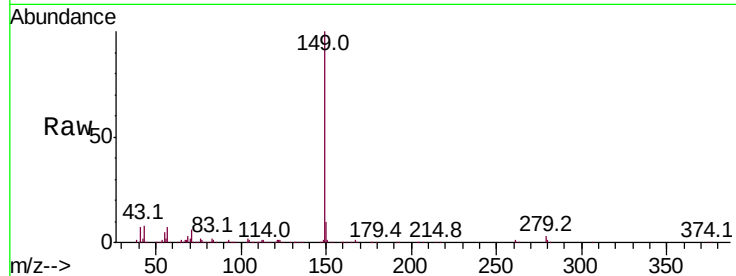




#85
Di-n-octyl phthalate
Concen: 46.998 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

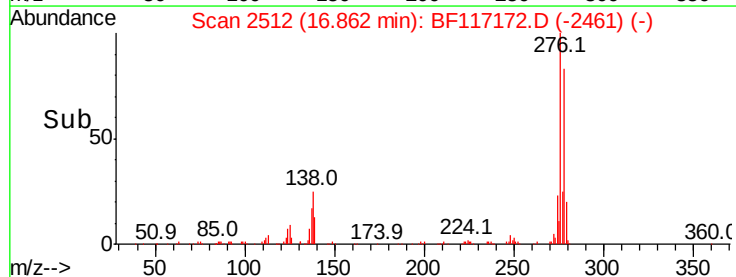
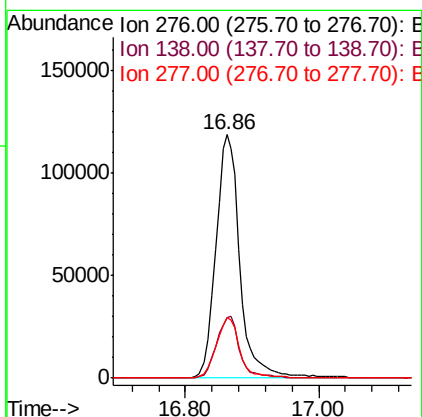
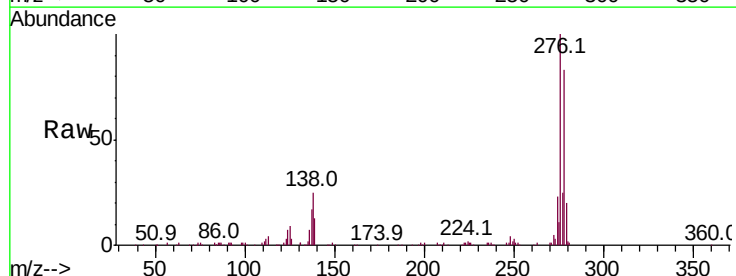
Instrument :
BNA_F
ClientSampled :

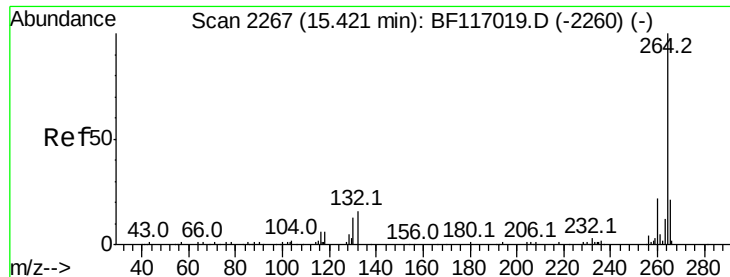
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	7.7	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 30.446 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.7	31.1
277	24.2	19.8	29.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

Instrument :

BNA_F

ClientSampleId :

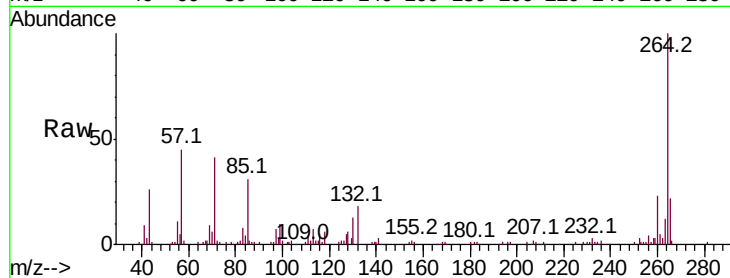
Tot Ion:264 Resp: 160175

Ion Ratio Lower Upper

264 100

260 23.1 17.6 26.4

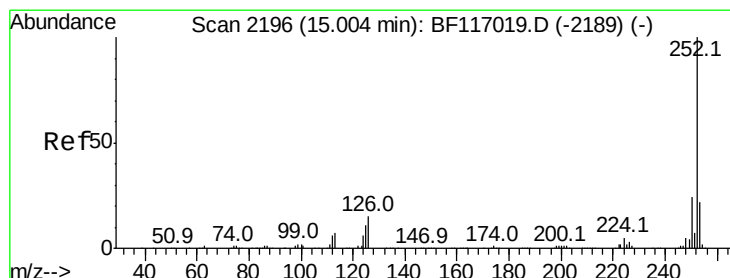
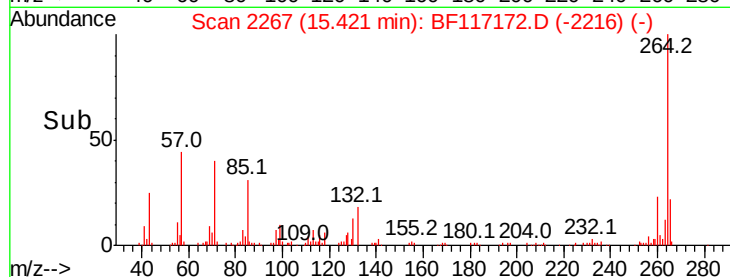
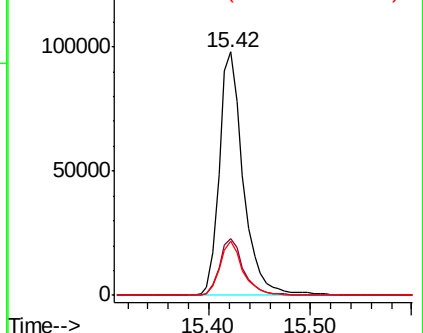
265 22.1 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.870 ng

RT: 15.00 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BF117172.D

Acq: 19 Sep 2019 13:54

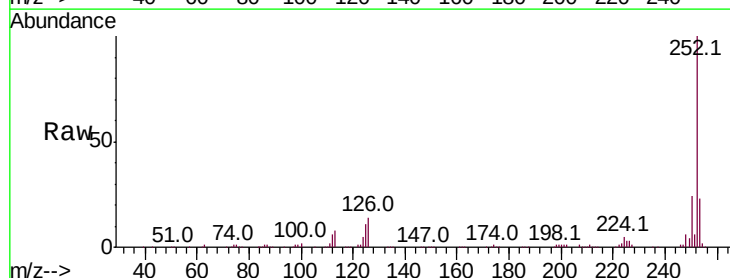
Tgt Ion:252 Resp: 377136

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

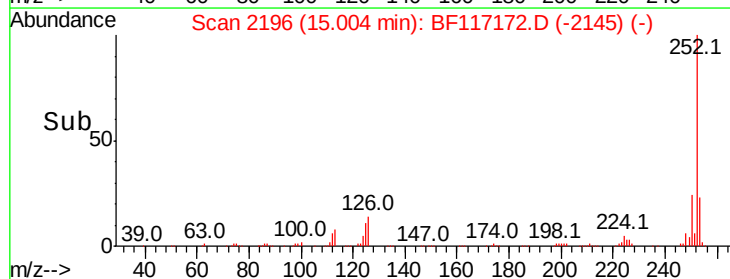
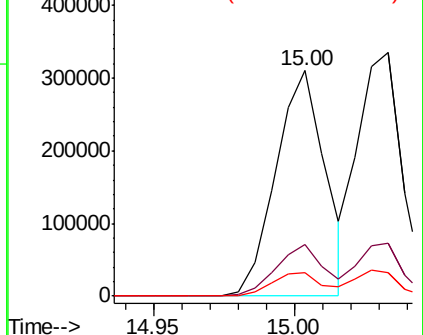
125 10.5 8.6 12.8

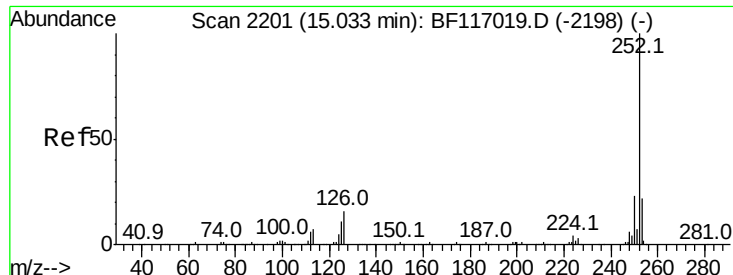


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

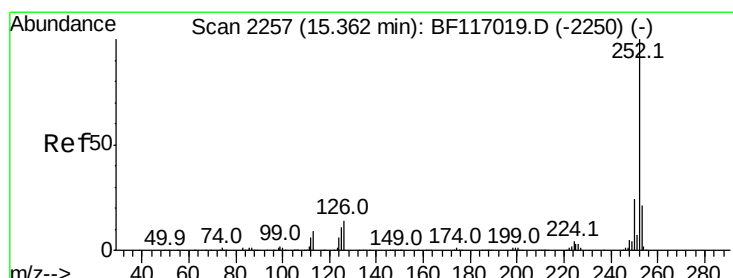
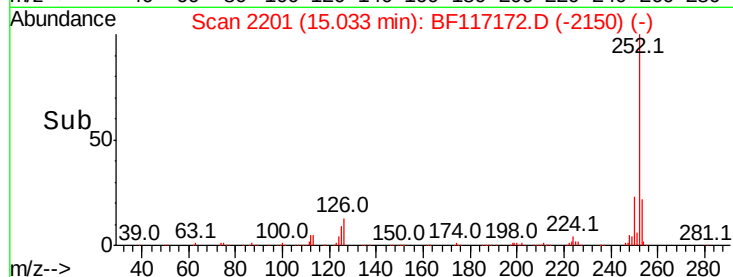
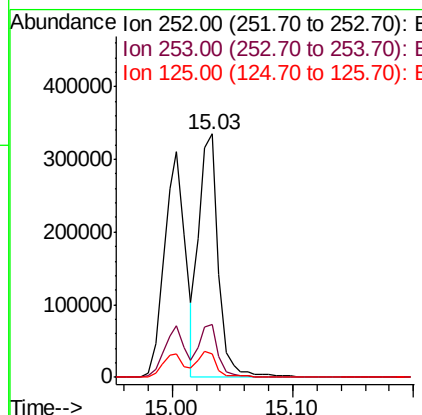
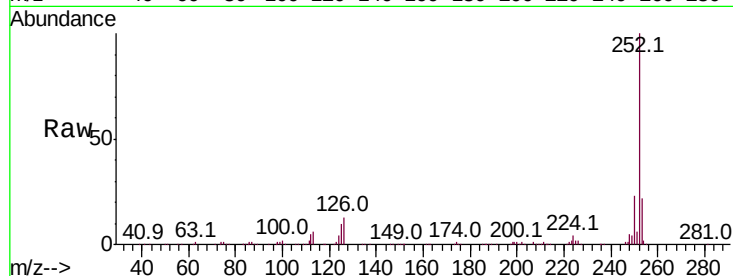




#89
Benzo(k)fluoranthene
Concen: 41.043 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

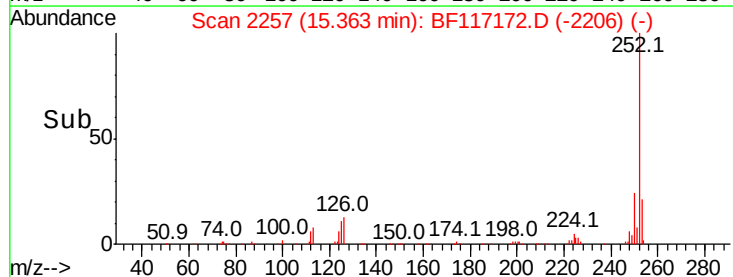
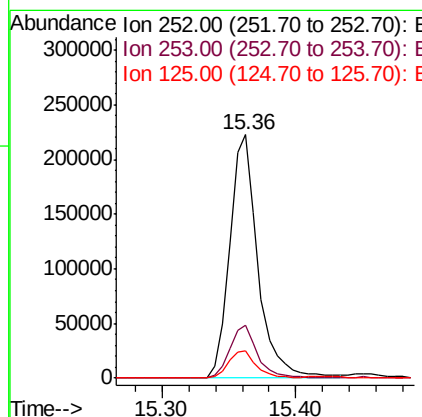
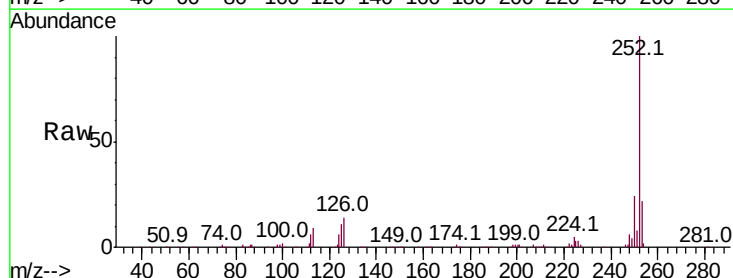
Instrument :
BNA_F
ClientSampleId :

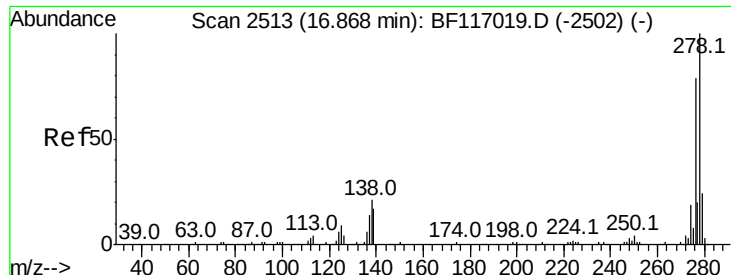
Tot Ion:252 Resp: 377215
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.7 8.8 13.2



#90
Benzo(a)pyrene
Concen: 38.679 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:252 Resp: 329316
Ion Ratio Lower Upper
252 100
253 21.6 16.6 25.0
125 11.1 8.9 13.3

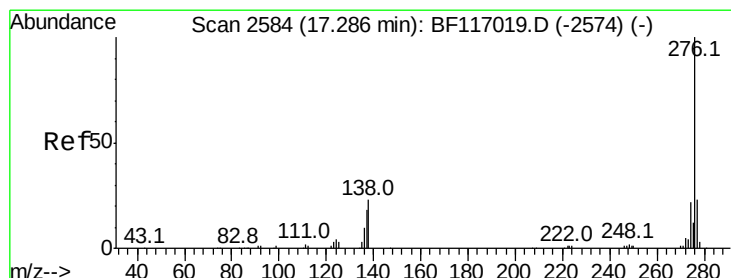
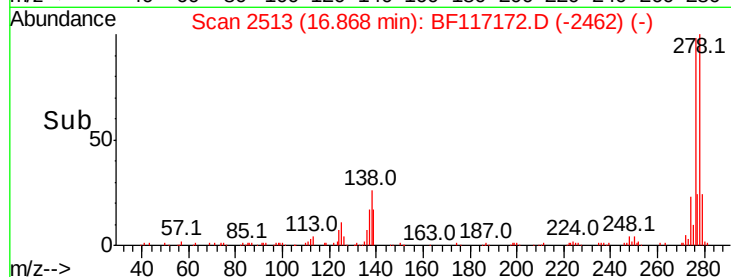
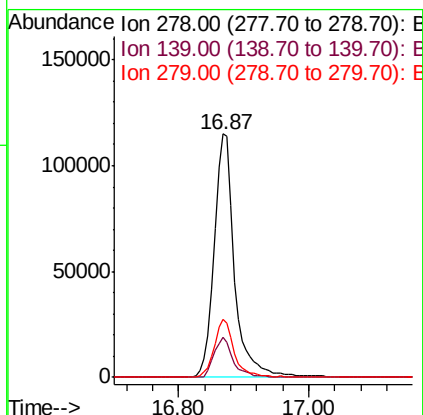
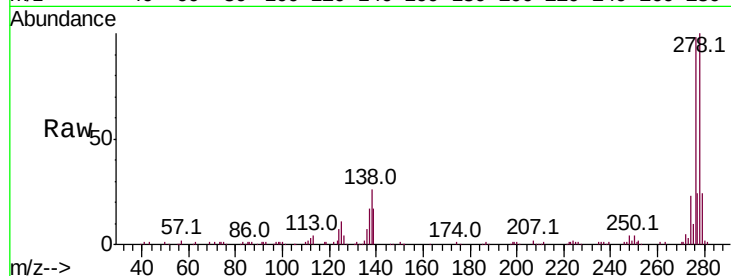




#91
Dibenzo(a,h)anthracene
Concen: 36.985 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 250849
Ion Ratio Lower Upper
278 100
139 16.5 13.5 20.3
279 24.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 34.612 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF117172.D
Acq: 19 Sep 2019 13:54

Tgt Ion:276 Resp: 233936
Ion Ratio Lower Upper
276 100
277 24.0 18.6 27.8
138 20.6 18.0 27.0

