

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117136.D
 Acq On : 18 Sep 2019 9:45
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 13:26:52 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	76210	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	324552	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	165371	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	269898	20.00	ng	0.00
76) Chrysene-d12	13.97	240	177796	20.00	ng	0.00
87) Perylene-d12	15.42	264	140709	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	368032	75.40	ng	0.00
7) Phenol-d6	6.46	99	487247	77.24	ng	0.00
23) Nitrobenzene-d5	7.39	82	473808	76.71	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	105306	76.19	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	821364	77.66	ng	0.00
79) Terphenyl-d14	12.92	244	772444	81.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	76382	37.395	ng	97
3) Pyridine	3.32	79	206484	36.933	ng	97
4) n-Nitrosodimethylamine	3.26	42	69065	35.997	ng	94
6) Aniline	6.49	93	312977	38.534	ng	94
8) 2-Chlorophenol	6.61	128	203364	38.618	ng	97
9) Benzaldehyde	6.37	77	132658	42.730	ng	98
10) Phenol	6.48	94	266168	38.273	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	193002	37.760	ng	99
12) 1,3-Dichlorobenzene	6.77	146	227708	38.535	ng	95
13) 1,4-Dichlorobenzene	6.84	146	232347	38.529	ng	99
14) 1,2-Dichlorobenzene	7.00	146	217050	38.658	ng	99
15) Benzyl Alcohol	6.97	79	189434	39.158	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	193307	38.280	ng	92
17) 2-Methylphenol	7.09	107	172499	39.085	ng	96
18) Hexachloroethane	7.33	117	89294	38.490	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	152429	39.681	ng	96
20) 3+4-Methylphenols	7.23	107	216500	39.383	ng	# 89
22) Acetophenone	7.23	105	312678	37.919	ng	99
24) Nitrobenzene	7.41	77	232614	38.134	ng	92
25) Isophorone	7.65	82	406433	37.162	ng	99
26) 2-Nitrophenol	7.72	139	106132	40.506	ng	94
27) 2,4-Dimethylphenol	7.76	122	158908	38.245	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	252652	37.495	ng	99
29) 2,4-Dichlorophenol	7.97	162	166819	38.316	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	175795	37.374	ng	99
31) Naphthalene	8.13	128	588924	37.730	ng	99
32) Benzoic acid	7.89	122	100374	34.192	ng	97
33) 4-Chloroaniline	8.17	127	265079	38.289	ng	99
34) Hexachlorobutadiene	8.25	225	101351	37.979	ng	98
35) Caprolactam	8.55	113	54225	36.797	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	194021	38.219	ng	97
37) 2-Methylnaphthalene	8.82	142	397037	37.774	ng	100
38) 1-Methylnaphthalene	8.92	142	375199	38.113	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	163292	38.239	ng	100

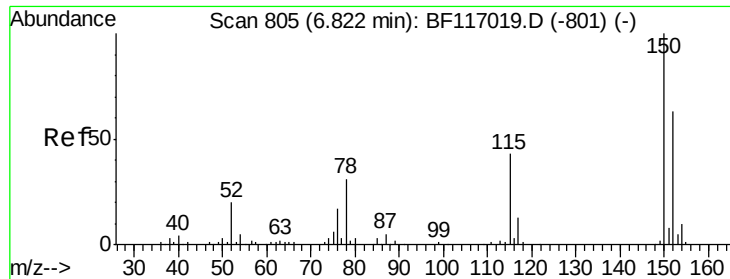
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117136.D
 Acq On : 18 Sep 2019 9:45
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 13:26:52 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	60075	36.552	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	110195	38.025	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	118227	38.184	ng	97
46) 1,1'-Biphenyl	9.27	154	491046	37.855	ng	99
47) 2-Chloronaphthalene	9.30	162	389500	38.047	ng	98
48) 2-Nitroaniline	9.40	65	129111	39.319	ng	95
49) Acenaphthylene	9.72	152	588883	38.398	ng	100
50) Dimethylphthalate	9.57	163	445543	38.051	ng	99
51) 2,6-Dinitrotoluene	9.64	165	94530	39.639	ng	93
52) Acenaphthene	9.89	154	344228	37.864	ng	98
53) 3-Nitroaniline	9.81	138	115444	38.368	ng	98
54) 2,4-Dinitrophenol	9.92	184	35738	39.896	ng	98
55) Dibenzofuran	10.06	168	508219	37.889	ng	97
56) 4-Nitrophenol	9.98	139	80090	41.070	ng	92
57) 2,4-Dinitrotoluene	10.05	165	126967	41.016	ng	99
58) Fluorene	10.40	166	416670	38.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	90588	38.233	ng	97
60) Diethylphthalate	10.27	149	442331	38.398	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	181904	38.911	ng	95
62) 4-Nitroaniline	10.42	138	117737	37.627	ng	97
63) Azobenzene	10.55	77	443441	37.690	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	47735	40.137	ng	95
66) n-Nitrosodiphenylamine	10.51	169	352763	37.845	ng	98
67) 4-Bromophenyl-phenylether	10.88	248	106537	38.652	ng	93
68) Hexachlorobenzene	10.95	284	114737	38.059	ng	93
69) Atrazine	11.03	200	90040	37.004	ng	99
70) Pentachlorophenol	11.15	266	46928	33.208	ng	97
71) Phenanthrene	11.36	178	572986	37.377	ng	100
72) Anthracene	11.41	178	595206	38.030	ng	99
73) Carbazole	11.57	167	553803	37.278	ng	100
74) Di-n-butylphthalate	11.89	149	679387	38.437	ng	99
75) Fluoranthene	12.55	202	576715	36.613	ng	98
77) Benzidine	12.66	184	221663	38.703	ng	98
78) Pyrene	12.77	202	579935	38.874	ng	99
80) Butylbenzylphthalate	13.38	149	280760	39.829	ng	98
81) Benzo(a)anthracene	13.96	228	449292	37.823	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	146502	38.272	ng	97
83) Chrysene	14.00	228	446430	38.533	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	370922	40.810	ng	100
85) Di-n-octyl phthalate	14.54	149	582788	40.739	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	282597	33.434	ng	98
88) Benzo(b)fluoranthene	15.00	252	339444	39.826	ng	98
89) Benzo(k)fluoranthene	15.02	252	316093	39.150	ng	99
90) Benzo(a)pyrene	15.35	252	288047	38.513	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	231044	38.777	ng	100
92) Benzo(g,h,i)perylene	17.29	276	221576	37.319	ng	98

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

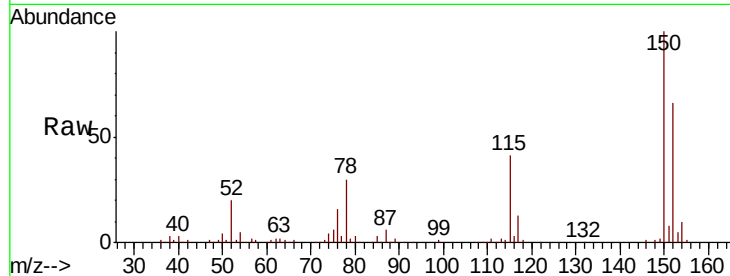


#1

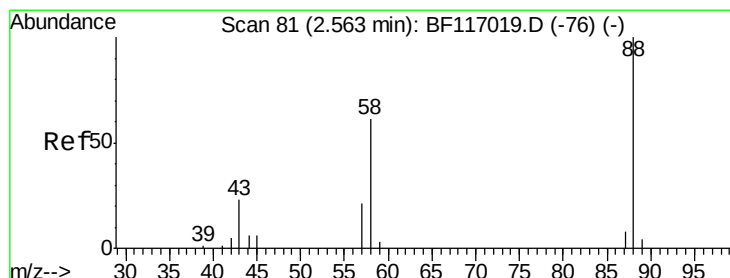
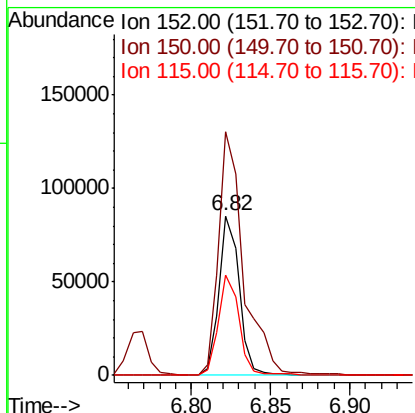
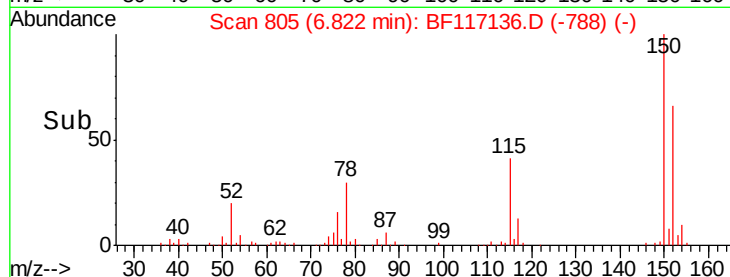
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76210
Ion Ratio Lower Upper
152 100
150 152.7 127.5 191.3
115 63.3 55.0 82.4



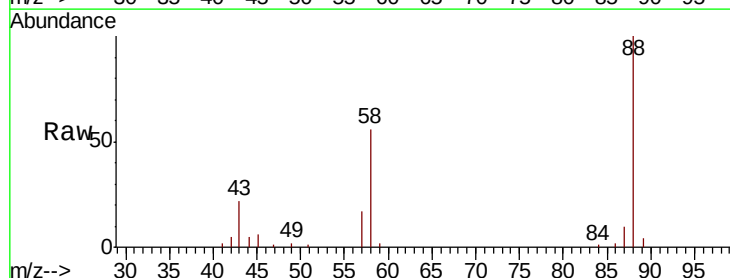
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



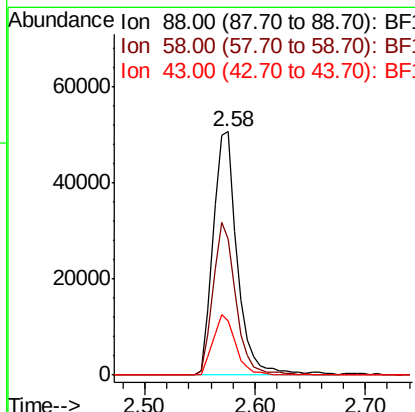
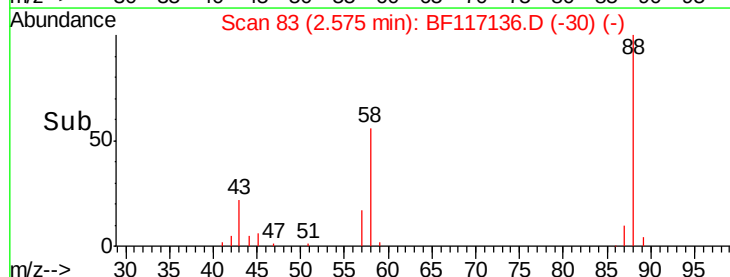
#2

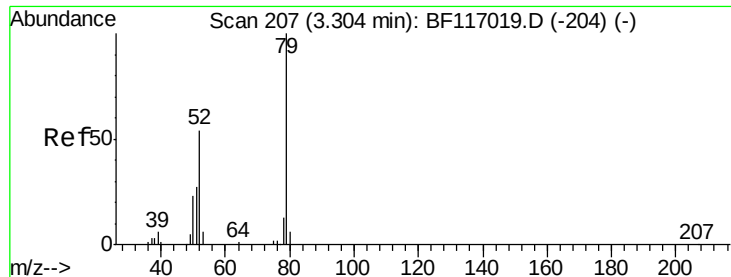
1,4-Dioxane
Concen: 37.395 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion: 88 Resp: 76382
Ion Ratio Lower Upper
88 100
58 58.7 49.3 73.9
43 23.1 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: 36.933 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

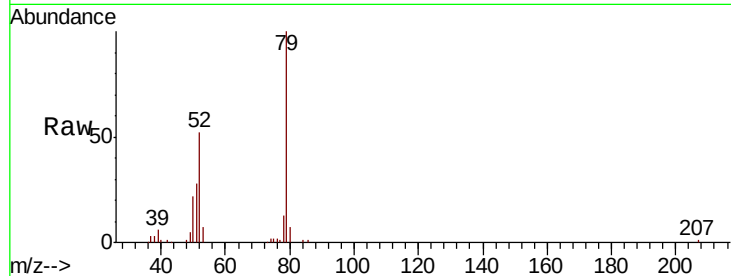
Tot Ion: 79 Resp: 206484

Ion Ratio Lower Upper

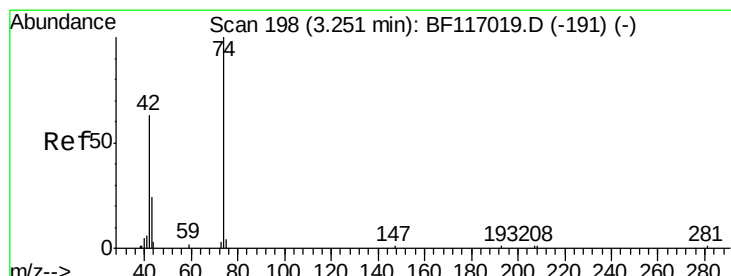
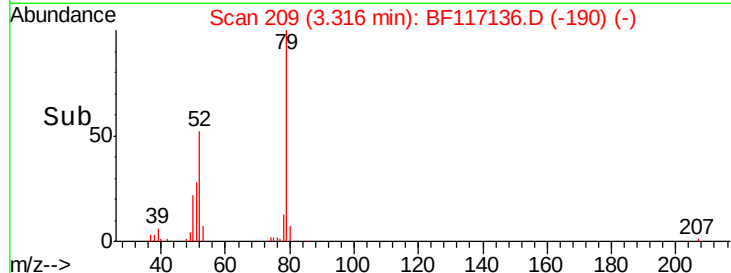
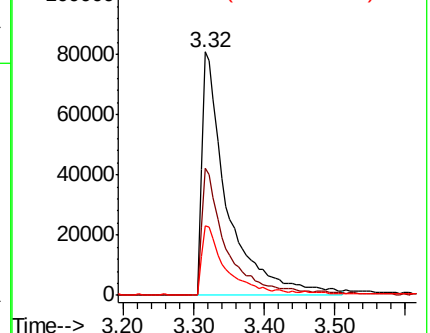
79 100

52 52.3 43.5 65.3

51 28.4 21.8 32.6



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



#4

n-Nitrosodimethylamine

Concen: 35.997 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

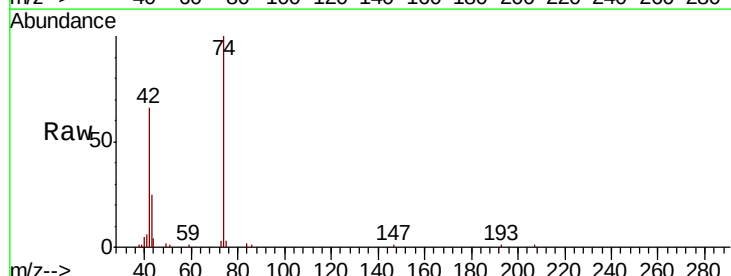
Tgt Ion: 42 Resp: 69065

Ion Ratio Lower Upper

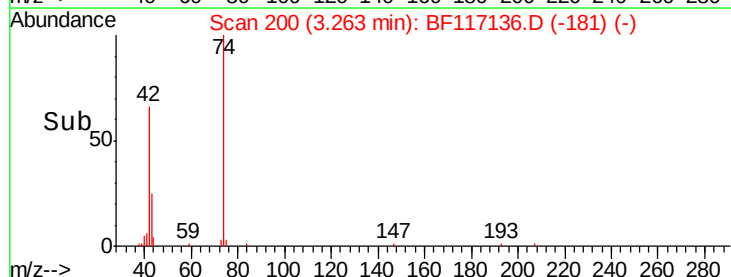
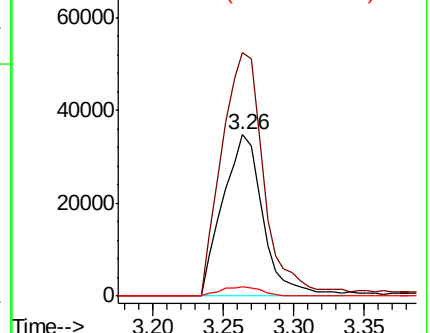
42 100

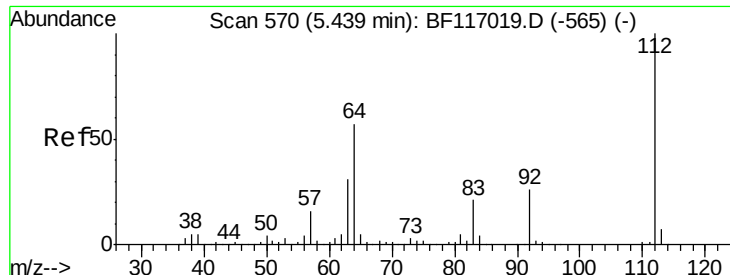
74 150.7 127.1 190.7

44 5.8 4.3 6.5



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.395 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117136.D

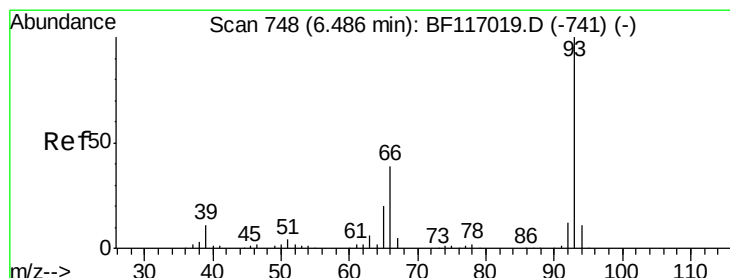
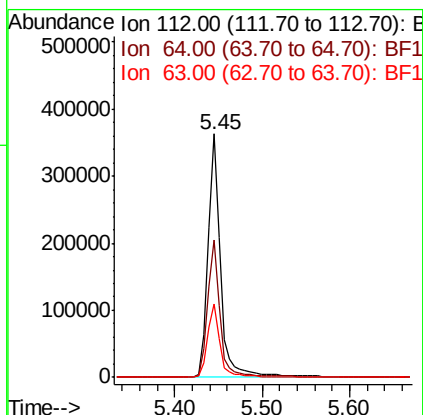
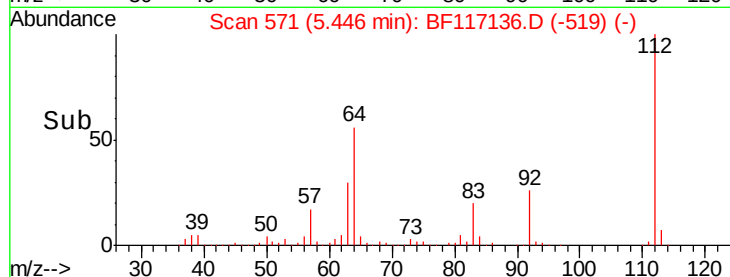
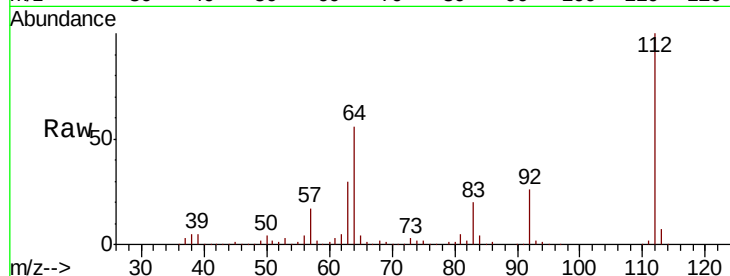
Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	368032
Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.7	68.5
63	30.4	24.9	37.3



#6

Aniline

Concen: 38.534 ng

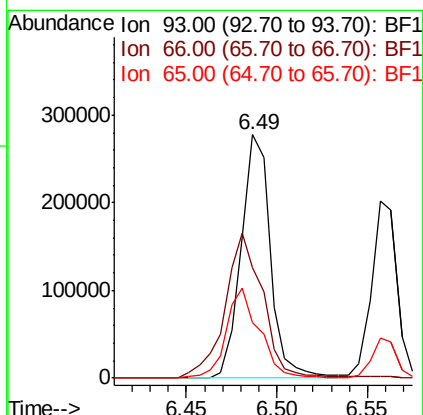
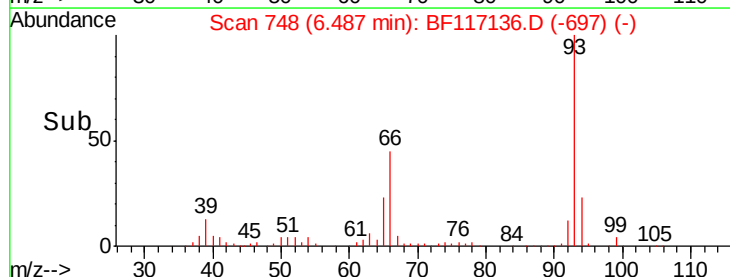
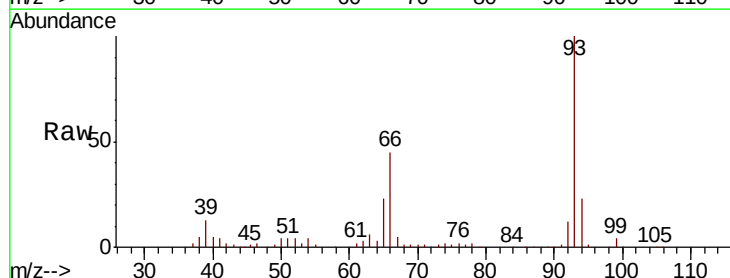
RT: 6.49 min Scan# 748

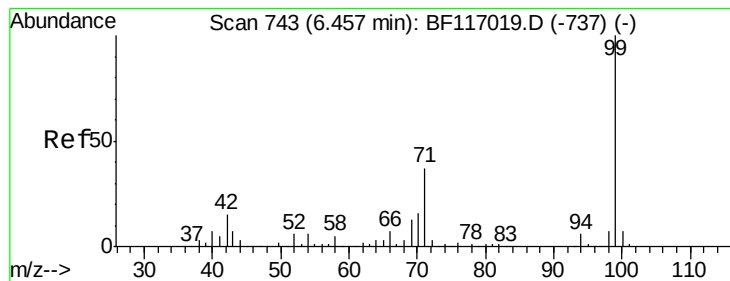
Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Tgt Ion:	93	Resp:	312977
Ion	Ratio	Lower	Upper
93	100		
66	45.4	32.6	49.0
65	23.0	16.7	25.1





#7

Phenol-d6

Concen: 77.237 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

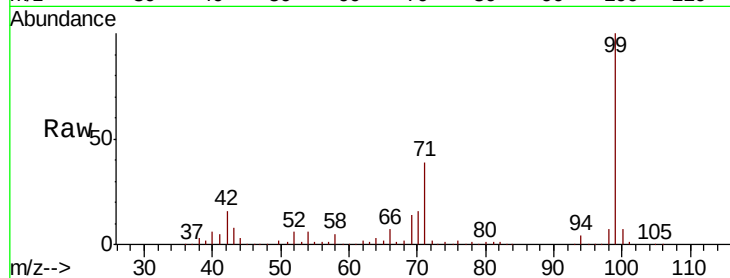
Tot Ion: 99 Resp: 487247

Ion Ratio Lower Upper

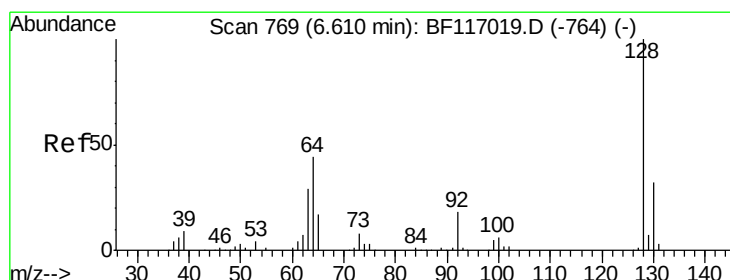
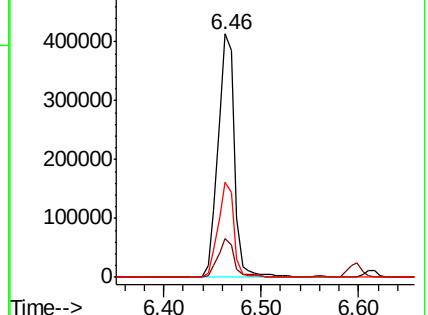
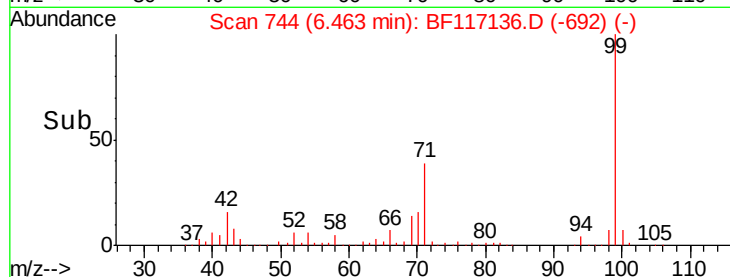
99 100

42 15.7 12.2 18.2

71 38.9 29.8 44.8



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



#8

2-Chlorophenol

Concen: 38.618 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

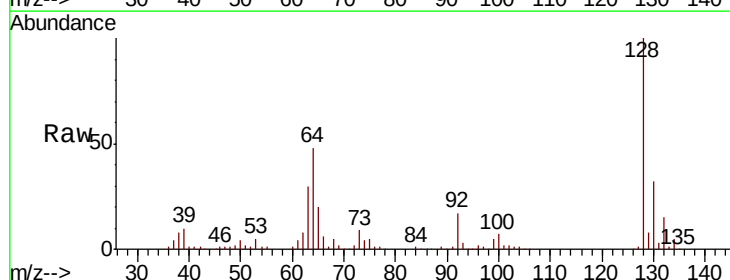
Tgt Ion: 128 Resp: 203364

Ion Ratio Lower Upper

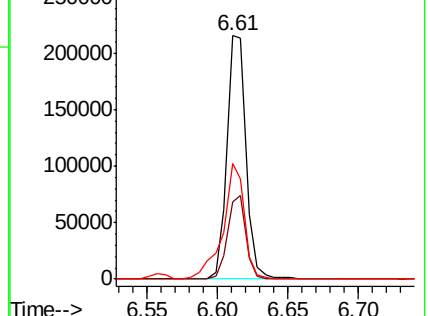
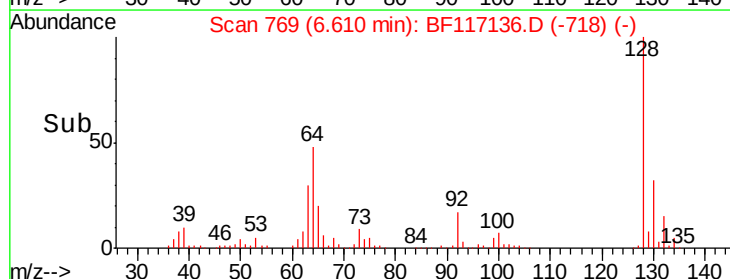
128 100

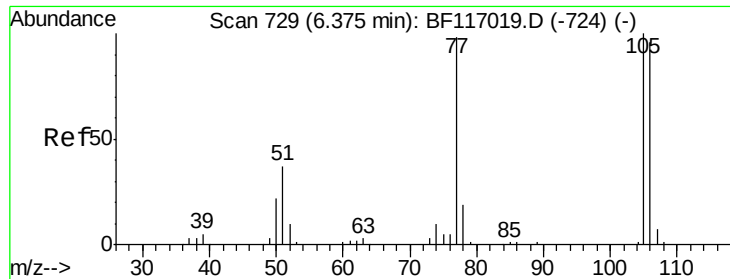
130 31.5 11.8 51.8

64 47.6 25.0 65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.730 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

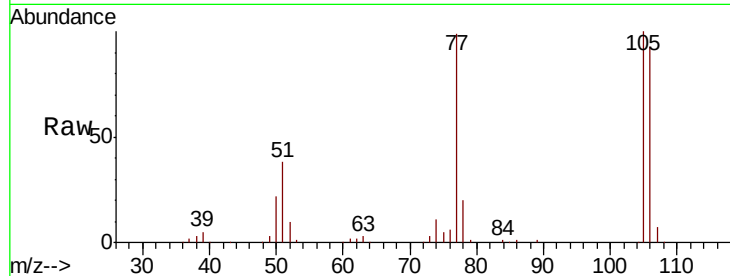
Tot Ion: 77 Resp: 132658

Ion Ratio Lower Upper

77 100

105 101.1 81.8 121.8

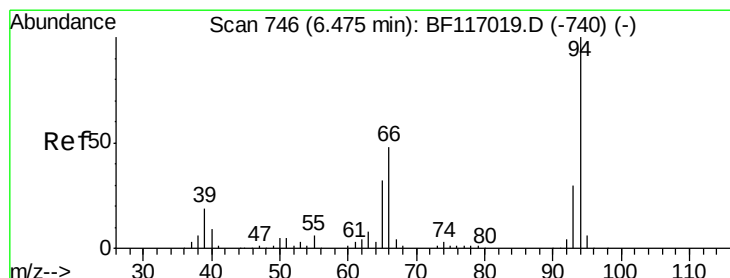
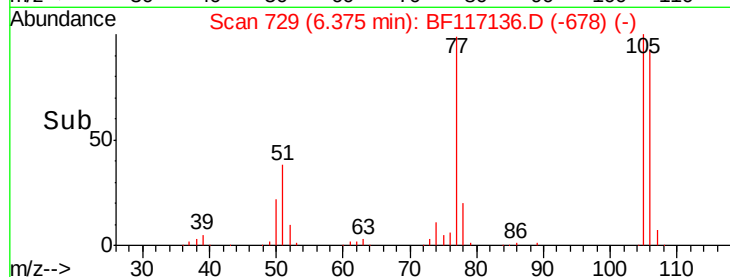
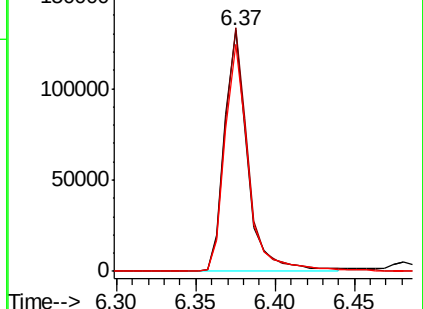
106 94.2 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.273 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

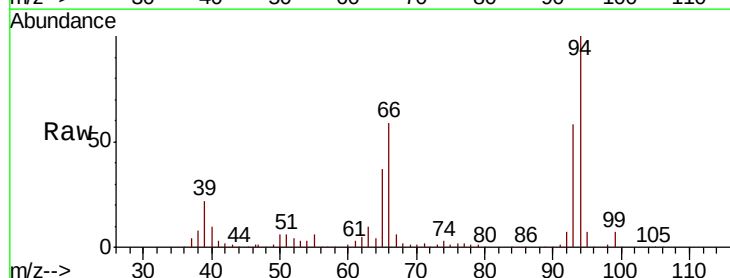
Tgt Ion: 94 Resp: 266168

Ion Ratio Lower Upper

94 100

65 36.9 12.5 52.5

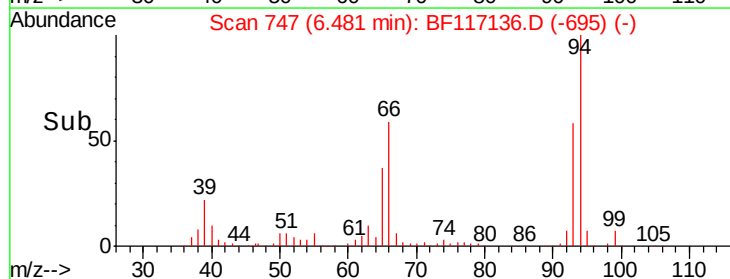
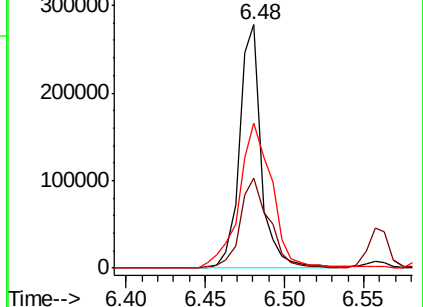
66 59.4 28.9 68.9

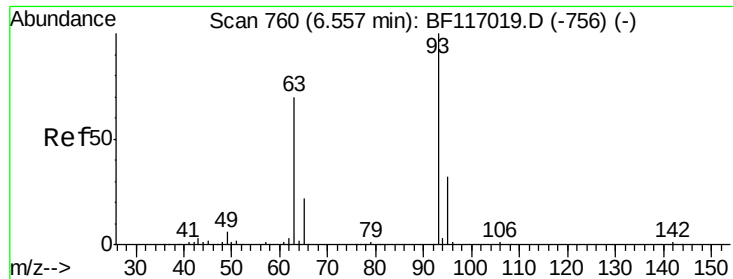


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

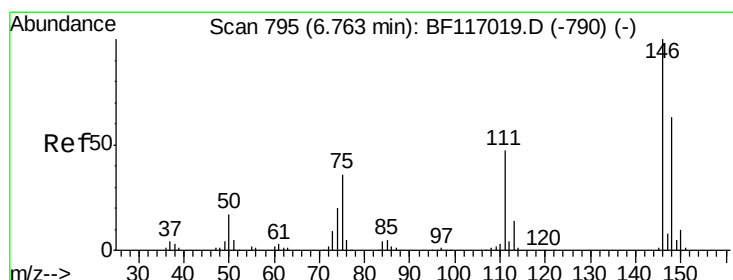
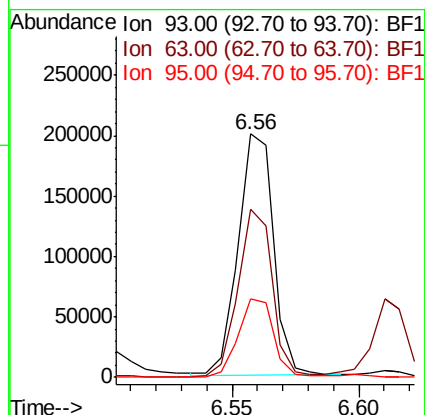
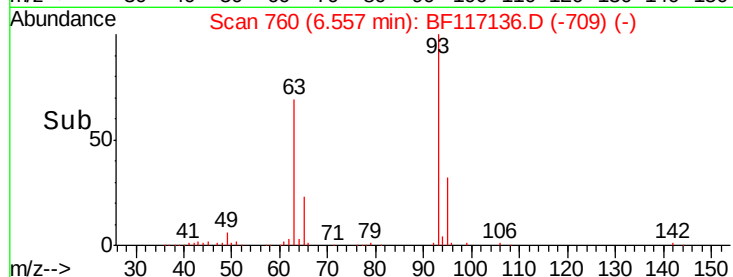
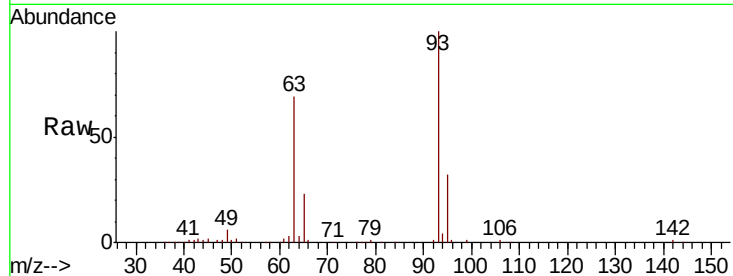




#11
bis(2-Chloroethyl)ether
Concen: 37.760 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

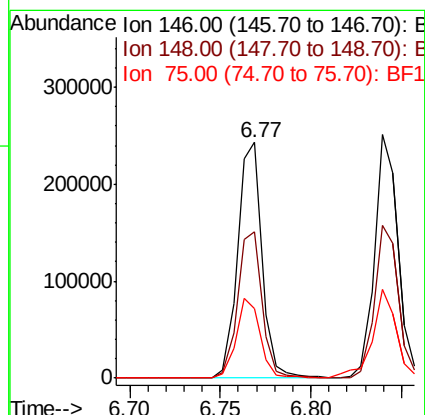
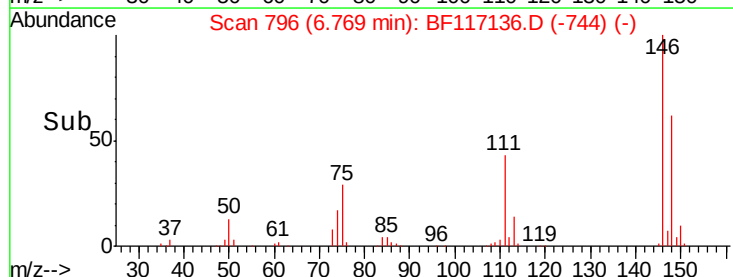
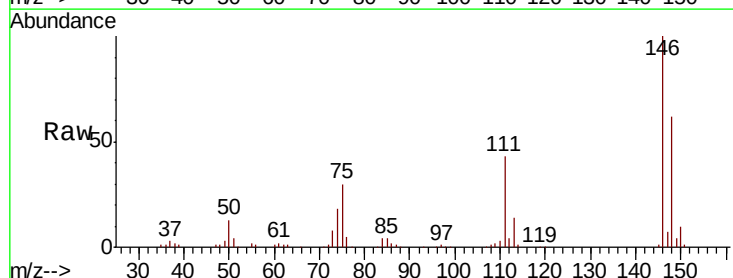
Instrument :
BNA_F
ClientSampleId :

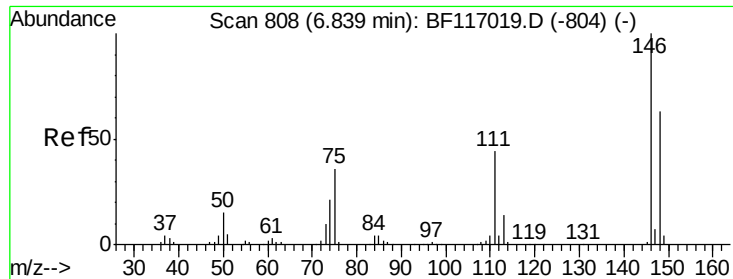
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.9	49.3	89.3
95	32.3	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 38.535 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.8	76.2
75	29.7	28.7	43.1

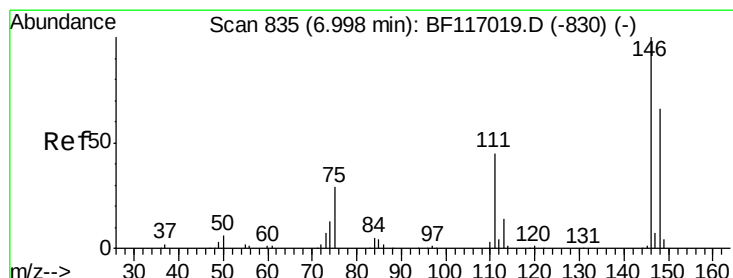
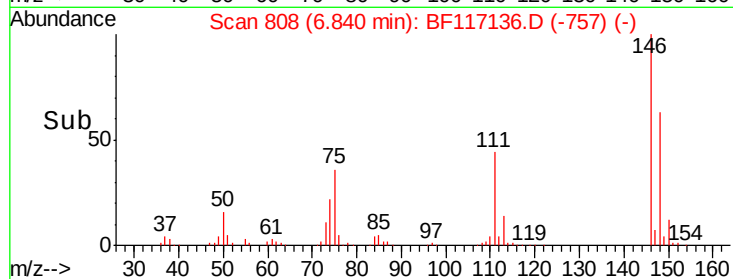
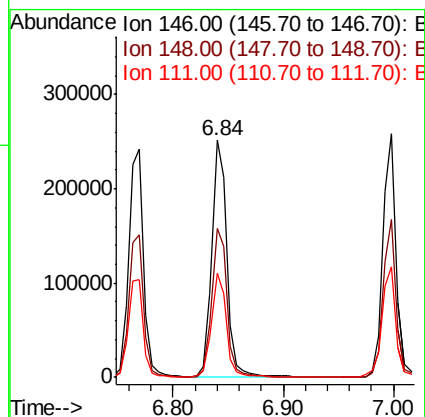
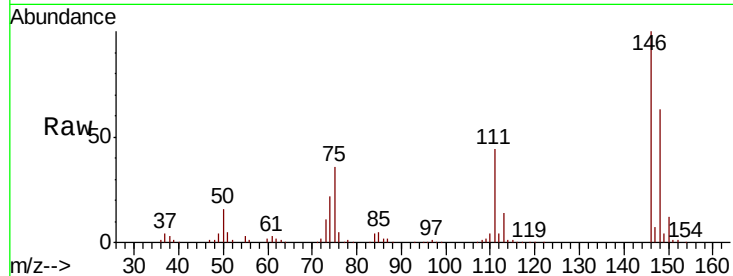




#13
 1,4-Dichlorobenzene
 Concen: 38.529 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

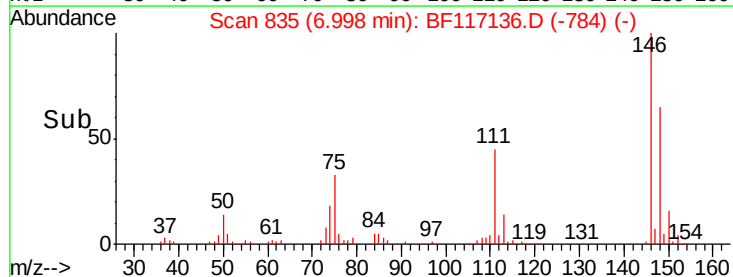
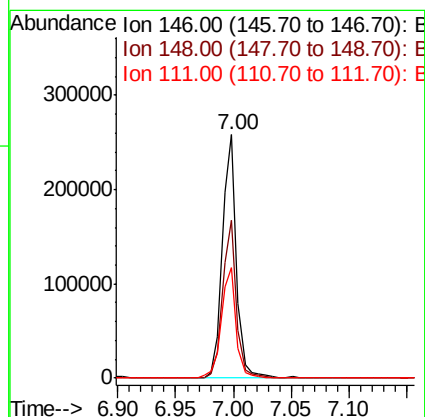
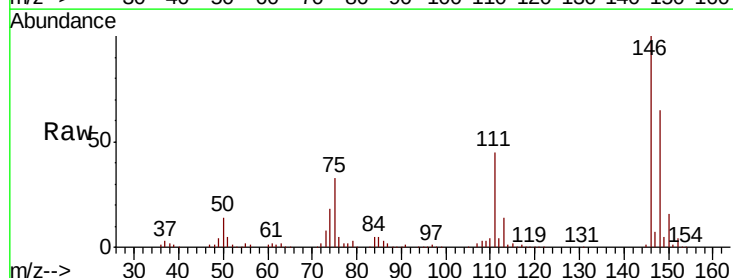
Instrument :
 BNA_F
 ClientSampleId :

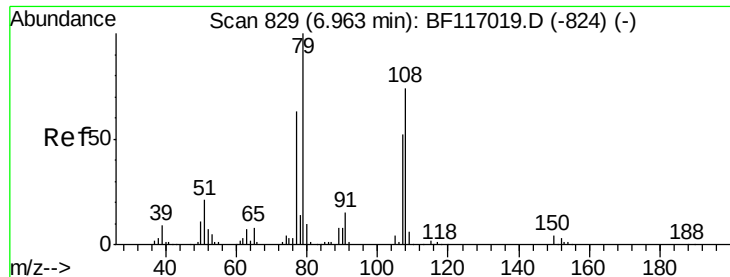
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
111	44.1	35.0	52.6



#14
 1,2-Dichlorobenzene
 Concen: 38.658 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	78.8
111	45.3	36.2	54.2

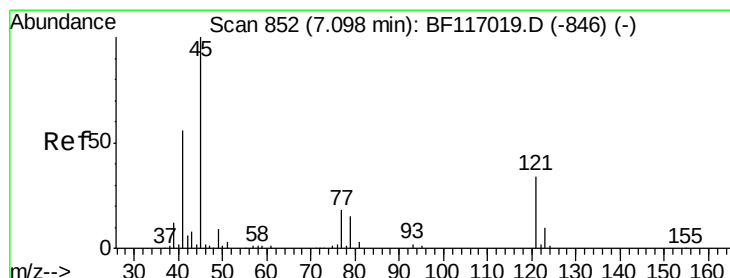
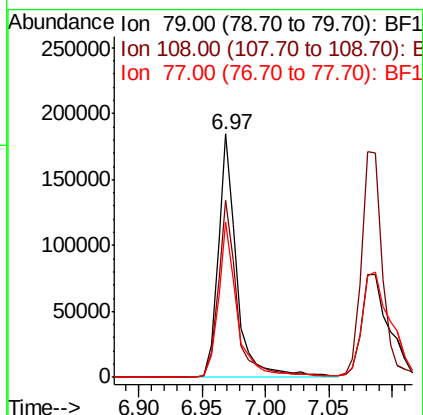
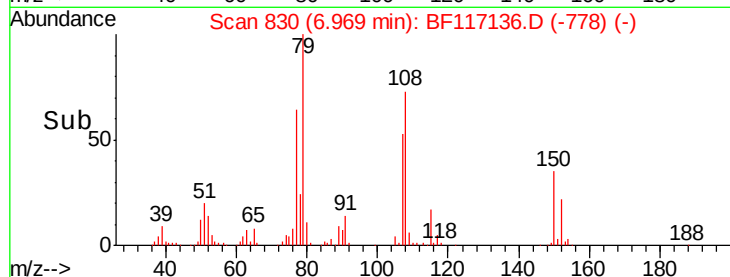
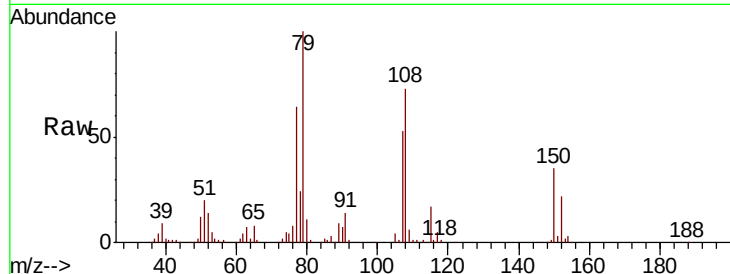




#15
Benzyl Alcohol
Concen: 39.158 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

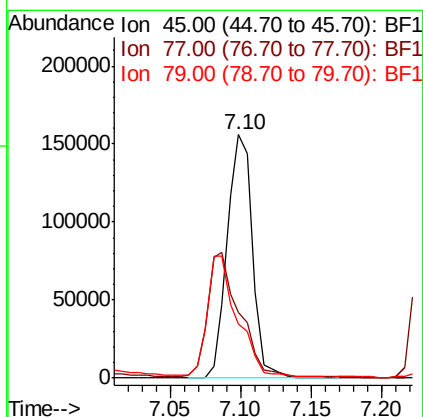
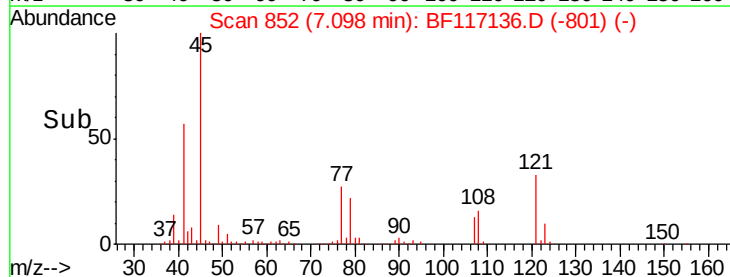
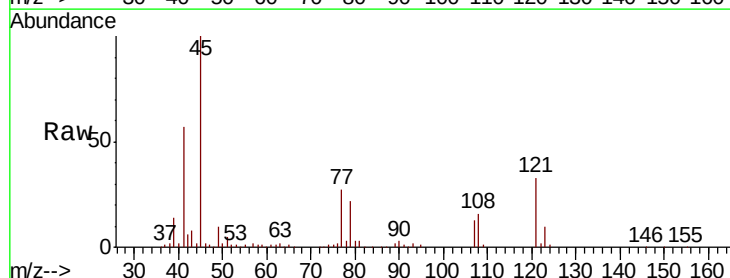
Instrument :
BNA_F
ClientSampled :

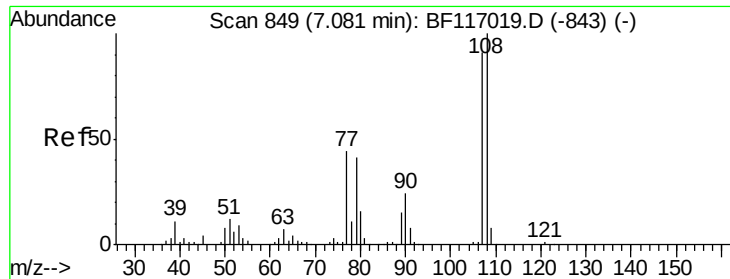
Tot Ion	Ratio	Lower	Upper
79	100		
108	72.6	59.4	89.0
77	63.6	50.2	75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.280 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.2	2.7	42.7
79	22.2	0.0	38.9

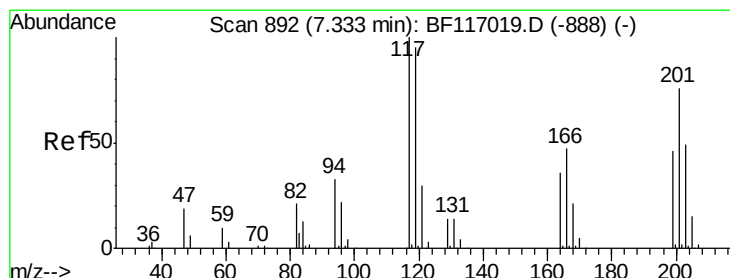
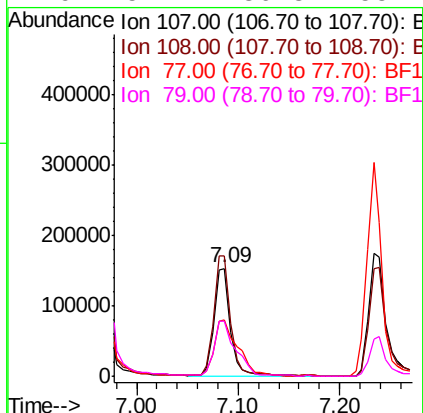
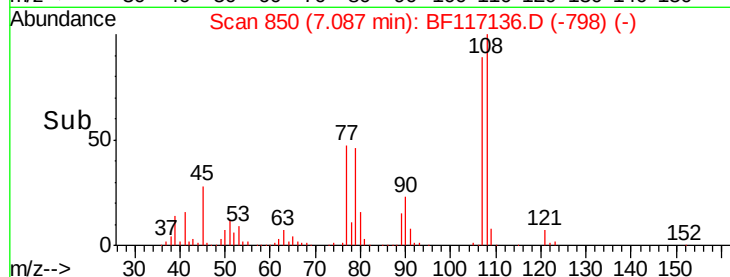
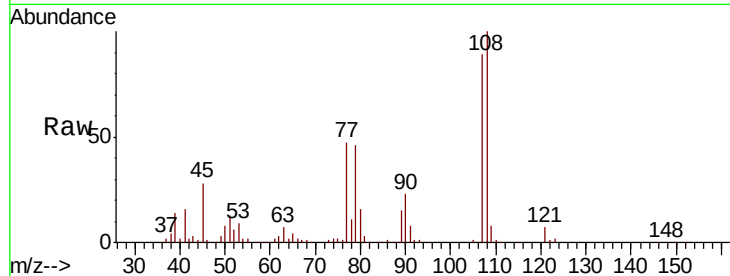




#17
2-Methylphenol
Concen: 39.085 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

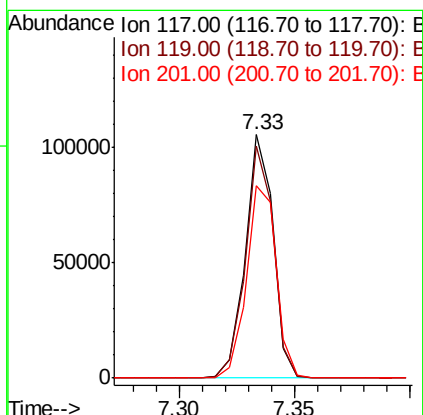
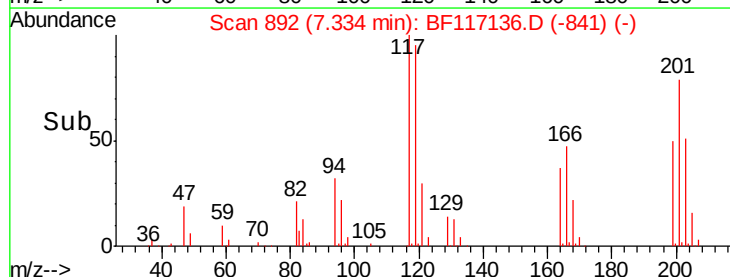
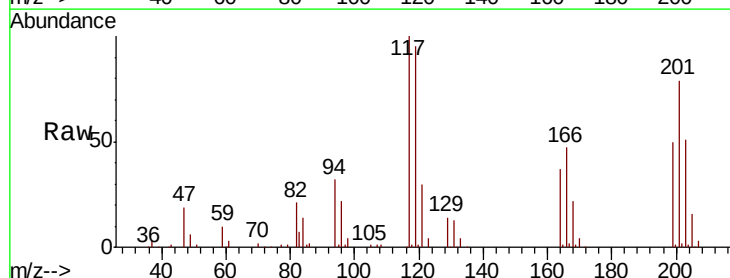
Instrument :
BNA_F
ClientSampled :

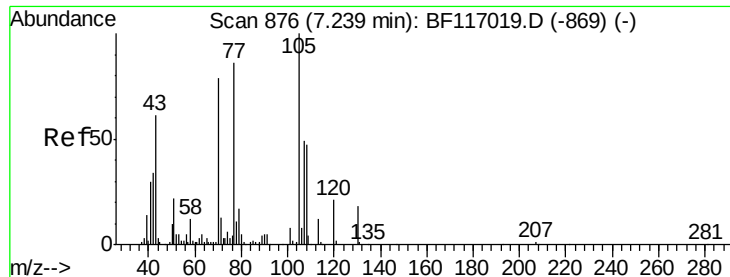
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	87.7	131.5
77	52.6	38.6	58.0
79	51.1	36.8	55.2



#18
Hexachloroethane
Concen: 38.490 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	78.9	60.9	91.3

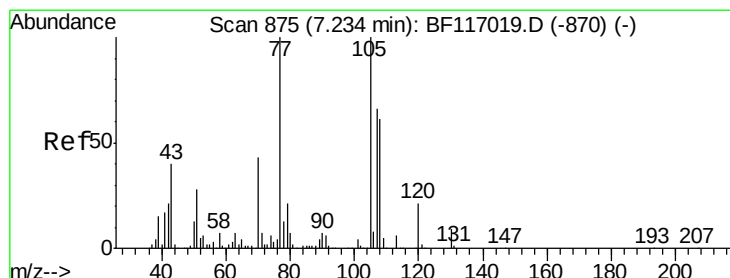
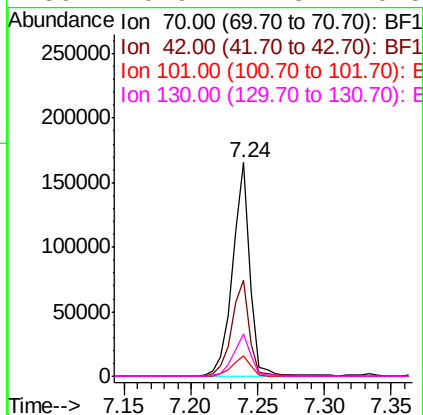
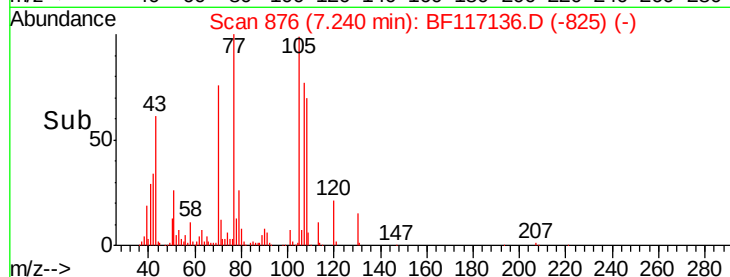
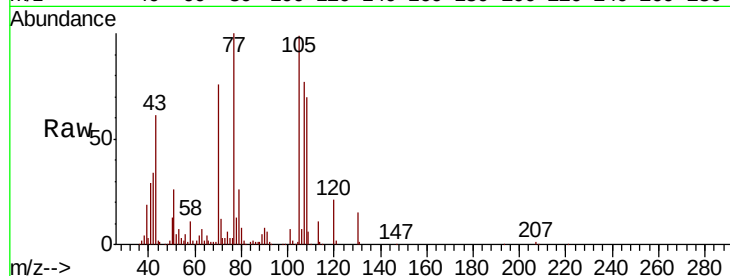




#19
n-Nitroso-di-n-propylamine
Concen: 39.681 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

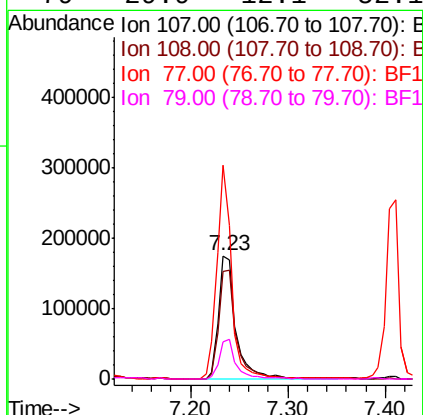
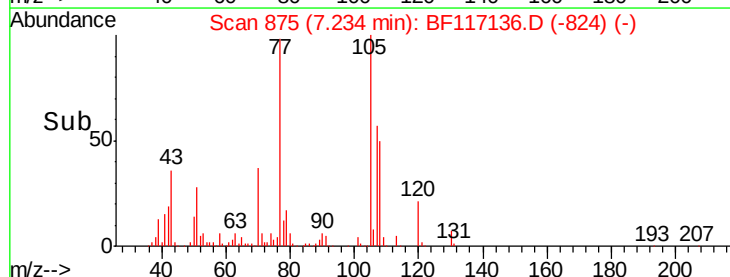
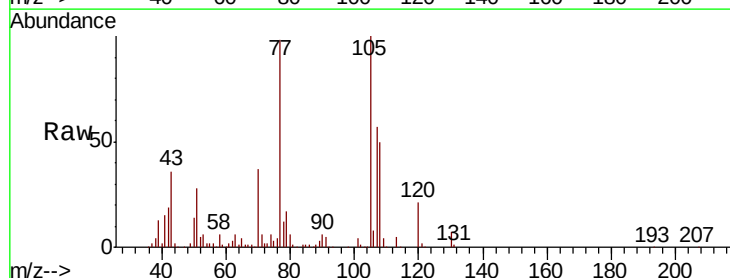
Instrument :
BNA_F
ClientSampled :

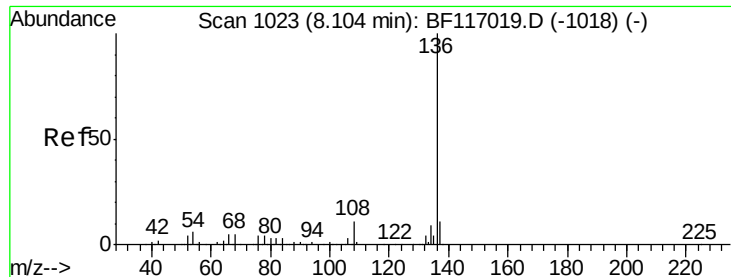
Tot Ion:	70	Resp:	152429
Ion	Ratio	Lower	Upper
70	100		
42	44.7	34.0	51.0
101	9.9	7.8	11.6
130	19.9	17.8	26.8



#20
3+4-Methylphenols
Concen: 39.383 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion:	107	Resp:	216500
Ion	Ratio	Lower	Upper
107	100		
108	87.7	72.6	112.6
77	173.6	132.1	172.1#
79	29.9	12.1	52.1

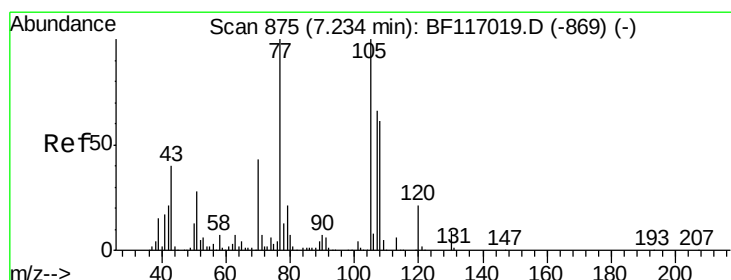
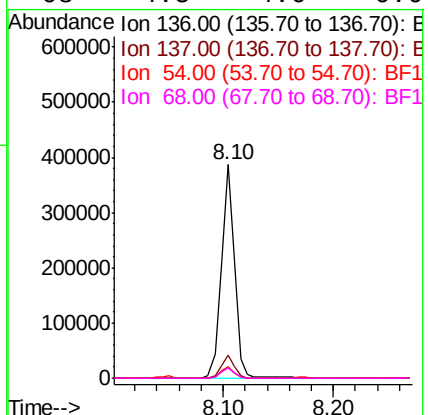
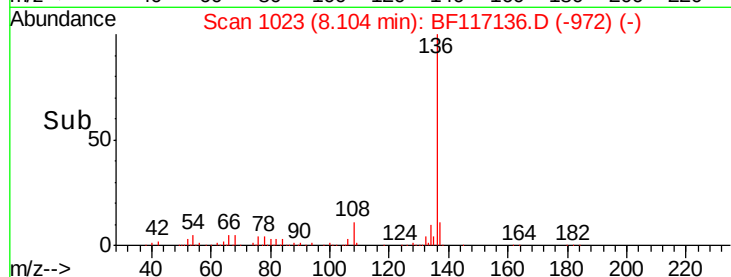
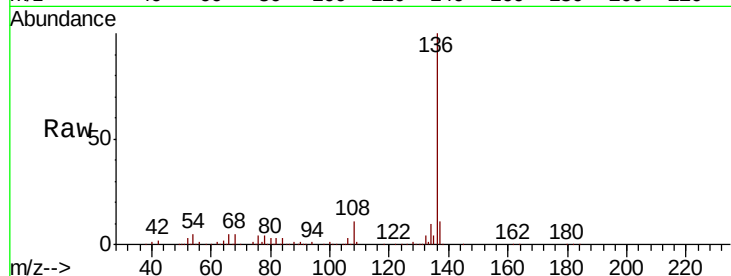




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

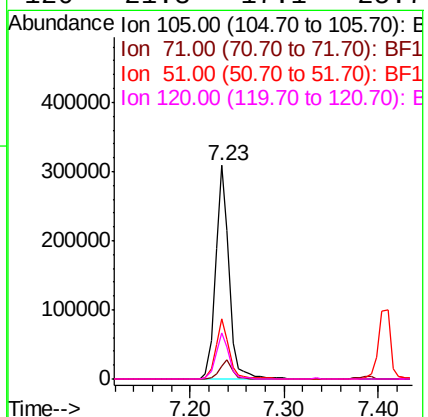
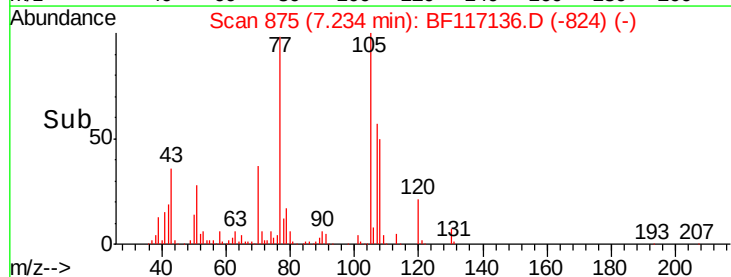
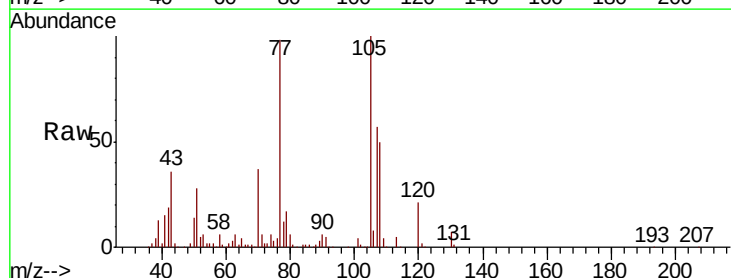
Instrument :
BNA_F
ClientSampled :

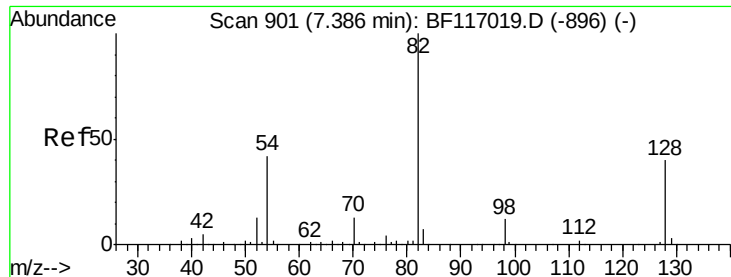
Tot Ion:136	Resp:	324552	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.0	13.4	
54 5.4	4.5	6.7	
68 4.5	4.0	6.0	



#22
Acetophenone
Concen: 37.919 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt	Ion:105	Resp:	312678
Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.7	8.5
51	28.3	22.1	33.1
120	21.3	17.1	25.7

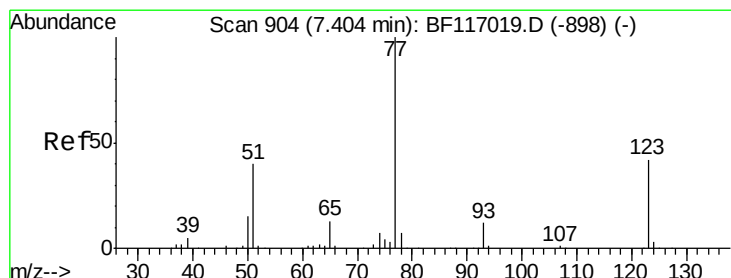
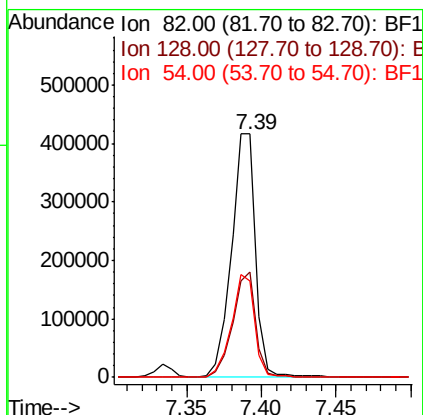
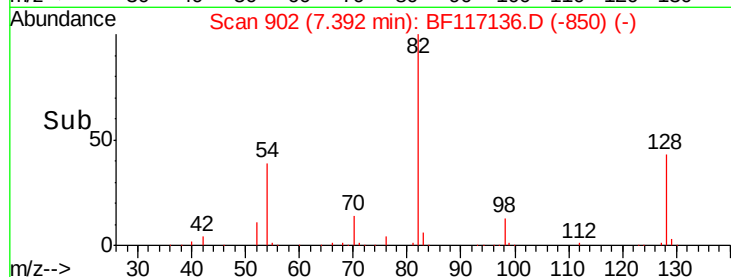
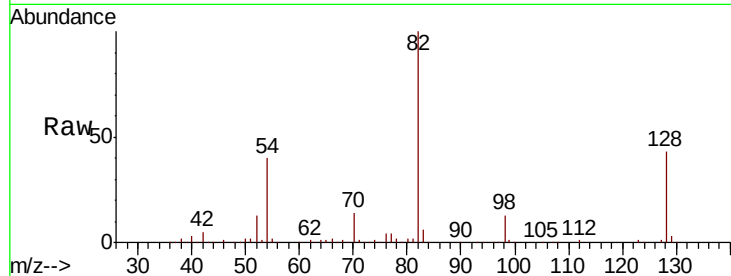




#23
Nitrobenzene-d5
Concen: 76.706 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

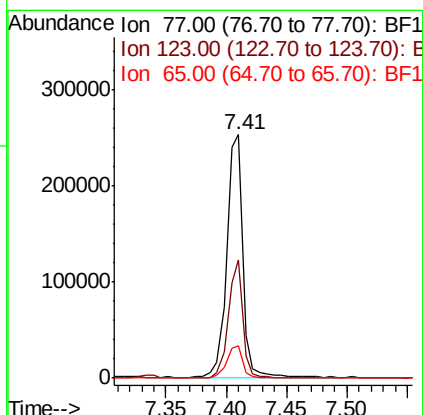
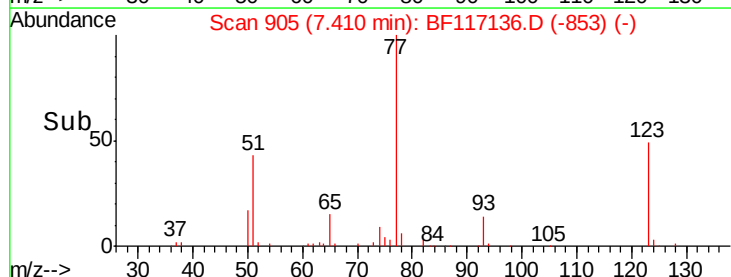
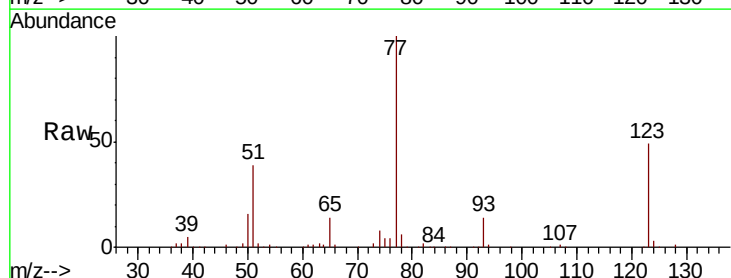
Instrument :
BNA_F
ClientSampleId :

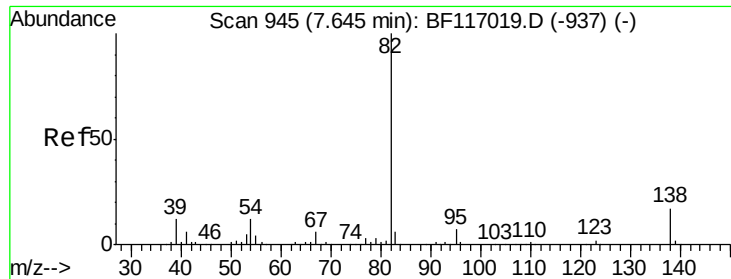
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.3	48.5
54	39.6	33.3	49.9



#24
Nitrobenzene
Concen: 38.134 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	33.5	50.3
65	13.5	10.5	15.7





#25

Isophorone

Concen: 37.162 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :
BNA_F
ClientSampled :

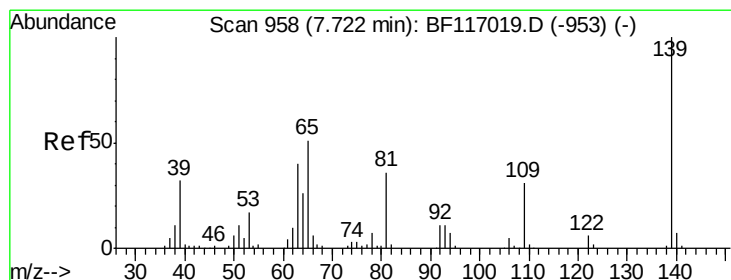
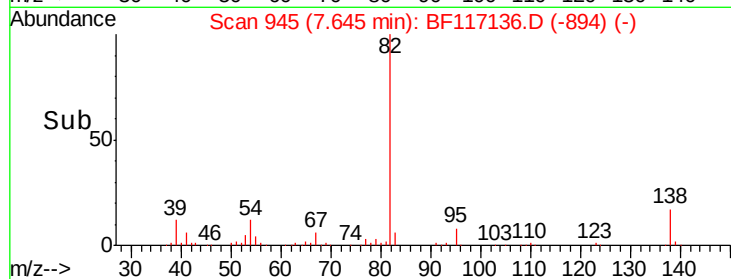
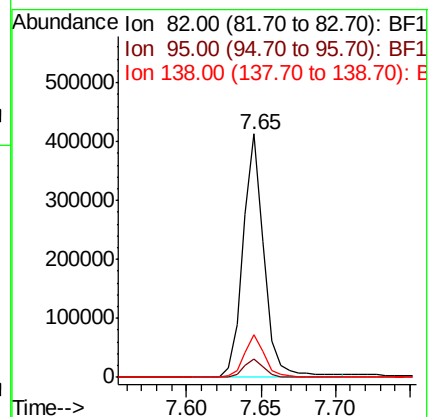
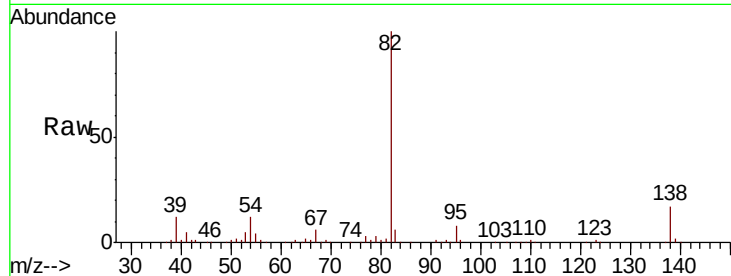
Tot Ion: 82 Resp: 406433

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 17.3 13.5 20.3



#26

2-Nitrophenol

Concen: 40.506 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

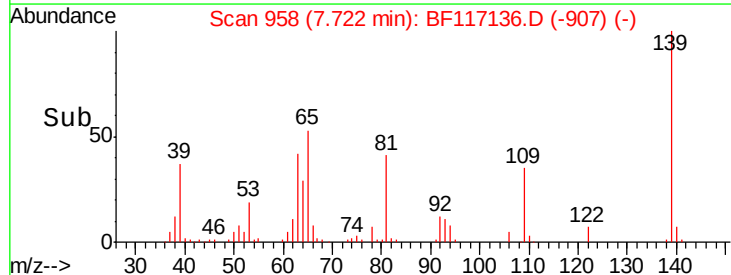
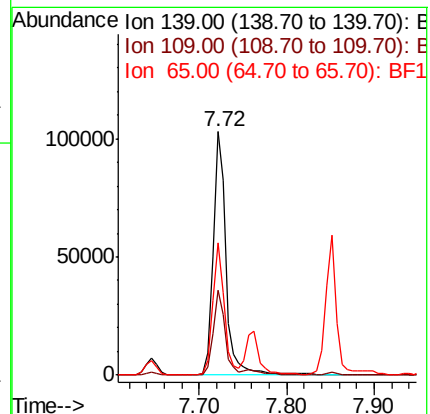
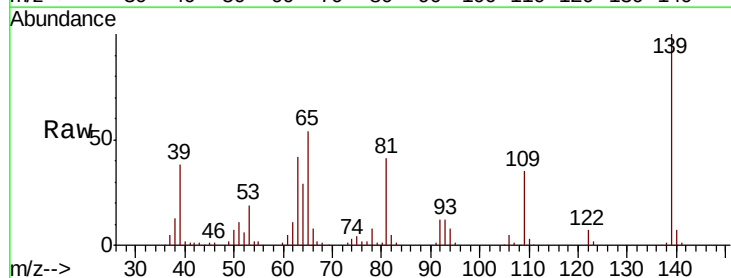
Tgt Ion: 139 Resp: 106132

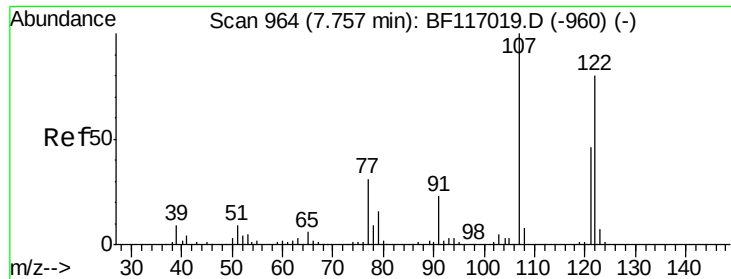
Ion Ratio Lower Upper

139 100

109 34.9 24.6 36.8

65 54.3 40.9 61.3

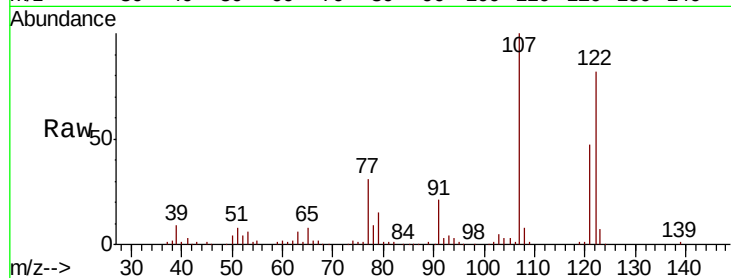




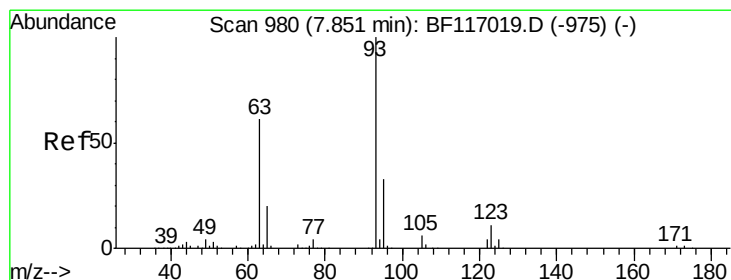
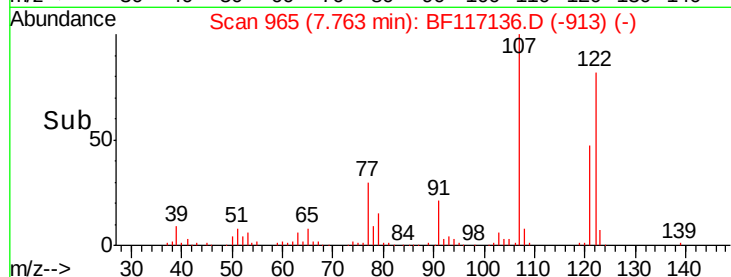
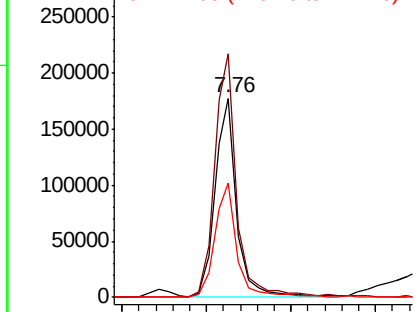
#27
 2,4-Dimethylphenol
 Concen: 38.245 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 158908
 Ion Ratio Lower Upper
 122 100
 107 122.4 98.9 148.3
 121 57.2 45.3 67.9

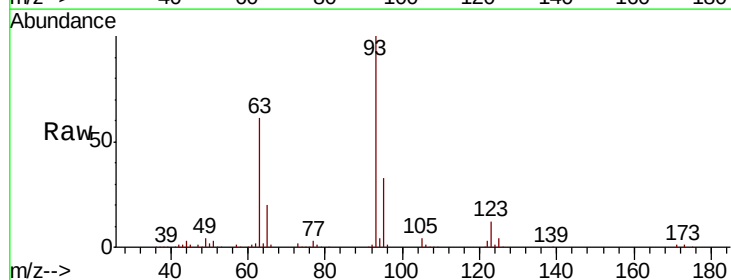


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

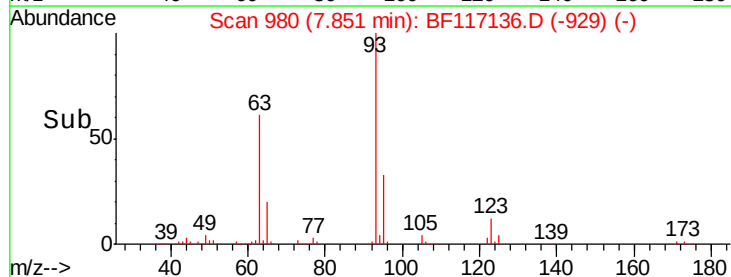
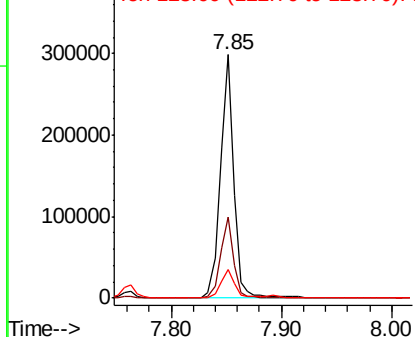


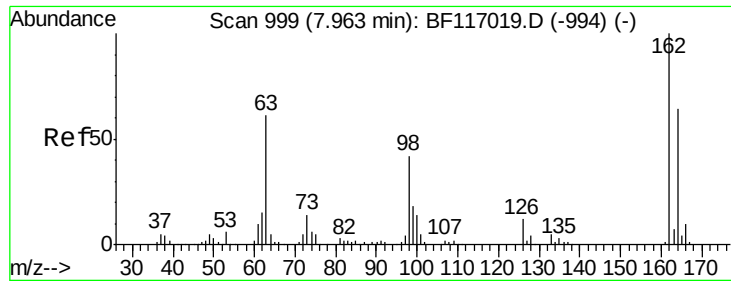
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.495 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion: 93 Resp: 252652
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.4
 123 11.8 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

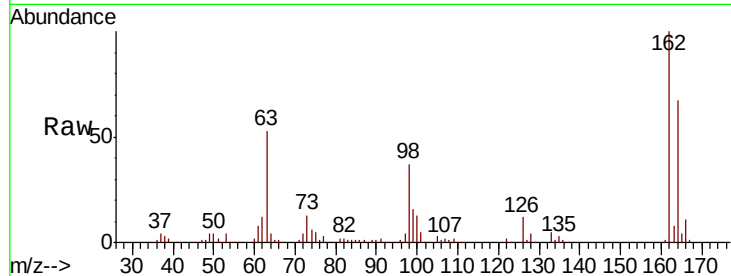




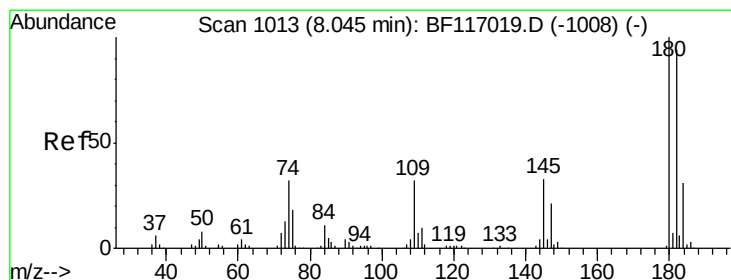
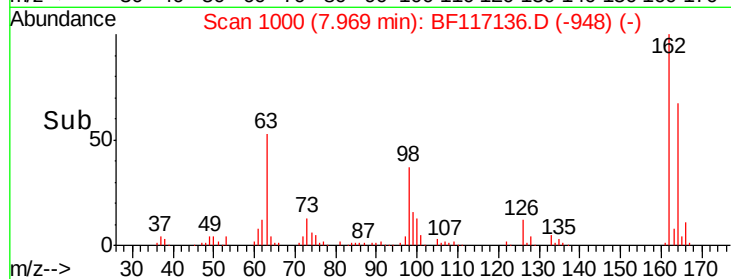
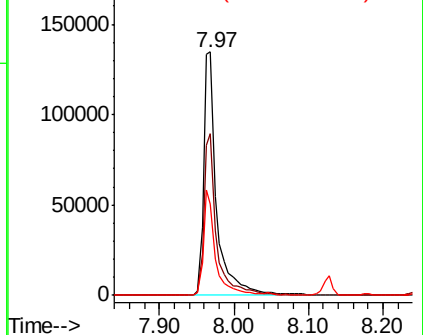
#29
 2,4-Dichlorophenol
 Concen: 38.316 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	43.8	83.8
98	37.4	22.1	62.1

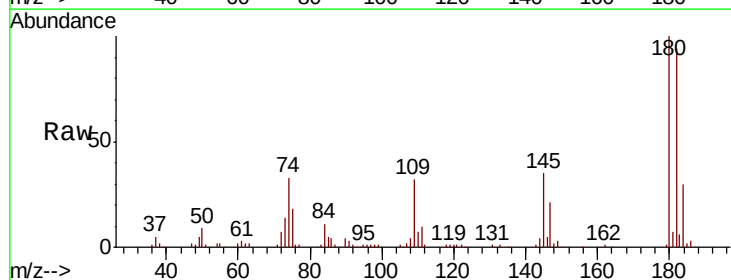


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

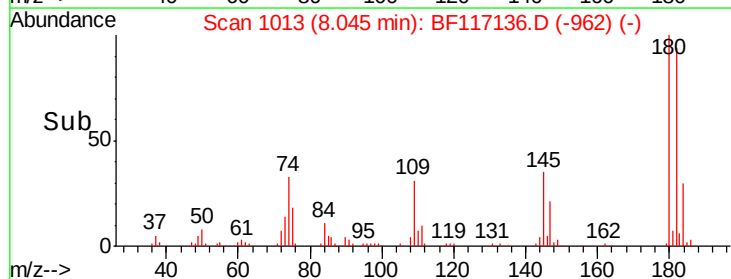
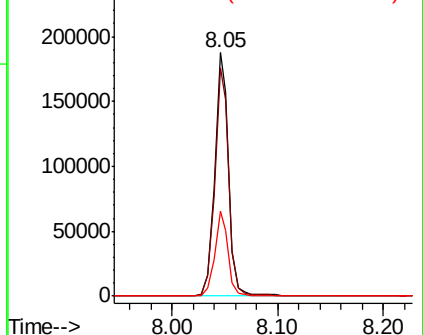


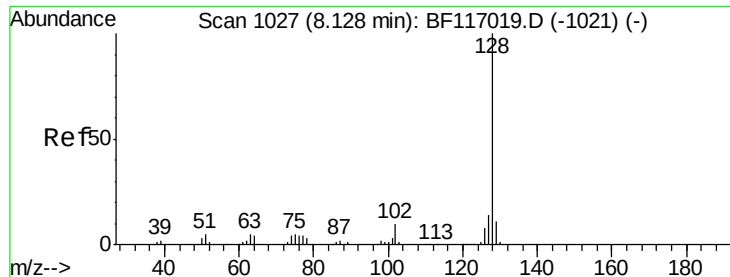
#30
 1,2,4-Trichlorobenzene
 Concen: 37.374 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.4	113.0
145	34.6	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

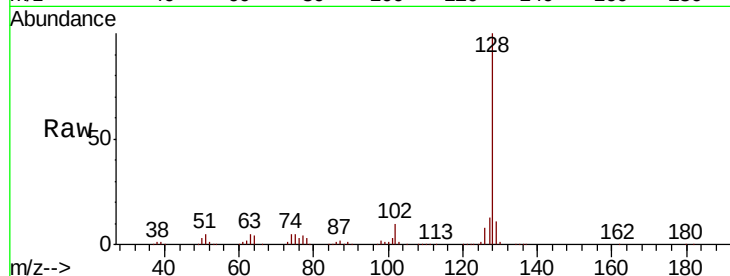




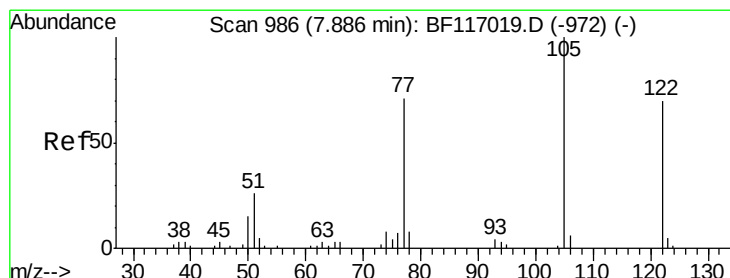
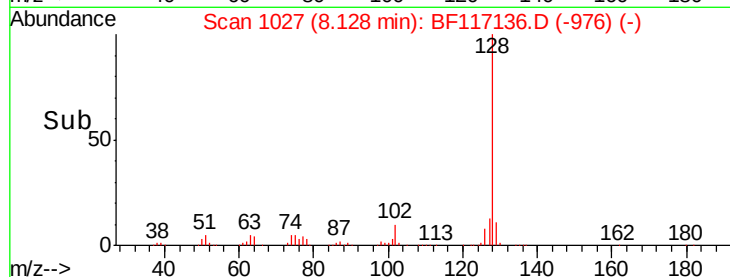
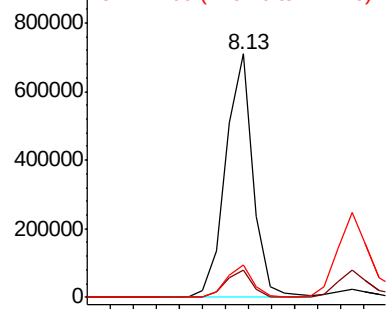
#31
Naphthalene
Concen: 37.730 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 588924
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.8 16.2

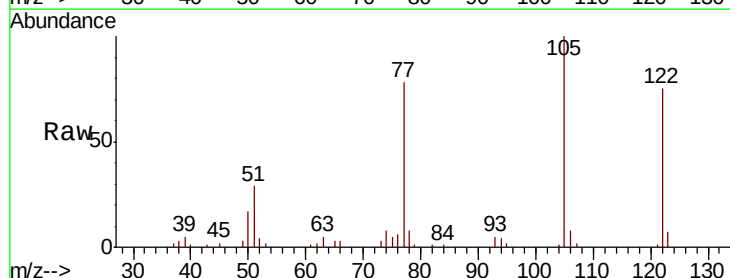


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

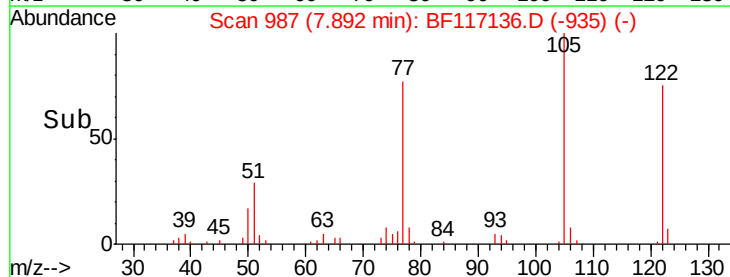
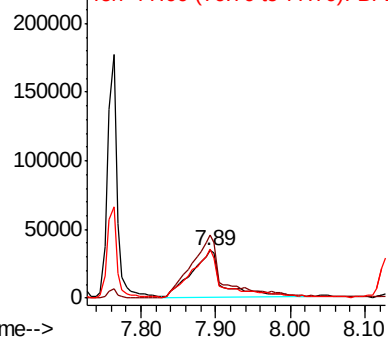


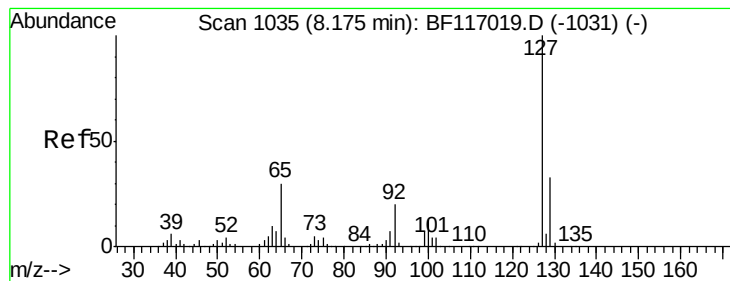
#32
Benzoic acid
Concen: 34.192 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion:122 Resp: 100374
Ion Ratio Lower Upper
122 100
105 133.7 114.8 154.8
77 104.3 78.7 118.7



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





#33

4-Chloroaniline

Concen: 38.289 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 265079

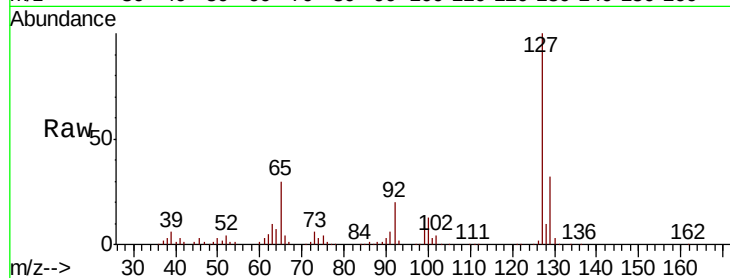
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.2

65 30.1 23.5 35.3

92 19.6 15.9 23.9

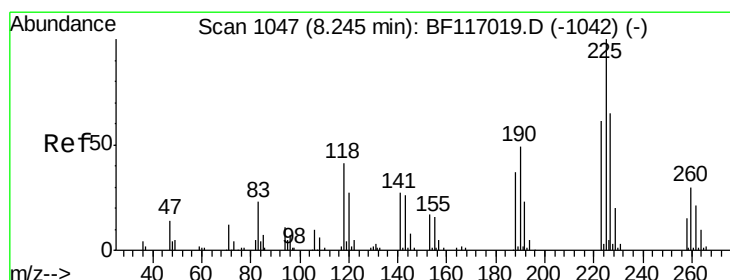
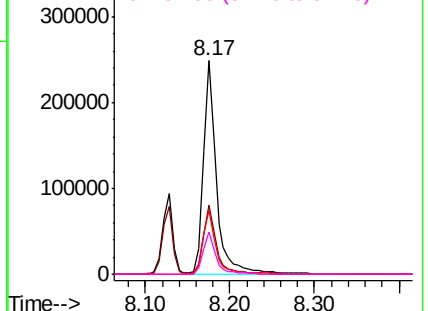
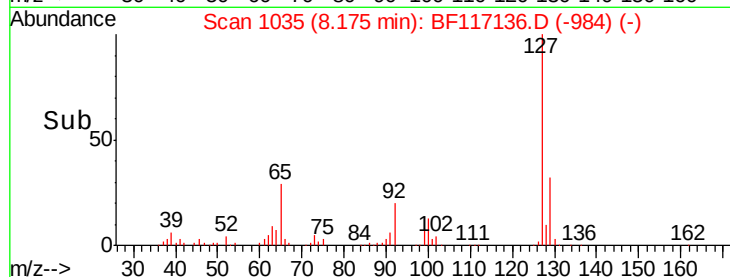


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.979 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

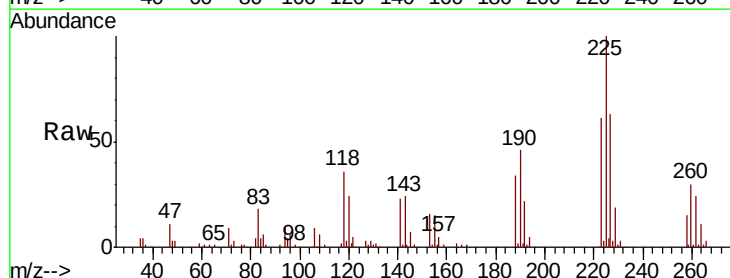
Tgt Ion:225 Resp: 101351

Ion Ratio Lower Upper

225 100

223 61.4 49.1 73.7

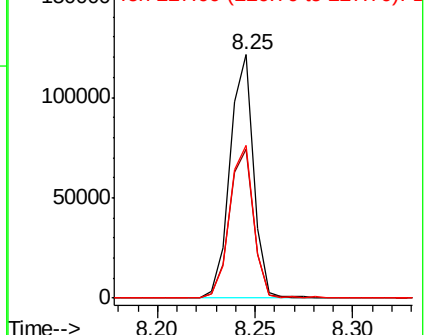
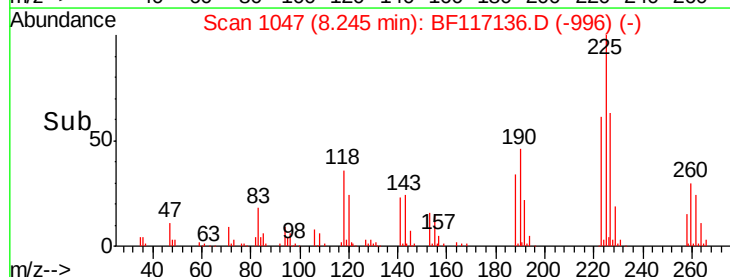
227 62.8 52.2 78.2

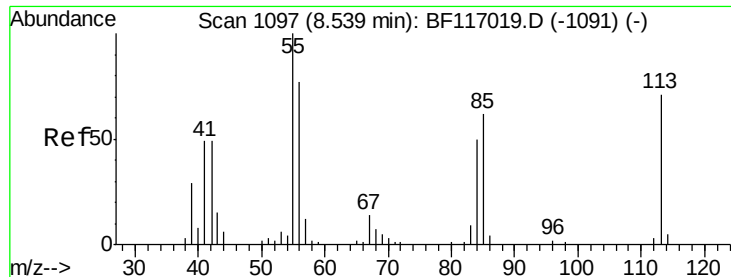


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

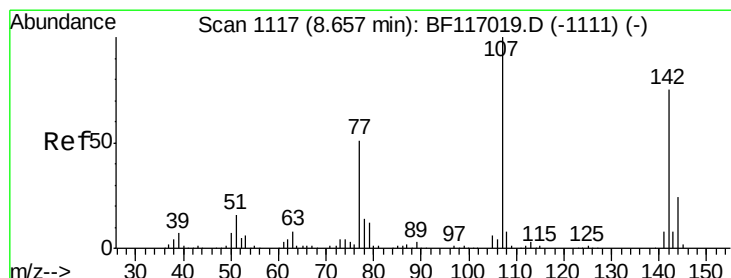
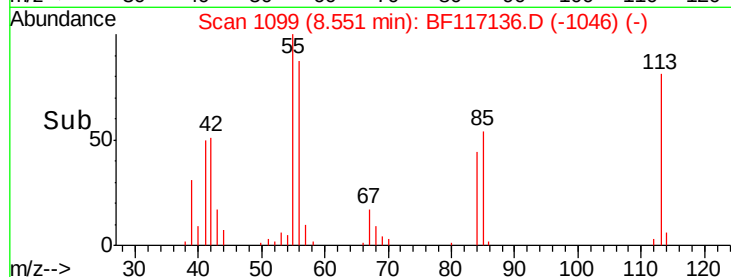
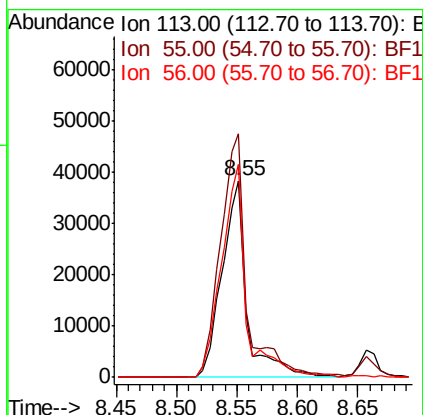
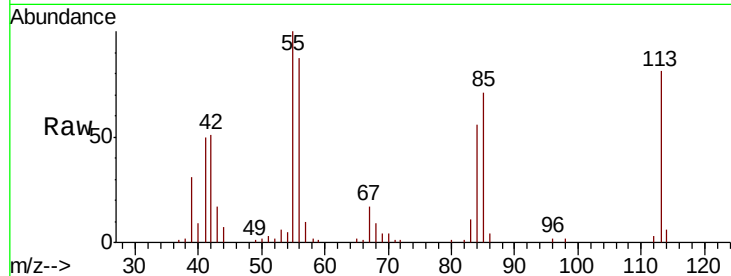




#35
Caprolactam
Concen: 36.797 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

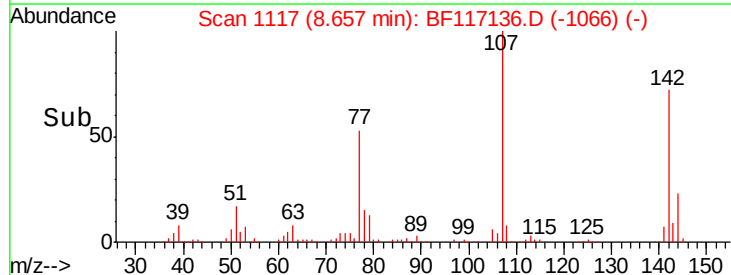
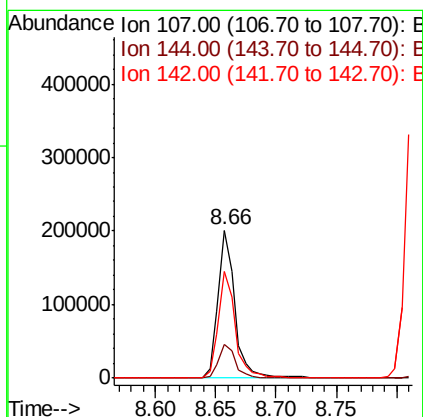
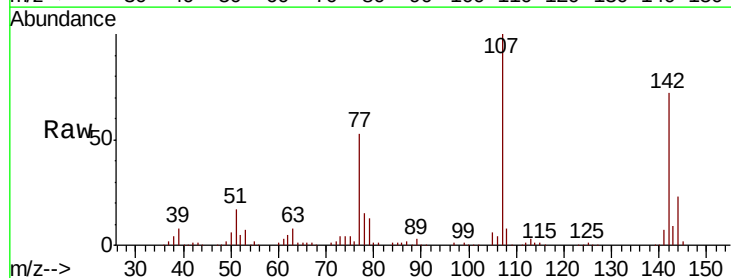
Instrument :
BNA_F
ClientSampleId :

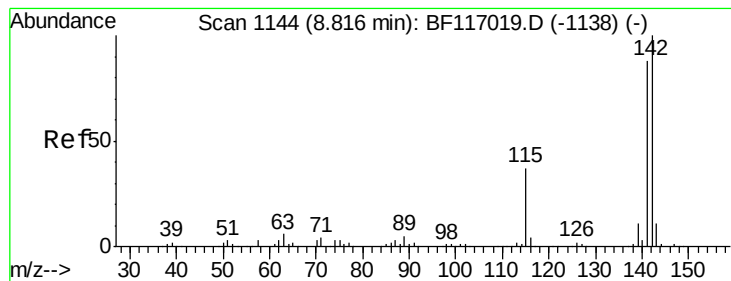
Tot Ion:113 Resp: 54225
Ion Ratio Lower Upper
113 100
55 123.9 120.6 160.6
56 108.2 88.8 128.8



#36
4-Chloro-3-methylphenol
Concen: 38.219 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion:107 Resp: 194021
Ion Ratio Lower Upper
107 100
144 23.1 19.2 28.8
142 71.7 59.6 89.4





#37

2-Methylnaphthalene

Concen: 37.774 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

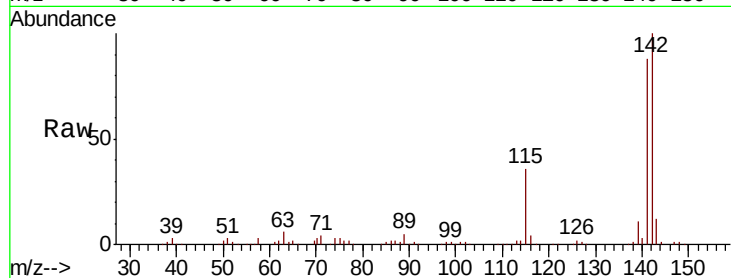
Tot Ion:142 Resp: 397037

Ion Ratio Lower Upper

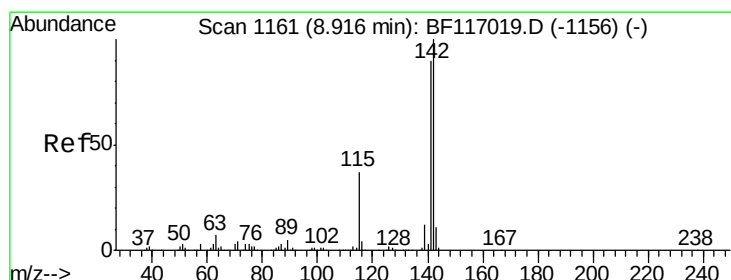
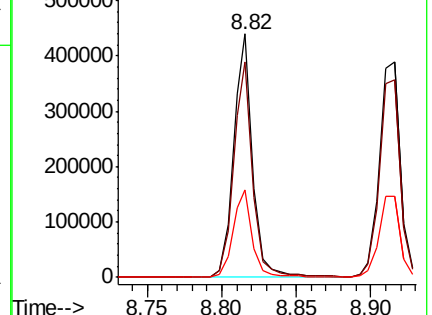
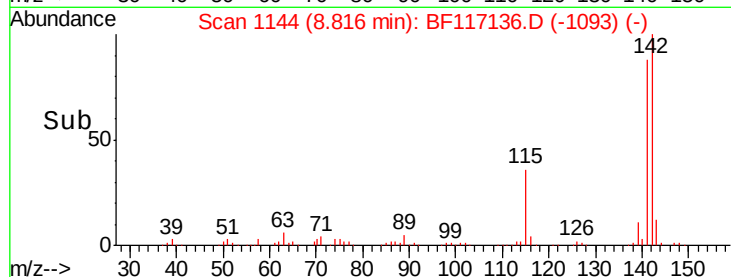
142 100

141 88.3 70.7 106.1

115 35.9 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: 38.113 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

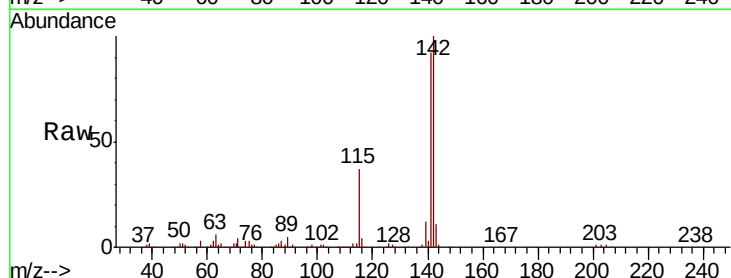
Tgt Ion:142 Resp: 375199

Ion Ratio Lower Upper

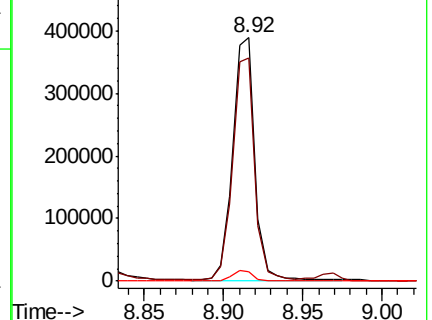
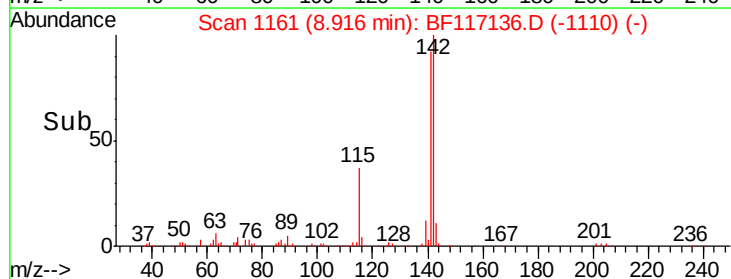
142 100

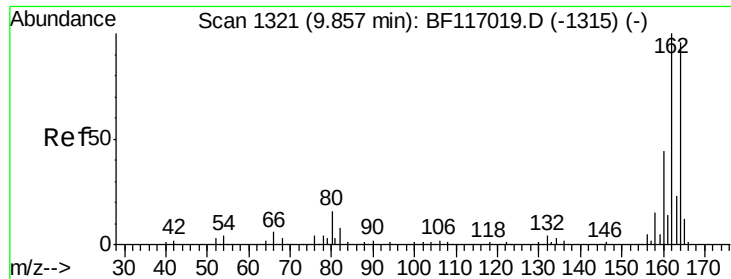
141 91.9 71.9 107.9

116 3.9 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

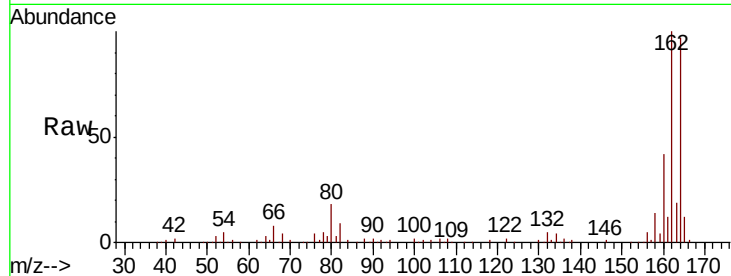




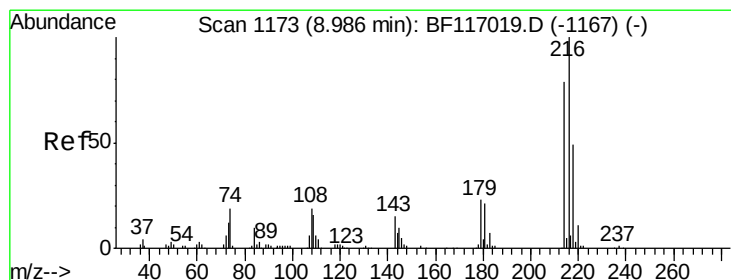
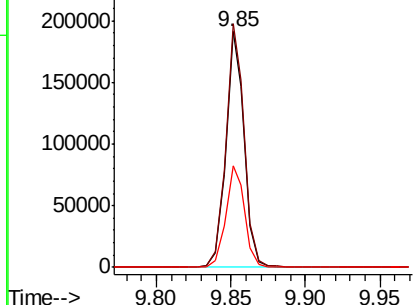
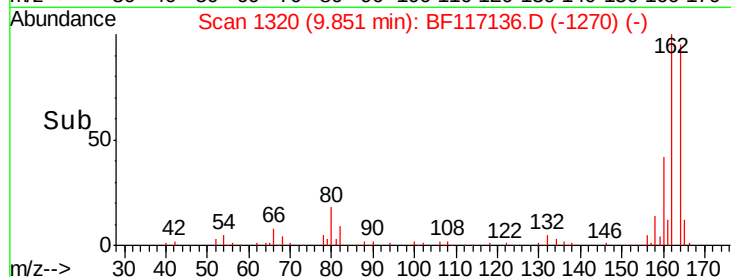
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 165371
Ion Ratio Lower Upper
164 100
162 103.3 83.4 125.2
160 43.2 36.4 54.6

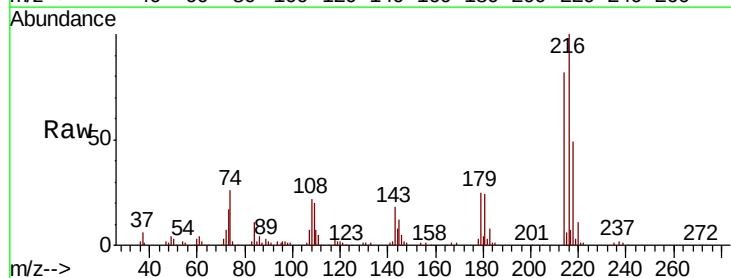


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

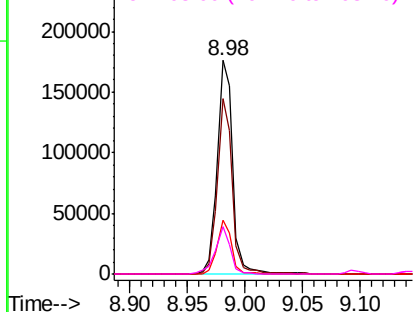
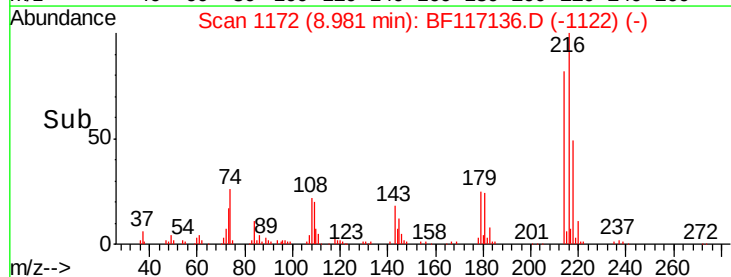


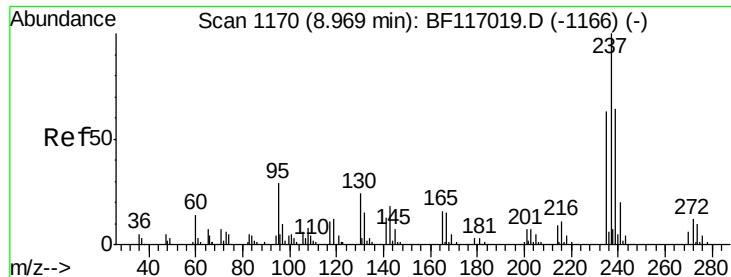
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.239 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion:216 Resp: 163292
Ion Ratio Lower Upper
216 100
214 79.5 63.6 95.4
179 23.5 18.3 27.5
108 21.9 17.8 26.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.552 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

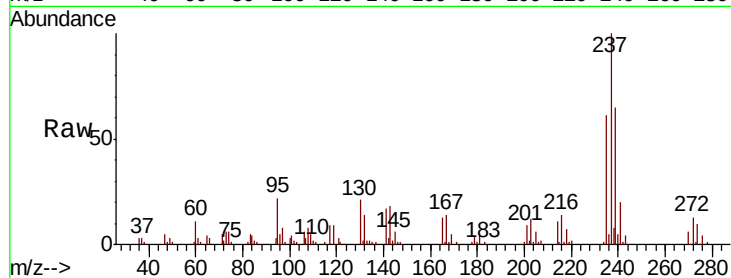
Tot Ion:237 Resp: 60075

Ion Ratio Lower Upper

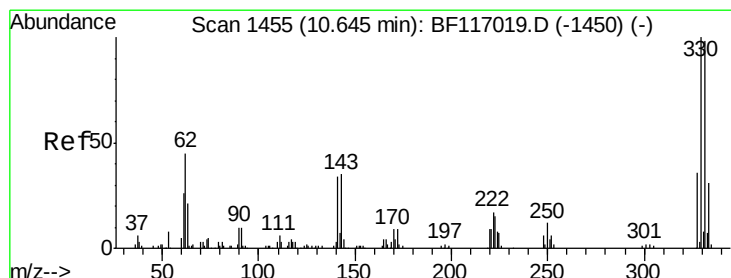
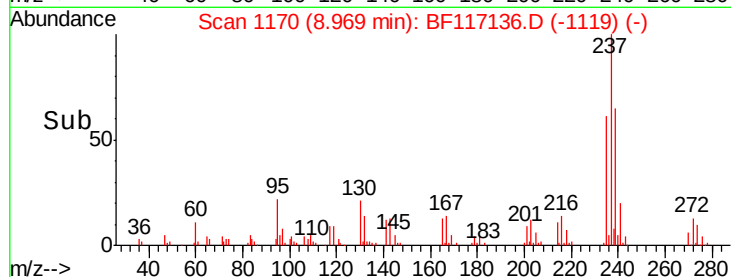
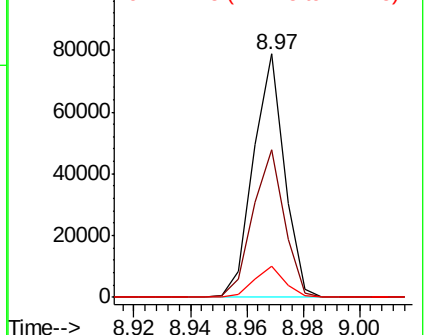
237 100

235 60.7 43.2 83.2

272 12.7 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: 76.191 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

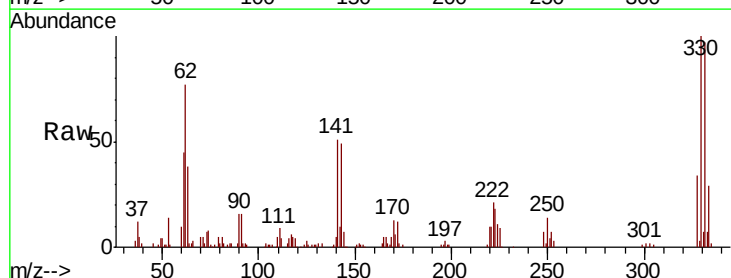
Tgt Ion:330 Resp: 105306

Ion Ratio Lower Upper

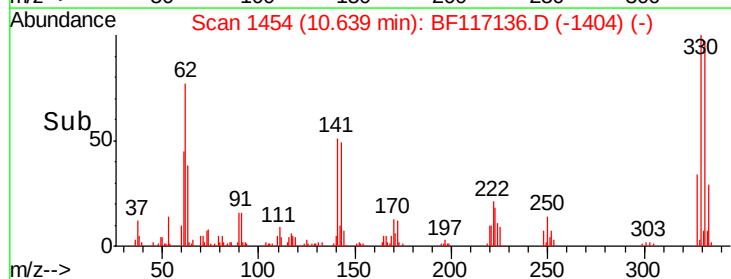
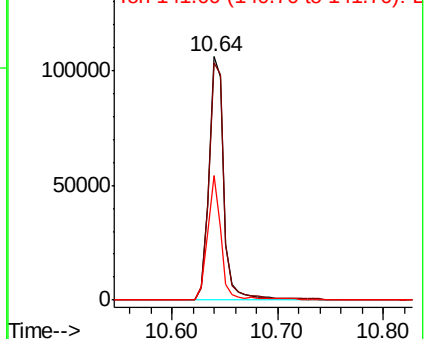
330 100

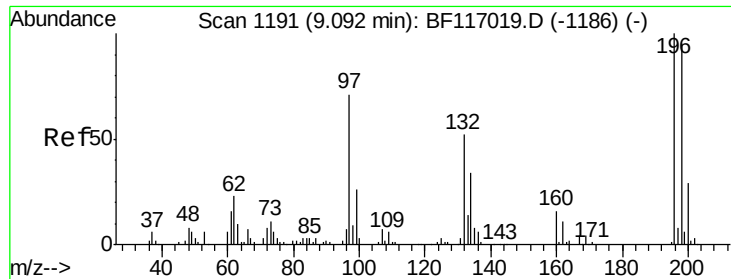
332 99.2 78.0 117.0

141 45.8 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

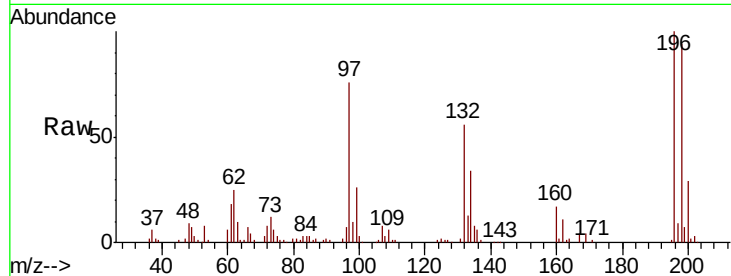




#43
 2,4,6-Trichlorophenol
 Concen: 38.025 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	110195
Ion Ratio	Lower	Upper	
196	100		
198	94.0	75.7	113.5
200	28.7	23.3	34.9

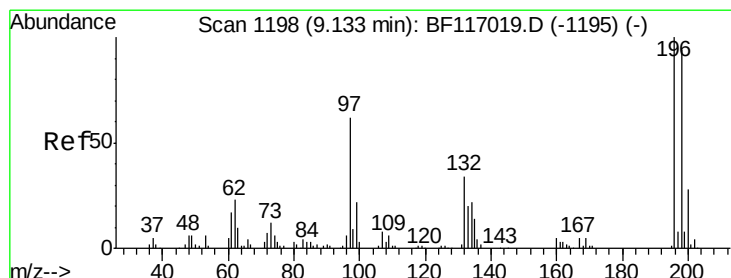
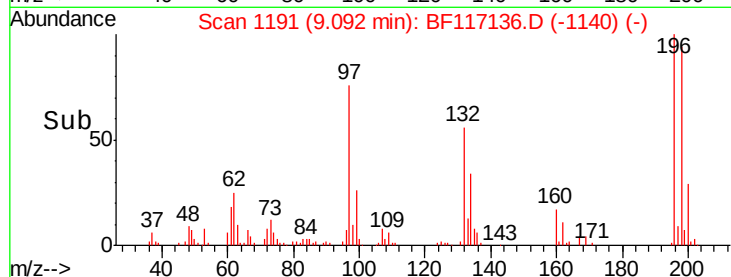
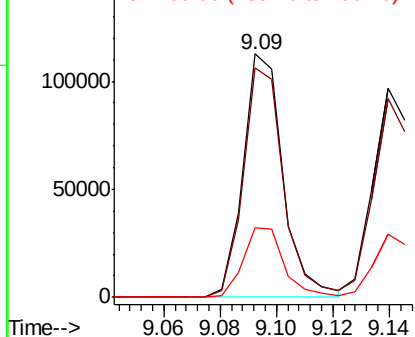


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.184 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion	196	Resp	118227
Ion Ratio	Lower	Upper	
196	100		
198	95.1	74.6	112.0
97	64.8	49.5	74.3
132	32.8	27.4	41.2

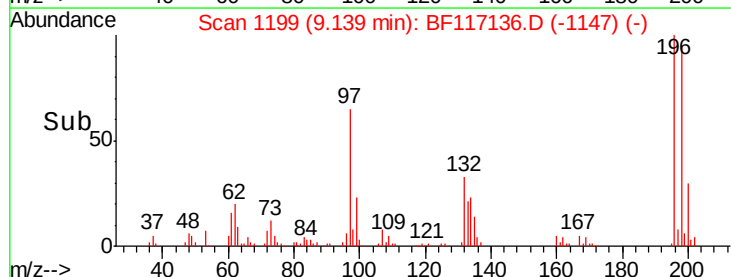
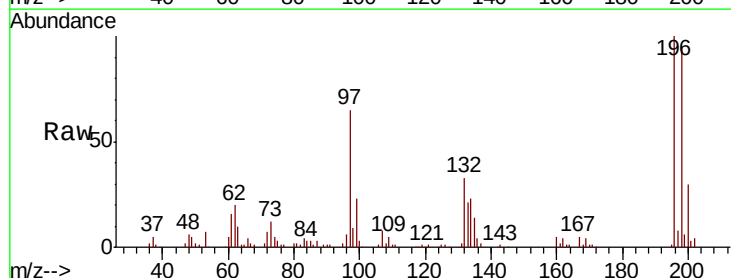
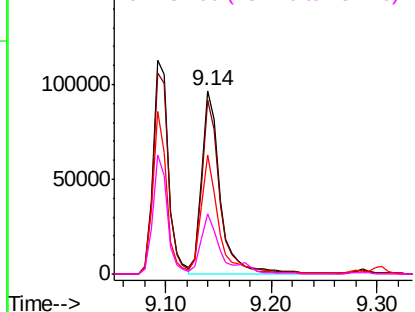
Abundance

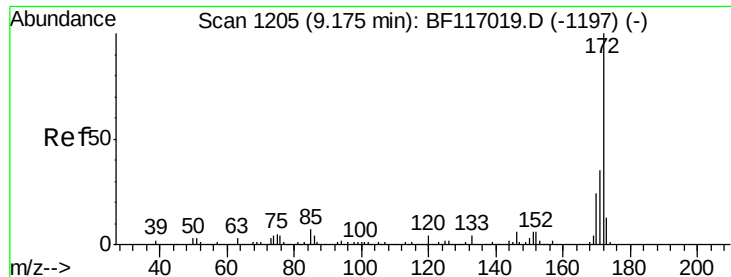
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

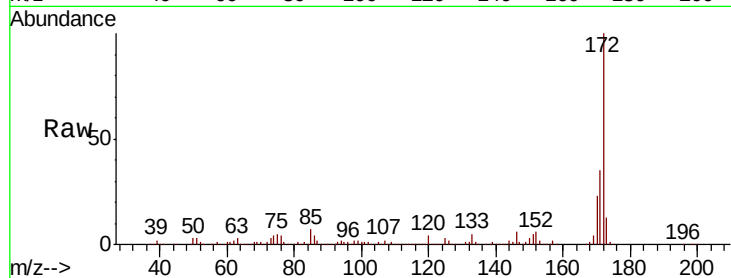




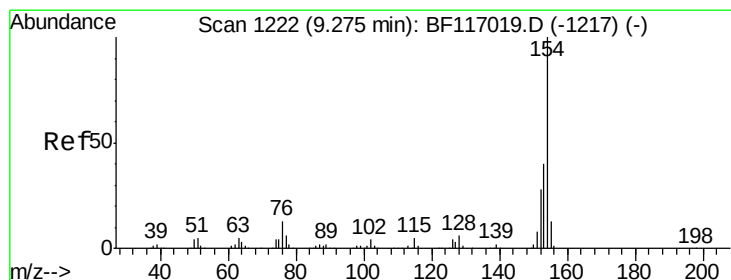
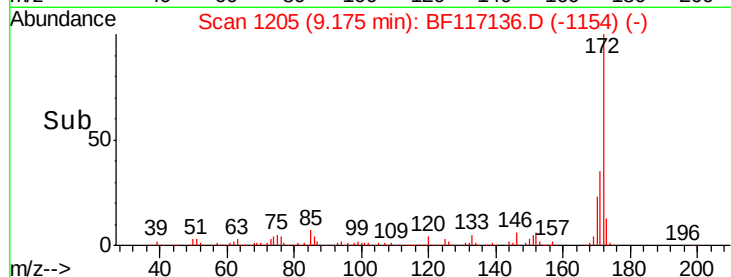
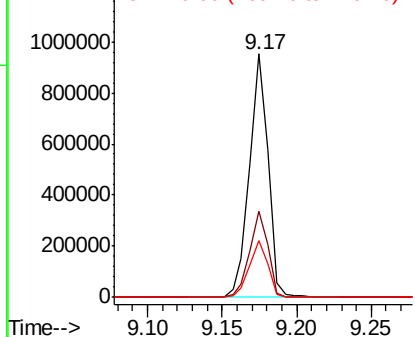
#45
2-Fluorobiphenyl
Concen: 77.660 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 821364
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.3 18.9 28.3

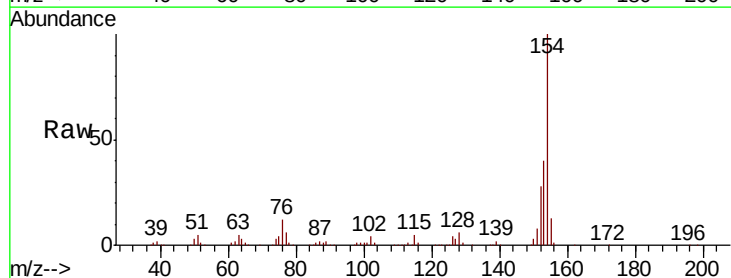


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

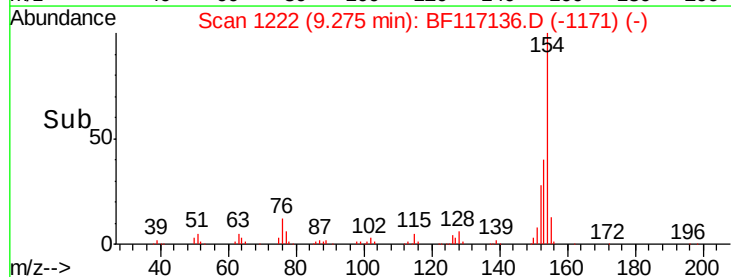
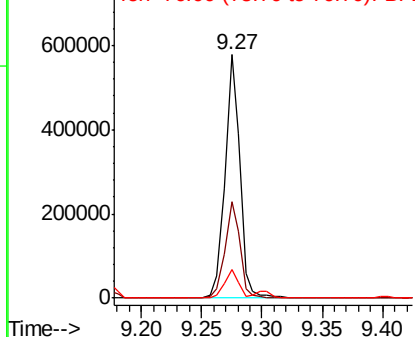


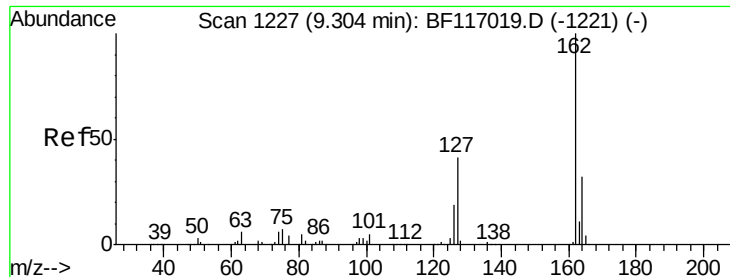
#46
1,1'-Biphenyl
Concen: 37.855 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion:154 Resp: 491046
Ion Ratio Lower Upper
154 100
153 39.7 20.0 60.0
76 12.0 0.0 32.7



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

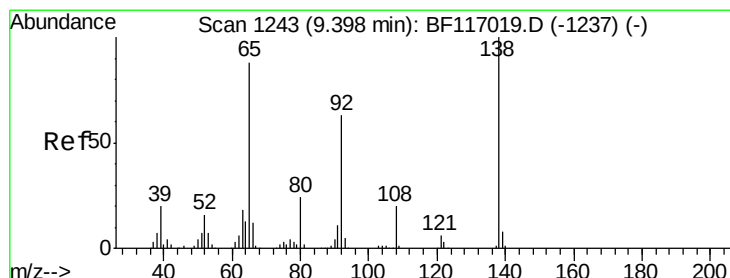
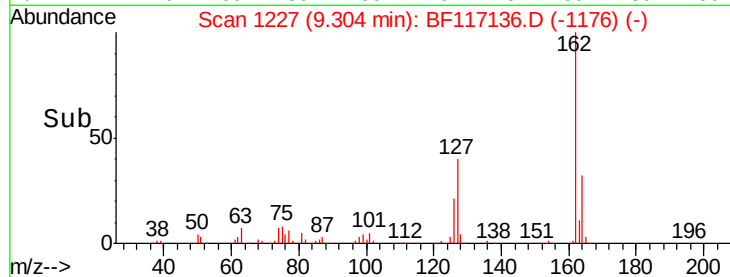
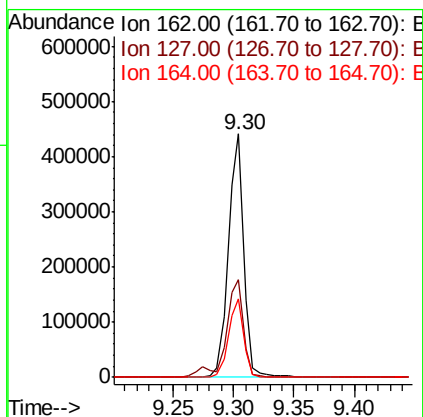
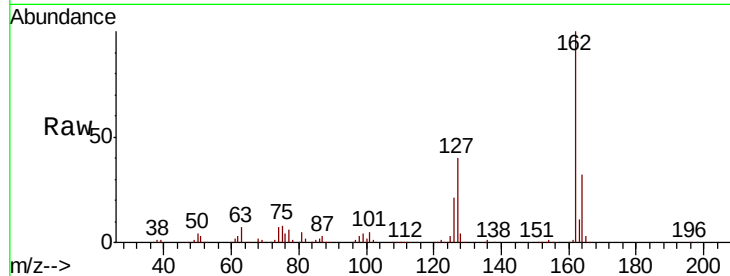




#47
 2-Chloronaphthalene
 Concen: 38.047 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

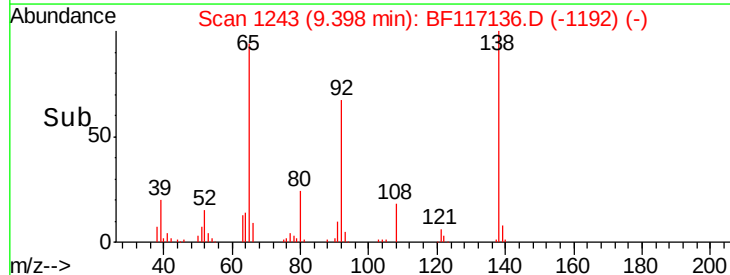
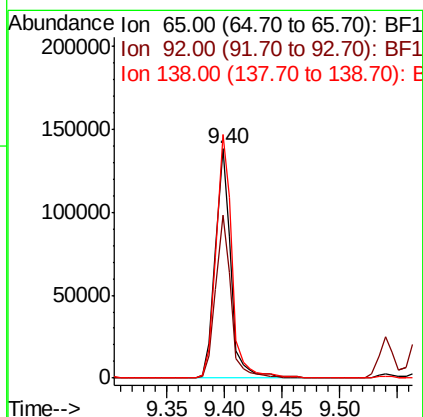
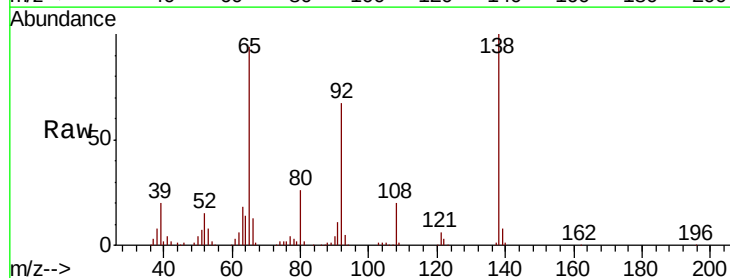
Instrument :
 BNA_F
 ClientSampleId :

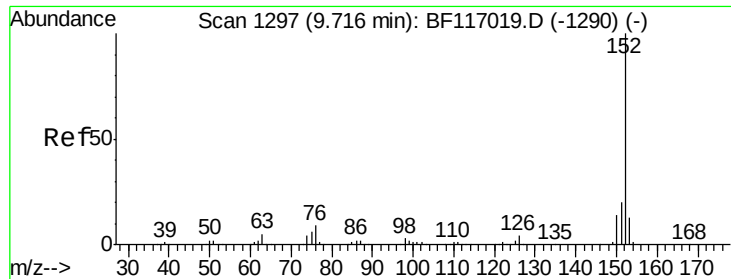
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	34.1	51.1
164	32.0	25.9	38.9



#48
 2-Nitroaniline
 Concen: 39.319 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	57.5	86.3
138	106.1	90.6	136.0





#49

Acenaphthylene

Concen: 38.398 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampled :

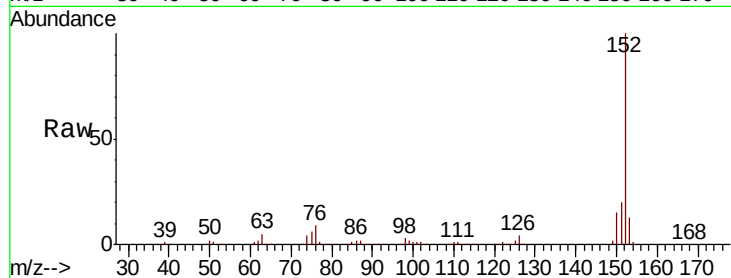
Tot Ion:152 Resp: 588883

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

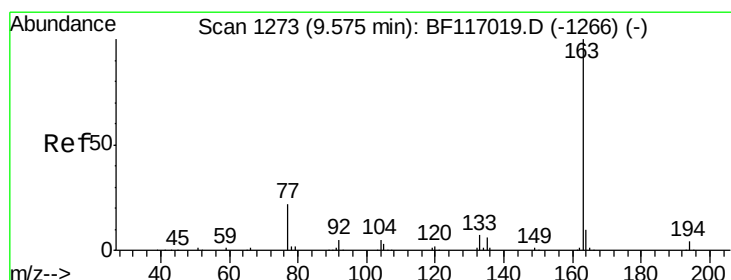
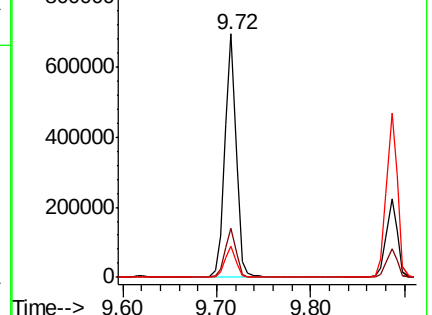
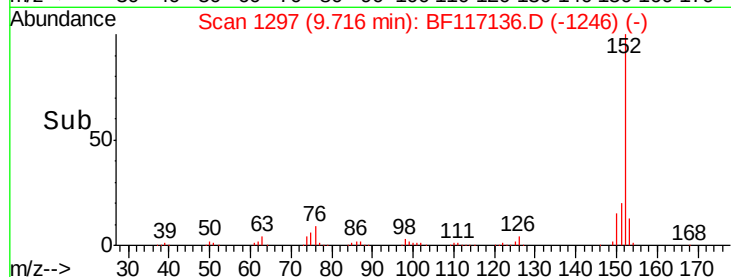
153 12.9 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.051 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

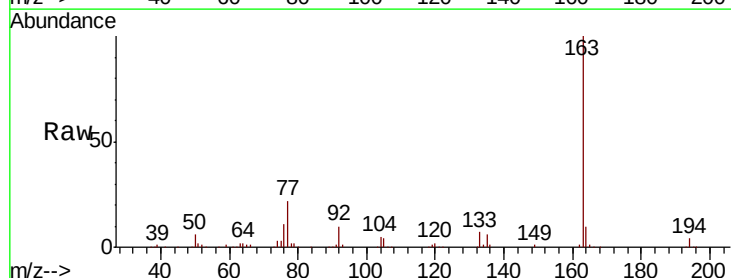
Tgt Ion:163 Resp: 445543

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

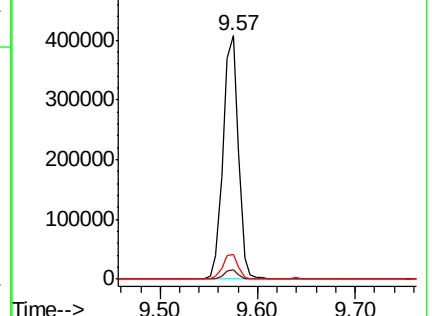
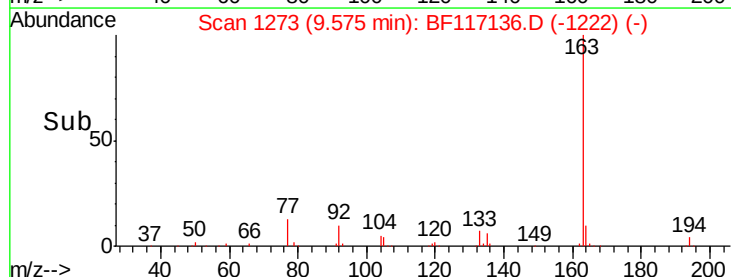
164 10.0 8.2 12.4

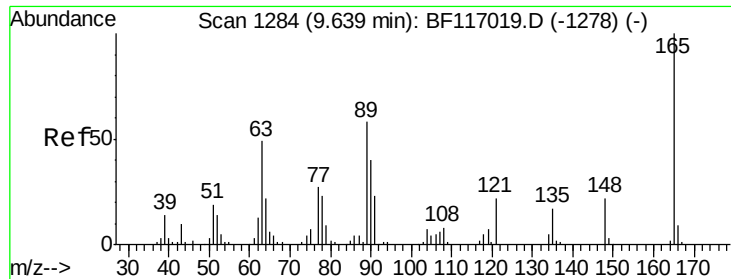


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.639 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :
BNA_F
ClientSampled :

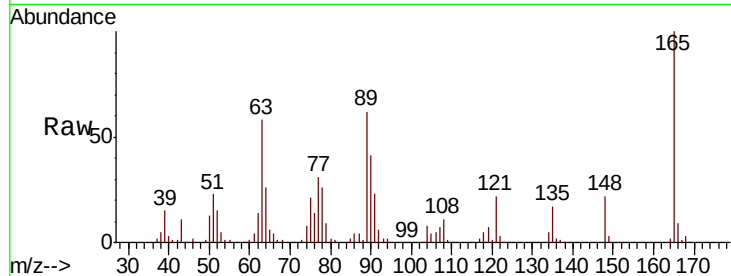
Tot Ion:165 Resp: 94530

Ion Ratio Lower Upper

165 100

63 58.1 41.8 62.8

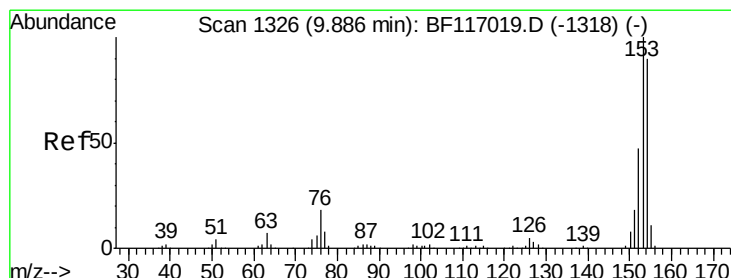
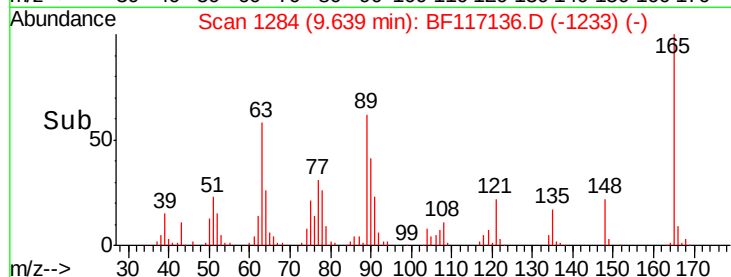
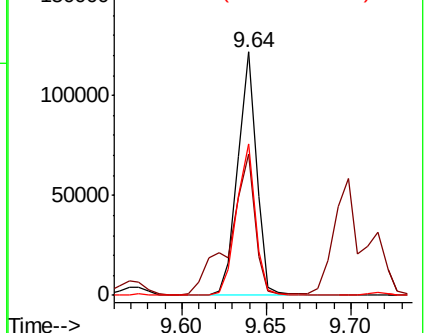
89 62.1 46.5 69.7



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: 37.864 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

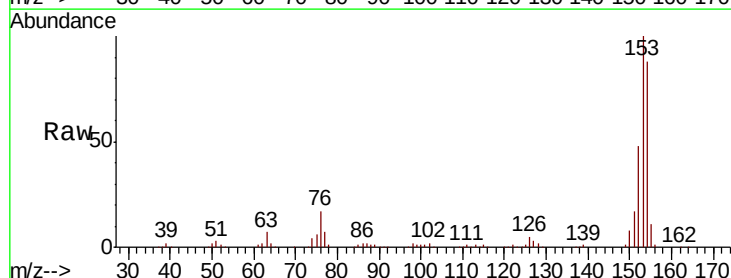
Tgt Ion:154 Resp: 344228

Ion Ratio Lower Upper

154 100

153 113.1 89.0 133.6

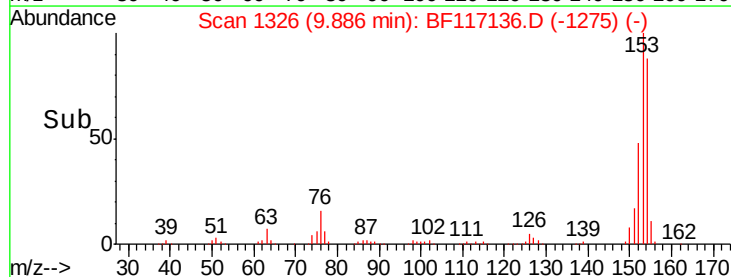
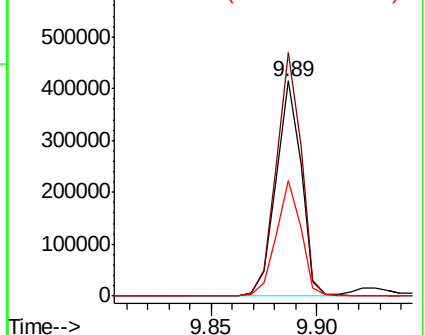
152 53.8 41.9 62.9

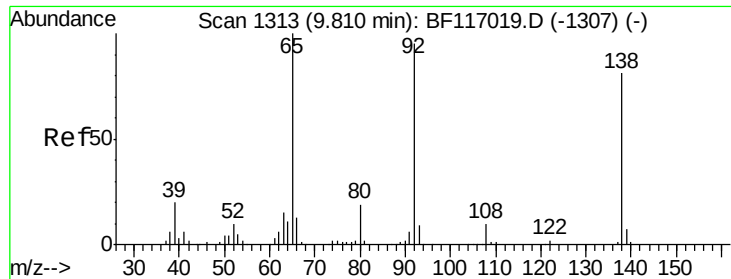


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

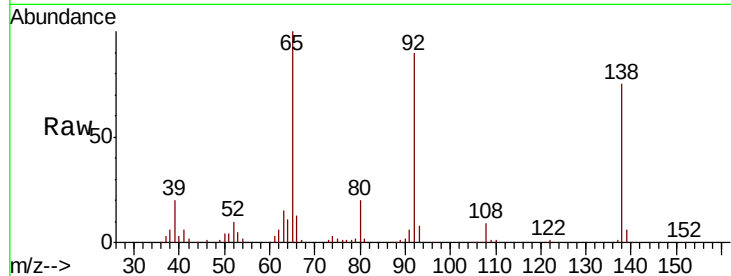




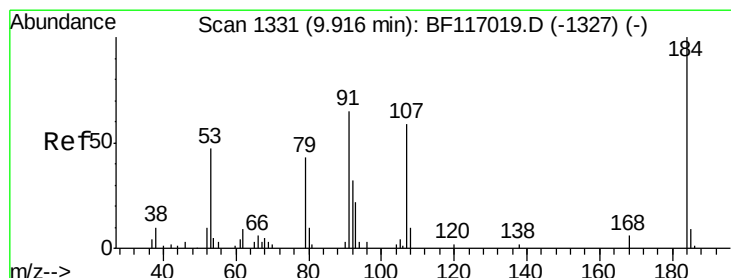
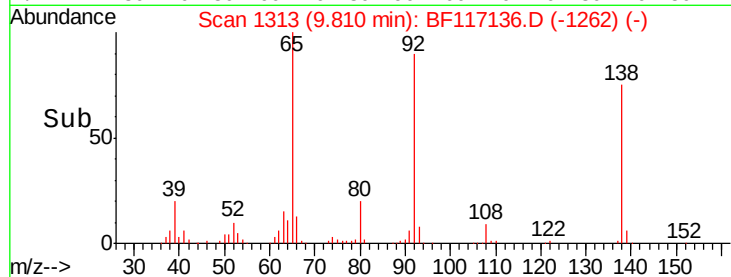
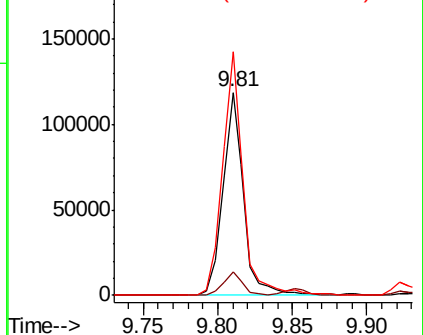
#53
3-Nitroaniline
Concen: 38.368 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 115444
Ion Ratio Lower Upper
138 100
108 11.5 9.5 14.3
92 119.9 94.1 141.1

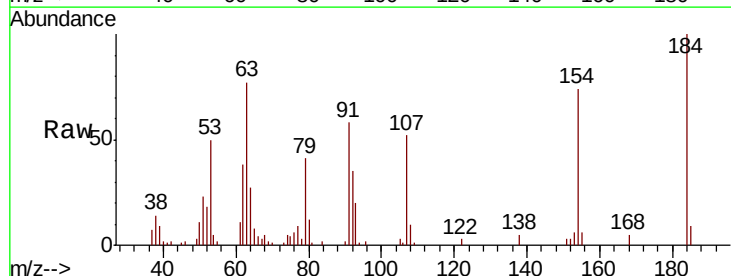


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

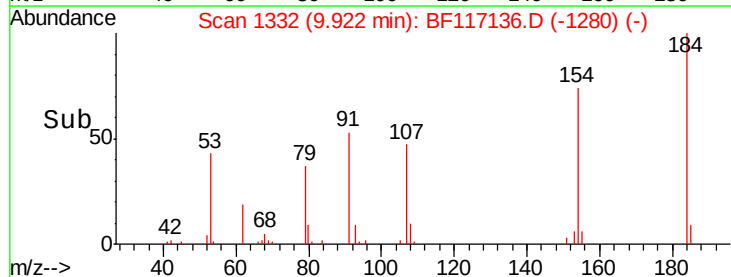
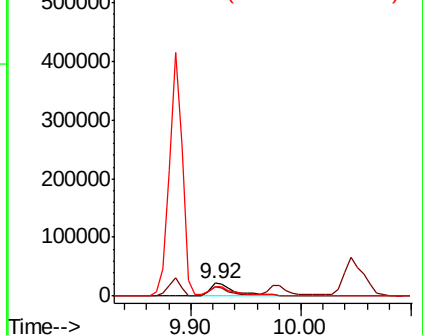


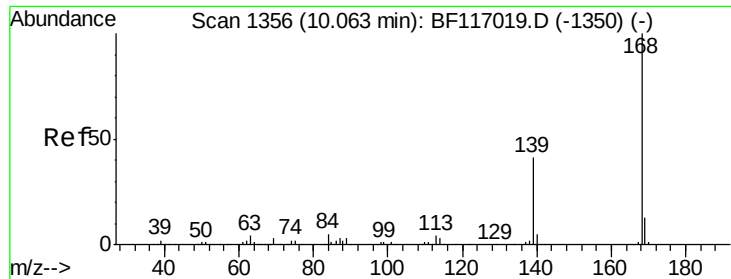
#54
2,4-Dinitrophenol
Concen: 39.896 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion:184 Resp: 35738
Ion Ratio Lower Upper
184 100
63 77.4 63.8 95.6
154 74.3 60.4 90.6



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

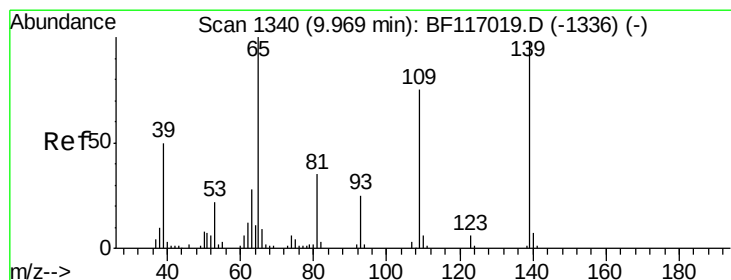
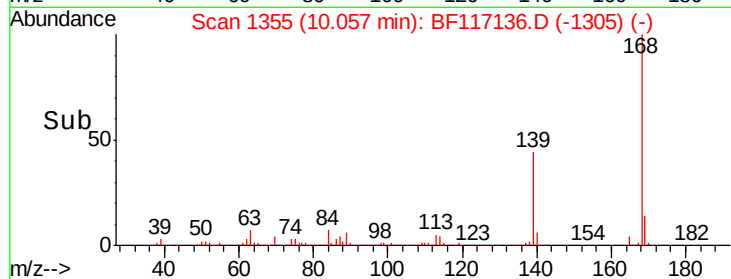
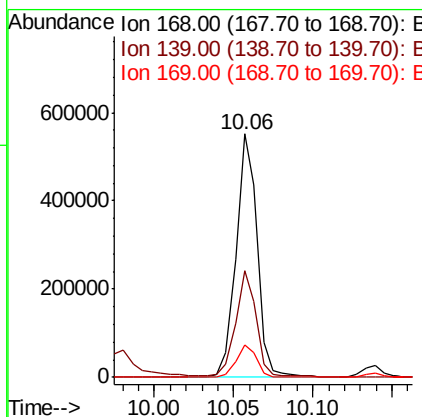
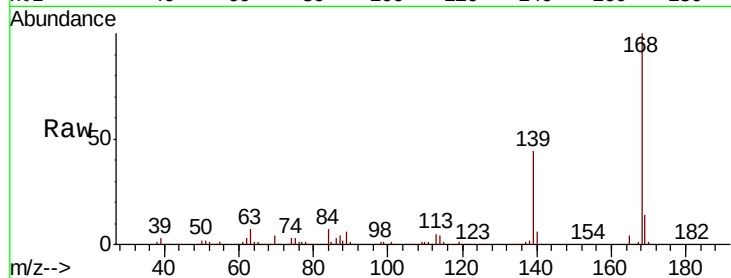




#55
Dibenzofuran
Concen: 37.889 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

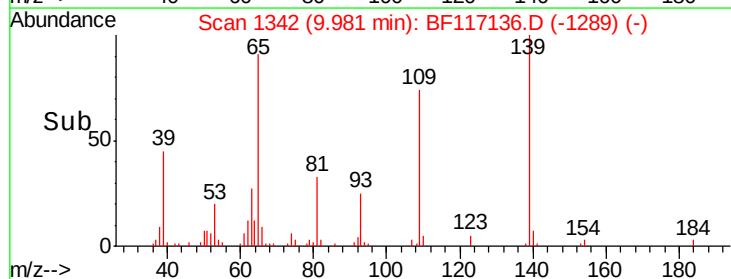
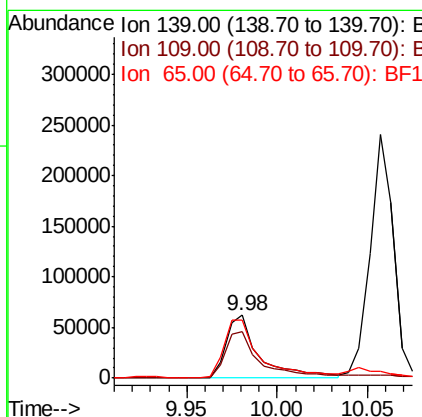
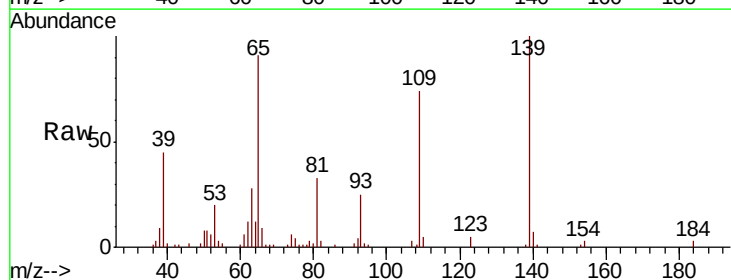
Instrument :
BNA_F
ClientSampleId :

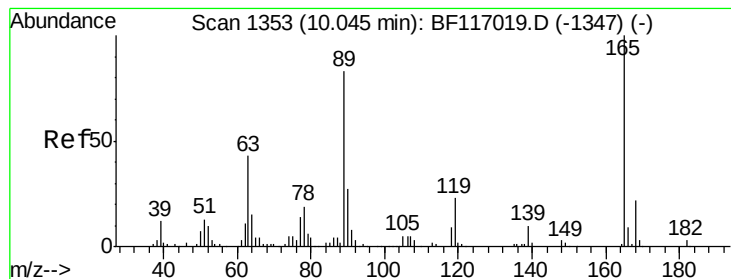
Tot Ion	Ratio	Lower	Upper
168	100		
139	43.6	32.8	49.2
169	13.5	10.5	15.7



#56
4-Nitrophenol
Concen: 41.070 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.4	96.4
65	91.0	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 41.016 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 126967

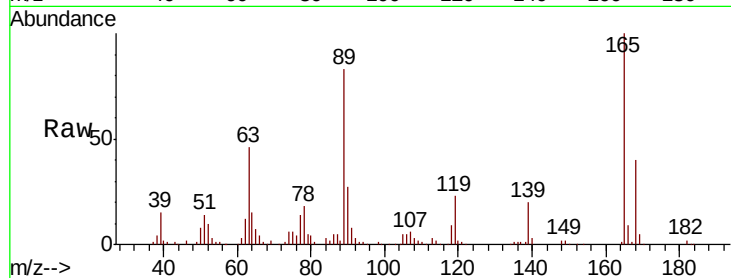
Ion Ratio Lower Upper

165 100

63 45.9 35.0 52.4

89 82.6 66.1 99.1

182 2.2 2.0 3.0

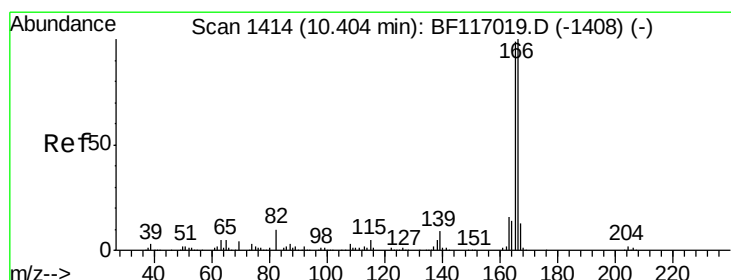
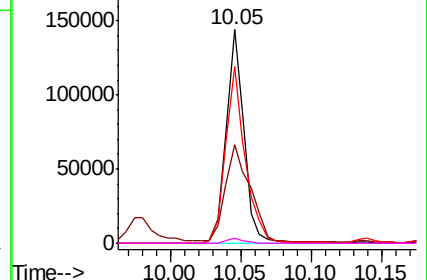
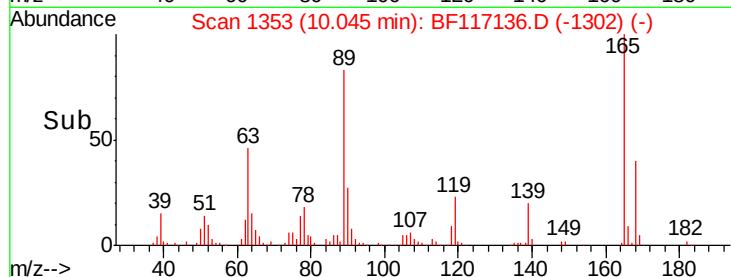


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.563 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

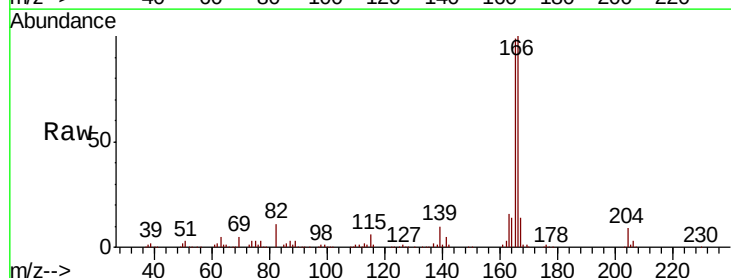
Tgt Ion:166 Resp: 416670

Ion Ratio Lower Upper

166 100

165 99.0 78.9 118.3

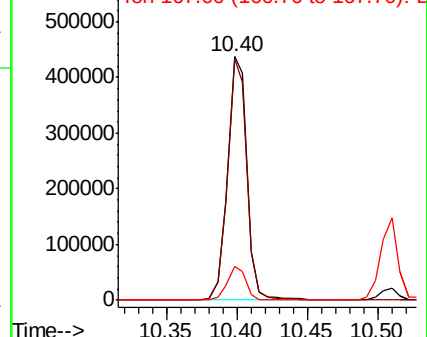
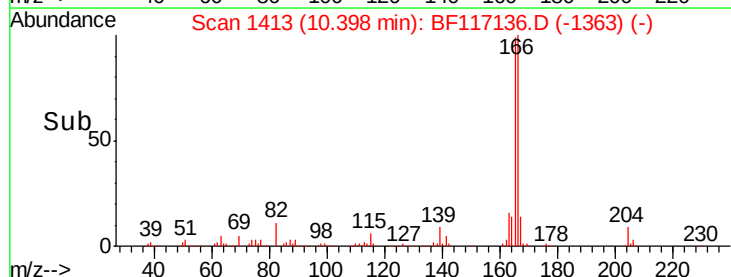
167 13.7 10.6 15.8

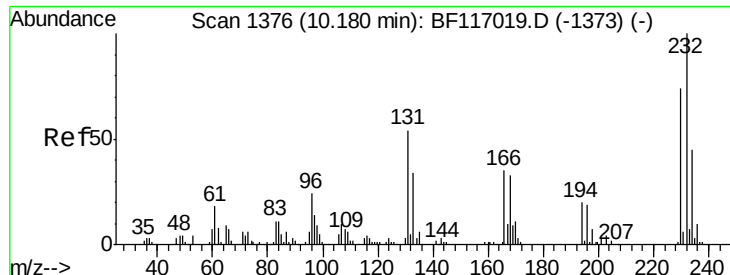


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

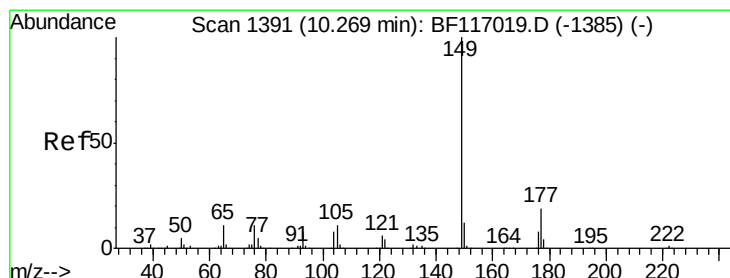
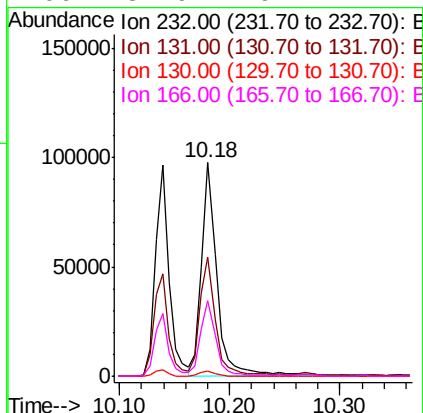
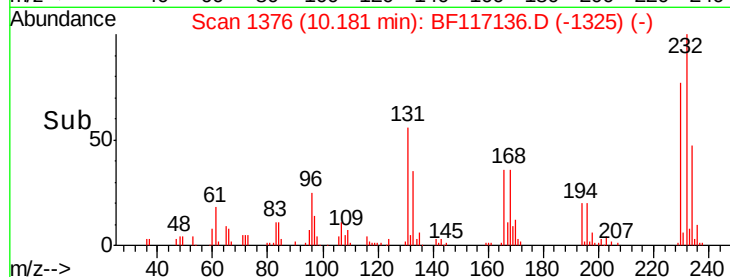
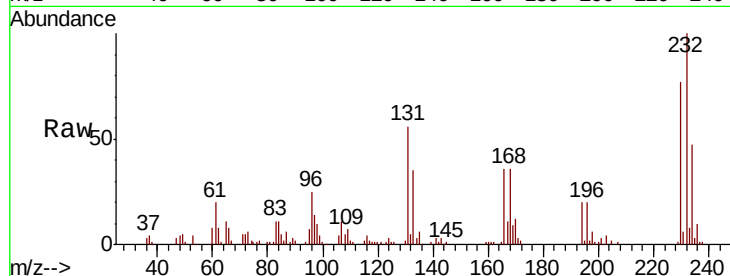




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.233 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

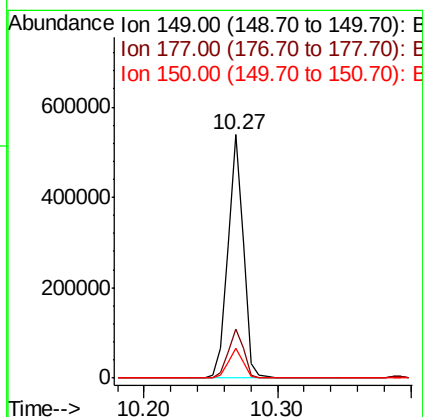
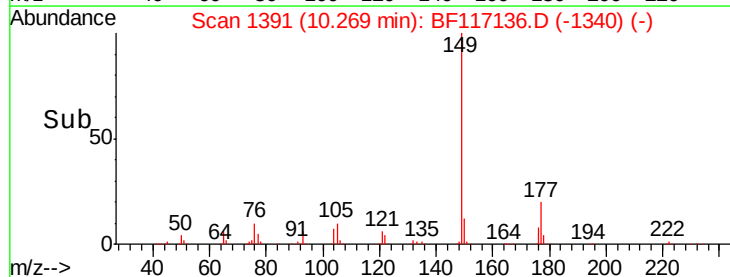
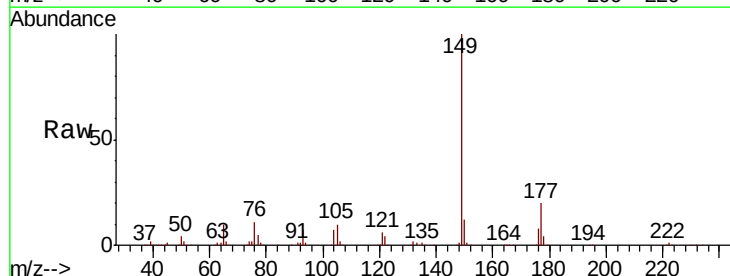
Instrument :
 BNA_F
 ClientSampled :

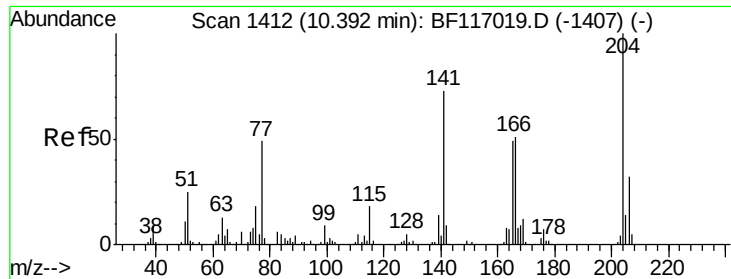
Tot Ion	Ratio	Lower	Upper
232	100		
131	58.4	45.3	67.9
130	2.5	1.8	2.8
166	34.9	29.4	44.2



#60
 Diethylphthalate
 Concen: 38.398 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	15.2	22.8
150	12.1	9.9	14.9

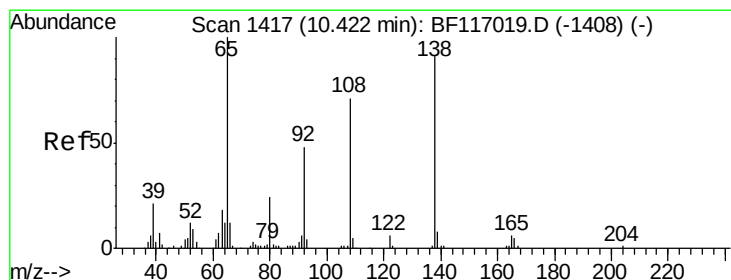
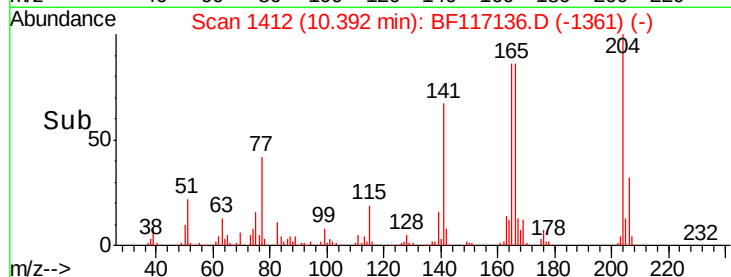
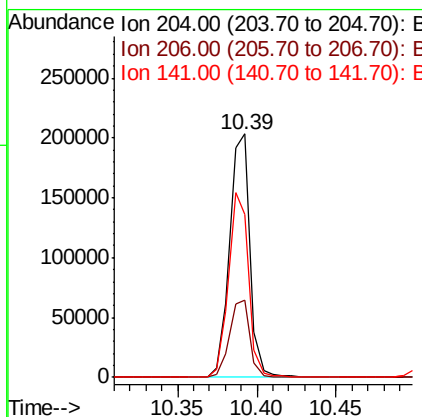
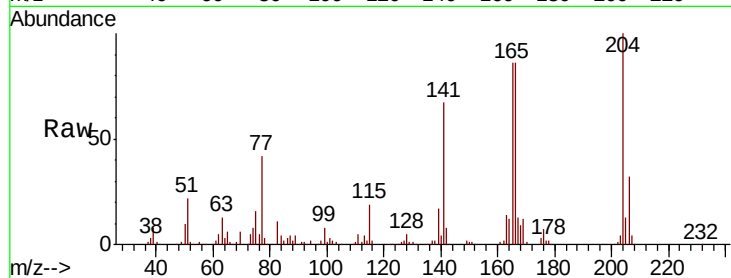




#61
4-Chlorophenyl-phenylether
Concen: 38.911 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

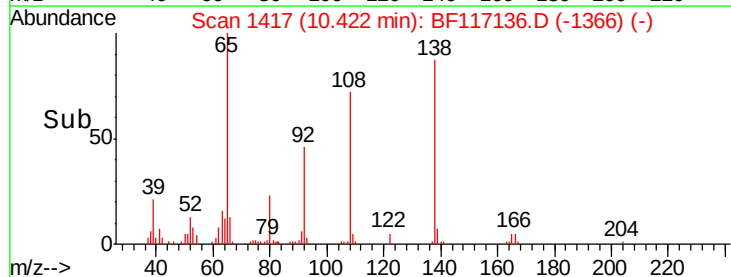
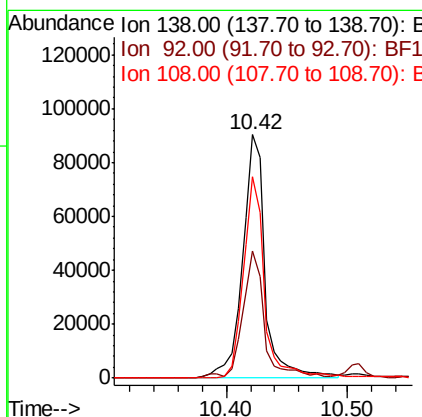
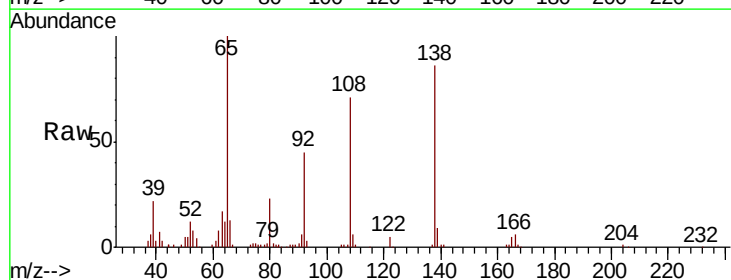
Instrument :
BNA_F
ClientSampled :

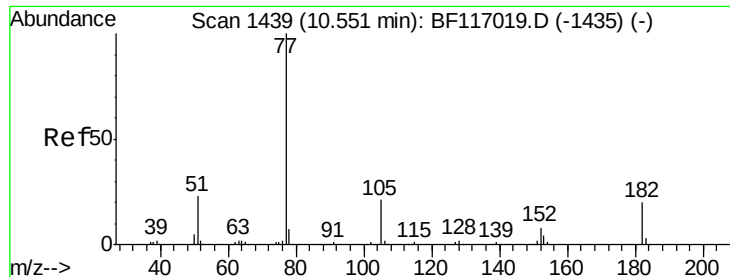
Tot Ion:204 Resp: 181904
Ion Ratio Lower Upper
204 100
206 31.8 26.0 39.0
141 67.1 58.2 87.2



#62
4-Nitroaniline
Concen: 37.627 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion:138 Resp: 117737
Ion Ratio Lower Upper
138 100
92 52.3 32.9 72.9
108 82.6 58.3 98.3





#63

Azobenzene

Concen: 37.690 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 443441

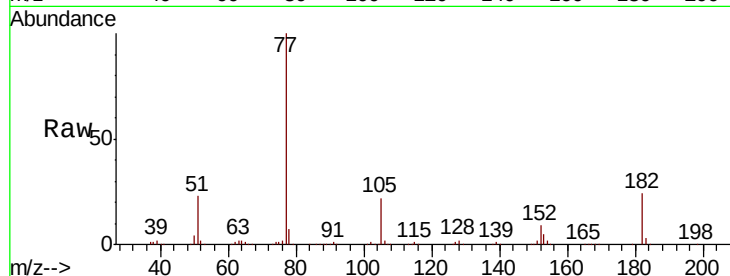
Ion Ratio Lower Upper

77 100

182 23.6 0.4 40.4

105 22.3 0.9 40.9

51 23.2 2.8 42.8

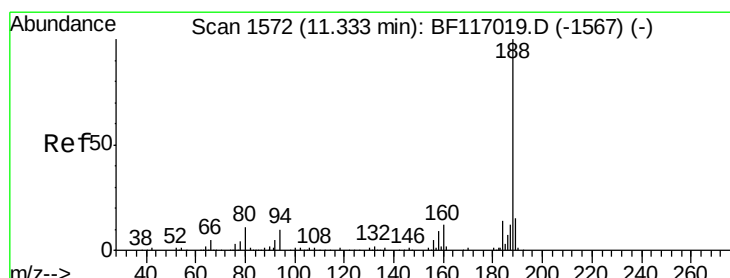
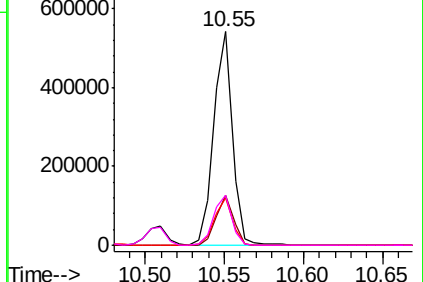
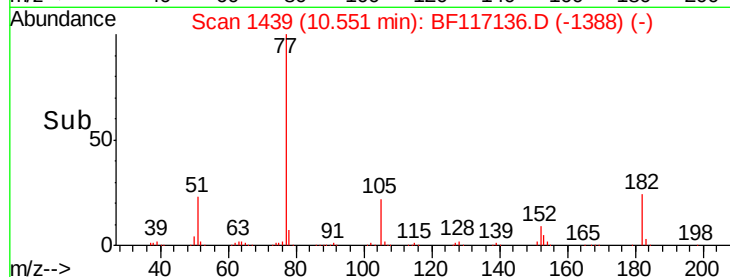


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

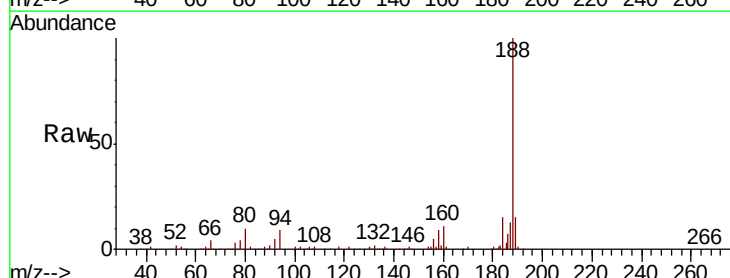
Tgt Ion: 188 Resp: 269898

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

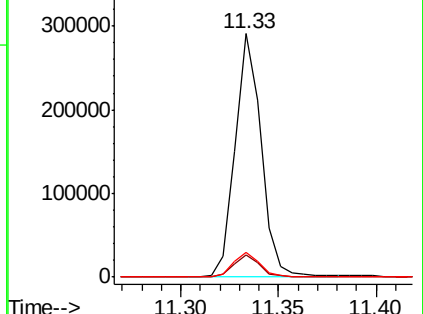
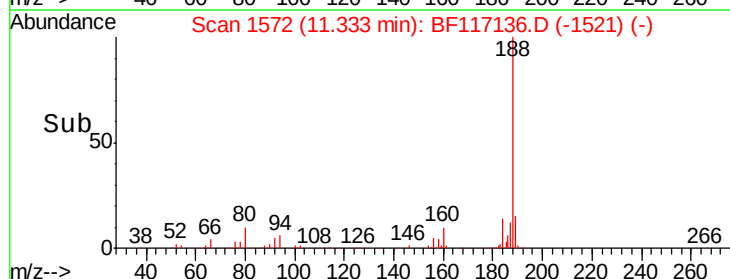
80 10.4 9.0 13.6

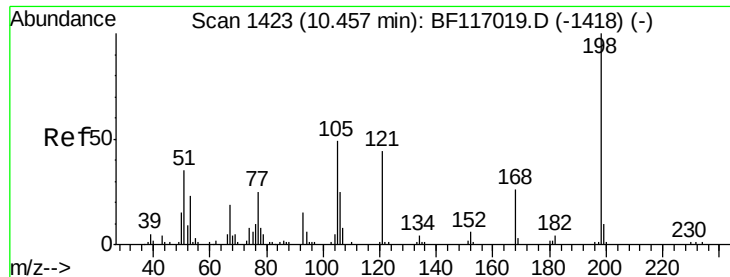


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

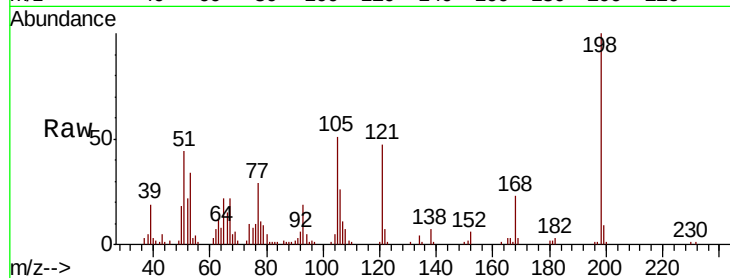




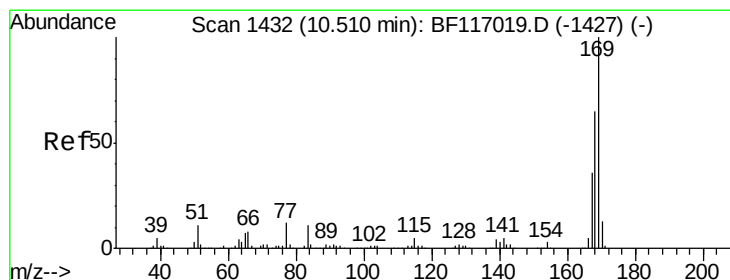
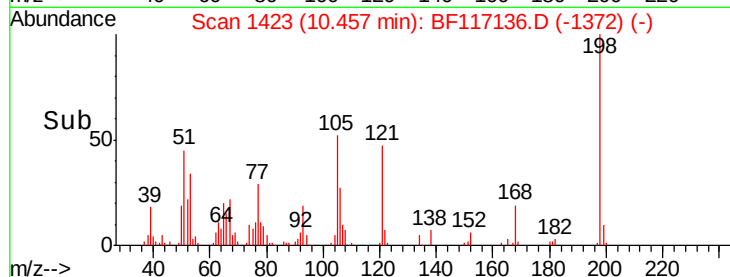
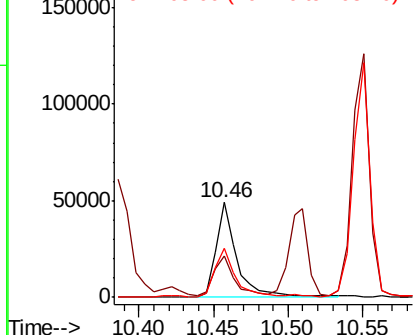
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.137 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 47735
 Ion Ratio Lower Upper
 198 100
 51 44.0 18.7 58.7
 105 51.4 30.2 70.2

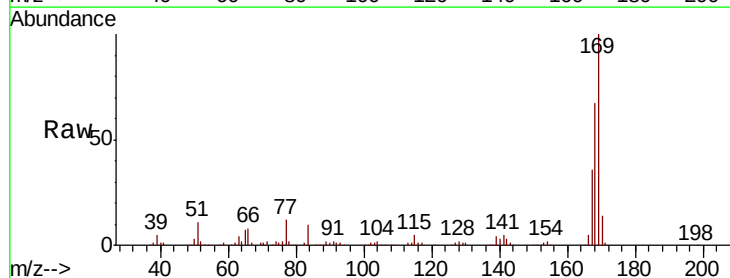


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

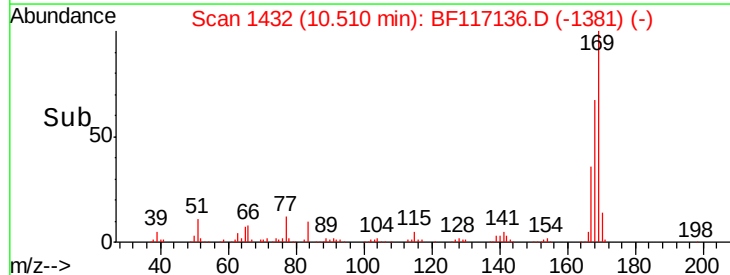
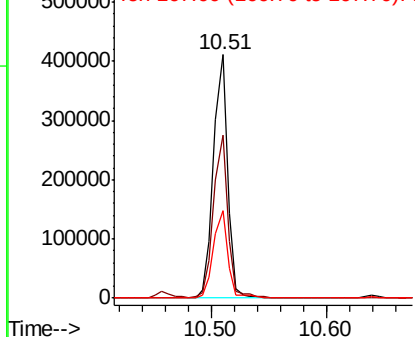


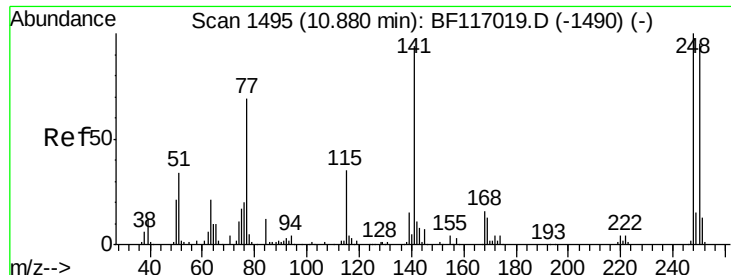
#66
 n-Nitrosodiphenylamine
 Concen: 37.845 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion:169 Resp: 352763
 Ion Ratio Lower Upper
 169 100
 168 66.9 52.2 78.2
 167 35.7 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

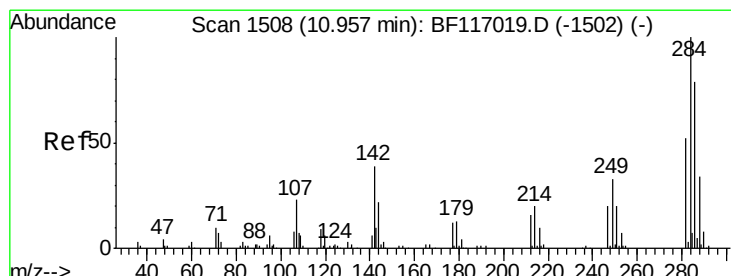
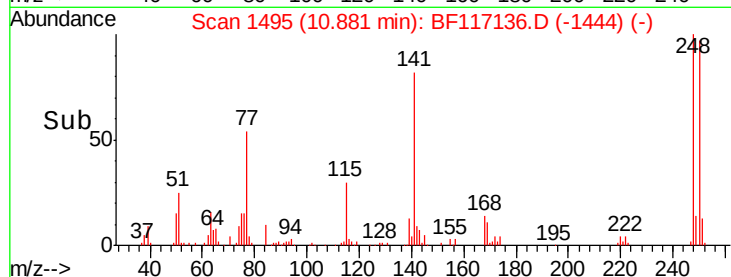
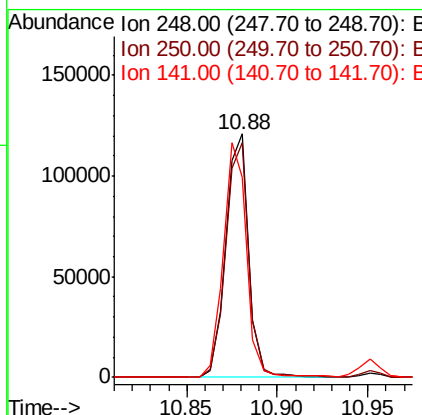
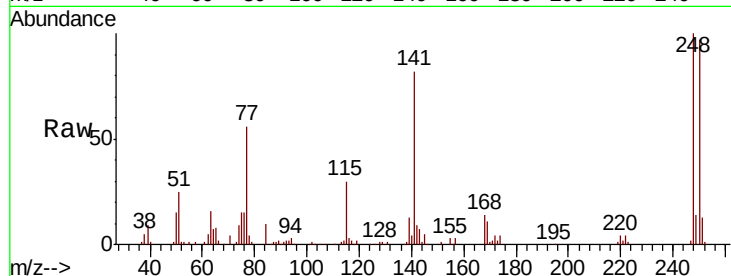




#67
 4-Bromophenyl-phenylether
 Concen: 38.652 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

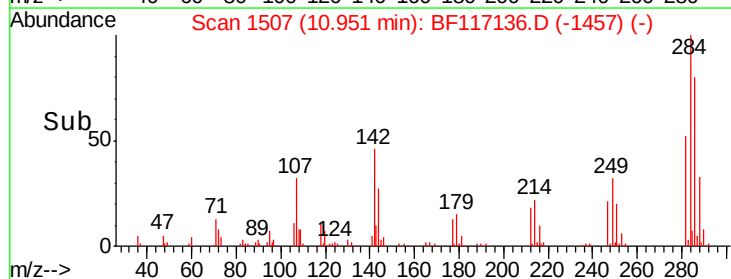
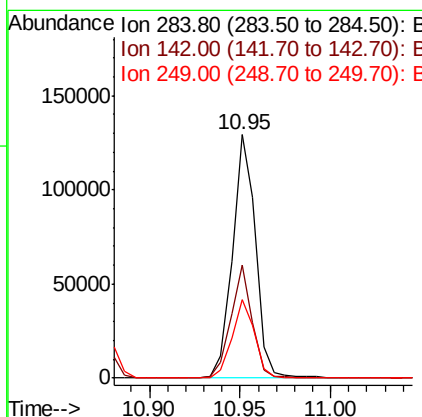
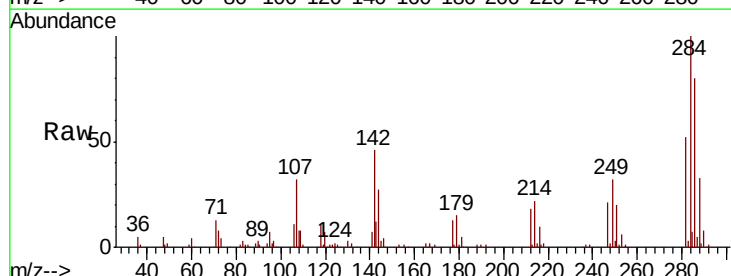
Instrument :
 BNA_F
 ClientSampleId :

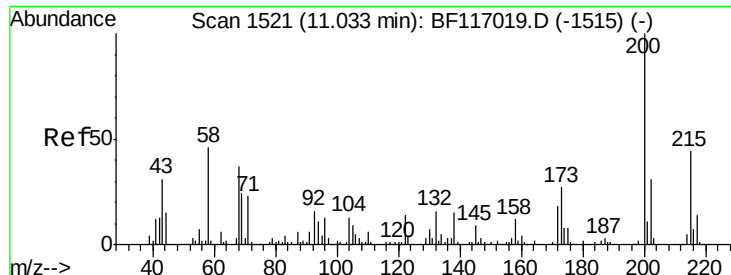
Tot Ion:248 Resp: 106537
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.2 114.4
 141 82.1 75.0 112.4



#68
 Hexachlorobenzene
 Concen: 38.059 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion:284 Resp: 114737
 Ion Ratio Lower Upper
 284 100
 142 46.2 31.4 47.2
 249 32.5 26.5 39.7

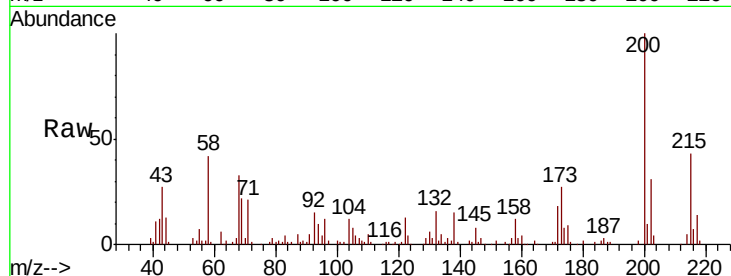




#69
 Atrazine
 Concen: 37.004 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.9	46.9
215	43.3	23.8	63.8

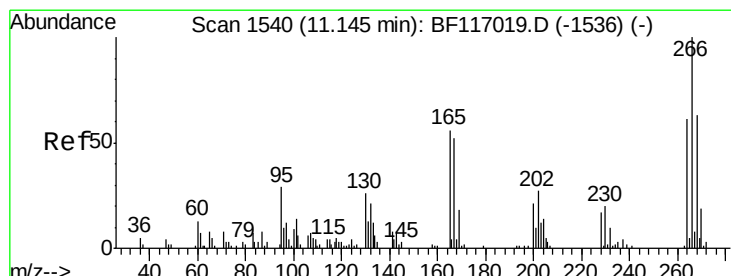
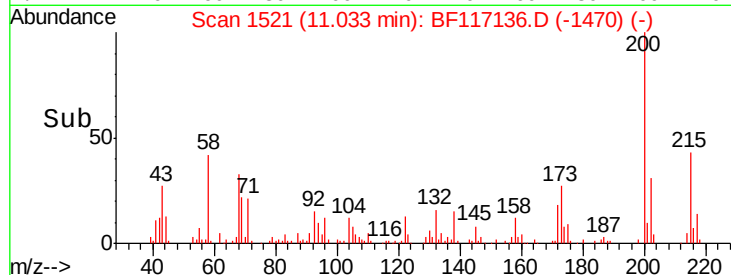
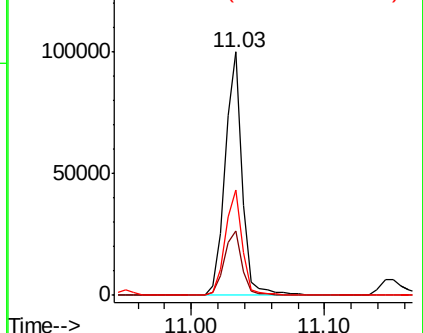


Abundance

Ion 200.00 (199.70 to 200.70): E

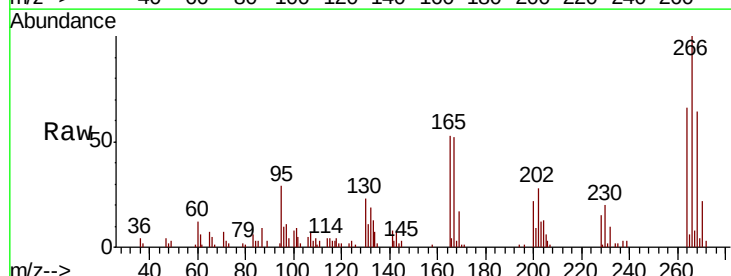
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 33.208 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.5	75.7
264	65.6	48.8	73.2

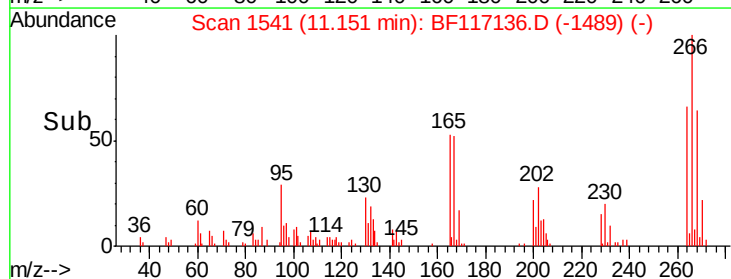
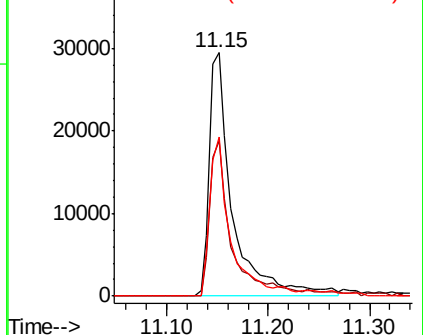


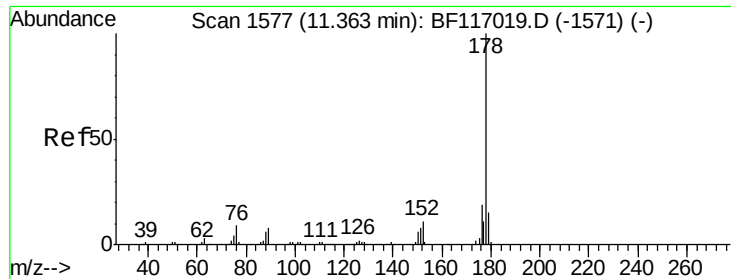
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.377 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

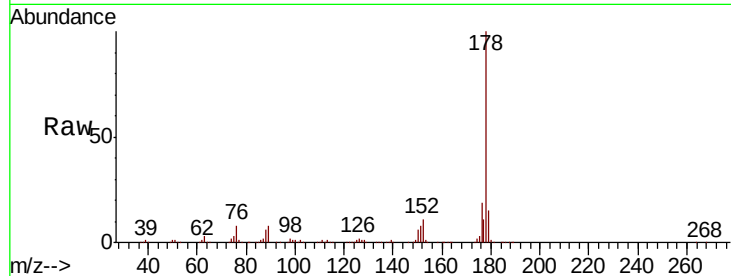
Tot Ion:178 Resp: 572986

Ion Ratio Lower Upper

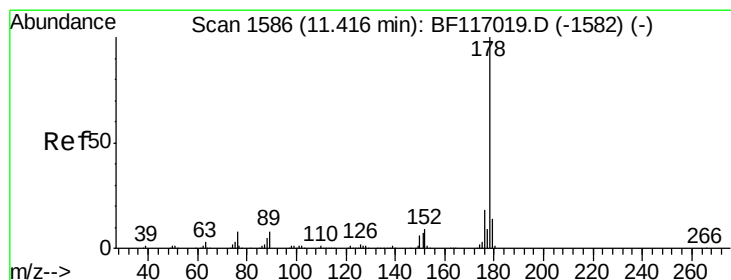
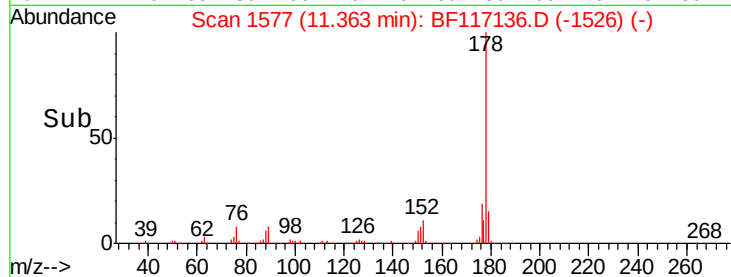
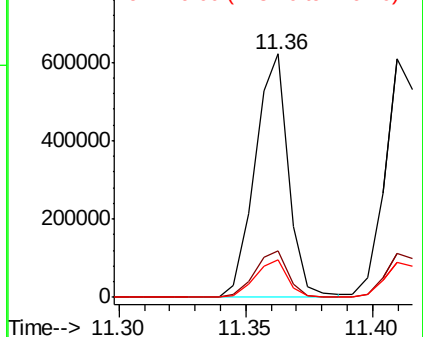
178 100

176 19.2 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: 38.030 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

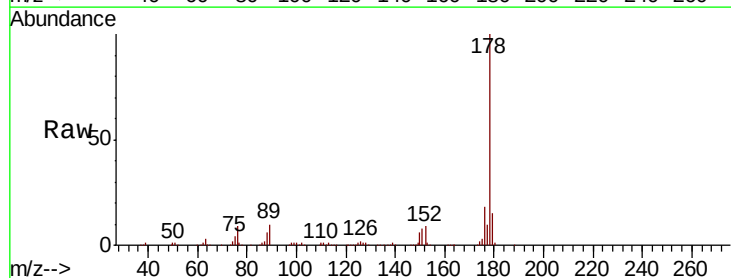
Tgt Ion:178 Resp: 595206

Ion Ratio Lower Upper

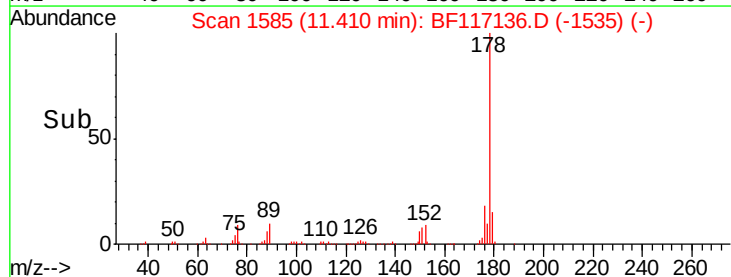
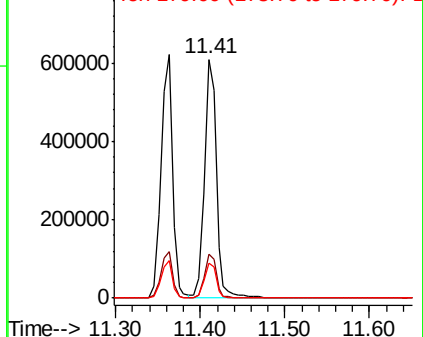
178 100

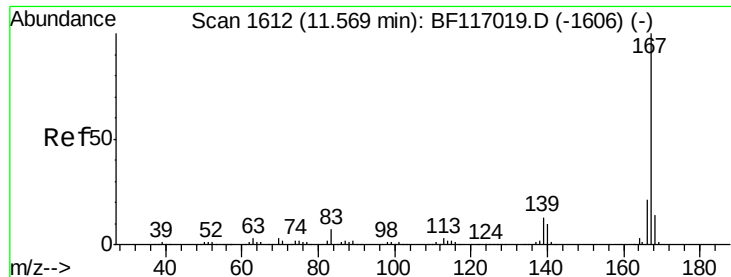
176 18.3 14.6 21.8

179 14.9 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

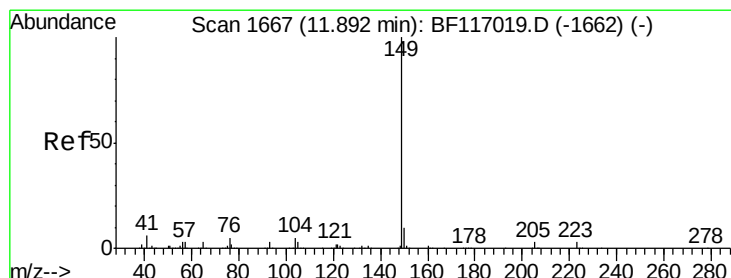
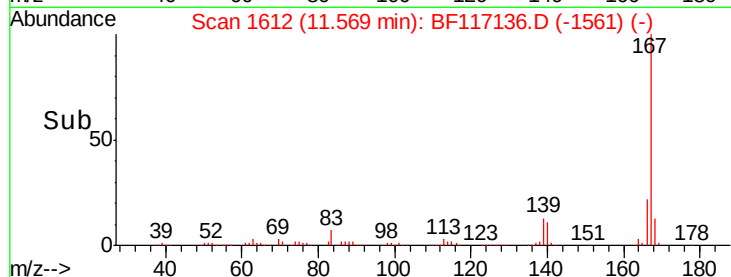
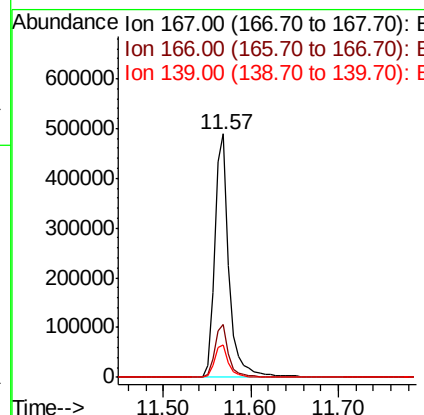
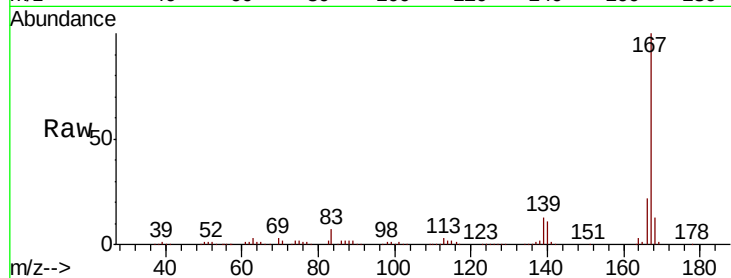




#73
 Carbazole
 Concen: 37.278 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

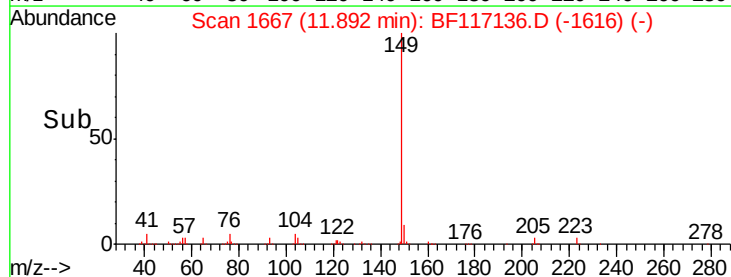
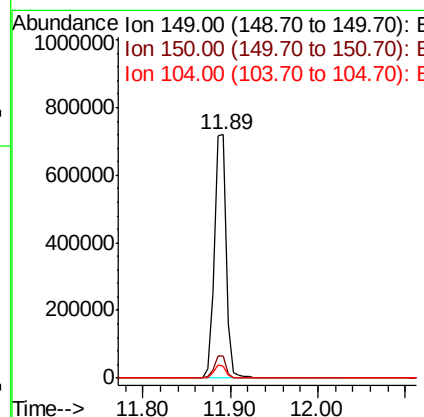
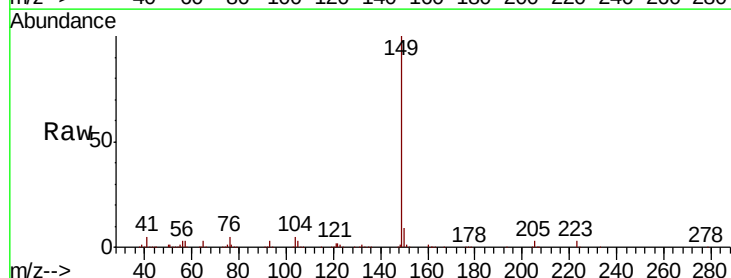
Instrument :
 BNA_F
 ClientSampleId :

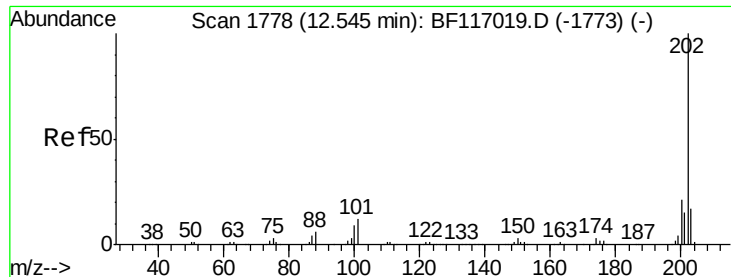
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.4	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 38.437 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.9	4.2	6.4

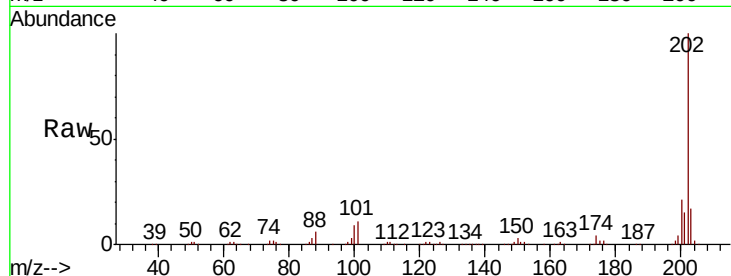




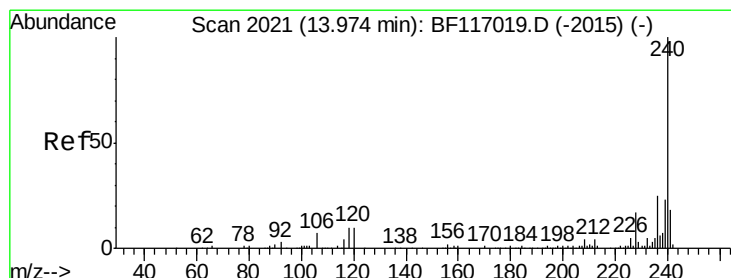
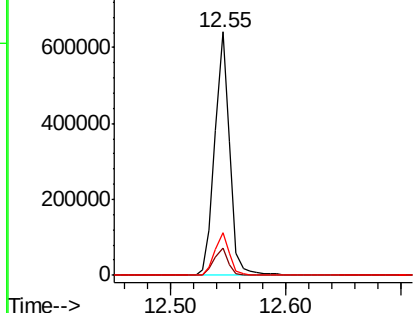
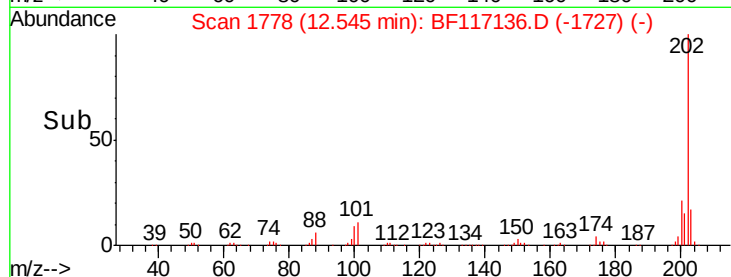
#75
 Fluoranthene
 Concen: 36.613 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.3
203	17.3	0.0	37.1

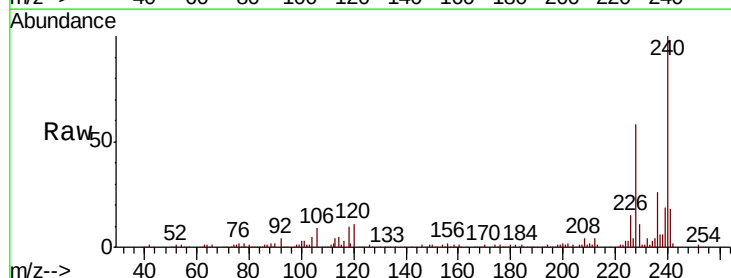


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

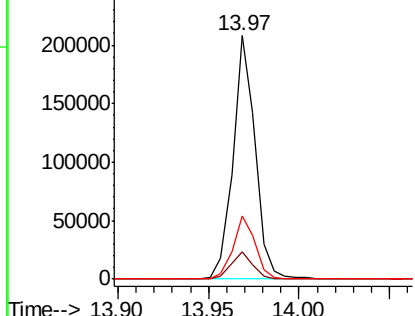
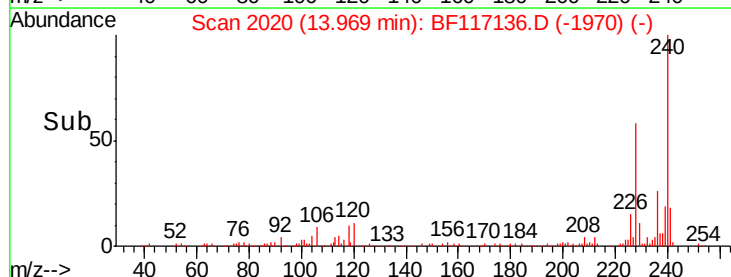


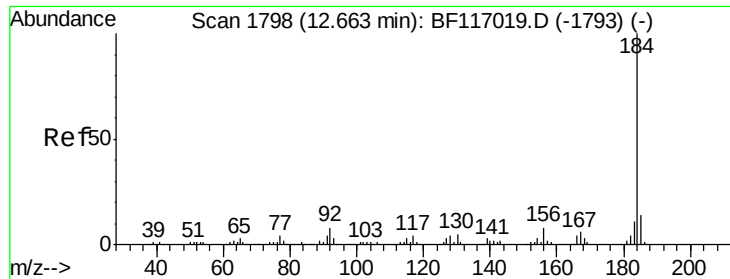
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.8	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: 38.703 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

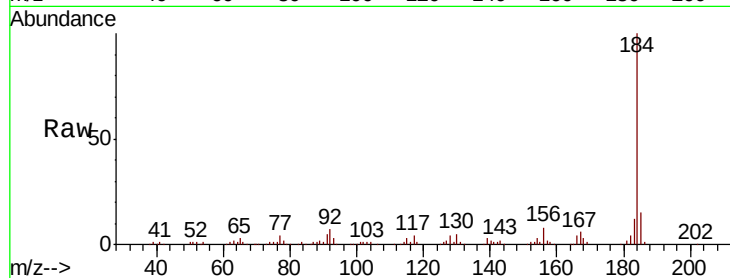
Tot Ion:184 Resp: 221663

Ion Ratio Lower Upper

184 100

185 15.0 11.6 17.4

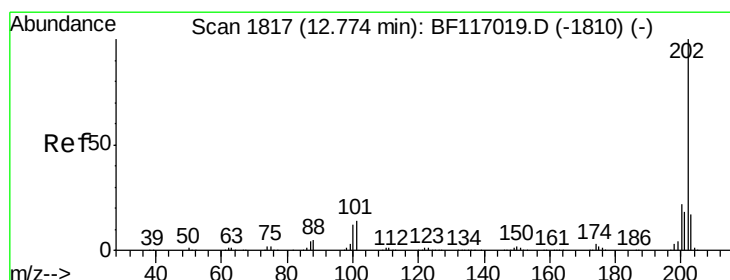
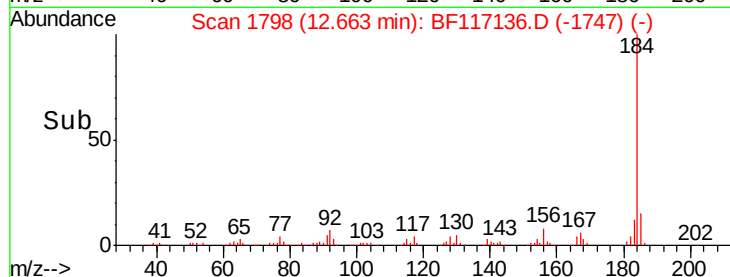
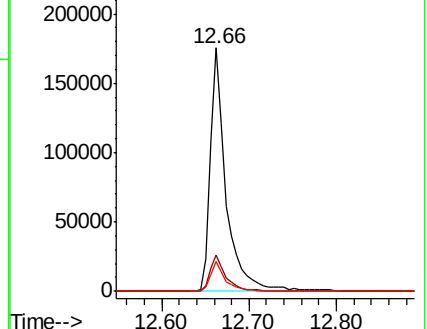
183 12.2 9.0 13.4



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: 38.874 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

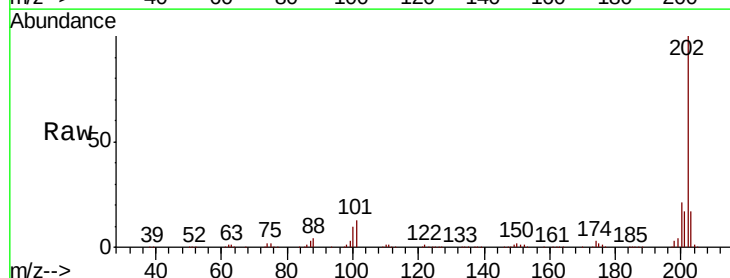
Tgt Ion:202 Resp: 579935

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

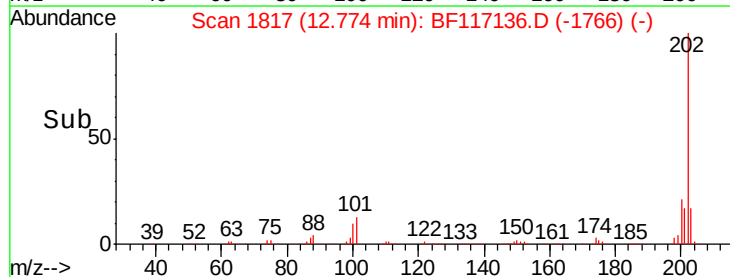
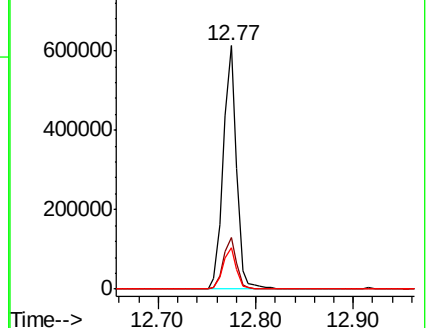
203 16.8 14.0 21.0

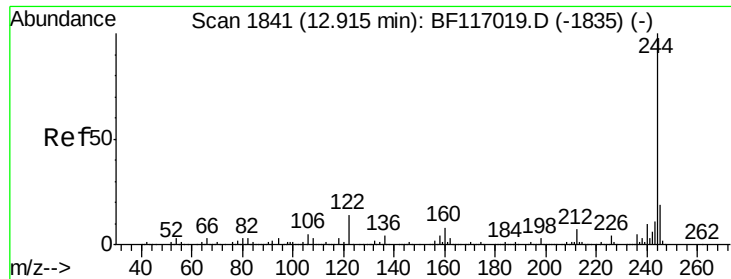


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

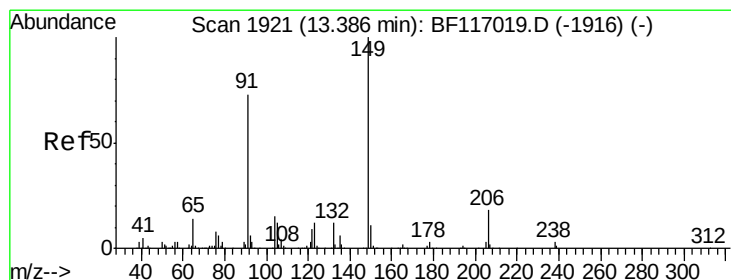
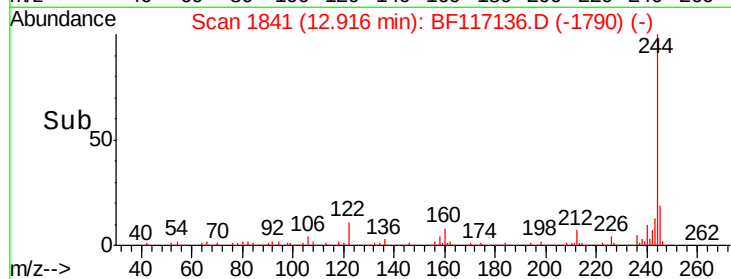
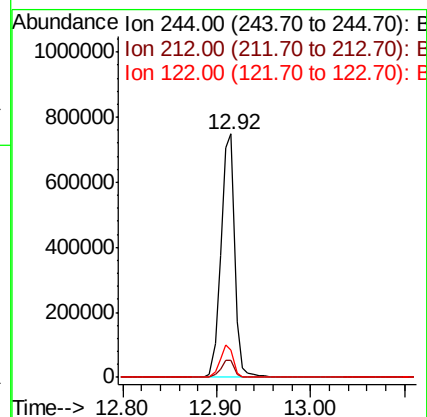
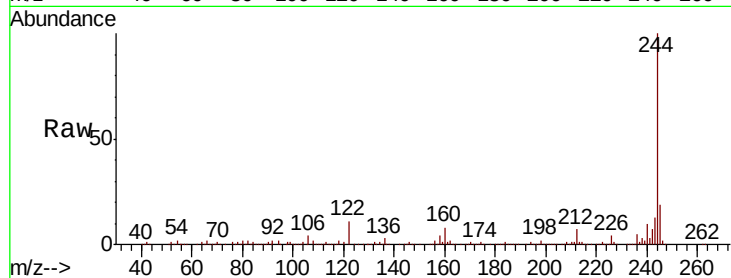




#79
 Terphenyl-d14
 Concen: 81.209 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

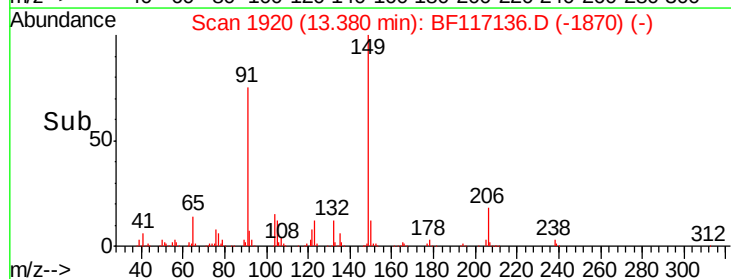
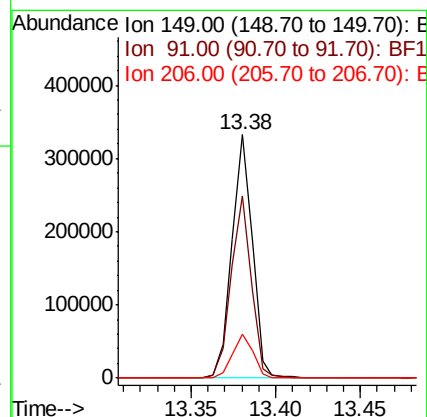
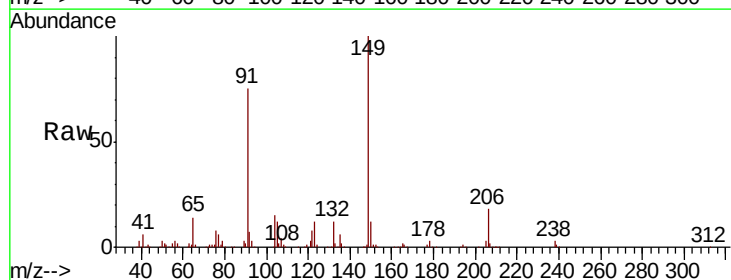
Instrument :
 BNA_F
 ClientSampleId :

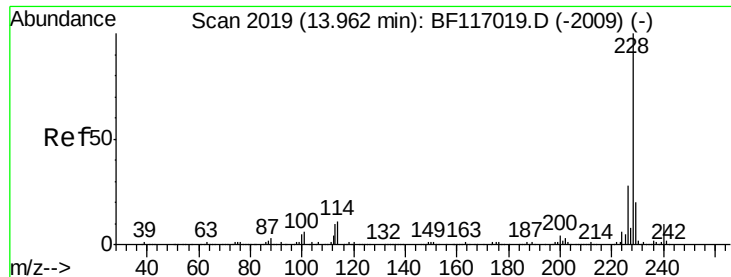
Tot Ion:244 Resp: 772444
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.0 11.3 16.9#



#80
 Butylbenzylphthalate
 Concen: 39.829 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117136.D
 Acq: 18 Sep 2019 9:45

Tgt Ion:149 Resp: 280760
 Ion Ratio Lower Upper
 149 100
 91 74.9 58.8 88.2
 206 18.3 14.1 21.1





#81

Benzo(a)anthracene

Concen: 37.823 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

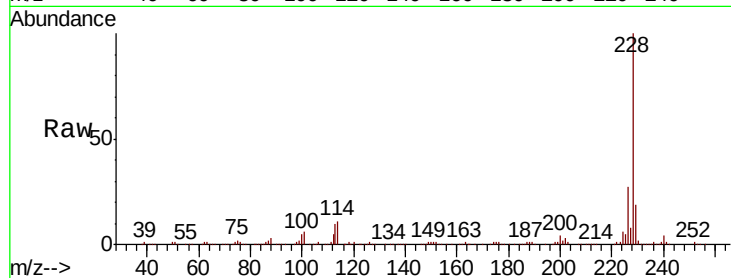
Tot Ion:228 Resp: 449292

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

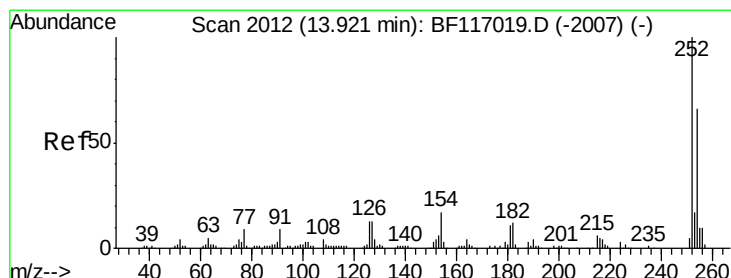
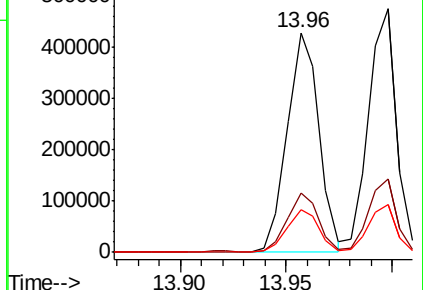
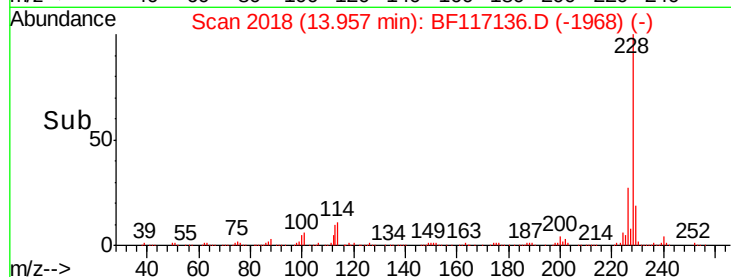
229 19.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.272 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

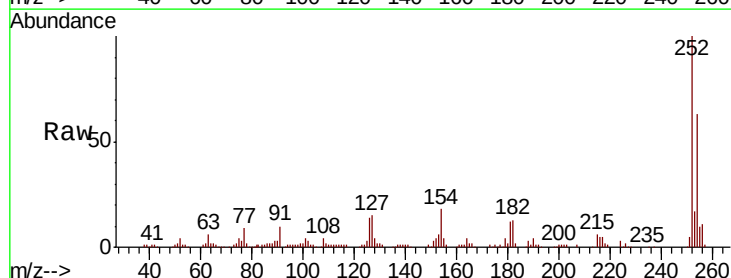
Tgt Ion:252 Resp: 146502

Ion Ratio Lower Upper

252 100

254 63.4 52.6 79.0

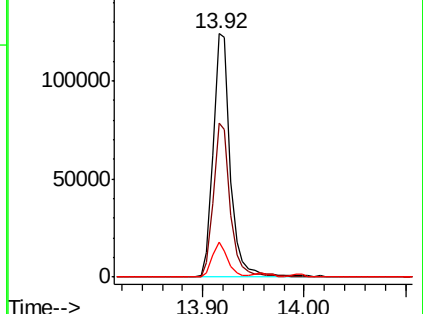
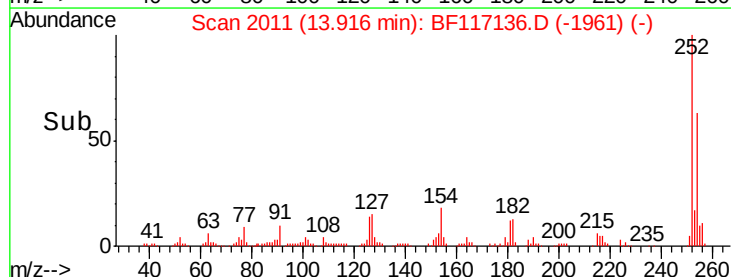
126 14.2 10.4 15.6

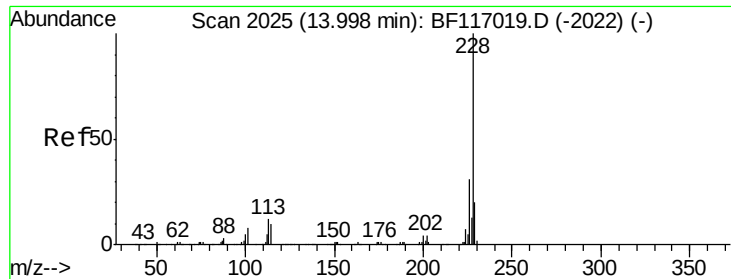


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.533 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

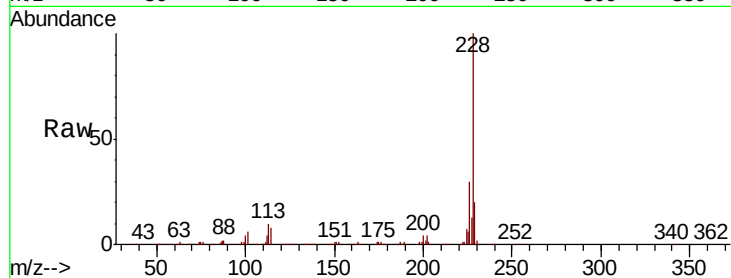
Tot Ion:228 Resp: 446430

Ion Ratio Lower Upper

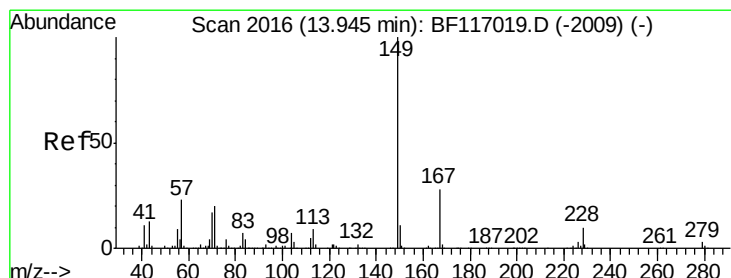
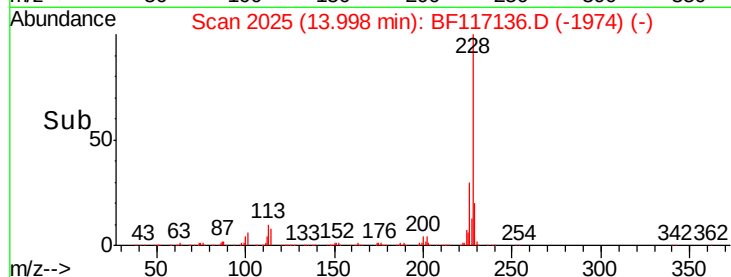
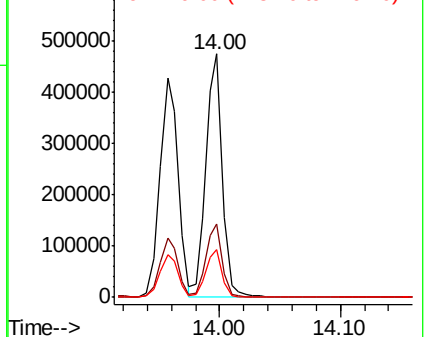
228 100

226 30.1 24.8 37.2

229 19.6 15.8 23.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.810 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

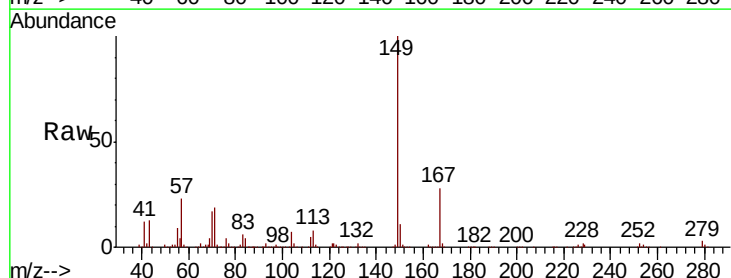
Tgt Ion:149 Resp: 370922

Ion Ratio Lower Upper

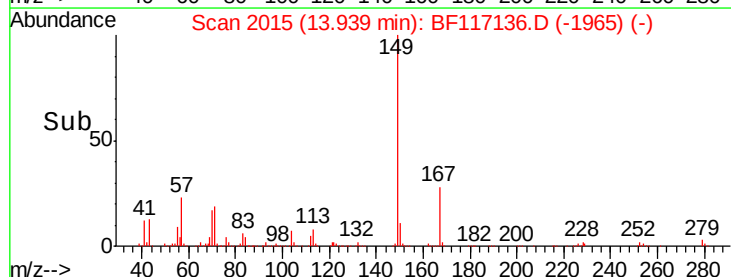
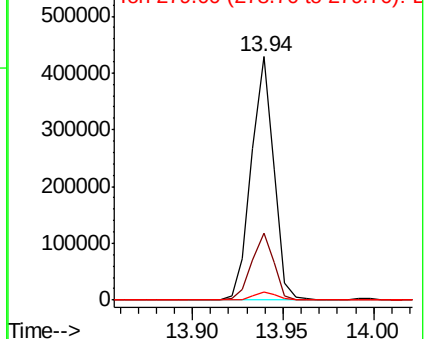
149 100

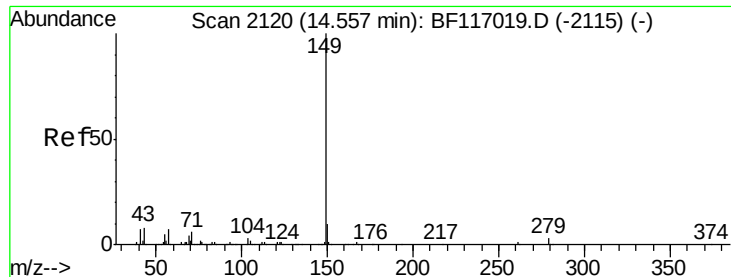
167 27.5 22.2 33.2

279 3.3 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

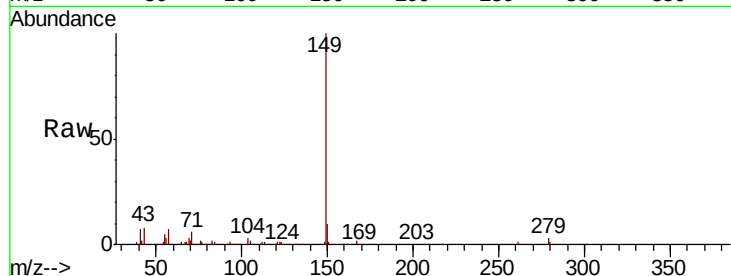




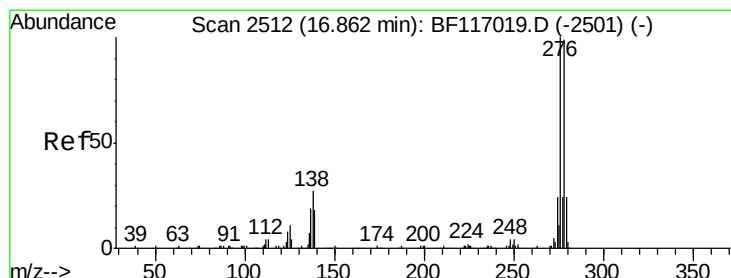
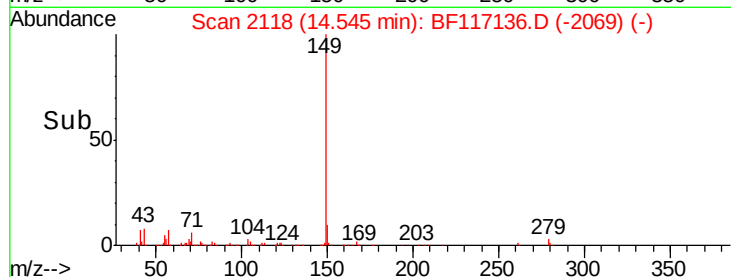
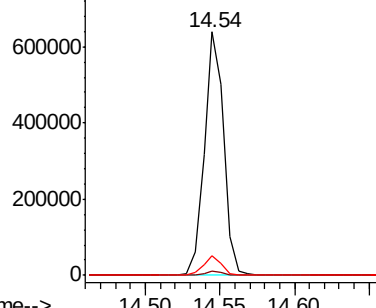
#85
Di-n-octyl phthalate
Concen: 40.739 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.6	6.2	9.4

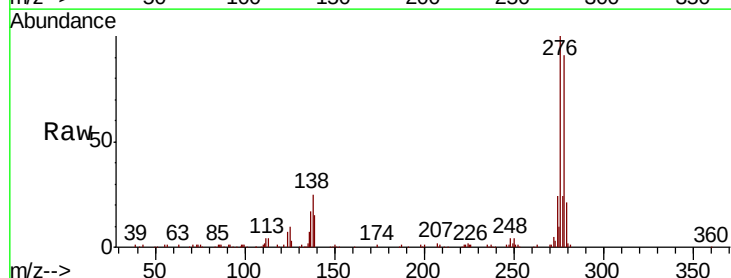


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

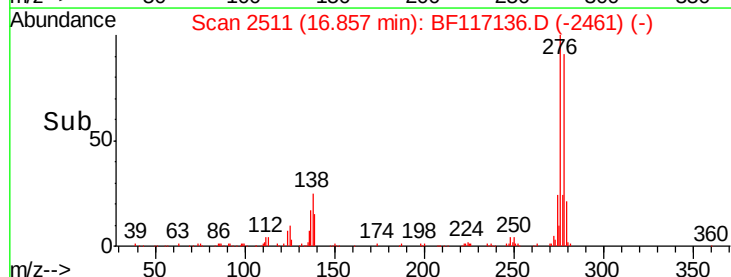
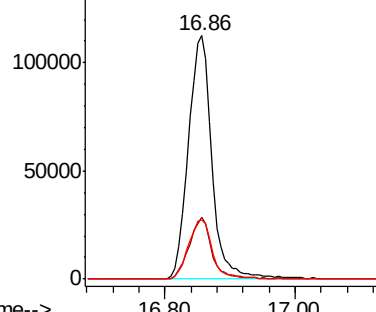


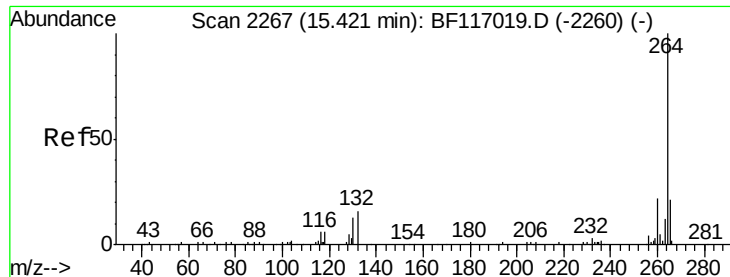
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.434 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.7	31.1
277	24.8	19.8	29.8



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



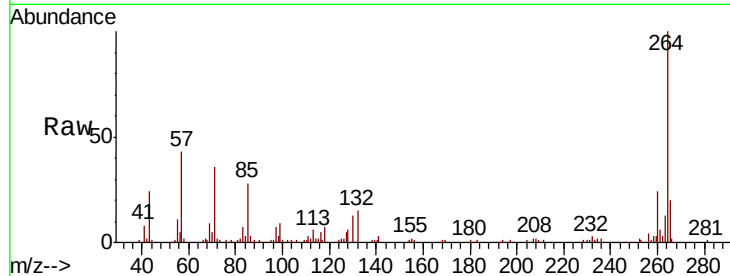


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

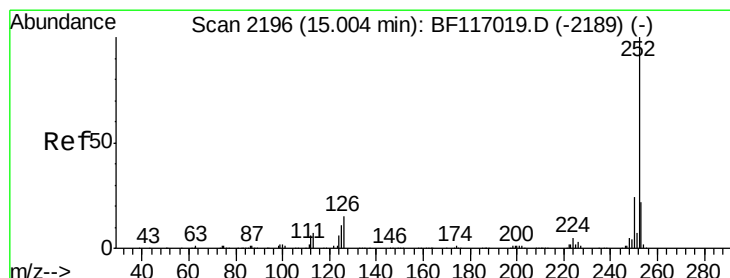
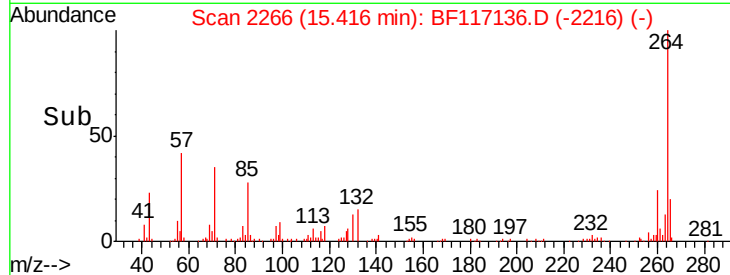
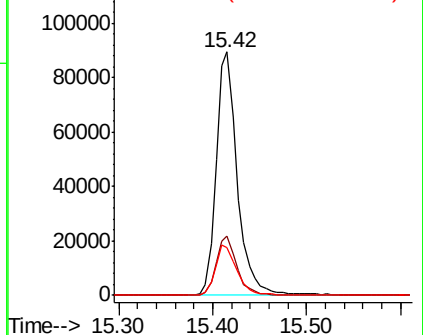
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 140709

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.6	26.4
265	19.8	16.6	24.8



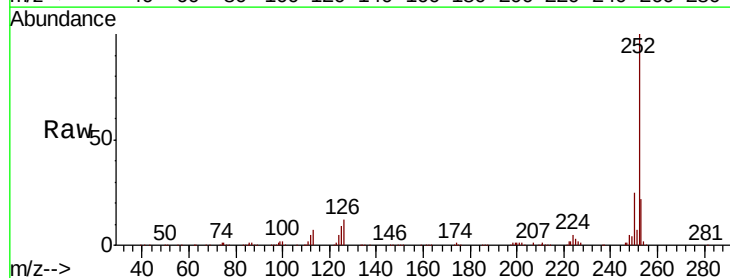
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



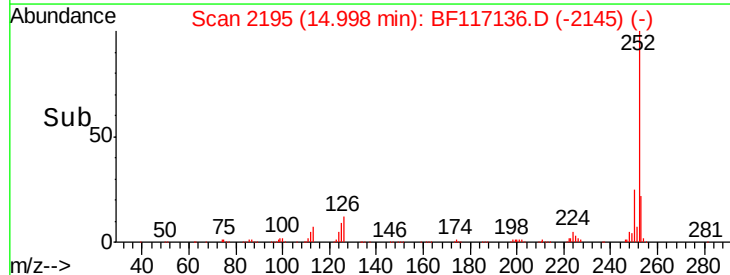
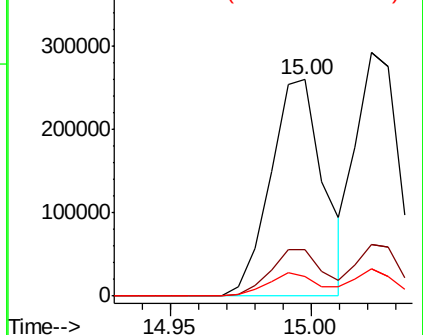
#88
Benzo(b)fluoranthene
Concen: 39.826 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

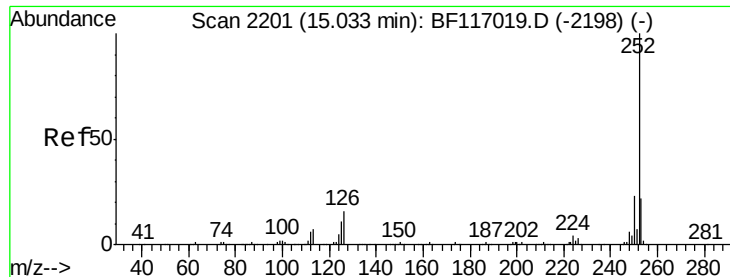
Tgt Ion:252 Resp: 339444

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.1	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: 39.150 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

Instrument :

BNA_F

ClientSampleId :

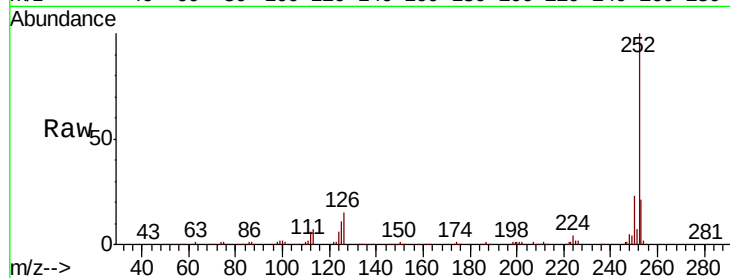
Tot Ion:252 Resp: 316093

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 11.2 8.8 13.2

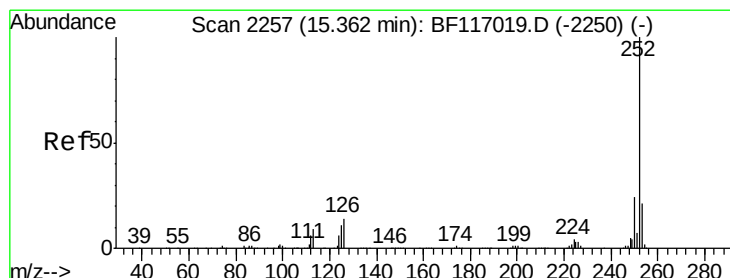
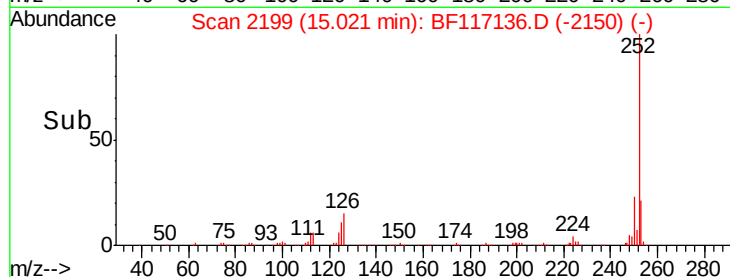
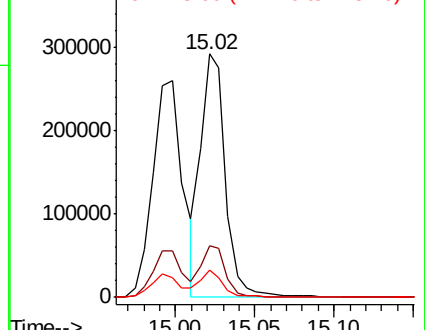


Abundance

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



#90

Benzo(a)pyrene

Concen: 38.513 ng

RT: 15.35 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BF117136.D

Acq: 18 Sep 2019 9:45

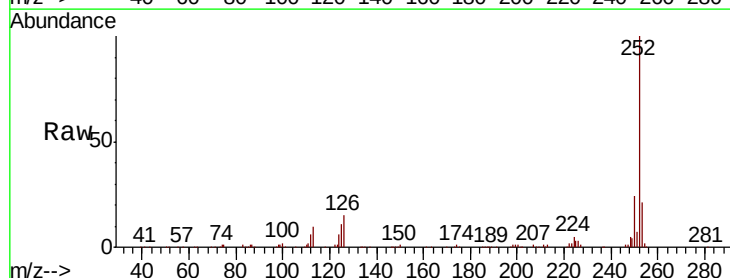
Tgt Ion:252 Resp: 288047

Ion Ratio Lower Upper

252 100

253 21.3 16.6 25.0

125 11.4 8.9 13.3

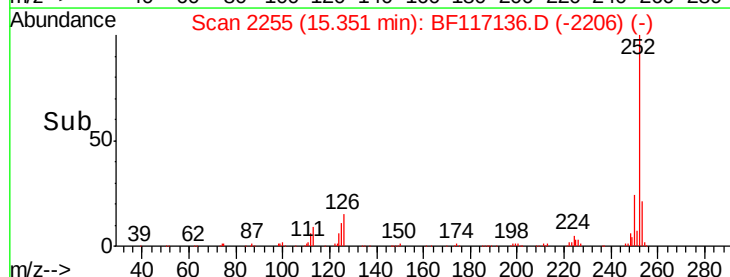
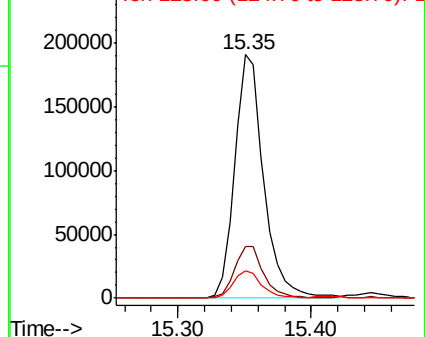


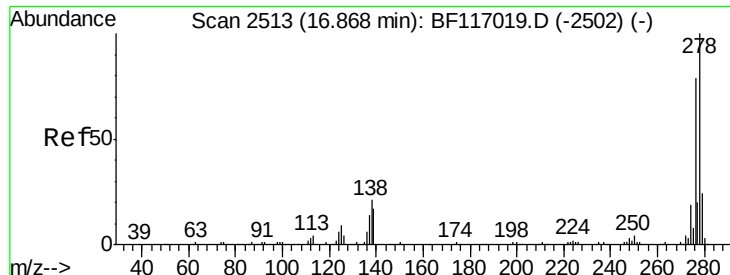
Abundance

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



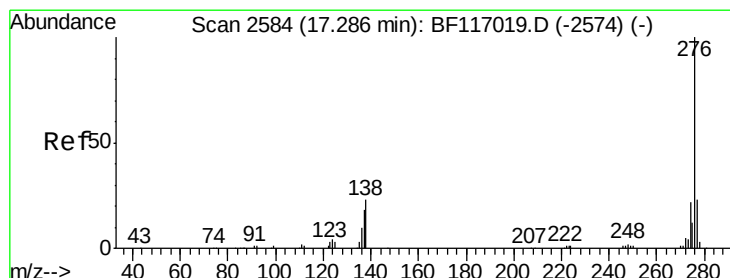
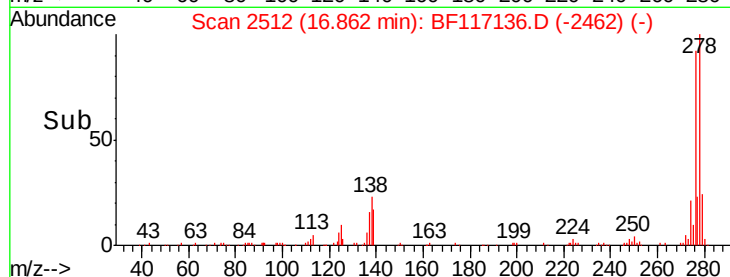
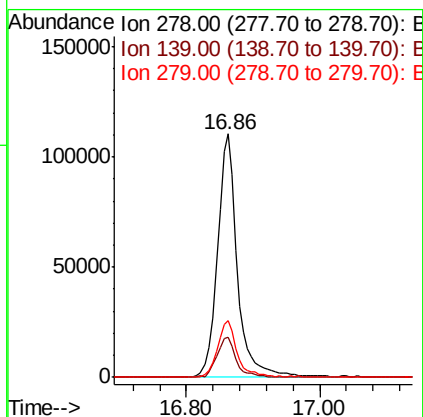
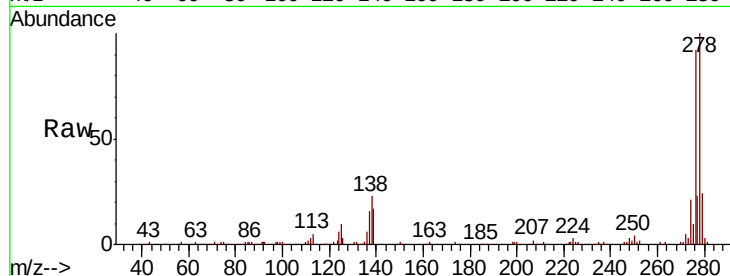


#91
Dibenzo(a,h)anthracene
Concen: 38.777 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 231044

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.5	20.3
279	23.6	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 37.319 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF117136.D
Acq: 18 Sep 2019 9:45

Tgt Ion:276 Resp: 221576

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	27.8
138	21.8	18.0	27.0

