

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119379.D
 Acq On : 12 Mar 2020 13:51
 Operator : CG/JU
 Sample : L1755-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:44:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119378	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	413982	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	230097	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	482624	20.00	ng	0.00
76) Chrysene-d12	13.90	240	329145	20.00	ng	0.01
87) Perylene-d12	15.33	264	250124	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	949486	132.92	ng	0.02
7) Phenol-d6	6.39	99	1081229	124.46	ng	0.00
23) Nitrobenzene-d5	7.30	82	846130	107.92	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	460339	152.93	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1484229	95.03	ng	0.00
79) Terphenyl-d14	12.83	244	2032741	106.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	125356	39.414	ng	# 87
3) Pyridine	3.35	79	201669	23.218	ng	97
4) n-Nitrosodimethylamine	3.23	42	135713	51.578	ng	95
6) Aniline	6.40	93	132313	12.343	ng	# 22
8) 2-Chlorophenol	6.52	128	405519	52.603	ng	98
9) Benzaldehyde	6.28	77	246487	42.466	ng	100
10) Phenol	6.40	94	401655	42.762	ng	85
11) bis(2-Chloroethyl)ether	6.46	93	388494	54.056	ng	99
12) 1,3-Dichlorobenzene	6.66	146	446056	48.276	ng	96
13) 1,4-Dichlorobenzene	6.74	146	452470	48.936	ng	100
14) 1,2-Dichlorobenzene	6.89	146	410997	48.740	ng	99
15) Benzyl Alcohol	6.89	79	350395	55.806	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	300752	48.309	ng	# 50
17) 2-Methylphenol	7.00	107	322128	51.539	ng	# 92
18) Hexachloroethane	7.23	117	162832	49.225	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	289994	57.285	ng	98
20) 3+4-Methylphenols	7.16	107	428793	55.998	ng	# 88
22) Acetophenone	7.14	105	565522	59.041	ng	# 95
24) Nitrobenzene	7.32	77	439385	56.669	ng	98
25) Isophorone	7.56	82	788911	57.937	ng	100
26) 2-Nitrophenol	7.63	139	226224	55.067	ng	99
27) 2,4-Dimethylphenol	7.68	122	350625	62.886	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	418128	47.176	ng	99
29) 2,4-Dichlorophenol	7.89	162	325846	49.643	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	354489	45.551	ng	97
31) Naphthalene	8.03	128	1074960	50.068	ng	99
32) Benzoic acid	7.86	122	174303	43.562	ng	99
33) 4-Chloroaniline	8.10	127	93389	10.113	ng	98
34) Hexachlorobutadiene	8.14	225	218660	45.107	ng	97
35) Caprolactam	8.48	113	38993	19.293	ng	92
36) 4-Chloro-3-methylphenol	8.59	107	348844	52.514	ng	99
37) 2-Methylnaphthalene	8.72	142	729824	50.512	ng	100
38) 1-Methylnaphthalene	8.82	142	691915	50.920	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	365475	47.110	ng	99

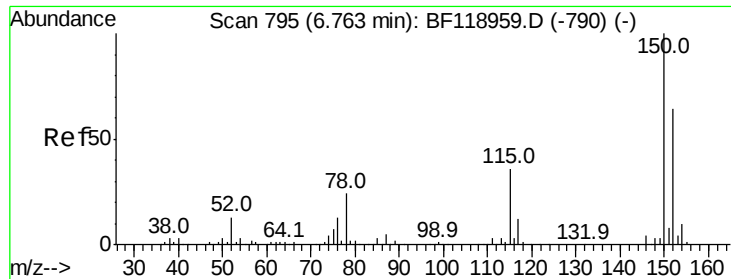
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119379.D
 Acq On : 12 Mar 2020 13:51
 Operator : CG/JU
 Sample : L1755-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:44:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	133200	51.025	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	227617	46.461	ng	98
44) 2,4,5-Trichlorophenol	9.07	196	234095	45.536	ng	99
46) 1,1'-Biphenyl	9.19	154	893823	48.064	ng	98
47) 2-Chloronaphthalene	9.21	162	719559	48.015	ng	99
48) 2-Nitroaniline	9.32	65	211034	50.488	ng	98
49) Acenaphthylene	9.63	152	1075619	49.695	ng	98
50) Dimethylphthalate	9.49	163	902814	51.311	ng	99
51) 2,6-Dinitrotoluene	9.56	165	196289	50.213	ng #	87
52) Acenaphthene	9.80	154	645500	49.459	ng	99
53) 3-Nitroaniline	9.74	138	65869	15.199	ng	96
54) 2,4-Dinitrophenol	9.86	184	172822	89.939	ng #	90
55) Dibenzofuran	9.97	168	997204	51.191	ng	98
56) 4-Nitrophenol	9.93	139	96355	37.006	ng	91
57) 2,4-Dinitrotoluene	9.97	165	263343	51.973	ng	92
58) Fluorene	10.32	166	857164	56.627	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	217312	50.097	ng	99
60) Diethylphthalate	10.19	149	880655	53.112	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	446130	55.680	ng	98
62) 4-Nitroaniline	10.36	138	188610	42.538	ng	91
63) Azobenzene	10.46	77	852405	59.143	ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	143841	49.254	ng	94
66) n-Nitrosodiphenylamine	10.43	169	783946	49.608	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	296860	47.057	ng	96
68) Hexachlorobenzene	10.87	284	341429	46.942	ng	99
69) Atrazine	10.96	200	260360	47.155	ng	99
70) Pentachlorophenol	11.07	266	215147	73.432	ng	98
71) Phenanthrene	11.27	178	1290421	49.028	ng	99
72) Anthracene	11.33	178	1326562	50.443	ng	99
73) Carbazole	11.49	167	1177477	50.259	ng	99
74) Di-n-butylphthalate	11.81	149	1439690	50.744	ng	99
75) Fluoranthene	12.47	202	1365360	48.871	ng	99
77) Benzidine	12.60	184	67777	5.063	ng	97
78) Pyrene	12.69	202	1376279	52.073	ng	99
80) Butylbenzylphthalate	13.30	149	566583	50.935	ng	99
81) Benzo(a)anthracene	13.89	228	1145839	51.092	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	164979	18.945	ng	98
83) Chrysene	13.92	228	1096551	49.070	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	739674	52.634	ng	100
85) Di-n-octyl phthalate	14.47	149	995538	44.462	ng	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	834578	38.571	ng	100
88) Benzo(b)fluoranthene	14.92	252	831537	50.437	ng	100
89) Benzo(k)fluoranthene	14.95	252	860438	56.316	ng	99
90) Benzo(a)pyrene	15.27	252	741167	49.810	ng	98
91) Dibenzo(a,h)anthracene	16.75	278	694614	53.054	ng	100
92) Benzo(g,h,i)perylene	17.18	276	698130	53.968	ng	99

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

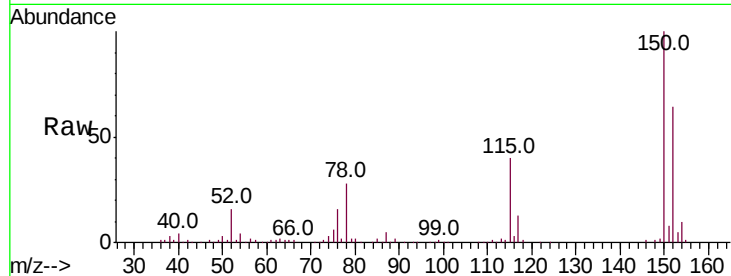


#1

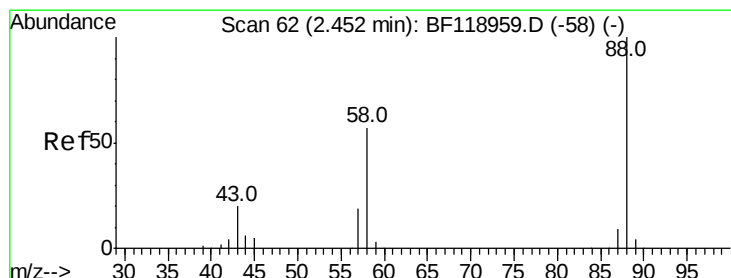
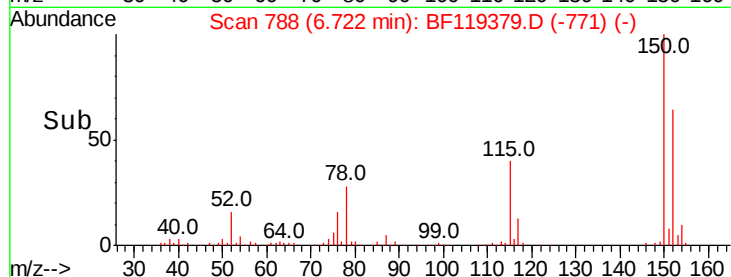
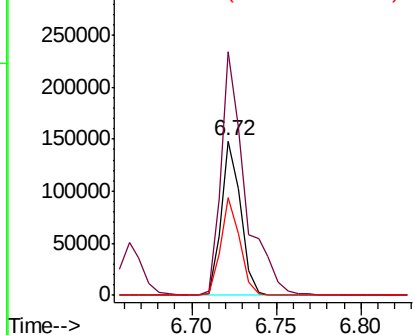
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119378
Ion Ratio Lower Upper
152 100
150 157.5 123.0 184.6
115 62.9 49.5 74.3



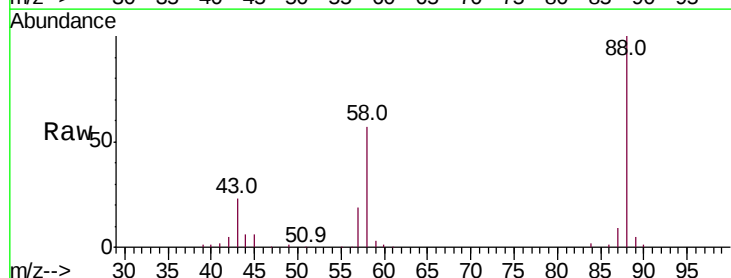
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



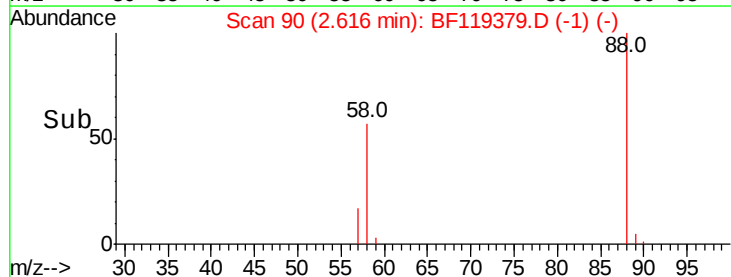
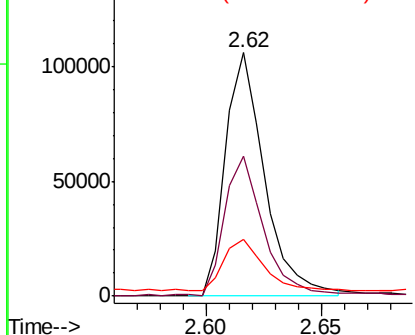
#2

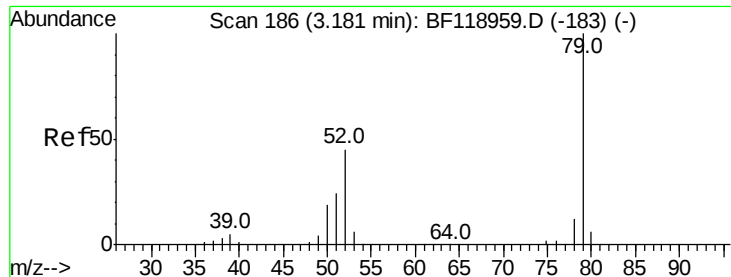
1,4-Dioxane
Concen: 39.414 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.24 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion: 88 Resp: 125356
Ion Ratio Lower Upper
88 100
58 55.9 43.8 65.6
43 0.0 16.2 24.4#



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: 23.218 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.25 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

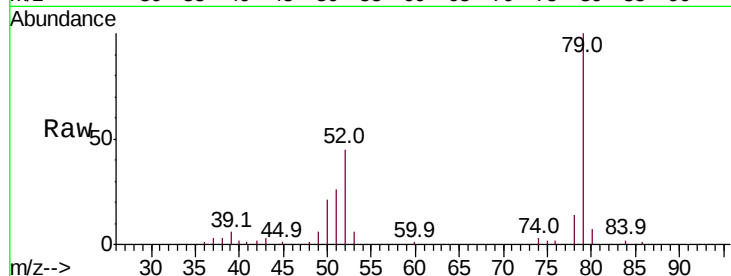
Tot Ion: 79 Resp: 201669

Ion Ratio Lower Upper

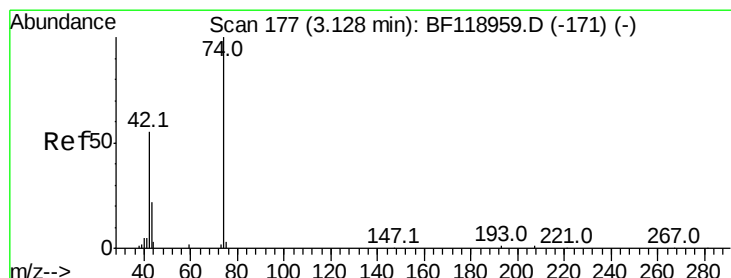
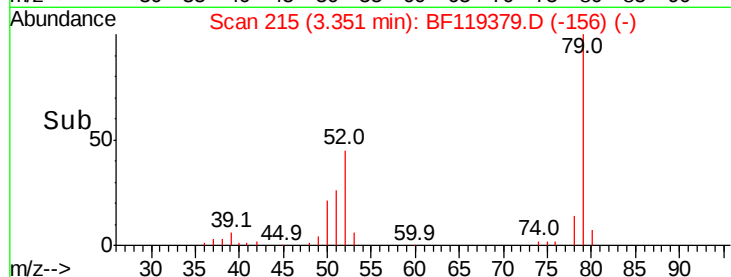
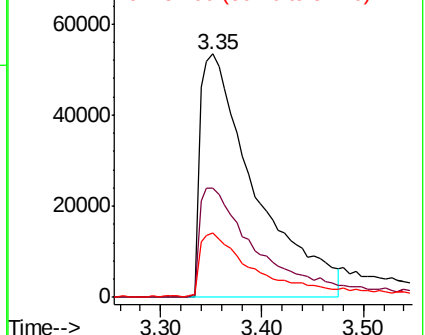
79 100

52 45.0 37.4 56.0

51 26.4 19.8 29.6



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: 51.578 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.18 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

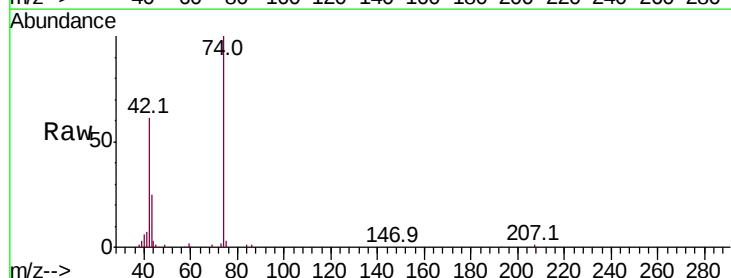
Tgt Ion: 42 Resp: 135713

Ion Ratio Lower Upper

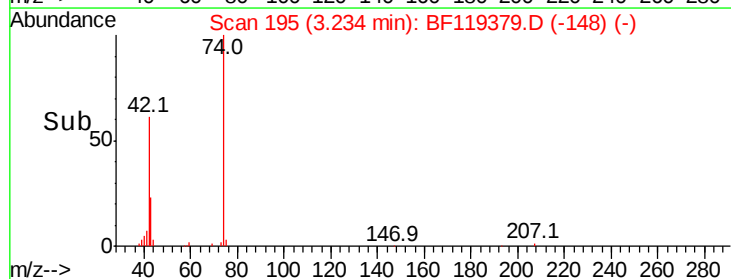
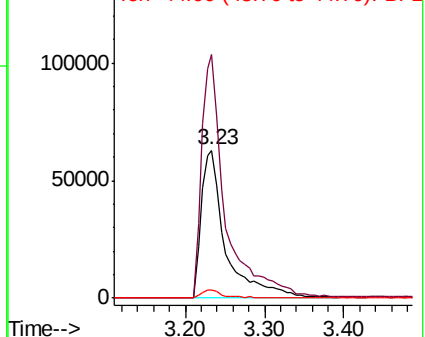
42 100

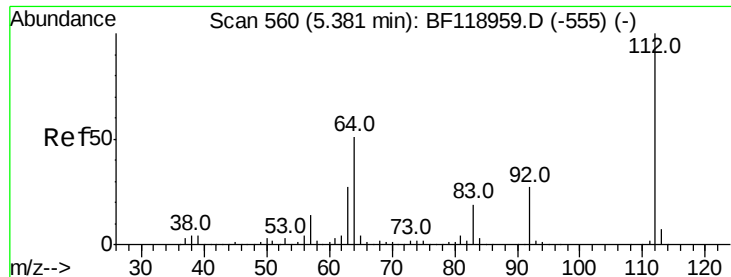
74 164.8 137.7 206.5

44 5.2 4.5 6.7



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: 132.919 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampled :

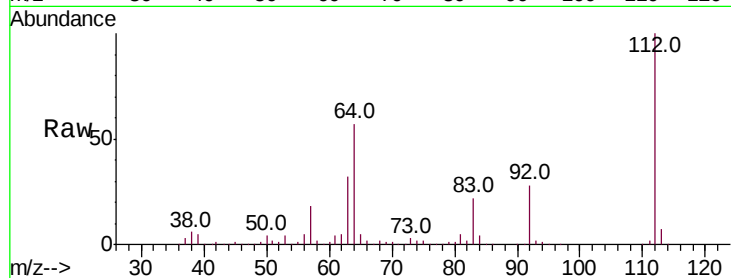
Tot Ion:112 Resp: 949486

Ion Ratio Lower Upper

112 100

64 56.7 45.0 67.4

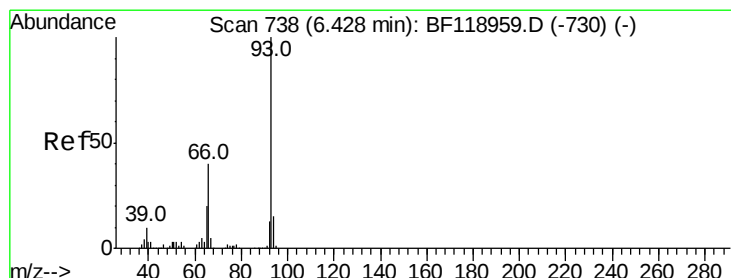
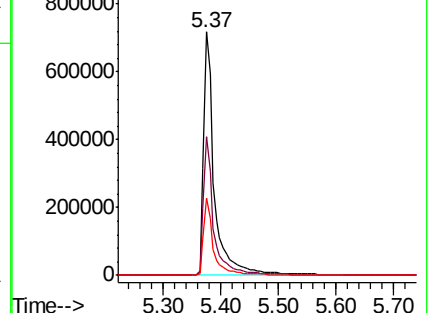
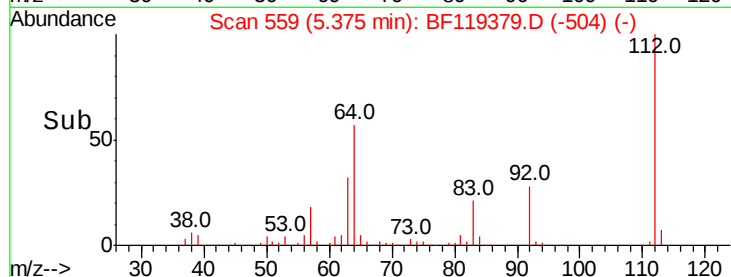
63 31.7 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.343 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

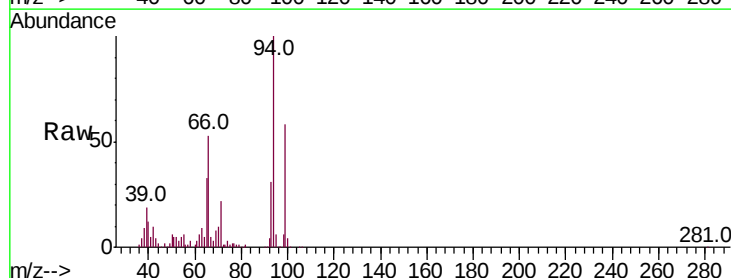
Tgt Ion: 93 Resp: 132313

Ion Ratio Lower Upper

93 100

66 173.9 74.5 111.7#

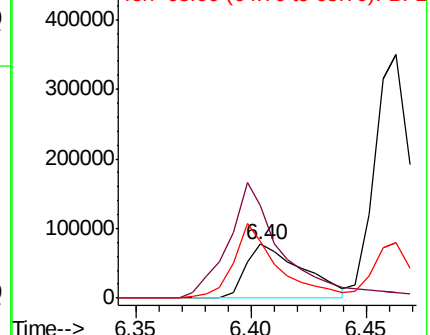
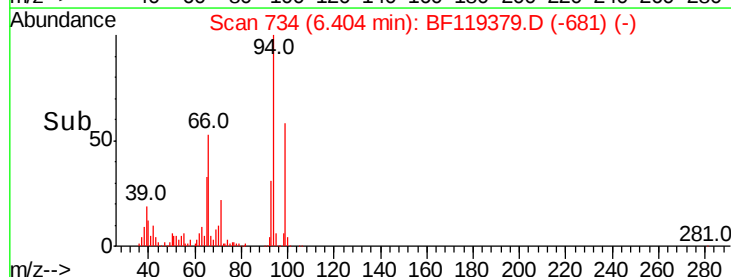
65 106.5 45.3 67.9#

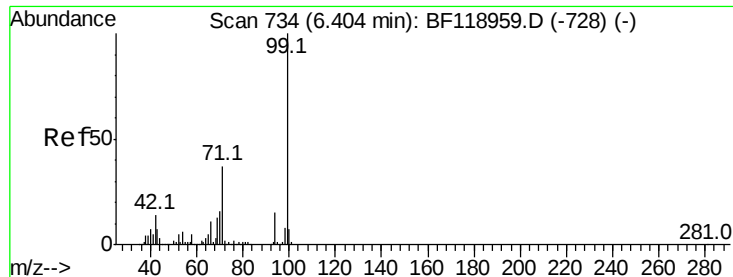


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.456 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampled :

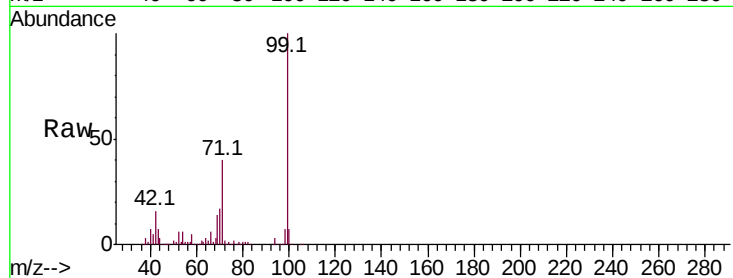
Tot Ion: 99 Resp: 1081229

Ion Ratio Lower Upper

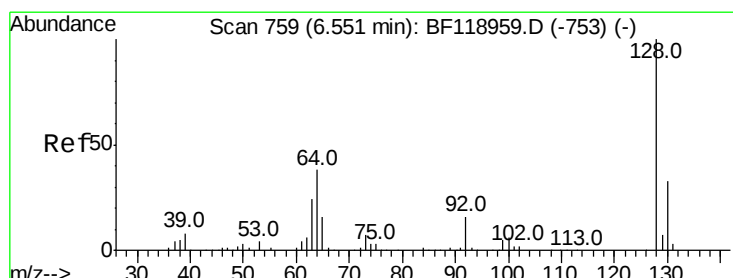
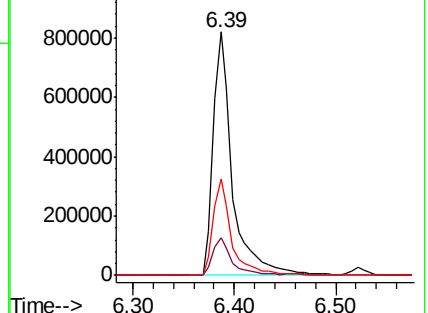
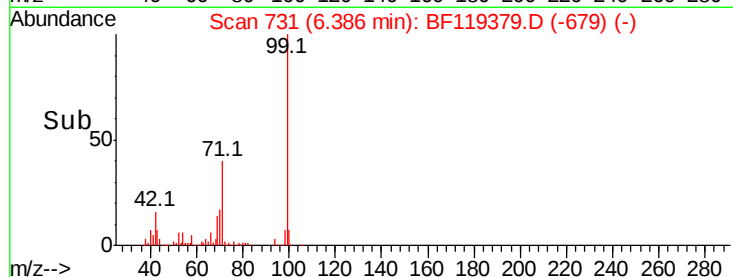
99 100

42 15.6 12.6 18.8

71 39.6 31.0 46.4



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: 52.603 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

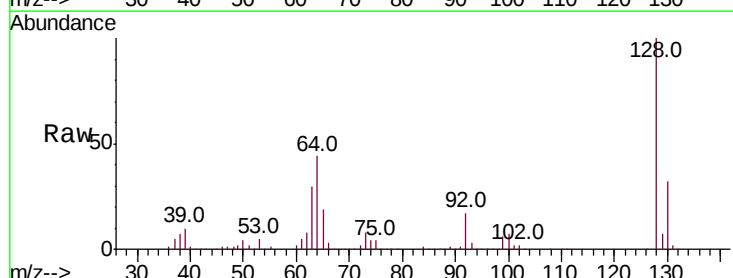
Tgt Ion:128 Resp: 405519

Ion Ratio Lower Upper

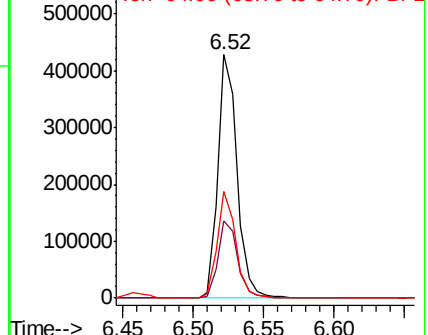
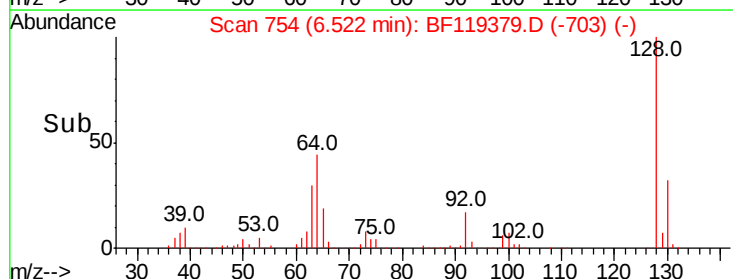
128 100

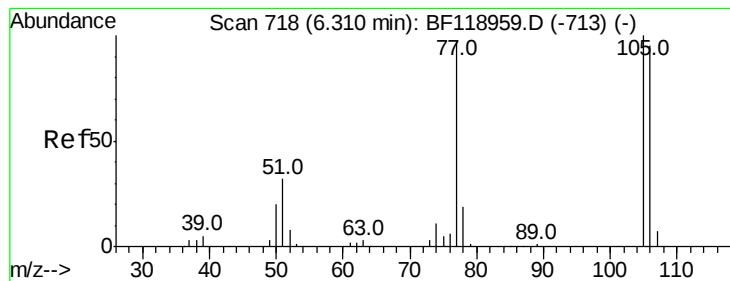
130 31.9 12.7 52.7

64 43.9 22.3 62.3



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: 42.466 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

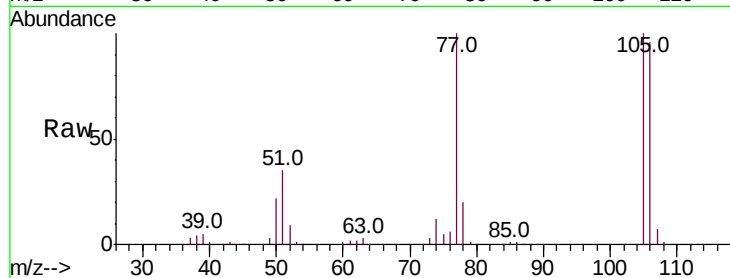
Tot Ion: 77 Resp: 246487

Ion Ratio Lower Upper

77 100

105 100.0 80.1 120.1

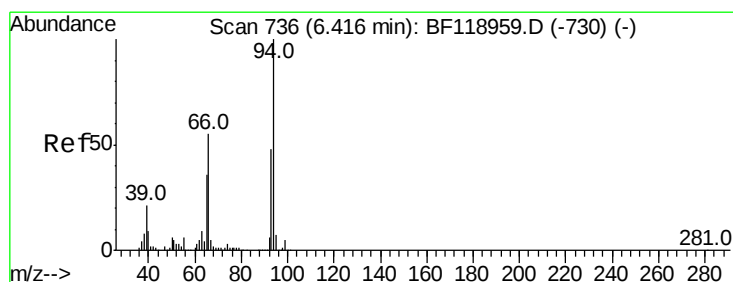
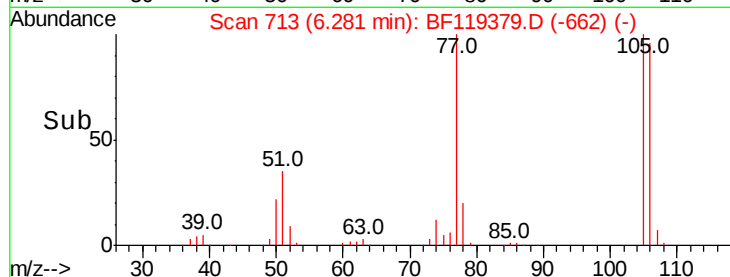
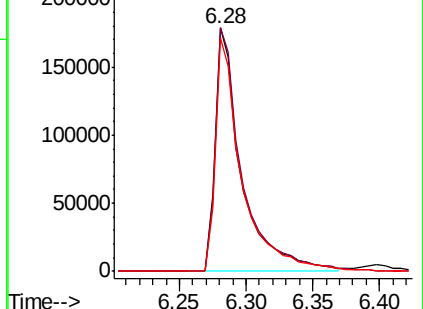
106 95.7 75.9 115.9



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: 42.762 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

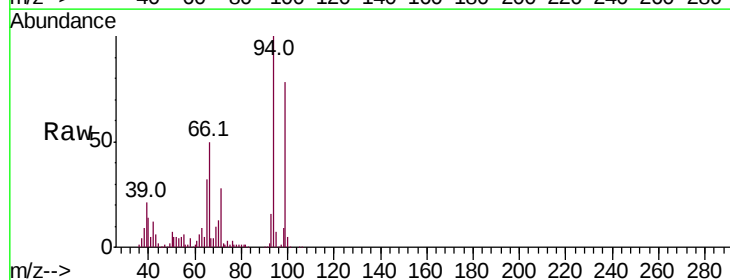
Tgt Ion: 94 Resp: 401655

Ion Ratio Lower Upper

94 100

65 32.5 19.2 59.2

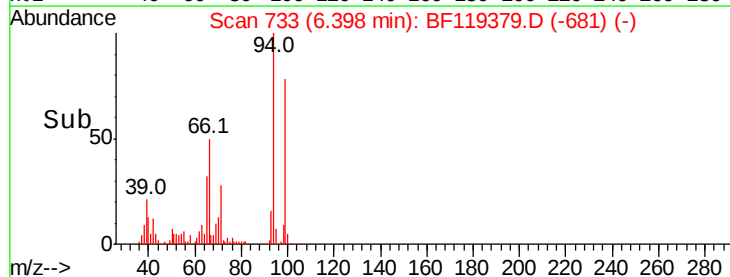
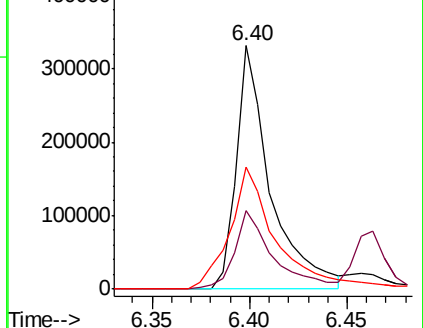
66 50.3 44.4 84.4

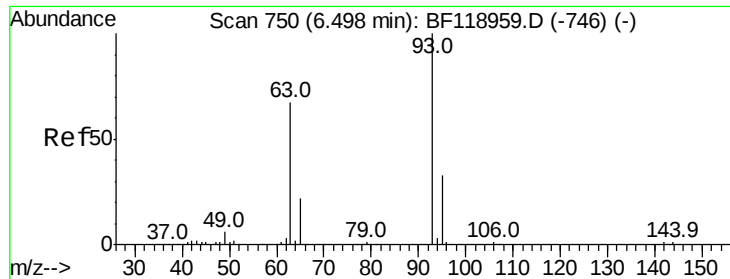


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

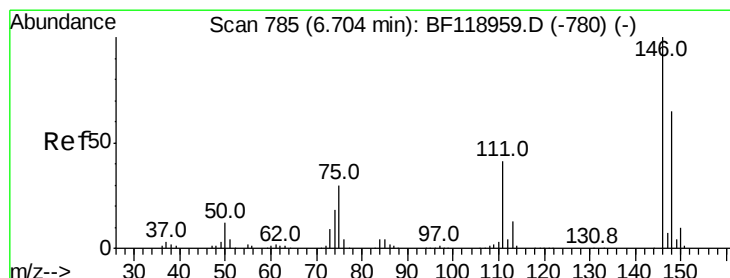
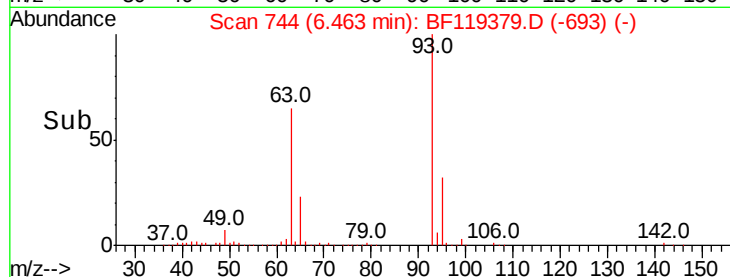
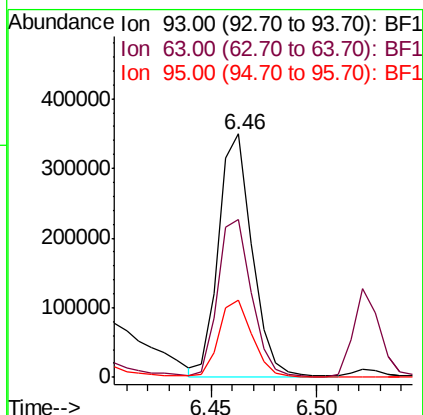
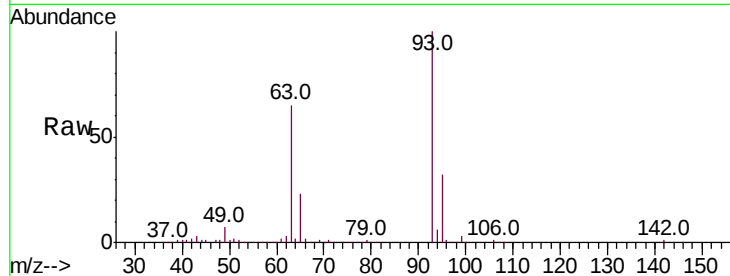




#11
bis(2-Chloroethyl)ether
Concen: 54.056 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

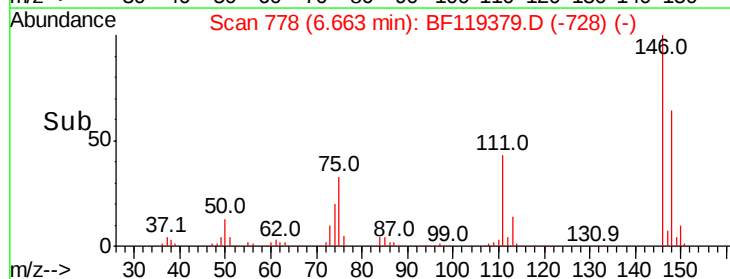
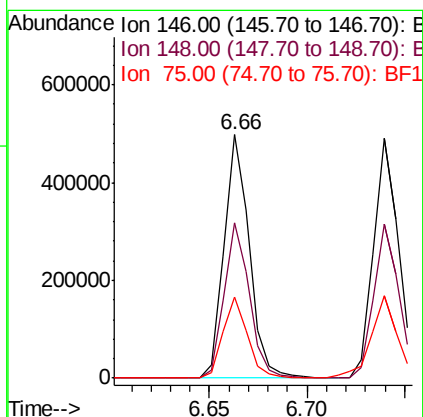
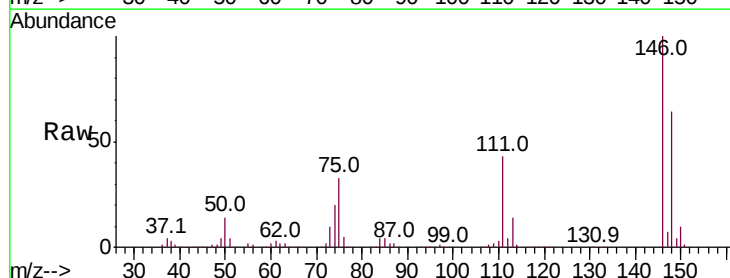
Instrument :
BNA_F
ClientSampleId :

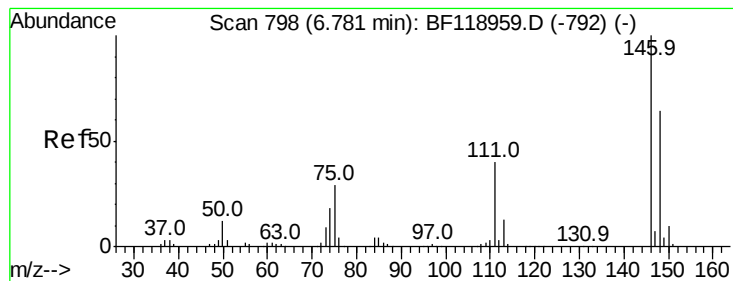
Tot Ion: 93 Resp: 388494
Ion Ratio Lower Upper
93 100
63 64.9 45.4 85.4
95 31.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 48.276 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion: 146 Resp: 446056
Ion Ratio Lower Upper
146 100
148 63.8 52.5 78.7
75 33.1 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 48.936 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

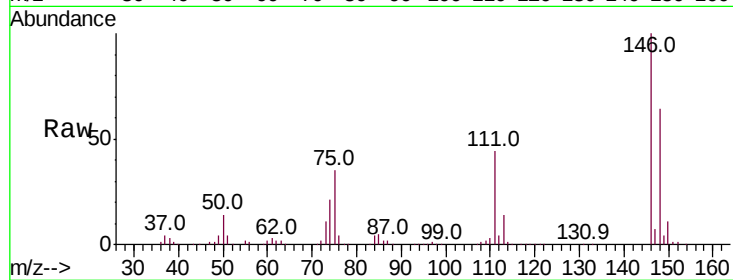
Tot Ion:146 Resp: 452470

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

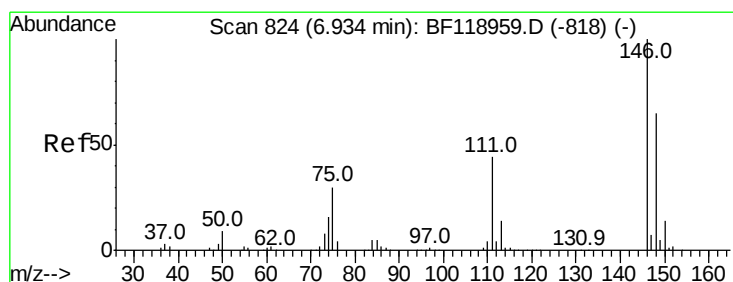
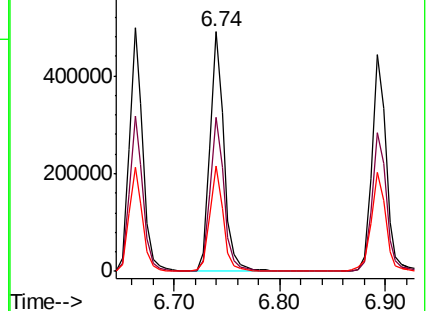
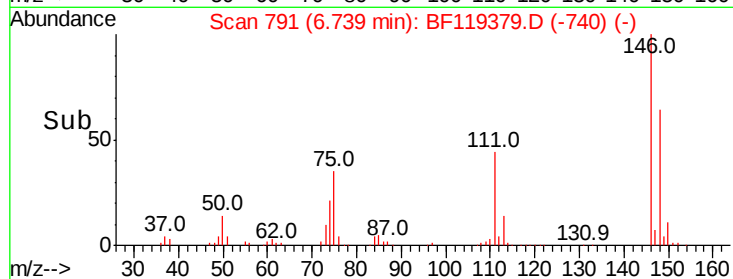
111 43.9 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.740 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

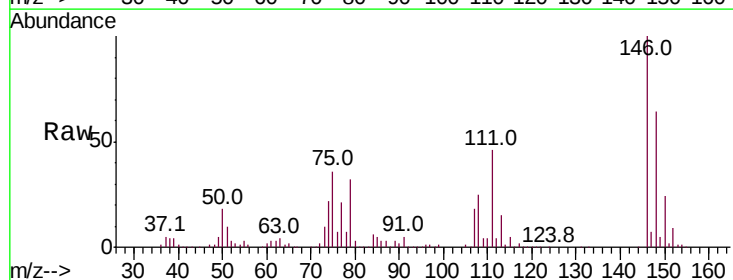
Tgt Ion:146 Resp: 410997

Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

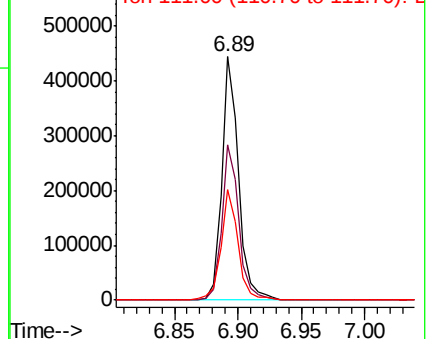
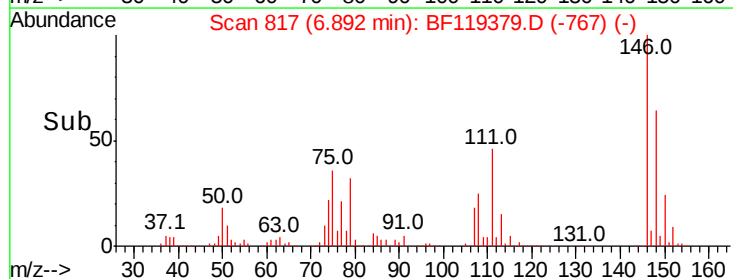
111 45.6 36.2 54.2

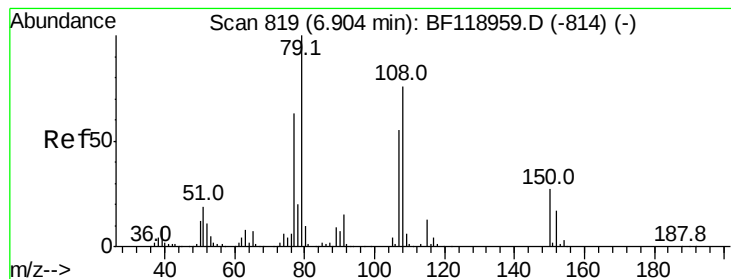


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.806 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

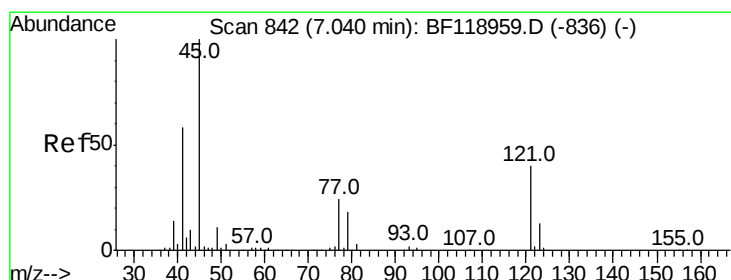
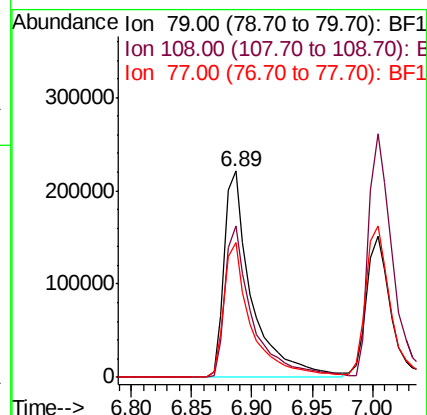
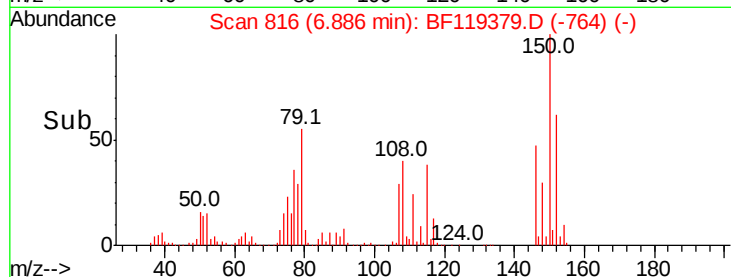
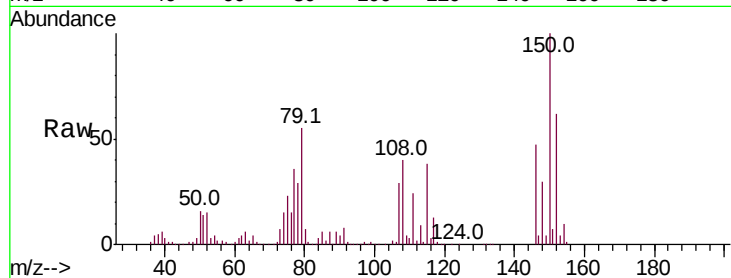
Tot Ion: 79 Resp: 350395

Ion Ratio Lower Upper

79 100

108 73.3 58.2 87.2

77 65.5 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.309 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

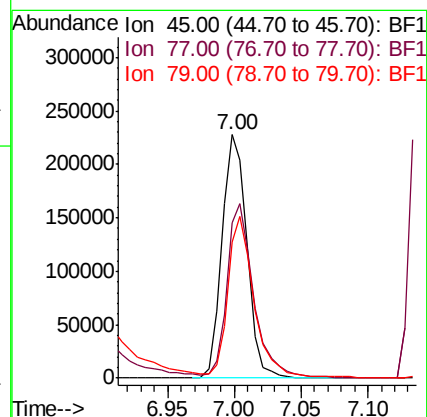
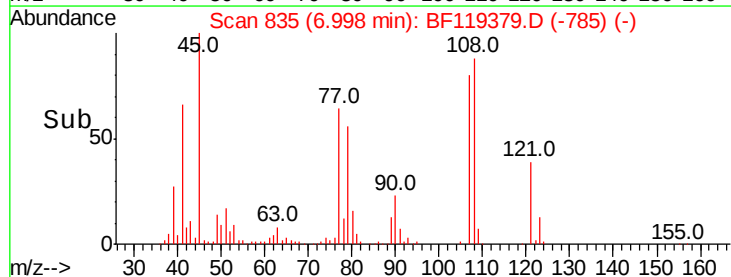
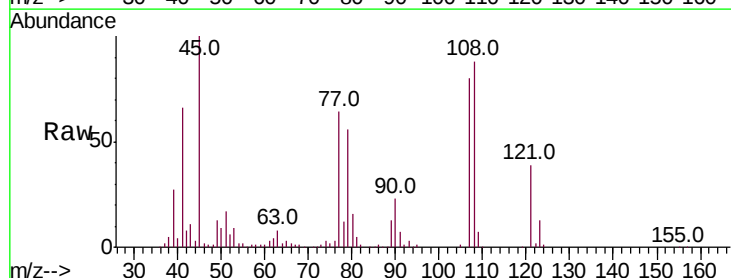
Tgt Ion: 45 Resp: 300752

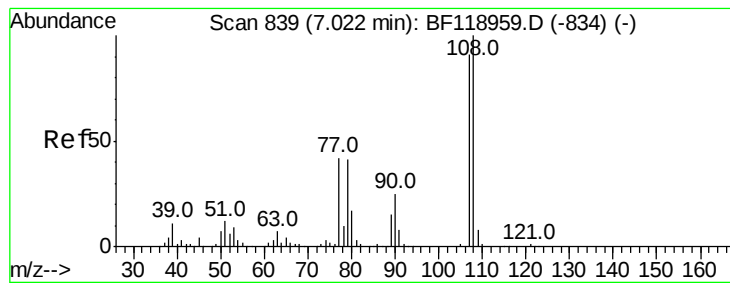
Ion Ratio Lower Upper

45 100

77 63.9 15.0 55.0#

79 56.1 9.4 49.4#

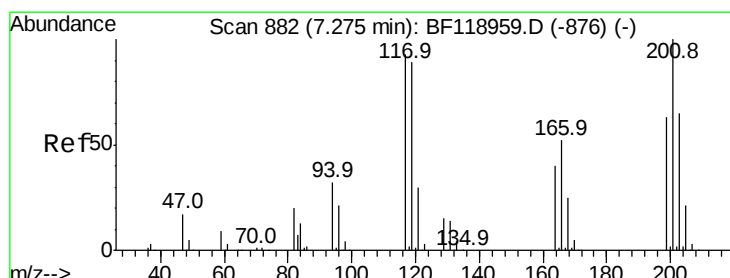
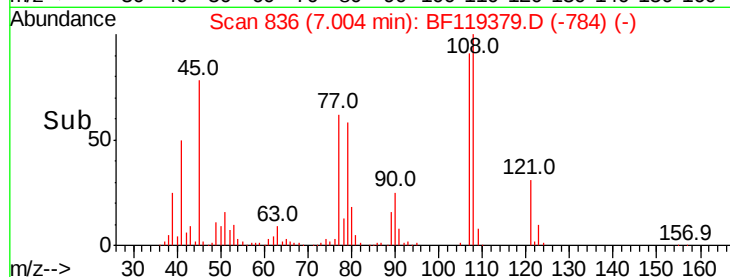
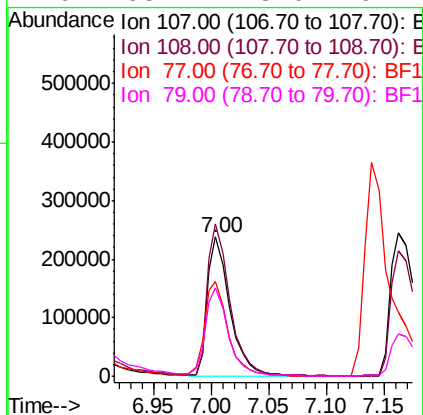
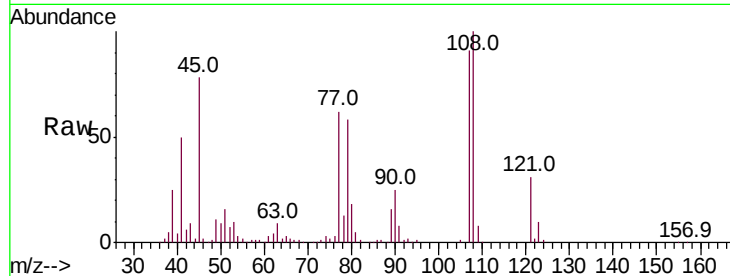




#17
2-Methylphenol
Concen: 51.539 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

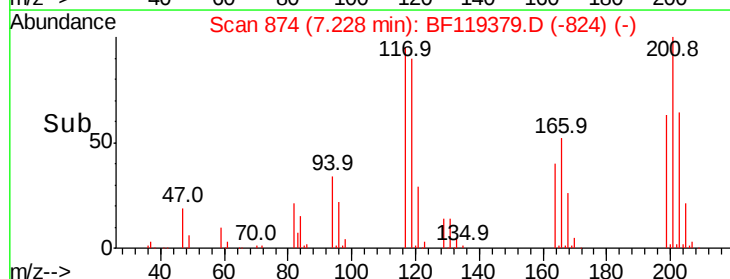
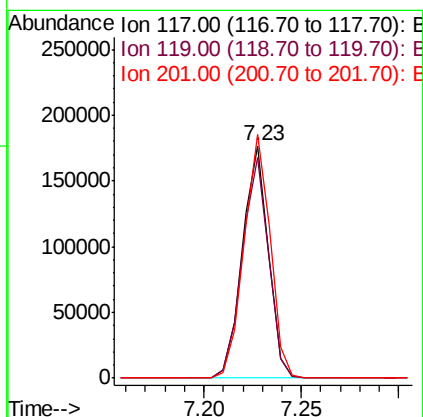
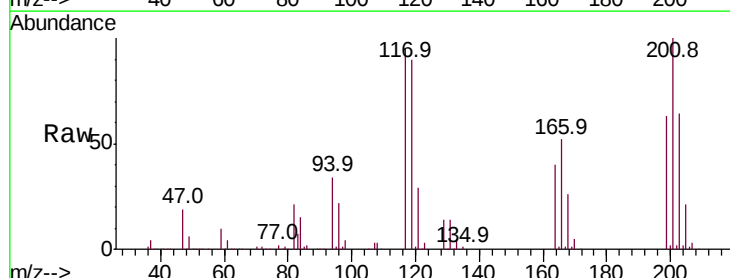
Instrument :
BNA_F
ClientSampled :

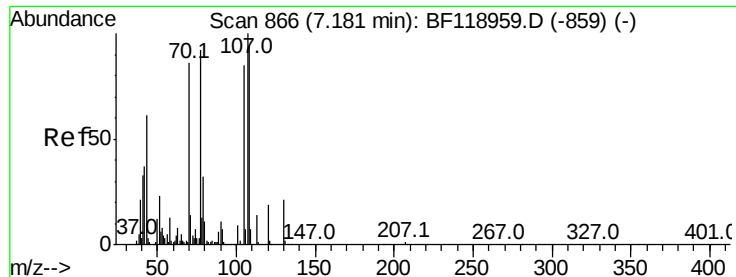
Tot Ion:107 Resp: 322128
Ion Ratio Lower Upper
107 100
108 109.6 87.9 131.9
77 68.4 45.3 67.9#
79 63.4 43.0 64.4



#18
Hexachloroethane
Concen: 49.225 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion:117 Resp: 162832
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3
201 104.8 82.6 123.8

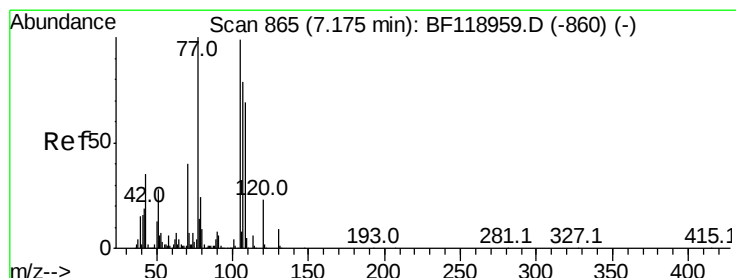
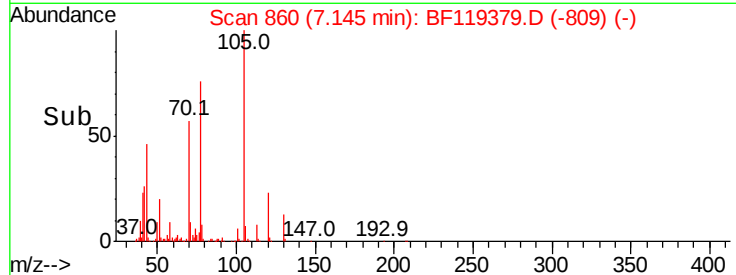
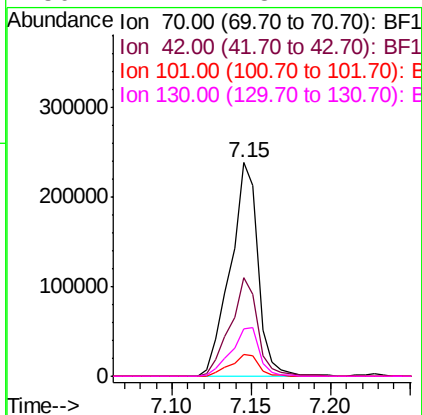
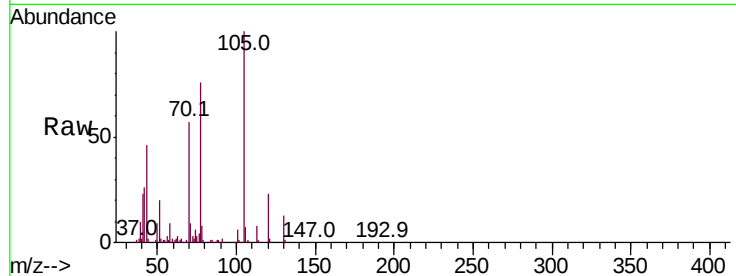




#19
n-Nitroso-di-n-propylamine
Concen: 57.285 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

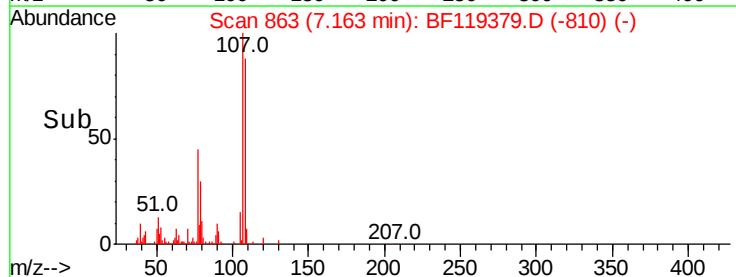
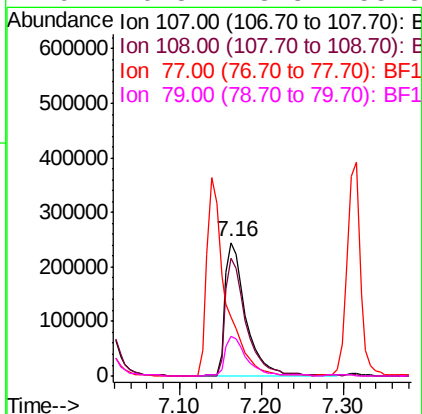
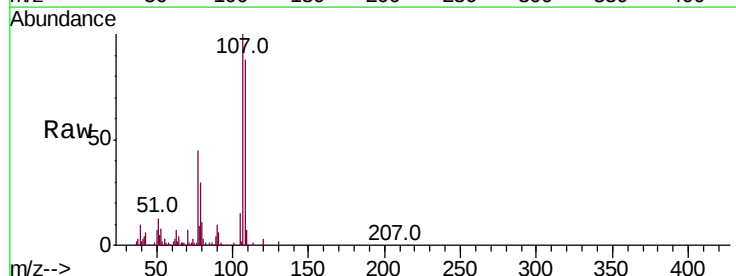
Instrument :
BNA_F
ClientSampleId :

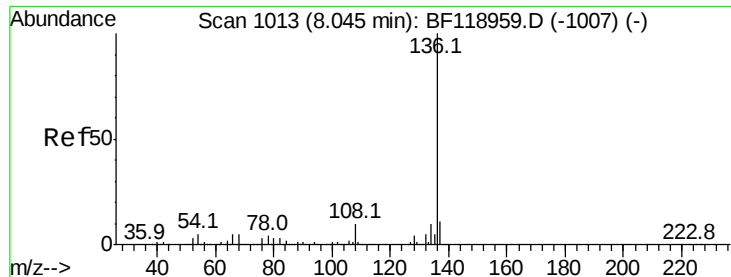
Tot Ion:	70	Resp:	289994
Ion	Ratio	Lower	Upper
70	100		
42	46.1	38.0	57.0
101	10.1	8.2	12.4
130	22.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 55.998 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion:	107	Resp:	428793
Ion	Ratio	Lower	Upper
107	100		
108	88.2	71.5	111.5
77	44.7	45.9	85.9#
79	29.8	13.8	53.8

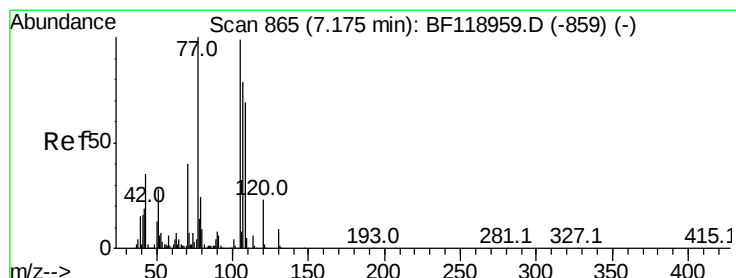
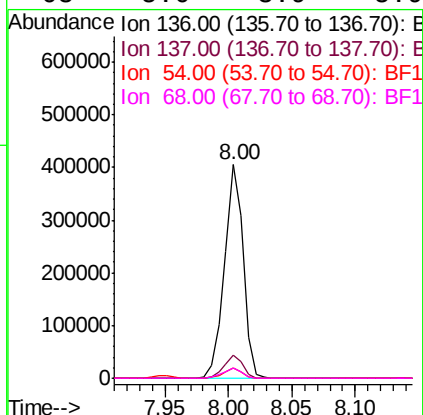
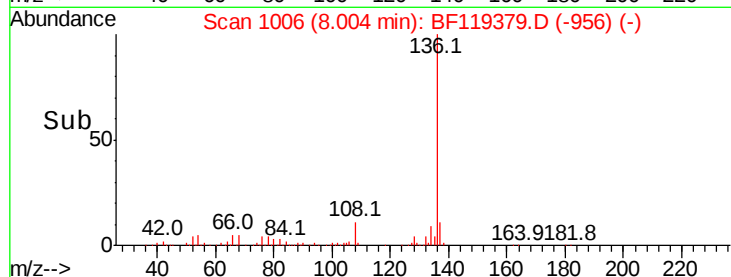
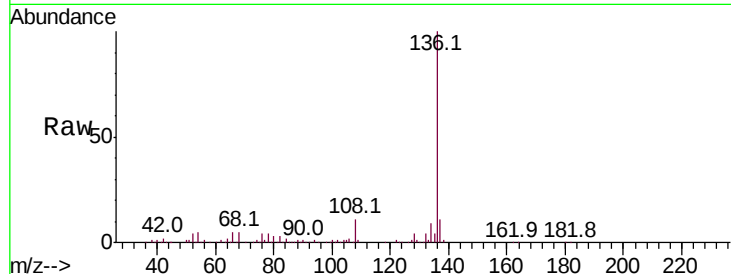




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

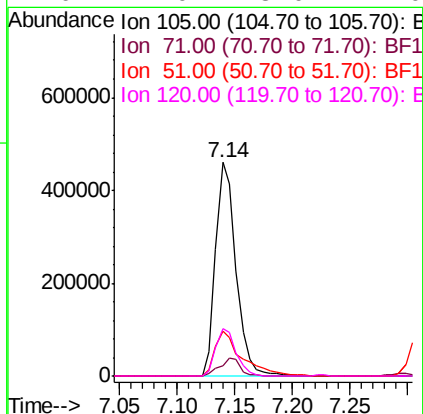
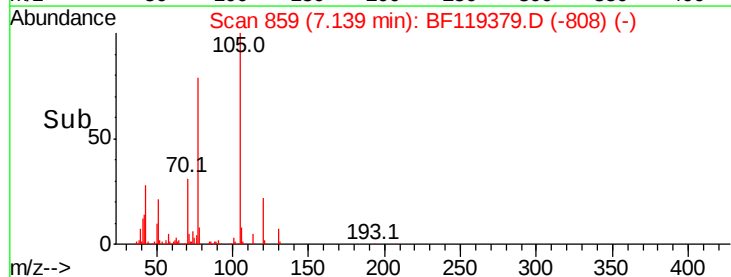
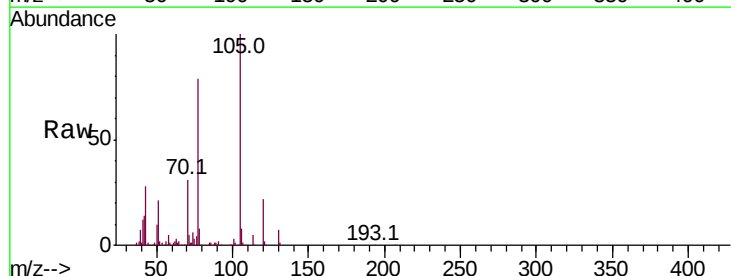
Instrument :
BNA_F
ClientSampleId :

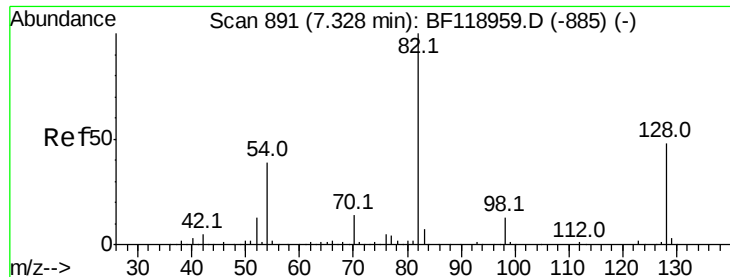
Tot Ion:136	Resp: 413982
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 4.9	3.8 5.6
68 5.0	3.9 5.9



#22
Acetophenone
Concen: 59.041 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion:105	Resp: 565522
Ion Ratio	Lower Upper
105 100	
71 5.0	3.0 4.4#
51 21.2	20.1 30.1
120 22.0	18.0 27.0

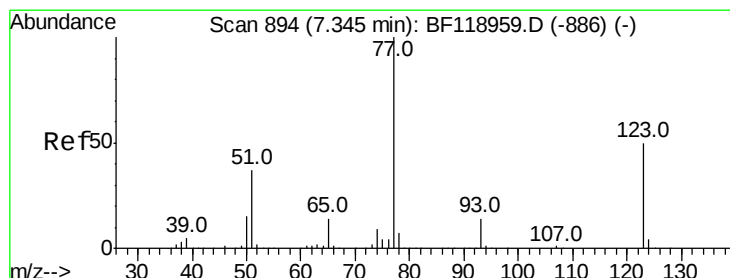
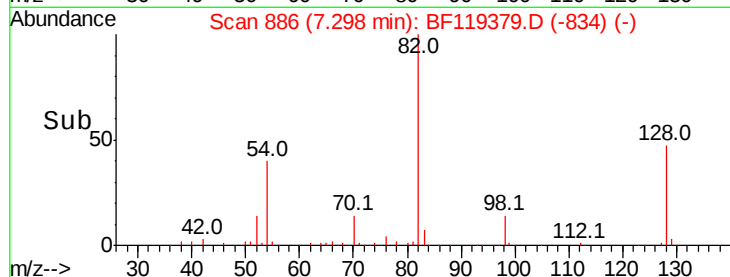
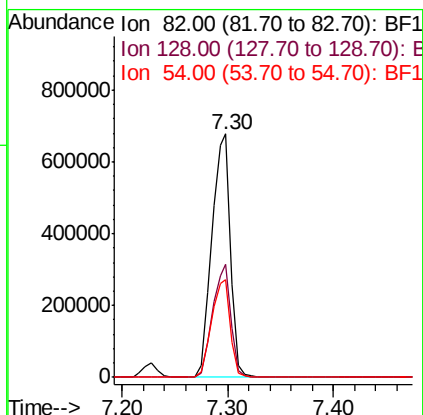
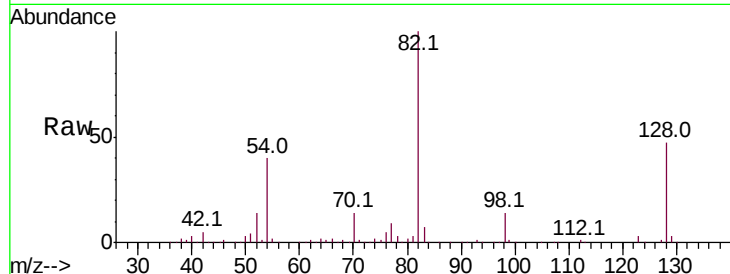




#23
 Nitrobenzene-d5
 Concen: 107.917 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

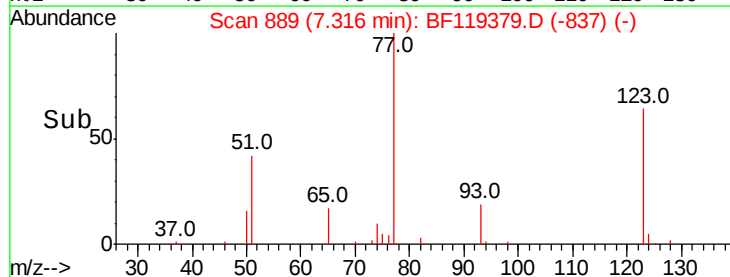
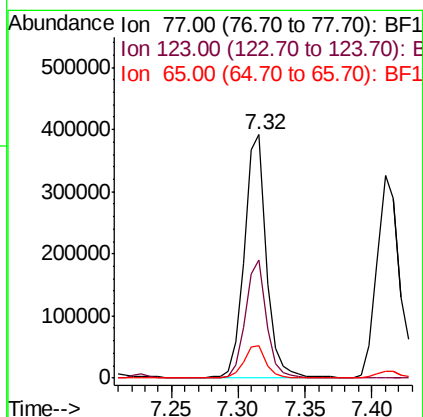
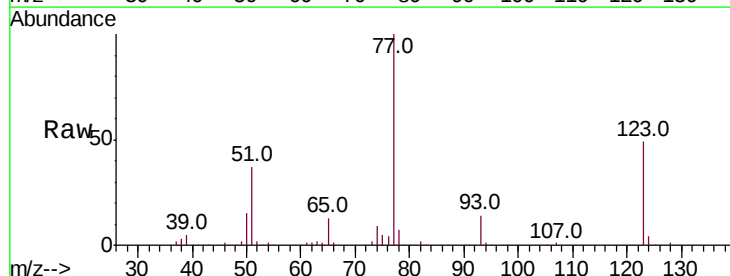
Instrument :
 BNA_F
 ClientSampled :

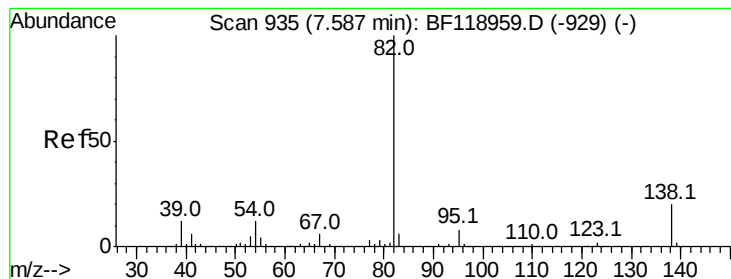
Tot Ion: 82 Resp: 846130
 Ion Ratio Lower Upper
 82 100
 128 46.5 37.9 56.9
 54 40.2 33.4 50.2



#24
 Nitrobenzene
 Concen: 56.669 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion: 77 Resp: 439385
 Ion Ratio Lower Upper
 77 100
 123 48.5 40.2 60.2
 65 13.3 10.8 16.2





#25

Isophorone

Concen: 57.937 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

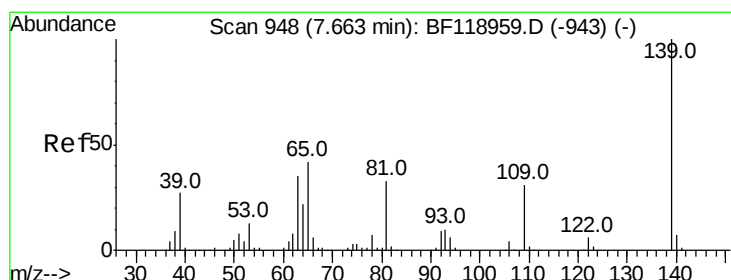
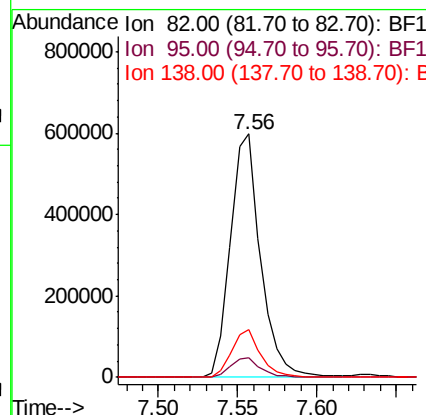
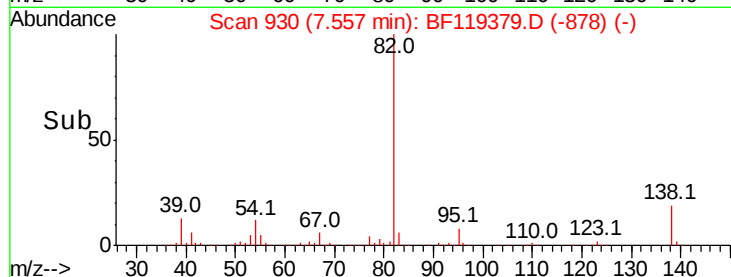
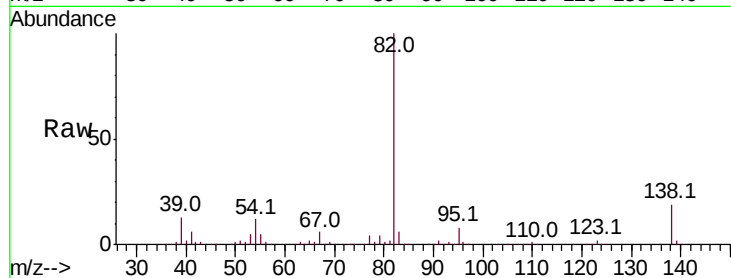
Tot Ion: 82 Resp: 788911

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

138 19.4 15.7 23.5



#26

2-Nitrophenol

Concen: 55.067 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

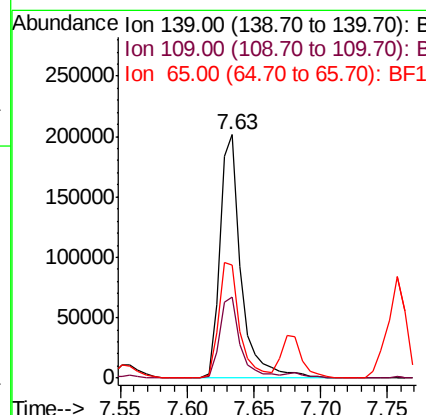
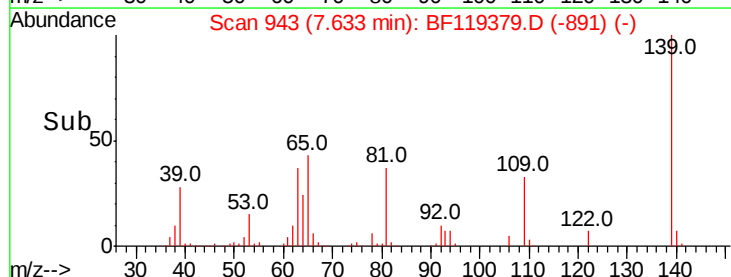
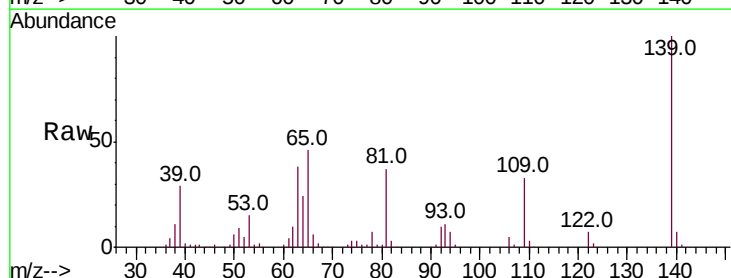
Tgt Ion: 139 Resp: 226224

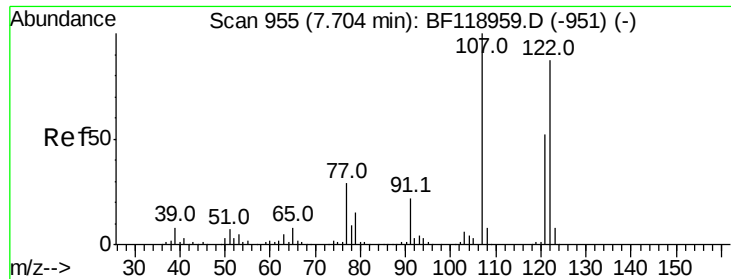
Ion Ratio Lower Upper

139 100

109 33.1 25.7 38.5

65 46.4 37.1 55.7

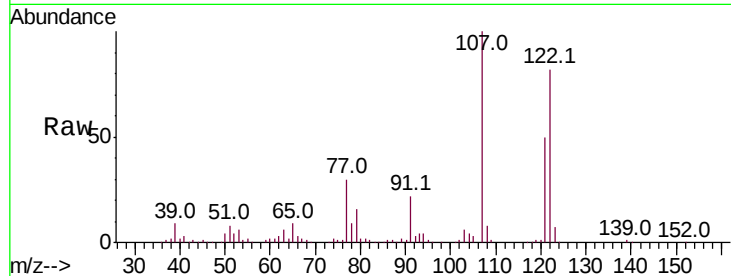




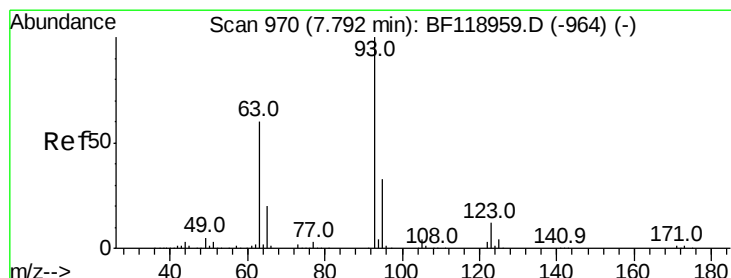
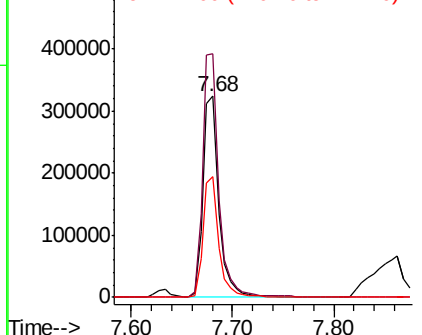
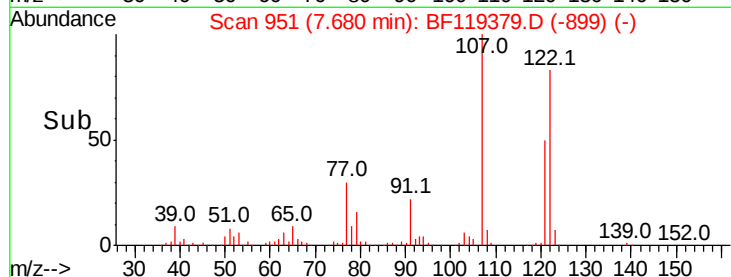
#27
2,4-Dimethylphenol
Concen: 62.886 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 350625
Ion Ratio Lower Upper
122 100
107 121.3 93.8 140.6
121 60.1 48.2 72.2

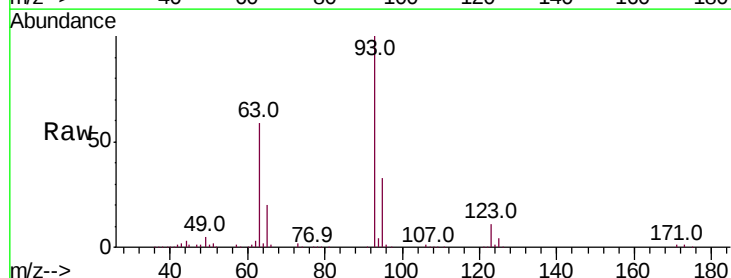


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

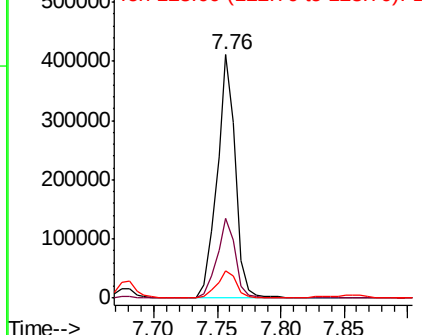
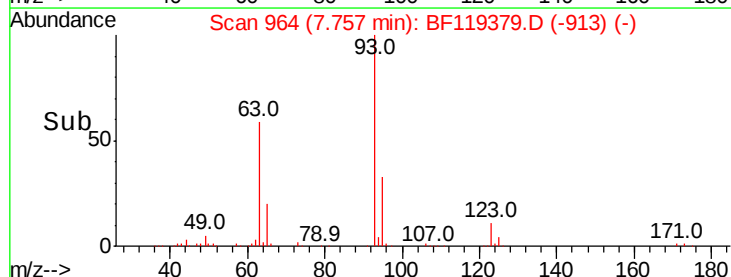


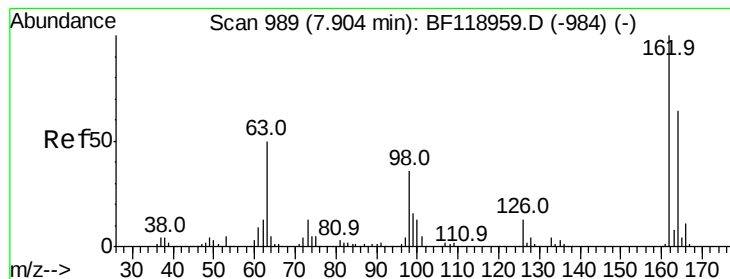
#28
bis(2-Chloroethoxy)methane
Concen: 47.176 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion: 93 Resp: 418128
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 11.4 10.2 15.2



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: 49.643 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampled :

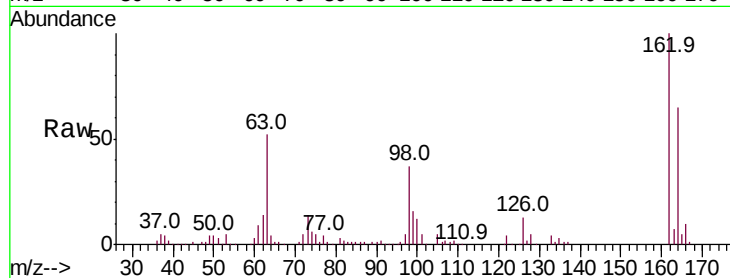
Tot Ion:162 Resp: 325846

Ion Ratio Lower Upper

162 100

164 64.7 45.2 85.2

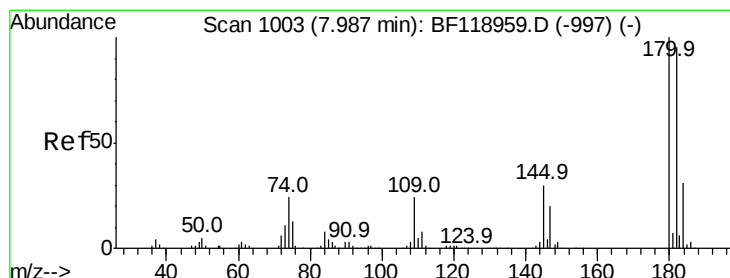
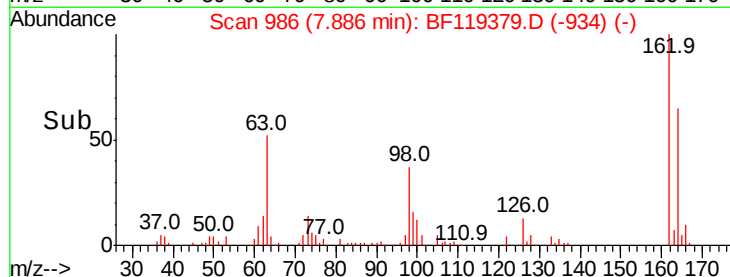
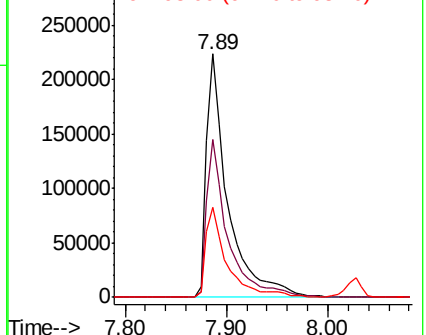
98 36.7 17.4 57.4



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: 45.551 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

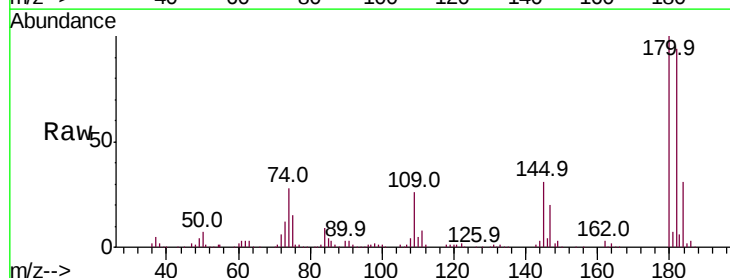
Tgt Ion:180 Resp: 354489

Ion Ratio Lower Upper

180 100

182 94.3 77.8 116.6

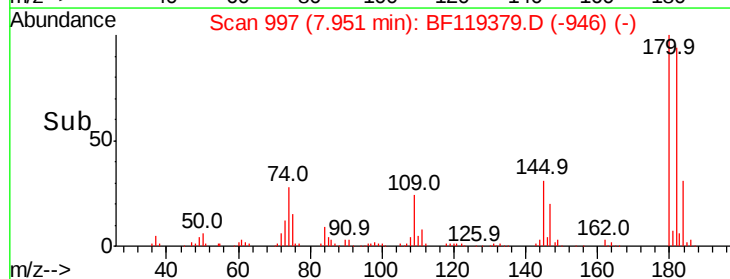
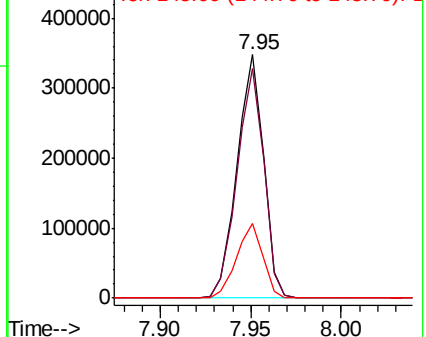
145 30.6 25.2 37.8

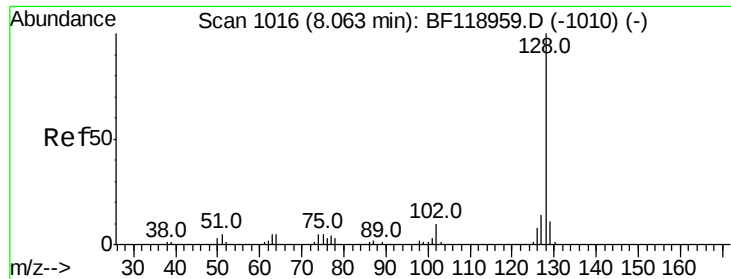


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

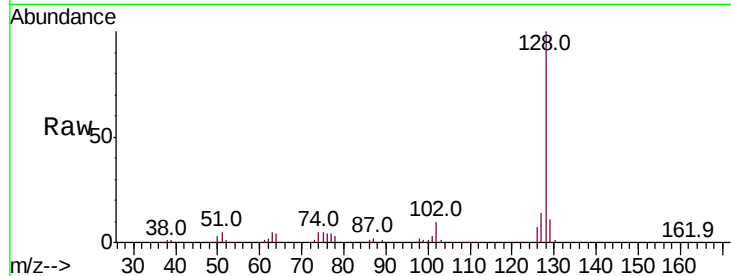




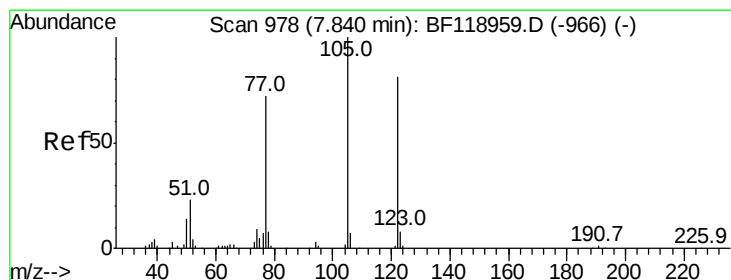
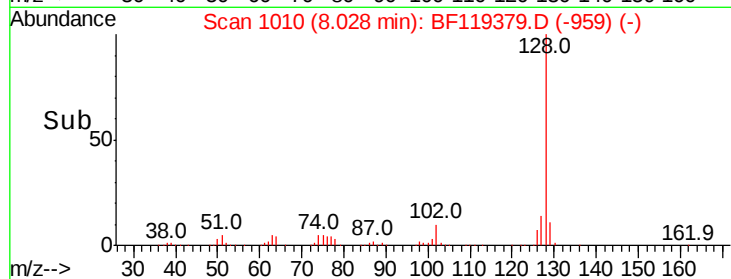
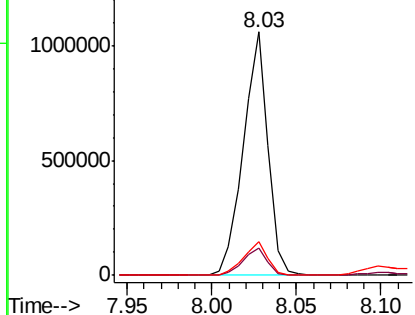
#31
Naphthalene
Concen: 50.068 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1074960
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.7 11.4 17.2

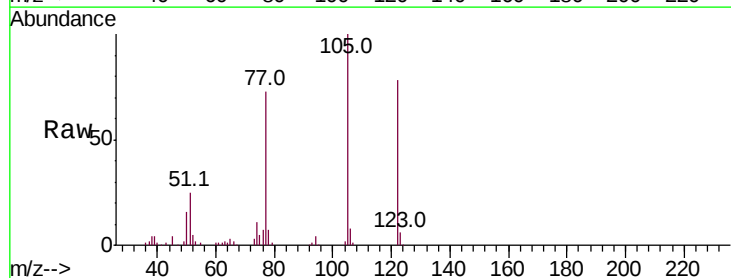


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

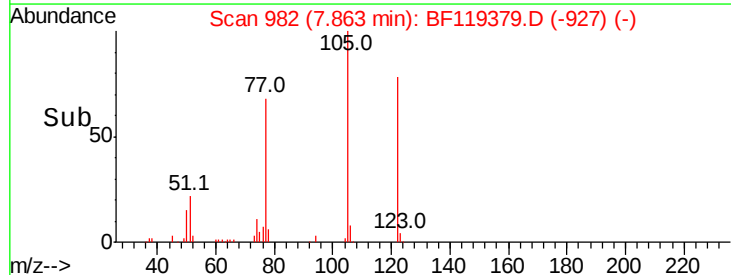
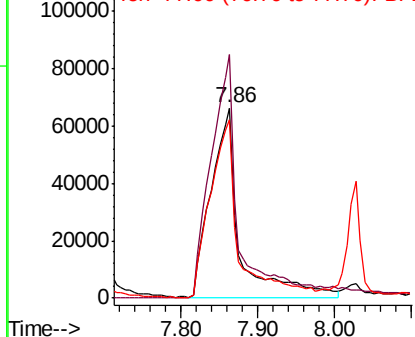


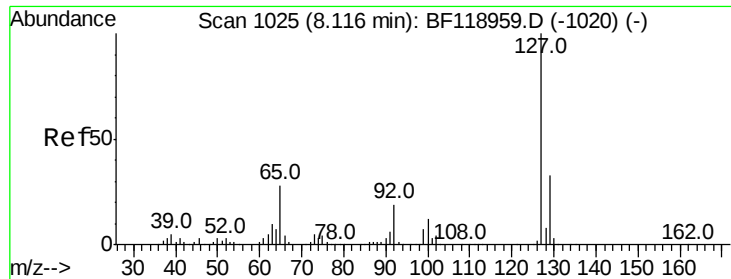
#32
Benzoic acid
Concen: 43.562 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion:122 Resp: 174303
Ion Ratio Lower Upper
122 100
105 128.0 106.3 146.3
77 93.9 73.1 113.1



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

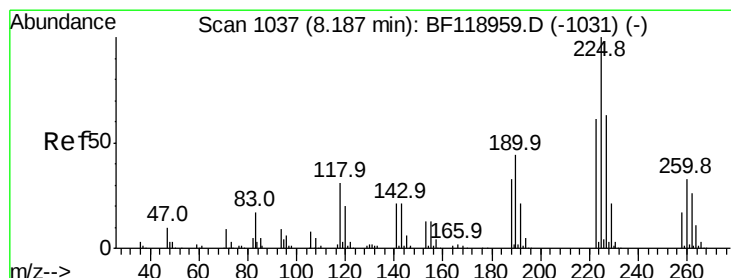
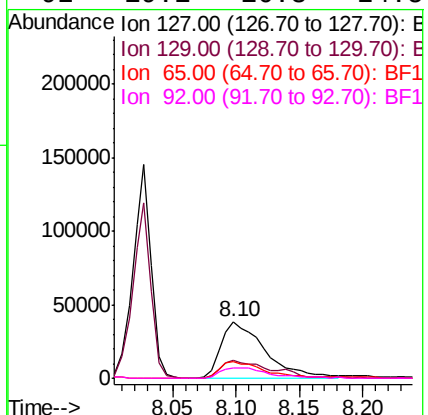
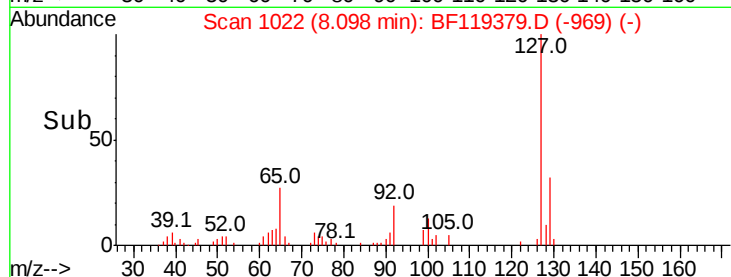
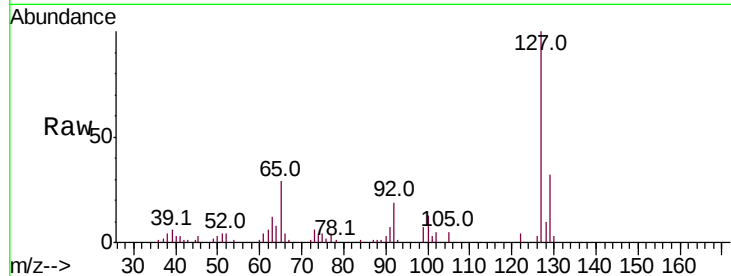




#33
4-Chloroaniline
Concen: 10.113 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

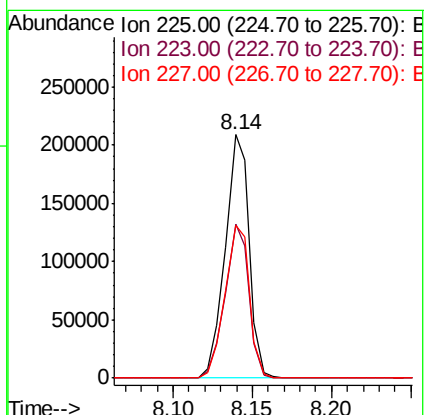
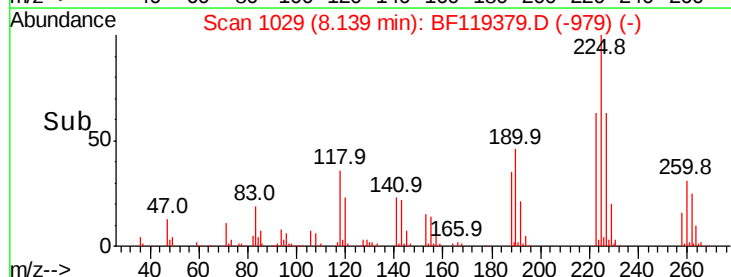
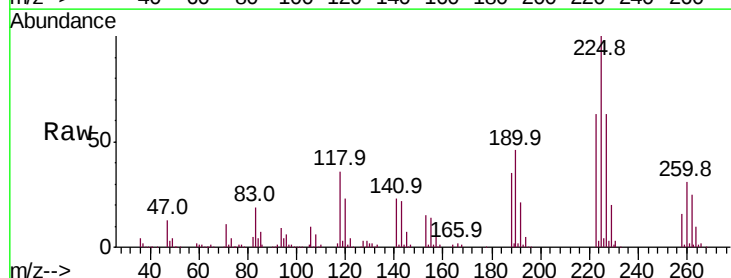
Instrument :
BNA_F
ClientSampleId :

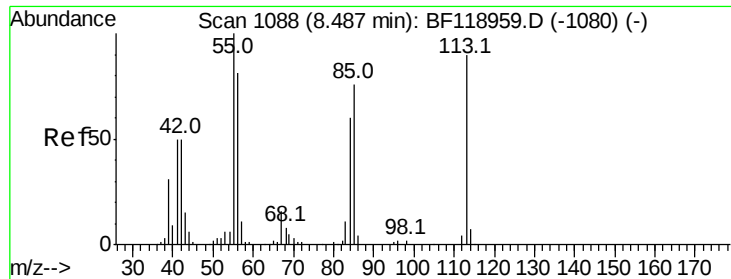
Tot Ion:127	Resp:	93389	
Ion Ratio	Lower	Upper	
127 100			
129 31.6	25.9	38.9	
65 28.8	23.9	35.9	
92 19.1	16.3	24.5	



#34
Hexachlorobutadiene
Concen: 45.107 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	225	Resp: Lower	218660 Upper
	Ratio		
225	100		
223	63.1	49.4	74.2
227	62.8	52.9	79.3

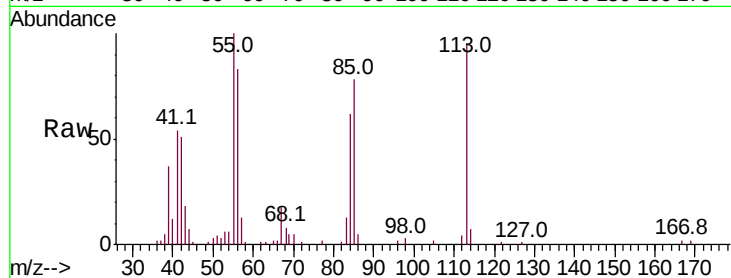




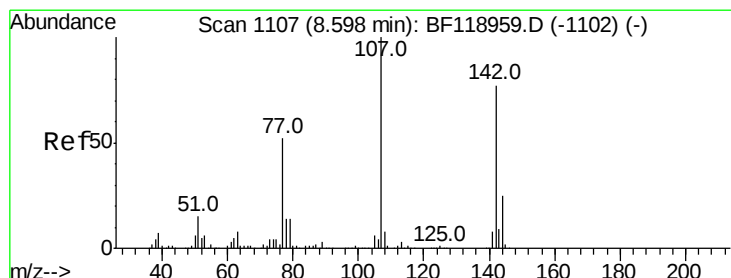
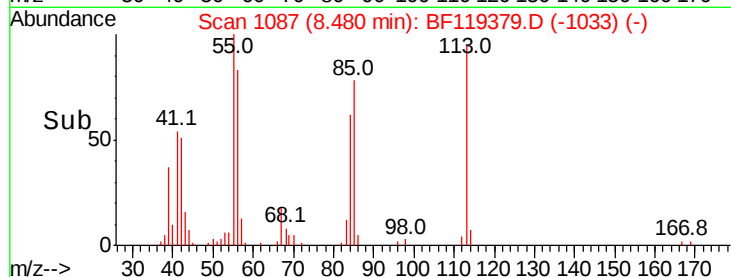
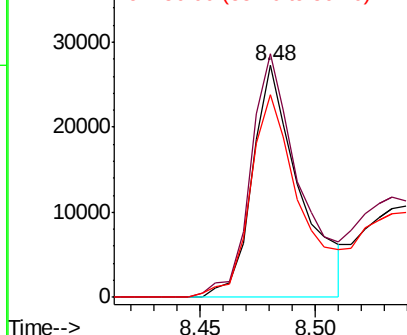
#35
Caprolactam
Concen: 19.293 ng
RT: 8.48 min Scan# 1087
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 38993
Ion Ratio Lower Upper
113 100
55 105.1 95.7 135.7
56 87.3 73.1 113.1

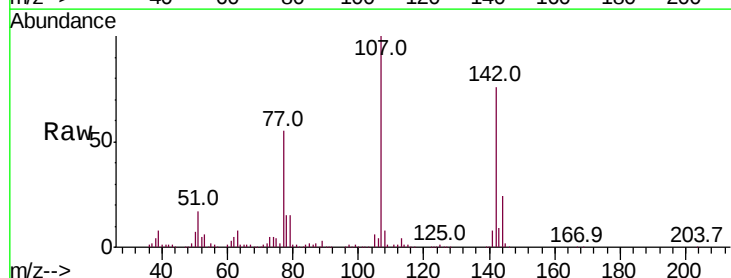


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

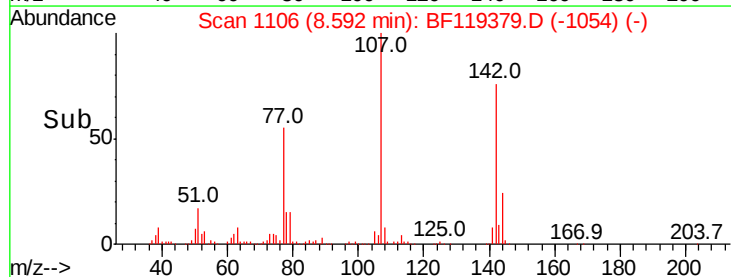
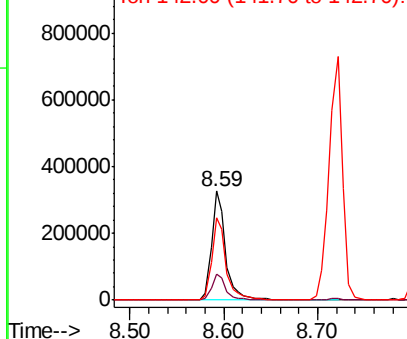


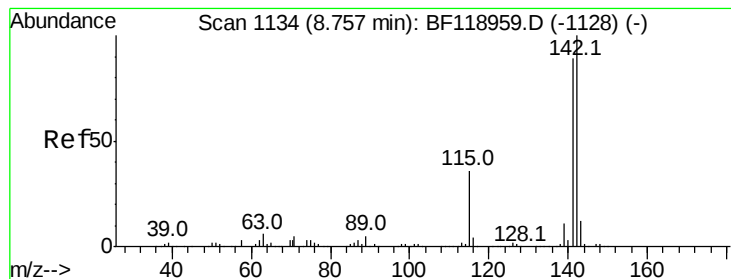
#36
4-Chloro-3-methylphenol
Concen: 52.514 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion:107 Resp: 348844
Ion Ratio Lower Upper
107 100
144 24.4 20.1 30.1
142 75.6 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.512 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampled :

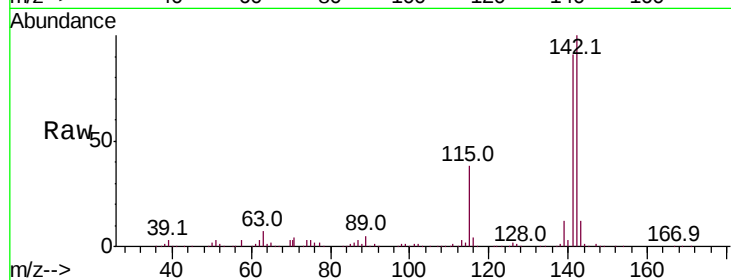
Tot Ion:142 Resp: 729824

Ion Ratio Lower Upper

142 100

141 90.7 72.3 108.5

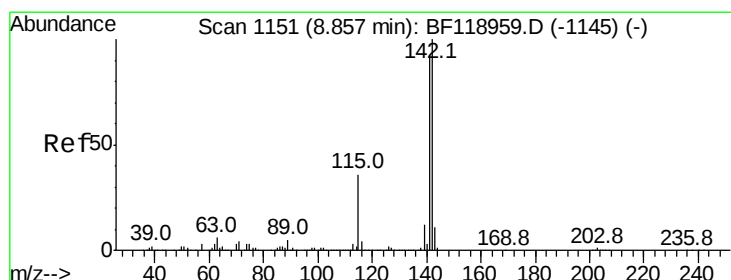
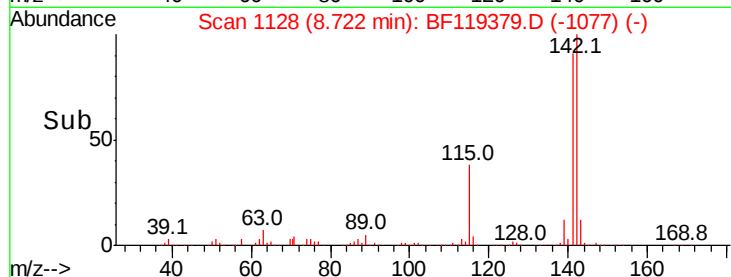
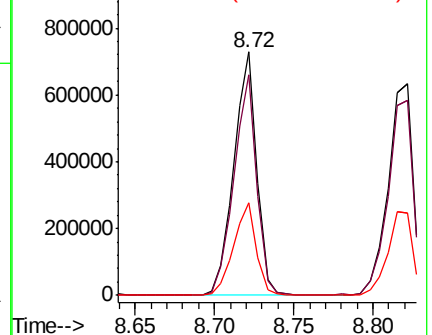
115 38.3 30.6 45.8



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: 50.920 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

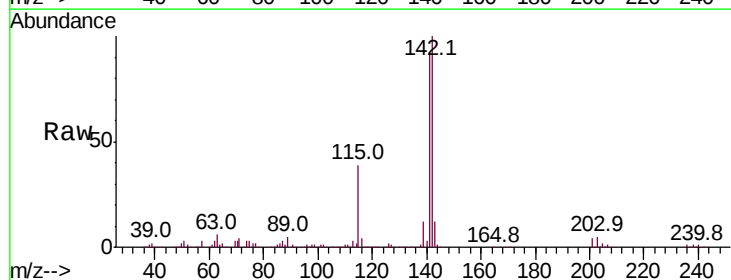
Tgt Ion:142 Resp: 691915

Ion Ratio Lower Upper

142 100

141 92.0 75.8 113.6

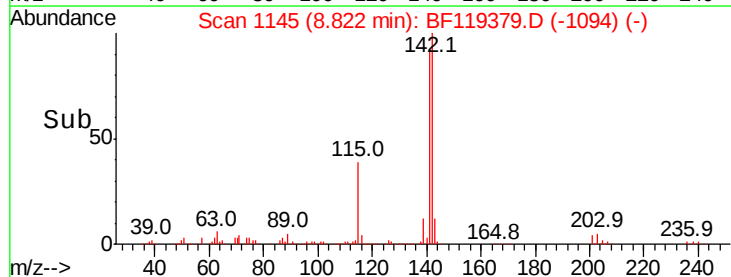
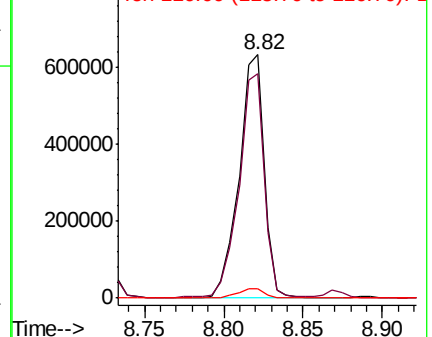
116 3.9 3.1 4.7

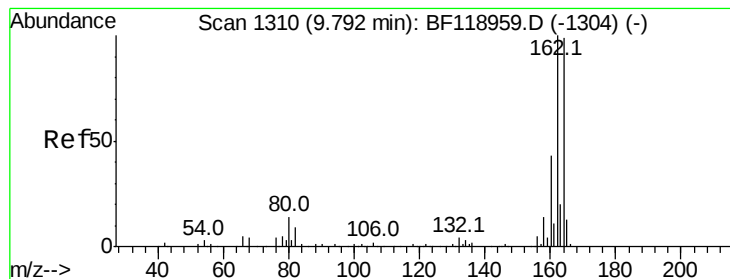


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

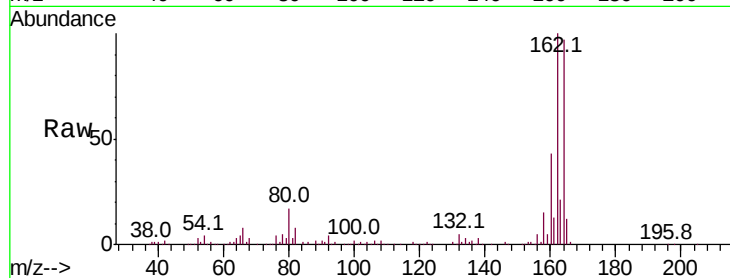
Tot Ion:164 Resp: 230097

Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.8

160 44.1 36.0 54.0

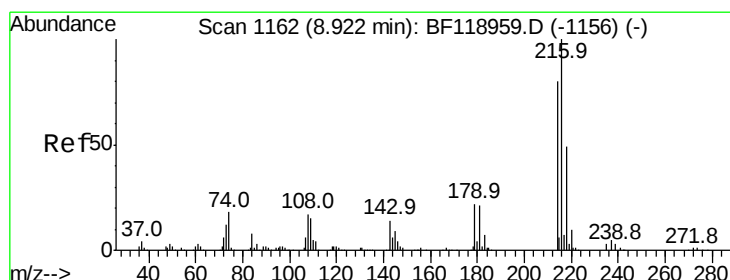
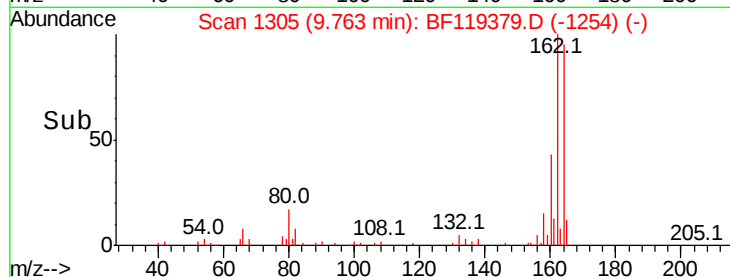
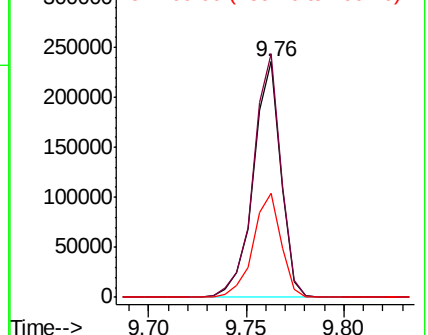


Abundance

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: 47.110 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Tgt Ion:216 Resp: 365475

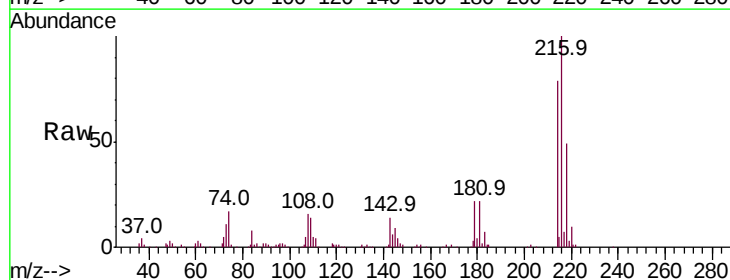
Ion Ratio Lower Upper

216 100

214 78.7 63.3 94.9

179 22.4 17.7 26.5

108 18.1 13.9 20.9



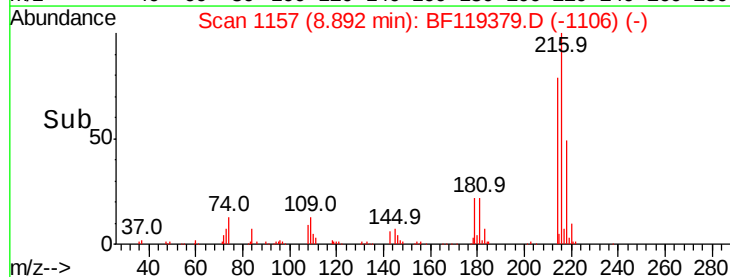
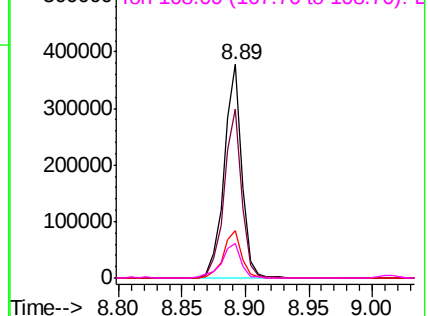
Abundance

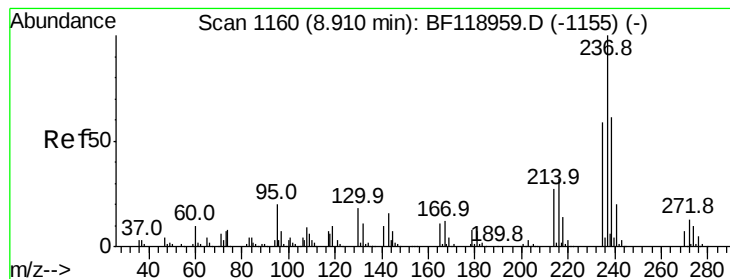
Ion 216.00 (215.70 to 216.70): E

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: 51.025 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

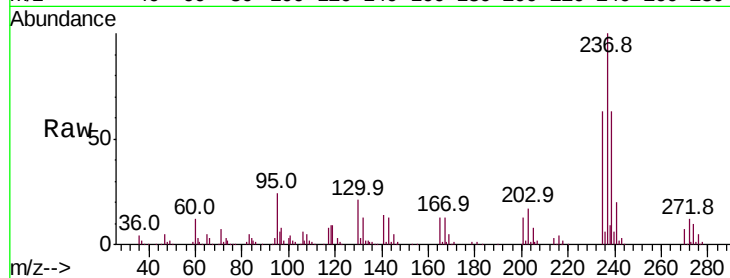
Tot Ion:237 Resp: 133200

Ion Ratio Lower Upper

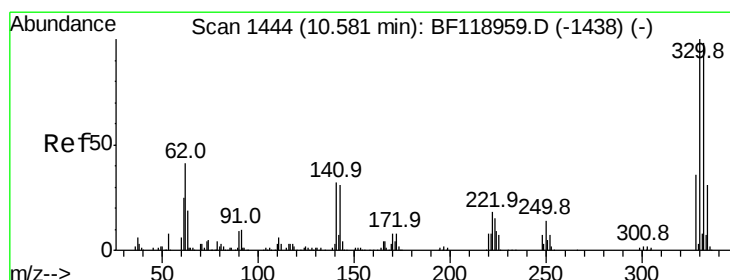
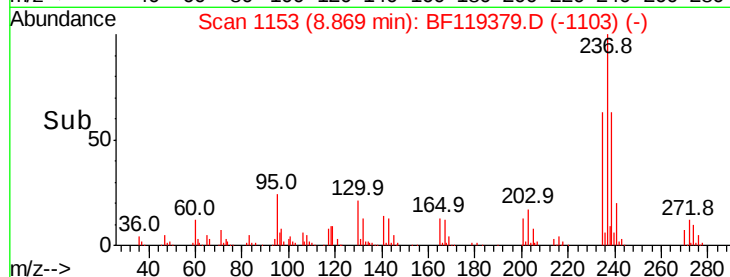
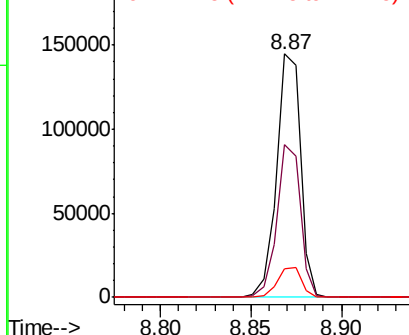
237 100

235 63.0 42.3 82.3

272 12.0 0.0 33.5



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: 152.934 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

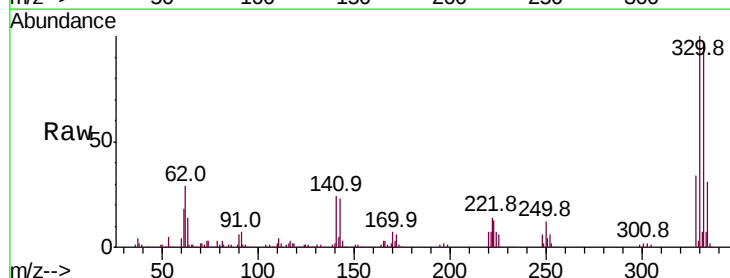
Tgt Ion:330 Resp: 460339

Ion Ratio Lower Upper

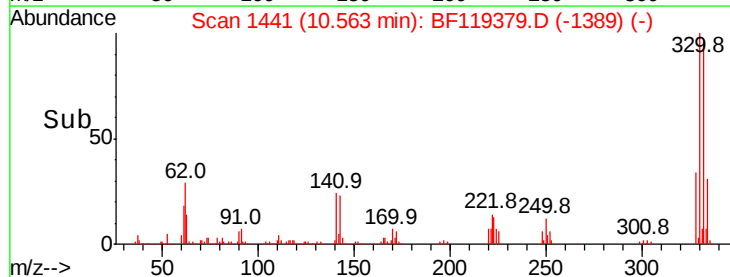
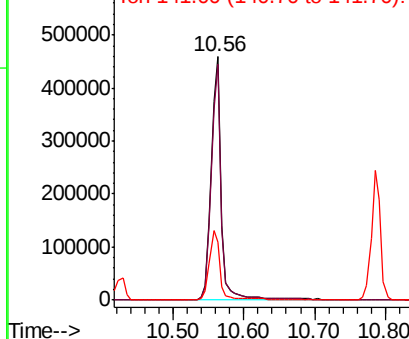
330 100

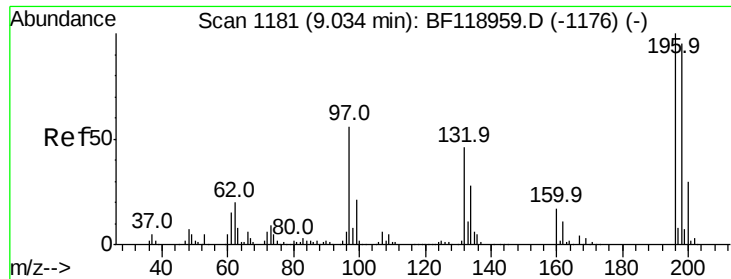
332 95.0 76.0 114.0

141 29.4 22.9 34.3



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

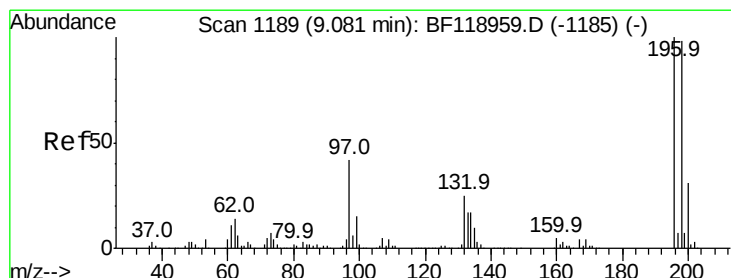
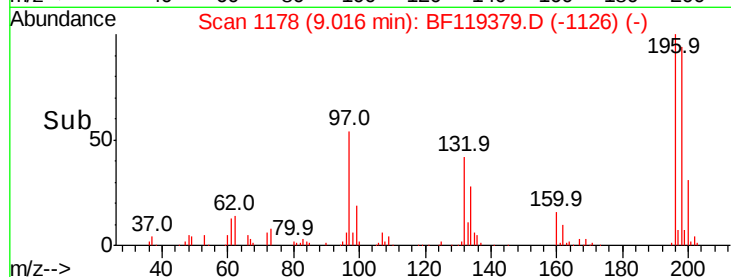
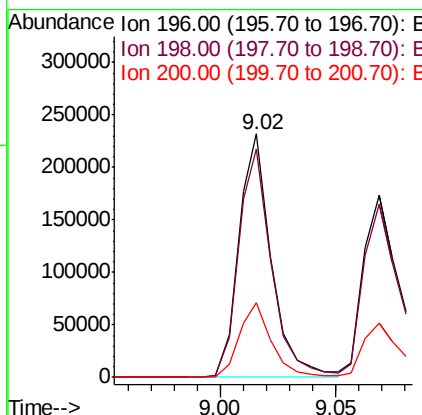
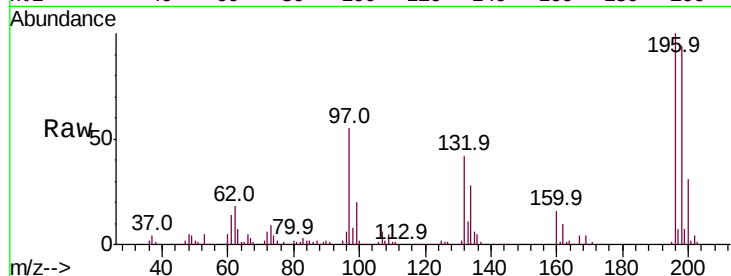




#43
 2,4,6-Trichlorophenol
 Concen: 46.461 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

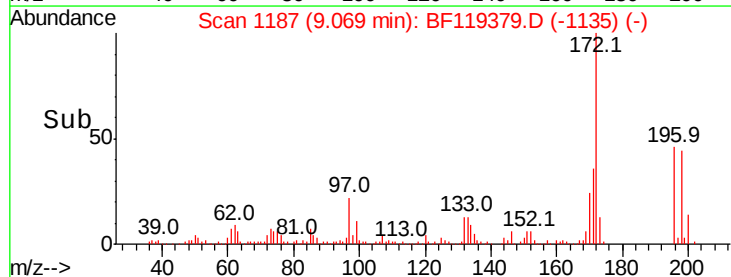
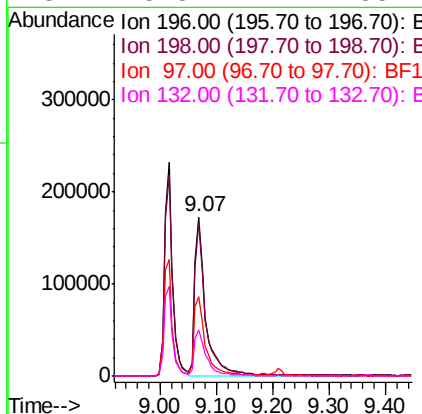
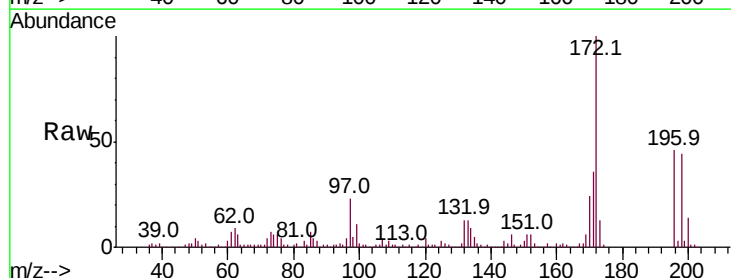
Instrument :
 BNA_F
 ClientSampled :

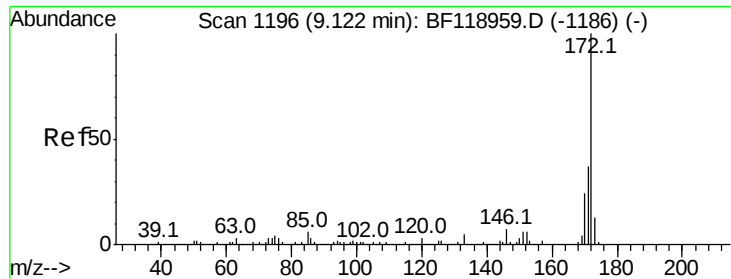
Tot Ion:	196	Resp:	227617
Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.1	115.7
200	30.7	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.536 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion:	196	Resp:	234095
Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.8	115.2
97	49.5	38.5	57.7
132	28.8	22.2	33.4



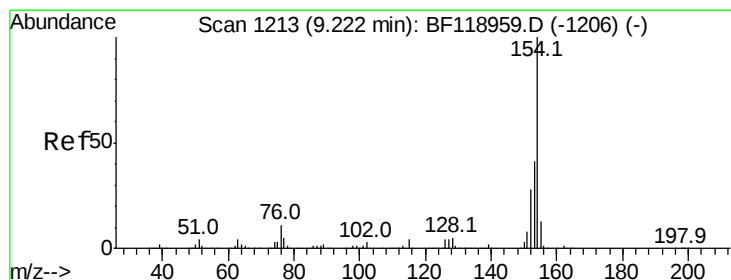
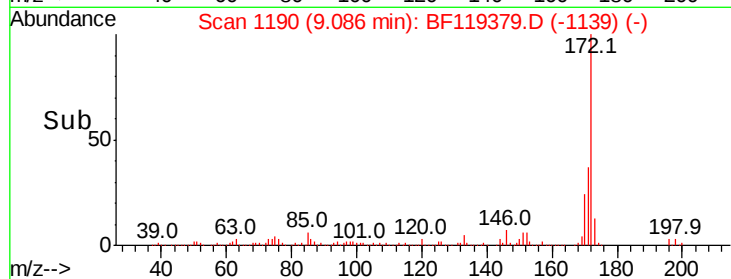
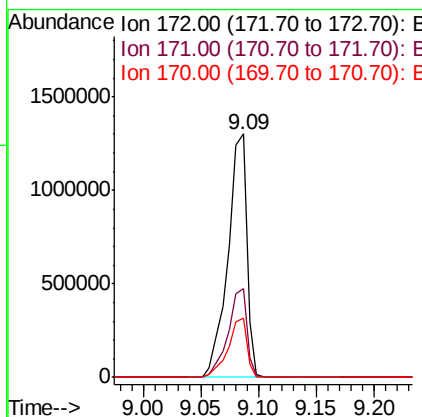
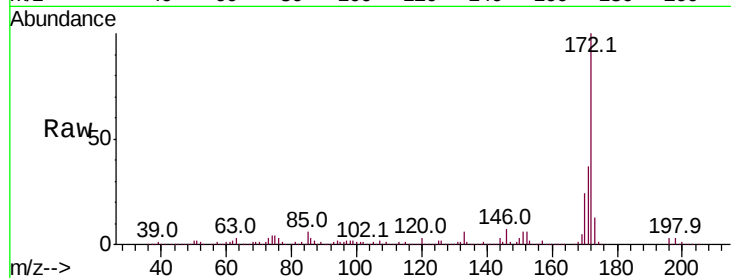


#45
 2-Fluorobiphenyl
 Concen: 95.026 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1484229

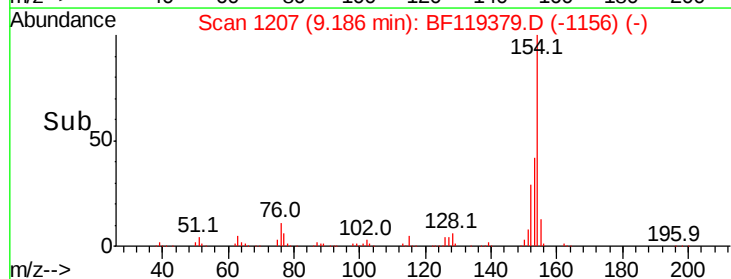
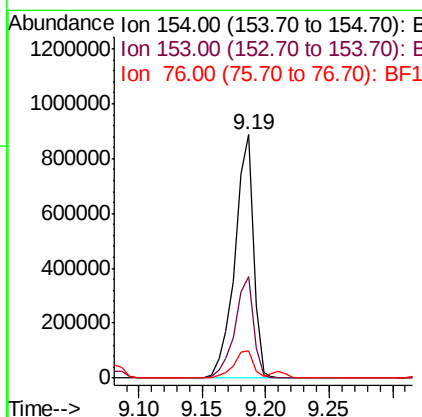
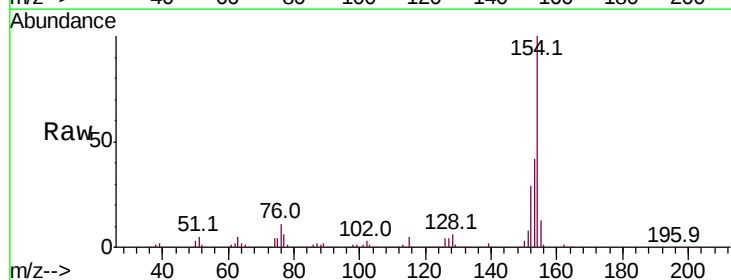
Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	45.8
170	24.4	20.2	30.2

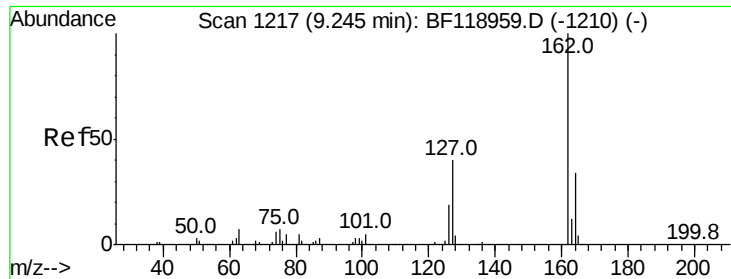


#46
 1,1'-Biphenyl
 Concen: 48.064 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion:154 Resp: 893823

Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.8	62.8
76	11.4	0.0	32.2





#47

2-Chloronaphthalene

Concen: 48.015 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

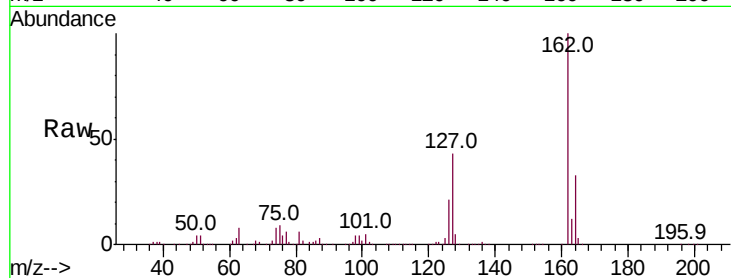
Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 719559

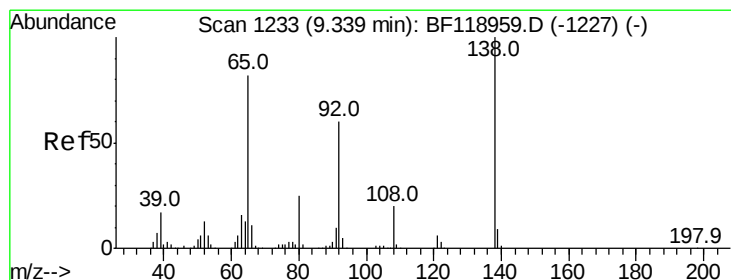
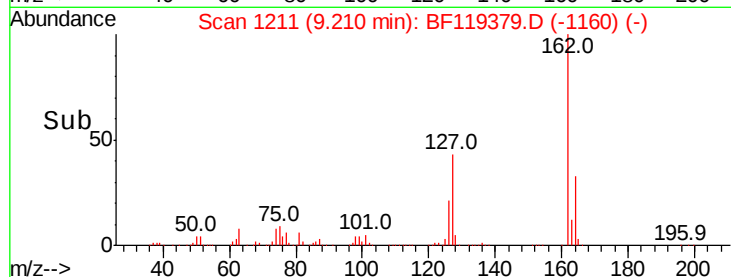
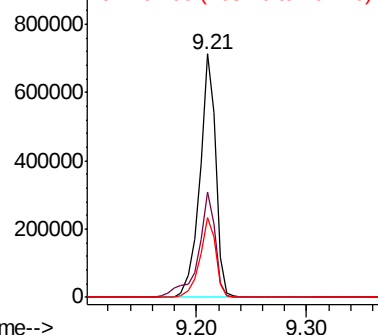
Ion	Ratio	Lower	Upper
162	100		
127	43.2	35.0	52.4
164	32.7	27.2	40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 50.488 ng

RT: 9.32 min Scan# 1230

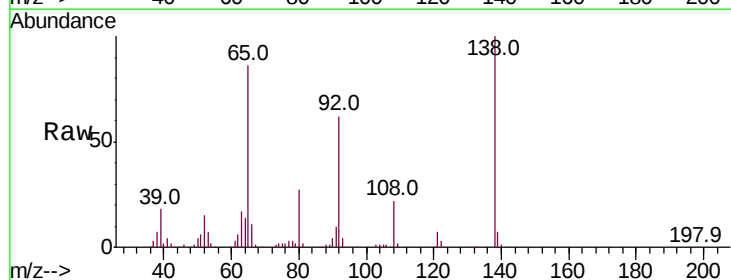
Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Tgt Ion: 65 Resp: 211034

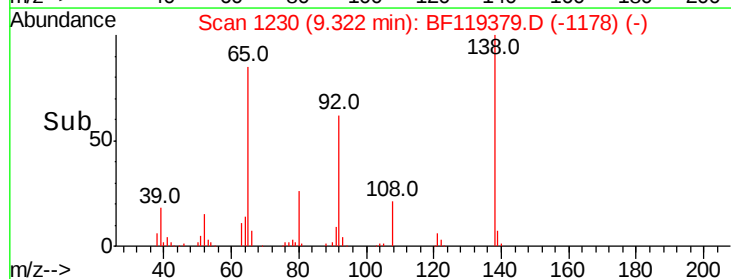
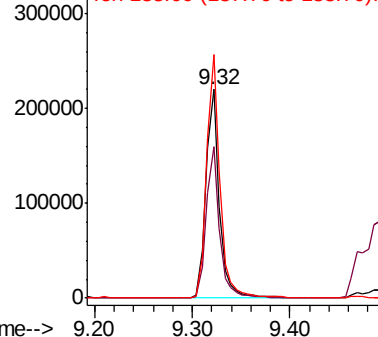
Ion	Ratio	Lower	Upper
65	100		
92	72.5	58.2	87.2
138	116.7	95.6	143.4

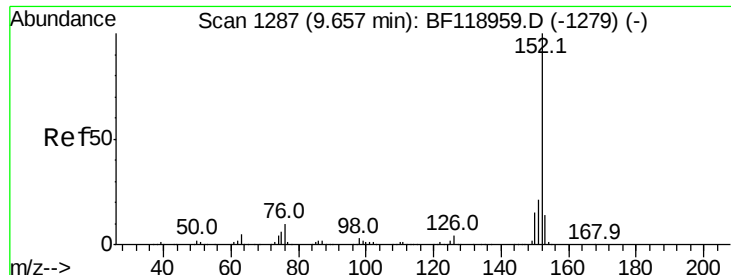


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.695 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

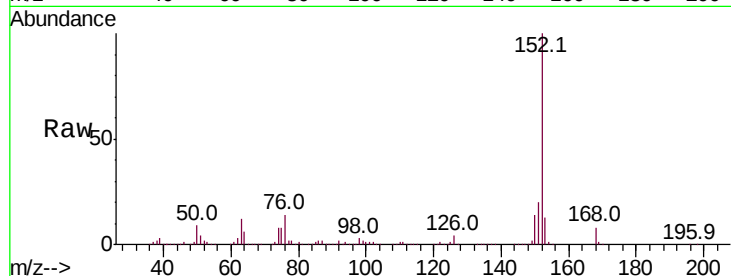
Tot Ion:152 Resp: 1075619

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

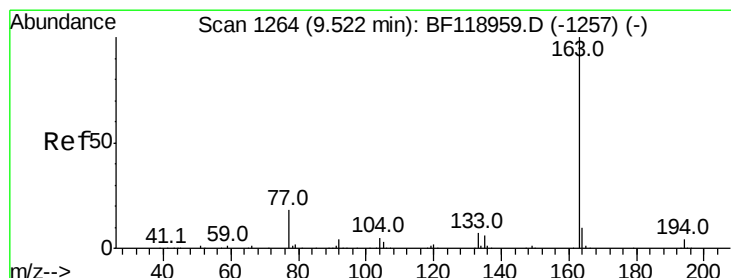
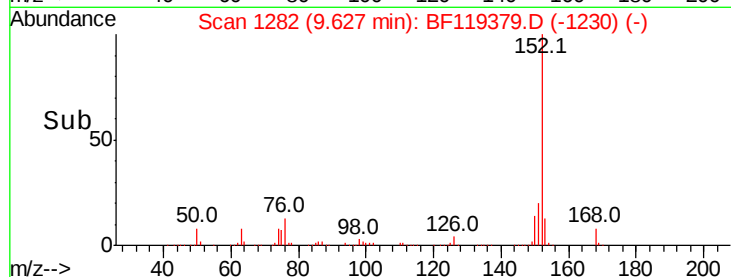
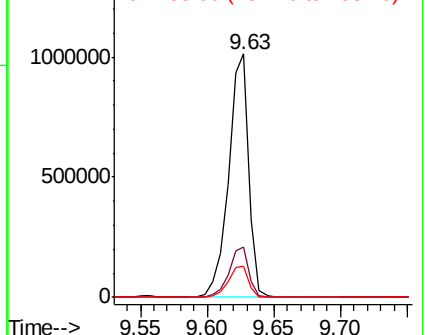
153 13.0 11.0 16.6



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: 51.311 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

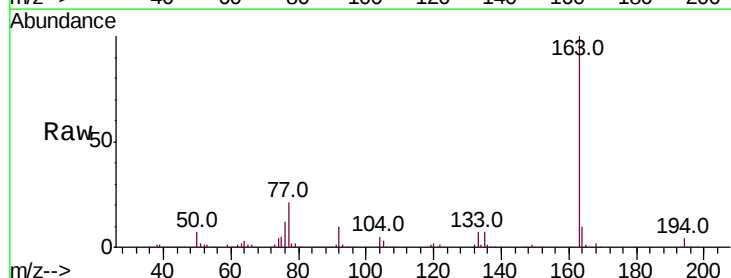
Tgt Ion:163 Resp: 902814

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

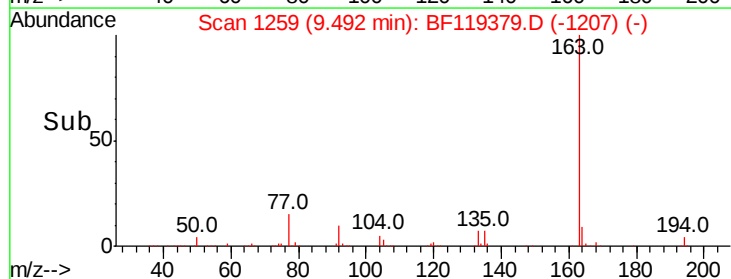
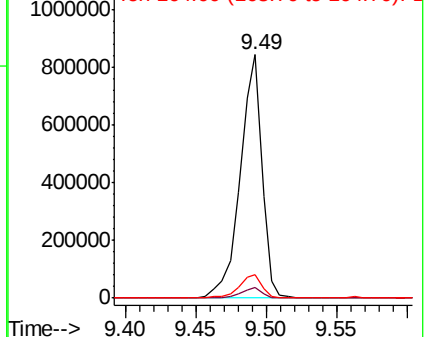
164 9.8 8.4 12.6

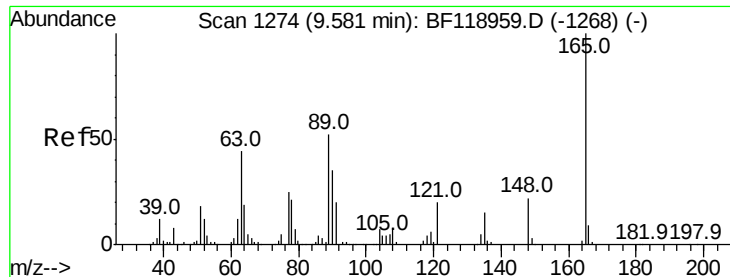


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

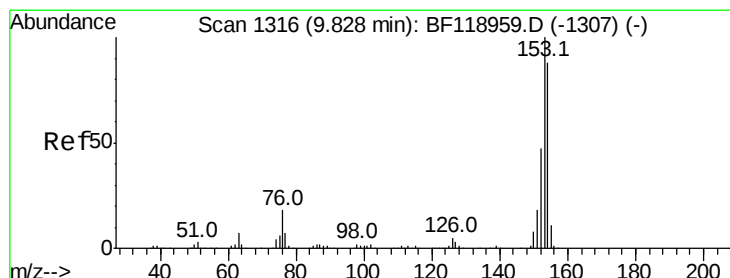
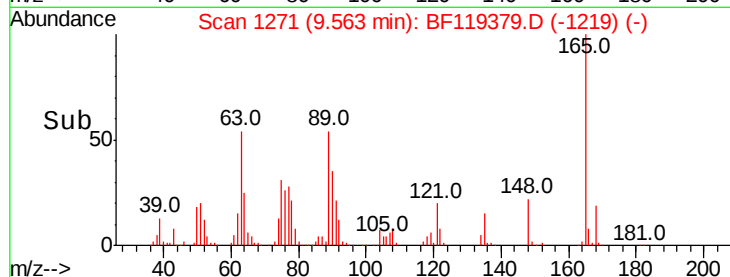
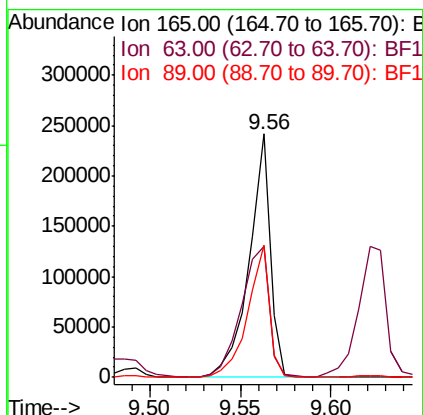
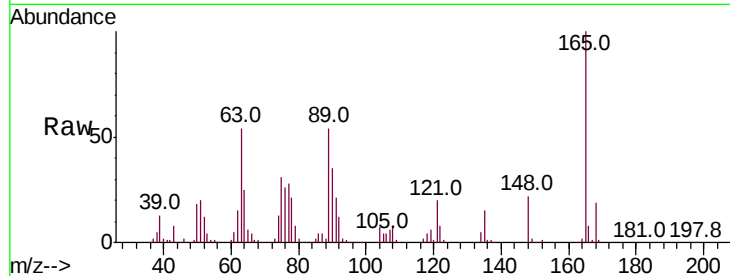




#51
 2,6-Dinitrotoluene
 Concen: 50.213 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

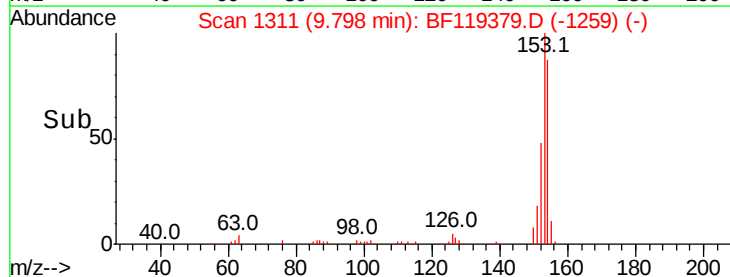
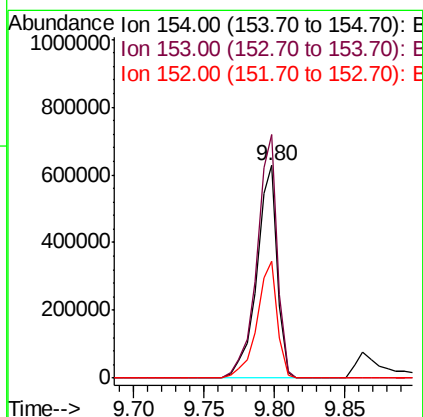
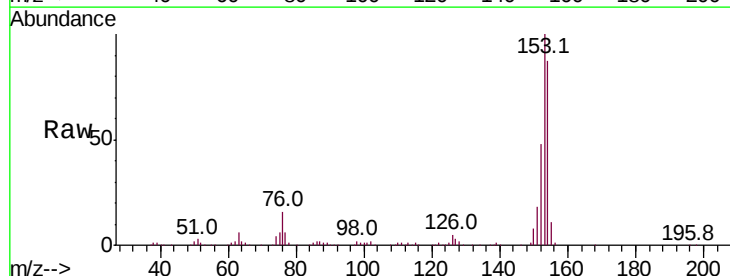
Instrument :
 BNA_F
 ClientSampled :

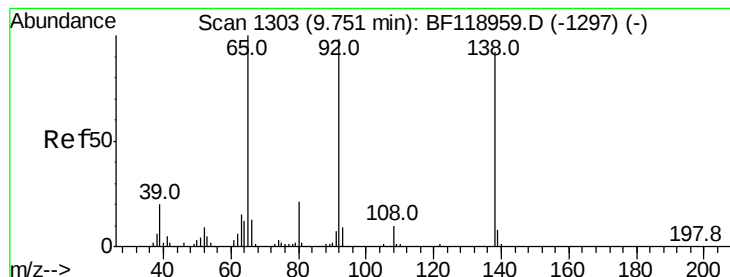
Tot Ion:165 Resp: 196289
 Ion Ratio Lower Upper
 165 100
 63 53.9 34.3 51.5#
 89 54.1 38.3 57.5



#52
 Acenaphthene
 Concen: 49.459 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion:154 Resp: 645500
 Ion Ratio Lower Upper
 154 100
 153 114.6 90.3 135.5
 152 55.2 43.8 65.8





#53

3-Nitroaniline

Concen: 15.199 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

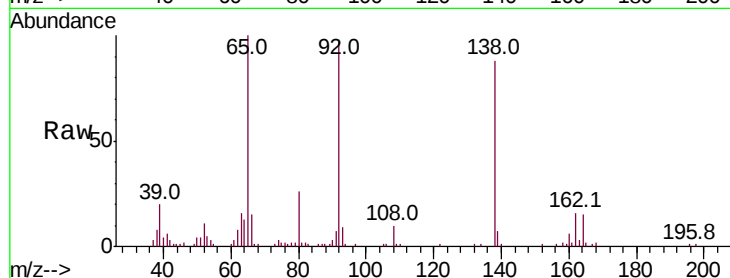
Tot Ion:138 Resp: 65869

Ion Ratio Lower Upper

138 100

108 11.7 8.8 13.2

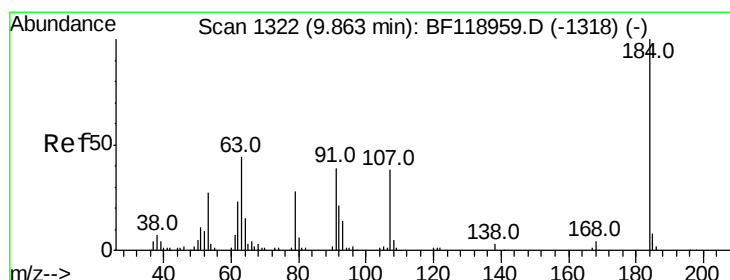
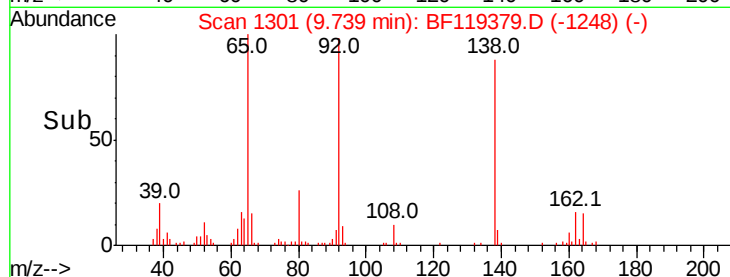
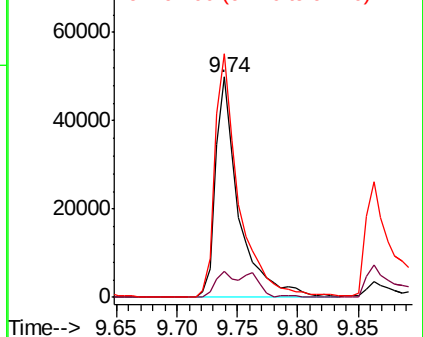
92 110.6 84.8 127.2



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: 89.939 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

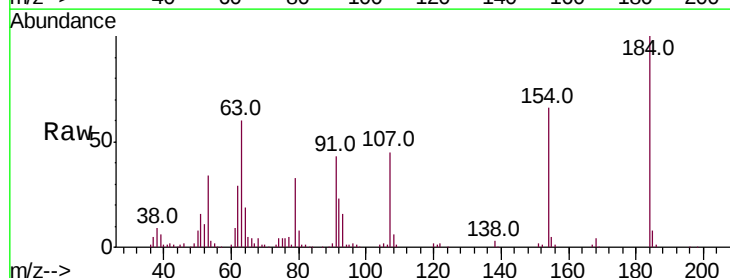
Tgt Ion:184 Resp: 172822

Ion Ratio Lower Upper

184 100

63 60.2 38.7 58.1#

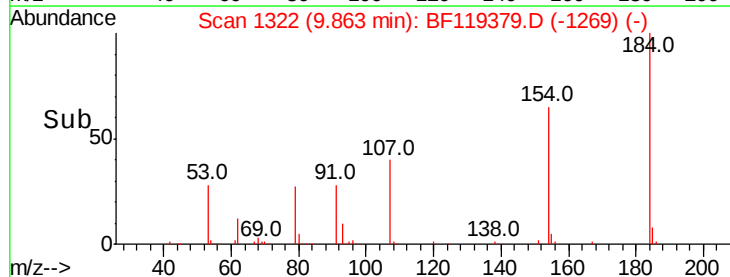
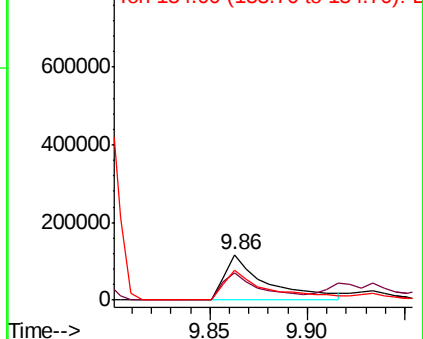
154 65.6 49.7 74.5

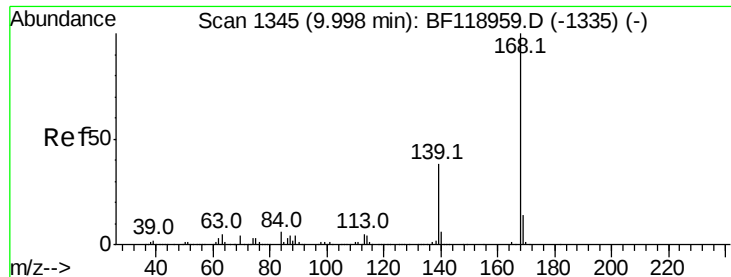


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

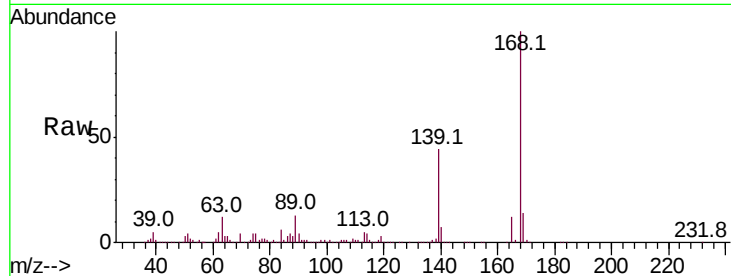




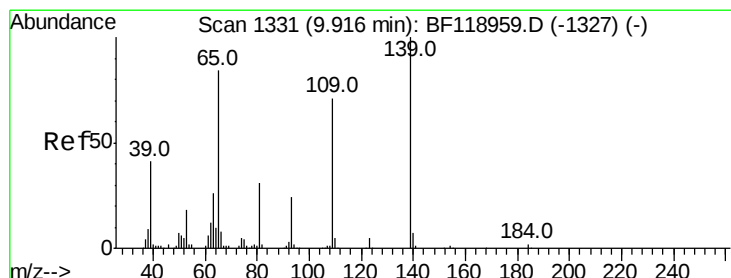
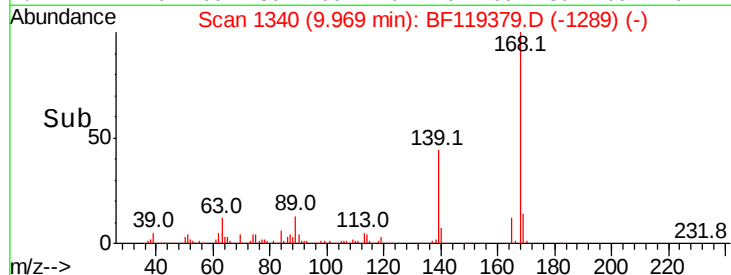
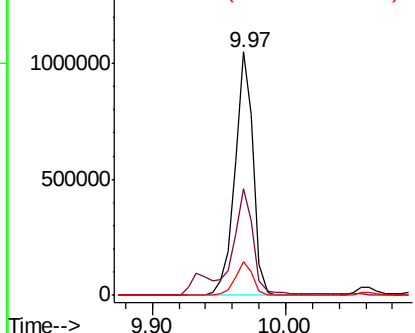
#55
 Dibenzofuran
 Concen: 51.191 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.0	34.0	51.0
169	13.8	11.0	16.4

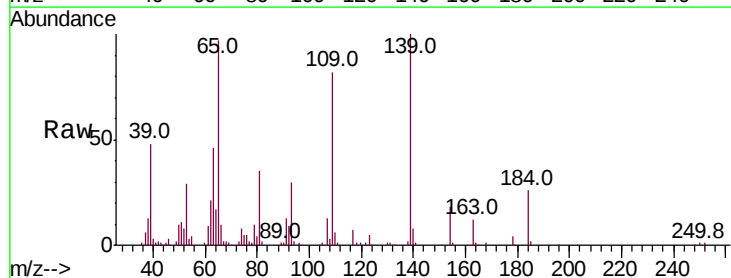


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

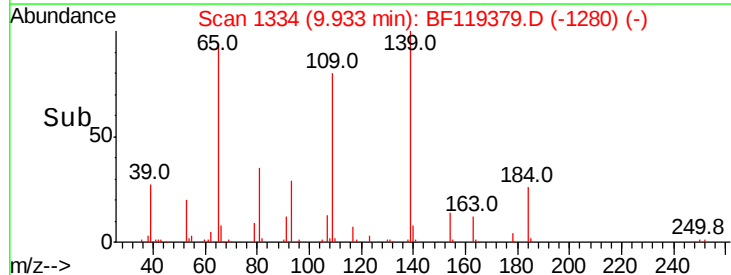
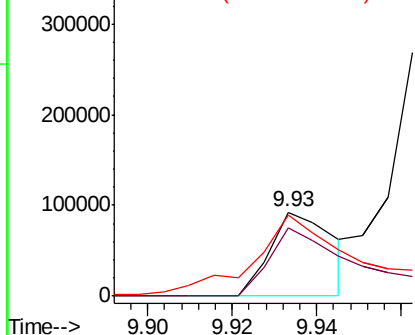


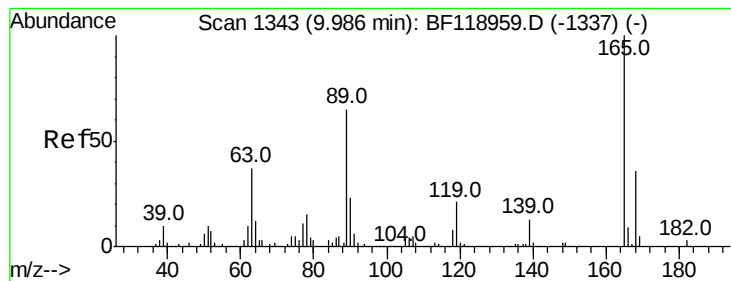
#56
 4-Nitrophenol
 Concen: 37.006 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.6	56.7	96.7
65	96.7	65.0	105.0



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

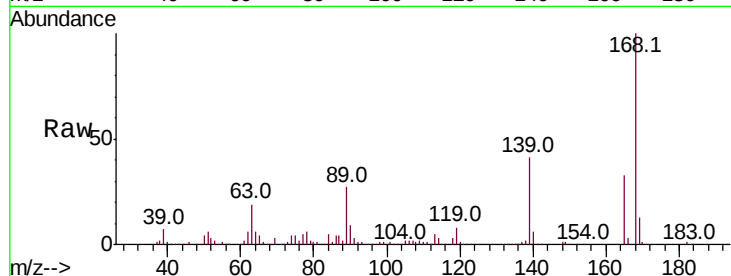




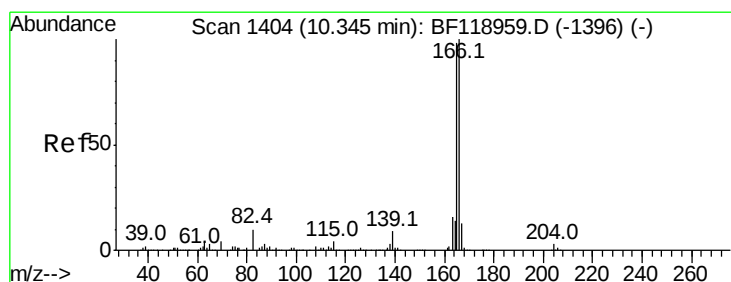
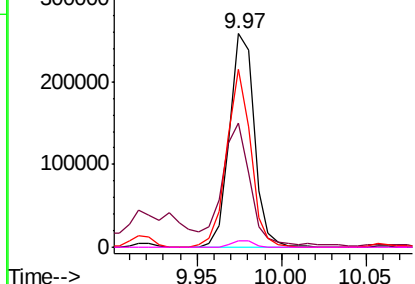
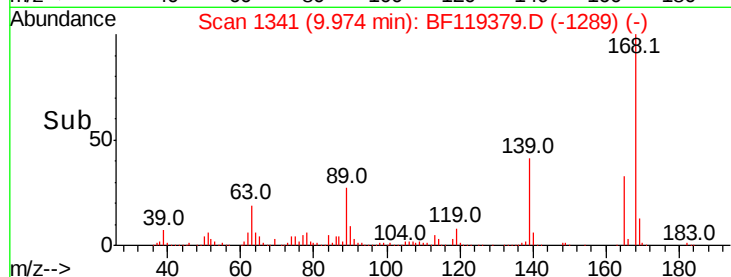
#57
 2,4-Dinitrotoluene
 Concen: 51.973 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	263343
Ion Ratio	Lower	Upper
165	100	
63	58.4	42.3 63.5
89	83.1	60.2 90.4
182	3.1	2.3 3.5

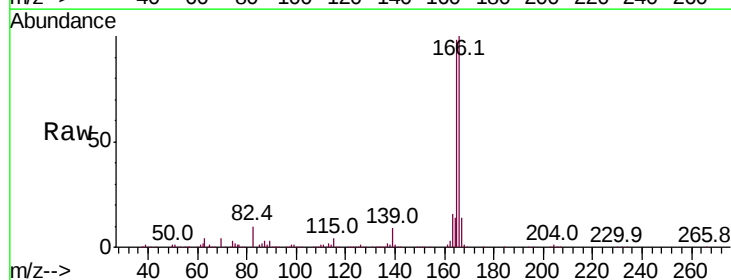


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

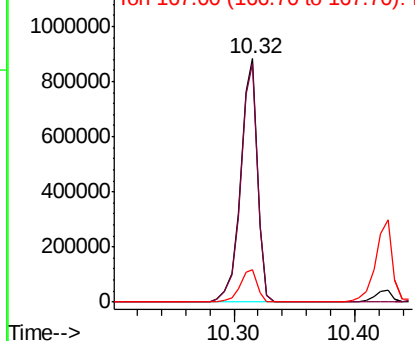
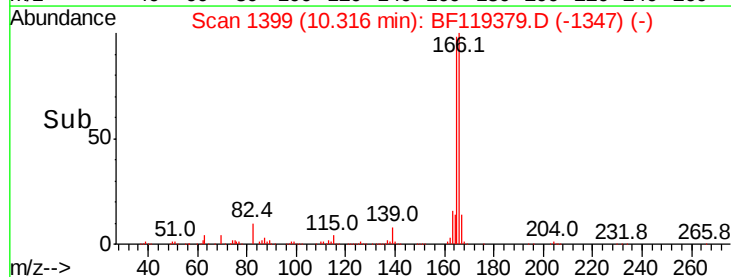


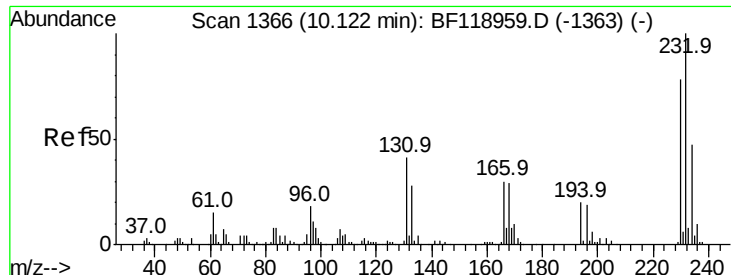
#58
 Fluorene
 Concen: 56.627 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion:166	Resp:	857164
Ion Ratio	Lower	Upper
166	100	
165	97.8	78.5 117.7
167	13.5	11.0 16.4



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: 50.097 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 217312

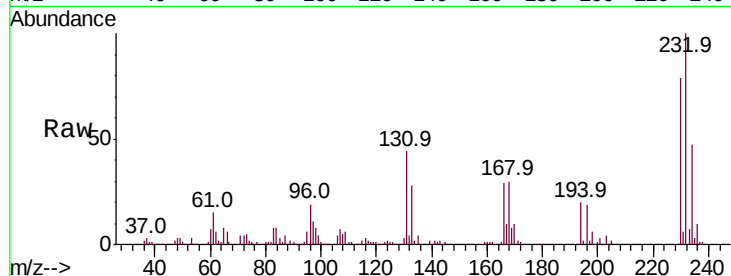
Ion Ratio Lower Upper

232 100

131 43.2 33.8 50.8

130 2.6 1.8 2.6

166 29.3 23.0 34.4

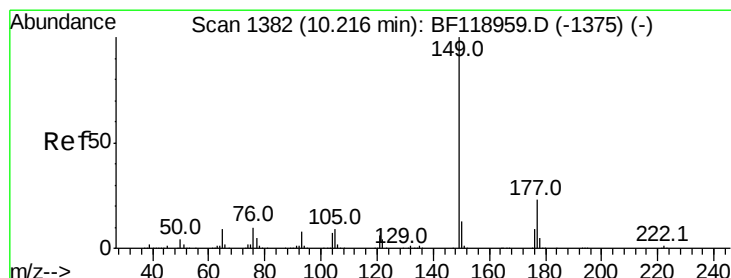
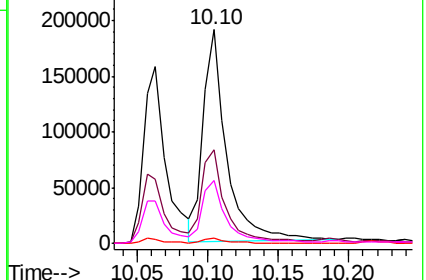
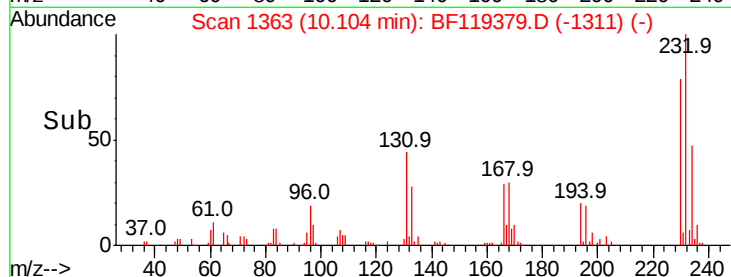


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 53.112 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

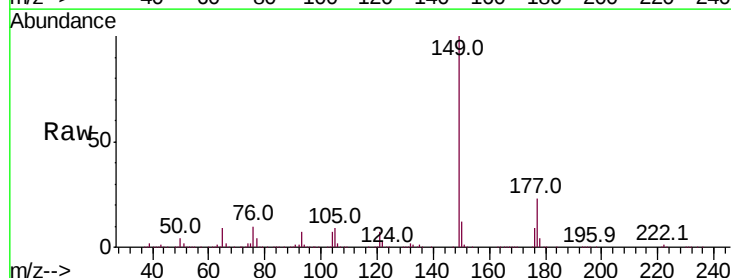
Tgt Ion:149 Resp: 880655

Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.2

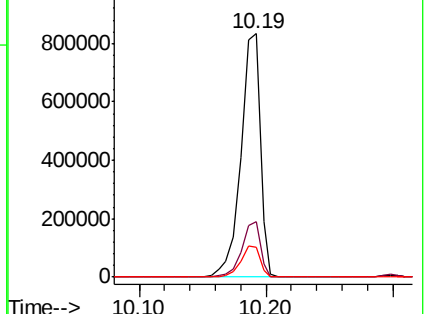
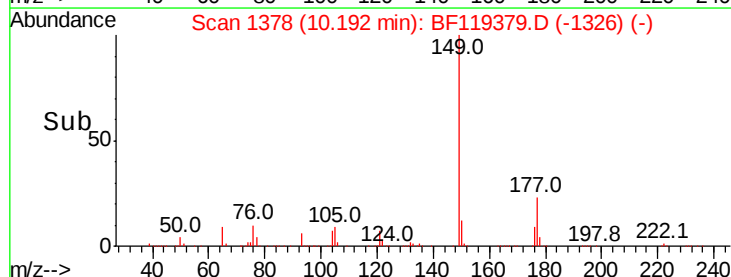
150 12.5 10.5 15.7

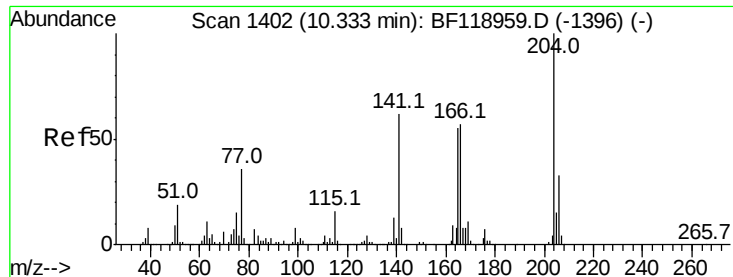


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

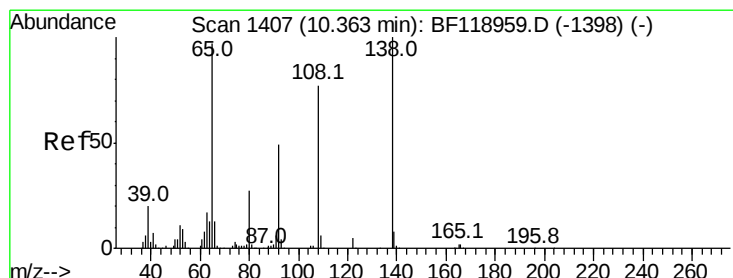
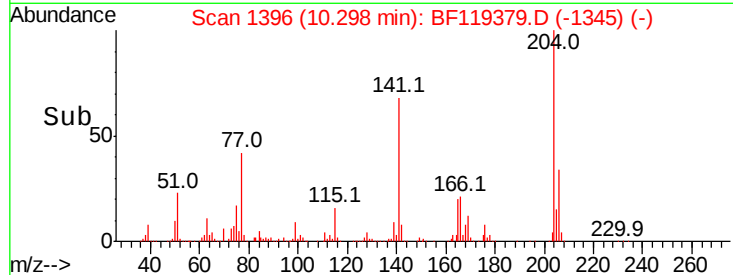
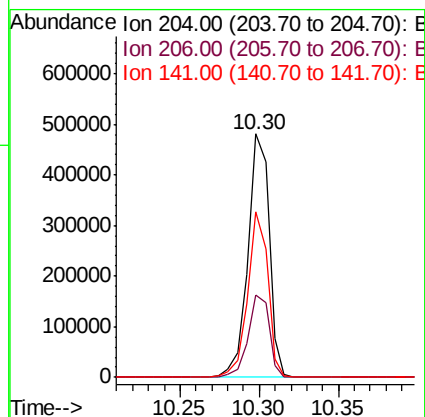
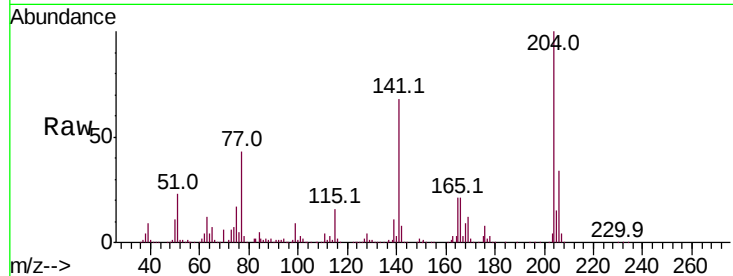




#61
 4-Chlorophenyl-phenylether
 Concen: 55.680 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

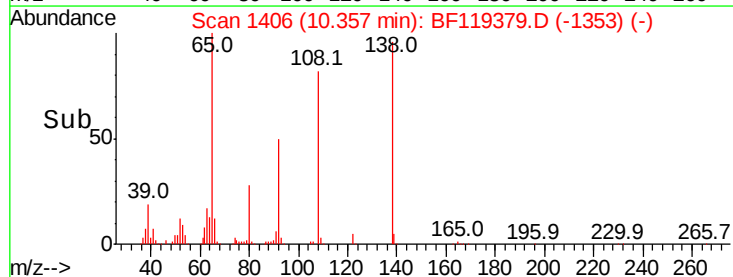
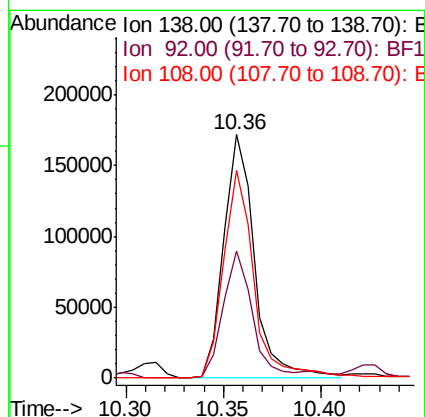
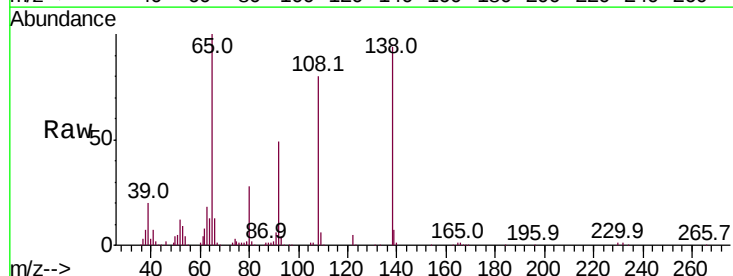
Instrument :
 BNA_F
 ClientSampleId :

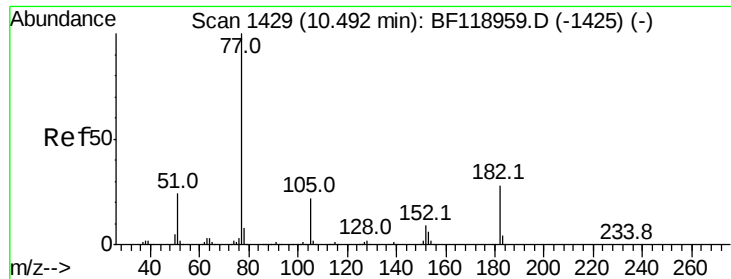
Tot Ion:204	Resp: 446130
Ion Ratio	Lower Upper
204 100	
206 33.7	27.1 40.7
141 67.8	52.9 79.3



#62
 4-Nitroaniline
 Concen: 42.538 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion	Ion:138	Resp:	188610
	Ratio	Lower	Upper
138	100		
92	52.4	27.3	67.3
108	85.6	57.0	97.0

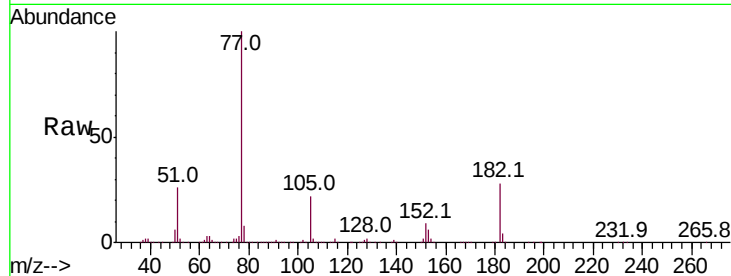




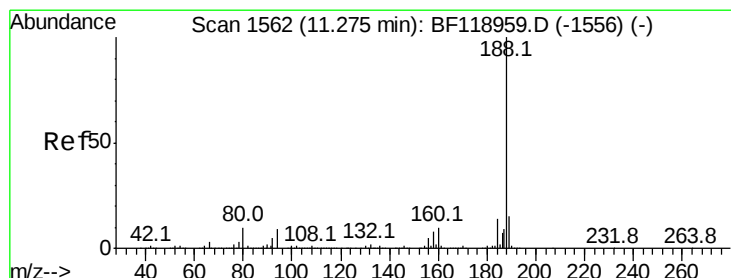
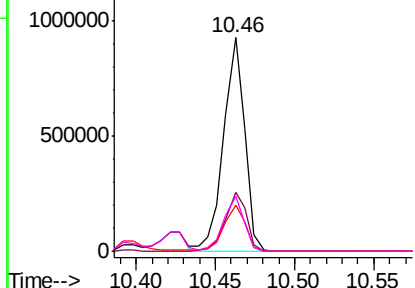
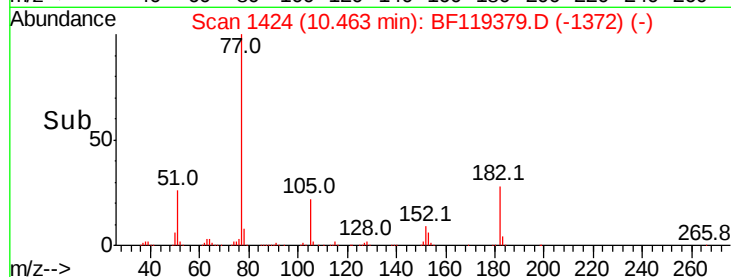
#63
Azobenzene
Concen: 59.143 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.8	11.4	51.4
105	21.8	3.4	43.4
51	25.6	5.1	45.1

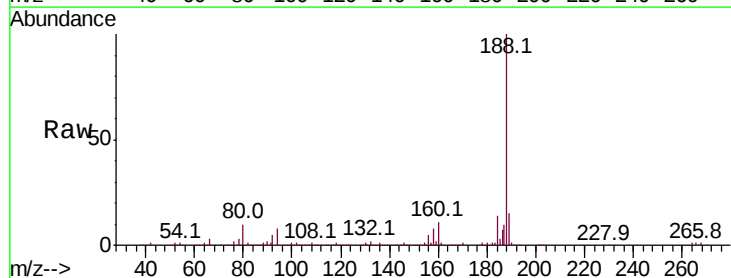


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

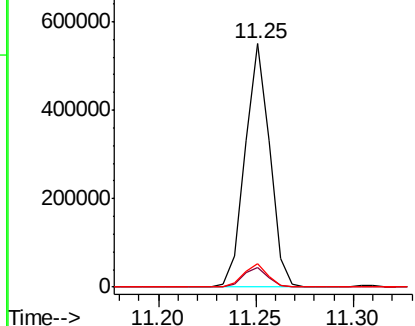
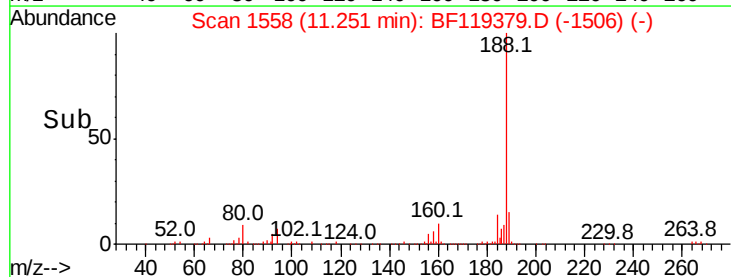


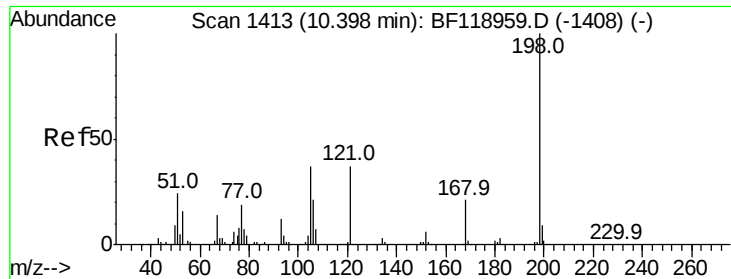
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	9.6	7.8	11.8



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

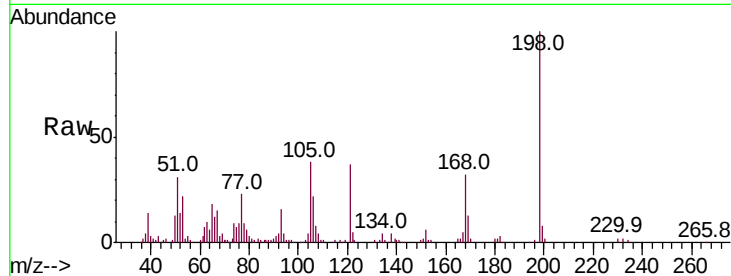




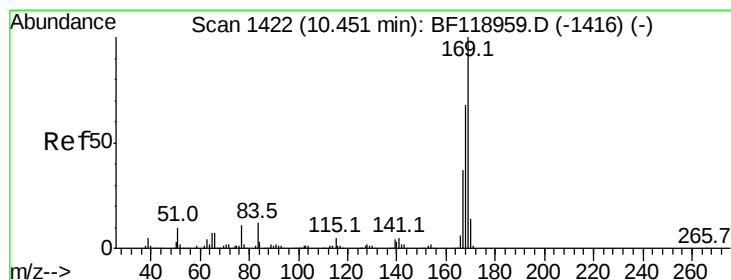
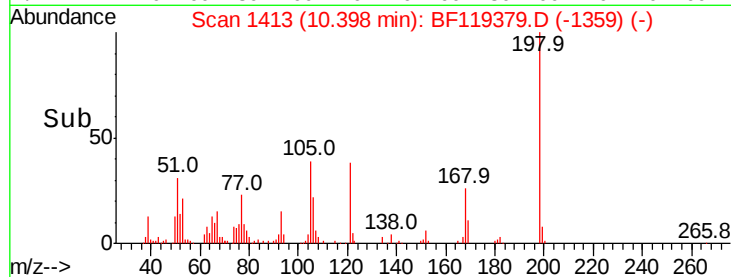
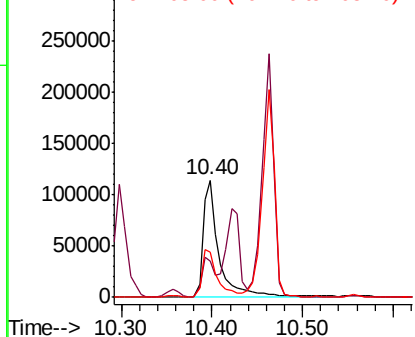
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.254 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.02 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 143841
 Ion Ratio Lower Upper
 198 100
 51 30.9 14.2 54.2
 105 38.3 22.7 62.7

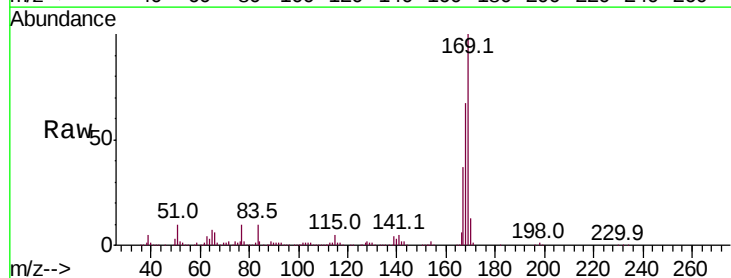


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

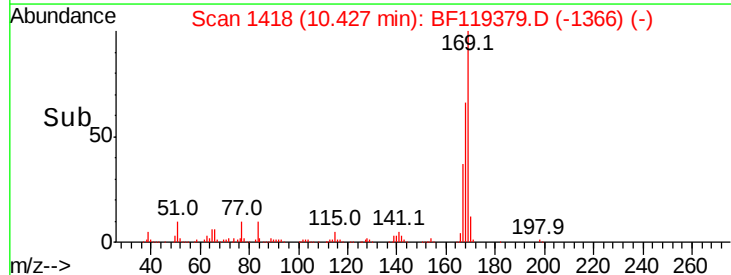
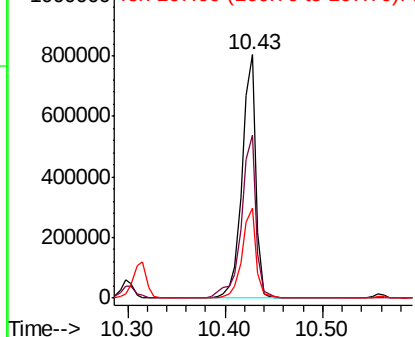


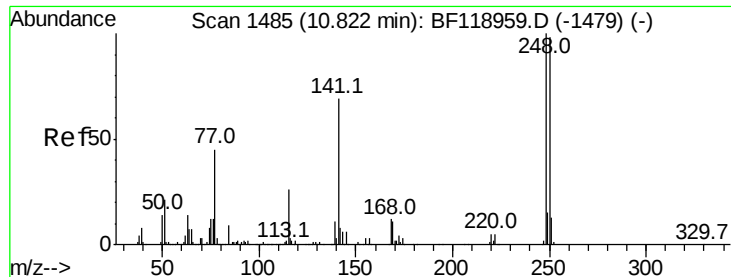
#66
 n-Nitrosodiphenylamine
 Concen: 49.608 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion:169 Resp: 783946
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.1 81.1
 167 37.1 29.4 44.0



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

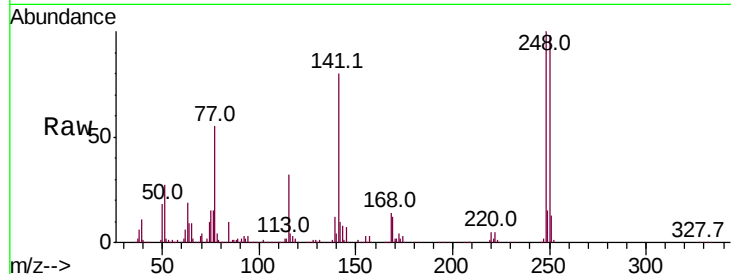




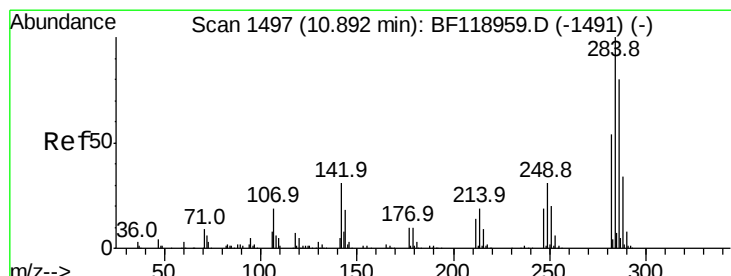
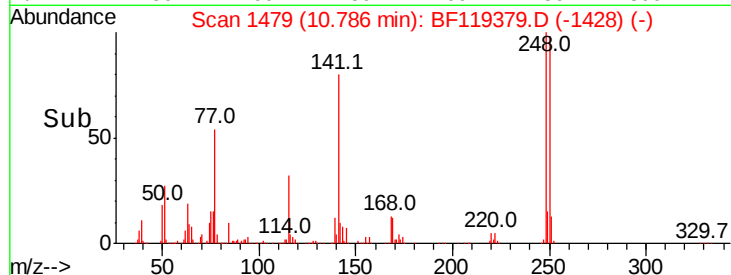
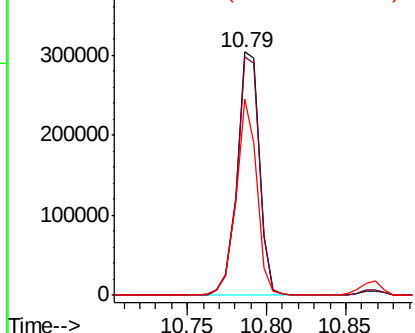
#67
4-Bromophenyl-phenylether
Concen: 47.057 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 296860
Ion Ratio Lower Upper
248 100
250 97.9 76.7 115.1
141 80.5 60.7 91.1

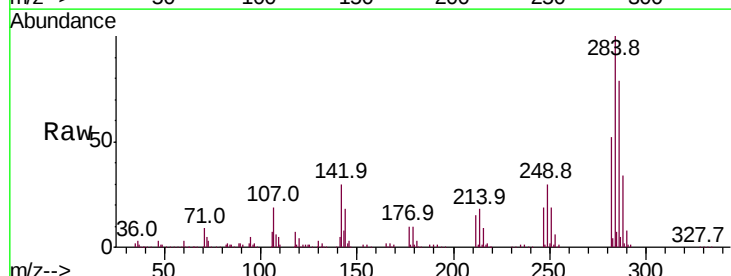


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

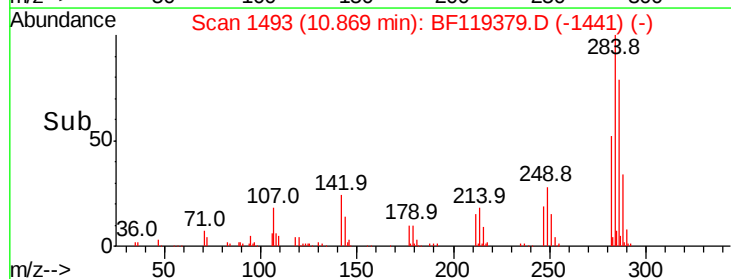
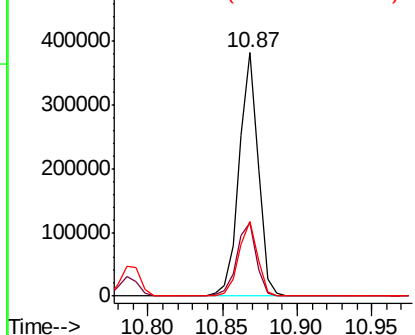


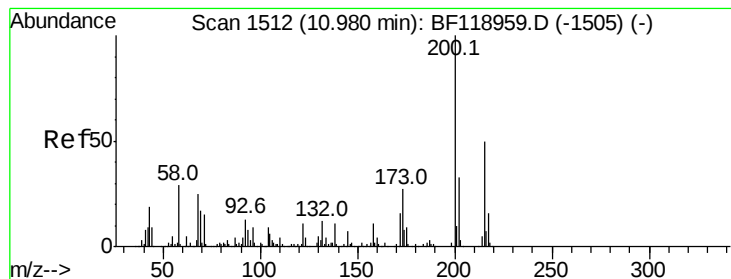
#68
Hexachlorobenzene
Concen: 46.942 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion:284 Resp: 341429
Ion Ratio Lower Upper
284 100
142 30.0 23.7 35.5
249 30.4 25.0 37.6



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





#69

Atrazine

Concen: 47.155 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

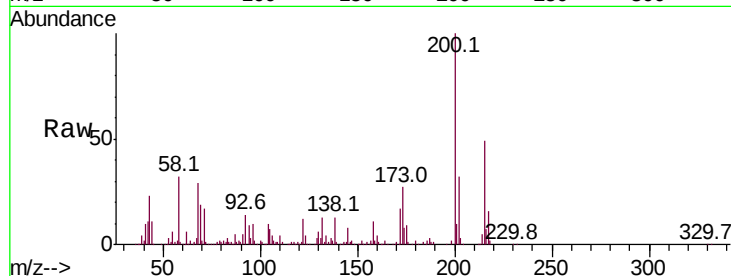
Tot Ion:200 Resp: 260360

Ion Ratio Lower Upper

200 100

173 26.7 6.4 46.4

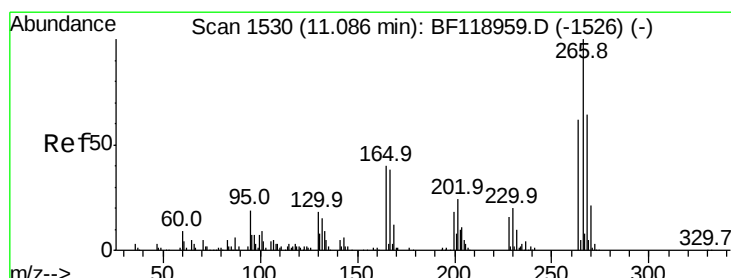
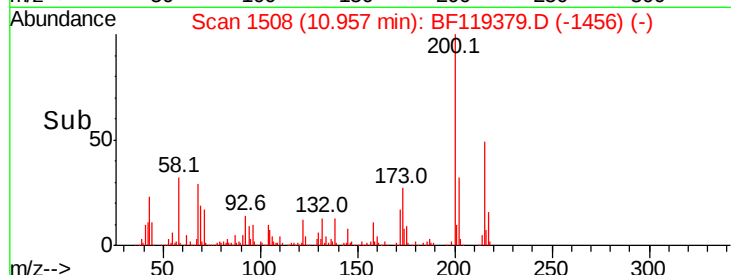
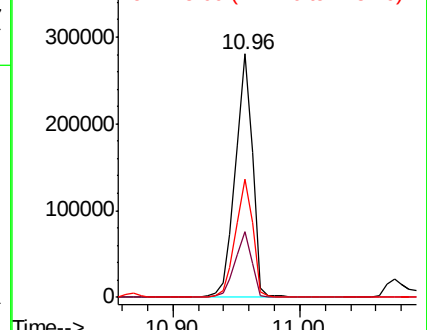
215 48.5 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 73.432 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

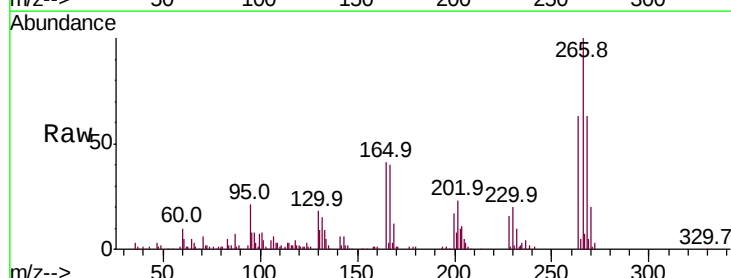
Tgt Ion:266 Resp: 215147

Ion Ratio Lower Upper

266 100

268 62.6 51.9 77.9

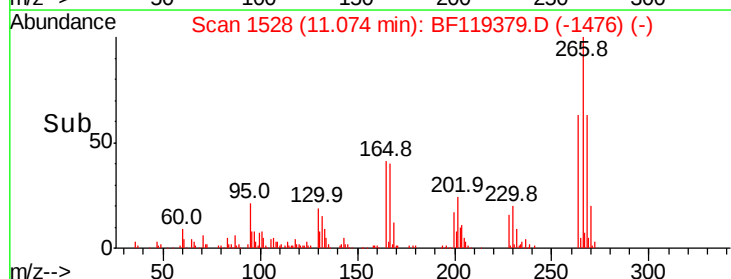
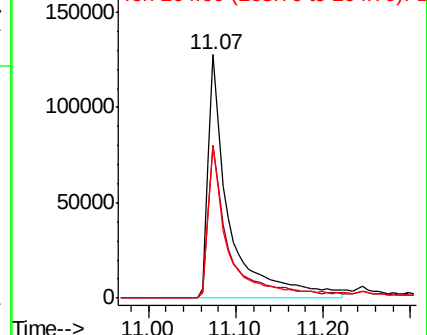
264 62.8 51.0 76.4

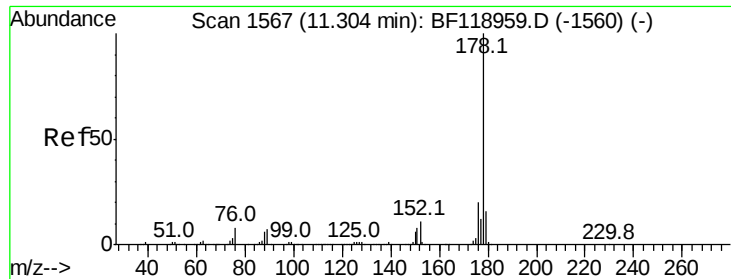


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.028 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

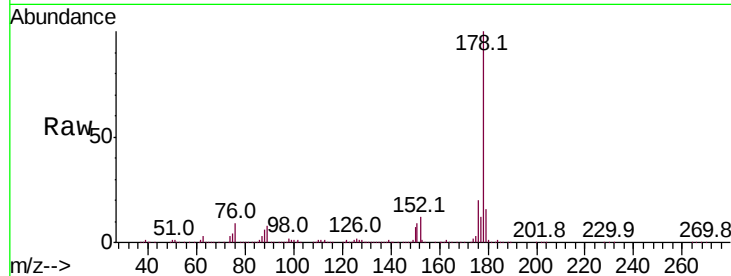
Tot Ion:178 Resp: 1290421

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

179 16.2 13.0 19.6

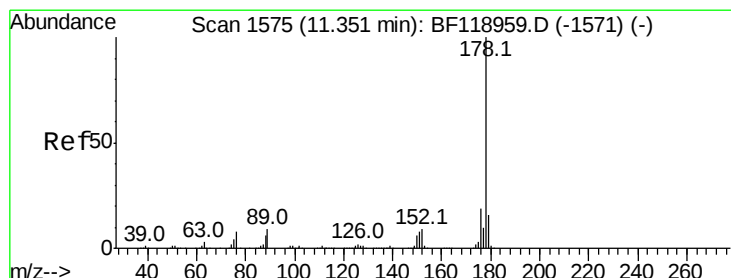
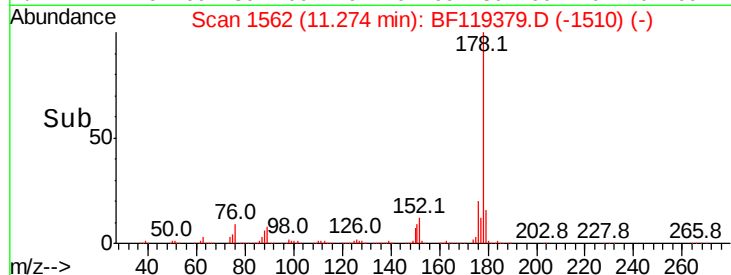
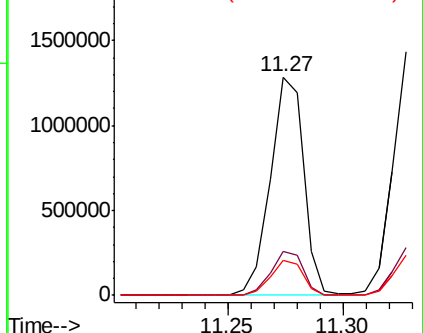


Abundance

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: 50.443 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

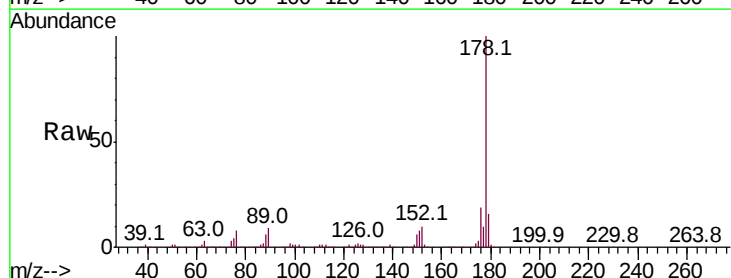
Tgt Ion:178 Resp: 1326562

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 16.2 13.1 19.7

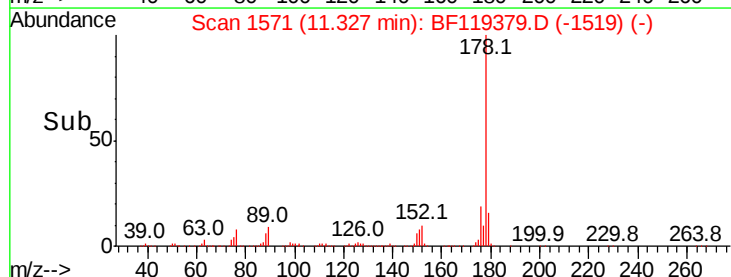
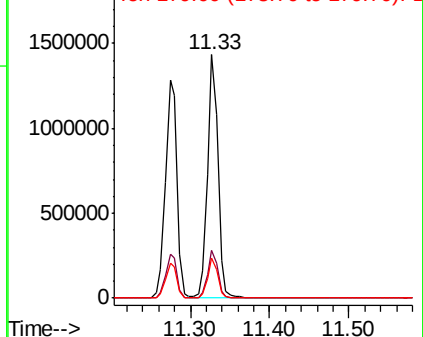


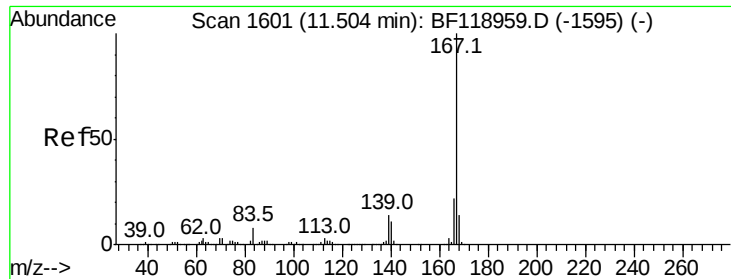
Abundance

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



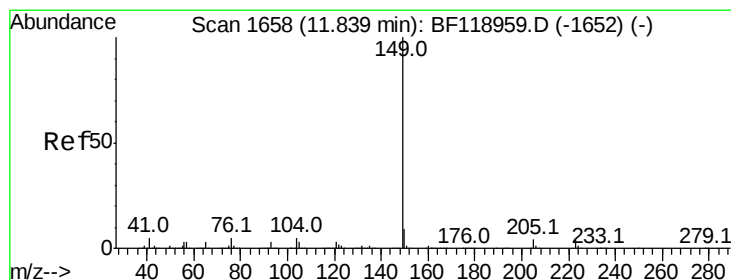
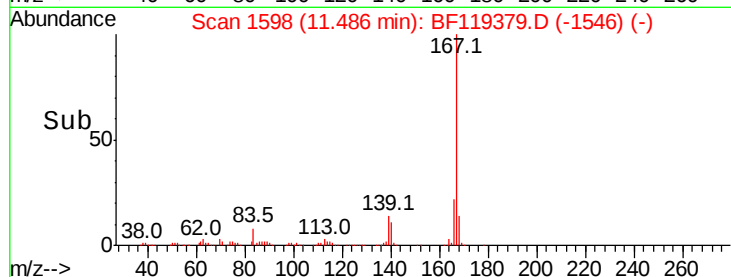
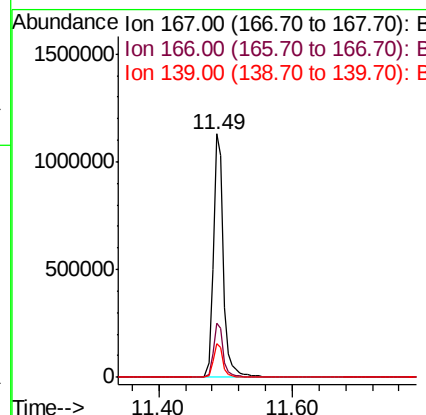
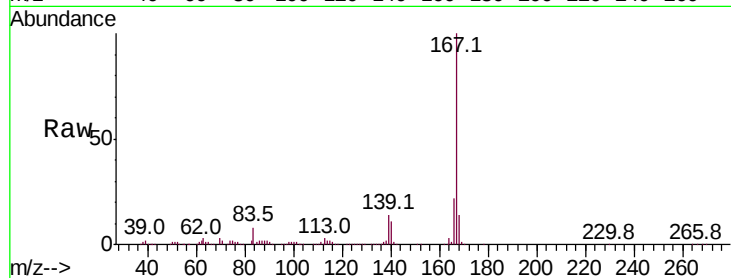


#73
 Carbazole
 Concen: 50.259 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1177477

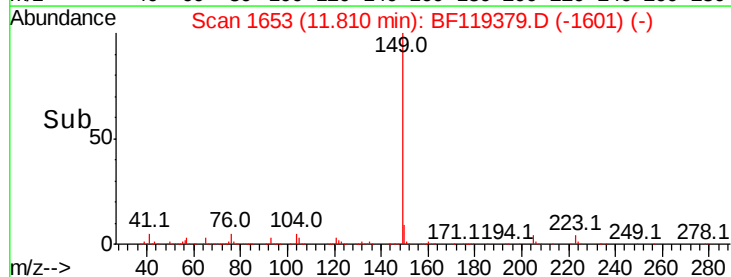
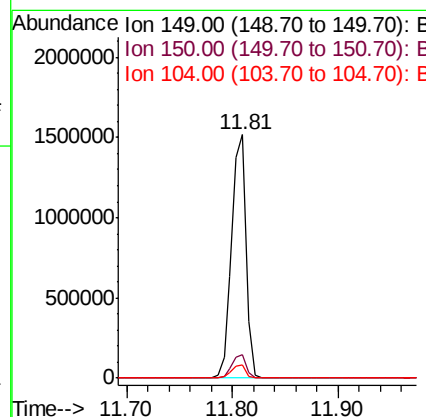
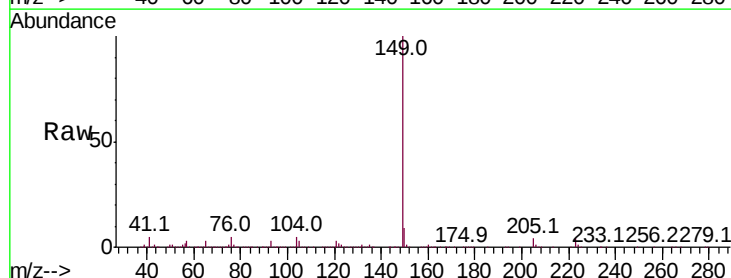
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	14.0	11.7	17.5

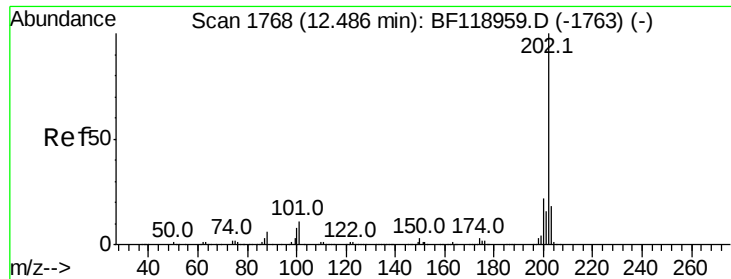


#74
 Di-n-butylphthalate
 Concen: 50.744 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion:149 Resp: 1439690

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 48.871 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

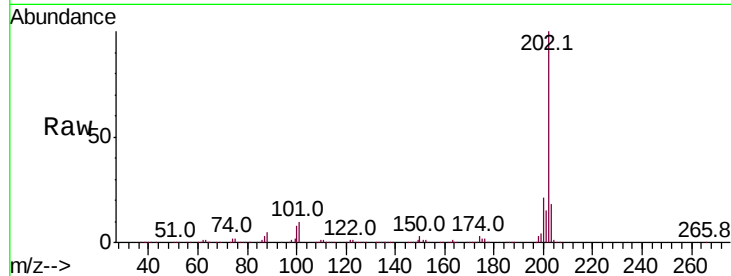
Tot Ion:202 Resp: 1365360

Ion Ratio Lower Upper

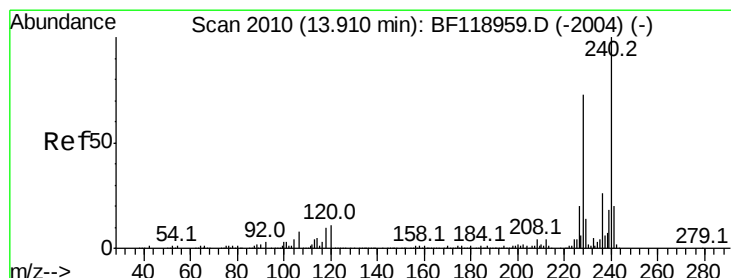
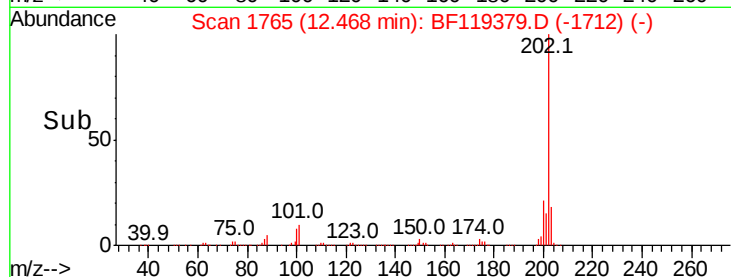
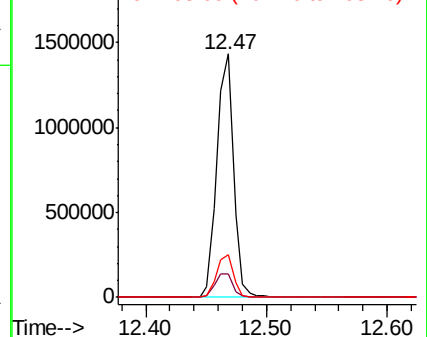
202 100

101 9.8 0.0 30.3

203 17.7 0.0 38.4



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: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

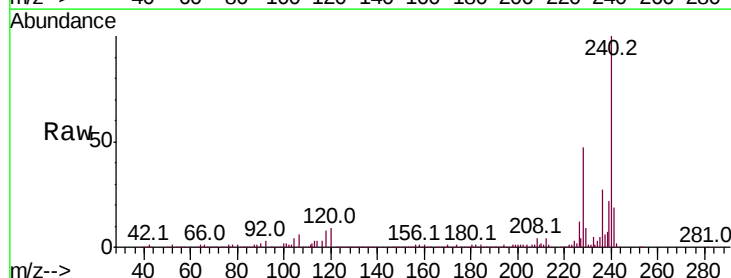
Tgt Ion:240 Resp: 329145

Ion Ratio Lower Upper

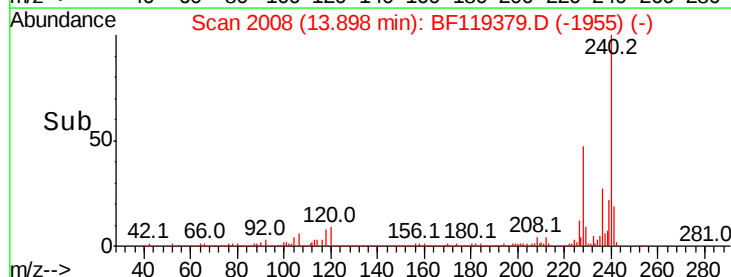
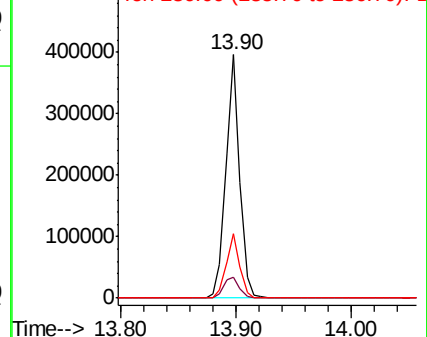
240 100

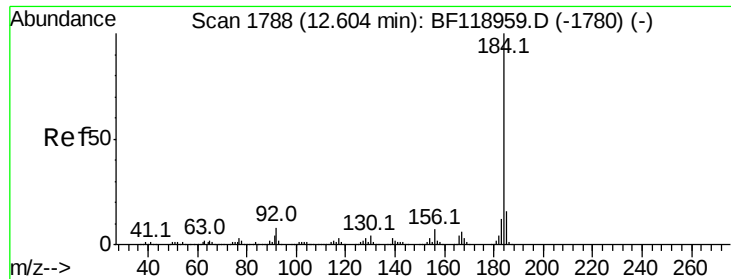
120 8.7 8.4 12.6

236 26.7 21.0 31.4



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: 5.063 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.02 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

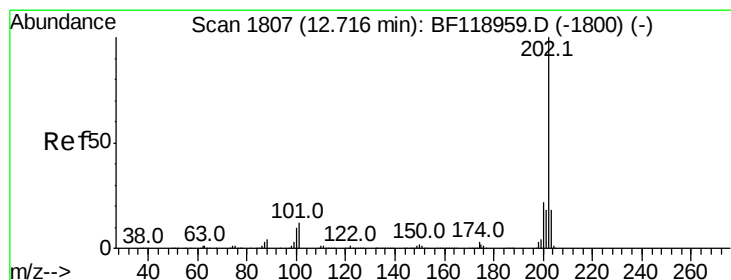
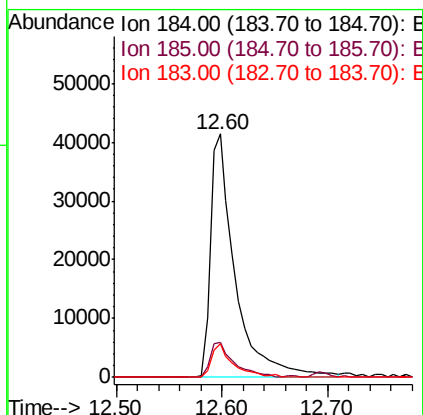
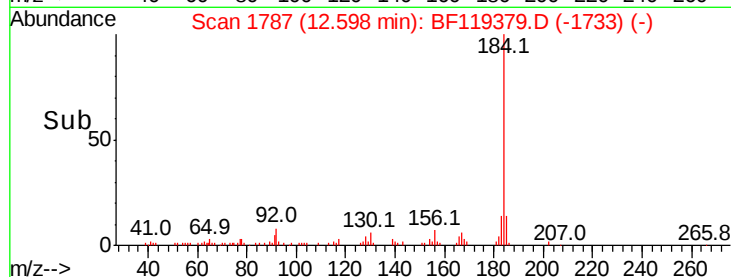
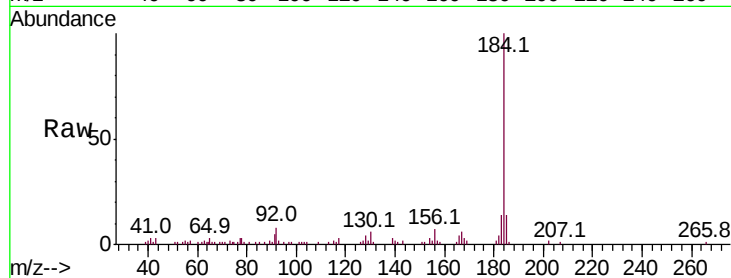
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 67777

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	13.6	9.9	14.9



#78

Pyrene

Concen: 52.073 ng

RT: 12.69 min Scan# 1803

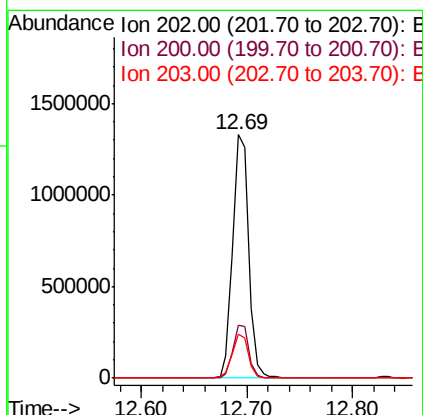
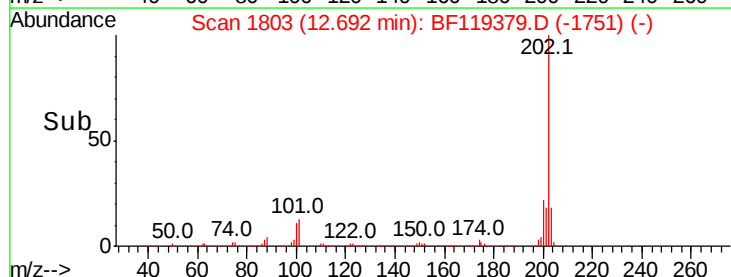
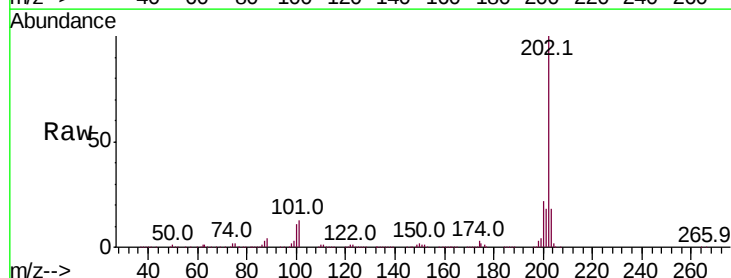
Delta R.T. 0.01 min

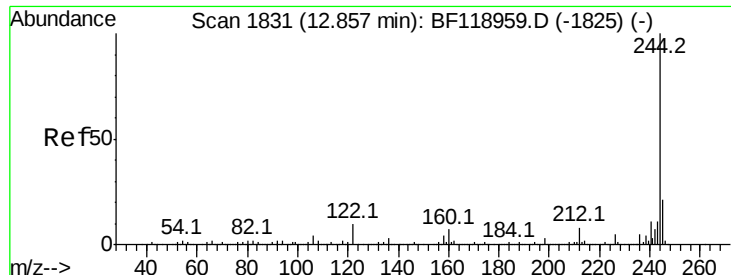
Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Tgt Ion:202 Resp: 1376279

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.0	27.0
203	17.9	14.6	22.0





#79

Terphenyl-d14

Concen: 106.328 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampled :

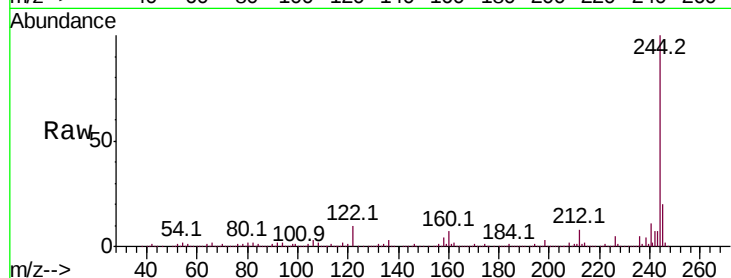
Tot Ion:244 Resp: 2032741

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

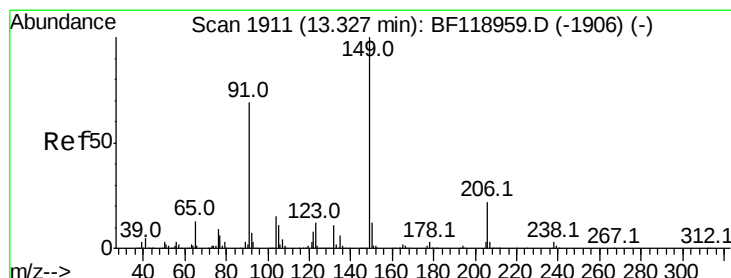
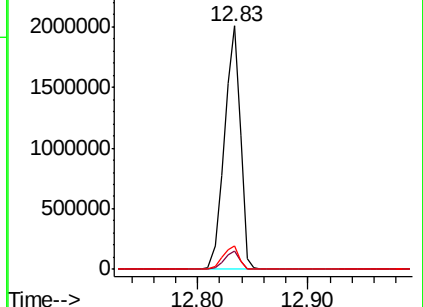
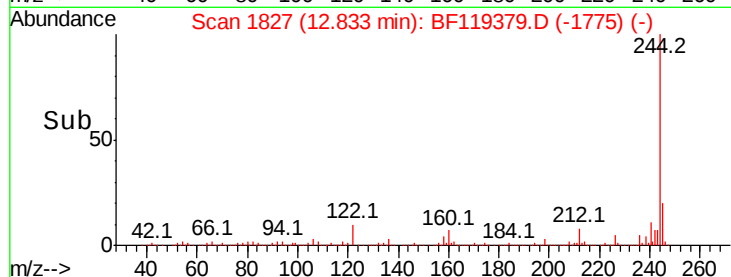
122 9.8 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.935 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

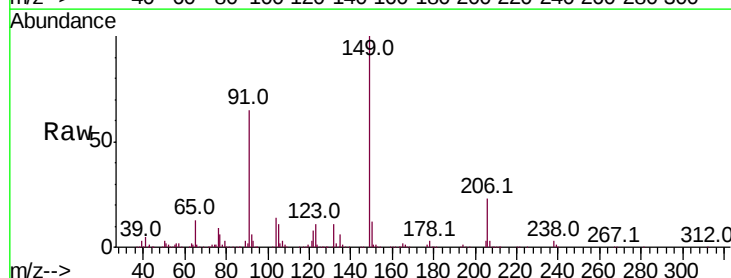
Tgt Ion:149 Resp: 566583

Ion Ratio Lower Upper

149 100

91 64.9 52.3 78.5

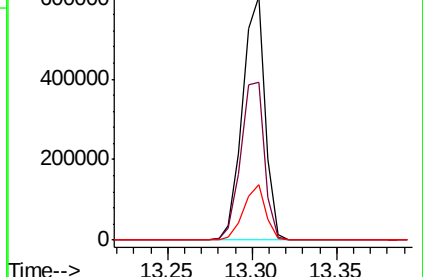
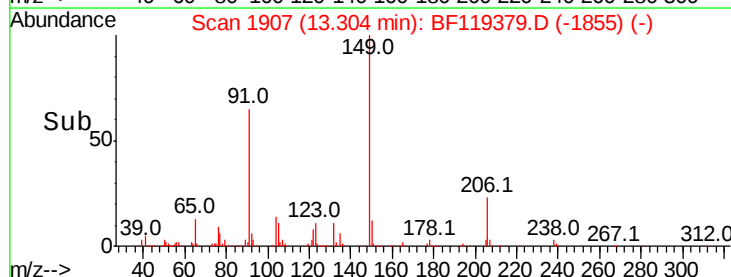
206 22.6 18.5 27.7

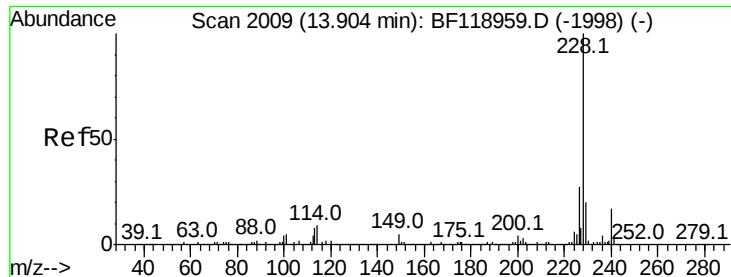


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.092 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

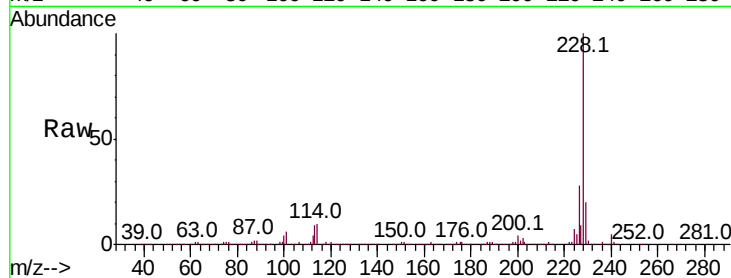
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1145839

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.1	16.6	24.8

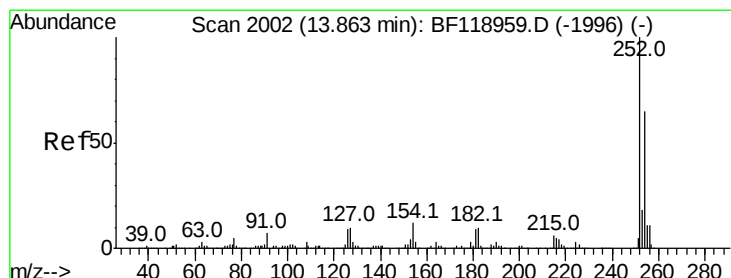
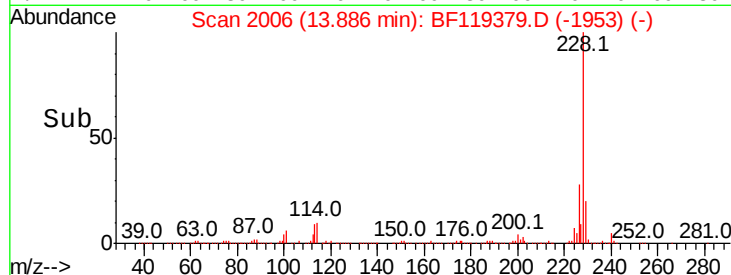
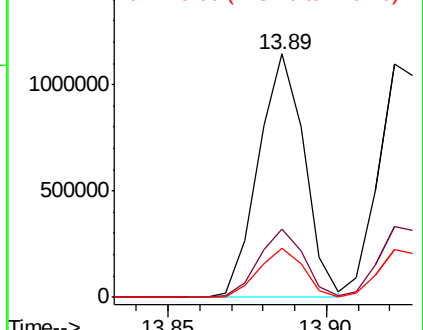


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 18.945 ng

RT: 13.84 min Scan# 1999

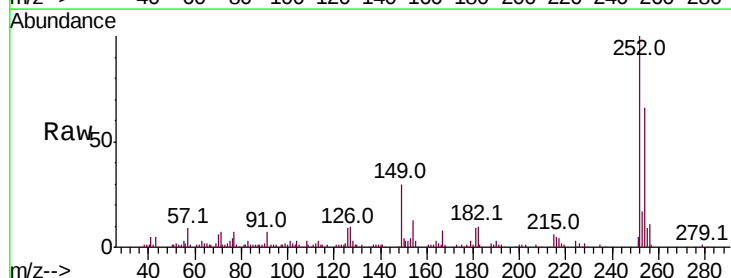
Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Tgt Ion:252 Resp: 164979

Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.6	77.4
126	9.4	7.4	11.0

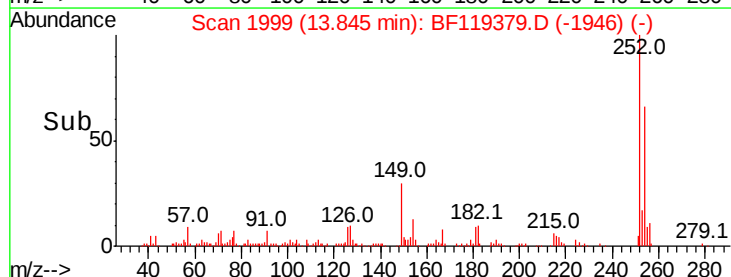
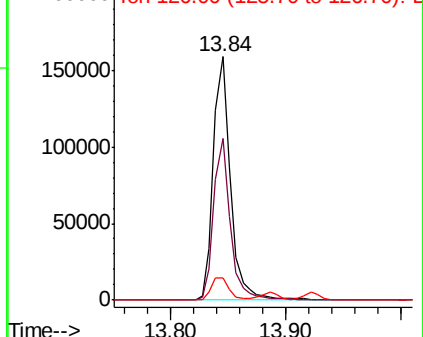


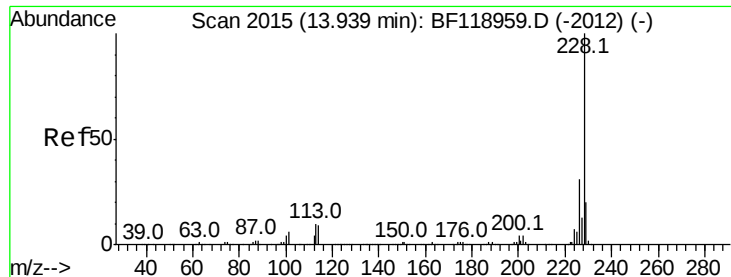
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 49.070 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

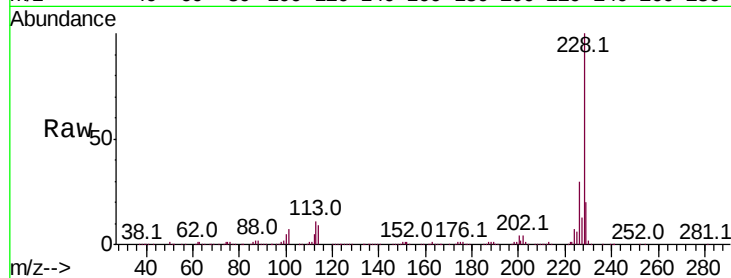
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1096551

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	20.3	16.3	24.5

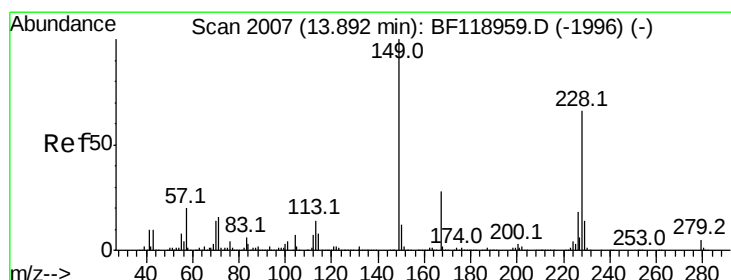
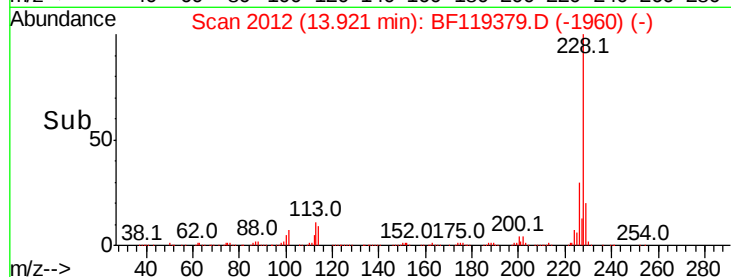
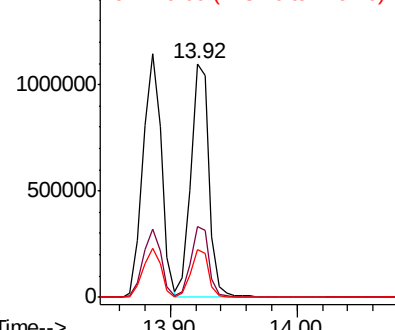


Abundance

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: 52.634 ng

RT: 13.86 min Scan# 2002

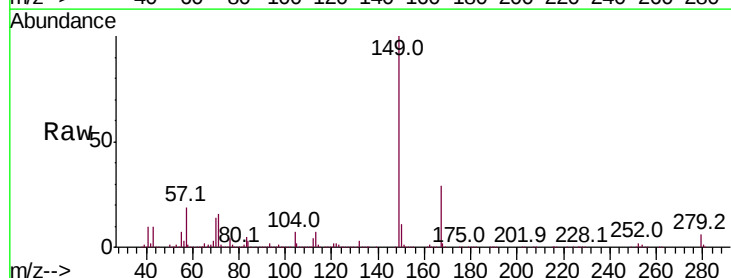
Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Tgt Ion:149 Resp: 739674

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.8	34.2
279	5.9	4.6	6.8

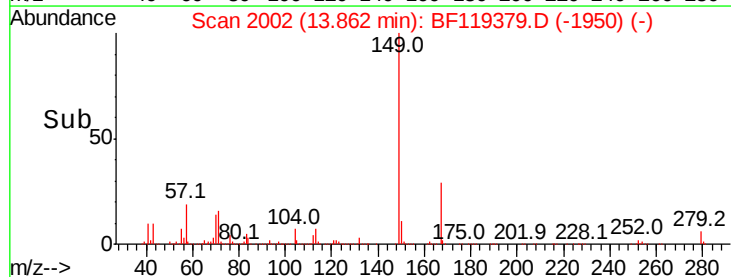
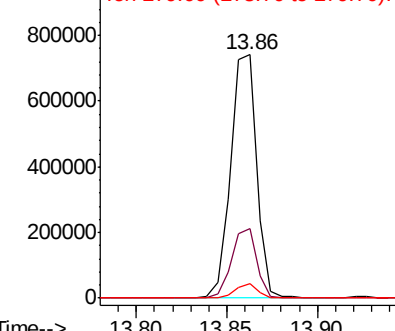


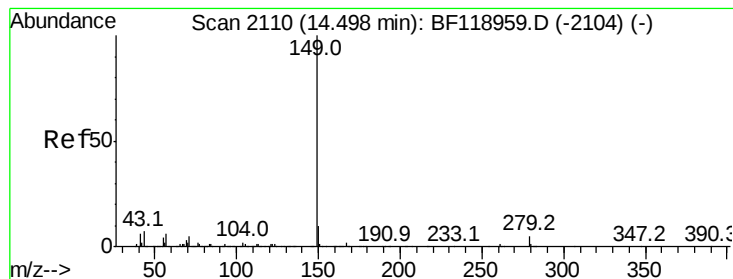
Abundance

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: 44.462 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampled :

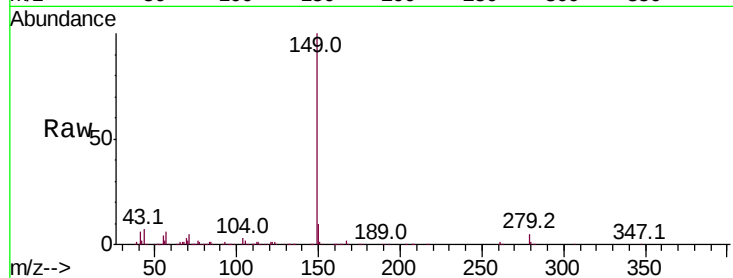
Tot Ion:149 Resp: 995538

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

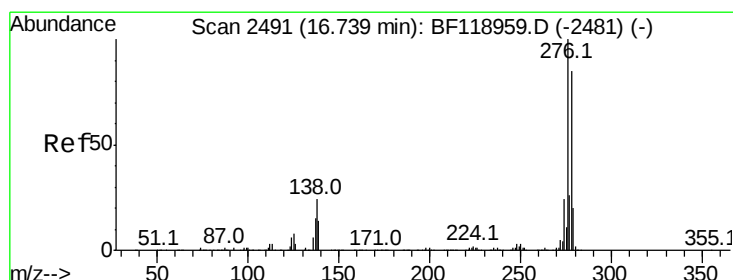
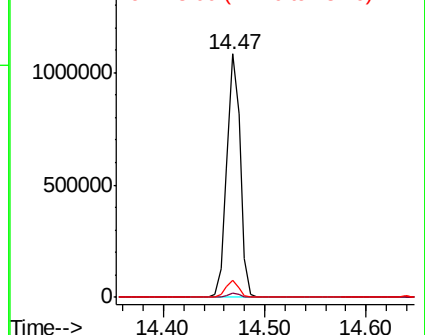
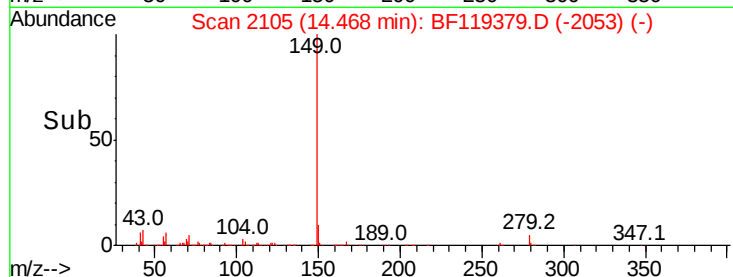
43 6.7 5.7 8.5



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: 38.571 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.04 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

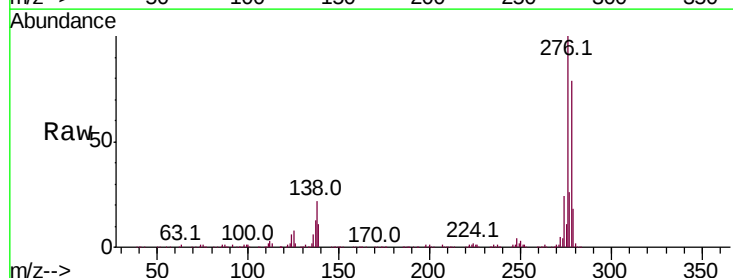
Tgt Ion:276 Resp: 834578

Ion Ratio Lower Upper

276 100

138 21.3 17.4 26.0

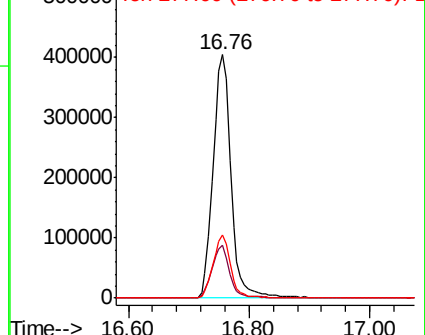
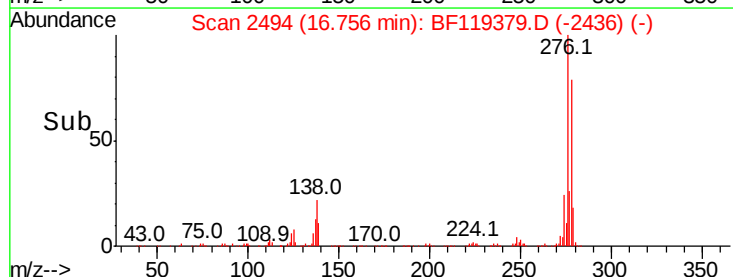
277 25.3 20.3 30.5

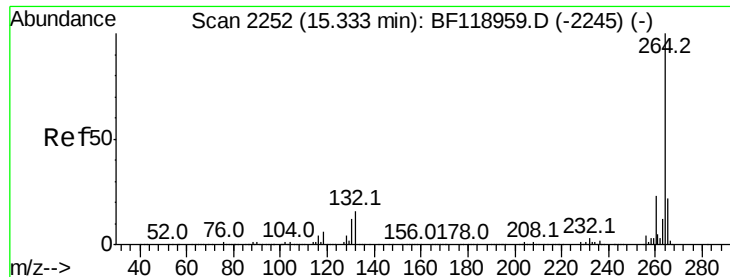


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

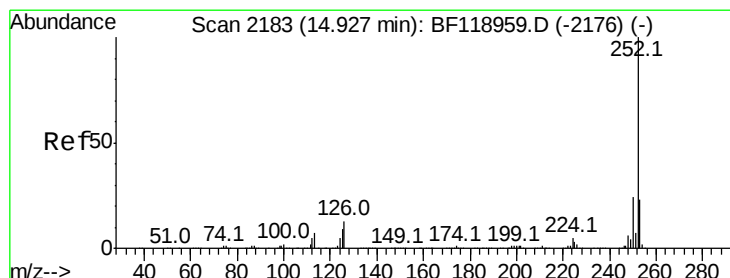
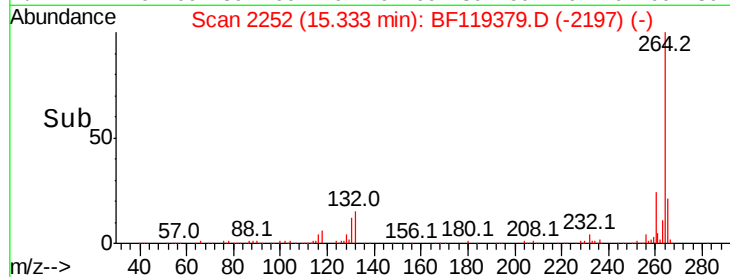
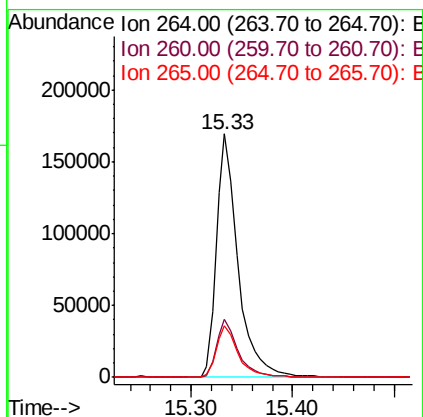
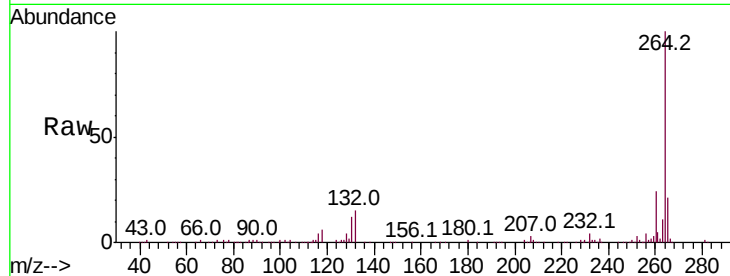




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

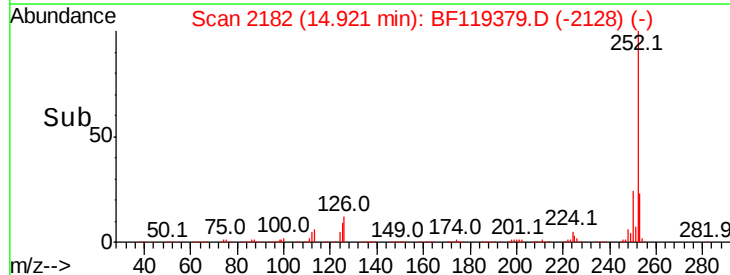
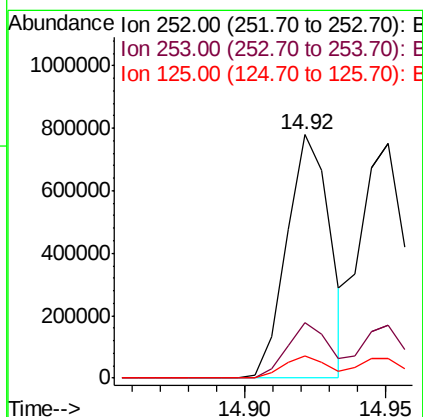
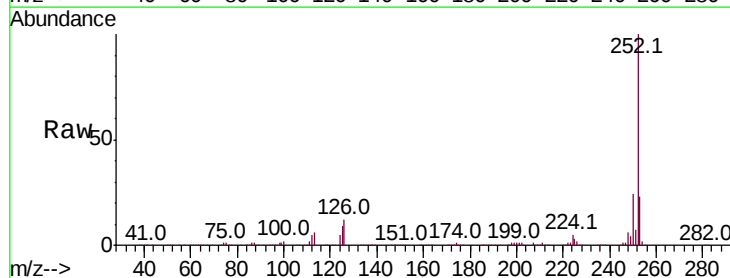
Instrument :
BNA_F
ClientSampleId :

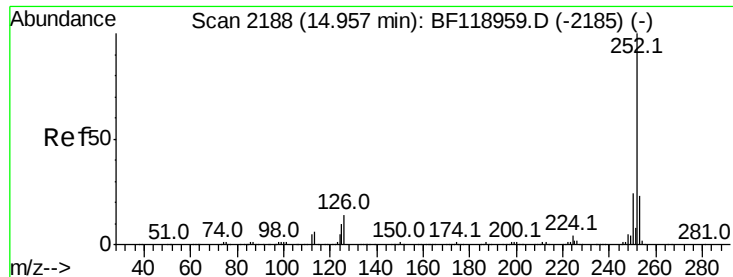
Tot Ion:264 Resp: 250124
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.4 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 50.437 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion:252 Resp: 831537
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 8.9 7.4 11.0

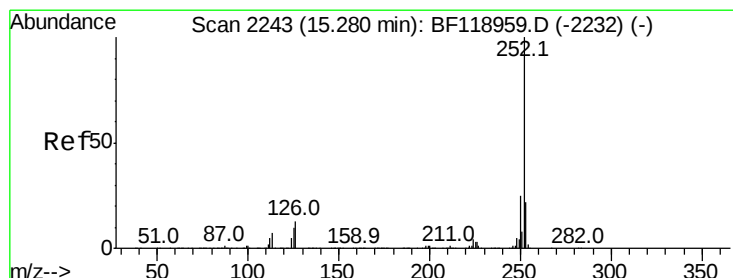
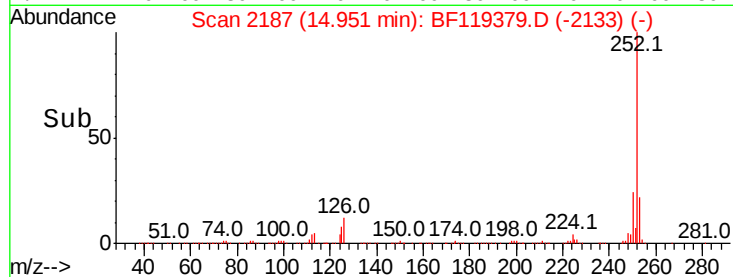
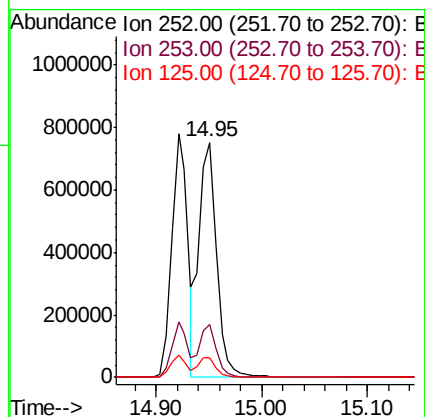
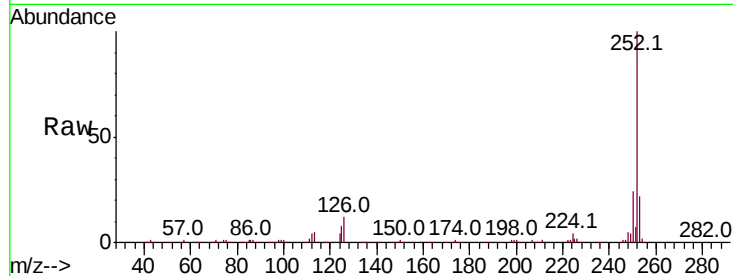




#89
Benzo(k)fluoranthene
Concen: 56.316 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

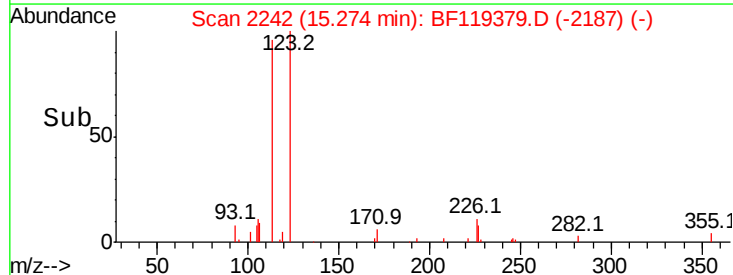
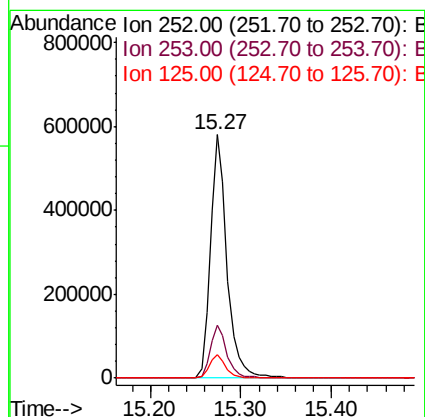
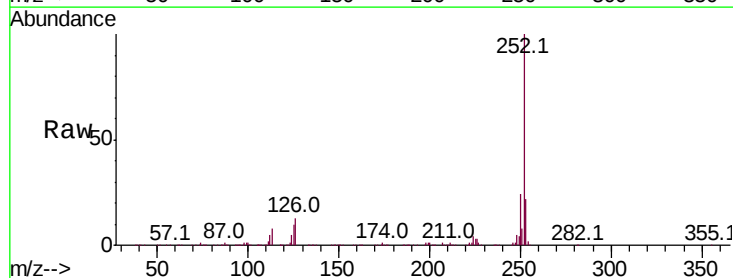
Instrument :
BNA_F
ClientSampleId :

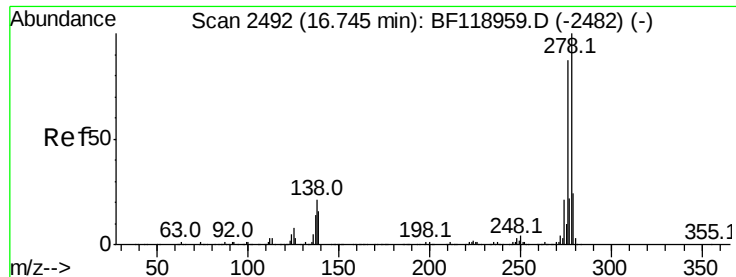
Tot Ion:252 Resp: 860438
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 49.810 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion:252 Resp: 741167
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.6 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 53.054 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.04 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

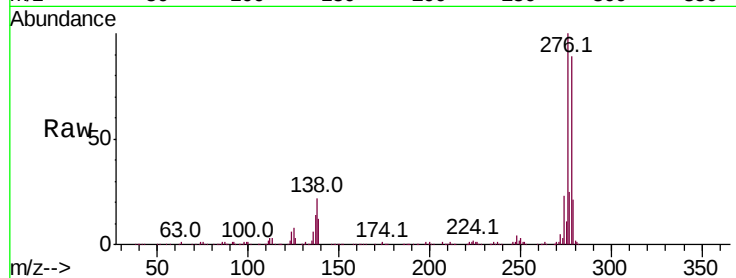
Tot Ion:278 Resp: 694614

Ion Ratio Lower Upper

278 100

139 13.9 11.0 16.4

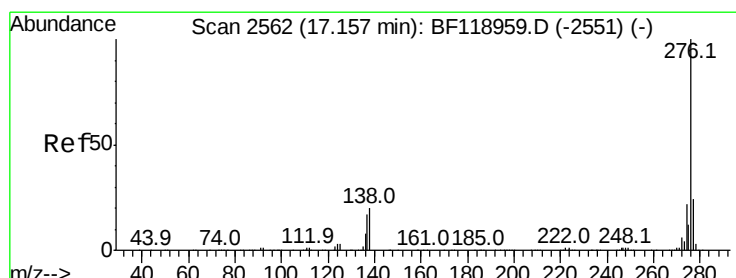
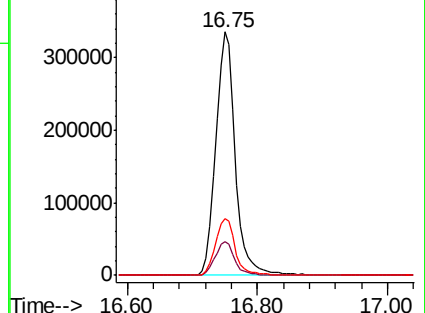
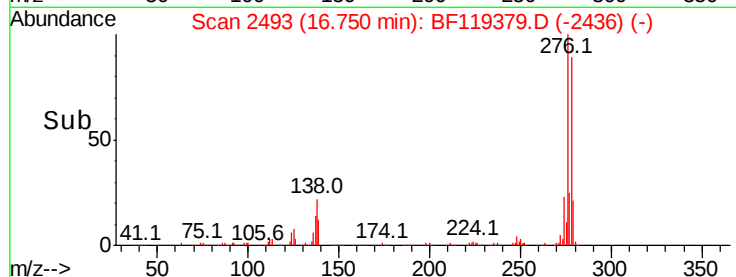
279 23.5 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.968 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

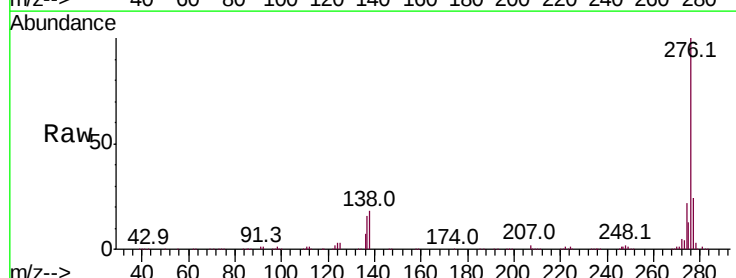
Tgt Ion:276 Resp: 698130

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 18.4 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

