

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119230.D
 Acq On : 5 Mar 2020 23:59
 Operator : CG/JU
 Sample : L1775-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:31:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147729	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	587776	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	331515	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	607670	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	369109	20.00	ng	-0.02
87) Perylene-d12	15.30	264	313482	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	928718	105.06	ng	0.00
7) Phenol-d6	6.39	99	1127952	104.92	ng	-0.02
23) Nitrobenzene-d5	7.29	82	765955	68.81	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	416082	95.94	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1499831	66.65	ng	-0.02
79) Terphenyl-d14	12.83	244	1738637	81.10	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	149663	38.026	ng	99
3) Pyridine	3.23	79	364070	33.871	ng	99
4) n-Nitrosodimethylamine	3.18	42	152560	46.853	ng	92
6) Aniline	6.39	93	243566	18.361	ng	# 72
8) 2-Chlorophenol	6.52	128	455228	47.719	ng	98
9) Benzaldehyde	6.27	77	347113	48.326	ng	100
10) Phenol	6.40	94	527415	45.375	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	406738	45.733	ng	98
12) 1,3-Dichlorobenzene	6.66	146	490681	42.914	ng	97
13) 1,4-Dichlorobenzene	6.74	146	497140	43.449	ng	100
14) 1,2-Dichlorobenzene	6.89	146	453830	43.491	ng	99
15) Benzyl Alcohol	6.88	79	366736	47.199	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	325577	42.260	ng	# 22
17) 2-Methylphenol	7.00	107	363262	46.967	ng	# 91
18) Hexachloroethane	7.23	117	177654	43.399	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	305648	48.790	ng	98
20) 3+4-Methylphenols	7.16	107	480043	50.660	ng	# 85
22) Acetophenone	7.14	105	608377	44.735	ng	# 96
24) Nitrobenzene	7.31	77	466954	42.417	ng	97
25) Isophorone	7.55	82	834785	43.179	ng	99
26) 2-Nitrophenol	7.63	139	253702	43.495	ng	99
27) 2,4-Dimethylphenol	7.67	122	369276	46.648	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	508379	40.399	ng	99
29) 2,4-Dichlorophenol	7.88	162	397214	42.623	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	438899	39.722	ng	97
31) Naphthalene	8.03	128	1291108	42.355	ng	99
32) Benzoic acid	7.85	122	217519	39.097	ng	98
33) 4-Chloroaniline	8.09	127	126436	9.644	ng	98
34) Hexachlorobutadiene	8.15	225	264512	38.432	ng	98
35) Caprolactam	8.47	113	62918	21.926	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	421736	44.715	ng	98
37) 2-Methylnaphthalene	8.72	142	899695	43.857	ng	99
38) 1-Methylnaphthalene	8.82	142	836521	43.360	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	441356	39.487	ng	99

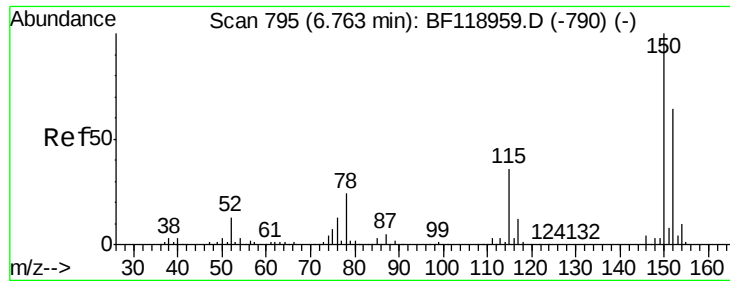
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119230.D
 Acq On : 5 Mar 2020 23:59
 Operator : CG/JU
 Sample : L1775-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:31:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	235452	60.470	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	282296	39.994	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	294643	39.780	nq	96
46) 1,1'-Biphenyl	9.19	154	1086304	40.544	nq	98
47) 2-Chloronaphthalene	9.21	162	864312	40.031	nq	98
48) 2-Nitroaniline	9.32	65	244978	40.679	nq	98
49) Acenaphthylene	9.63	152	1323876	42.453	nq	99
50) Dimethylphthalate	9.49	163	1218261	48.057	nq	99
51) 2,6-Dinitrotoluene	9.56	165	234413	41.621	nq #	85
52) Acenaphthene	9.80	154	781505	41.561	nq	100
53) 3-Nitroaniline	9.73	138	80401	12.877	nq	97
54) 2,4-Dinitrophenol	9.85	184	210427	77.165	nq #	90
55) Dibenzofuran	9.97	168	1158346	41.272	nq	100
56) 4-Nitrophenol	9.92	139	209095	55.737	nq	96
57) 2,4-Dinitrotoluene	9.97	165	294588	40.353	nq	93
58) Fluorene	10.31	166	932979	42.780	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	265762	42.523	nq	94
60) Diethylphthalate	10.19	149	1007262	42.163	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	488493	42.316	nq	100
62) 4-Nitroaniline	10.35	138	204121	31.953	nq	98
63) Azobenzene	10.46	77	898433	43.266	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	170539	46.379	nq	95
66) n-Nitrosodiphenylamine	10.42	169	851284	42.784	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	320936	40.405	nq	98
68) Hexachlorobenzene	10.86	284	374445	40.888	nq	97
69) Atrazine	10.96	200	278170	40.013	nq	97
70) Pentachlorophenol	11.07	266	260748	70.682	nq	98
71) Phenanthrene	11.27	178	1388579	41.901	nq	99
72) Anthracene	11.33	178	1422933	42.974	nq	99
73) Carbazole	11.48	167	1235986	41.900	nq	99
74) Di-n-butylphthalate	11.80	149	1519274	42.529	nq	100
75) Fluoranthene	12.46	202	1436182	40.828	nq	99
77) Benzidine	12.58	184	484206	32.256	nq	98
78) Pyrene	12.69	202	1437025	48.484	nq	100
80) Butylbenzylphthalate	13.30	149	599511	48.060	nq	98
81) Benzo(a)anthracene	13.87	228	1103824	43.890	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	222254	22.758	nq	99
83) Chrysene	13.92	228	1058960	42.257	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	767325	48.690	nq	99
85) Di-n-octyl phthalate	14.46	149	1064213	42.383	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	989041	40.761	nq	99
88) Benzo(b)fluoranthene	14.90	252	869897	42.099	nq	99
89) Benzo(k)fluoranthene	14.93	252	821712	42.912	nq	98
90) Benzo(a)pyrene	15.25	252	756860	40.585	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	826216	50.352	nq	98
92) Benzo(g,h,i)perylene	17.13	276	850936	52.485	nq	99

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

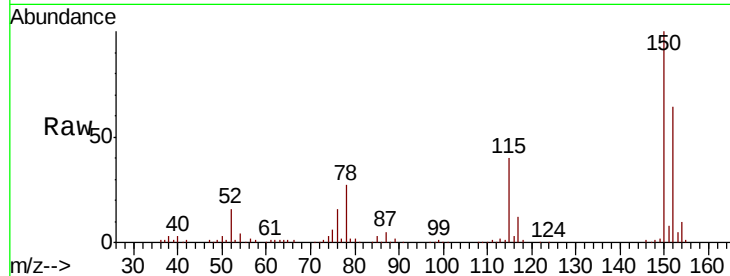


#1

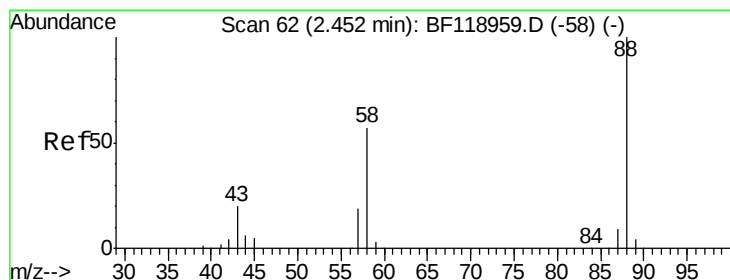
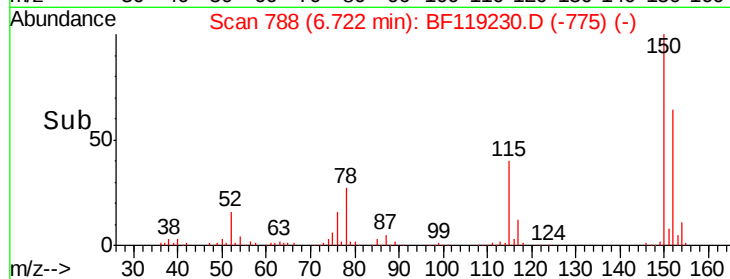
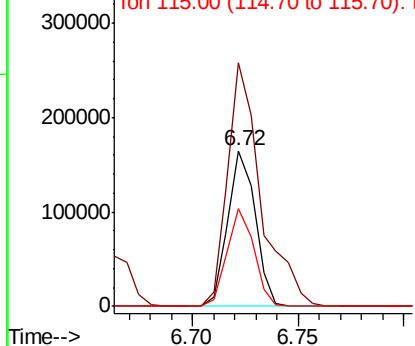
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147729
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 62.6 49.5 74.3



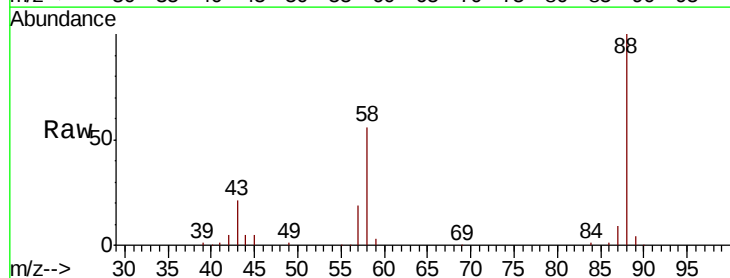
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



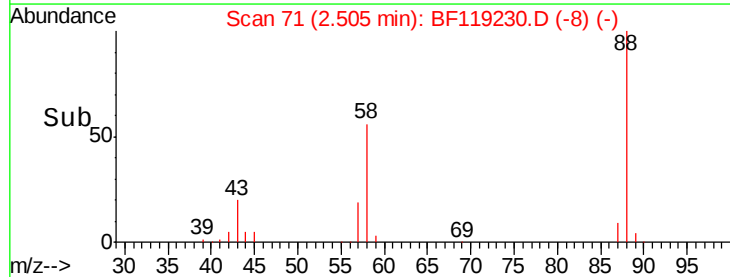
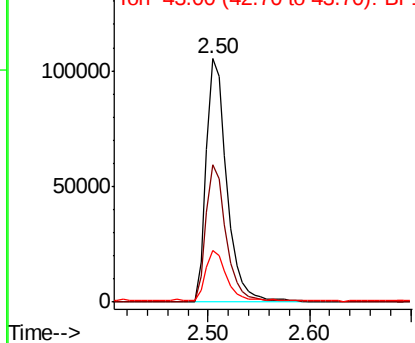
#2

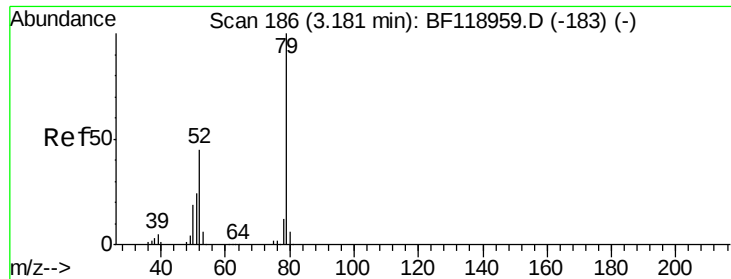
1,4-Dioxane
Concen: 38.026 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.07 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion: 88 Resp: 149663
Ion Ratio Lower Upper
88 100
58 55.8 43.8 65.6
43 20.9 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: 33.871 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.07 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

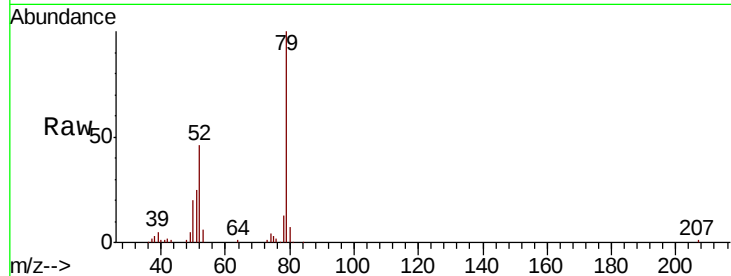
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 364070

Ion	Ratio	Lower	Upper
79	100		
52	46.0	37.4	56.0
51	25.4	19.8	29.6

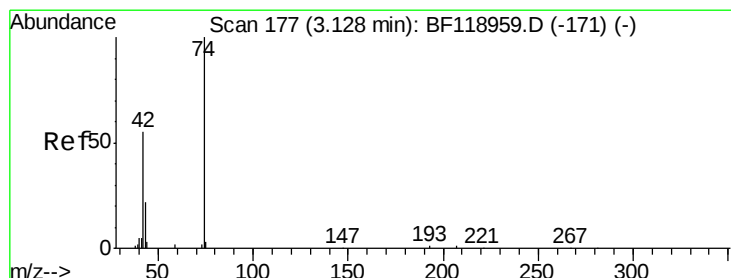
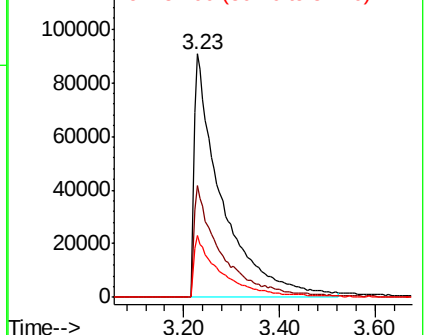
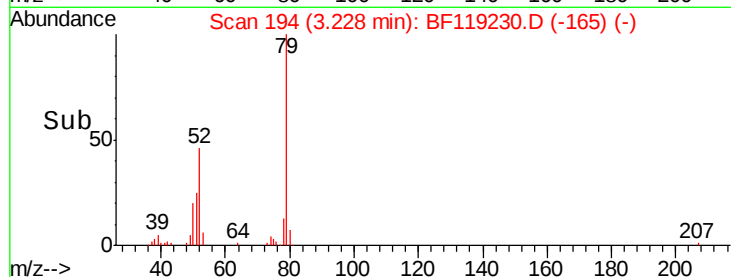


Abundance

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: 46.853 ng

RT: 3.18 min Scan# 185

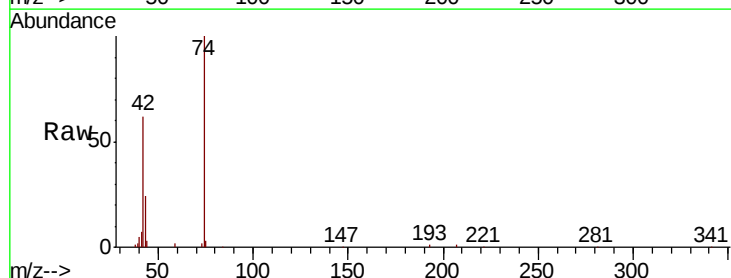
Delta R.T. 0.05 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Tgt Ion: 42 Resp: 152560

Ion	Ratio	Lower	Upper
42	100		
74	161.4	137.7	206.5
44	5.4	4.5	6.7

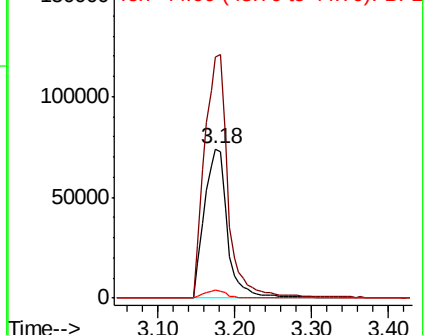
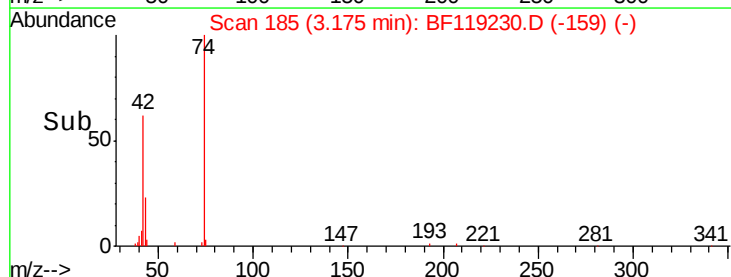


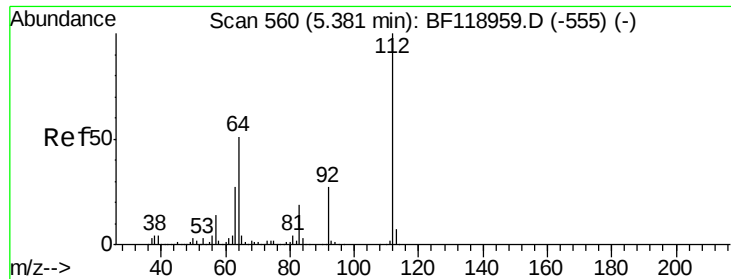
Abundance

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: 105.061 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

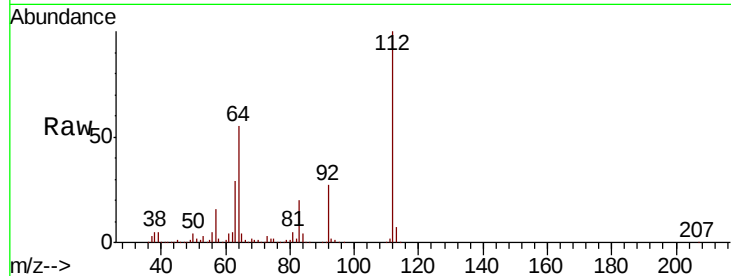
Tot Ion:112 Resp: 928718

Ion Ratio Lower Upper

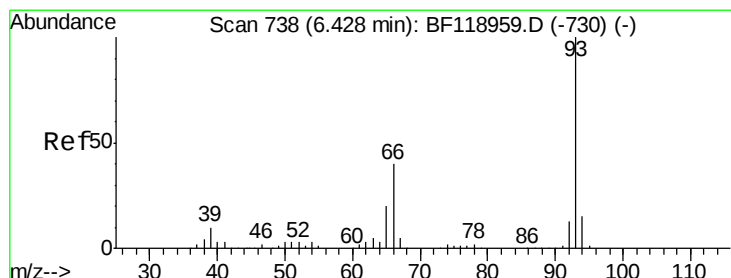
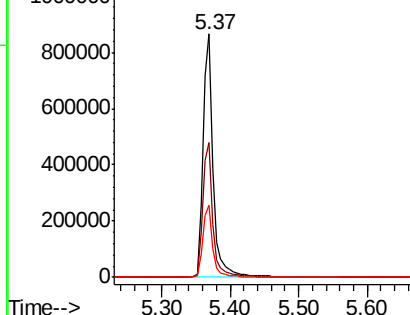
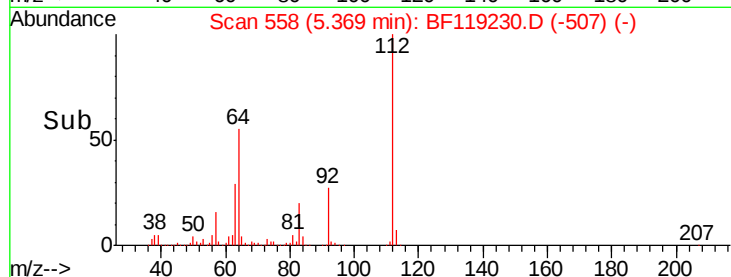
112 100

64 55.1 45.0 67.4

63 29.4 24.2 36.4



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



#6

Aniline

Concen: 18.361 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

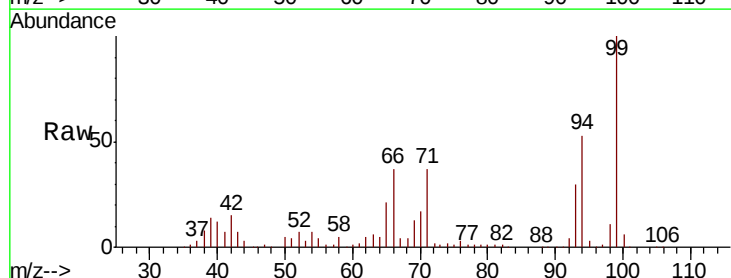
Tgt Ion: 93 Resp: 243566

Ion Ratio Lower Upper

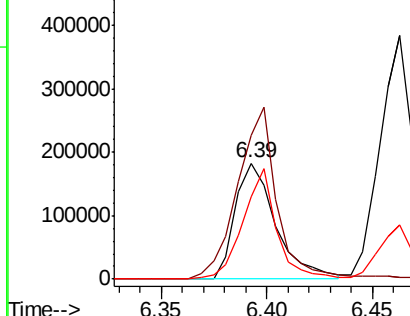
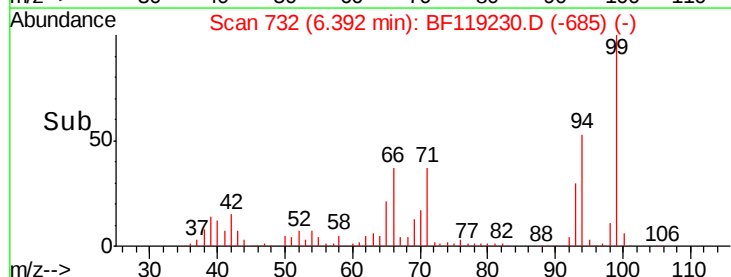
93 100

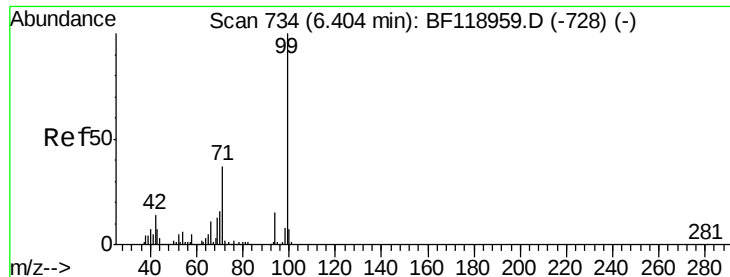
66 124.6 74.5 111.7#

65 71.0 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: 104.918 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampled :

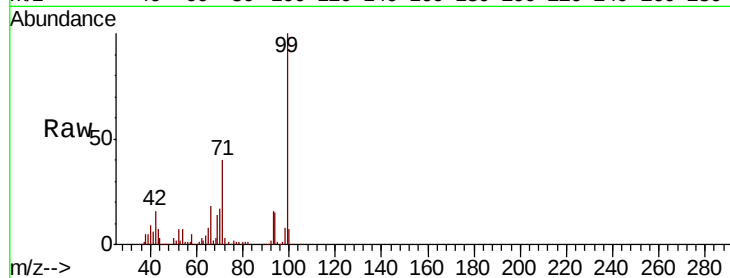
Tot Ion: 99 Resp: 1127952

Ion Ratio Lower Upper

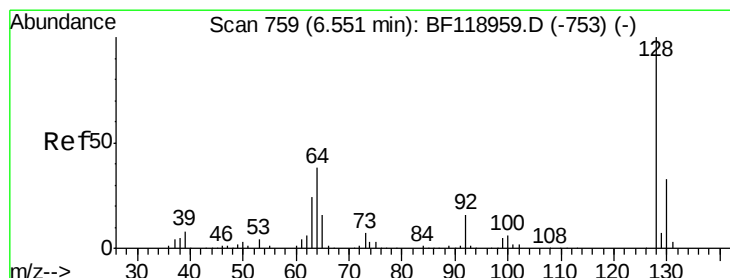
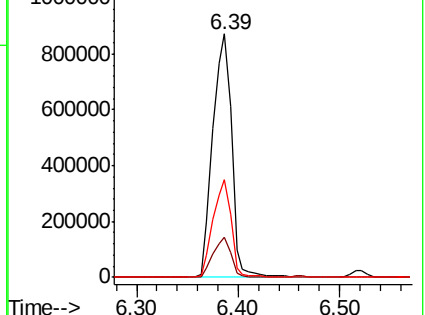
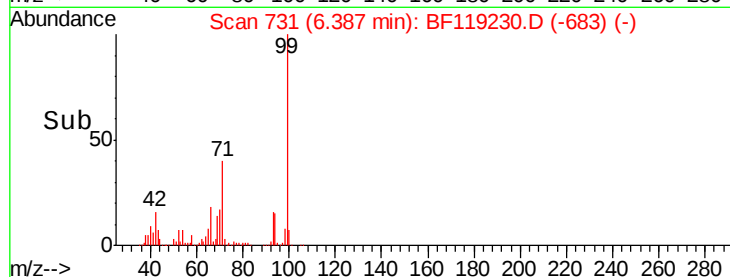
99 100

42 16.2 12.6 18.8

71 40.3 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: 47.719 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

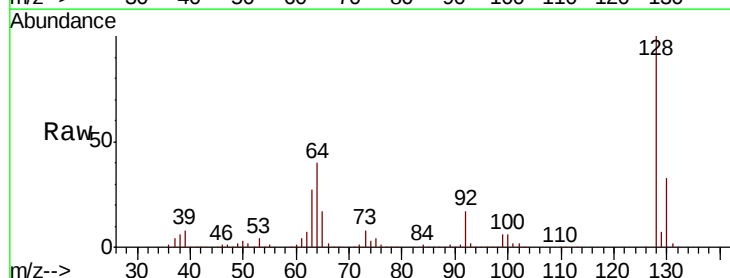
Tgt Ion: 128 Resp: 455228

Ion Ratio Lower Upper

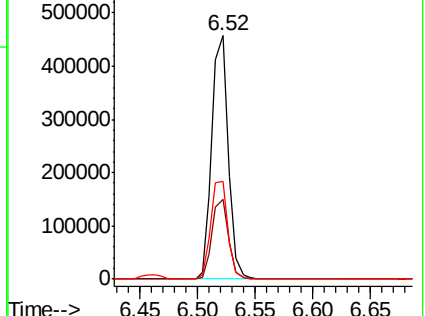
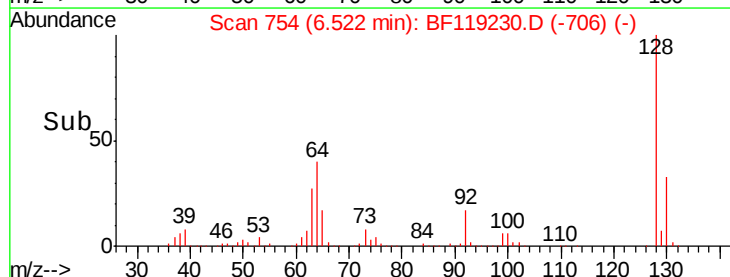
128 100

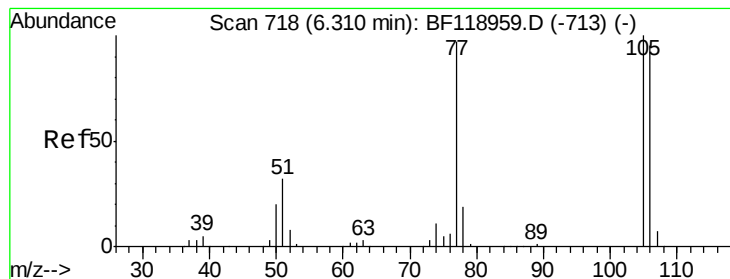
130 32.7 12.7 52.7

64 40.1 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: 48.326 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampled :

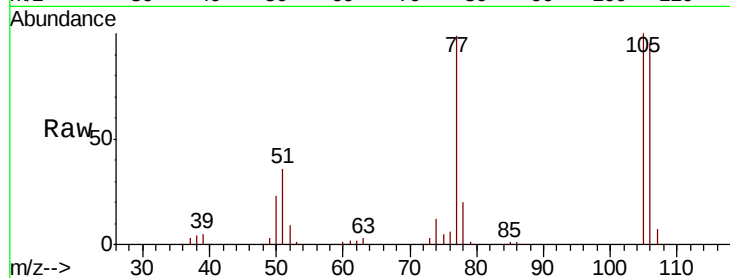
Tot Ion: 77 Resp: 347113

Ion Ratio Lower Upper

77 100

105 100.5 80.1 120.1

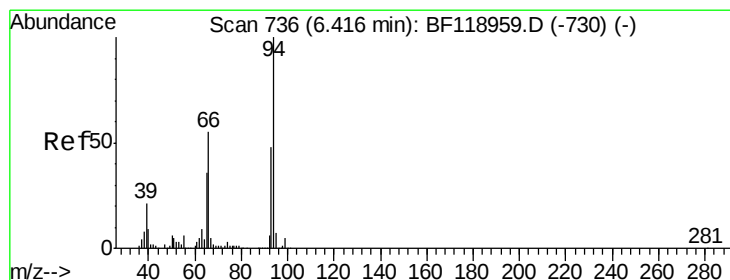
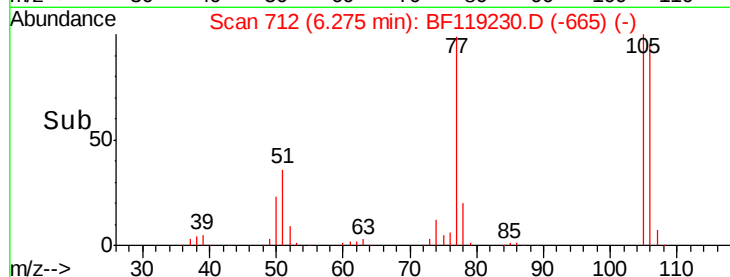
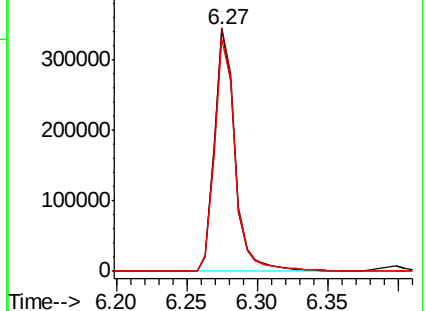
106 95.7 75.9 115.9



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: 45.375 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

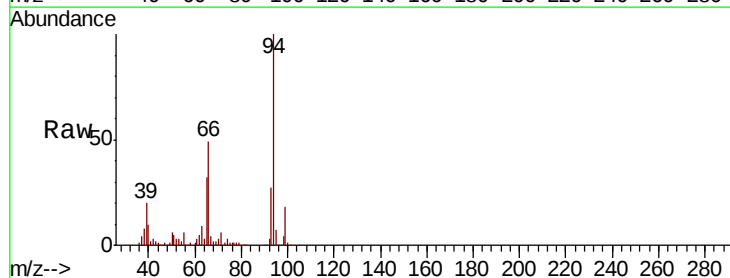
Tgt Ion: 94 Resp: 527415

Ion Ratio Lower Upper

94 100

65 31.7 19.2 59.2

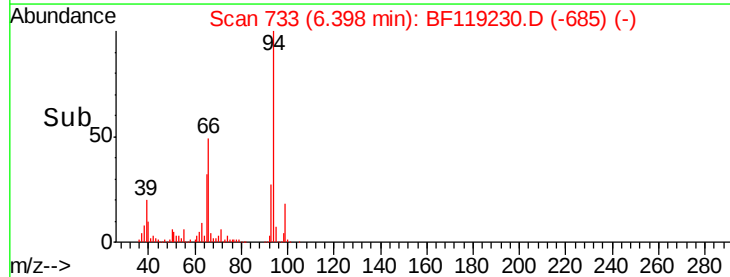
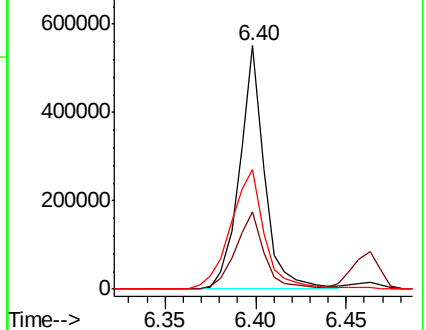
66 49.1 44.4 84.4

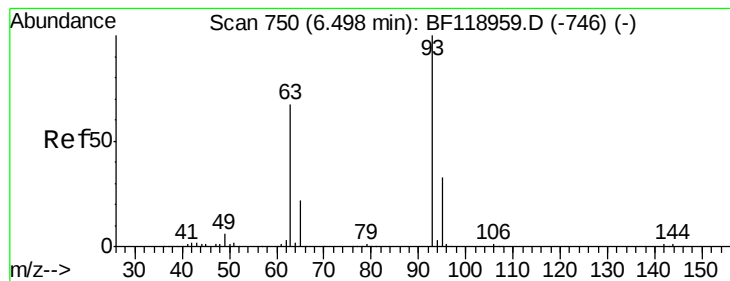


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

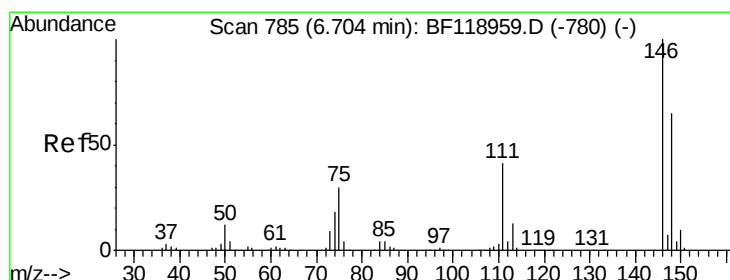
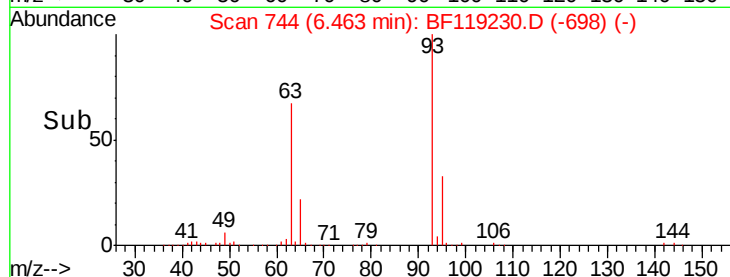
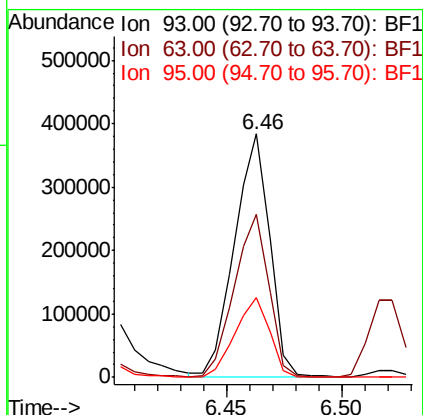
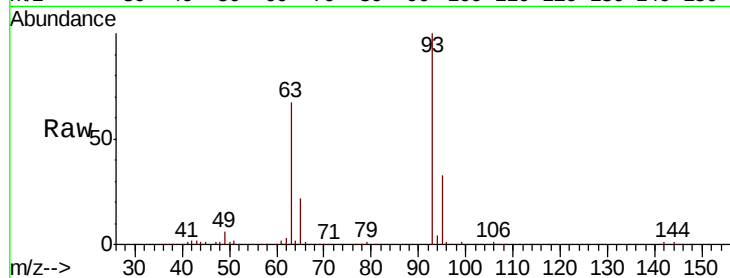




#11
bis(2-Chloroethyl)ether
Concen: 45.733 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

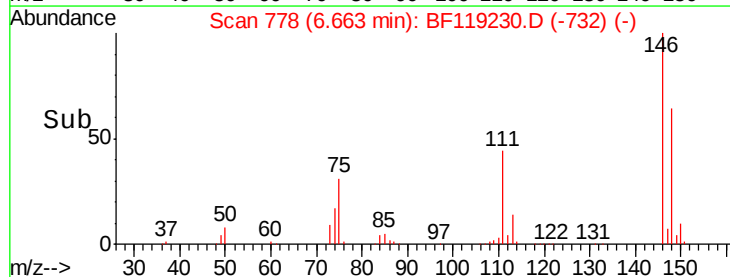
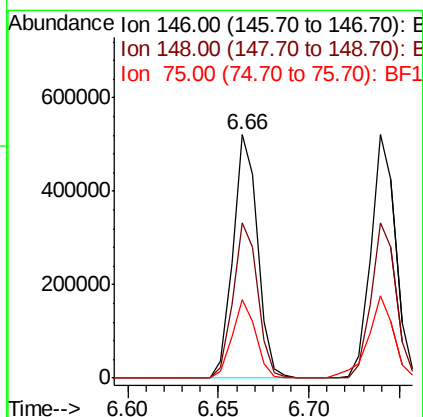
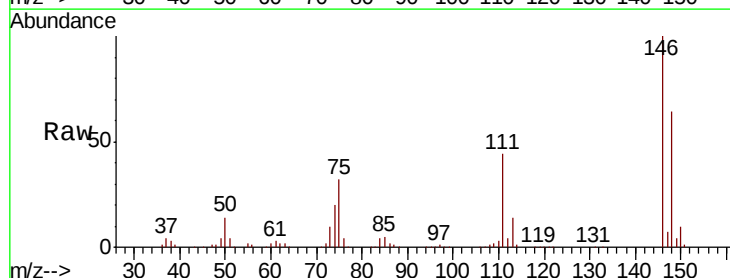
Instrument :
BNA_F
ClientSampled :

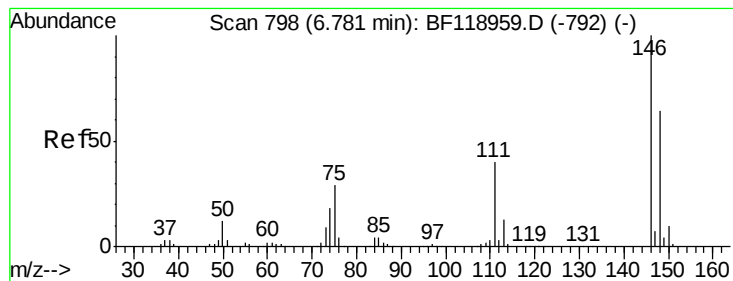
Tot Ion: 93 Resp: 406738
Ion Ratio Lower Upper
93 100
63 66.9 45.4 85.4
95 32.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 42.914 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion: 146 Resp: 490681
Ion Ratio Lower Upper
146 100
148 64.0 52.5 78.7
75 32.4 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 43.449 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

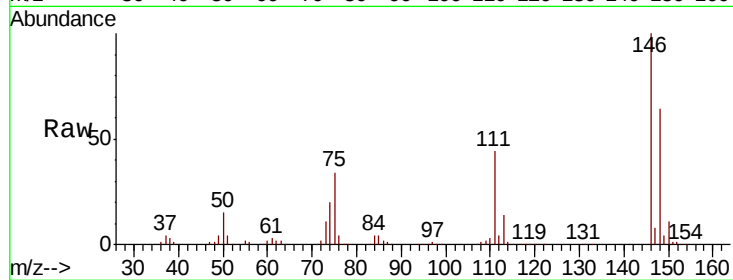
Tot Ion:146 Resp: 497140

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

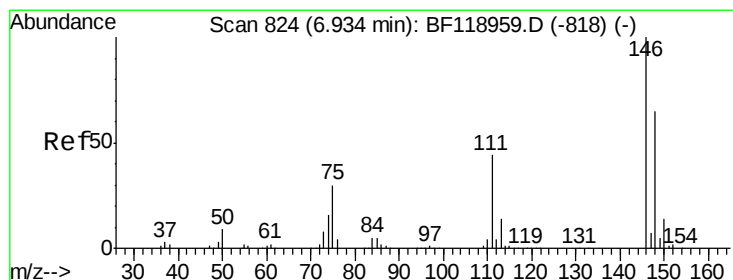
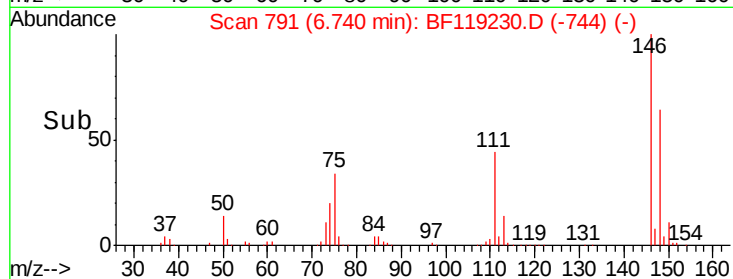
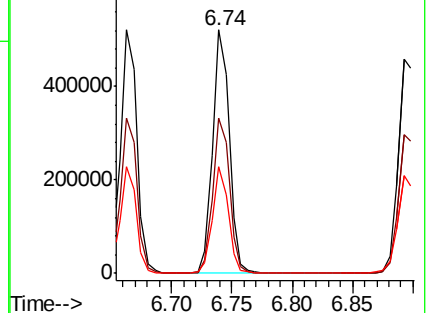
111 43.9 34.8 52.2



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: 43.491 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.03 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

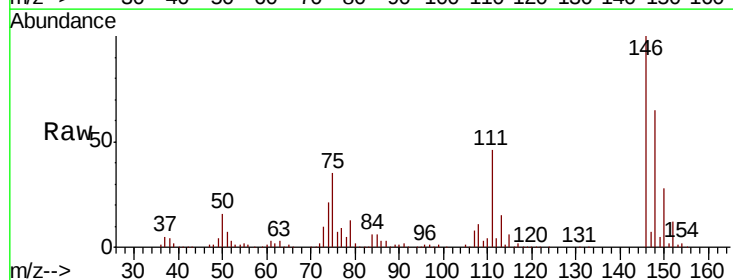
Tgt Ion:146 Resp: 453830

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

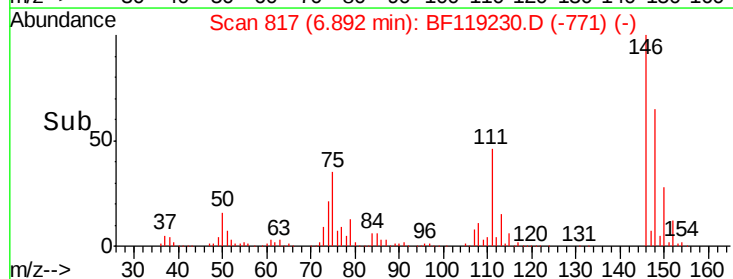
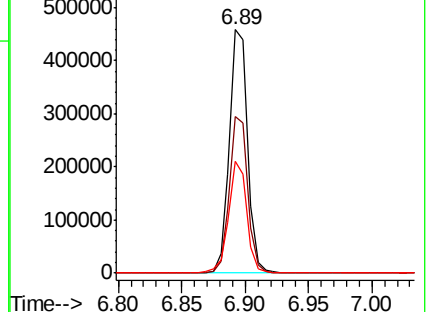
111 45.8 36.2 54.2

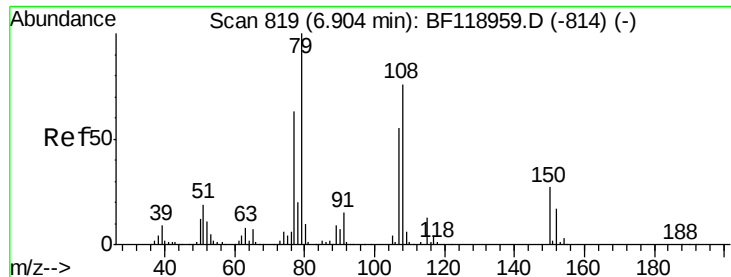


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.199 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

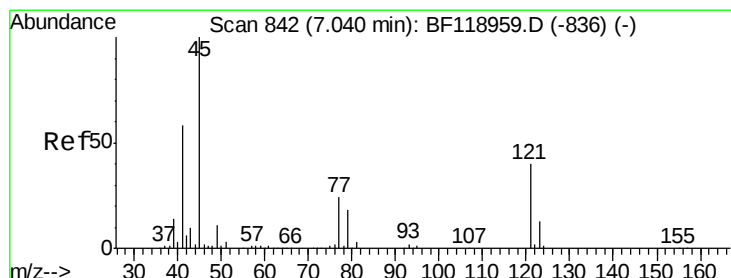
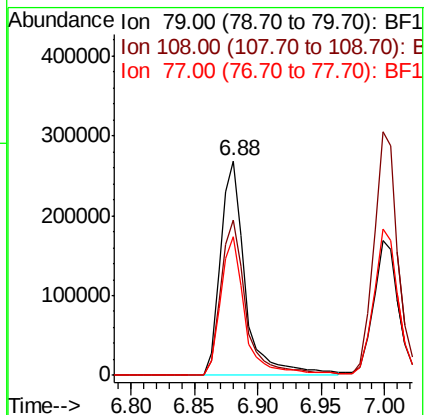
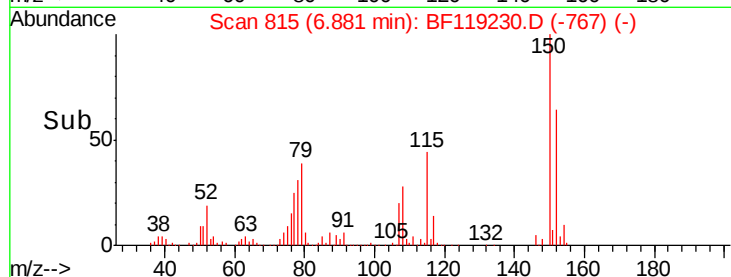
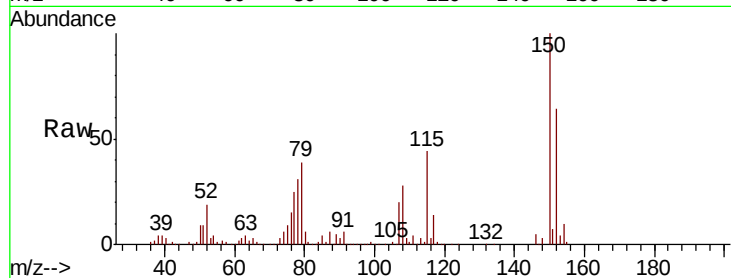
Tot Ion: 79 Resp: 366736

Ion Ratio Lower Upper

79 100

108 72.3 58.2 87.2

77 64.5 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.260 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.03 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

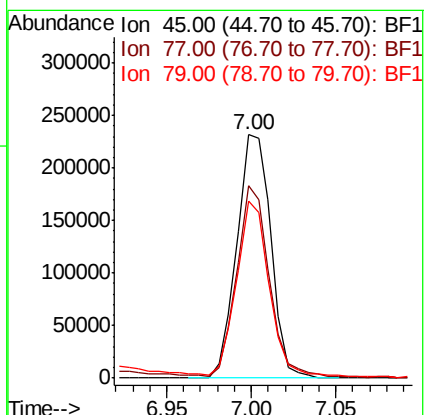
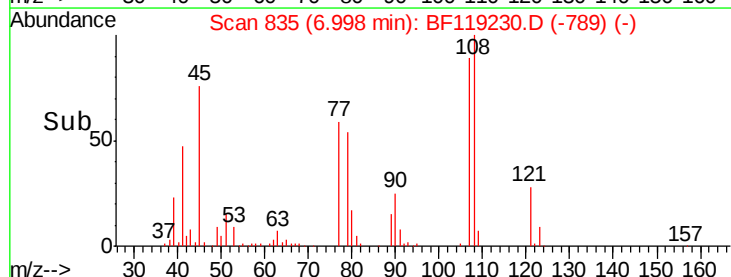
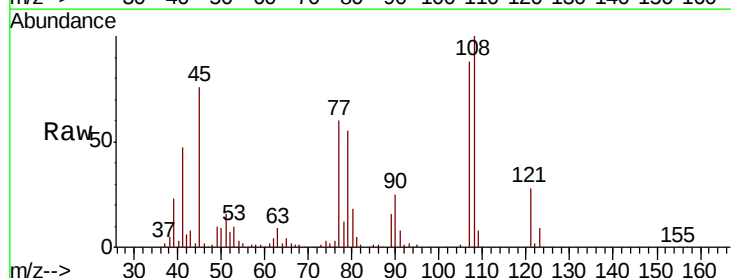
Tgt Ion: 45 Resp: 325577

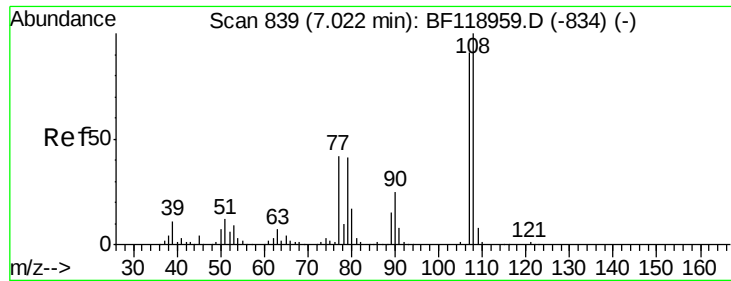
Ion Ratio Lower Upper

45 100

77 79.3 15.0 55.0#

79 72.8 9.4 49.4#

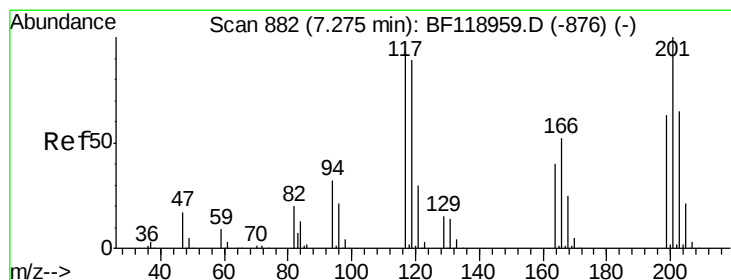
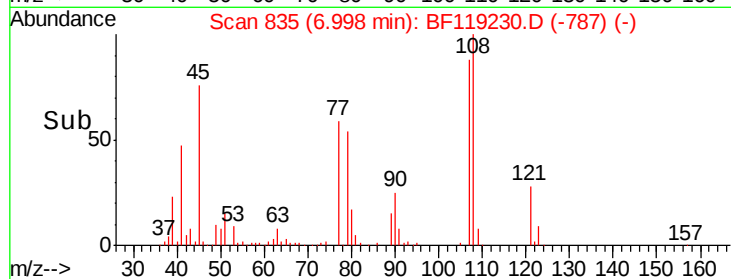
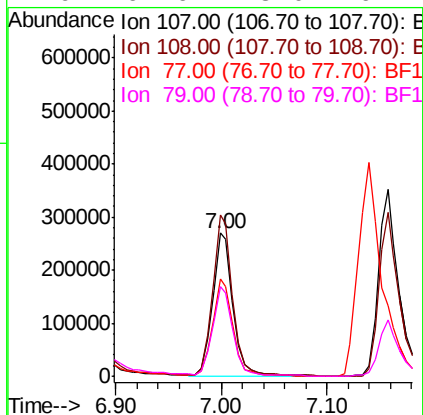
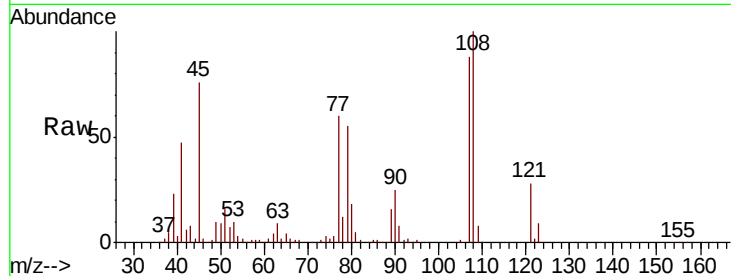




#17
2-Methylphenol
Concen: 46.967 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

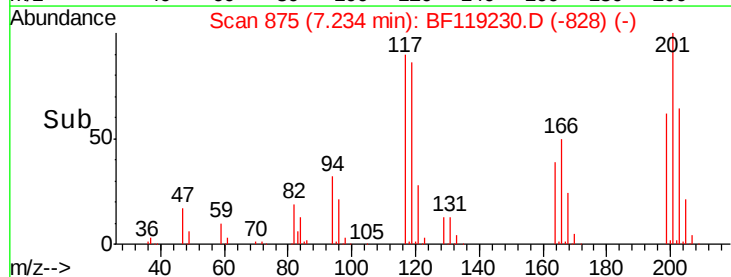
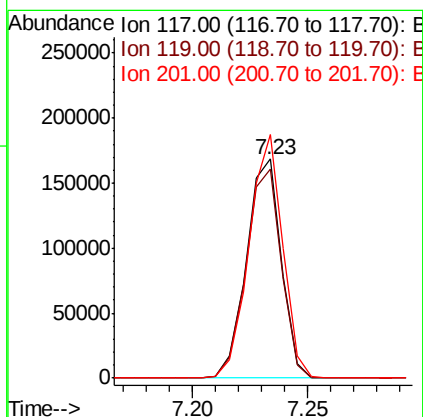
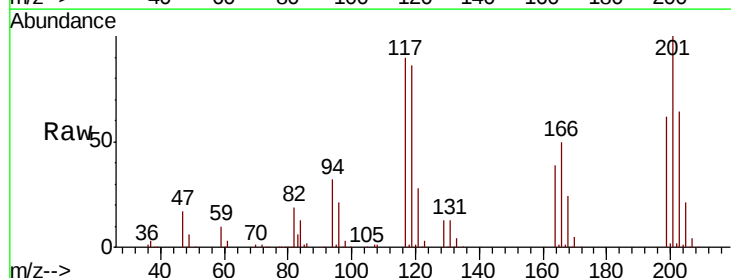
Instrument :
BNA_F
ClientSampleId :

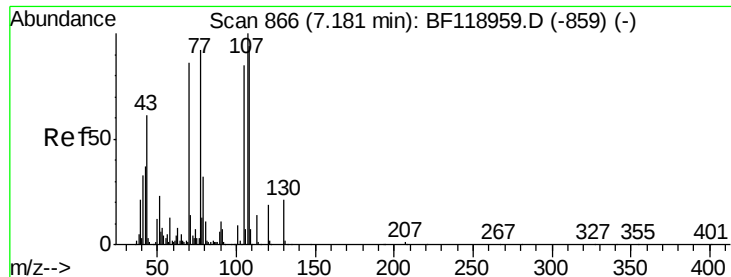
Tot Ion:107 Resp: 363262
Ion Ratio Lower Upper
107 100
108 113.2 87.9 131.9
77 68.2 45.3 67.9#
79 62.6 43.0 64.4



#18
Hexachloroethane
Concen: 43.399 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion:117 Resp: 177654
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3
201 111.3 82.6 123.8

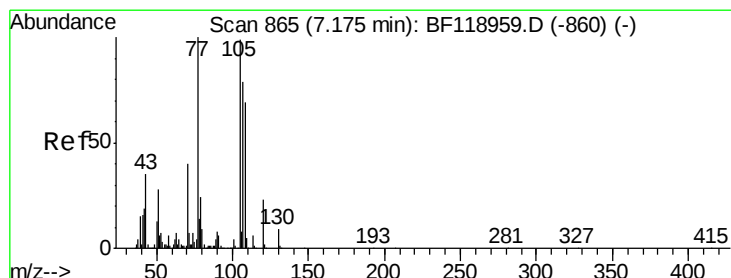
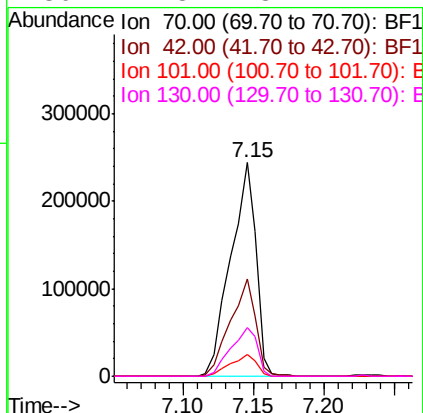
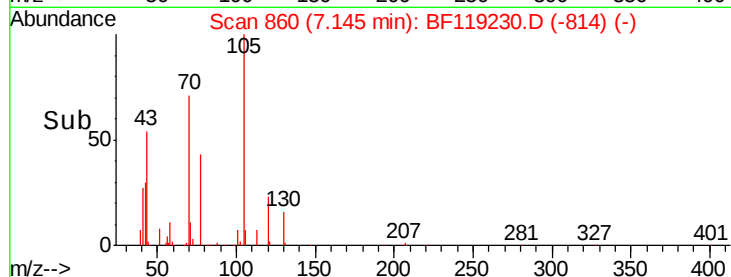
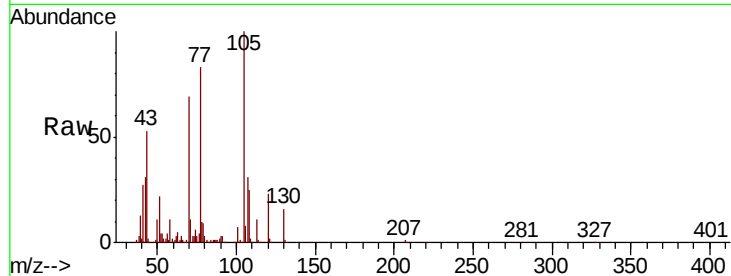




#19
n-Nitroso-di-n-propylamine
Concen: 48.790 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

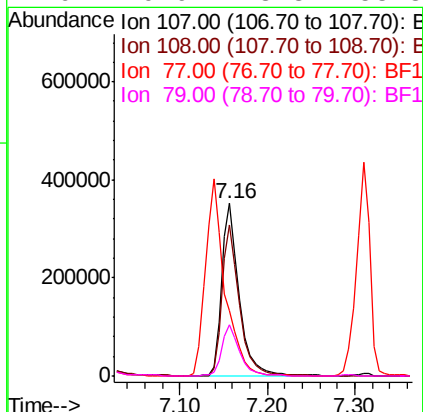
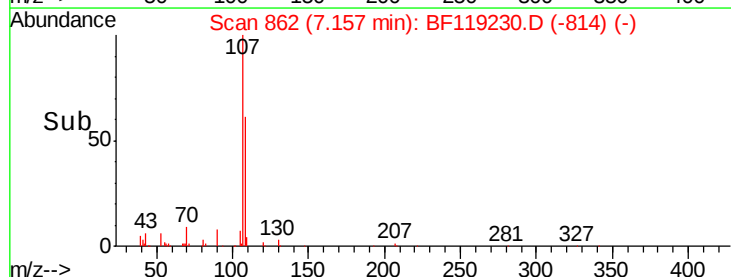
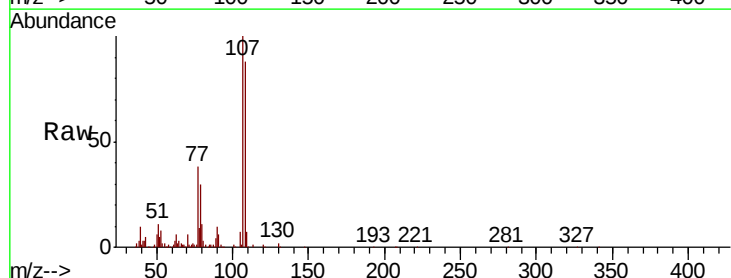
Instrument :
BNA_F
ClientSampleId :

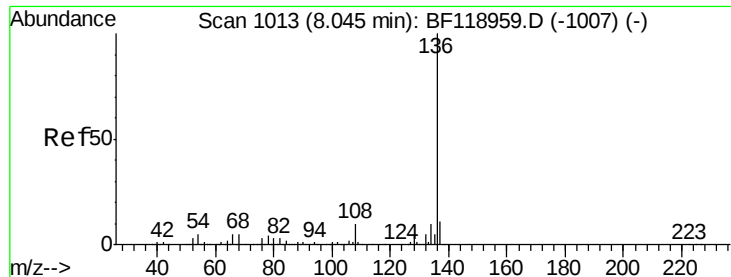
Tot Ion: 70 Resp: 305648
Ion Ratio Lower Upper
70 100
42 45.5 38.0 57.0
101 9.9 8.2 12.4
130 22.8 18.2 27.4



#20
3+4-Methylphenols
Concen: 50.660 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion: 107 Resp: 480043
Ion Ratio Lower Upper
107 100
108 87.6 71.5 111.5
77 37.6 45.9 85.9#
79 29.9 13.8 53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 587776

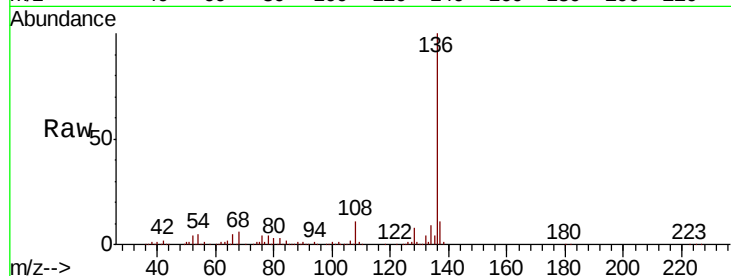
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.5 3.8 5.6

68 5.5 3.9 5.9

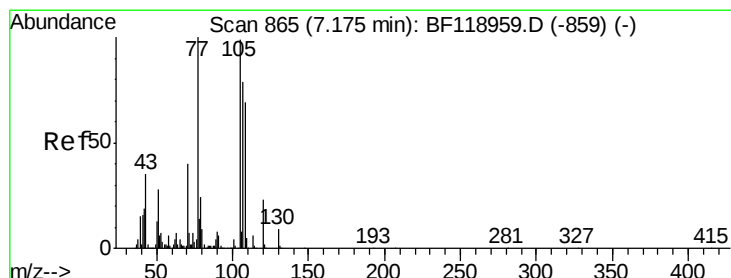
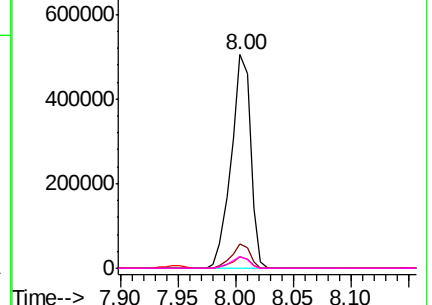
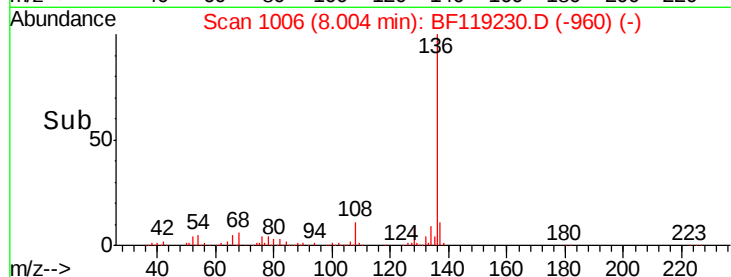


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.735 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Tgt Ion:105 Resp: 608377

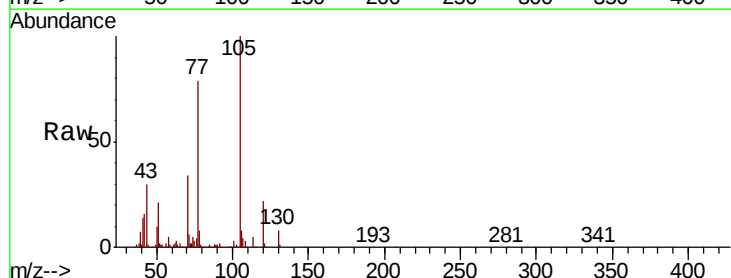
Ion Ratio Lower Upper

105 100

71 5.5 3.0 4.4#

51 21.0 20.1 30.1

120 22.4 18.0 27.0

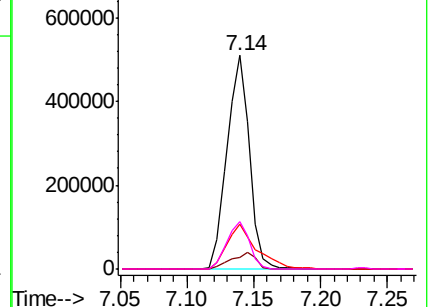
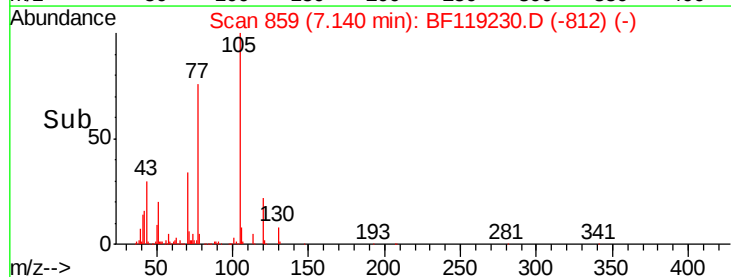


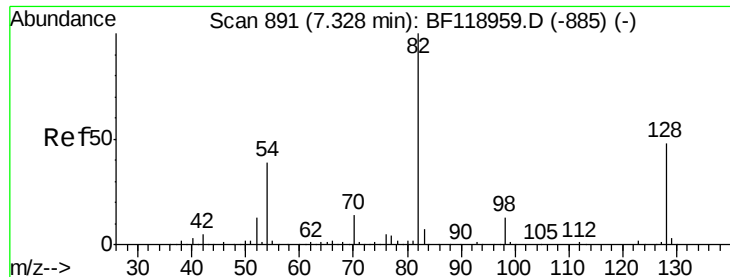
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

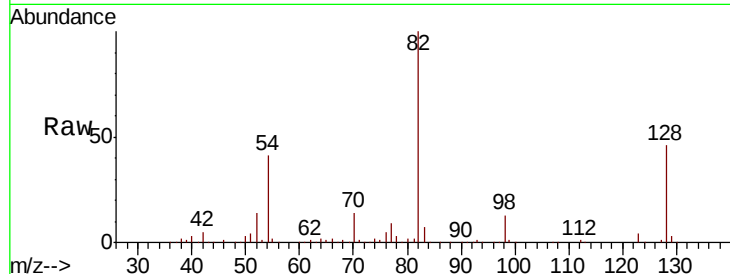




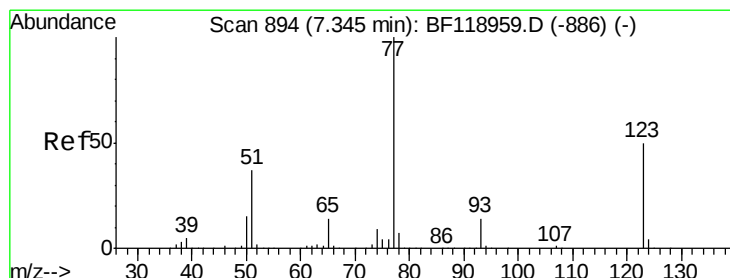
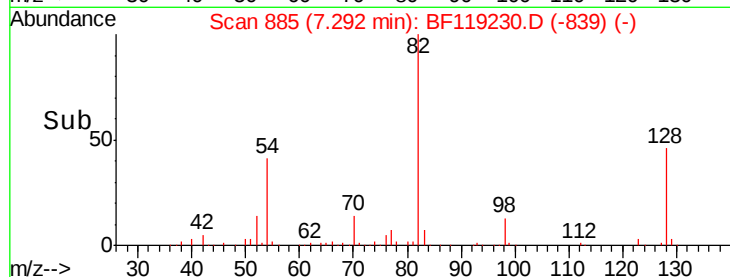
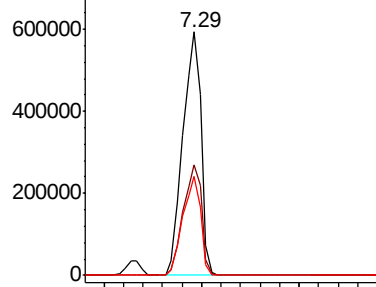
#23
 Nitrobenzene-d5
 Concen: 68.806 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 765955
 Ion Ratio Lower Upper
 82 100
 128 45.5 37.9 56.9
 54 40.9 33.4 50.2

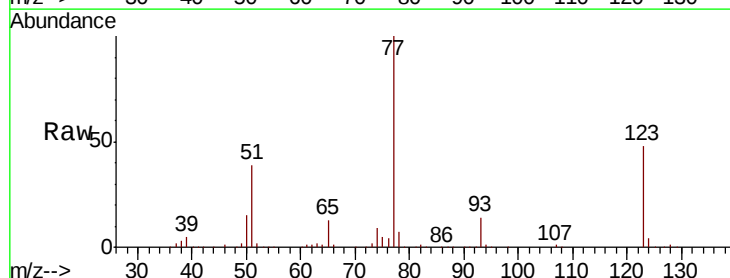


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

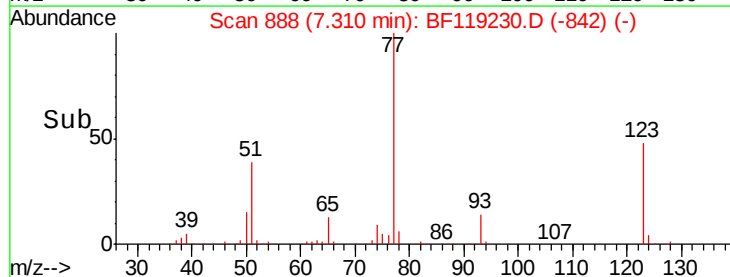
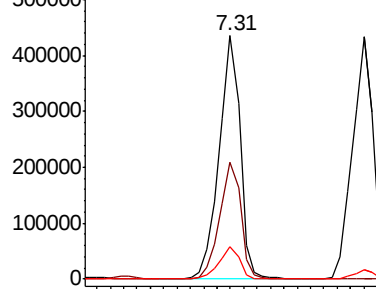


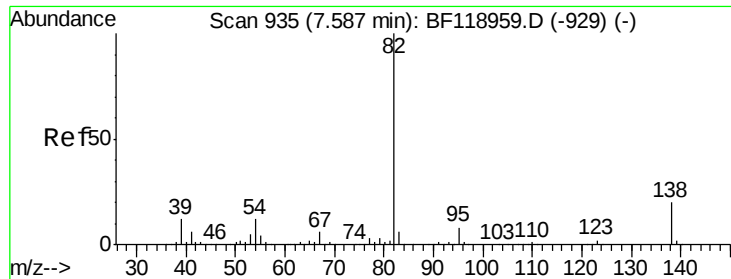
#24
 Nitrobenzene
 Concen: 42.417 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion: 77 Resp: 466954
 Ion Ratio Lower Upper
 77 100
 123 47.8 40.2 60.2
 65 13.3 10.8 16.2



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

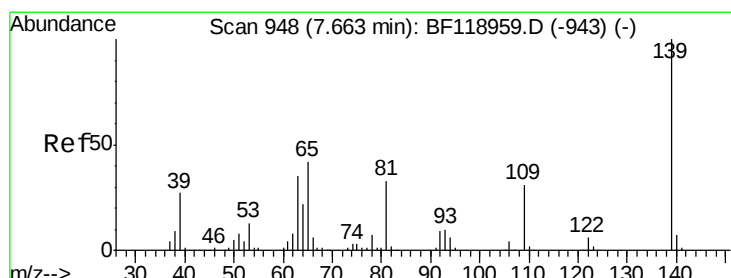
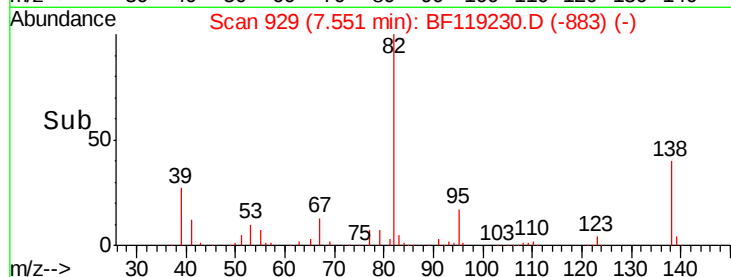
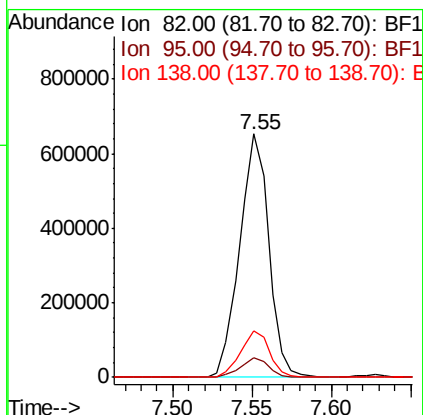
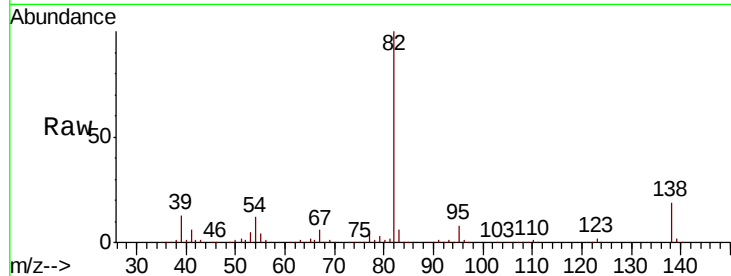




#25
Isophorone
Concen: 43.179 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

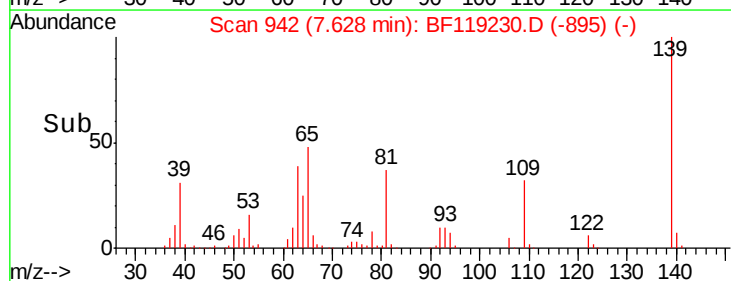
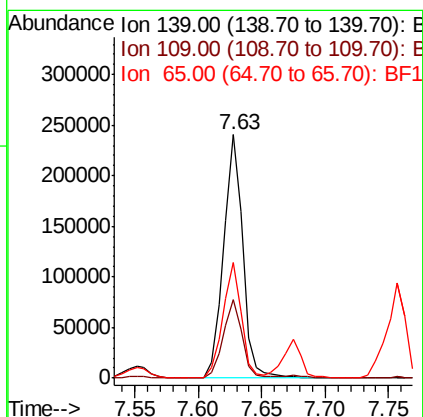
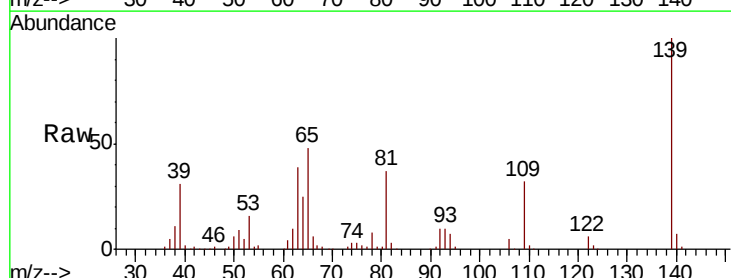
Instrument :
BNA_F
ClientSampleId :

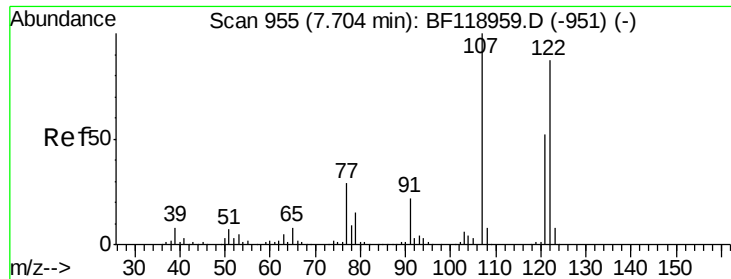
Tot Ion: 82 Resp: 834785
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 19.0 15.7 23.5



#26
2-Nitrophenol
Concen: 43.495 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion: 139 Resp: 253702
Ion Ratio Lower Upper
139 100
109 32.4 25.7 38.5
65 47.7 37.1 55.7

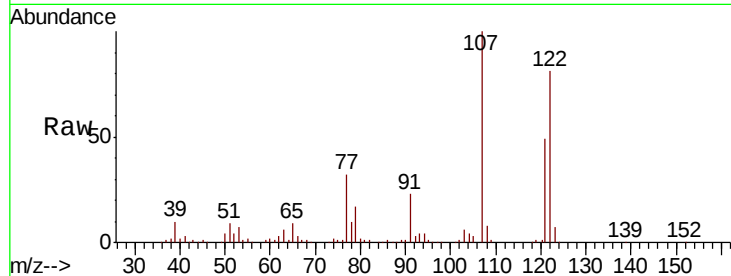




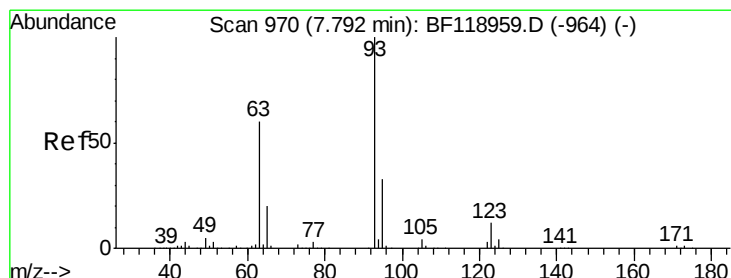
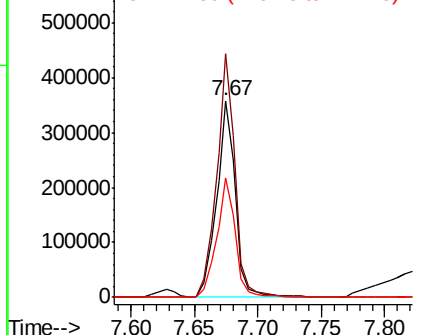
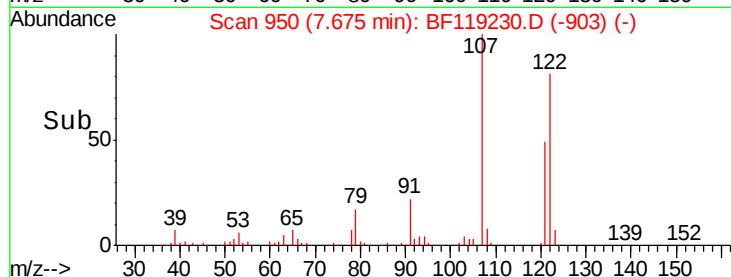
#27
 2,4-Dimethylphenol
 Concen: 46.648 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 369276
 Ion Ratio Lower Upper
 122 100
 107 123.9 93.8 140.6
 121 61.0 48.2 72.2

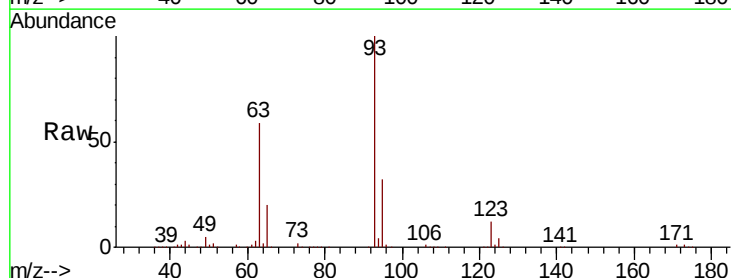


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

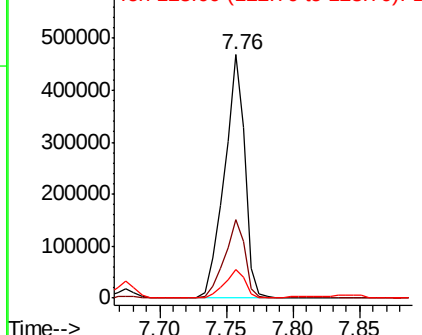
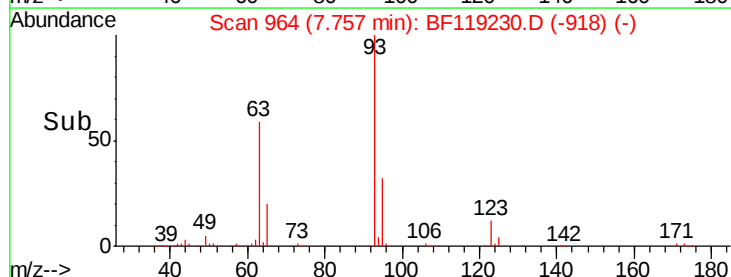


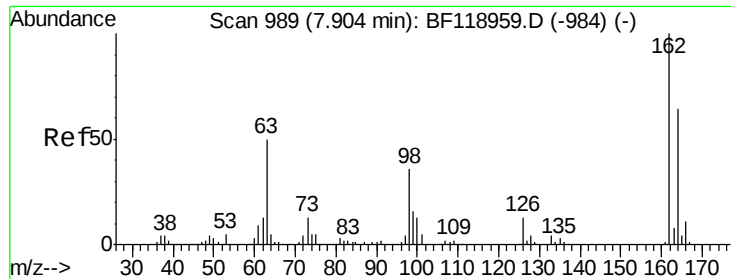
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.399 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.03 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion: 93 Resp: 508379
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 11.8 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

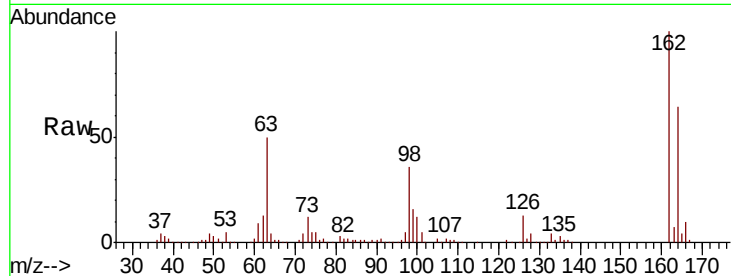




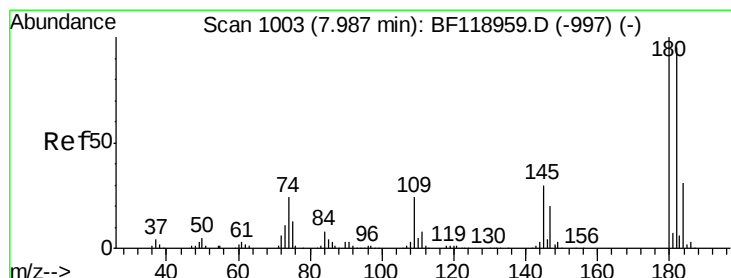
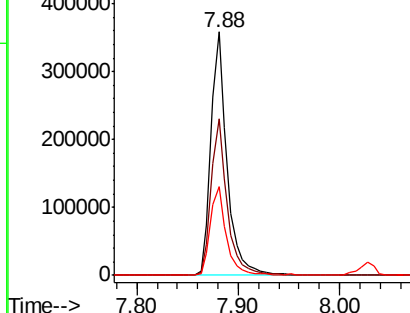
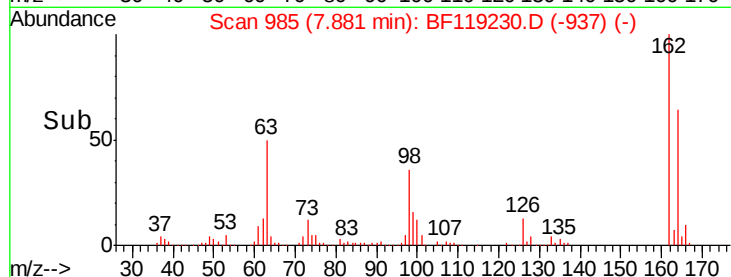
#29
 2,4-Dichlorophenol
 Concen: 42.623 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:162 Resp: 397214
 Ion Ratio Lower Upper
 162 100
 164 64.4 45.2 85.2
 98 36.3 17.4 57.4

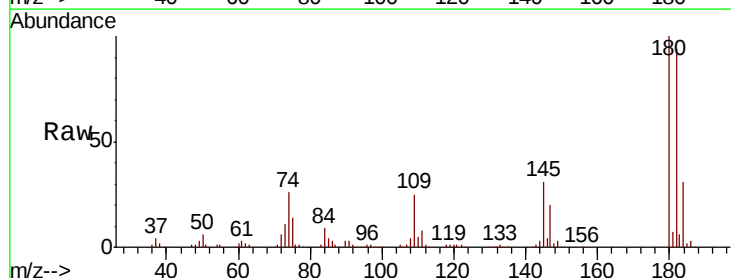


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

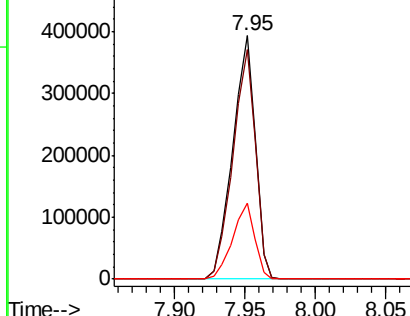
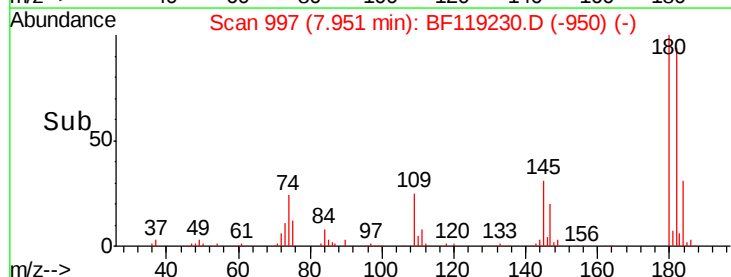


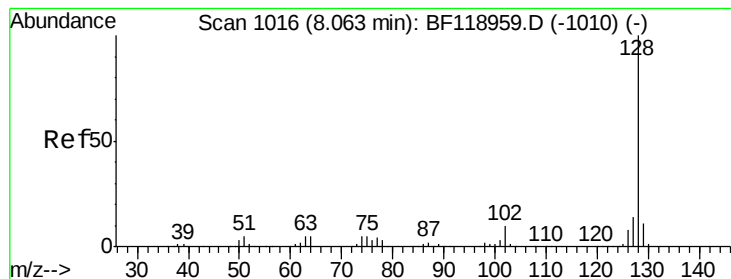
#30
 1,2,4-Trichlorobenzene
 Concen: 39.722 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion:180 Resp: 438899
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.8 116.6
 145 31.1 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: 42.355 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

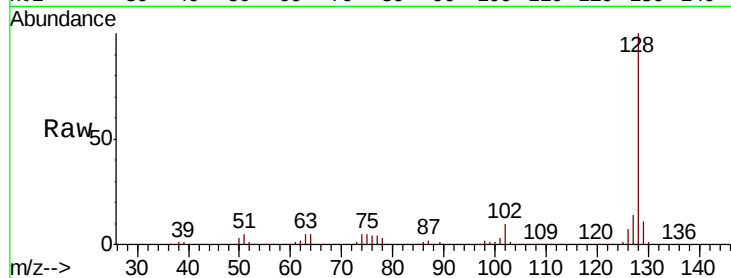
Tot Ion:128 Resp: 1291108

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

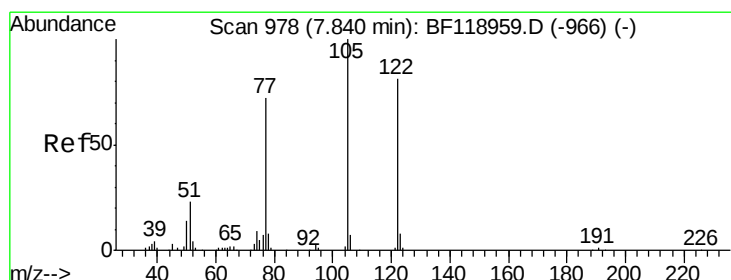
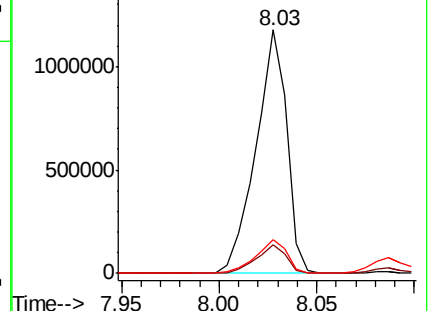
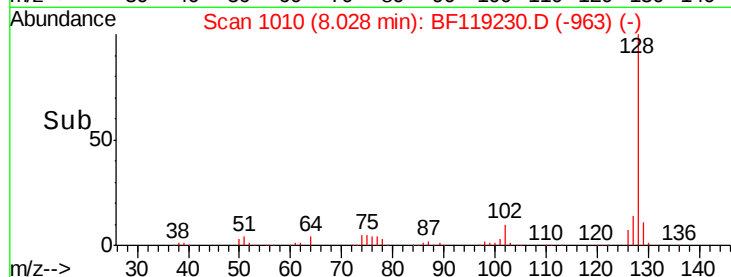
127 13.8 11.4 17.2



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: 39.097 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

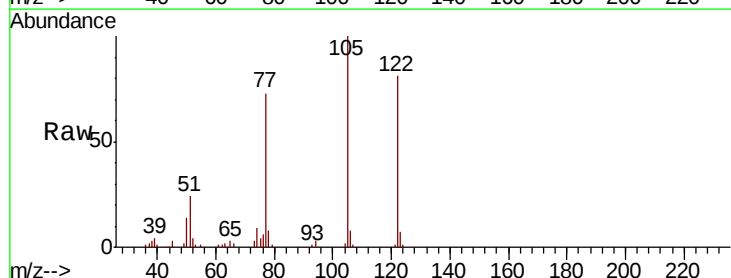
Tgt Ion:122 Resp: 217519

Ion Ratio Lower Upper

122 100

105 123.6 106.3 146.3

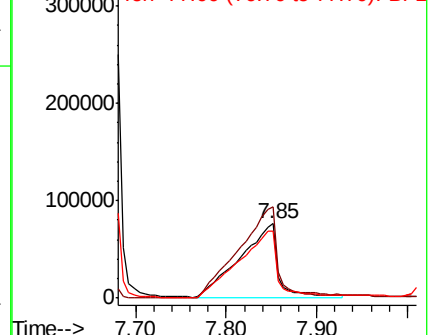
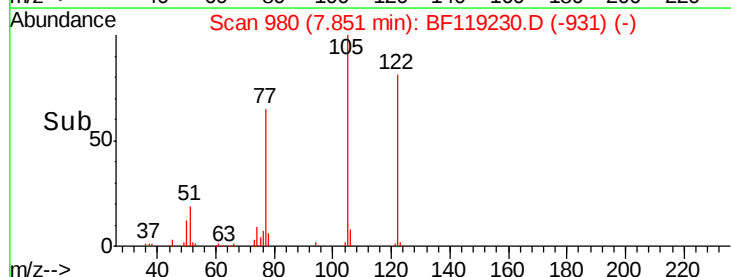
77 90.6 73.1 113.1

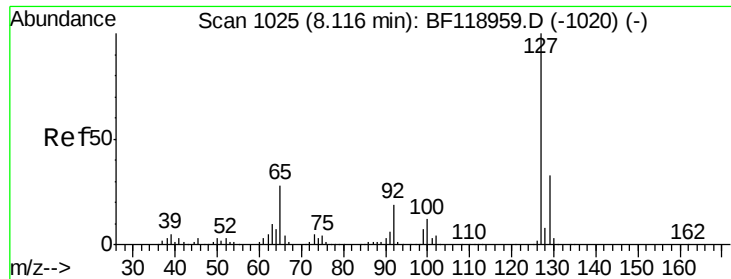


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

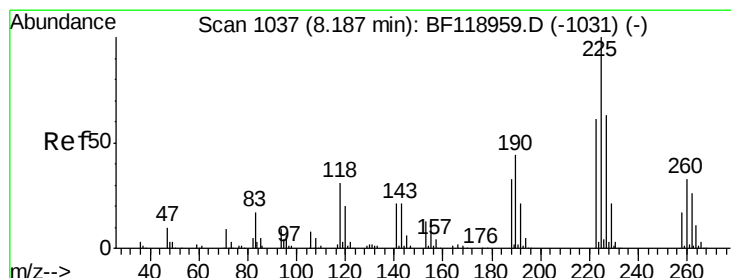
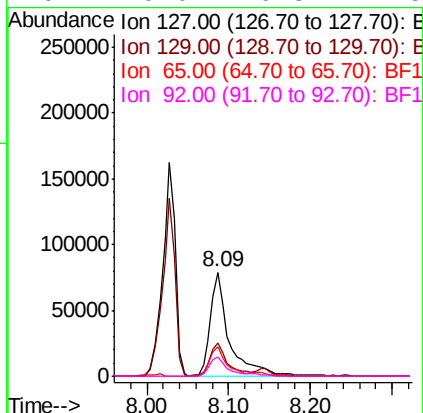
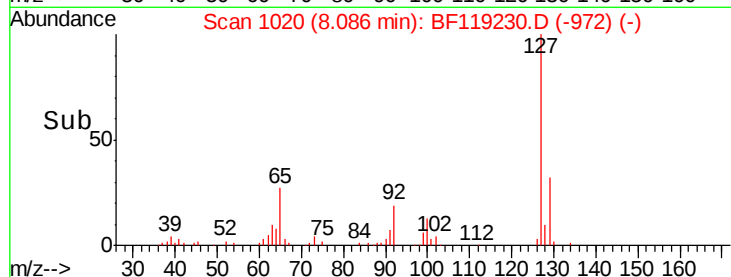
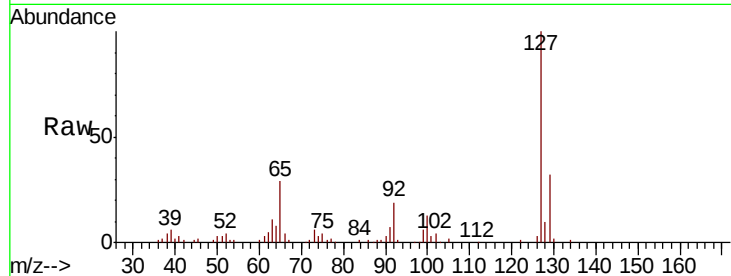




#33
4-Chloroaniline
Concen: 9.644 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

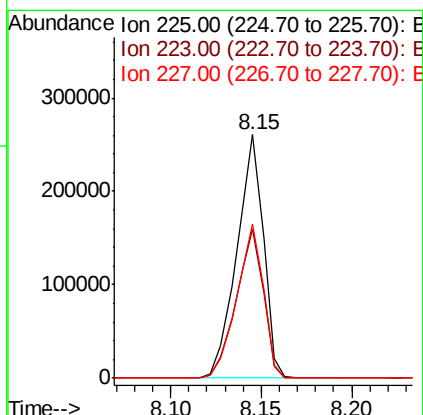
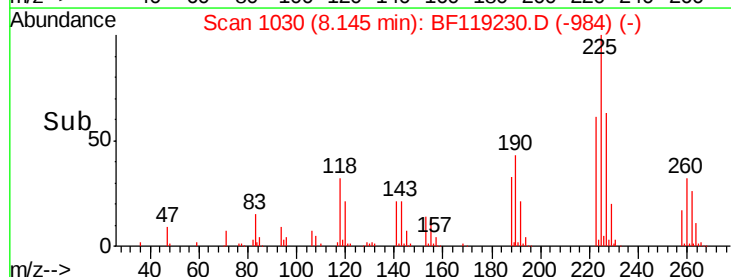
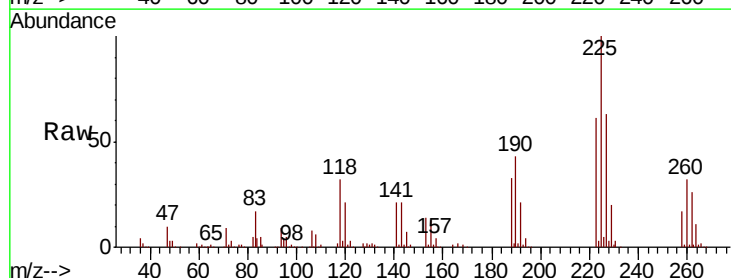
Instrument :
BNA_F
ClientSampled :

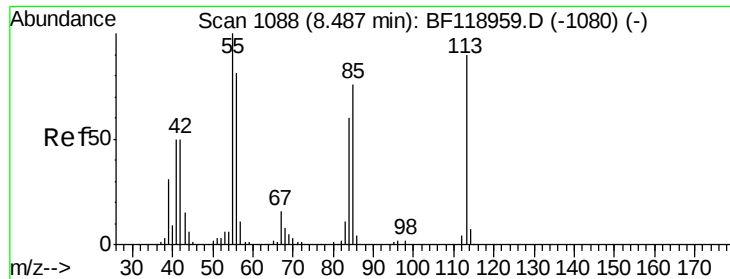
Tot Ion:	127	Resp:	126436
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	28.6	23.9	35.9
92	19.0	16.3	24.5



#34
Hexachlorobutadiene
Concen: 38.432 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion:	225	Resp:	264512
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.4	74.2
227	63.2	52.9	79.3

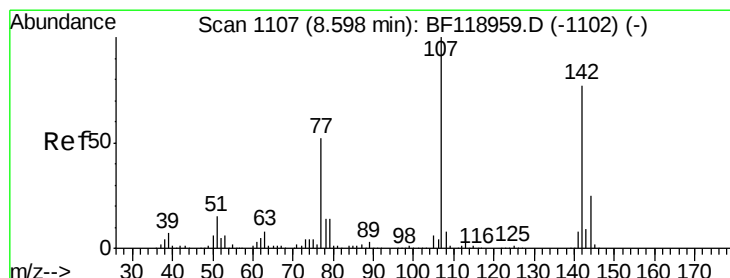
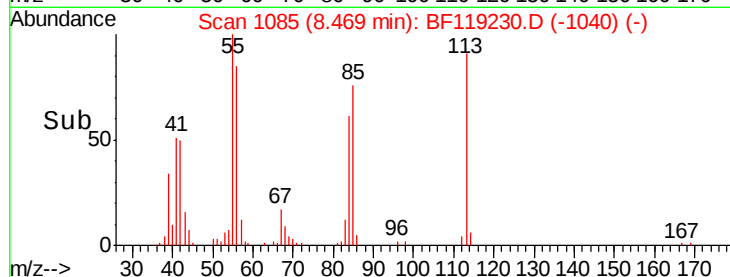
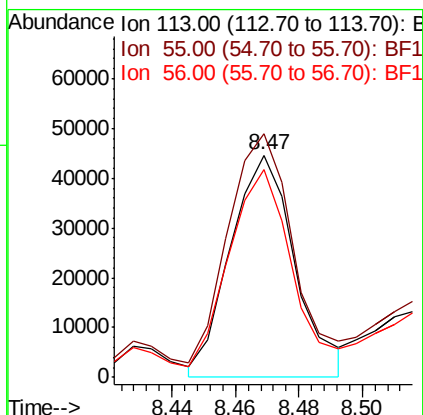
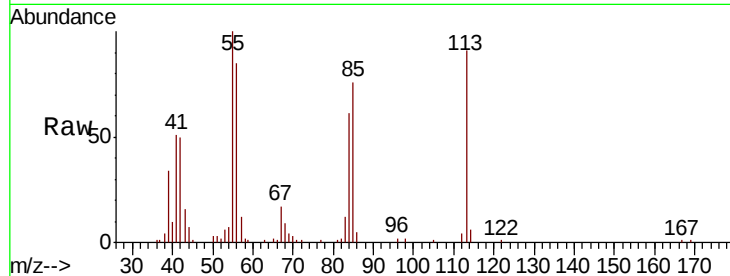




#35
 Caprolactam
 Concen: 21.926 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.04 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

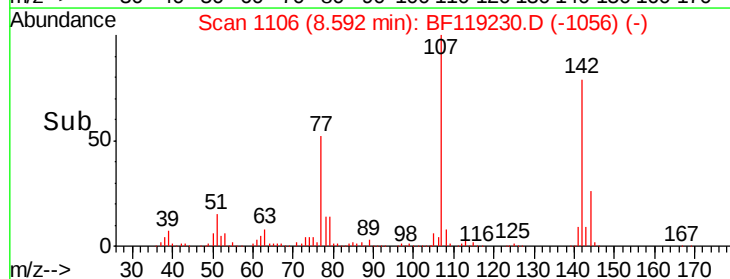
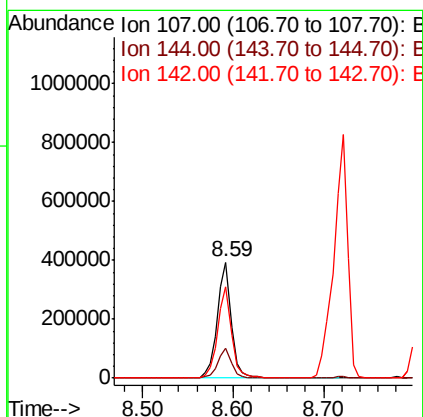
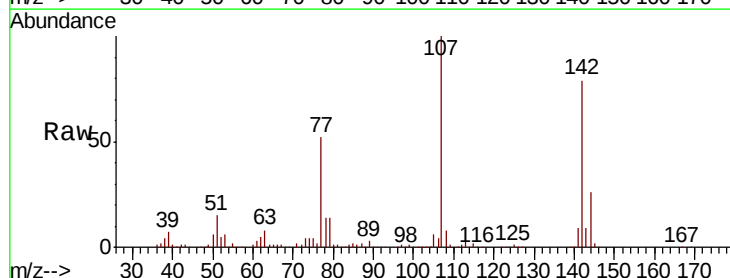
Instrument :
 BNA_F
 ClientSampleId :

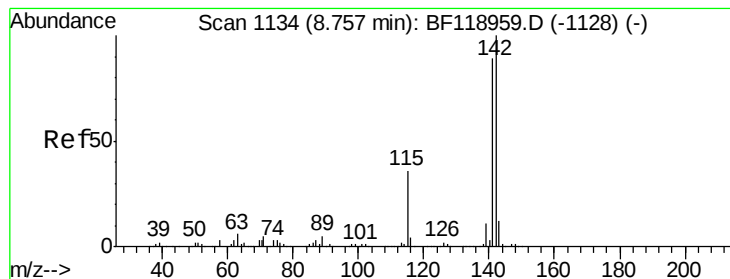
Tot Ion:113 Resp: 62918
 Ion Ratio Lower Upper
 113 100
 55 109.6 95.7 135.7
 56 93.4 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.715 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion:107 Resp: 421736
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.1 30.1
 142 78.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 43.857 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

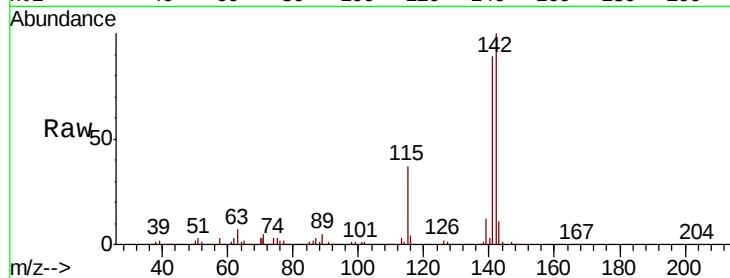
Tot Ion:142 Resp: 899695

Ion Ratio Lower Upper

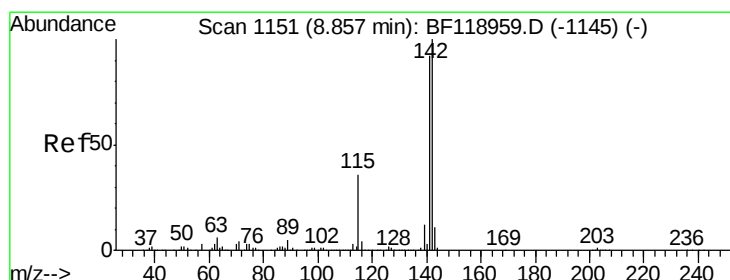
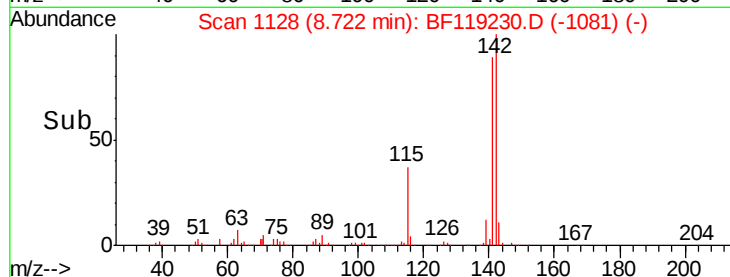
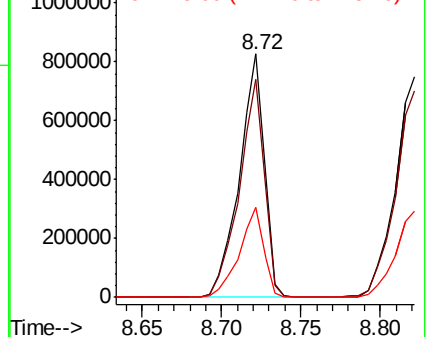
142 100

141 89.3 72.3 108.5

115 36.9 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: 43.360 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

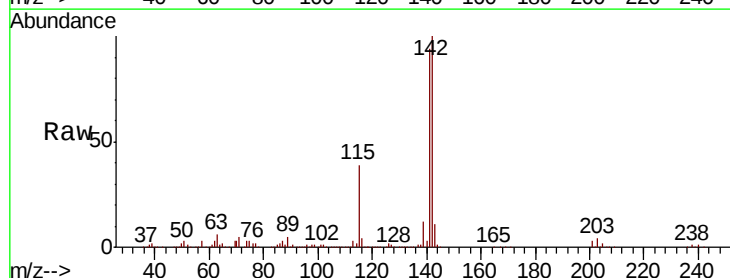
Tgt Ion:142 Resp: 836521

Ion Ratio Lower Upper

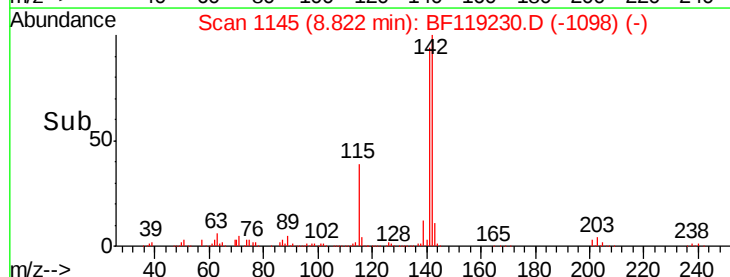
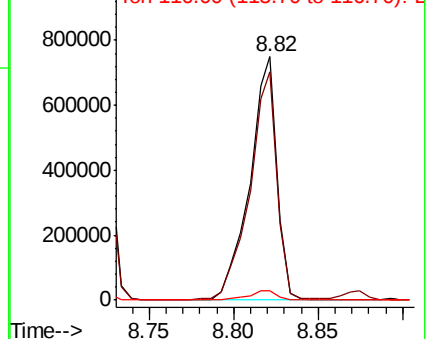
142 100

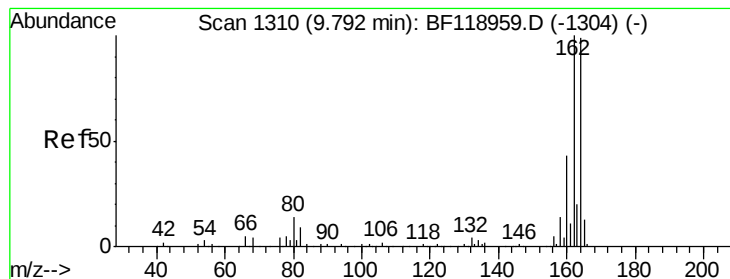
141 93.5 75.8 113.6

116 4.0 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. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

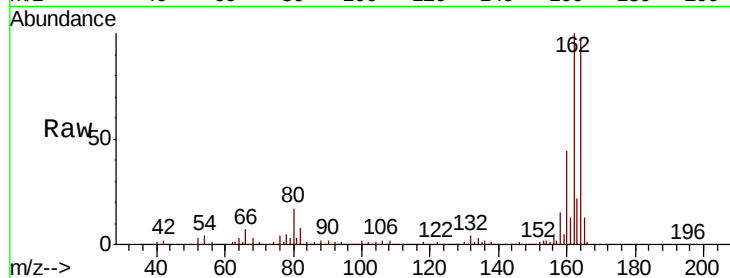
Tot Ion:164 Resp: 331515

Ion Ratio Lower Upper

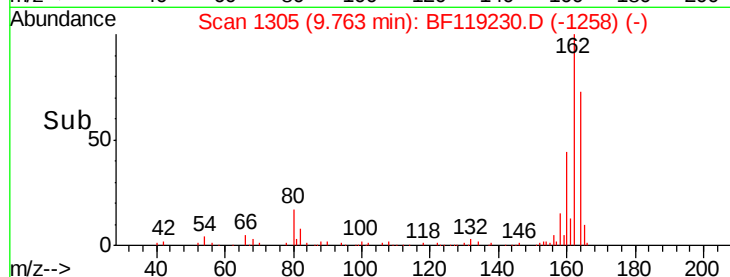
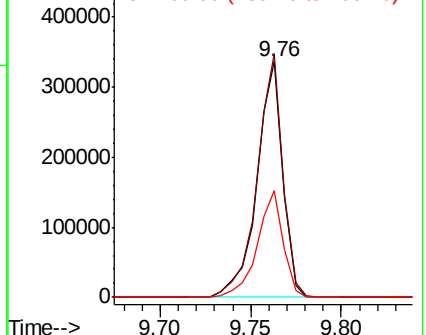
164 100

162 103.4 81.8 122.8

160 45.6 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: 39.487 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Tgt Ion:216 Resp: 441356

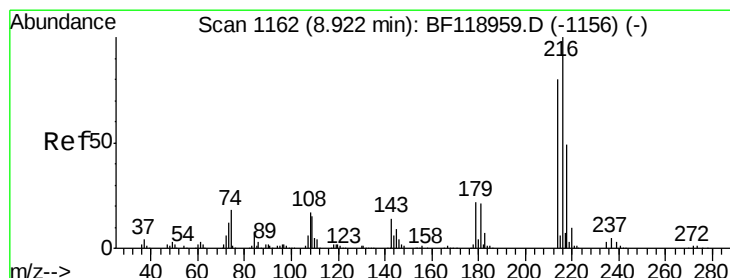
Ion Ratio Lower Upper

216 100

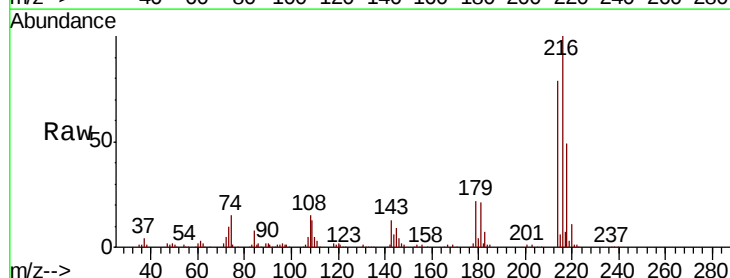
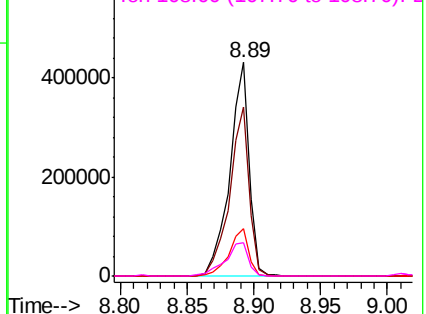
214 79.4 63.3 94.9

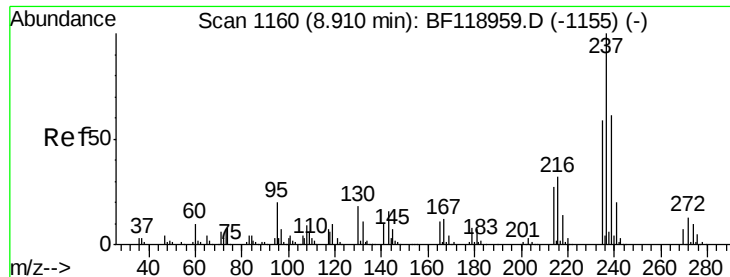
179 22.2 17.7 26.5

108 18.3 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: 60.470 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

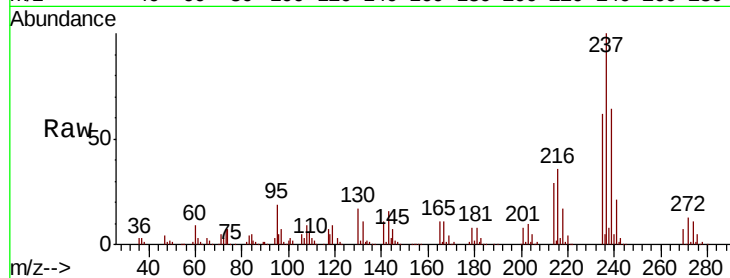
Tot Ion:237 Resp: 235452

Ion Ratio Lower Upper

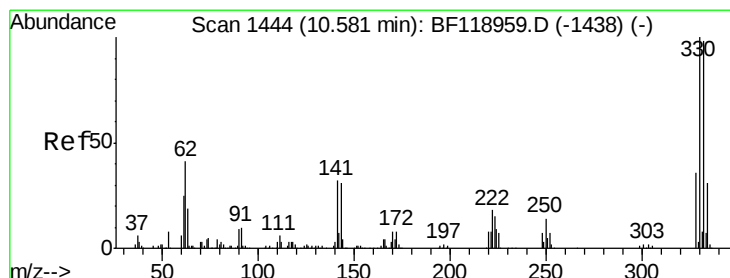
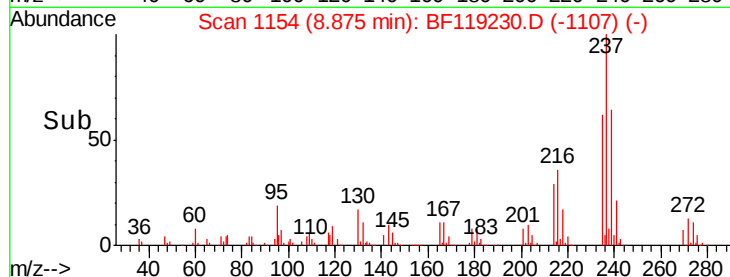
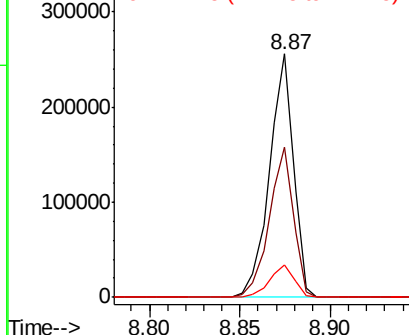
237 100

235 61.5 42.3 82.3

272 13.5 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: 95.943 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

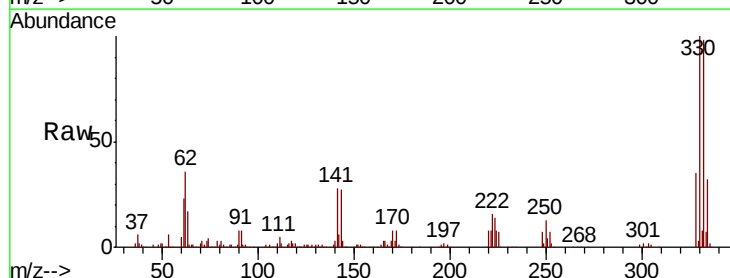
Tgt Ion:330 Resp: 416082

Ion Ratio Lower Upper

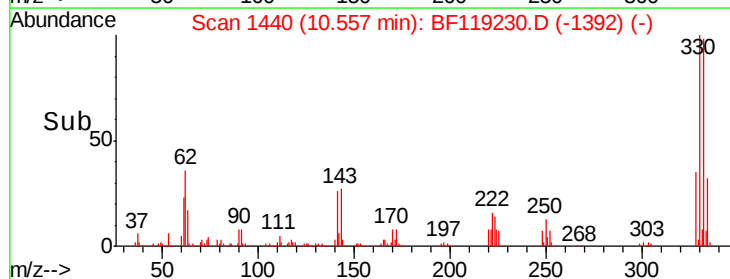
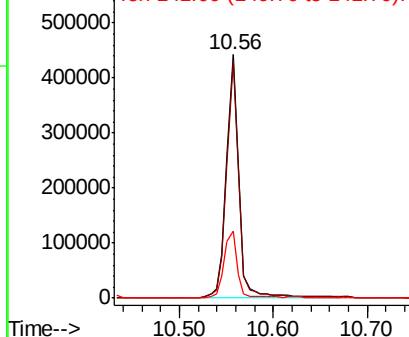
330 100

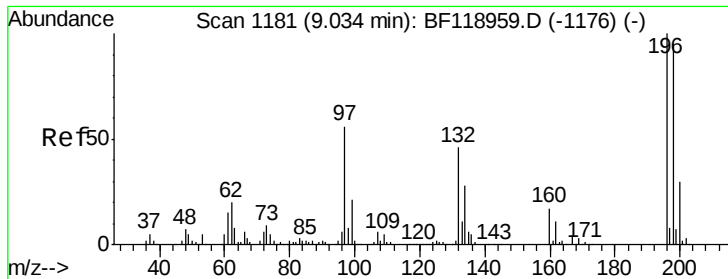
332 98.1 76.0 114.0

141 29.5 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

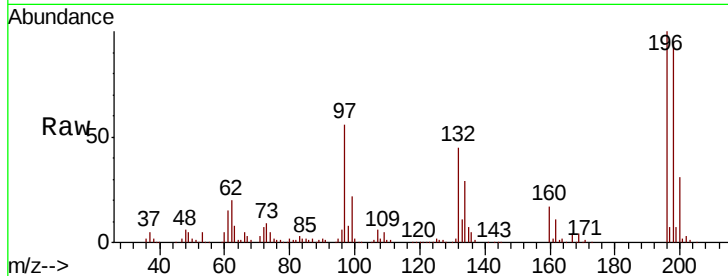




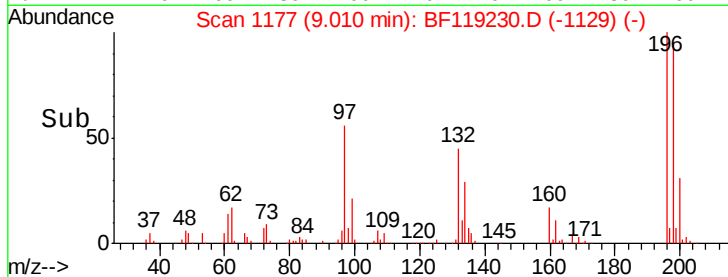
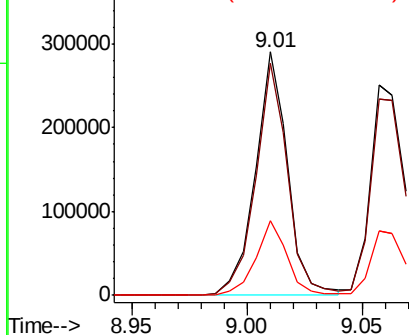
#43
 2,4,6-Trichlorophenol
 Concen: 39.994 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 282296
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.1 115.7
 200 30.6 25.0 37.6



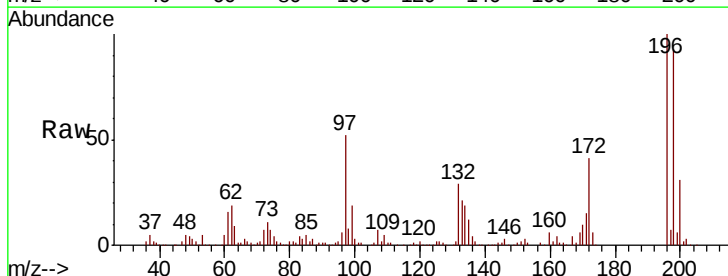
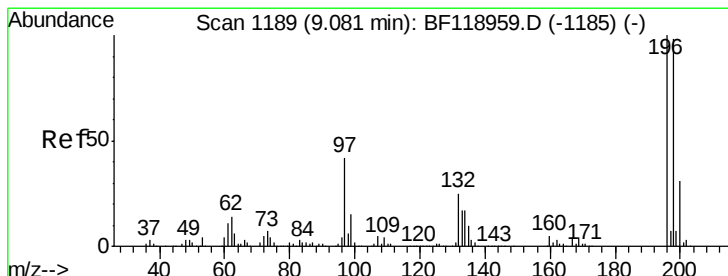
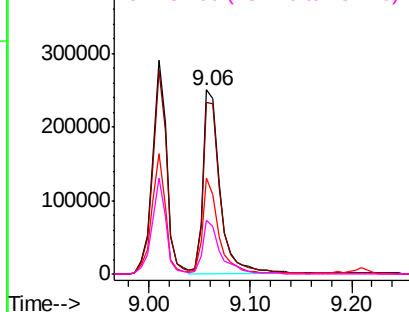
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

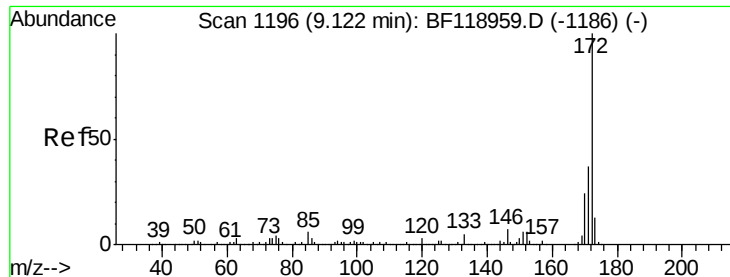


#44
 2,4,5-Trichlorophenol
 Concen: 39.780 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion:196 Resp: 294643
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.8 115.2
 97 52.1 38.5 57.7
 132 29.4 22.2 33.4

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

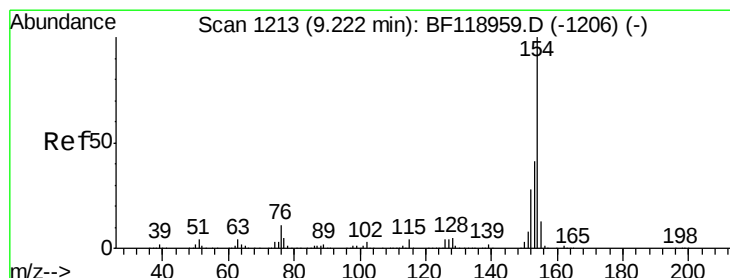
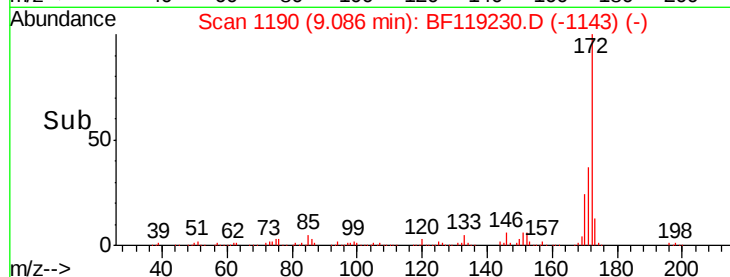
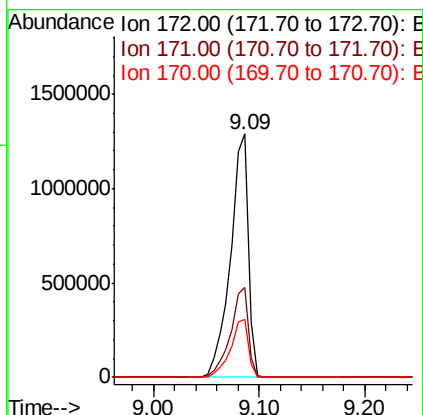
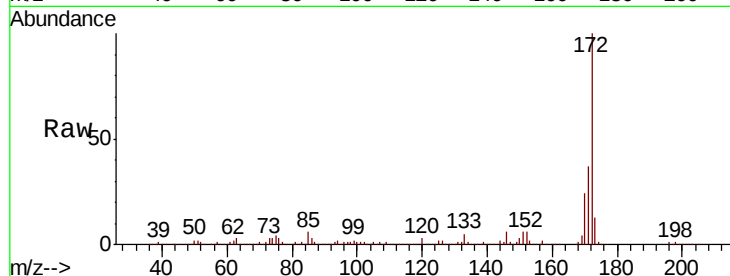




#45
 2-Fluorobiphenyl
 Concen: 66.649 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

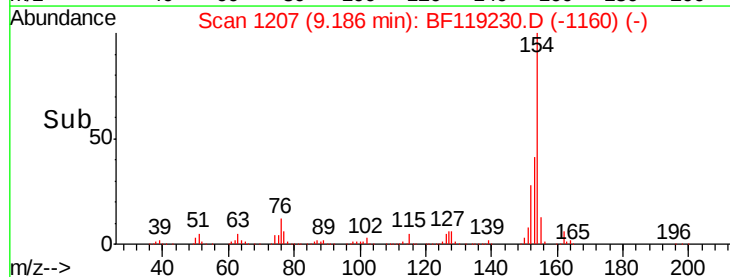
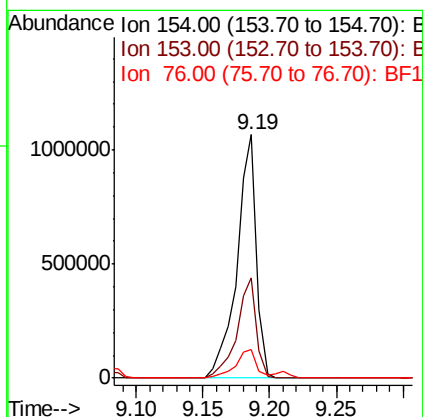
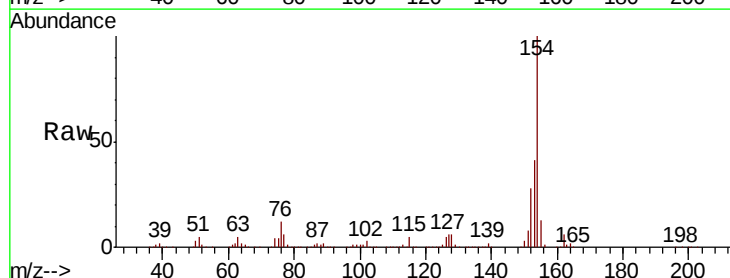
Instrument :
 BNA_F
 ClientSampleId :

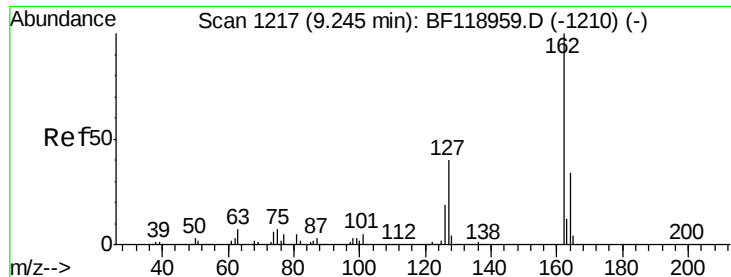
Tot Ion:172 Resp: 1499831
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 45.8
 170 24.0 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.544 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion:154 Resp: 1086304
 Ion Ratio Lower Upper
 154 100
 153 41.4 22.8 62.8
 76 11.5 0.0 32.2

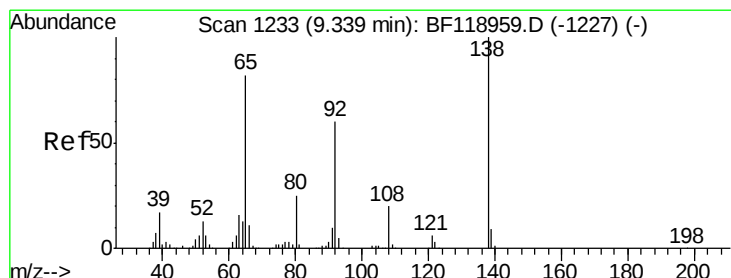
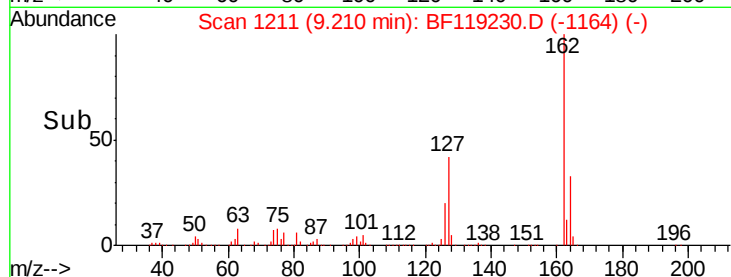
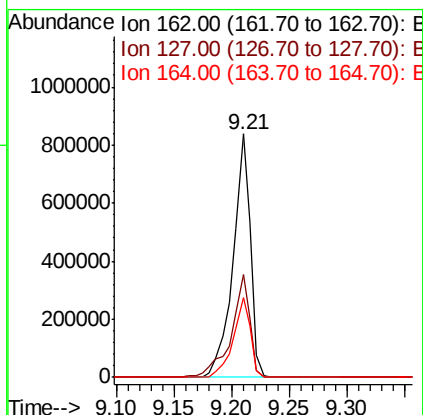
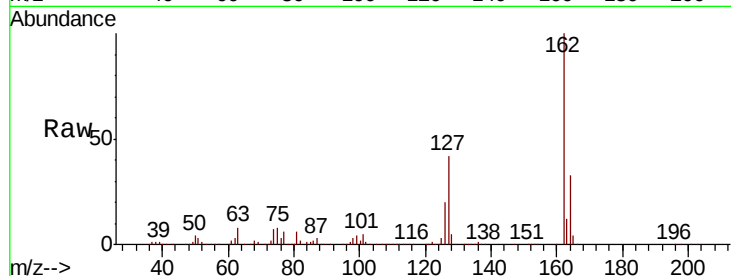




#47
 2-Chloronaphthalene
 Concen: 40.031 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

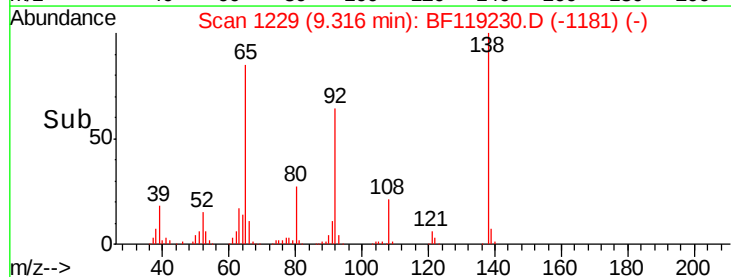
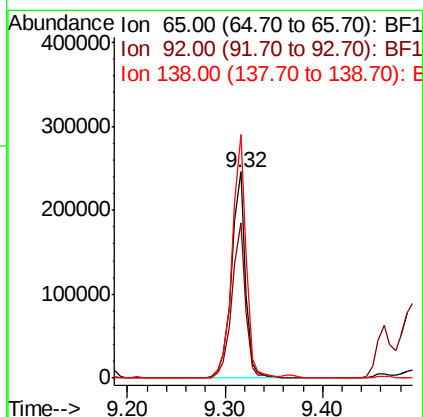
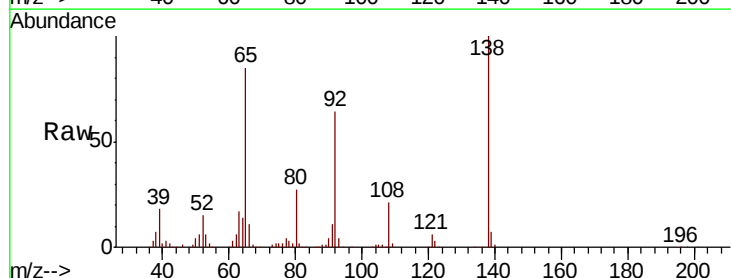
Instrument :
 BNA_F
 ClientSampleId :

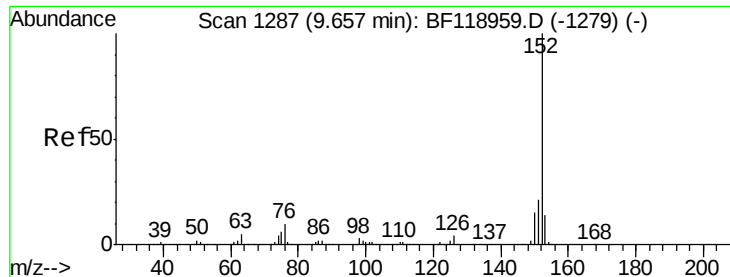
Tot Ion:162 Resp: 864312
 Ion Ratio Lower Upper
 162 100
 127 42.1 35.0 52.4
 164 33.0 27.2 40.8



#48
 2-Nitroaniline
 Concen: 40.679 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion: 65 Resp: 244978
 Ion Ratio Lower Upper
 65 100
 92 75.5 58.2 87.2
 138 118.3 95.6 143.4





#49

Acenaphthylene

Concen: 42.453 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

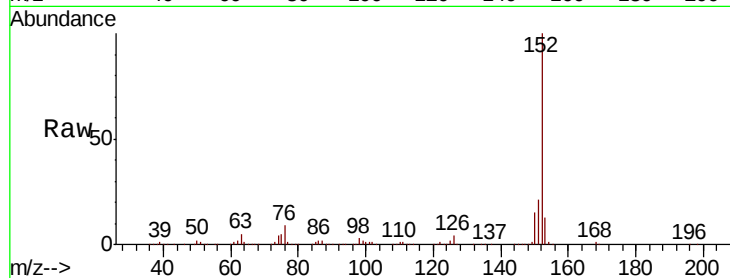
Tot Ion:152 Resp: 1323876

Ion Ratio Lower Upper

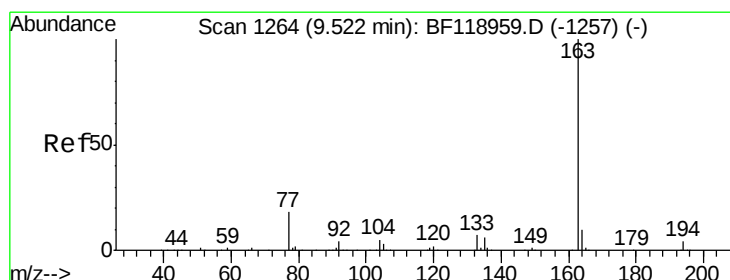
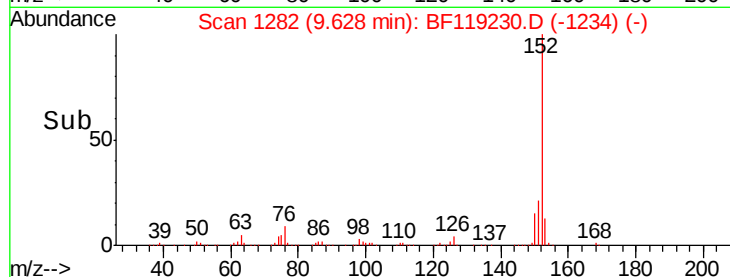
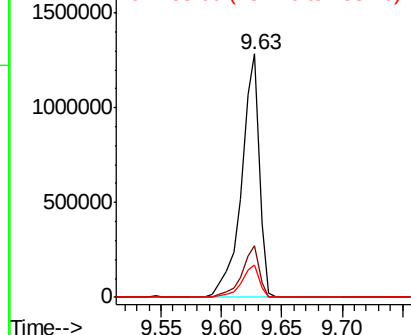
152 100

151 21.0 16.9 25.3

153 13.3 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: 48.057 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

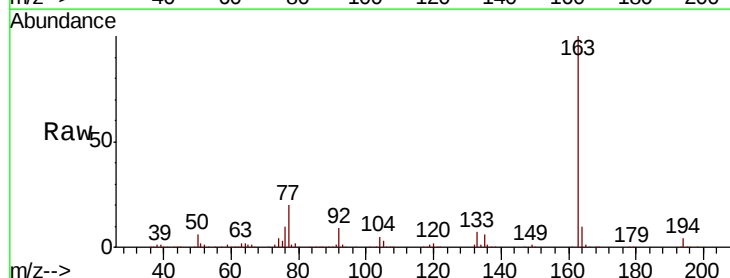
Tgt Ion:163 Resp: 1218261

Ion Ratio Lower Upper

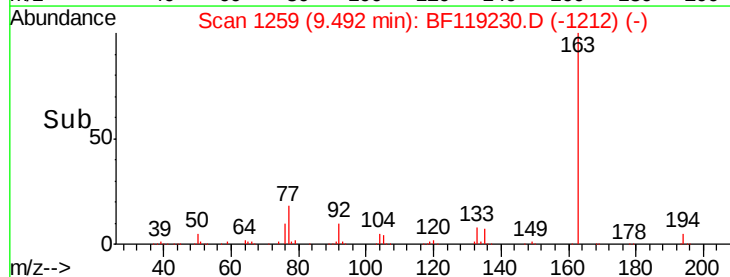
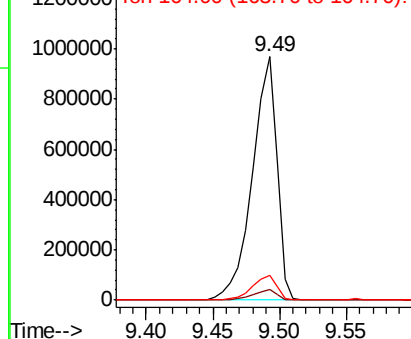
163 100

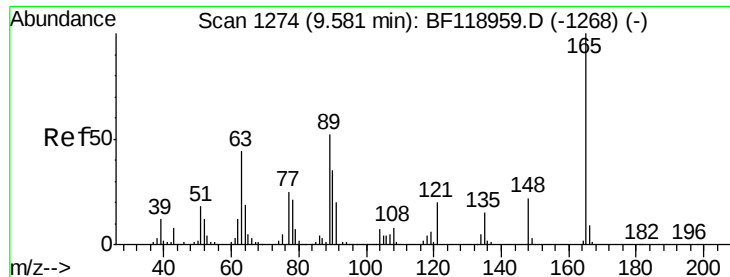
194 4.4 3.5 5.3

164 10.2 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: 41.621 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

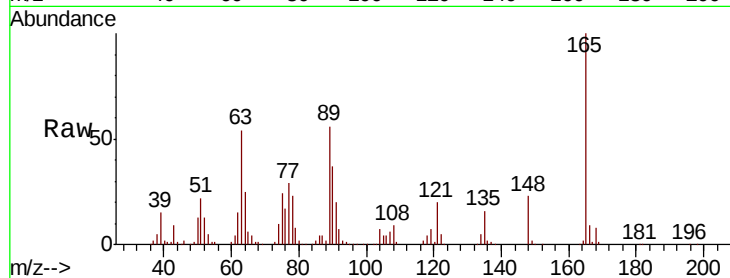
Tot Ion:165 Resp: 234413

Ion Ratio Lower Upper

165 100

63 54.2 34.3 51.5#

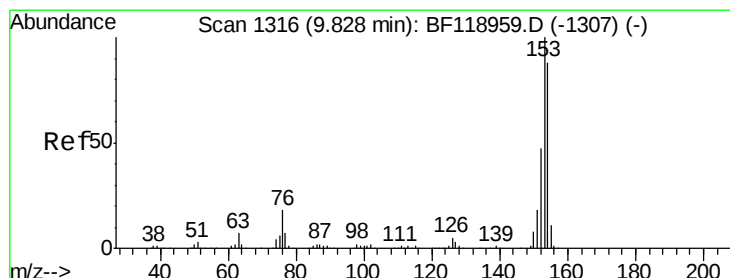
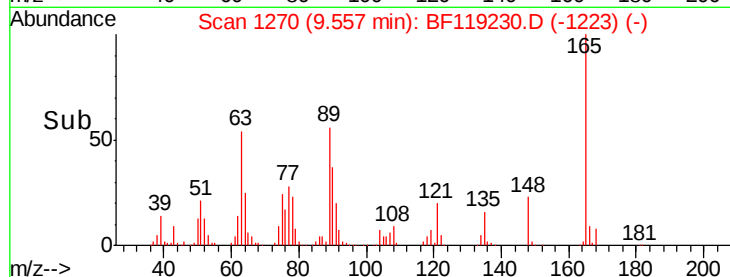
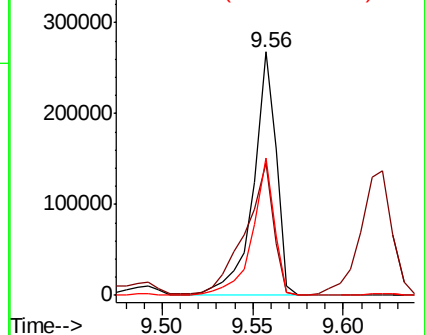
89 56.3 38.3 57.5



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



#52

Acenaphthene

Concen: 41.561 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

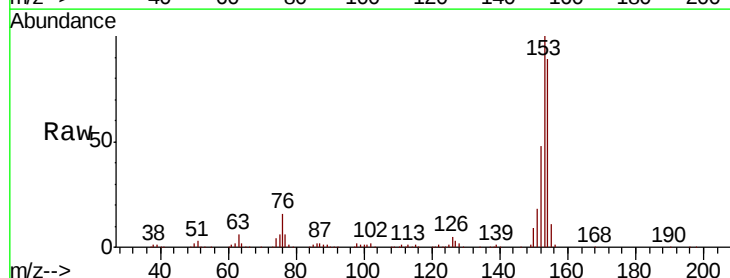
Tgt Ion:154 Resp: 781505

Ion Ratio Lower Upper

154 100

153 112.6 90.3 135.5

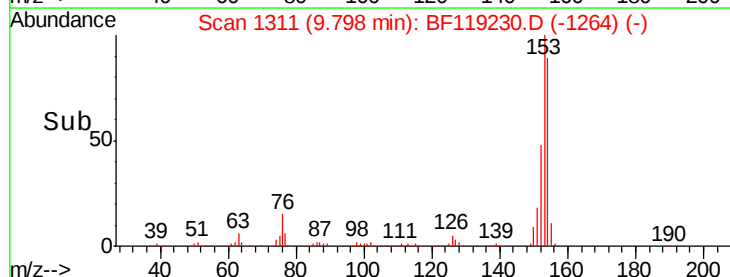
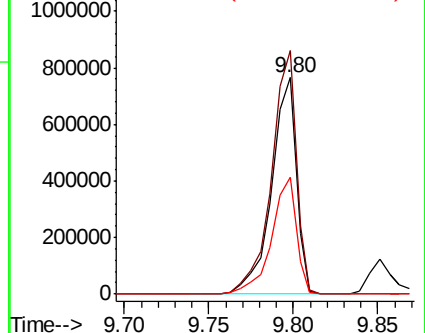
152 54.3 43.8 65.8

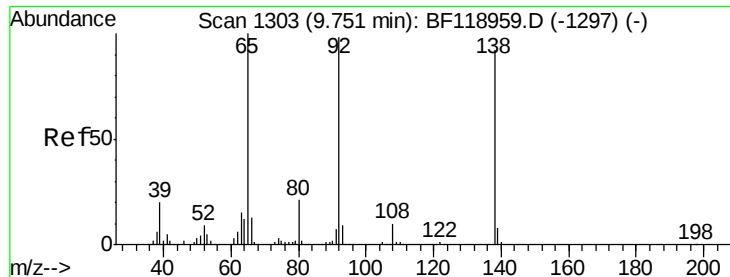


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

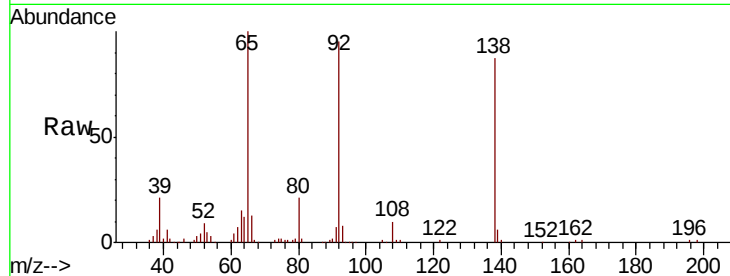




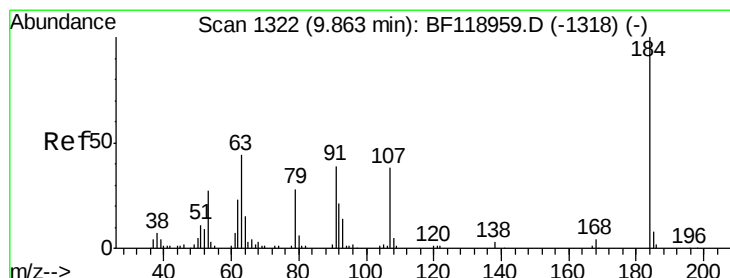
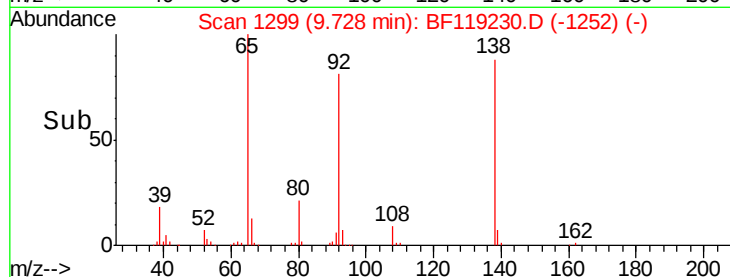
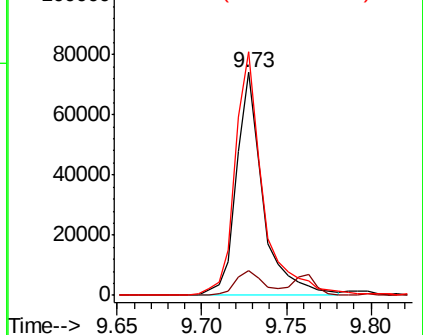
#53
3-Nitroaniline
Concen: 12.877 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 80401
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 109.3 84.8 127.2

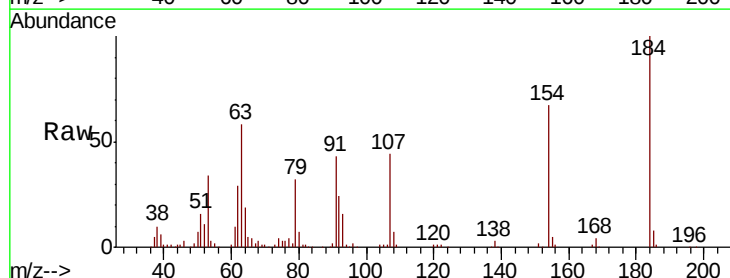


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

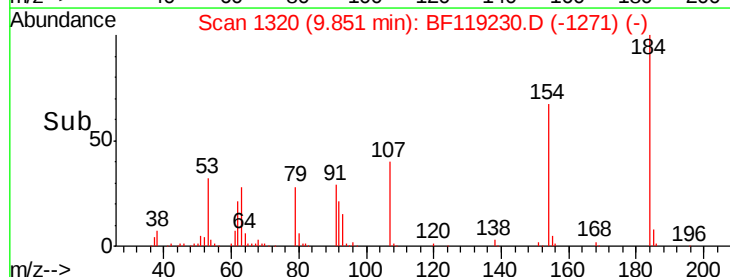
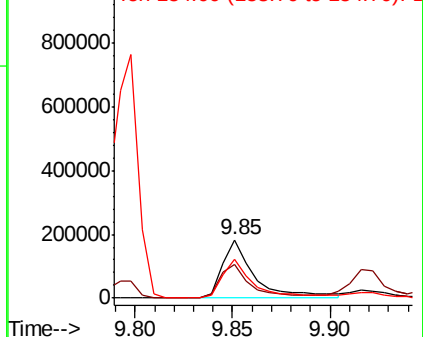


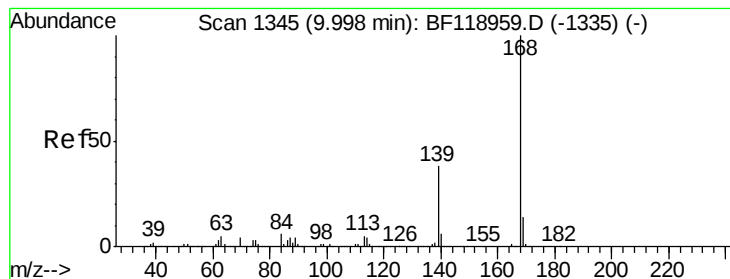
#54
2,4-Dinitrophenol
Concen: 77.165 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion:184 Resp: 210427
Ion Ratio Lower Upper
184 100
63 58.4 38.7 58.1#
154 66.9 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

Dibenzenofuran

Concen: 41.272 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampled :

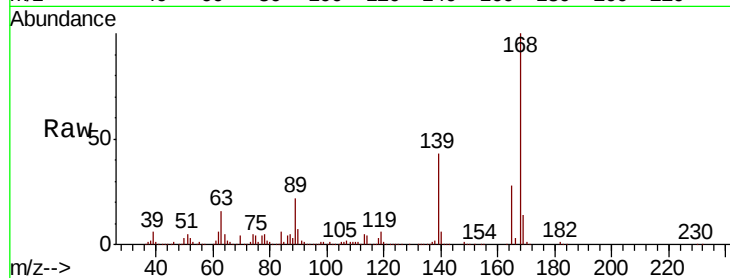
Tot Ion:168 Resp: 1158346

Ion Ratio Lower Upper

168 100

139 42.6 34.0 51.0

169 13.6 11.0 16.4

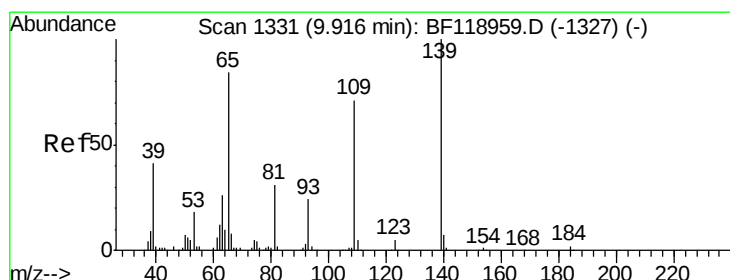
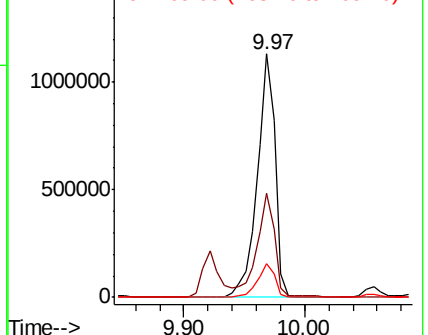
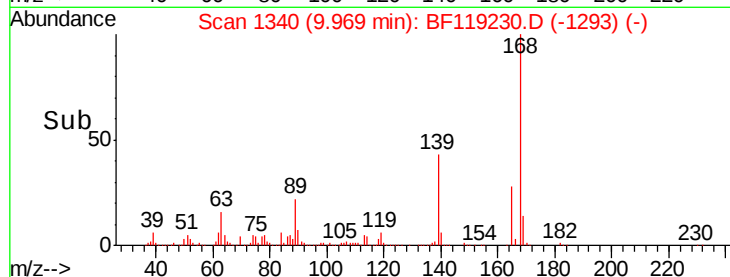


Abundance

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: 55.737 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

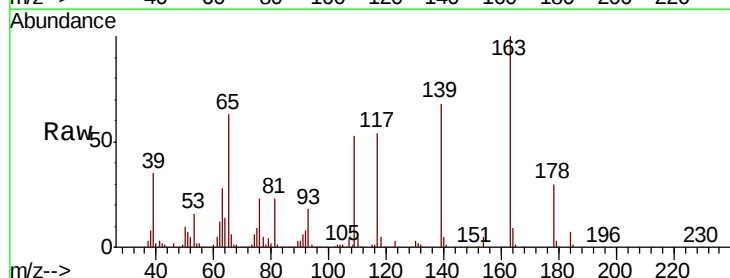
Tgt Ion:139 Resp: 209095

Ion Ratio Lower Upper

139 100

109 77.0 56.7 96.7

65 92.2 65.0 105.0

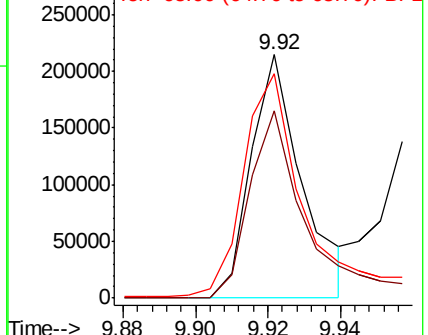
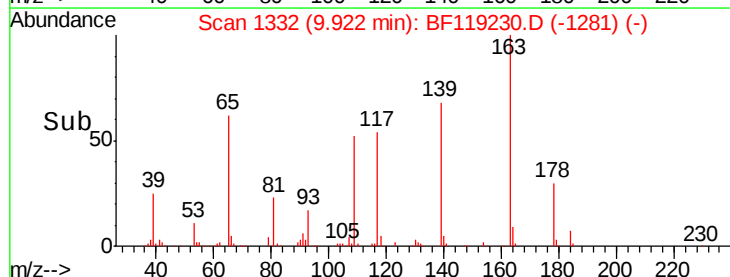


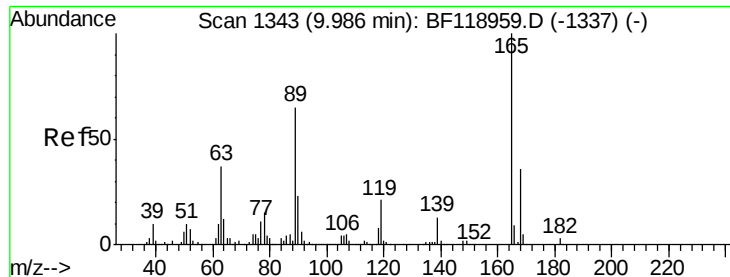
Abundance

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

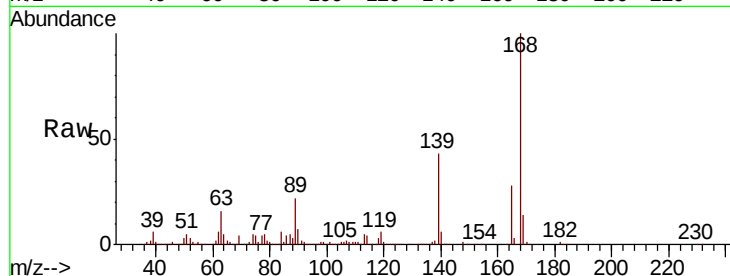




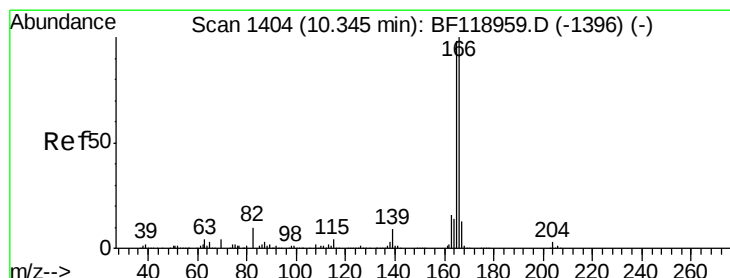
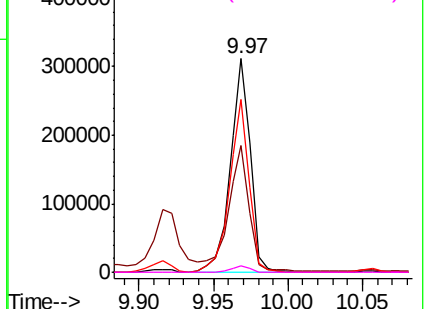
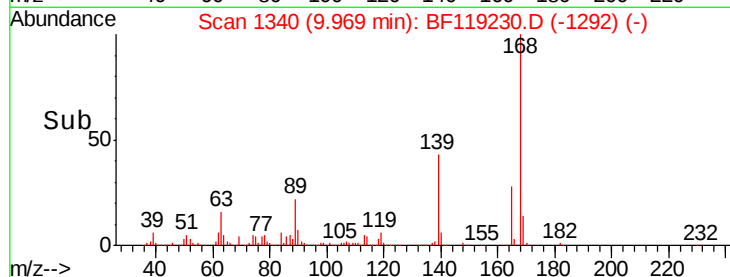
#57
 2,4-Dinitrotoluene
 Concen: 40.353 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.4	42.3	63.5
89	80.9	60.2	90.4
182	2.7	2.3	3.5

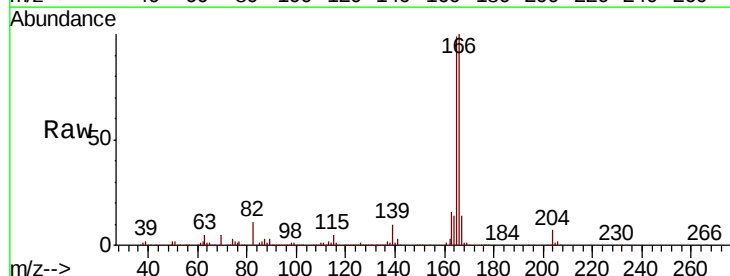


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

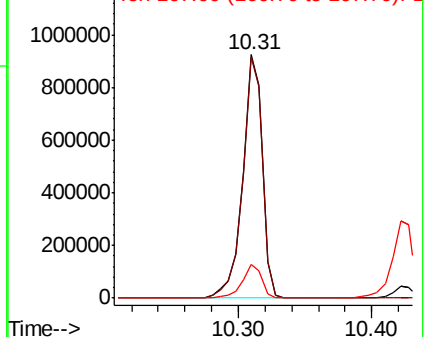
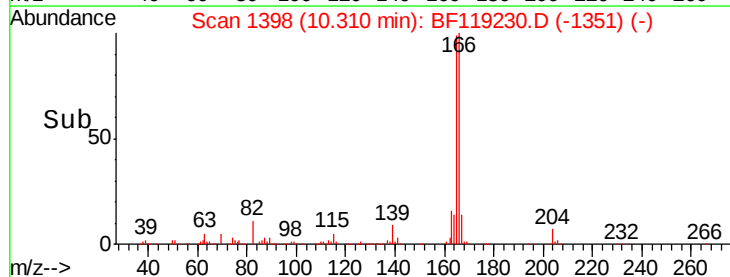


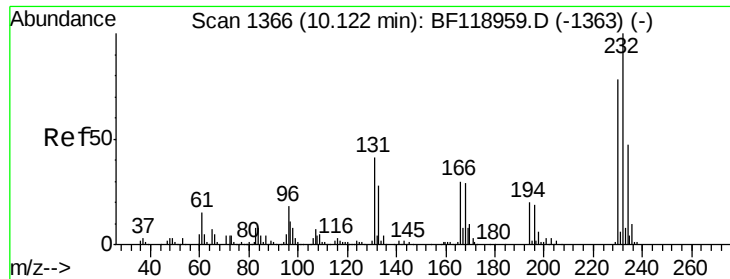
#58
 Fluorene
 Concen: 42.780 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.5	117.7
167	13.8	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

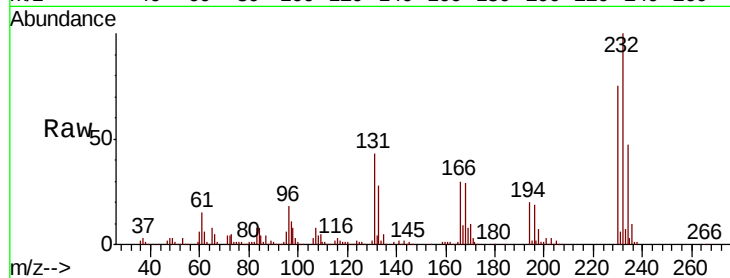




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.523 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.1	33.8	50.8
130	2.3	1.8	2.6
166	26.0	23.0	34.4



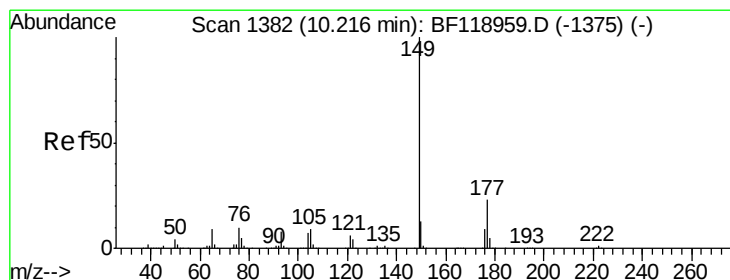
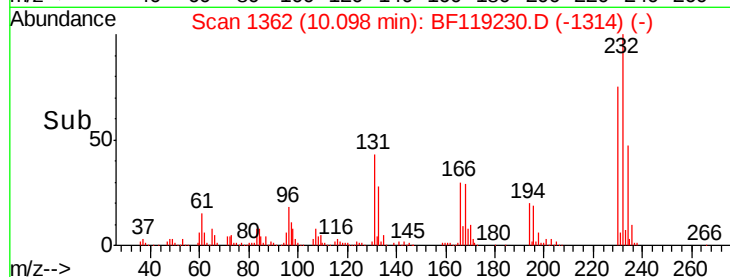
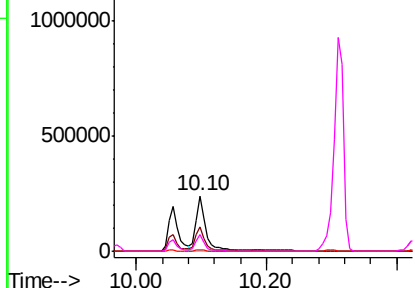
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

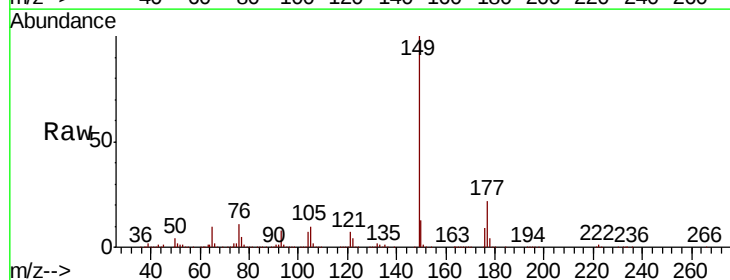
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.163 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.2	27.2
150	12.8	10.5	15.7

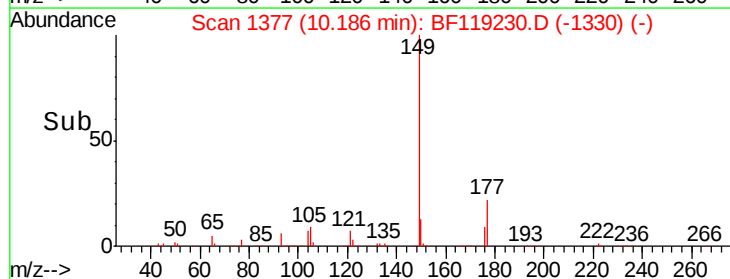
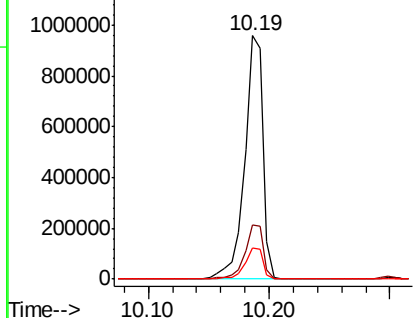


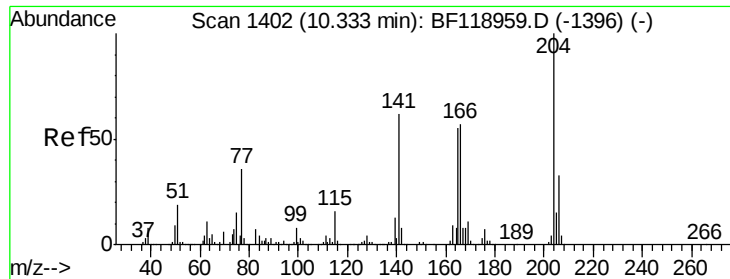
Abundance

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

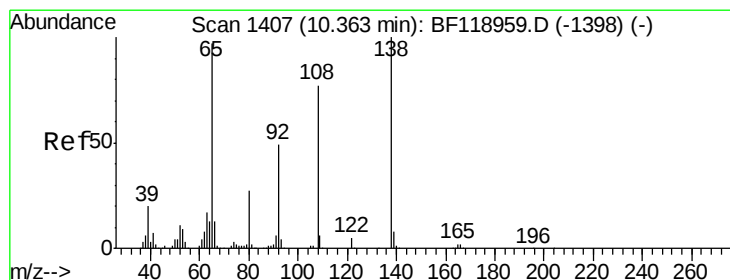
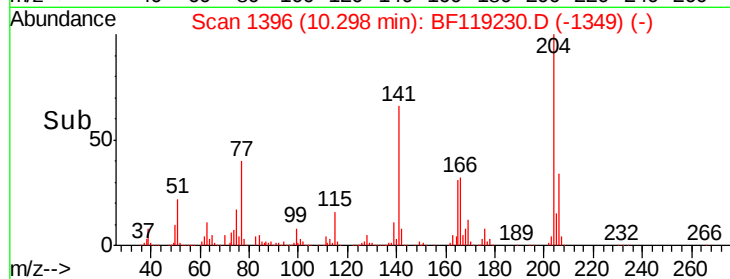
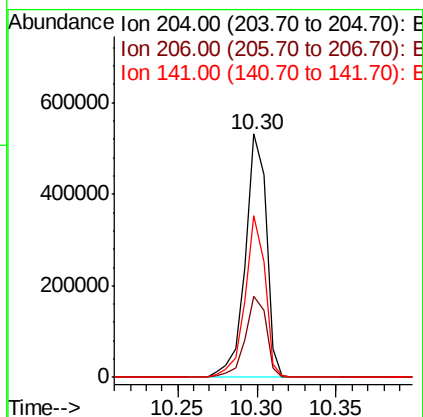
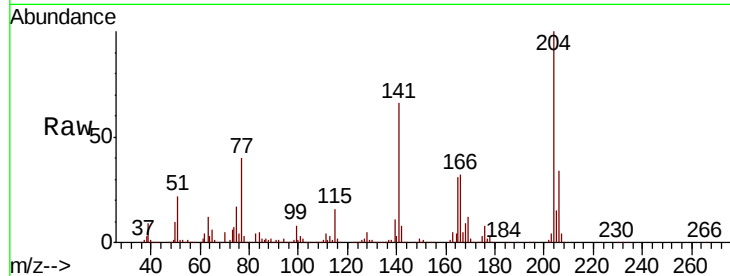




#61
 4-Chlorophenyl-phenylether
 Concen: 42.316 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

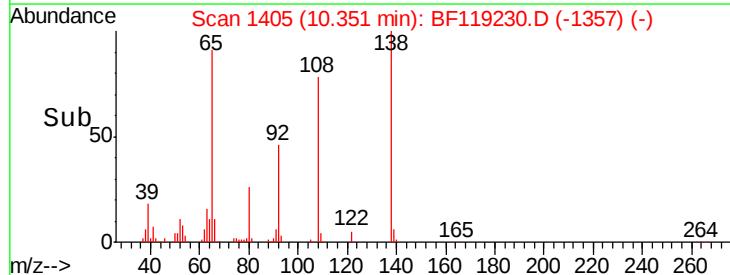
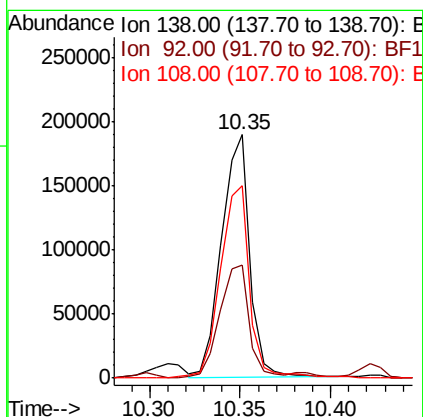
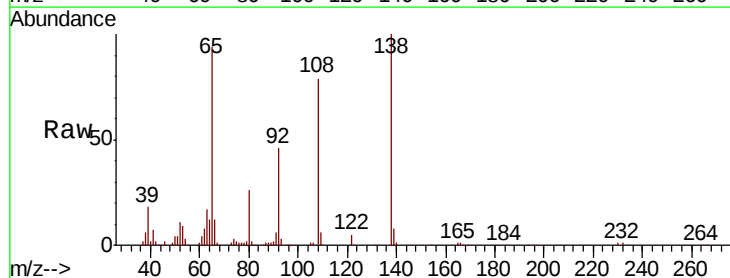
Instrument :
 BNA_F
 ClientSampleId :

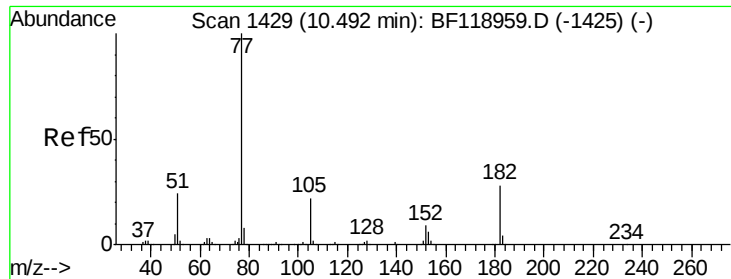
Tot Ion:204 Resp: 488493
 Ion Ratio Lower Upper
 204 100
 206 33.5 27.1 40.7
 141 66.3 52.9 79.3



#62
 4-Nitroaniline
 Concen: 31.953 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion:138 Resp: 204121
 Ion Ratio Lower Upper
 138 100
 92 46.4 27.3 67.3
 108 79.1 57.0 97.0

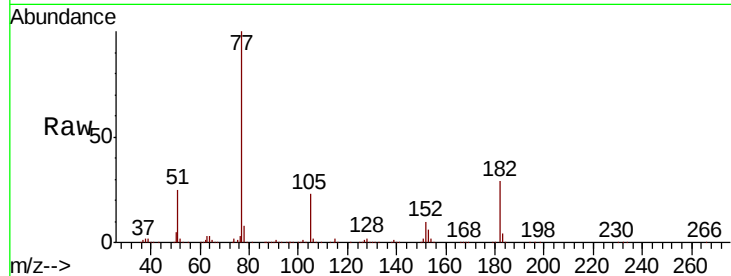




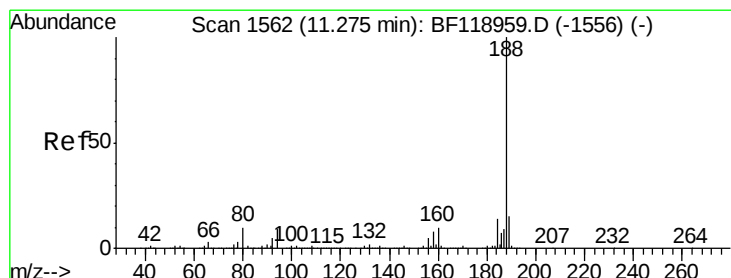
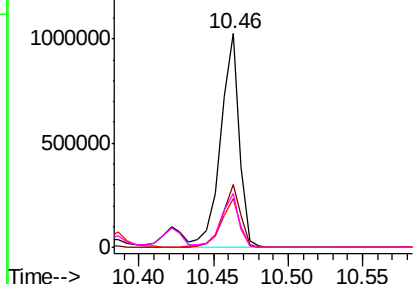
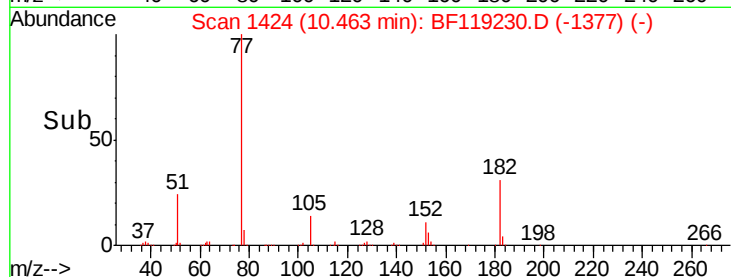
#63
Azobenzene
Concen: 43.266 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	898433
Ion	Ratio	Lower	Upper
77	100		
182	29.5	11.4	51.4
105	22.5	3.4	43.4
51	25.1	5.1	45.1

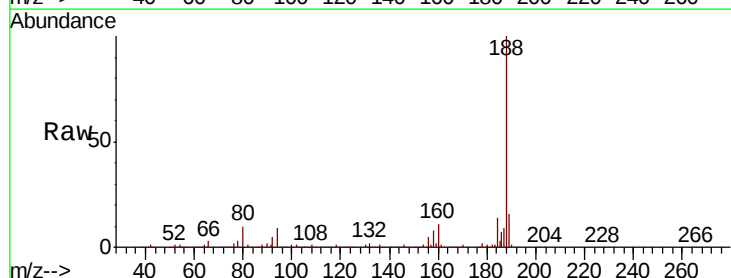


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

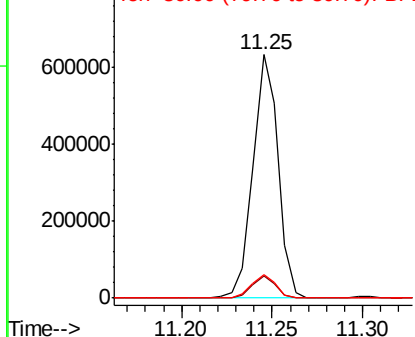
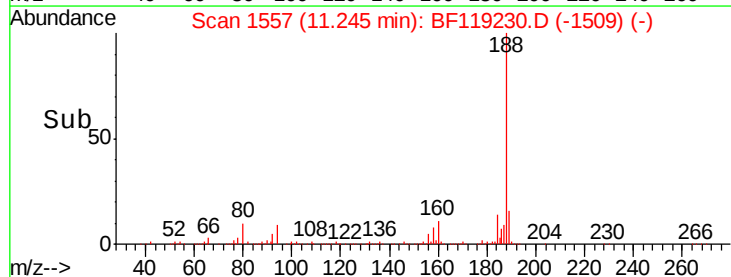


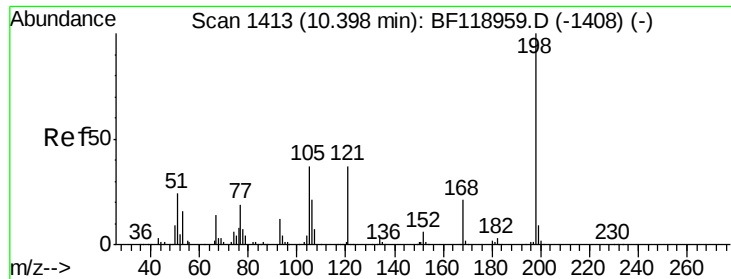
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion:	188	Resp:	607670
Ion	Ratio	Lower	Upper
188	100		
94	8.9	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

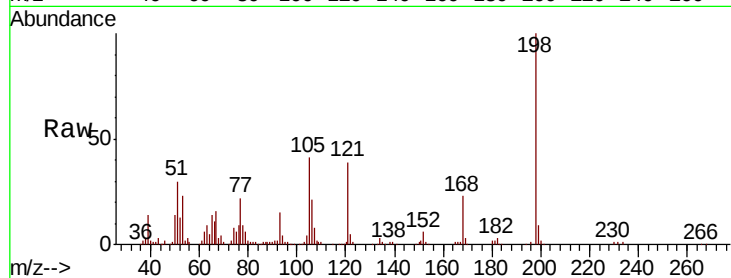




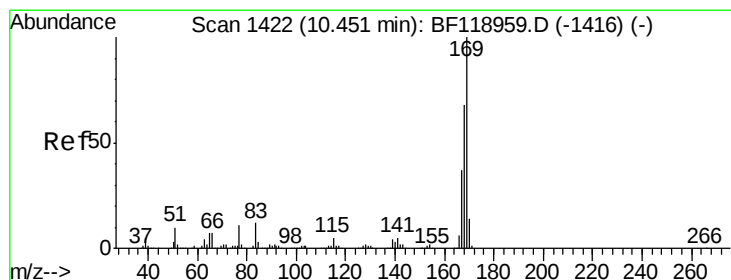
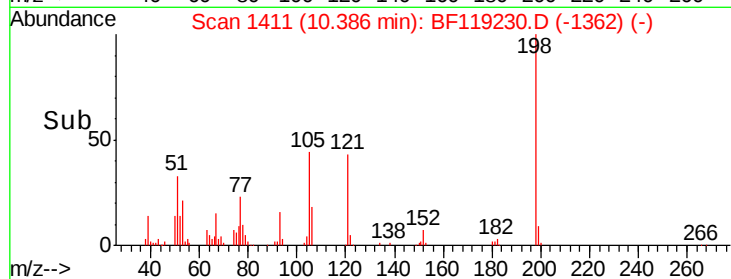
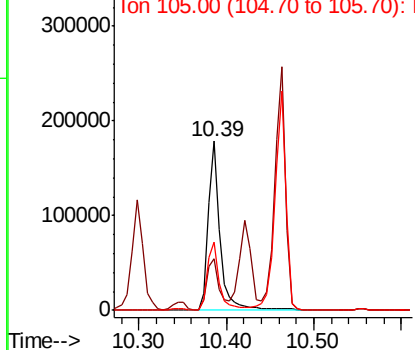
#65
4,6-Dinitro-2-methylphenol
Concen: 46.379 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 170539
Ion Ratio Lower Upper
198 100
51 30.2 14.2 54.2
105 40.6 22.7 62.7

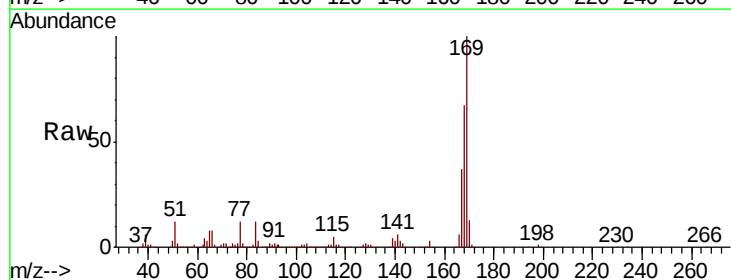


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

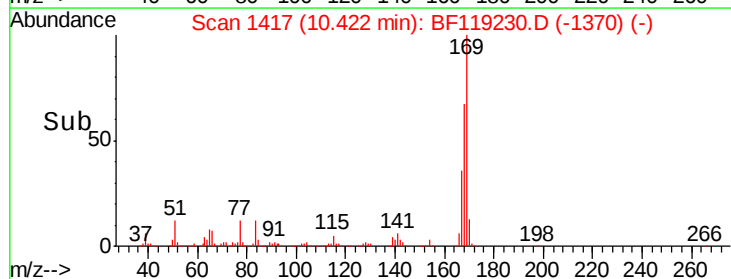
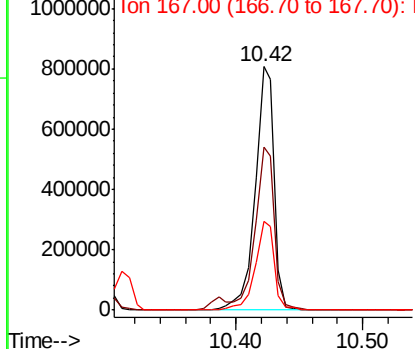


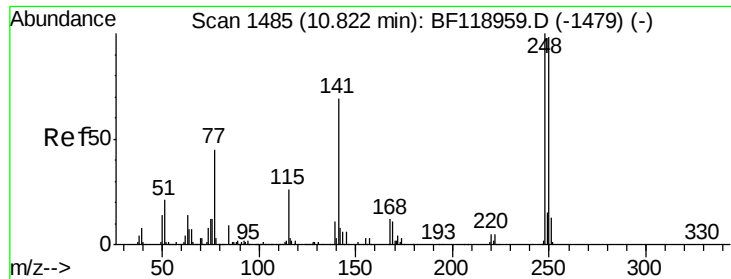
#66
n-Nitrosodiphenylamine
Concen: 42.784 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion:169 Resp: 851284
Ion Ratio Lower Upper
169 100
168 67.2 54.1 81.1
167 36.5 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

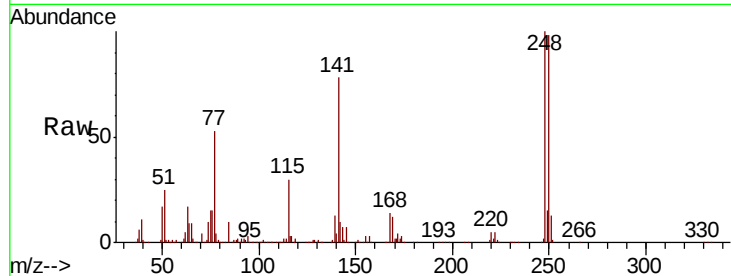




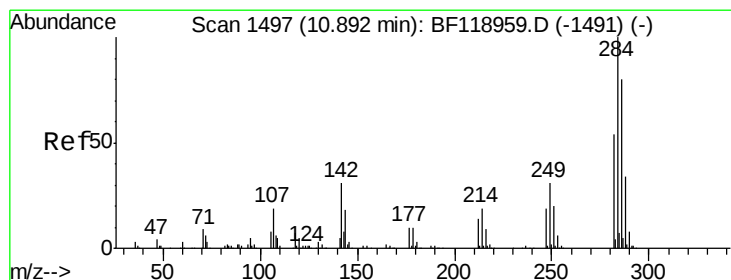
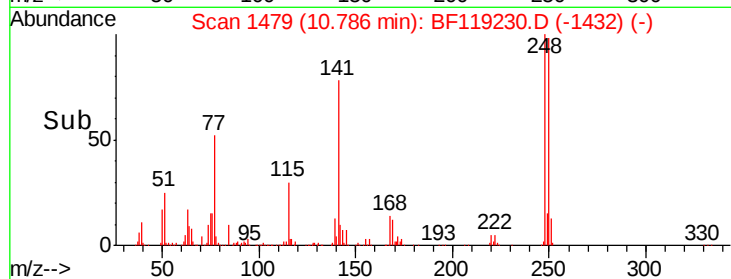
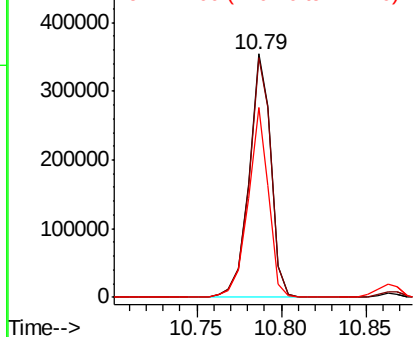
#67
4-Bromophenyl-phenylether
Concen: 40.405 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 320936
Ion Ratio Lower Upper
248 100
250 98.3 76.7 115.1
141 77.9 60.7 91.1

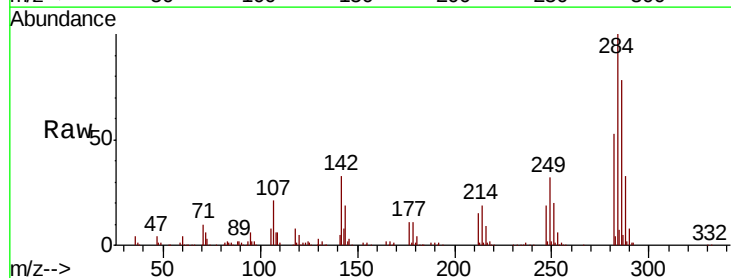


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

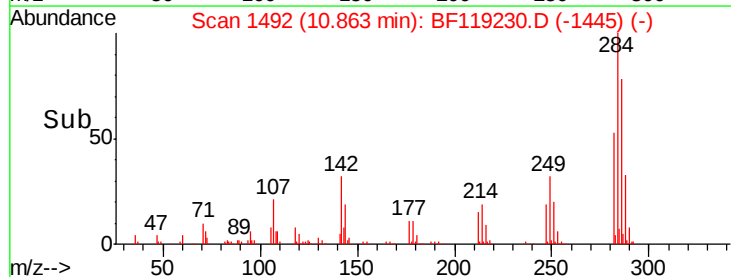
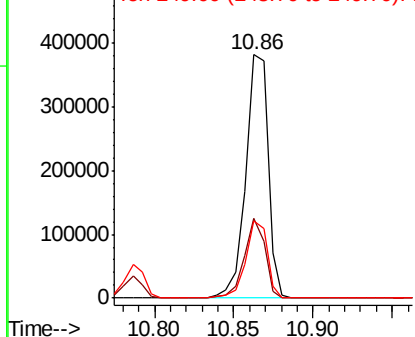


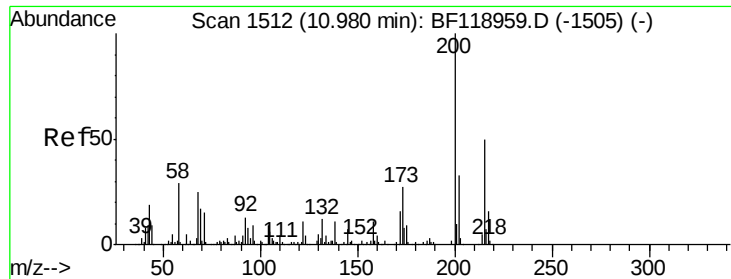
#68
Hexachlorobenzene
Concen: 40.888 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion:284 Resp: 374445
Ion Ratio Lower Upper
284 100
142 32.6 23.7 35.5
249 31.8 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

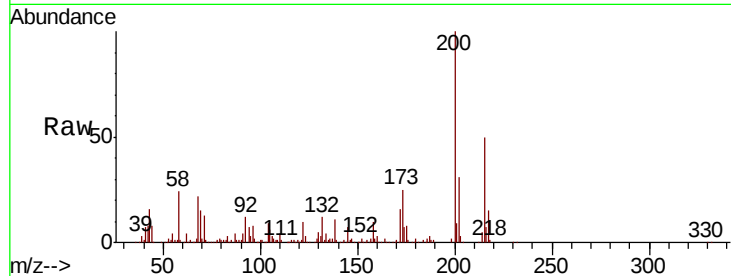




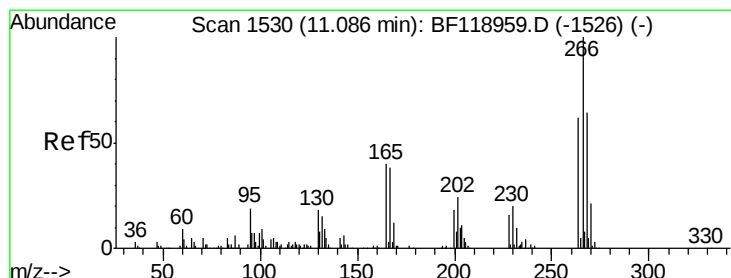
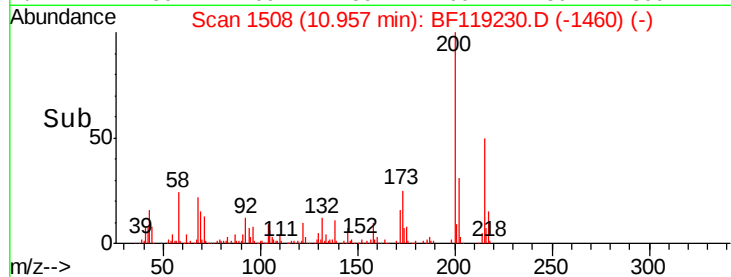
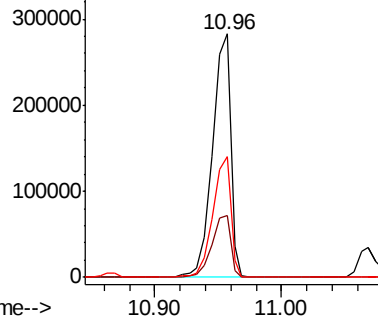
#69
Atrazine
Concen: 40.013 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.4	46.4
215	49.5	27.4	67.4

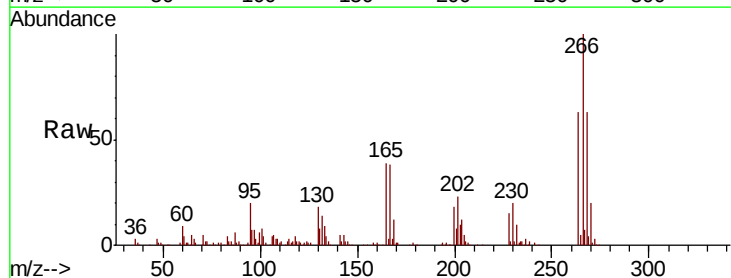


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

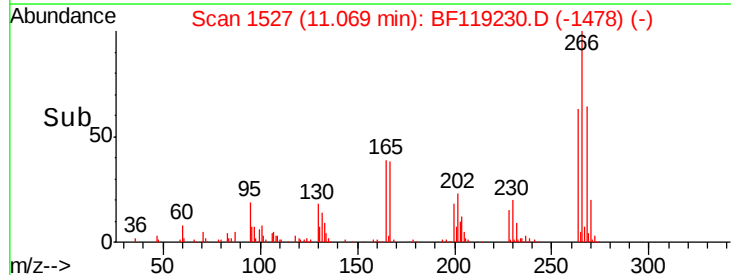
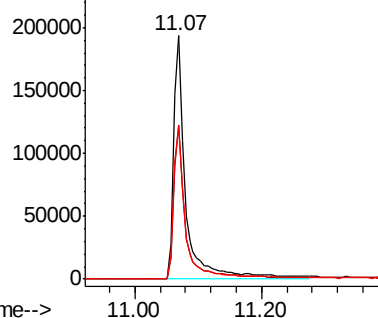


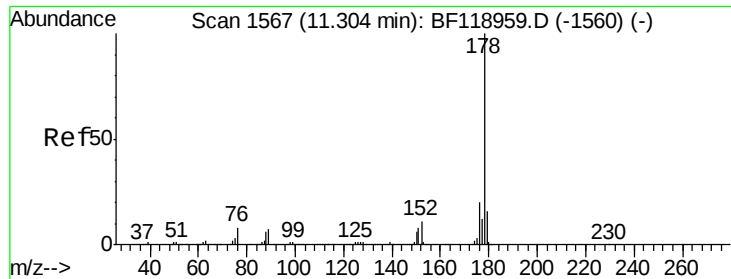
#70
Pentachlorophenol
Concen: 70.682 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.9	77.9
264	62.6	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

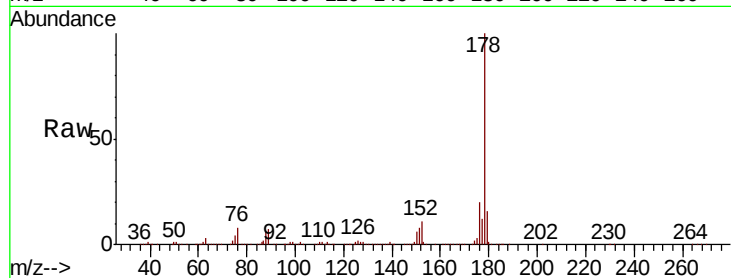




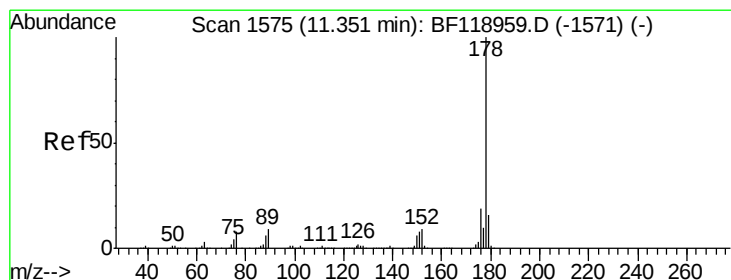
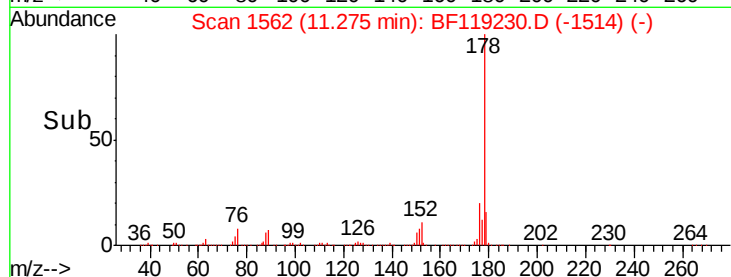
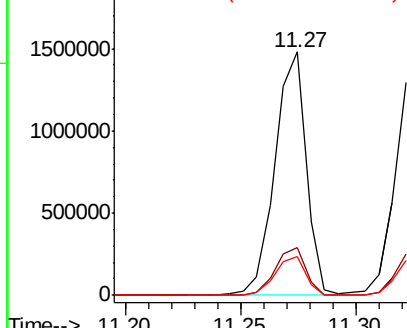
#71
Phenanthrene
Concen: 41.901 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1388579
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.8 13.0 19.6

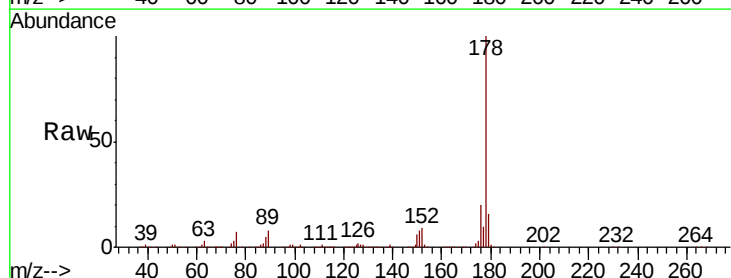


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

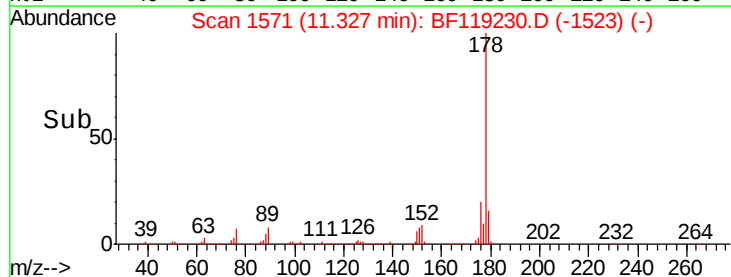
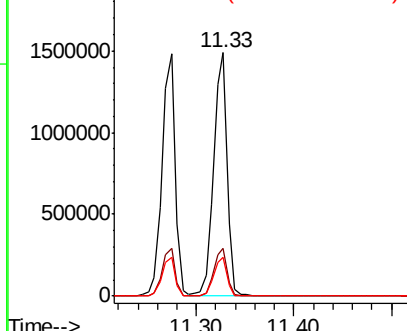


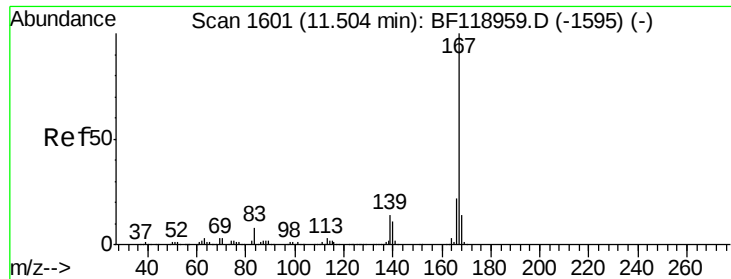
#72
Anthracene
Concen: 42.974 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion:178 Resp: 1422933
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.9 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



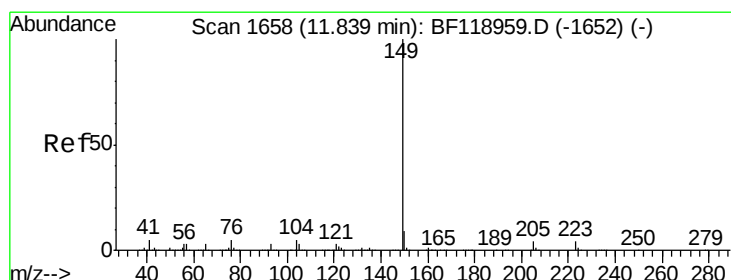
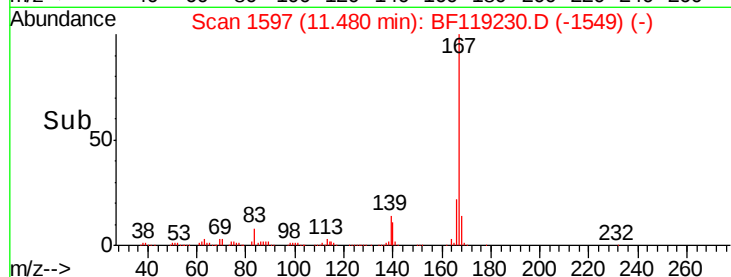
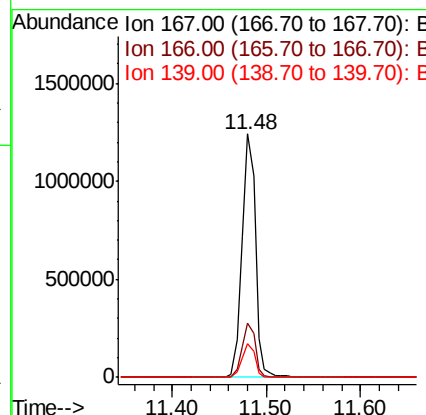
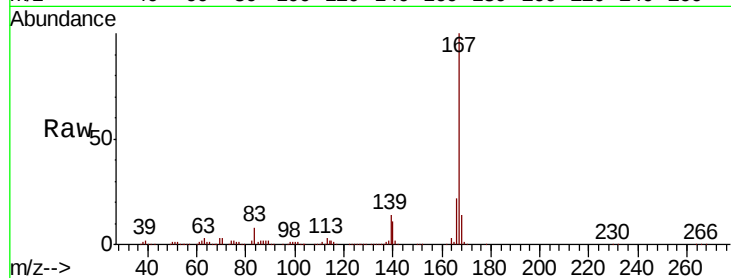


#73
 Carbazole
 Concen: 41.900 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1235986

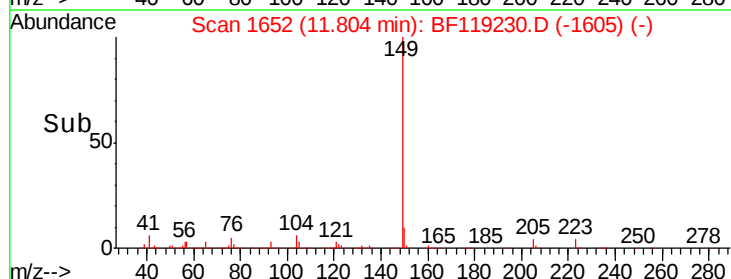
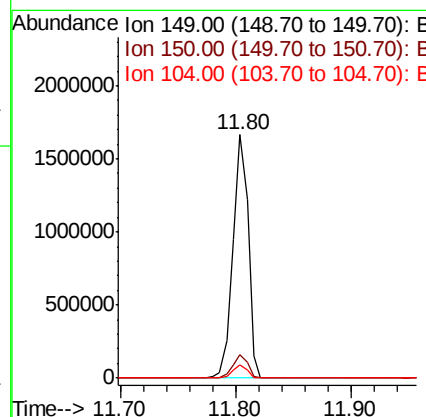
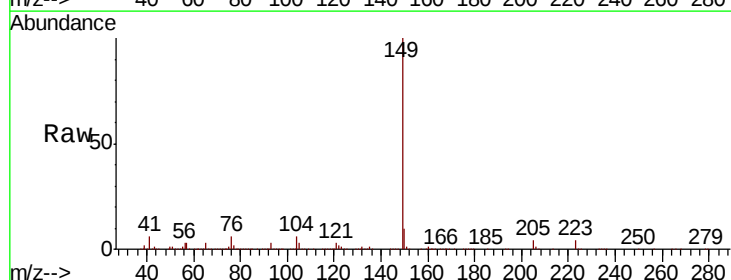
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	14.1	11.7	17.5

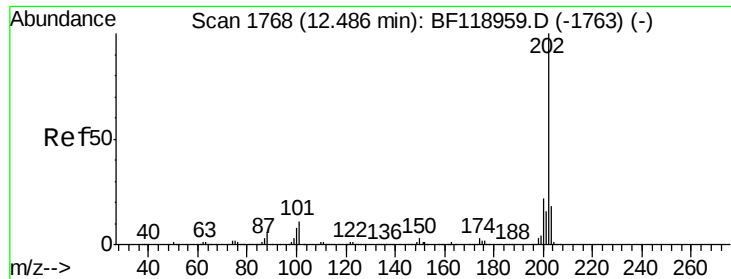


#74
 Di-n-butylphthalate
 Concen: 42.529 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion:149 Resp: 1519274

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.6	4.6	6.8





#75

Fluoranthene

Concen: 40.828 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

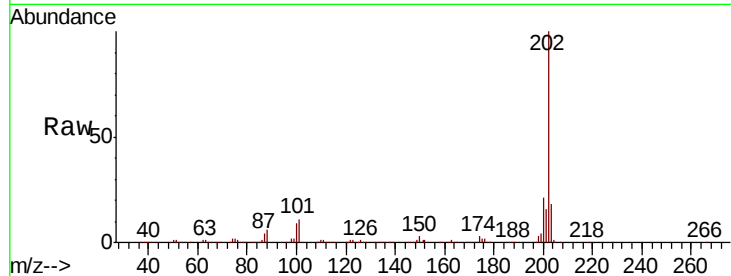
Tot Ion:202 Resp: 1436182

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

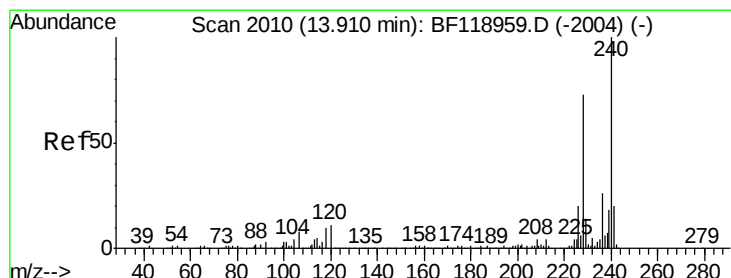
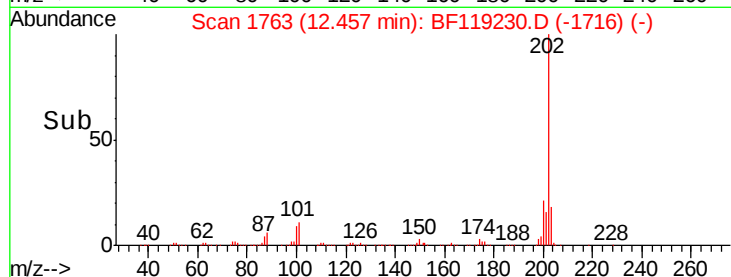
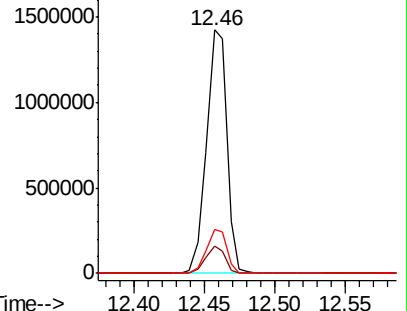
203 18.1 0.0 38.4



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: 13.89 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

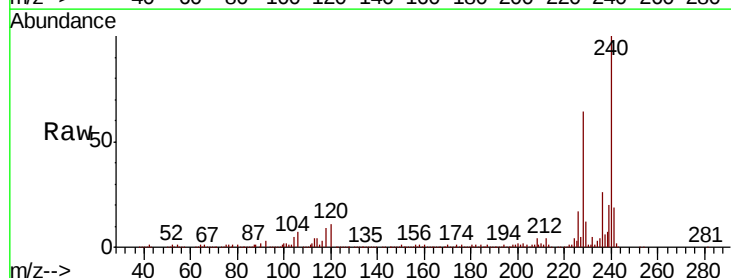
Tgt Ion:240 Resp: 369109

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

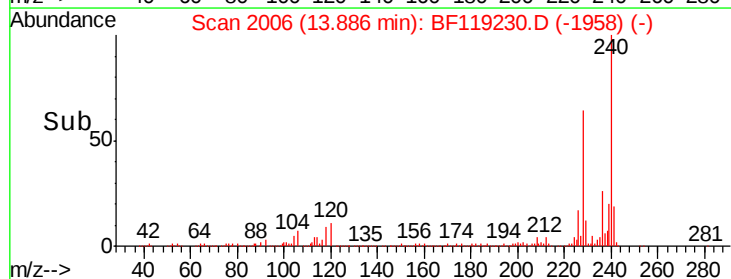
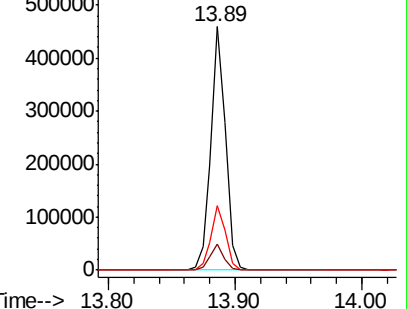
236 26.4 21.0 31.4

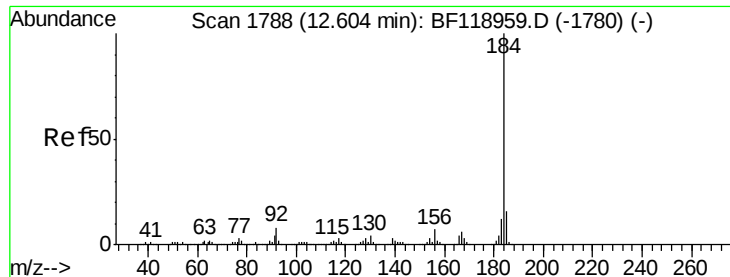


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.256 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

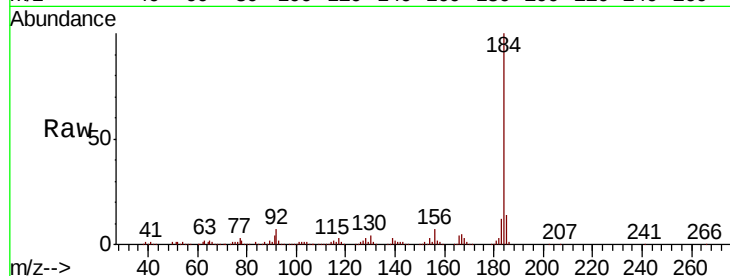
Tot Ion:184 Resp: 484206

Ion Ratio Lower Upper

184 100

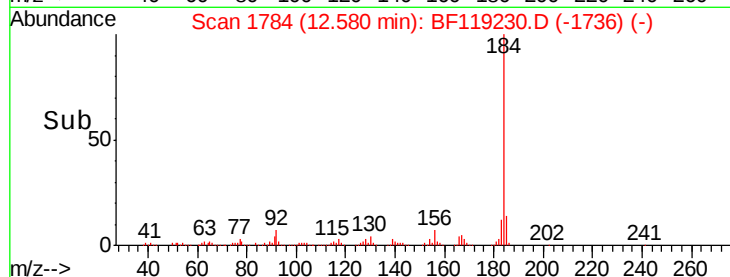
185 14.1 12.2 18.4

183 12.0 9.9 14.9

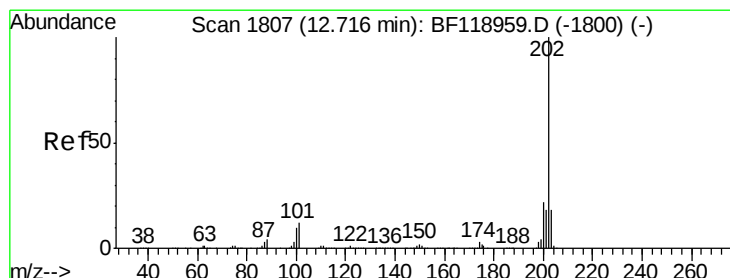


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.58



Time-->



#78

Pyrene

Concen: 48.484 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

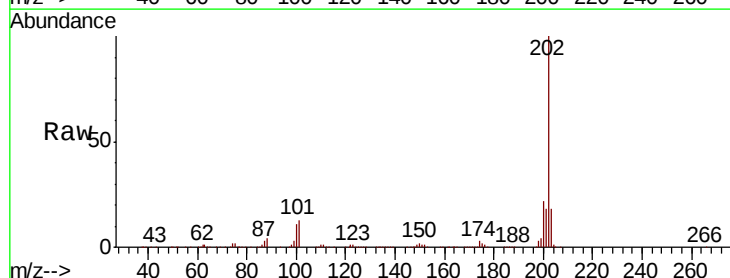
Tgt Ion:202 Resp: 1437025

Ion Ratio Lower Upper

202 100

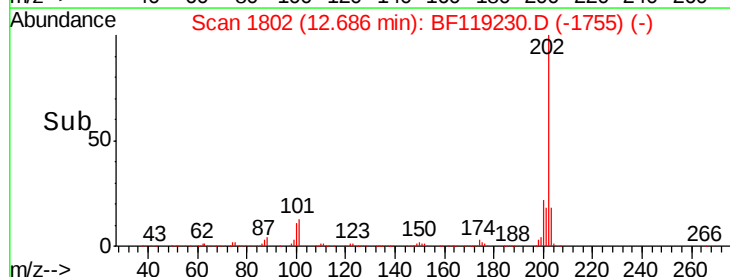
200 22.2 18.0 27.0

203 18.3 14.6 22.0

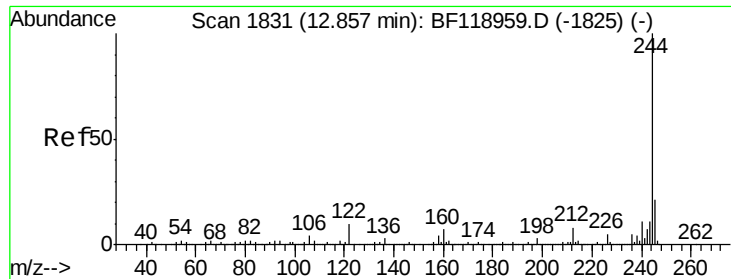


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.69



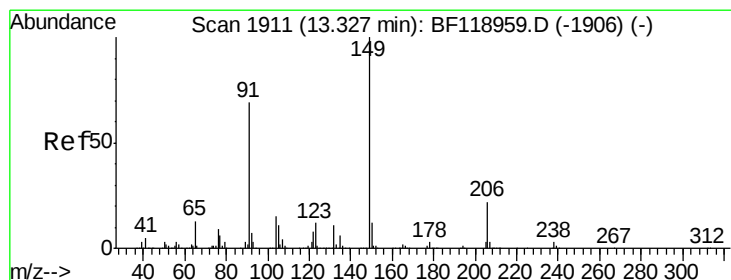
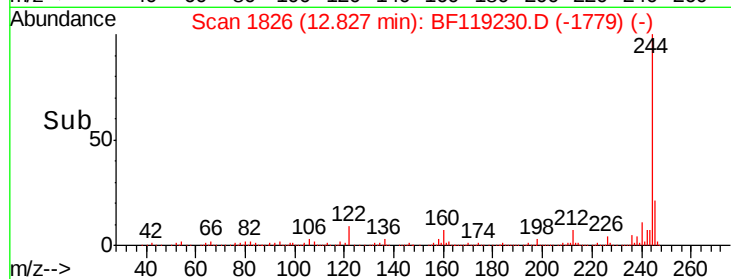
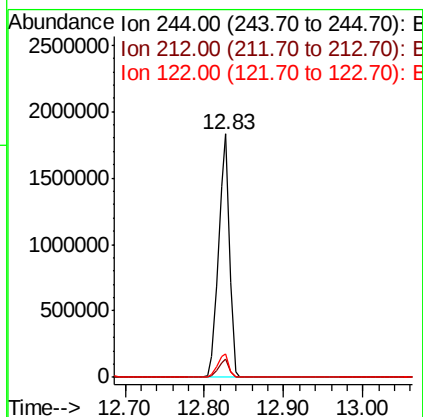
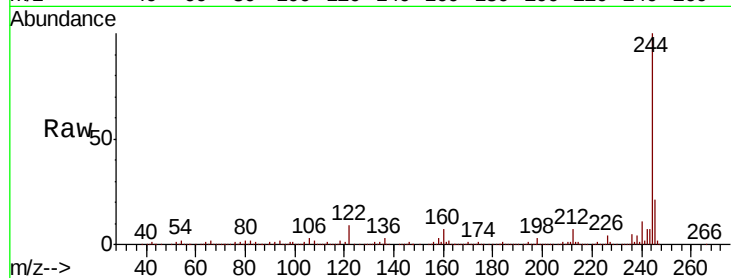
Time-->



#79
 Terphenyl-d14
 Concen: 81.097 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

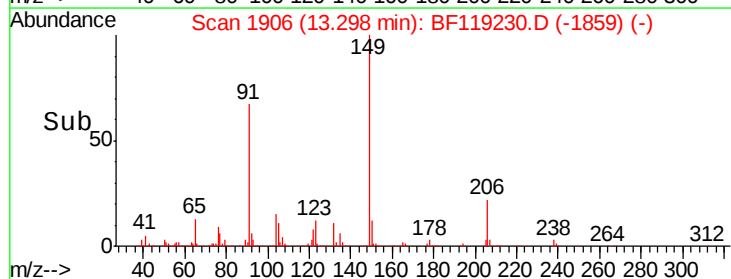
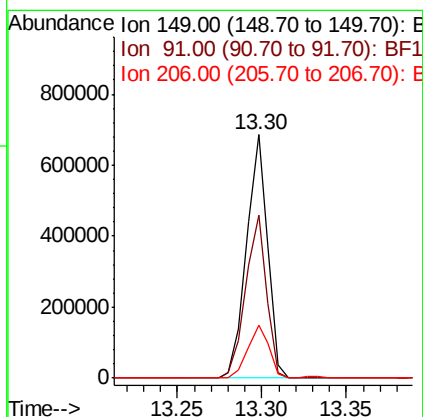
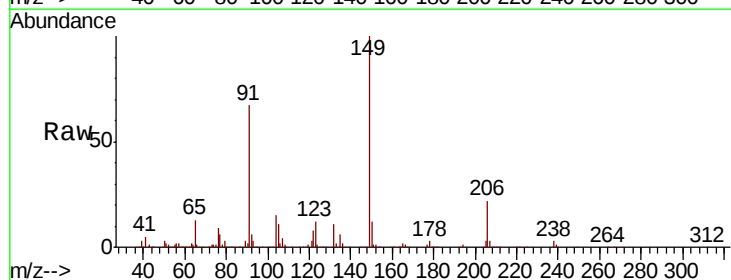
Instrument :
 BNA_F
 ClientSampleId :

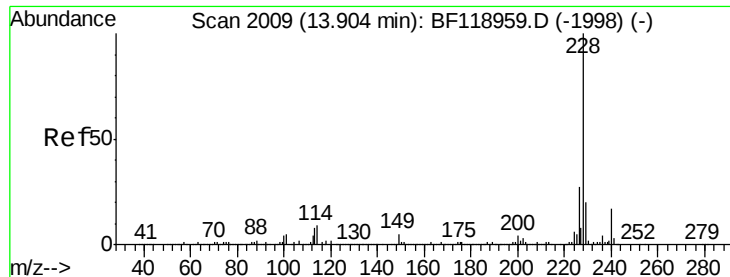
Tot Ion:244 Resp: 1738637
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.6 10.0
 122 9.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 48.060 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion:149 Resp: 599511
 Ion Ratio Lower Upper
 149 100
 91 67.1 52.3 78.5
 206 21.9 18.5 27.7





#81

Benzo(a)anthracene

Concen: 43.890 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampled :

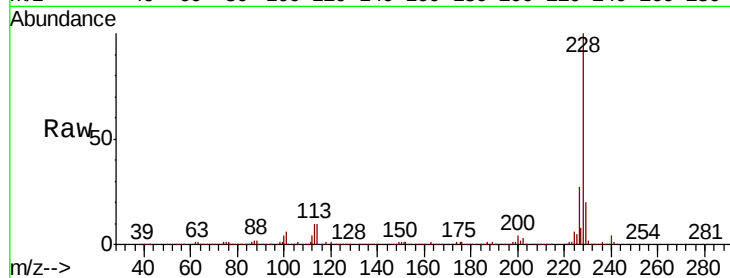
Tot Ion:228 Resp: 1103824

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

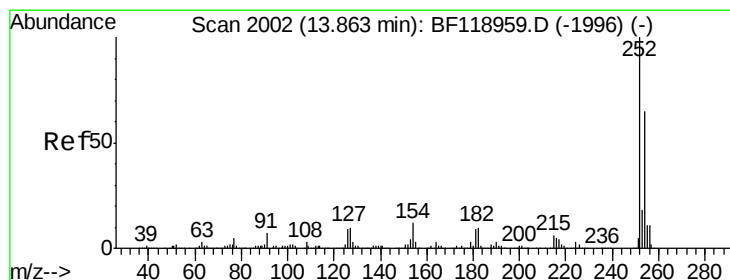
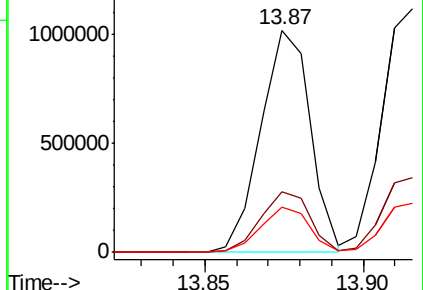
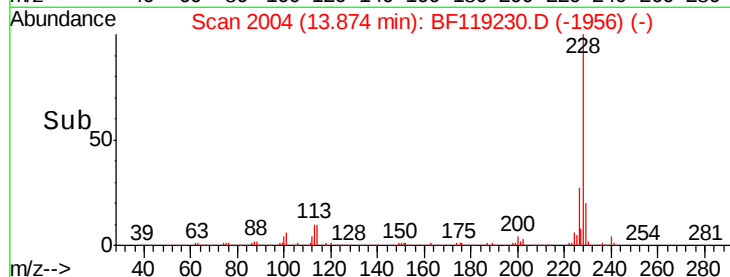
229 20.1 16.6 24.8



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: 22.758 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

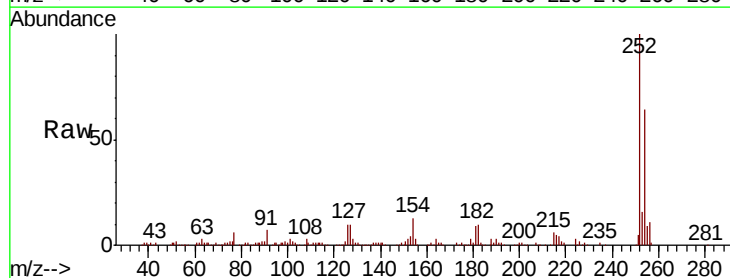
Tgt Ion:252 Resp: 222254

Ion Ratio Lower Upper

252 100

254 64.1 51.6 77.4

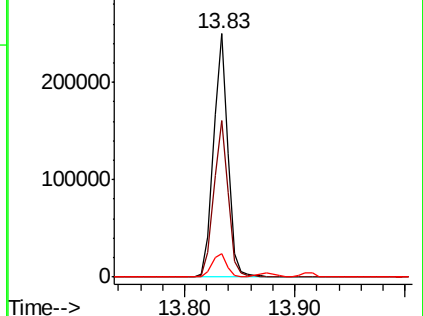
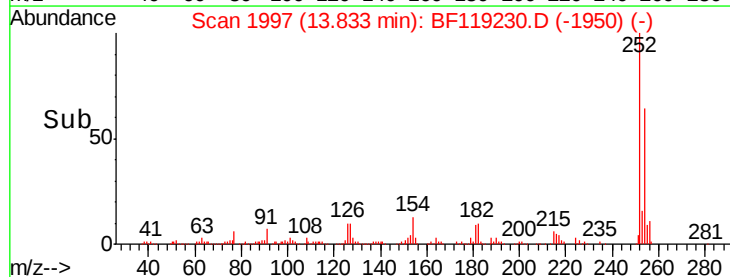
126 9.7 7.4 11.0

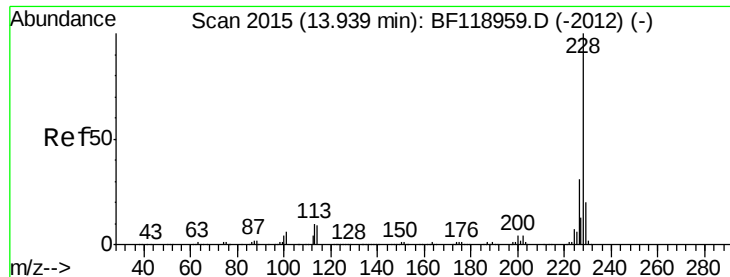


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



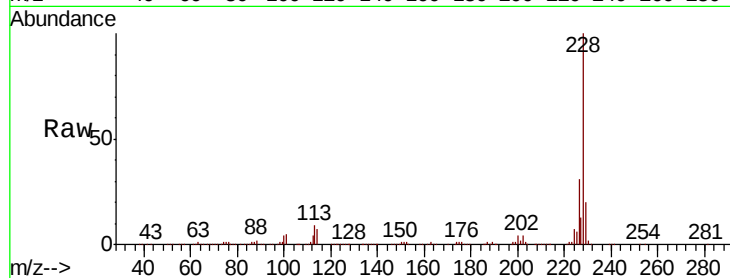


#83
 Chrvsene
 Concen: 42.257 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

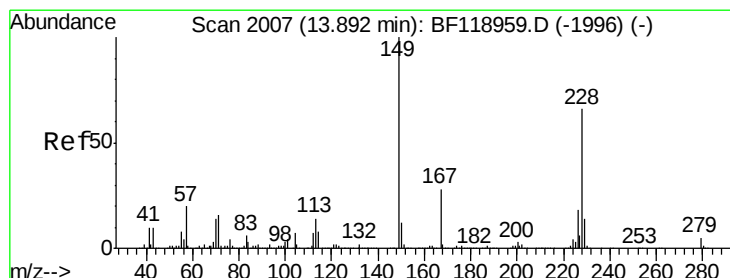
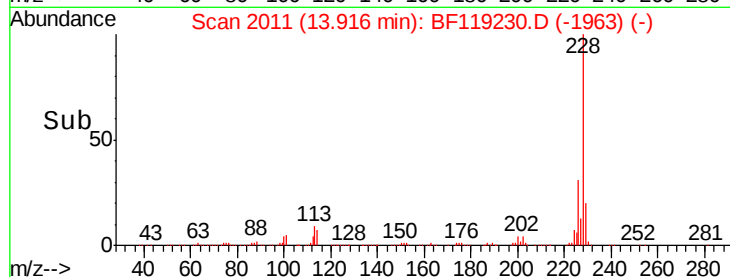
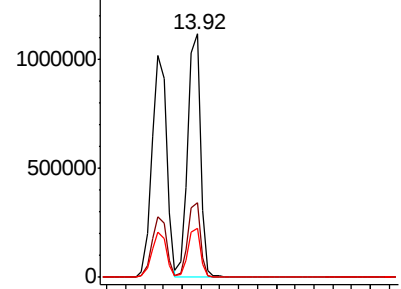
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 1058960

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.1	37.7
229	20.0	16.3	24.5



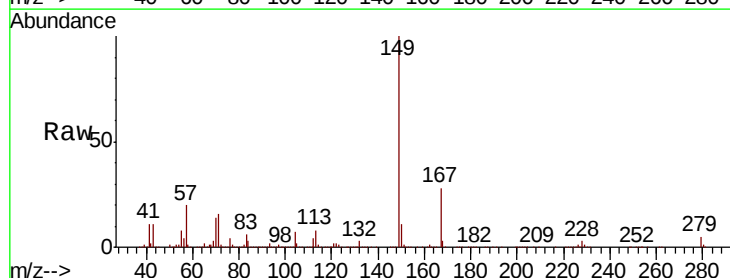
Abundance Ion 228.00 (227.70 to 228.70): E
 1500000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



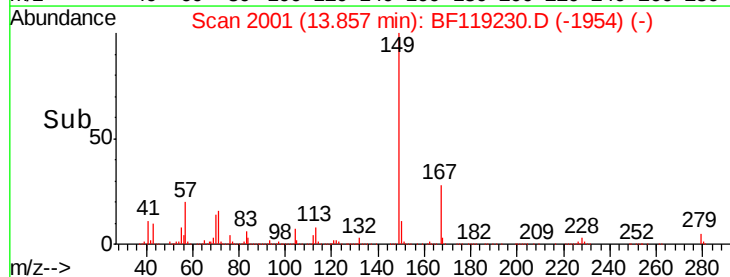
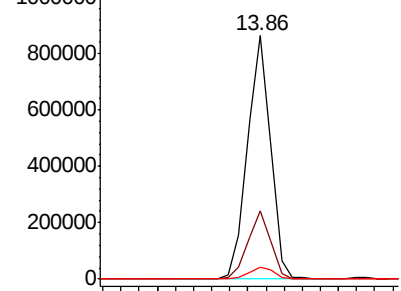
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.690 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

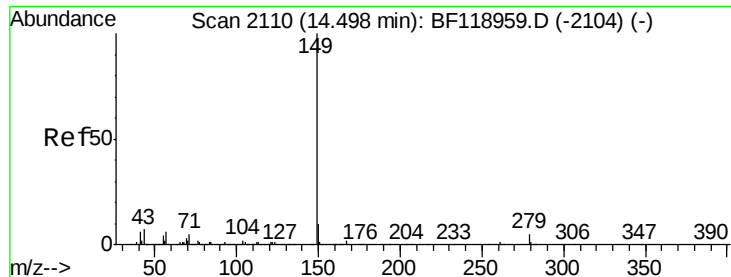
Tgt Ion:149 Resp: 767325

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	5.1	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 1200000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

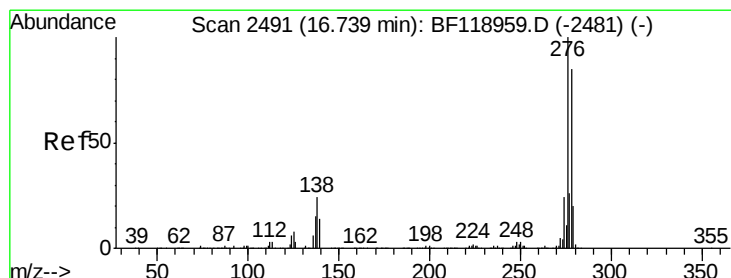
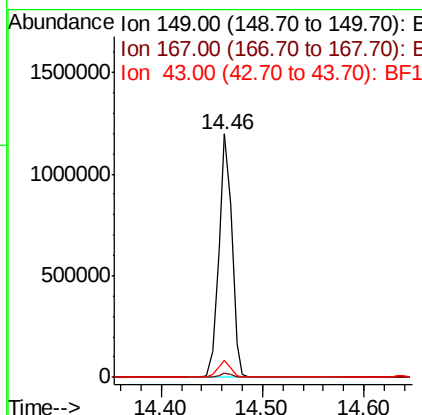
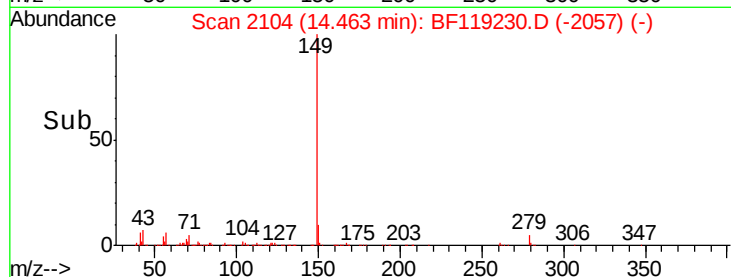
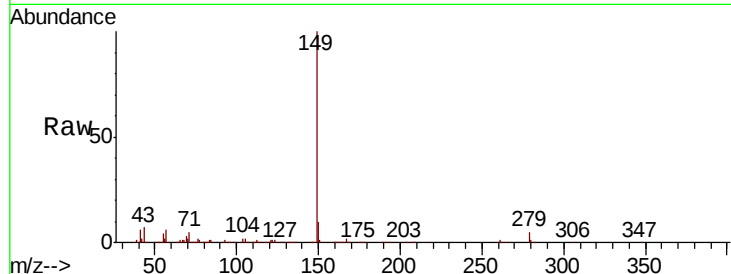




#85
Di-n-octyl phthalate
Concen: 42.383 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

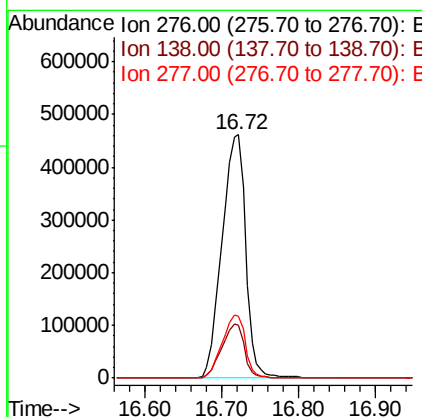
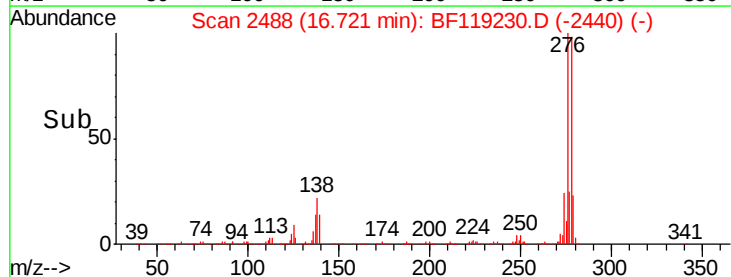
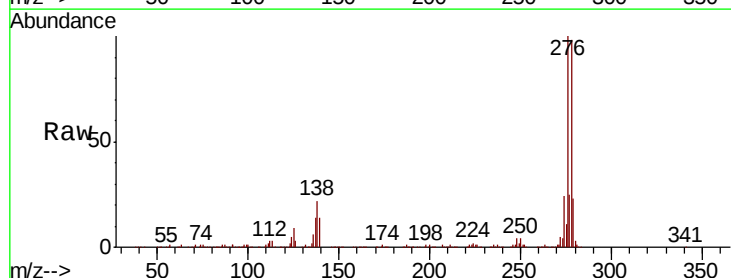
Instrument :
BNA_F
ClientSampleId :

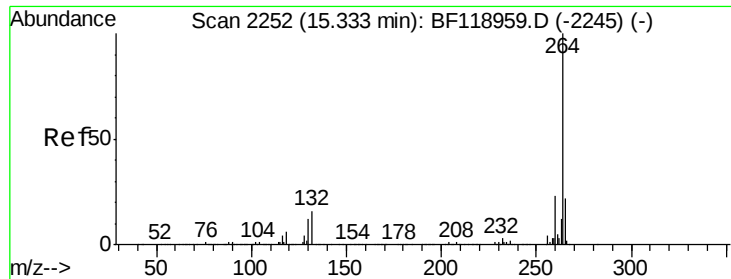
Tot Ion:149 Resp: 1064213
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.6 5.7 8.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.761 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion:276 Resp: 989041
Ion Ratio Lower Upper
276 100
138 21.2 17.4 26.0
277 25.5 20.3 30.5

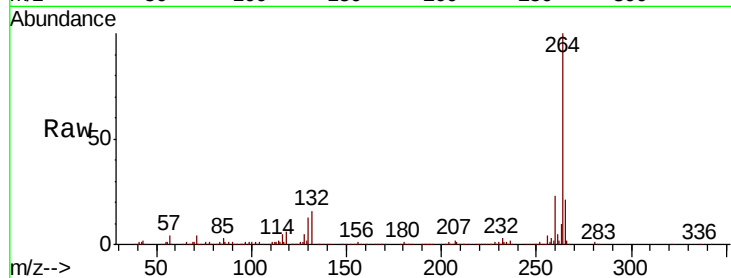




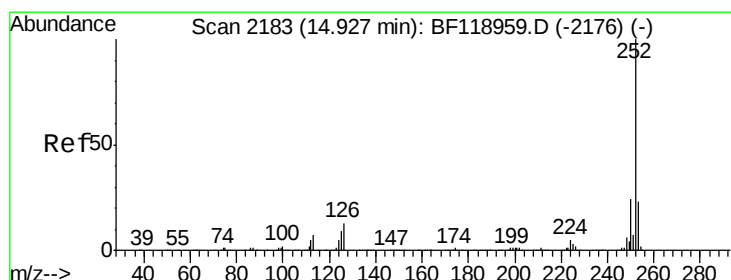
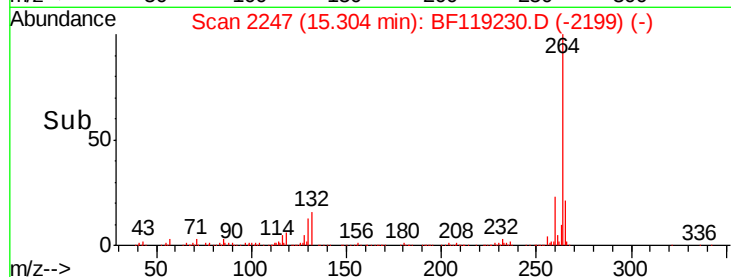
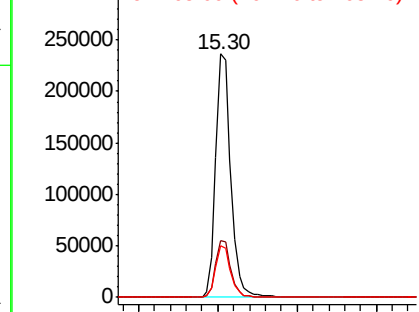
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 313482
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.2 17.7 26.5

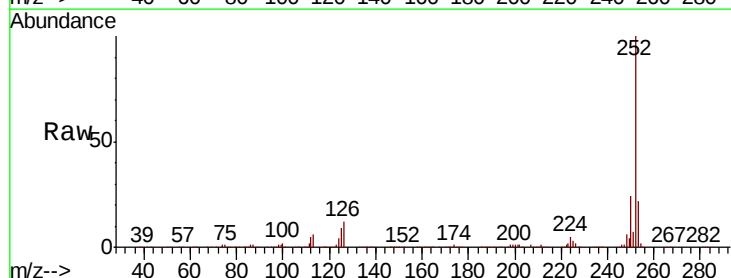


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

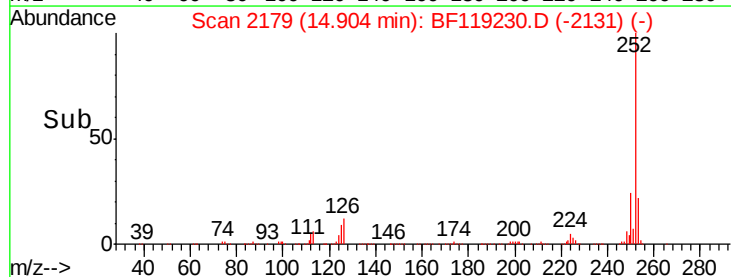
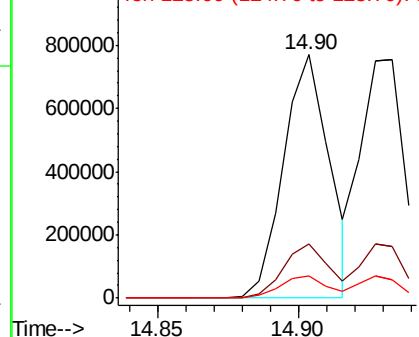


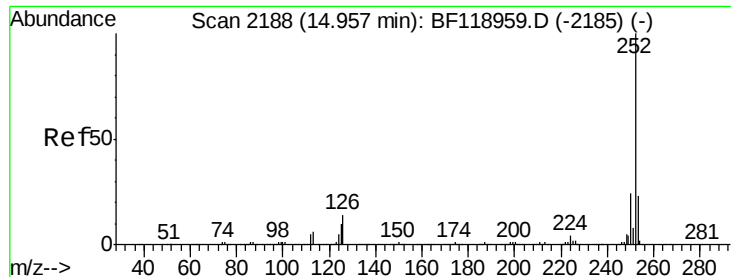
#88
Benzo(b)fluoranthene
Concen: 42.099 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion:252 Resp: 869897
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 8.9 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

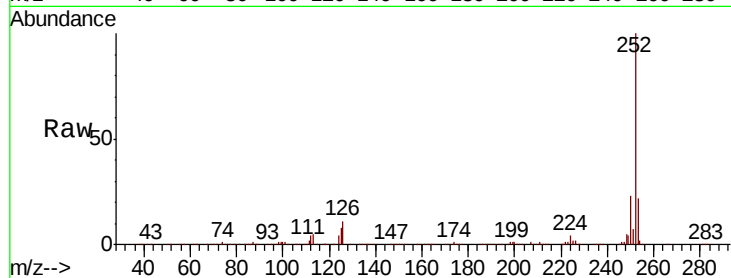




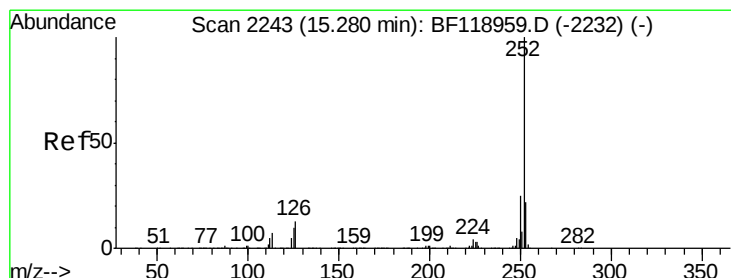
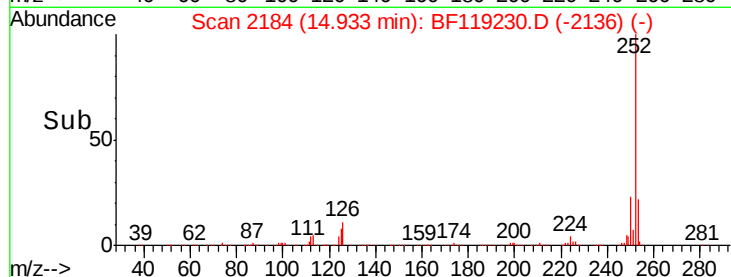
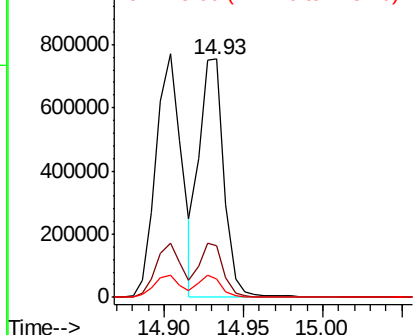
#89
Benzo(k)fluoranthene
Concen: 42.912 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 821712
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.8 7.5 11.3

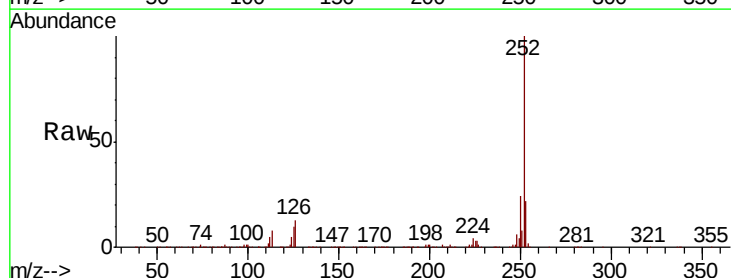


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

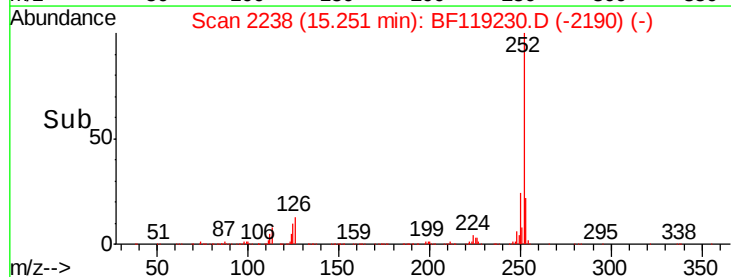
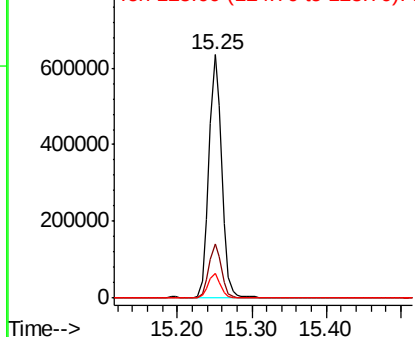


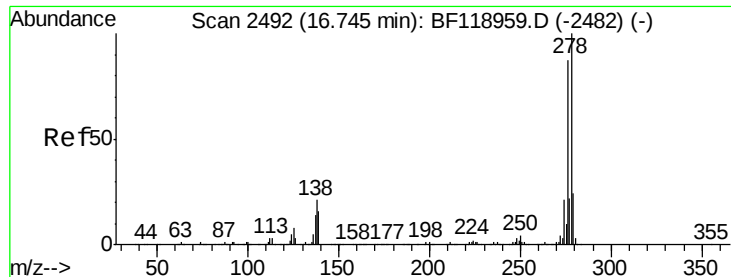
#90
Benzo(a)pyrene
Concen: 40.585 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion:252 Resp: 756860
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.0 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.352 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.03 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

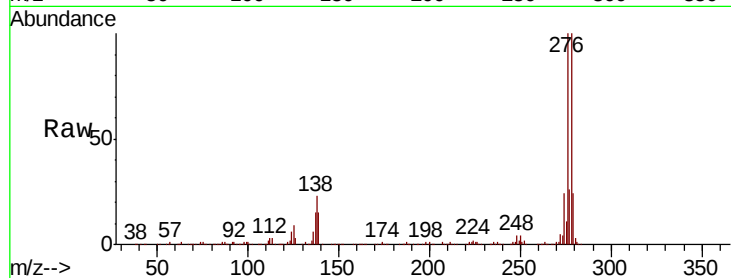
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 826216

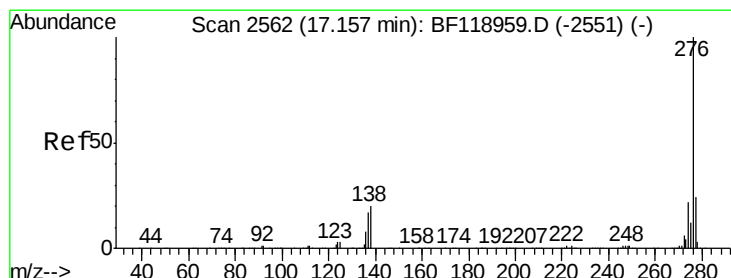
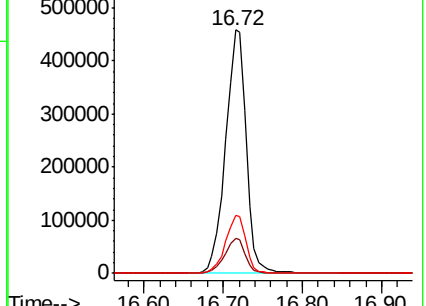
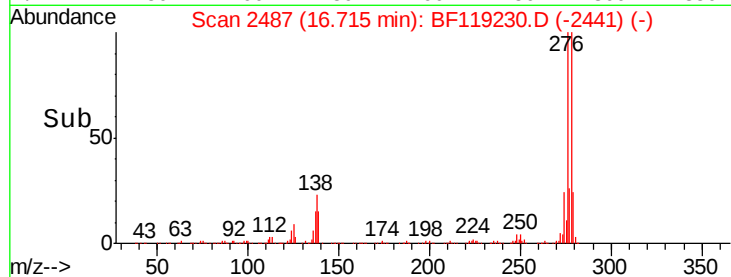
Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.0	16.4
279	24.0	18.6	28.0



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: 52.485 ng

RT: 17.13 min Scan# 2558

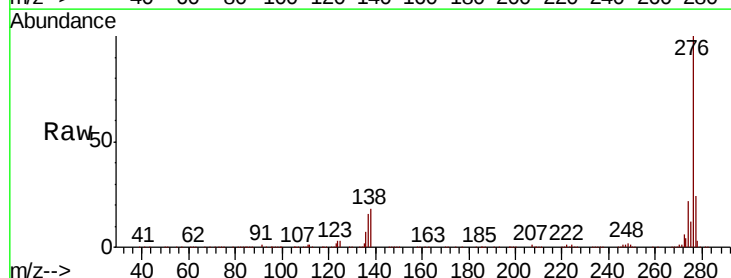
Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Tgt Ion:276 Resp: 850936

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	18.5	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

