

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119371.D
 Acq On : 12 Mar 2020 9:50
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:42:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112400	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	423668	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	232167	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	430137	20.00	ng	0.00
76) Chrysene-d12	13.90	240	312439	20.00	ng	0.01
87) Perylene-d12	15.33	264	281331	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	571029	84.90	ng	0.00
7) Phenol-d6	6.38	99	678401	82.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	656024	81.76	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	230752	75.98	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1229023	77.99	ng	0.00
79) Terphenyl-d14	12.83	244	1482244	81.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	111008	37.070	ng	97
3) Pyridine	3.09	79	294576	36.020	ng	99
4) n-Nitrosodimethylamine	3.05	42	98382	39.711	ng	90
6) Aniline	6.39	93	411003	40.721	ng	# 66
8) 2-Chlorophenol	6.52	128	302832	41.722	ng	99
9) Benzaldehyde	6.28	77	187229	34.259	ng	97
10) Phenol	6.39	94	362164	40.951	ng	81
11) bis(2-Chloroethyl)ether	6.46	93	270504	39.975	ng	96
12) 1,3-Dichlorobenzene	6.66	146	351339	40.385	ng	99
13) 1,4-Dichlorobenzene	6.74	146	360907	41.457	ng	98
14) 1,2-Dichlorobenzene	6.89	146	330039	41.569	ng	99
15) Benzyl Alcohol	6.88	79	261093	44.164	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	232460	39.657	ng	# 29
17) 2-Methylphenol	7.00	107	240267	40.828	ng	# 92
18) Hexachloroethane	7.23	117	126645	40.662	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	208127	43.666	ng	95
20) 3+4-Methylphenols	7.16	107	326651	45.307	ng	89
22) Acetophenone	7.14	105	411486	41.977	ng	# 94
24) Nitrobenzene	7.31	77	327943	41.329	ng	94
25) Isophorone	7.55	82	543399	38.994	ng	99
26) 2-Nitrophenol	7.63	139	165436	39.349	ng	93
27) 2,4-Dimethylphenol	7.67	122	221927	38.894	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	349082	38.486	ng	98
29) 2,4-Dichlorophenol	7.89	162	265378	39.506	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	302501	37.982	ng	98
31) Naphthalene	8.03	128	873246	39.743	ng	98
32) Benzoic acid	7.85	122	138094	35.232	ng	100
33) 4-Chloroaniline	8.09	127	378803	40.083	ng	99
34) Hexachlorobutadiene	8.14	225	191499	38.601	ng	97
35) Caprolactam	8.47	113	48490	23.444	ng	90
36) 4-Chloro-3-methylphenol	8.59	107	279270	41.080	ng	100
37) 2-Methylnaphthalene	8.72	142	585488	39.596	ng	99
38) 1-Methylnaphthalene	8.82	142	547309	39.357	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	302265	38.615	ng	100

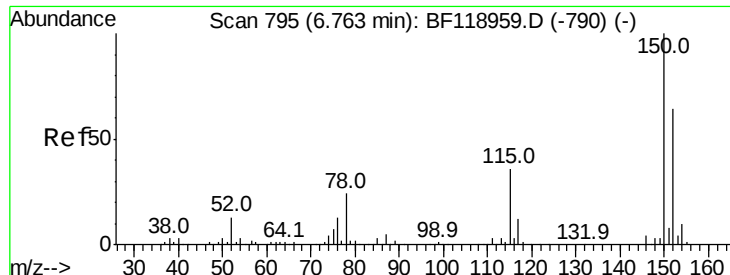
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119371.D
 Acq On : 12 Mar 2020 9:50
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:42:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	69057	30.785	ng	98
43) 2,4,6-Trichlorophenol	9.01	196	181437	36.705	ng	97
44) 2,4,5-Trichlorophenol	9.07	196	172945	33.341	ng	99
46) 1,1'-Biphenyl	9.18	154	738517	39.359	ng	99
47) 2-Chloronaphthalene	9.21	162	593465	39.248	ng	98
48) 2-Nitroaniline	9.32	65	181379	43.007	ng	94
49) Acenaphthylene	9.62	152	851686	38.998	ng	99
50) Dimethylphthalate	9.49	163	689569	38.842	ng	99
51) 2,6-Dinitrotoluene	9.56	165	151101	38.309	ng	# 80
52) Acenaphthene	9.79	154	526565	39.987	ng	99
53) 3-Nitroaniline	9.73	138	174987	40.018	ng	93
54) 2,4-Dinitrophenol	9.87	184	54840	33.409	ng	# 84
55) Dibenzofuran	9.97	168	768368	39.092	ng	98
56) 4-Nitrophenol	9.93	139	73710	28.056	ng	98
57) 2,4-Dinitrotoluene	9.97	165	202022	39.515	ng	88
58) Fluorene	10.31	166	625190	40.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	162539	37.136	ng	97
60) Diethylphthalate	10.19	149	668437	39.953	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	328317	40.611	ng	97
62) 4-Nitroaniline	10.35	138	167849	37.519	ng	92
63) Azobenzene	10.46	77	595011	40.916	ng	94
65) 4,6-Dinitro-2-methylphenol	10.39	198	95871	36.834	ng	93
66) n-Nitrosodiphenylamine	10.42	169	551202	39.136	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	213594	37.990	ng	97
68) Hexachlorobenzene	10.86	284	249868	38.546	ng	96
69) Atrazine	10.95	200	163605	33.247	ng	99
70) Pentachlorophenol	11.07	266	93607	35.847	ng	100
71) Phenanthrene	11.27	178	936244	39.912	ng	98
72) Anthracene	11.33	178	941420	40.166	ng	98
73) Carbazole	11.49	167	858708	41.125	ng	98
74) Di-n-butylphthalate	11.80	149	1005710	39.773	ng	99
75) Fluoranthene	12.46	202	991155	39.806	ng	99
77) Benzidine	12.59	184	471527	37.109	ng	99
78) Pyrene	12.69	202	998404	39.795	ng	98
80) Butylbenzylphthalate	13.30	149	416470	39.442	ng	94
81) Benzo(a)anthracene	13.89	228	868142	40.780	ng	99
82) 3,3'-Dichlorobenzidine	13.85	252	327623	39.633	ng	99
83) Chrysene	13.92	228	847145	39.937	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	531083	39.812	ng	# 97
85) Di-n-octyl phthalate	14.47	149	804772	37.864	ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	685125	33.357	ng	99
88) Benzo(b)fluoranthene	14.92	252	735043	39.638	ng	99
89) Benzo(k)fluoranthene	14.95	252	742037	43.180	ng	97
90) Benzo(a)pyrene	15.27	252	661304	39.513	ng	98
91) Dibenzo(a,h)anthracene	16.75	278	560314	38.049	ng	99
92) Benzo(g,h,i)perylene	17.18	276	548102	37.670	ng	99

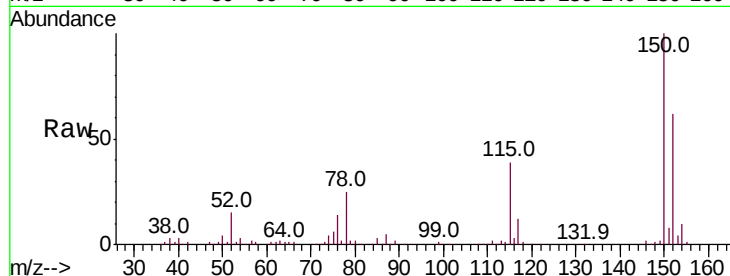
(#) = qualifier out of range (m) = manual integration (+) = signals summed



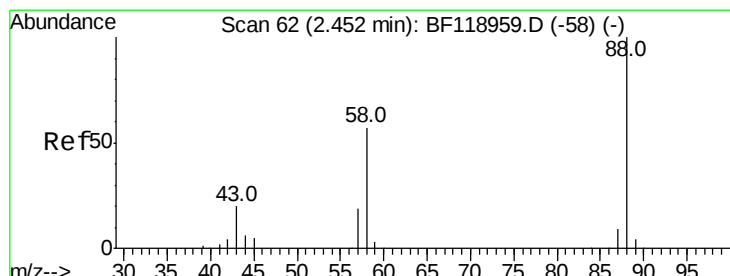
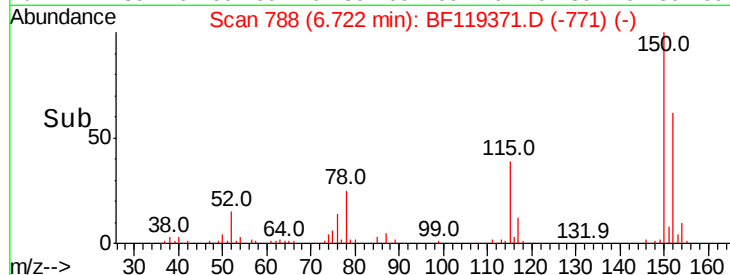
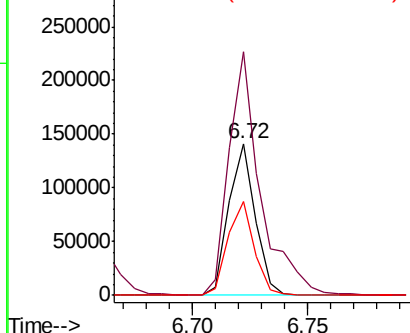
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 112400
 Ion Ratio Lower Upper
 152 100
 150 160.7 123.0 184.6
 115 62.4 49.5 74.3

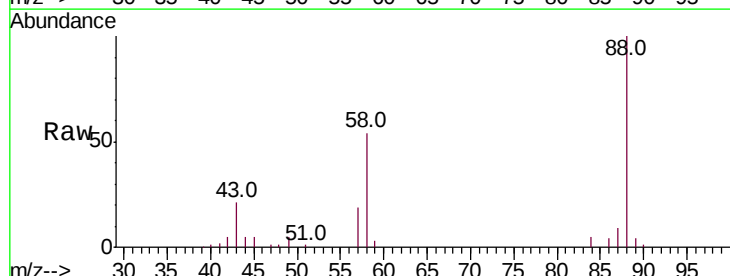


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

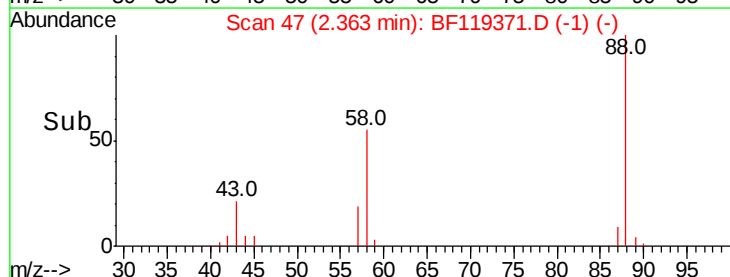
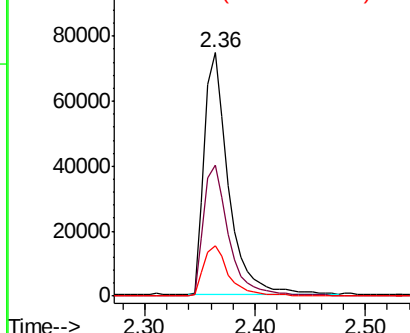


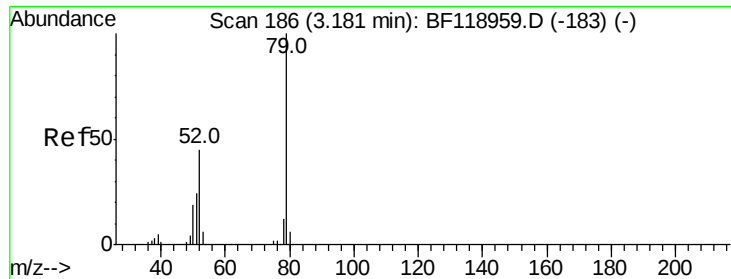
#2
 1,4-Dioxane
 Concen: 37.070 ng
 RT: 2.36 min Scan# 47
 Delta R.T. -0.02 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion: 88 Resp: 111008
 Ion Ratio Lower Upper
 88 100
 58 56.7 43.8 65.6
 43 22.2 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: 36.020 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

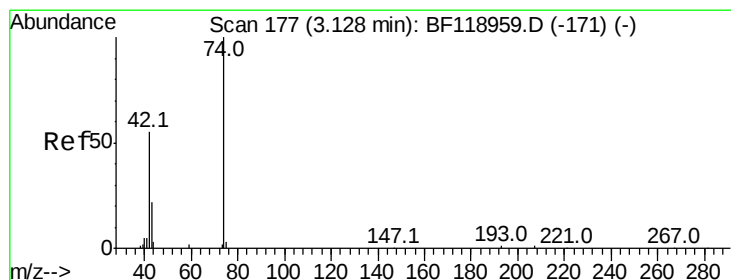
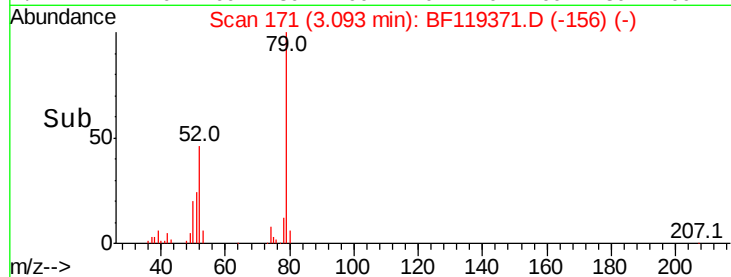
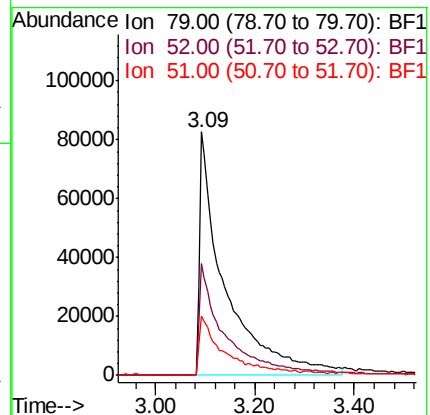
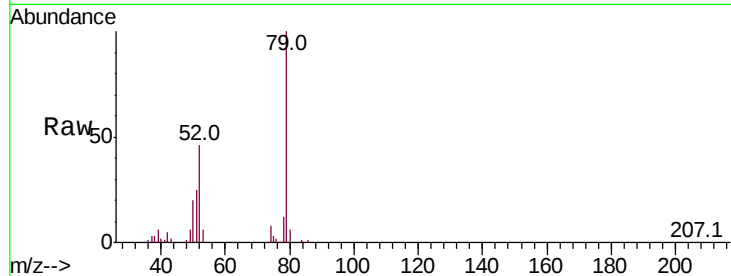
Tot Ion: 79 Resp: 294576

Ion Ratio Lower Upper

79 100

52 46.2 37.4 56.0

51 24.5 19.8 29.6



#4

n-Nitrosodimethylamine

Concen: 39.711 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

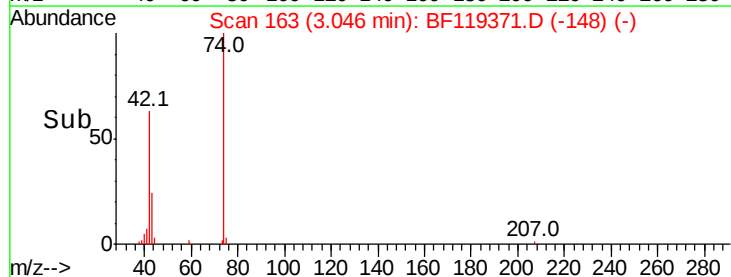
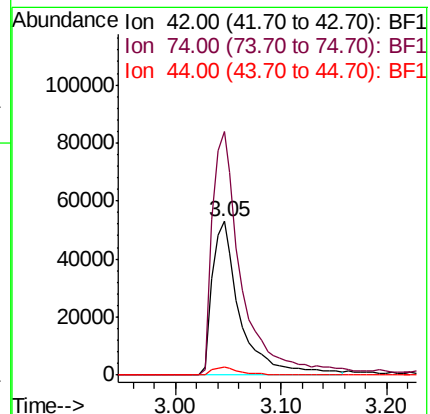
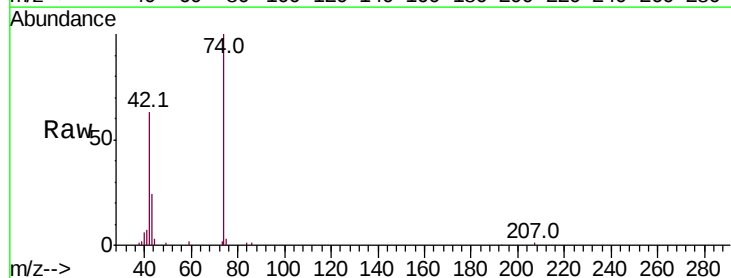
Tgt Ion: 42 Resp: 98382

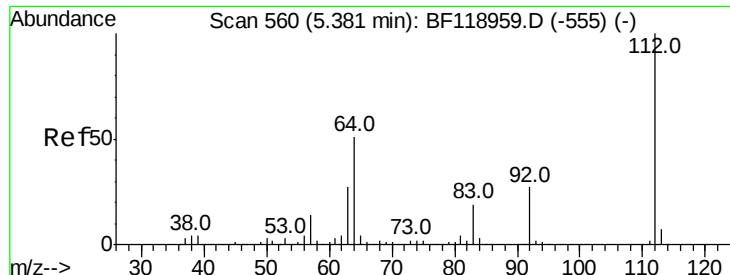
Ion Ratio Lower Upper

42 100

74 158.4 137.7 206.5

44 5.0 4.5 6.7





#5

2-Fluorophenol

Concen: 84.901 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampled :

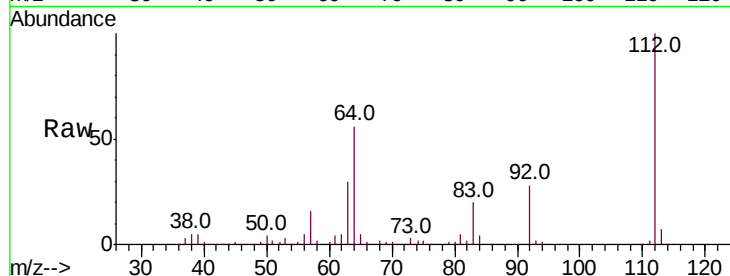
Tot Ion:112 Resp: 571029

Ion Ratio Lower Upper

112 100

64 55.9 45.0 67.4

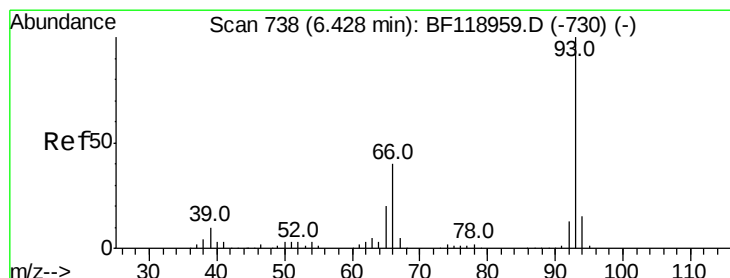
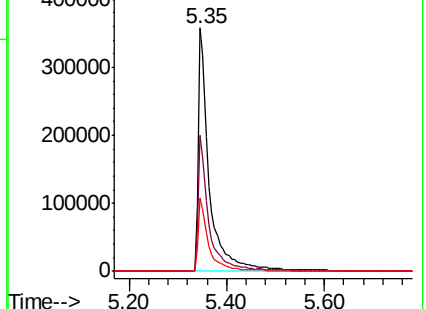
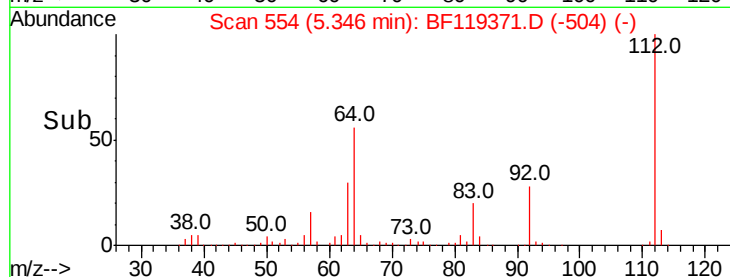
63 30.1 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.721 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

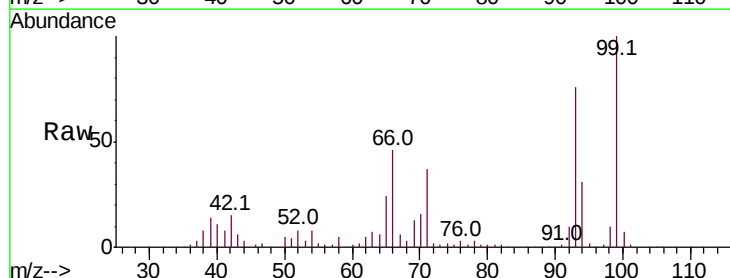
Tgt Ion: 93 Resp: 411003

Ion Ratio Lower Upper

93 100

66 60.9 74.5 111.7#

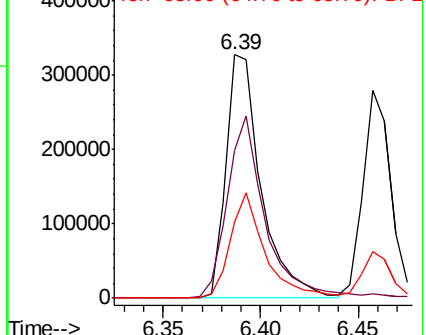
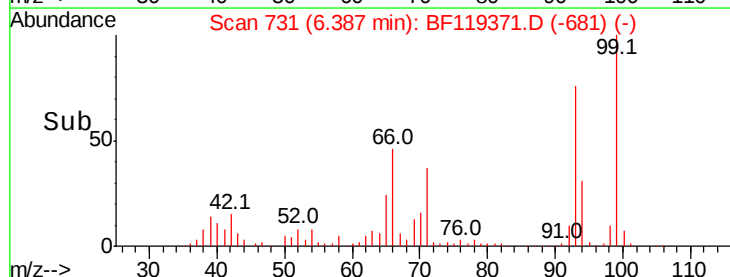
65 31.0 45.3 67.9#

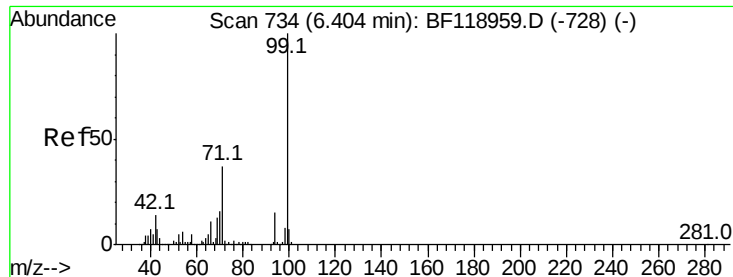


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.936 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

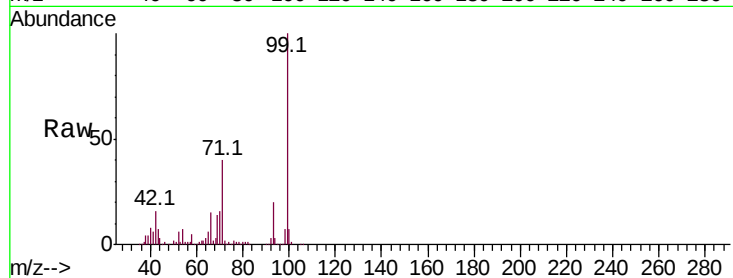
Tot Ion: 99 Resp: 678401

Ion Ratio Lower Upper

99 100

42 15.5 12.6 18.8

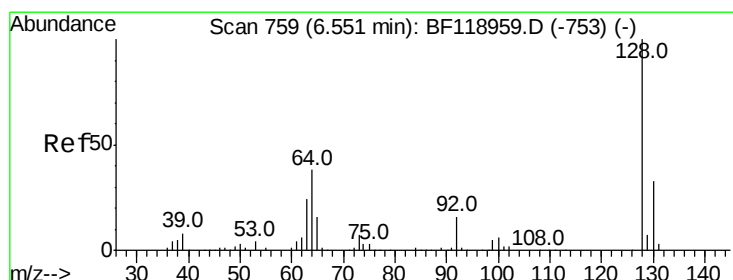
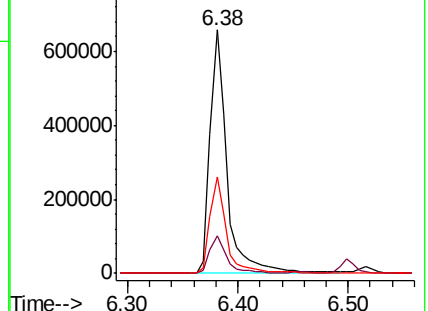
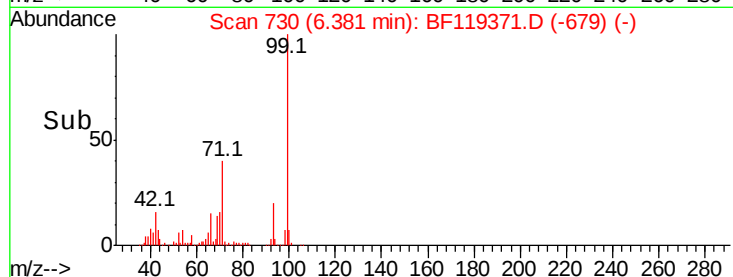
71 39.8 31.0 46.4



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: 41.722 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

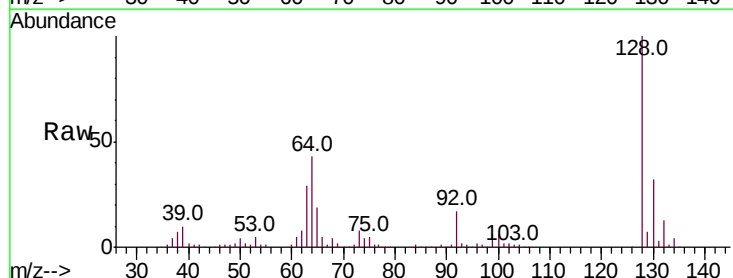
Tgt Ion: 128 Resp: 302832

Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

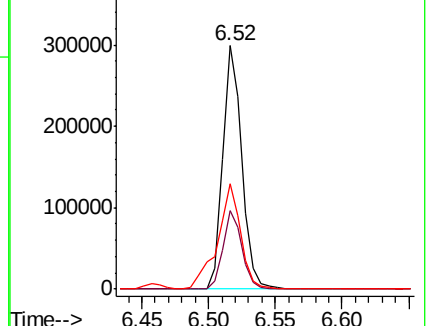
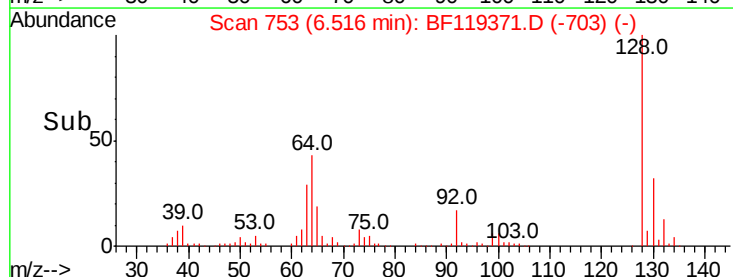
64 43.2 22.3 62.3

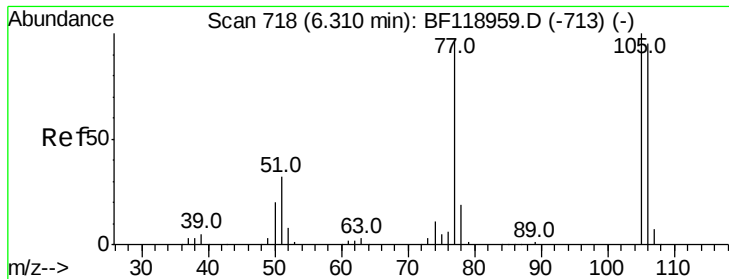


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

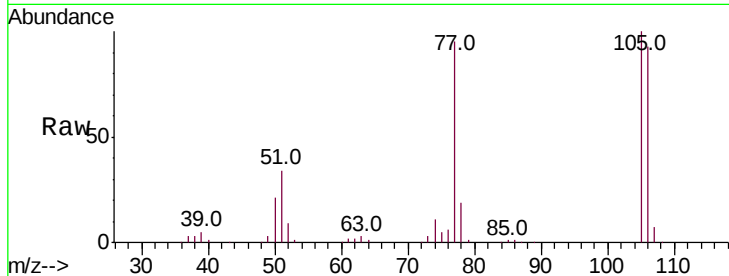




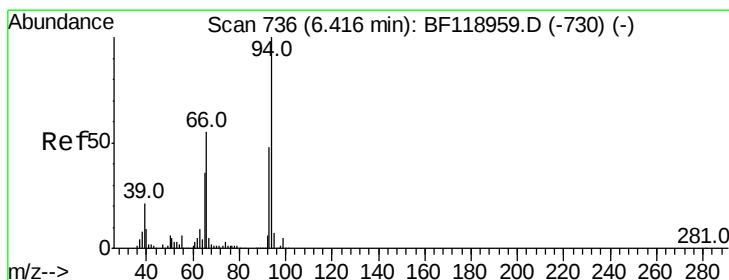
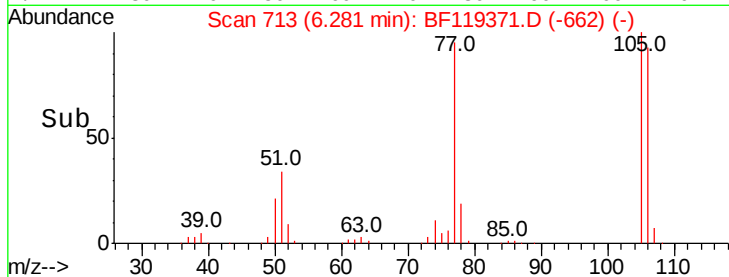
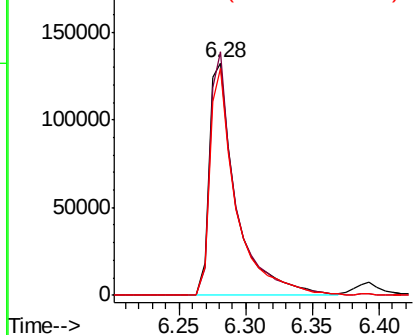
#9
Benzaldehyde
Concen: 34.259 ng
RT: 6.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 187229
Ion Ratio Lower Upper
77 100
105 104.8 80.1 120.1
106 97.5 75.9 115.9

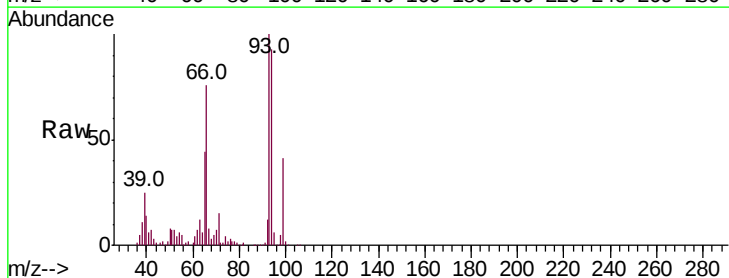


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

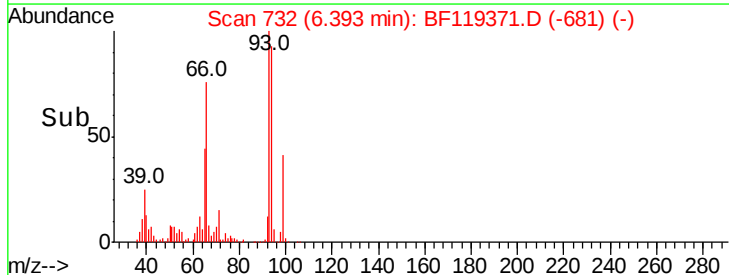
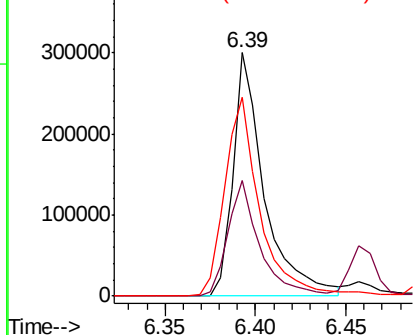


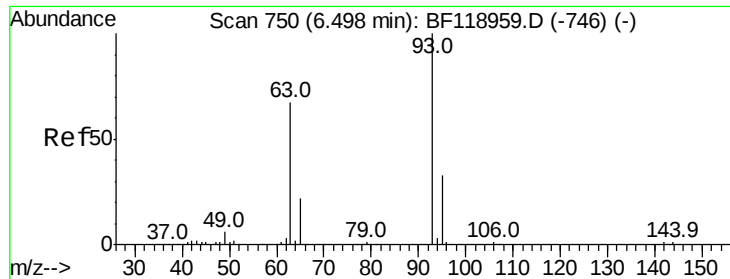
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Phenol
Concen: 40.951 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion: 94 Resp: 362164
Ion Ratio Lower Upper
94 100
65 47.3 19.2 59.2
66 81.5 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: 39.975 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

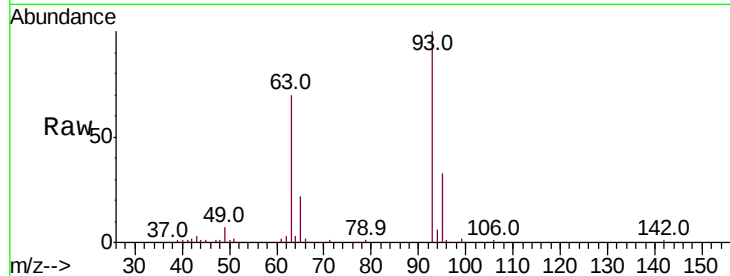
Tot Ion: 93 Resp: 270504

Ion Ratio Lower Upper

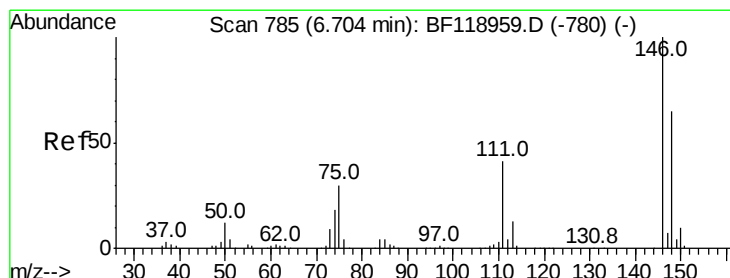
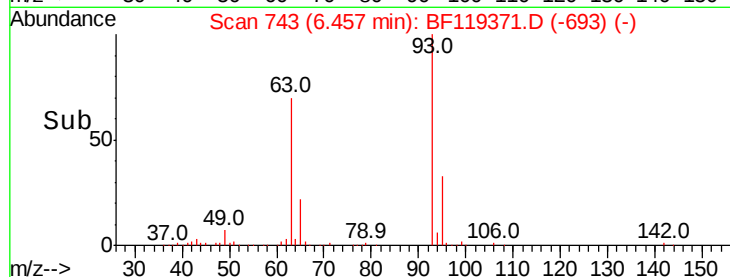
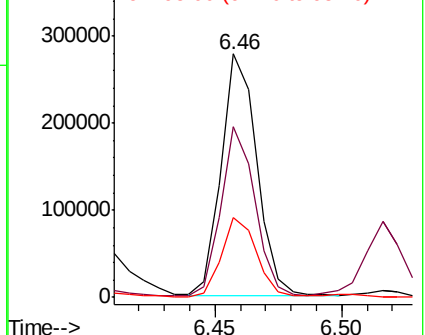
93 100

63 69.8 45.4 85.4

95 32.8 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.385 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

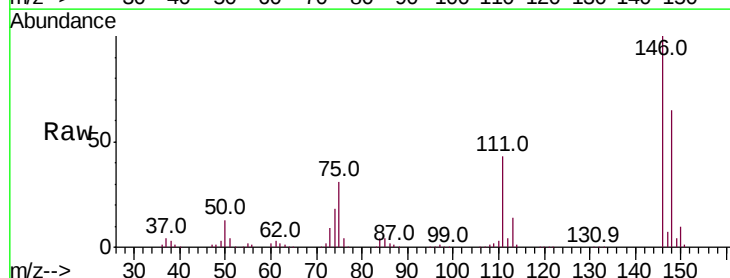
Tgt Ion: 146 Resp: 351339

Ion Ratio Lower Upper

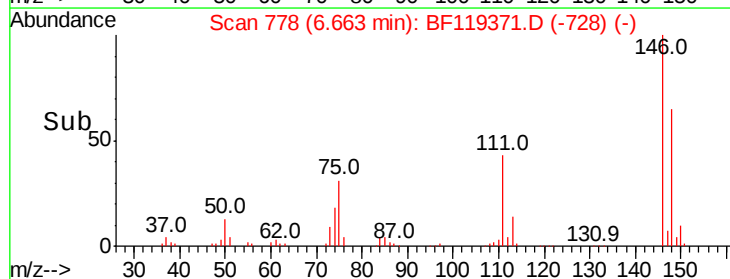
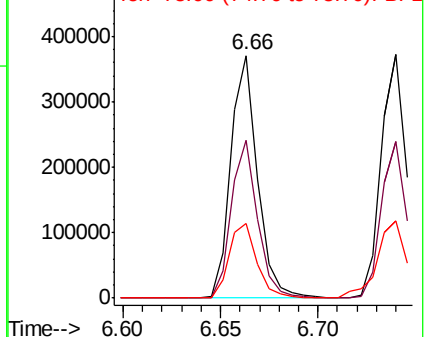
146 100

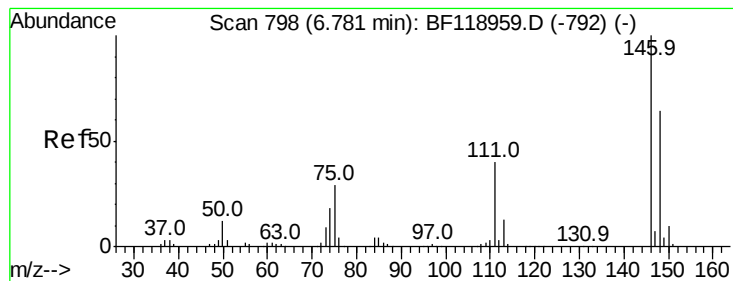
148 65.1 52.5 78.7

75 30.6 23.6 35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.457 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampled :

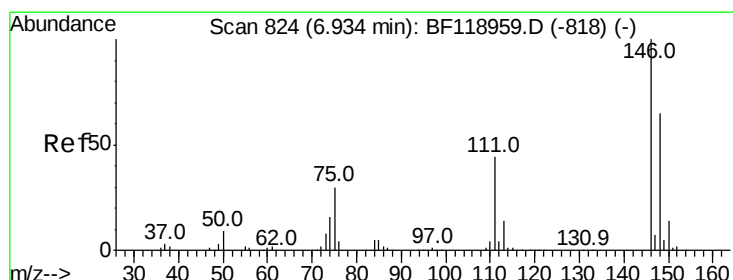
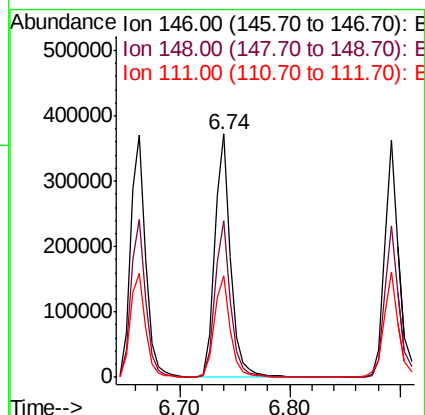
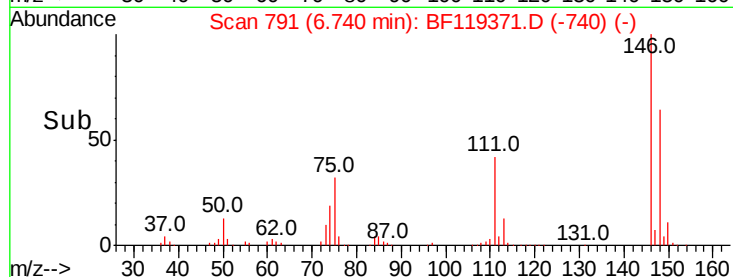
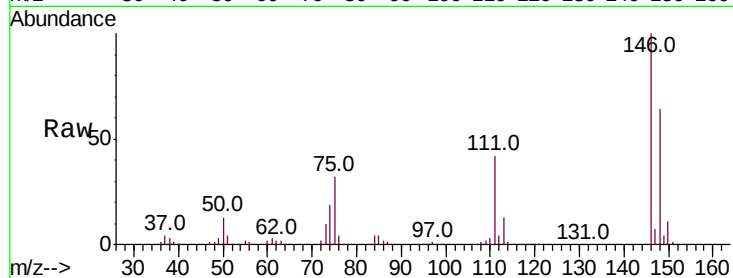
Tot Ion:146 Resp: 360907

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

111 41.5 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 41.569 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

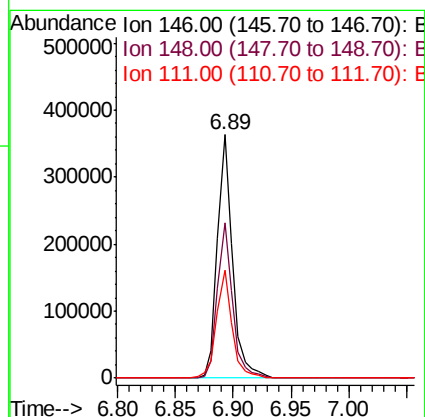
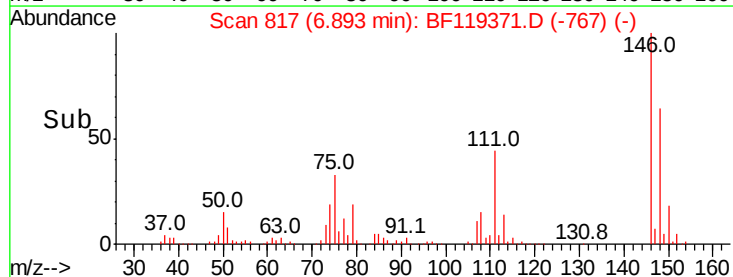
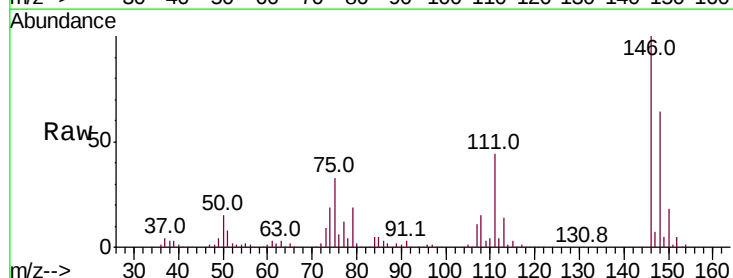
Tgt Ion:146 Resp: 330039

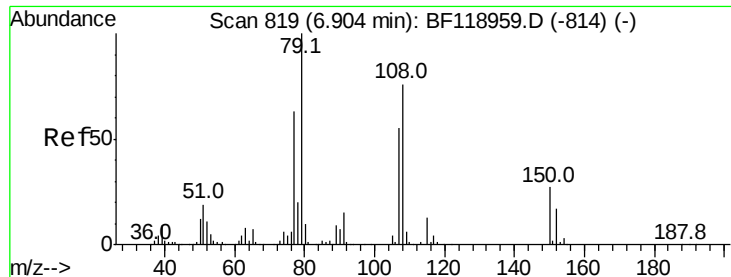
Ion Ratio Lower Upper

146 100

148 63.9 51.9 77.9

111 44.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 44.164 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :

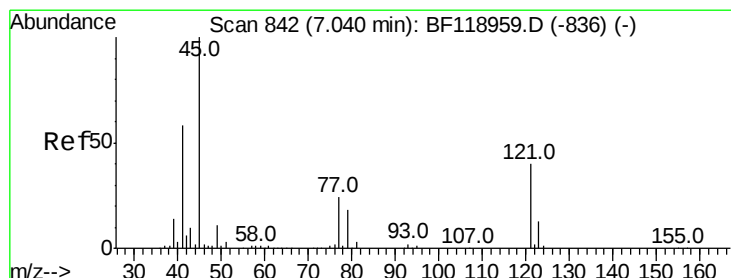
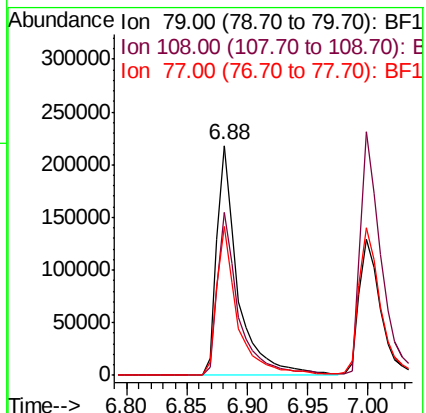
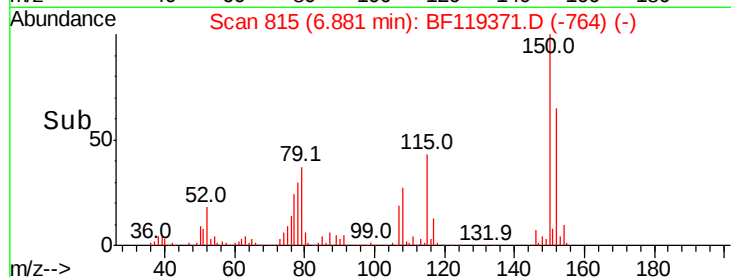
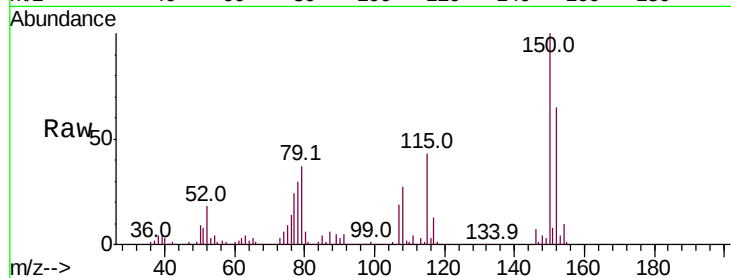
Tot Ion: 79 Resp: 261093

Ion Ratio Lower Upper

79 100

108 71.2 58.2 87.2

77 64.7 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.657 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

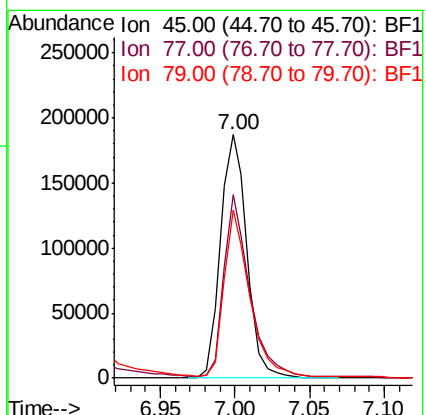
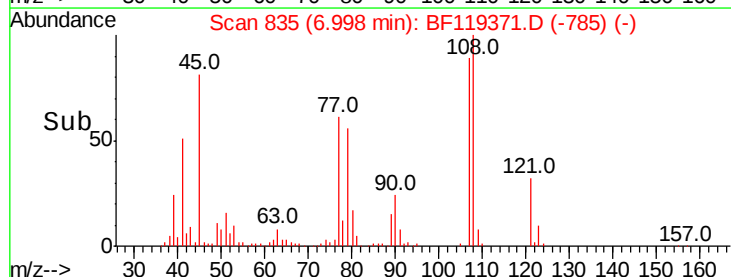
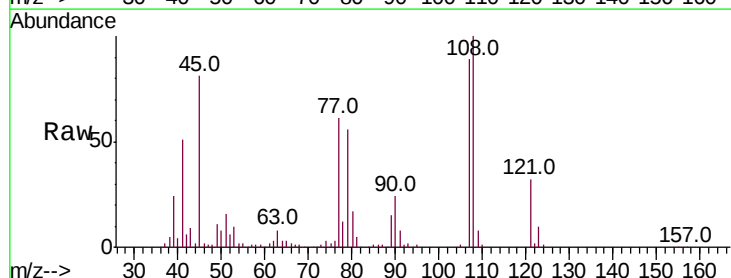
Tgt Ion: 45 Resp: 232460

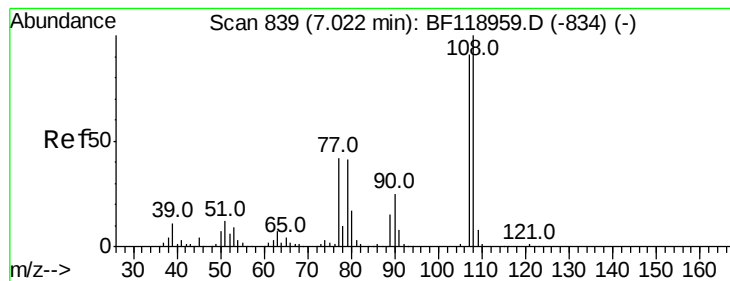
Ion Ratio Lower Upper

45 100

77 75.1 15.0 55.0#

79 68.8 9.4 49.4#





#17

2-Methylphenol

Concen: 40.828 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 240267

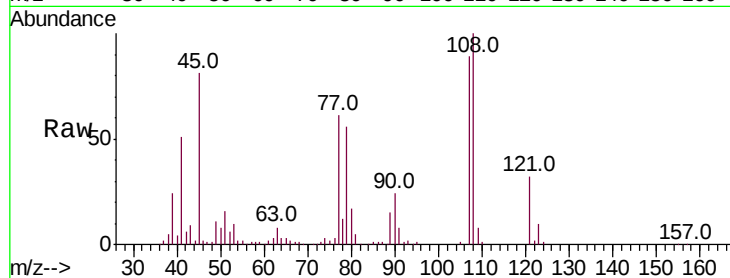
Ion Ratio Lower Upper

107 100

108 112.3 87.9 131.9

77 68.3 45.3 67.9#

79 62.6 43.0 64.4

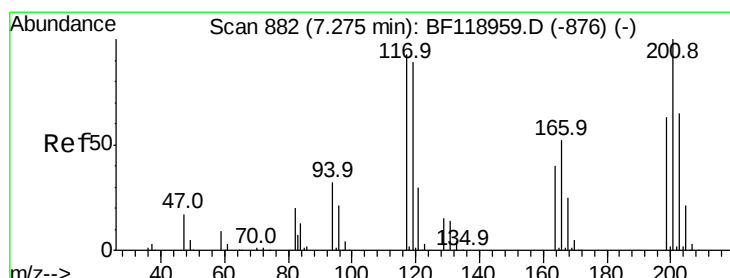
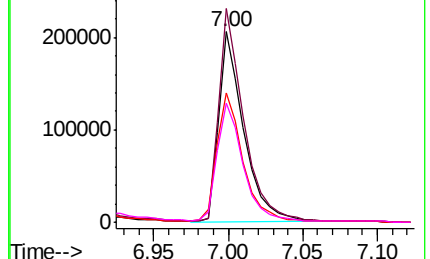
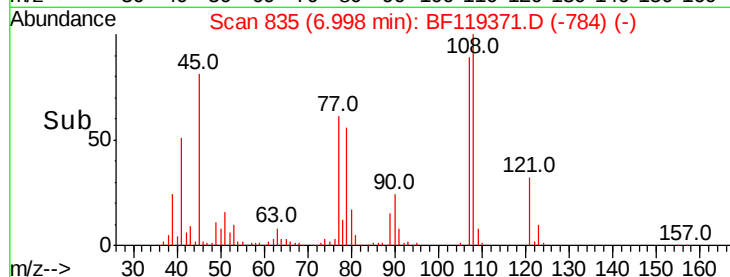


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.662 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

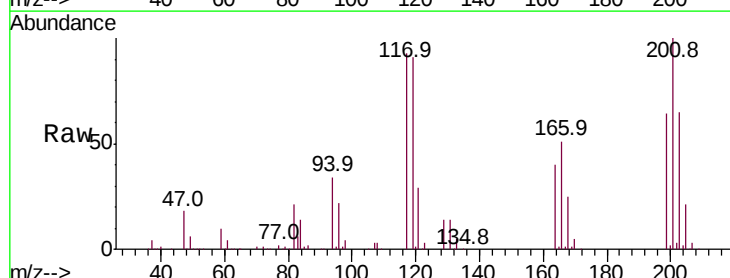
Tgt Ion:117 Resp: 126645

Ion Ratio Lower Upper

117 100

119 97.7 77.5 116.3

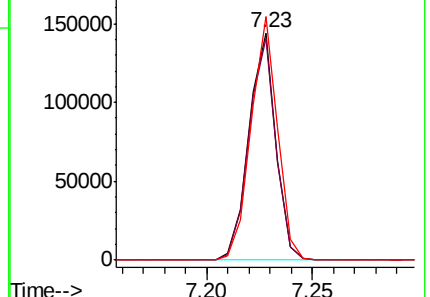
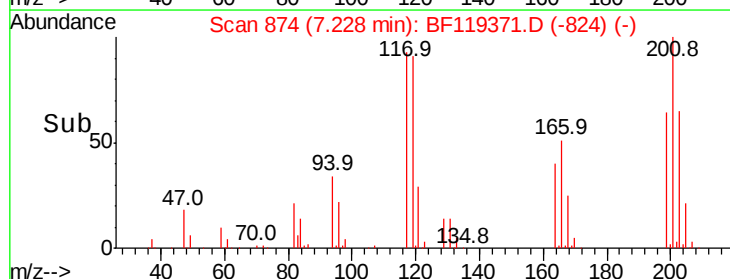
201 107.1 82.6 123.8

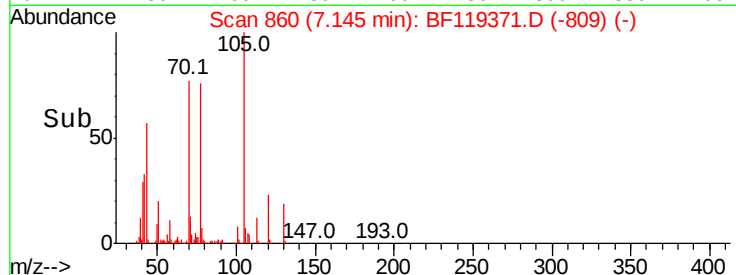
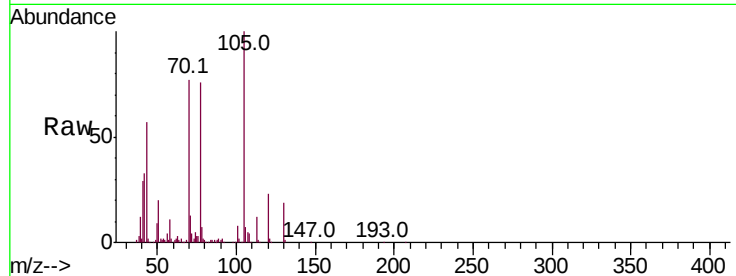
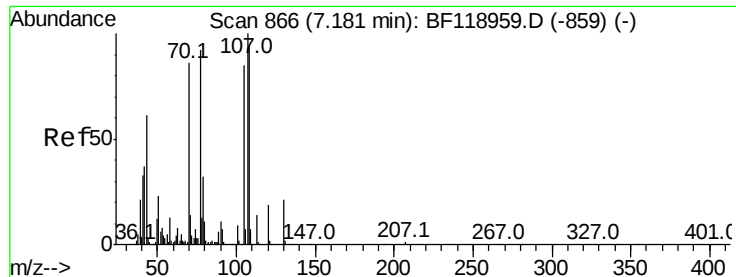


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

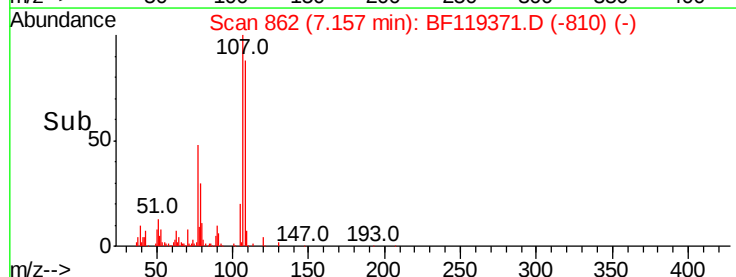
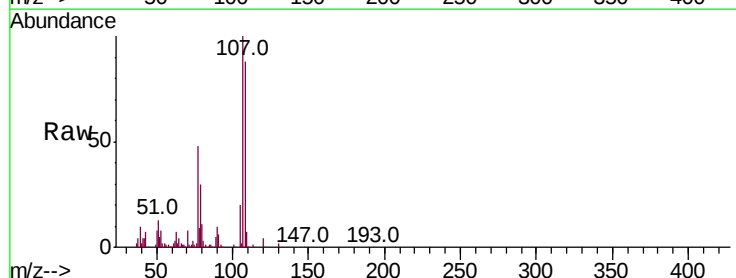
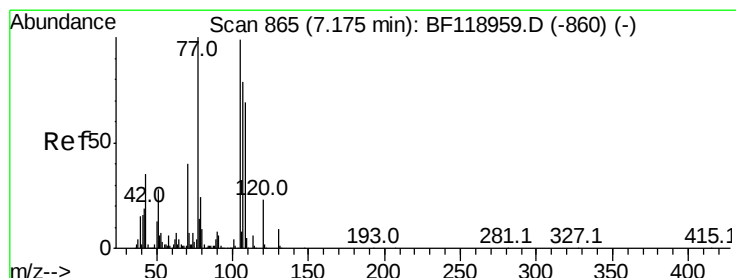
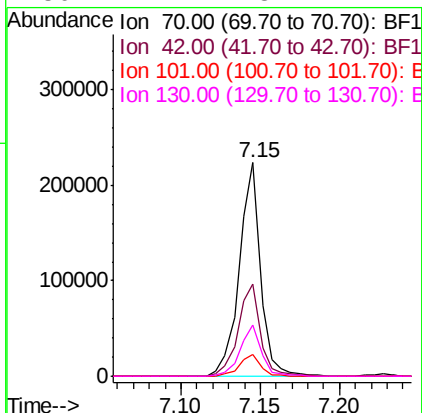




#19
n-Nitroso-di-n-propylamine
Concen: 43.666 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

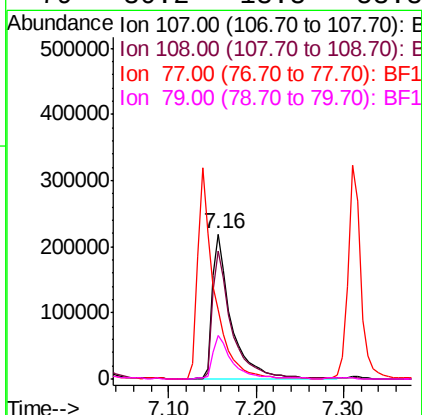
Instrument :
BNA_F
ClientSampleId :

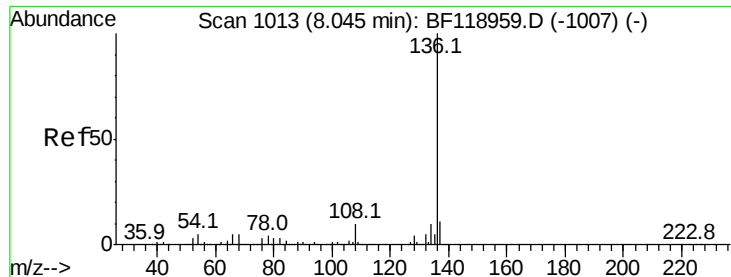
Tot Ion:	70	Resp:	208127
Ion	Ratio	Lower	Upper
70	100		
42	43.3	38.0	57.0
101	10.0	8.2	12.4
130	24.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 45.307 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion:	107	Resp:	326651
Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.5	111.5
77	48.0	45.9	85.9
79	30.2	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 423668

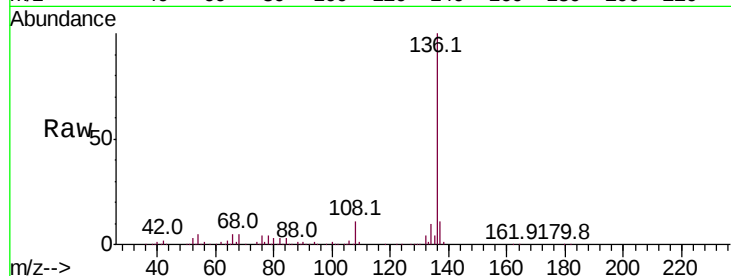
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.2 3.8 5.6

68 5.1 3.9 5.9

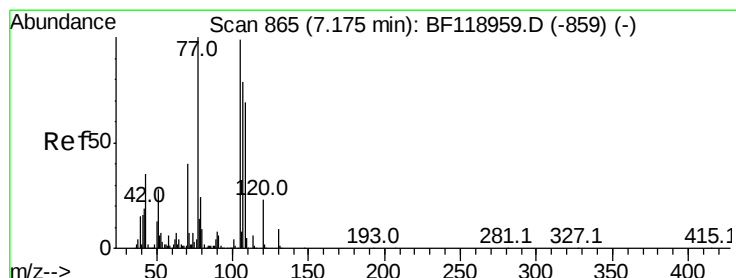
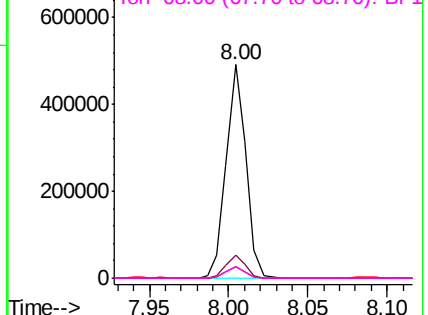
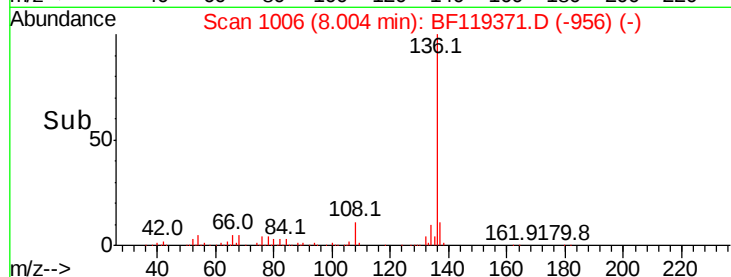


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.977 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Tgt Ion:105 Resp: 411486

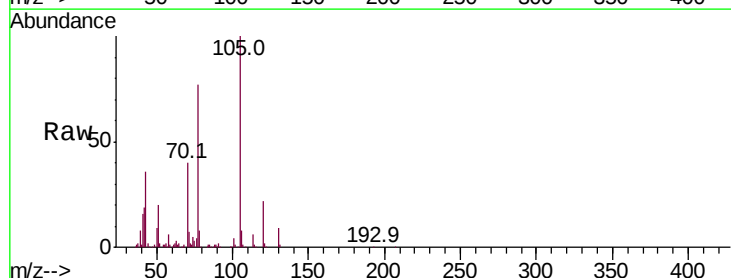
Ion Ratio Lower Upper

105 100

71 6.8 3.0 4.4#

51 20.4 20.1 30.1

120 21.9 18.0 27.0

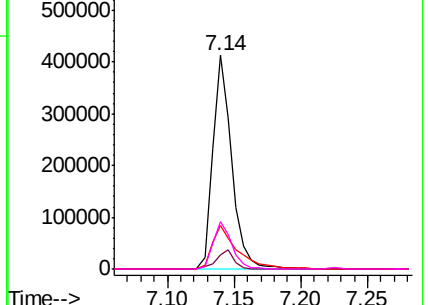
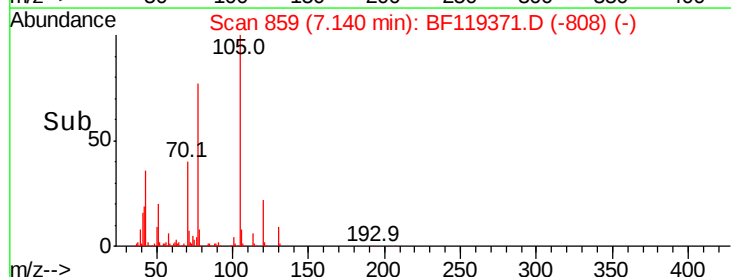


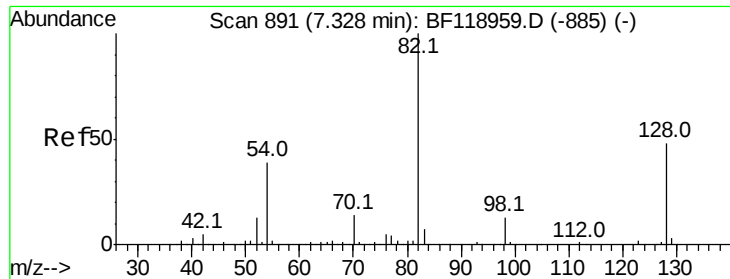
Abundance Ion 105.00 (104.70 to 105.70): E

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

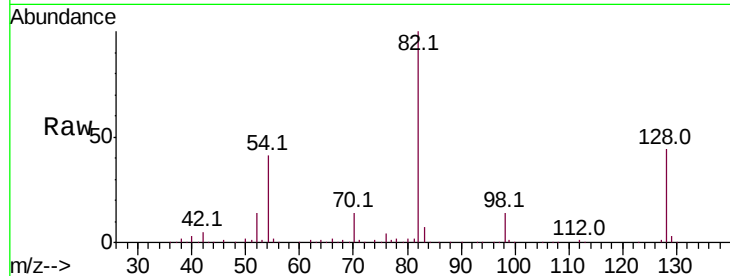




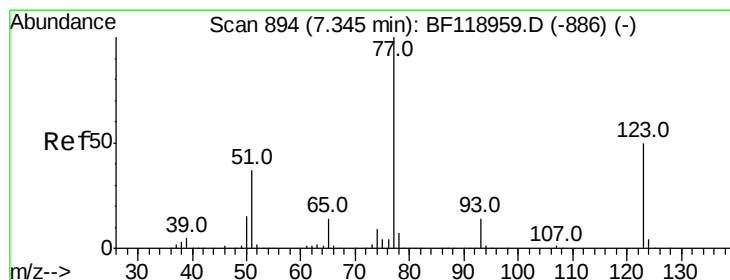
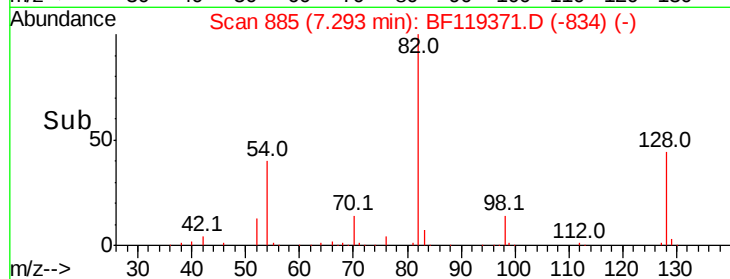
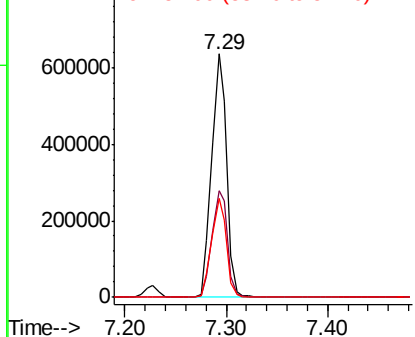
#23
 Nitrobenzene-d5
 Concen: 81.758 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 656024
 Ion Ratio Lower Upper
 82 100
 128 43.7 37.9 56.9
 54 40.8 33.4 50.2

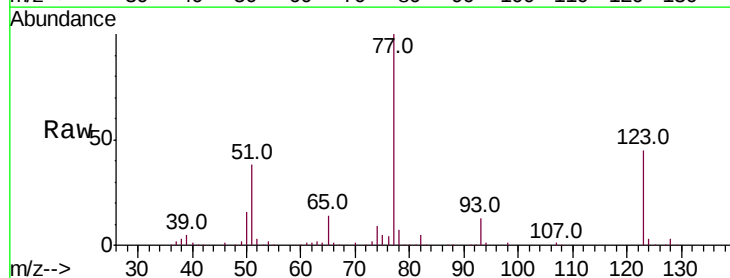


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

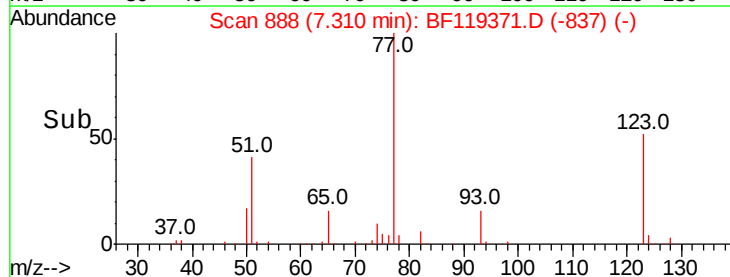
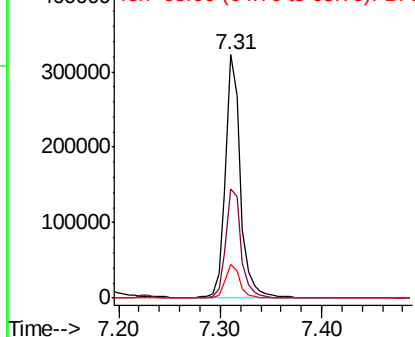


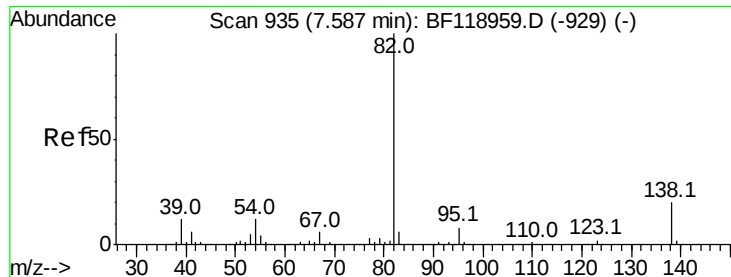
#24
 Nitrobenzene
 Concen: 41.329 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion: 77 Resp: 327943
 Ion Ratio Lower Upper
 77 100
 123 45.0 40.2 60.2
 65 13.6 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: 38.994 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

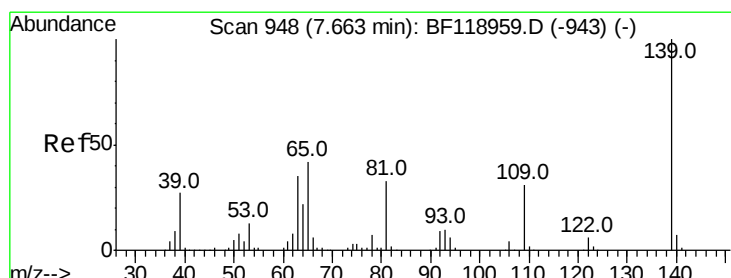
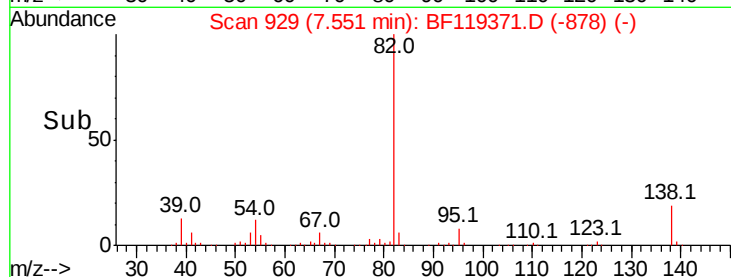
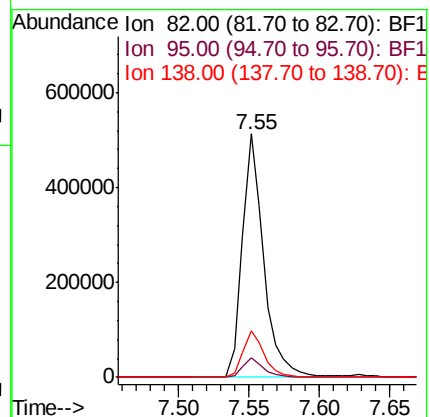
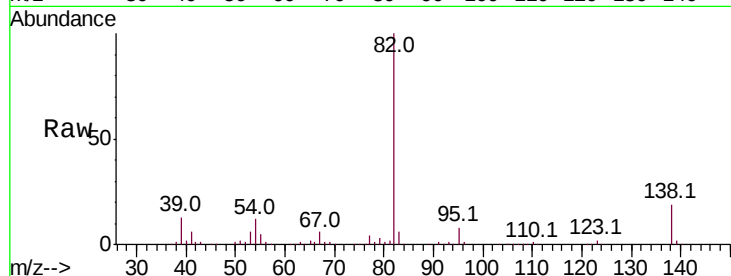
Tot Ion: 82 Resp: 543399

Ion Ratio Lower Upper

82 100

95 8.2 6.4 9.6

138 18.9 15.7 23.5



#26

2-Nitrophenol

Concen: 39.349 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

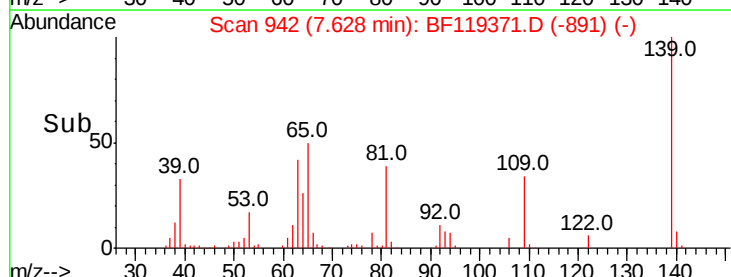
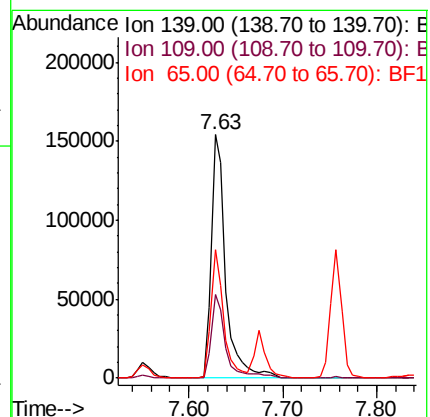
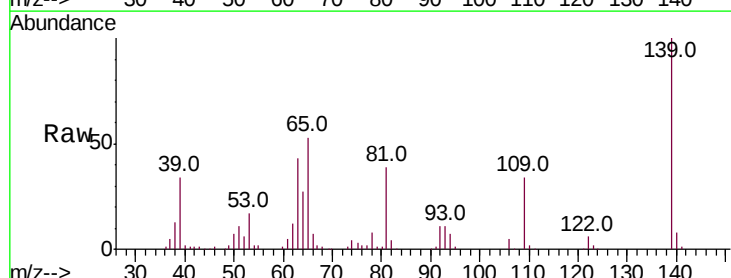
Tgt Ion: 139 Resp: 165436

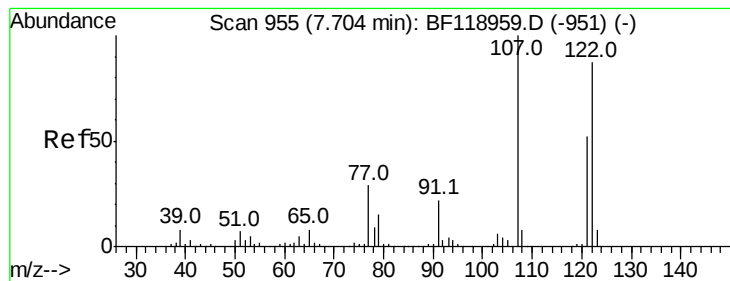
Ion Ratio Lower Upper

139 100

109 34.4 25.7 38.5

65 52.8 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 38.894 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :

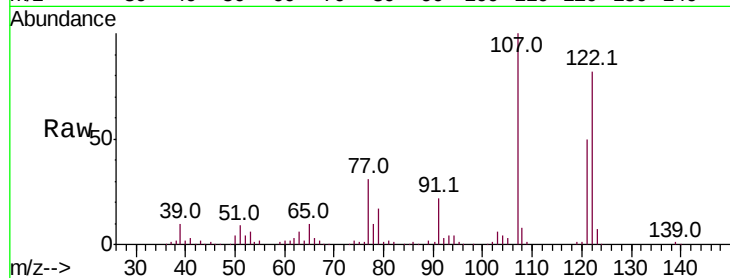
Tot Ion:122 Resp: 221927

Ion Ratio Lower Upper

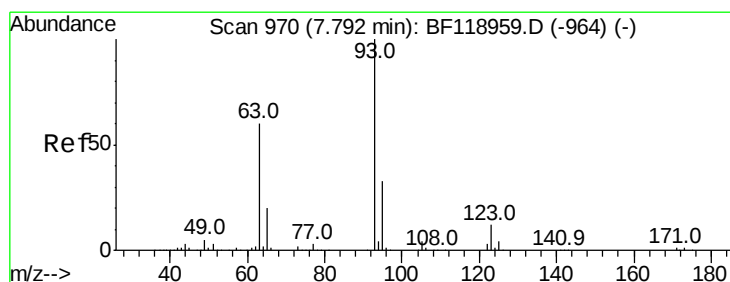
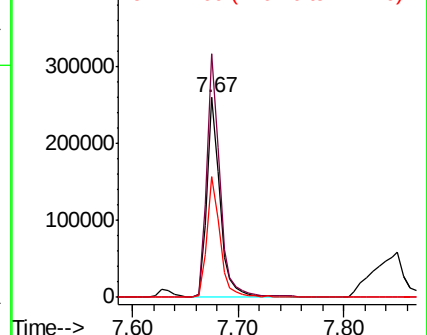
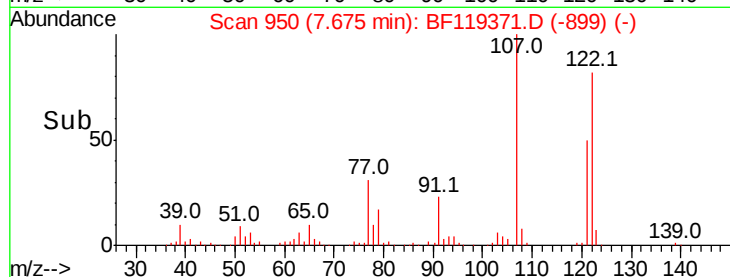
122 100

107 122.0 93.8 140.6

121 60.6 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: 38.486 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

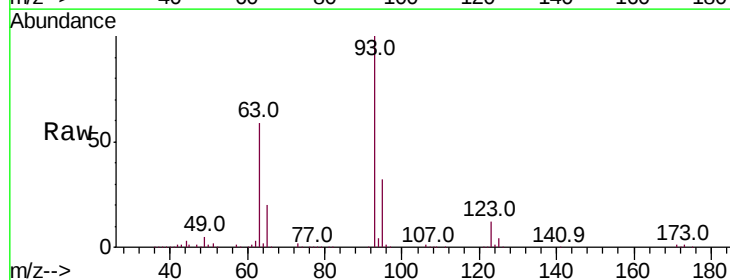
Tgt Ion: 93 Resp: 349082

Ion Ratio Lower Upper

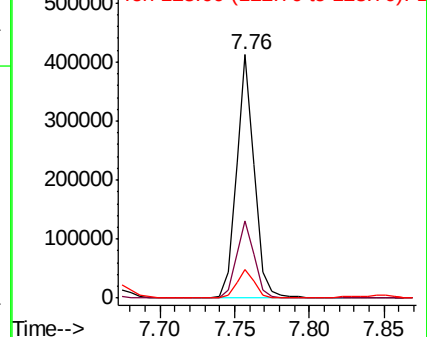
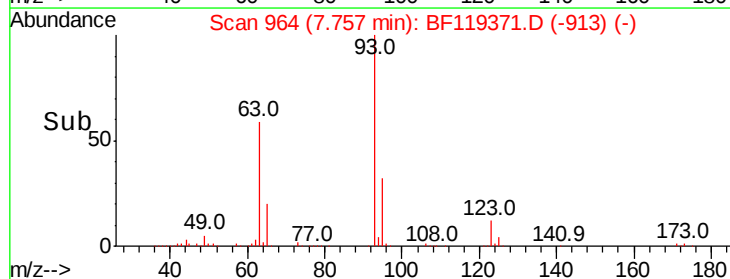
93 100

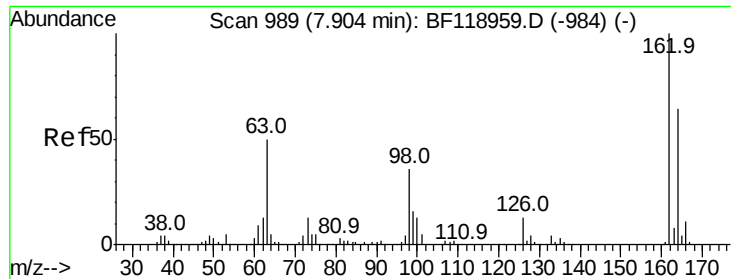
95 32.0 26.5 39.7

123 11.7 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

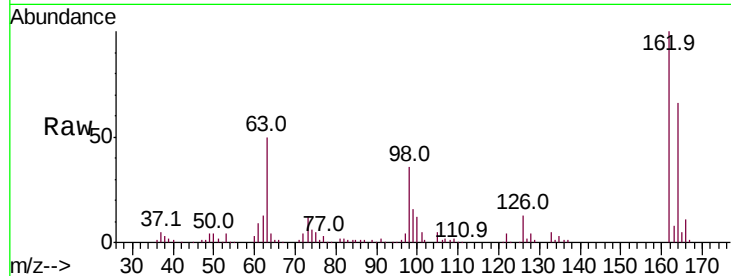




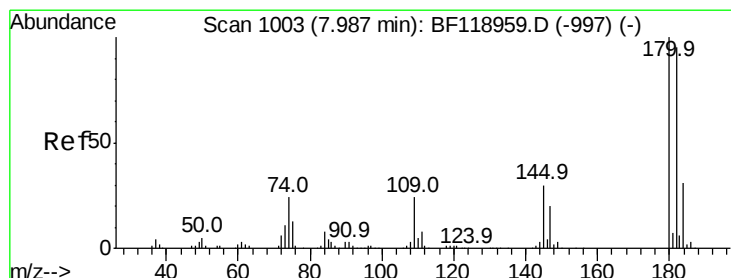
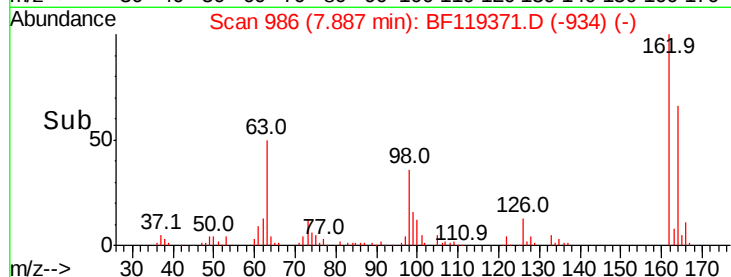
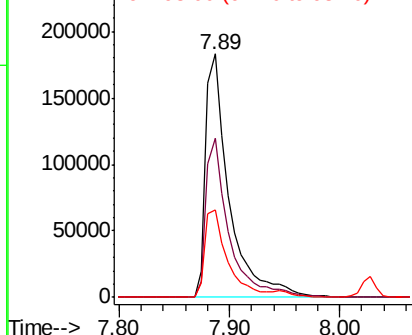
#29
 2,4-Dichlorophenol
 Concen: 39.506 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.2	85.2
98	35.9	17.4	57.4

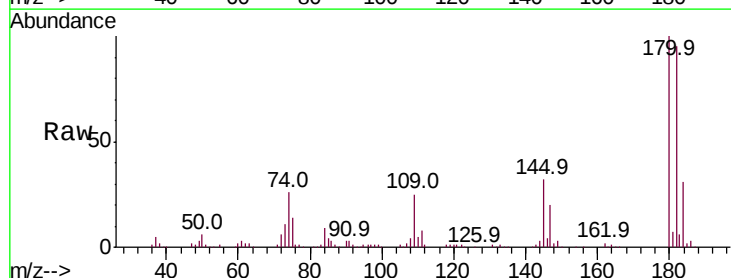


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

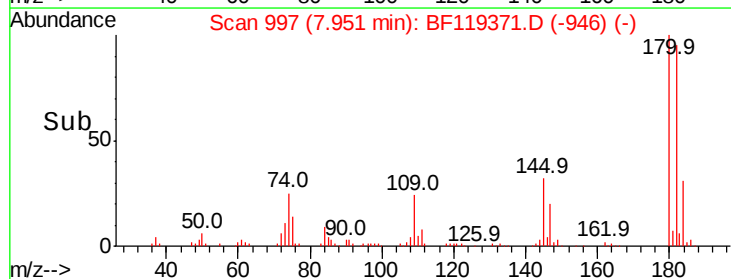
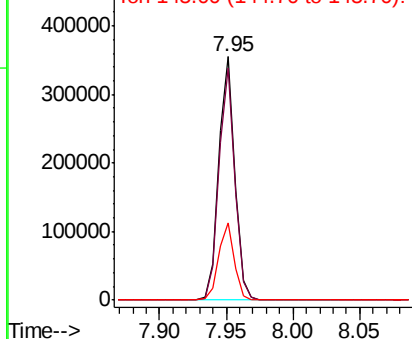


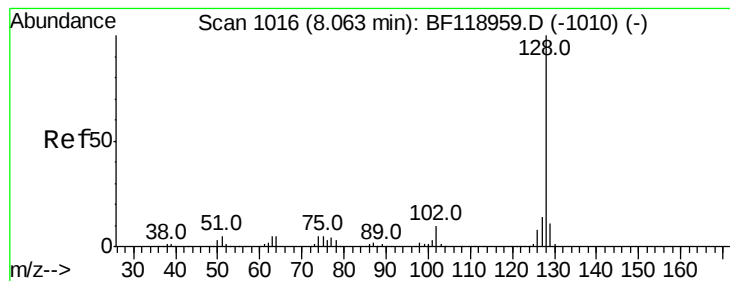
#30
 1,2,4-Trichlorobenzene
 Concen: 37.982 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.8	116.6
145	31.7	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: 39.743 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

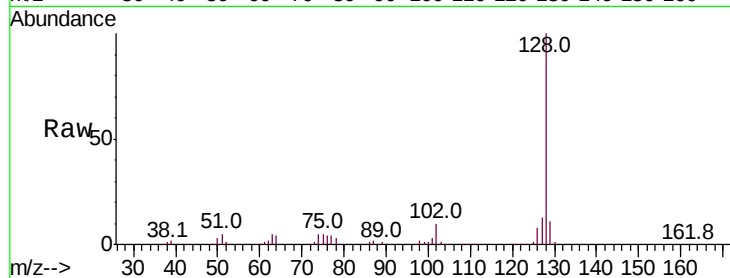
Tot Ion:128 Resp: 873246

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

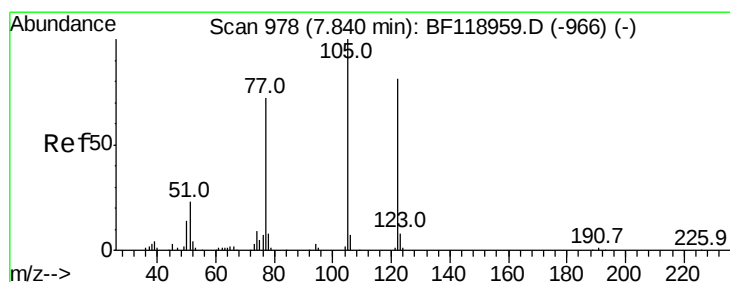
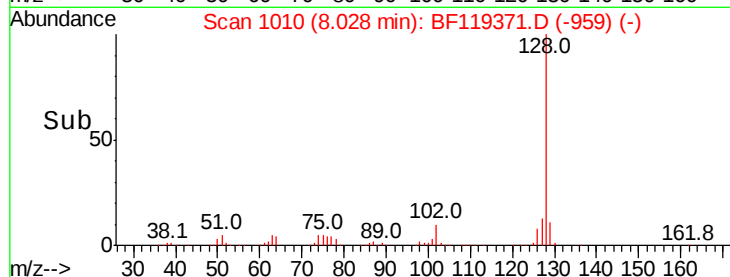
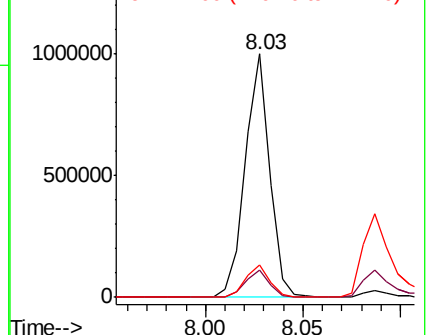
127 13.4 11.4 17.2



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: 35.232 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

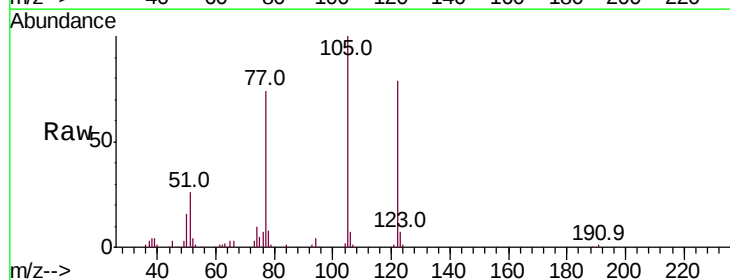
Tgt Ion:122 Resp: 138094

Ion Ratio Lower Upper

122 100

105 126.7 106.3 146.3

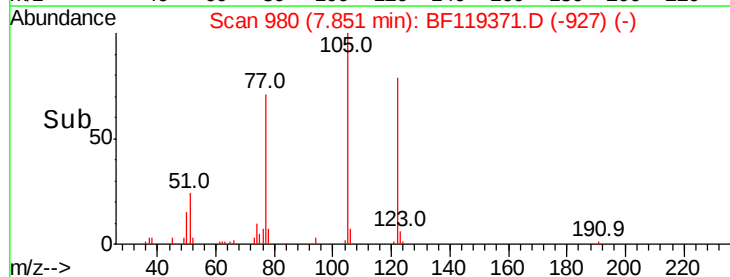
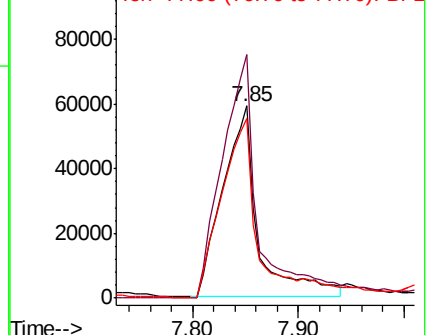
77 93.7 73.1 113.1

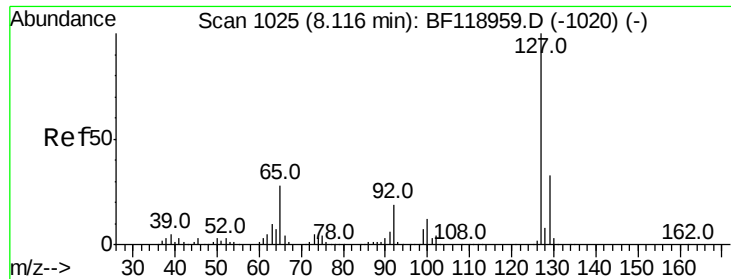


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

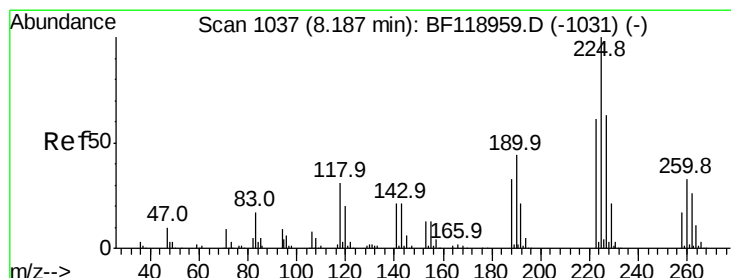
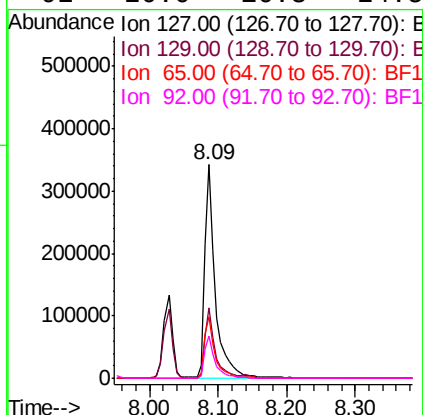
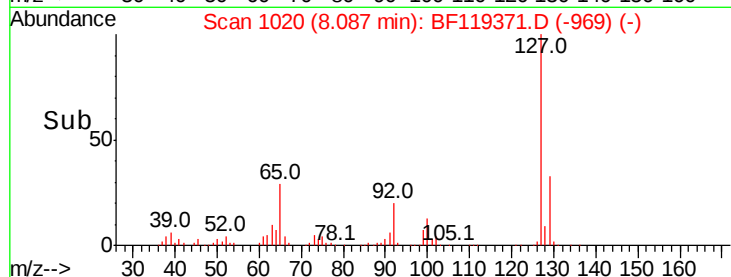
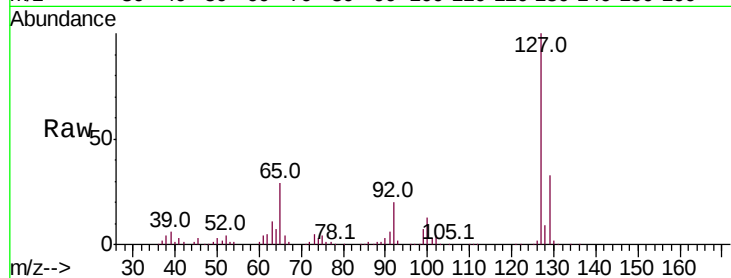




#33
4-Chloroaniline
Concen: 40.083 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

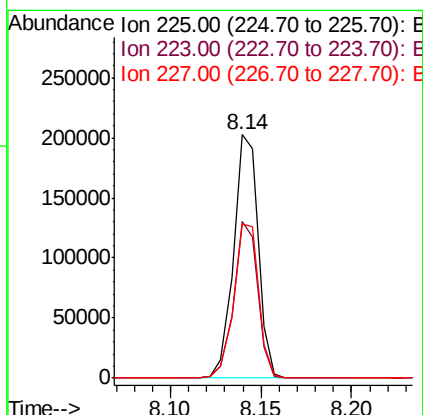
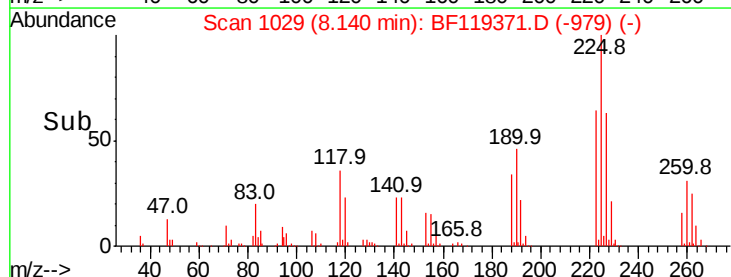
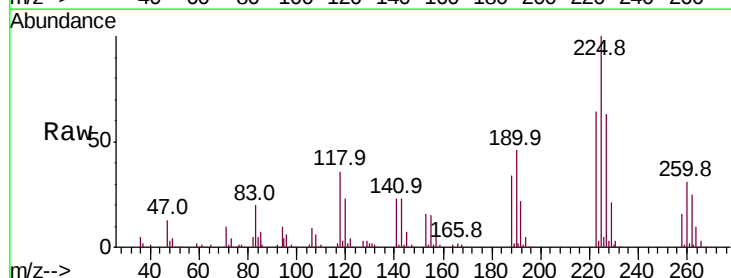
Instrument :
BNA_F
ClientSampleId :

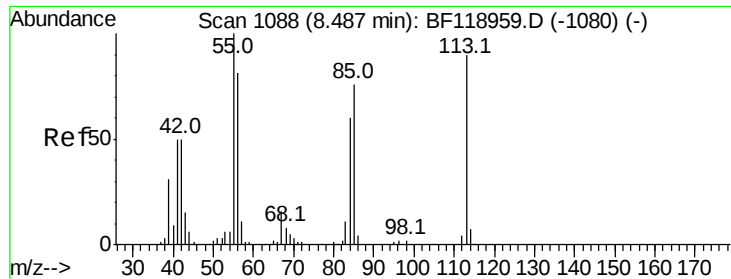
Tot Ion:	127	Resp:	378803
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	28.7	23.9	35.9
92	20.0	16.3	24.5



#34
Hexachlorobutadiene
Concen: 38.601 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion:	225	Resp:	191499
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.4	74.2
227	63.4	52.9	79.3

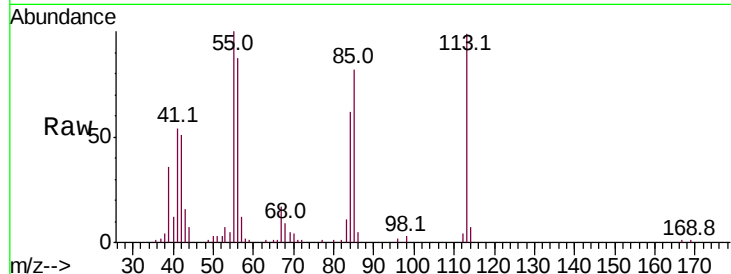




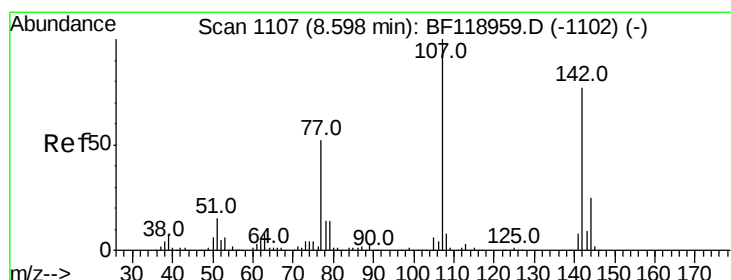
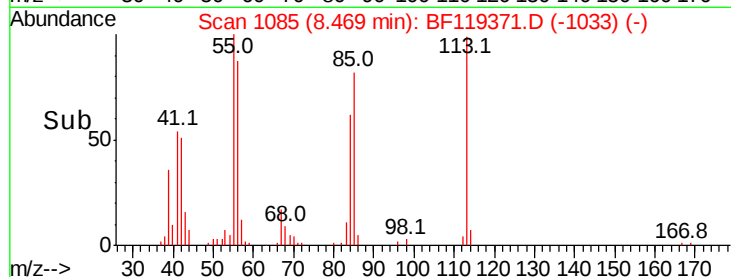
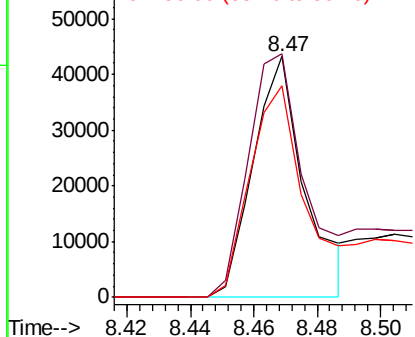
#35
 Caprolactam
 Concen: 23.444 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 48490
 Ion Ratio Lower Upper
 113 100
 55 101.3 95.7 135.7
 56 87.8 73.1 113.1

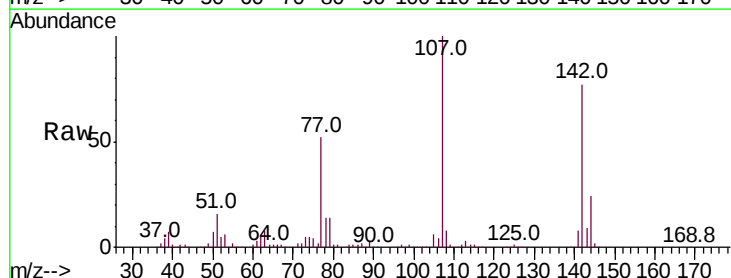


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

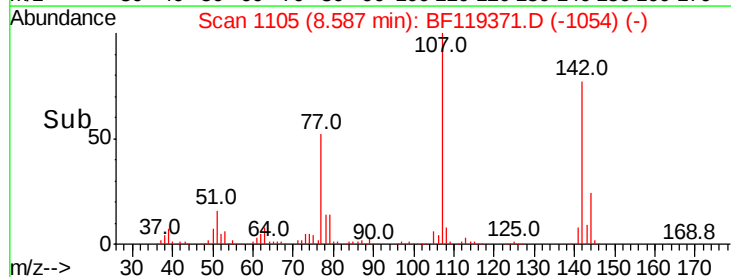
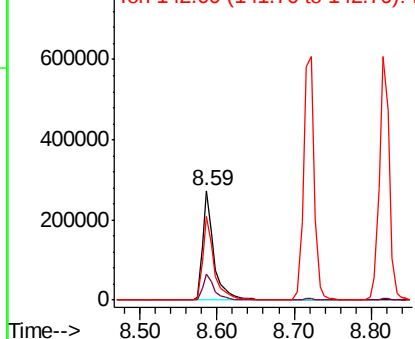


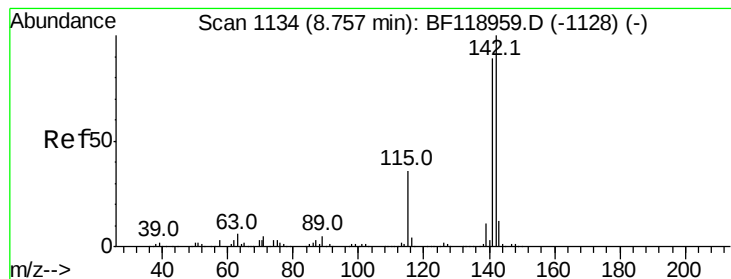
#36
 4-Chloro-3-methylphenol
 Concen: 41.080 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion:107 Resp: 279270
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.1 30.1
 142 76.8 61.4 92.2



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





#37

2-Methylnaphthalene

Concen: 39.596 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

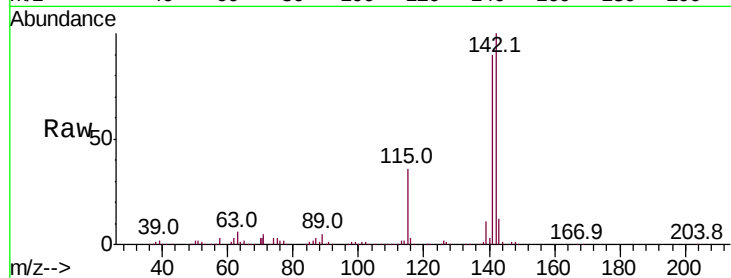
Tot Ion:142 Resp: 585488

Ion Ratio Lower Upper

142 100

141 90.5 72.3 108.5

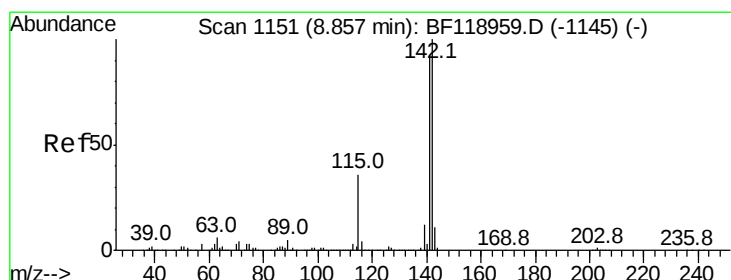
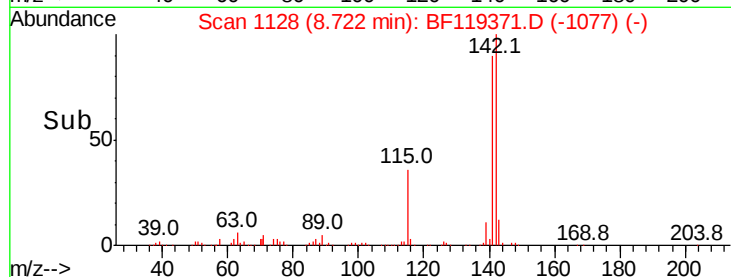
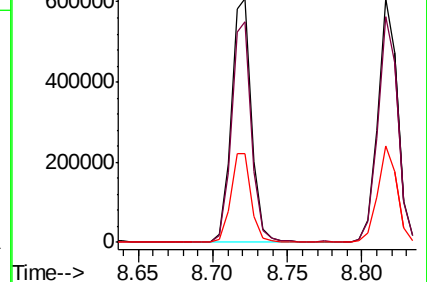
115 36.3 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.357 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

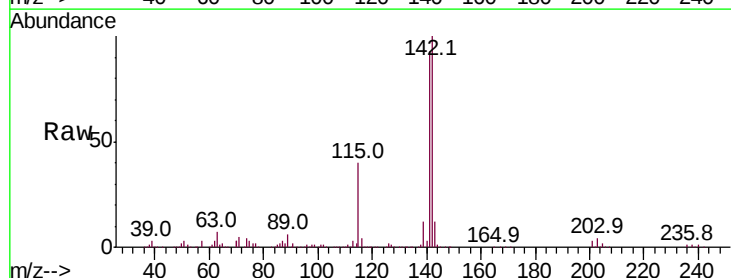
Tgt Ion:142 Resp: 547309

Ion Ratio Lower Upper

142 100

141 93.0 75.8 113.6

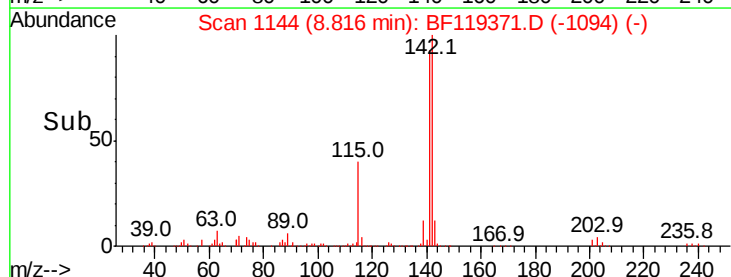
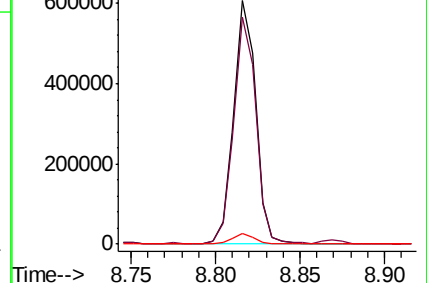
116 4.3 3.1 4.7

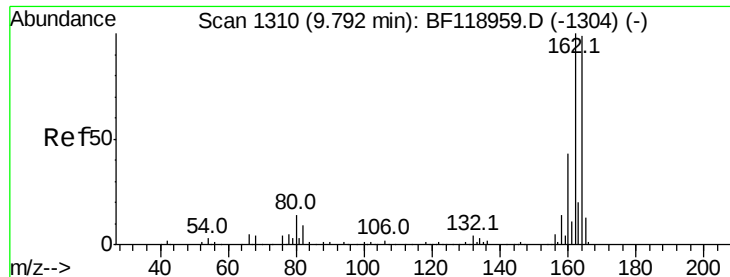


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1304

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

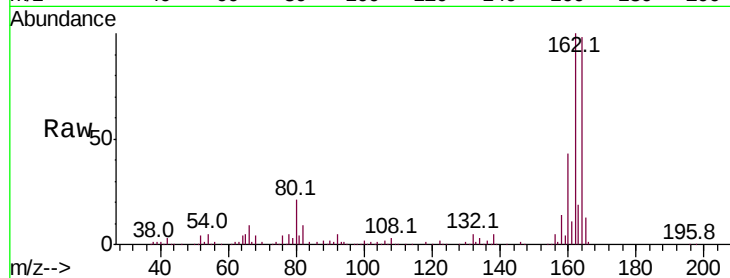
Tot Ion:164 Resp: 232167

Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.8

160 43.7 36.0 54.0

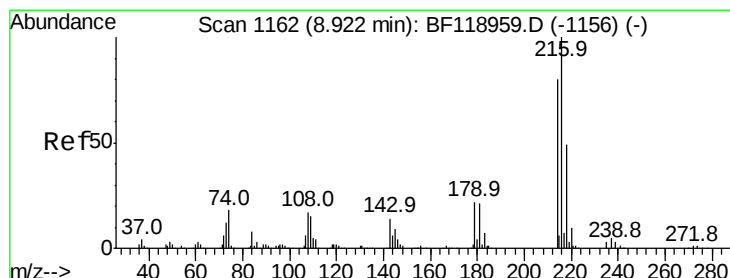
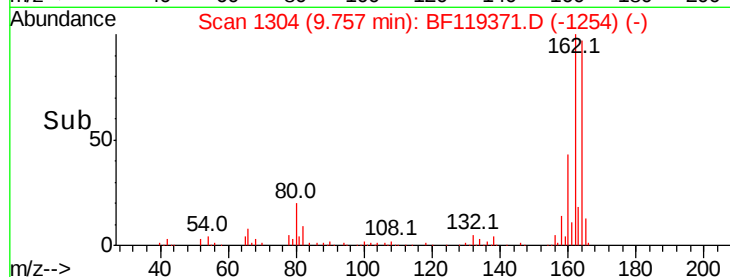
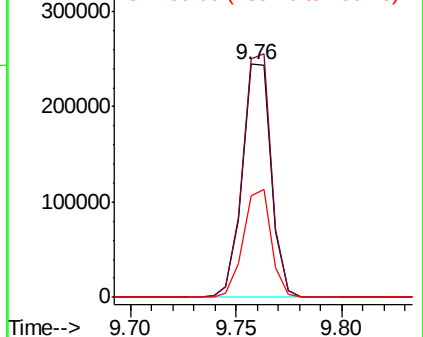


Abundance

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: 38.615 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Tgt Ion:216 Resp: 302265

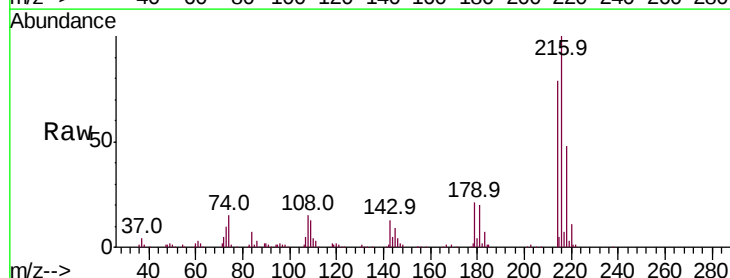
Ion Ratio Lower Upper

216 100

214 79.4 63.3 94.9

179 21.9 17.7 26.5

108 17.8 13.9 20.9



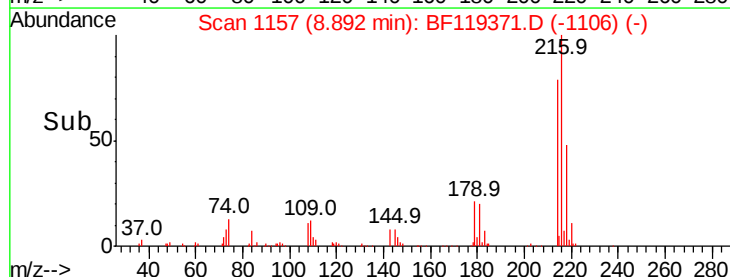
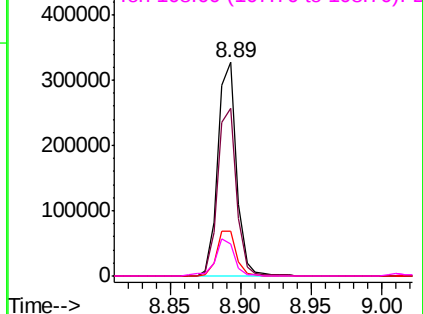
Abundance

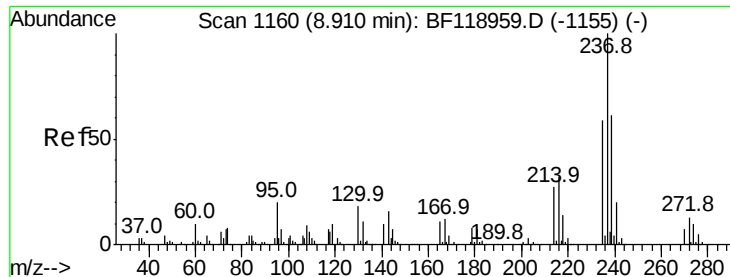
Ion 216.00 (215.70 to 216.70): E

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: 30.785 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

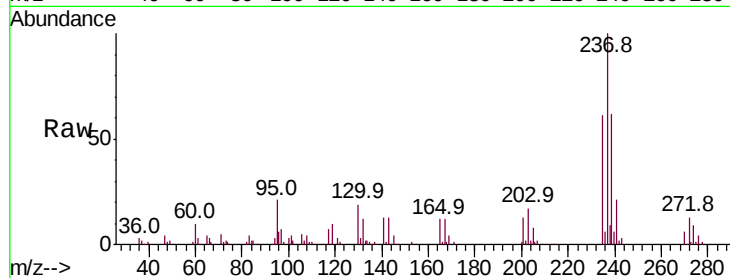
Tot Ion:237 Resp: 69057

Ion Ratio Lower Upper

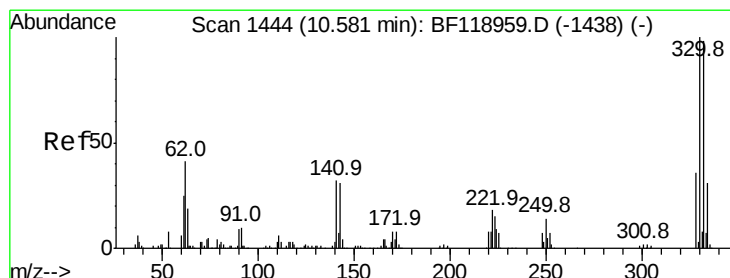
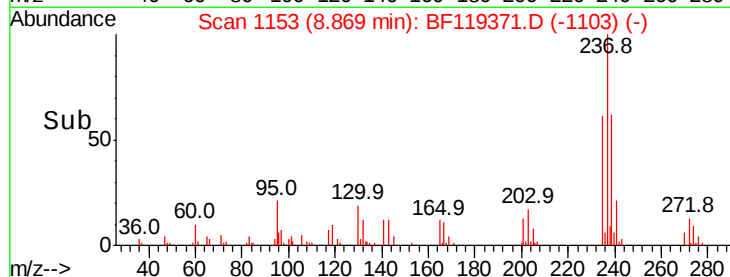
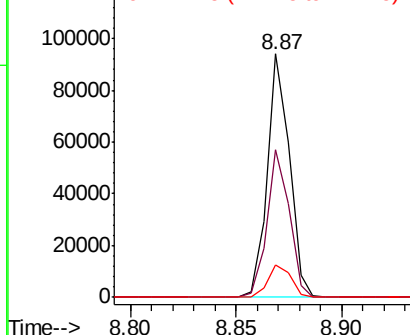
237 100

235 60.7 42.3 82.3

272 13.2 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: 75.977 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

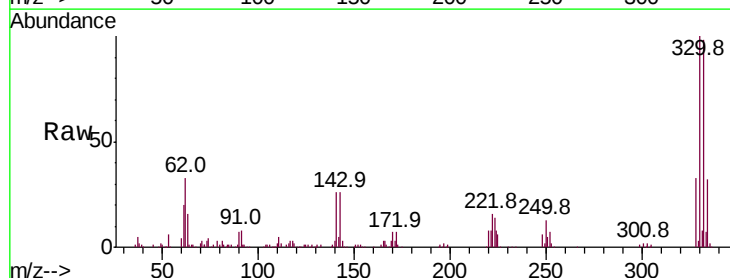
Tgt Ion:330 Resp: 230752

Ion Ratio Lower Upper

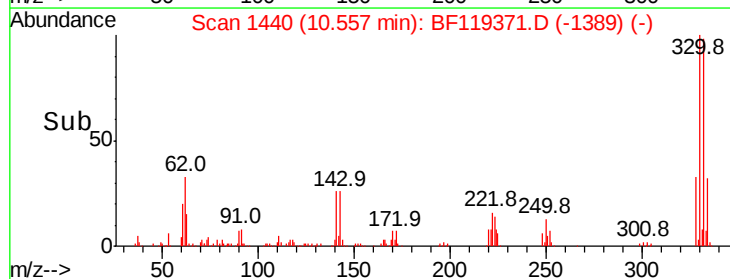
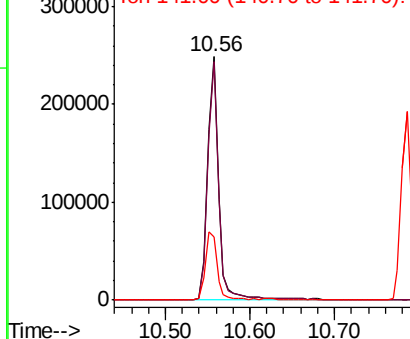
330 100

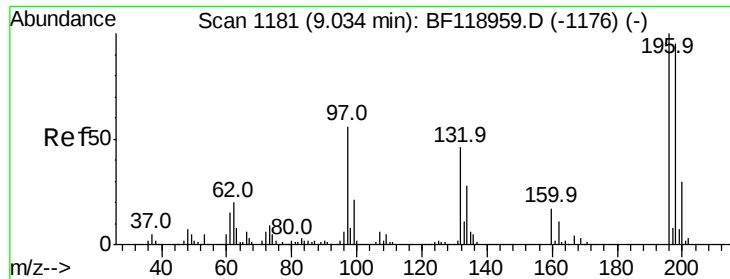
332 97.3 76.0 114.0

141 29.9 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

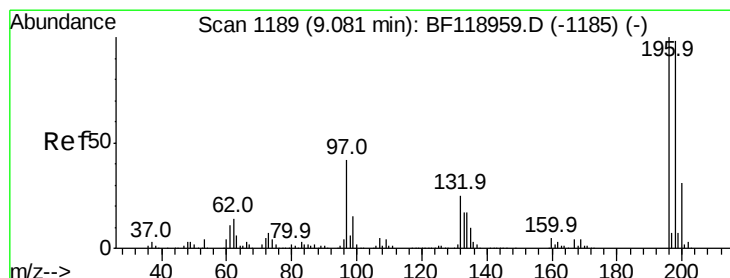
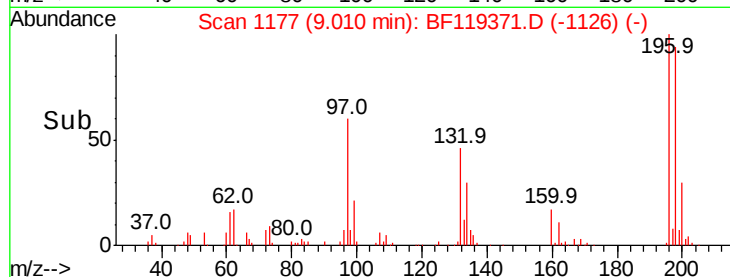
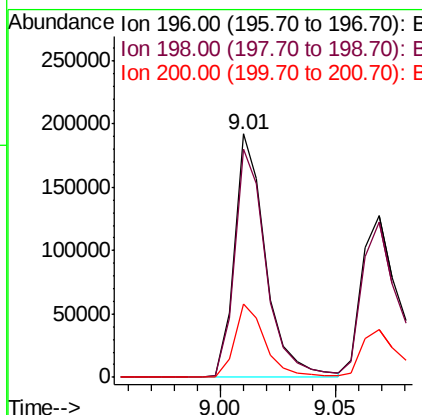
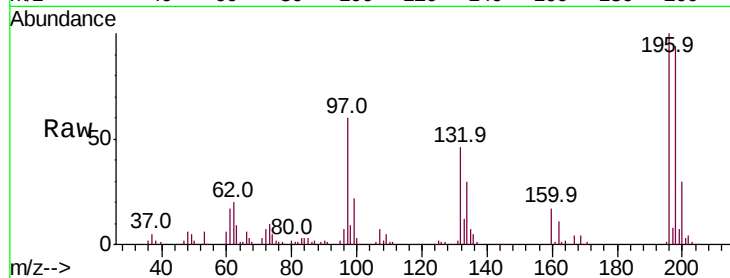




#43
 2,4,6-Trichlorophenol
 Concen: 36.705 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

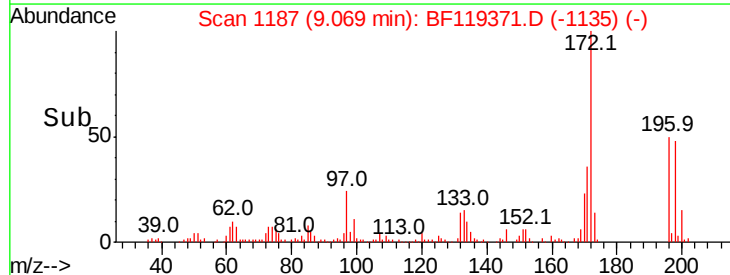
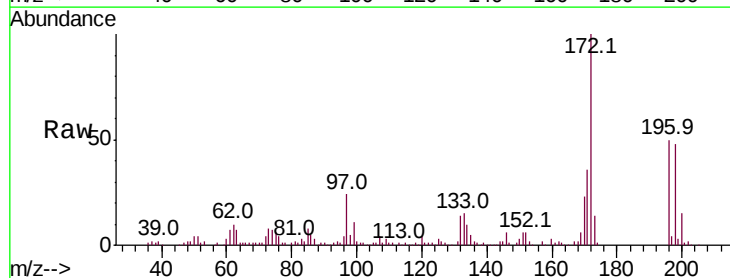
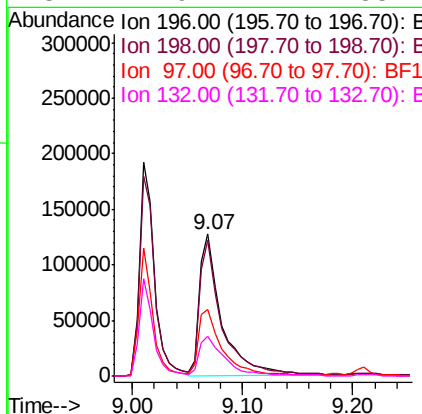
Instrument :
 BNA_F
 ClientSampleId :

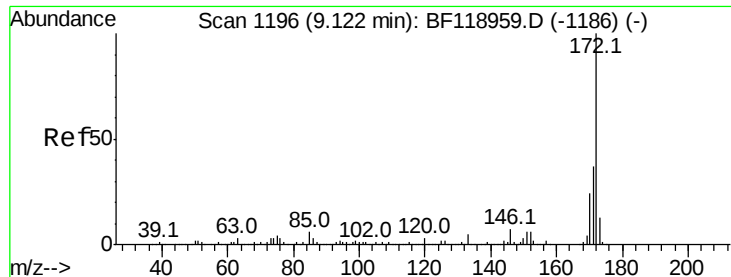
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	77.1	115.7
200	30.4	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 33.341 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.8	115.2
97	46.7	38.5	57.7
132	27.9	22.2	33.4



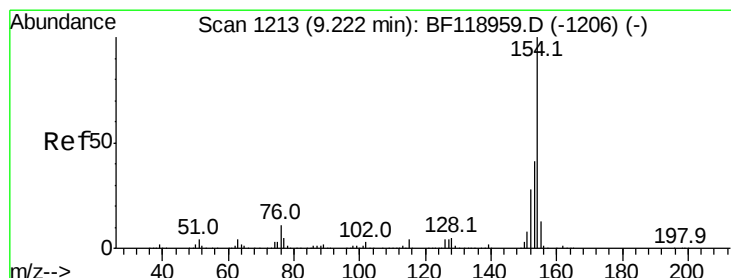
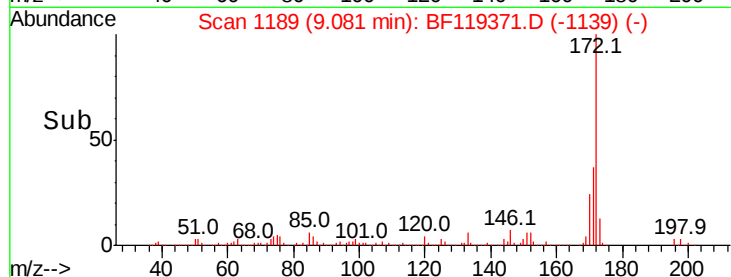
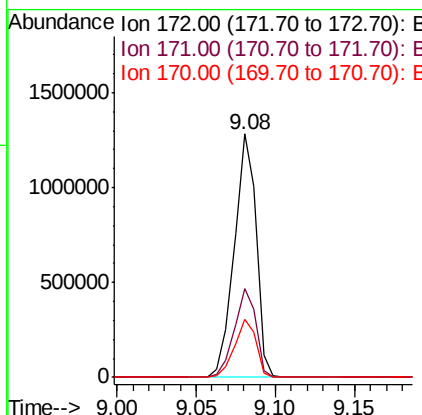
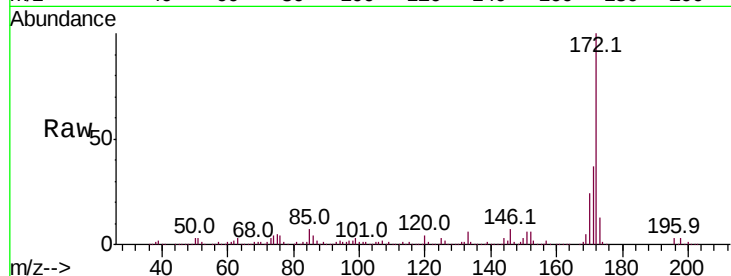


#45
 2-Fluorobiphenyl
 Concen: 77.985 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1229023

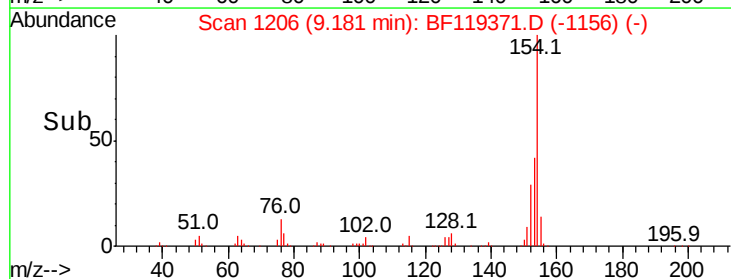
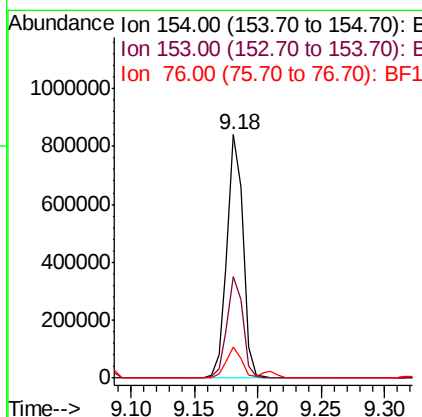
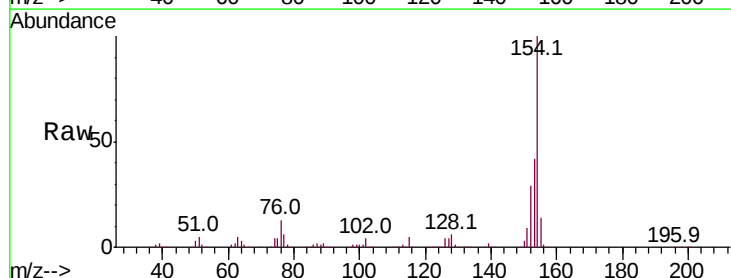
Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	24.1	20.2	30.2

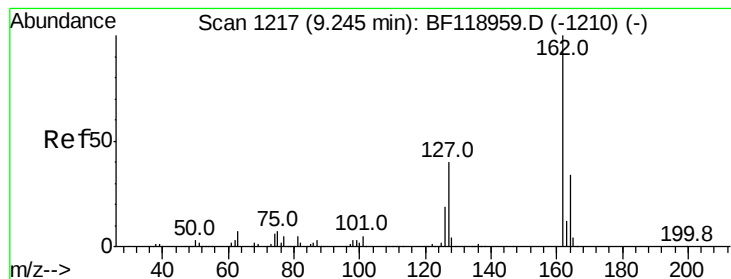


#46
 1,1'-Biphenyl
 Concen: 39.359 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion:154 Resp: 738517

Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.8	62.8
76	12.8	0.0	32.2





#47

2-Chloronaphthalene

Concen: 39.248 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

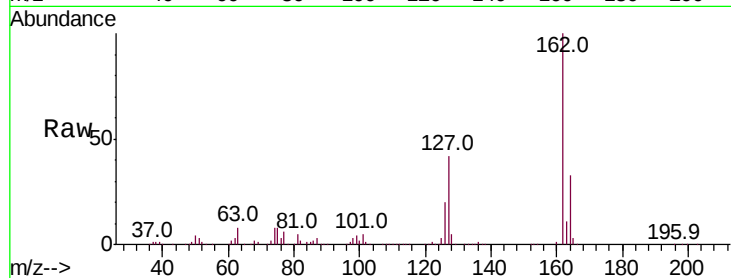
Tot Ion:162 Resp: 593465

Ion Ratio Lower Upper

162 100

127 42.2 35.0 52.4

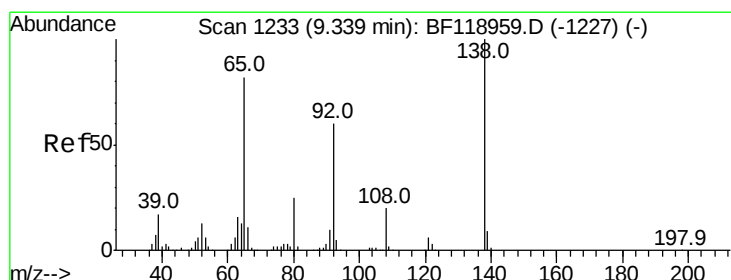
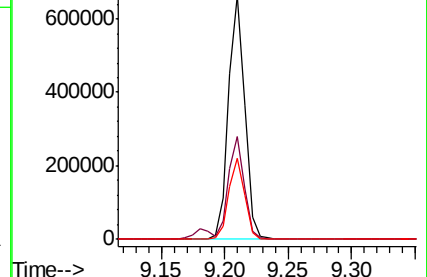
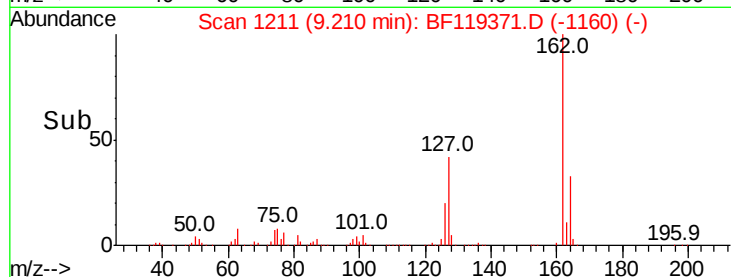
164 33.4 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.007 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

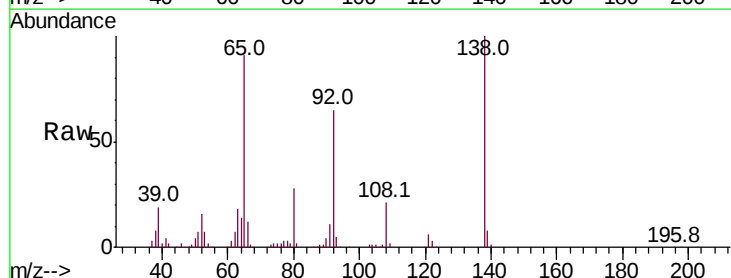
Tgt Ion: 65 Resp: 181379

Ion Ratio Lower Upper

65 100

92 71.1 58.2 87.2

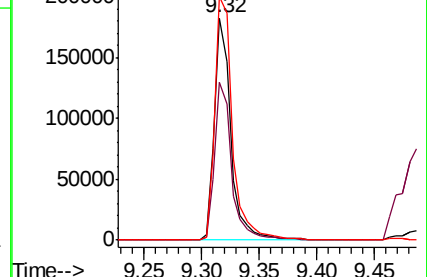
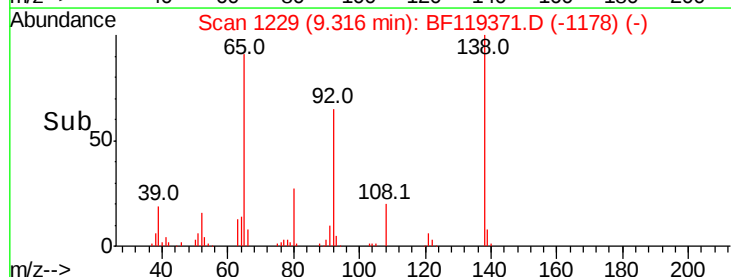
138 109.6 95.6 143.4

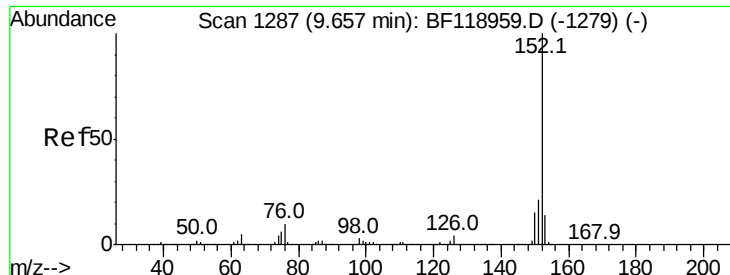


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.998 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

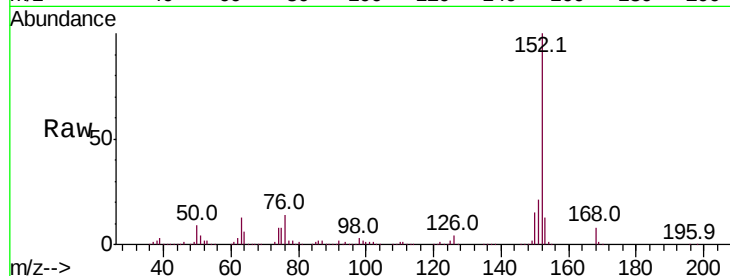
Tot Ion:152 Resp: 851686

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

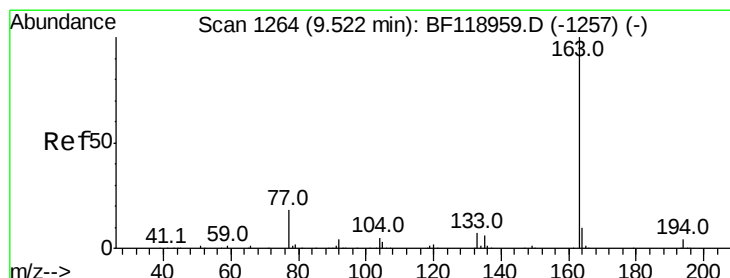
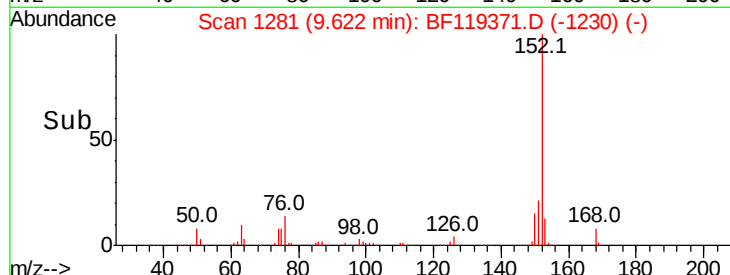
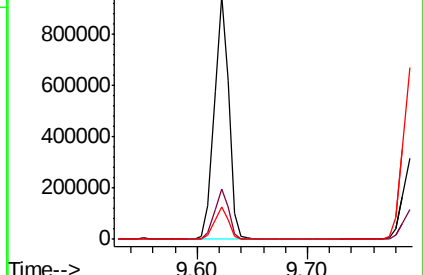
153 13.1 11.0 16.6



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: 38.842 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

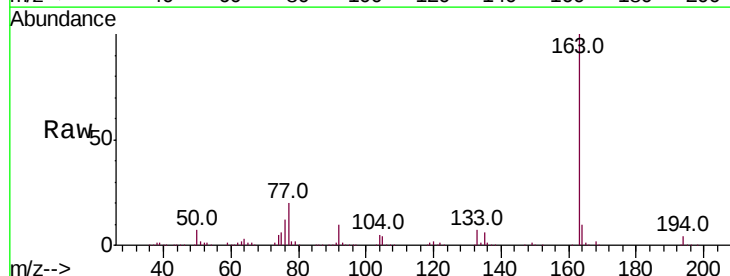
Tgt Ion:163 Resp: 689569

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

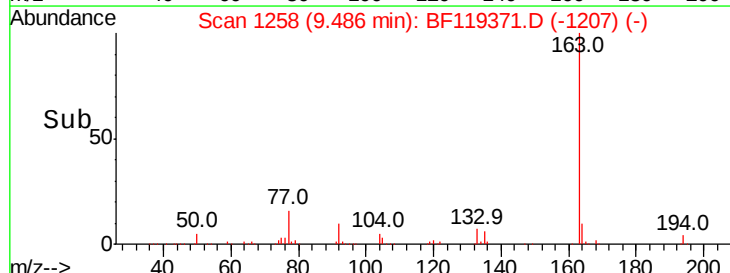
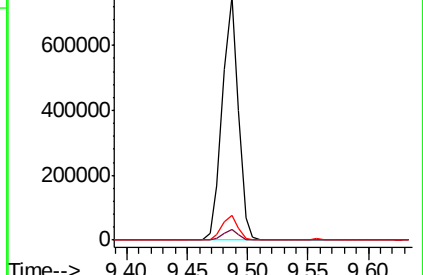
164 10.1 8.4 12.6

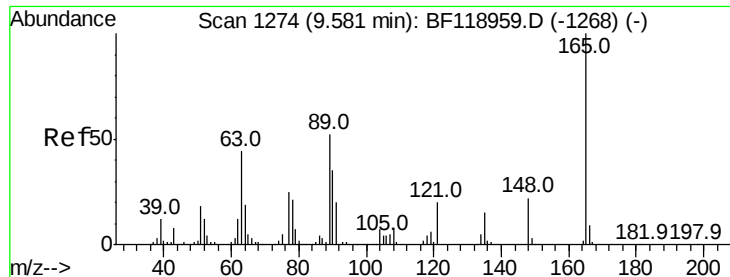


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.309 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

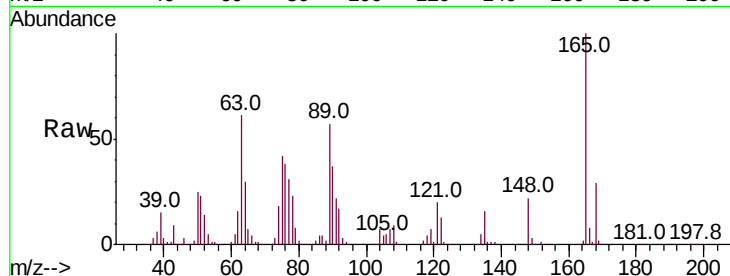
Tot Ion:165 Resp: 151101

Ion Ratio Lower Upper

165 100

63 60.6 34.3 51.5#

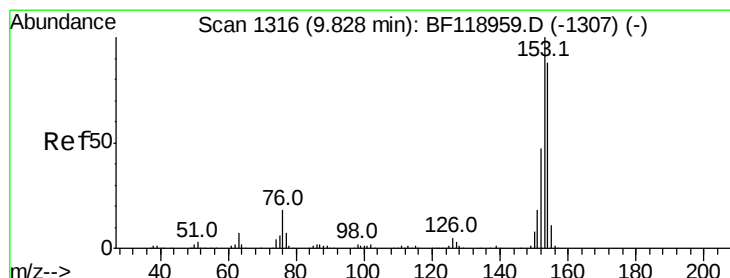
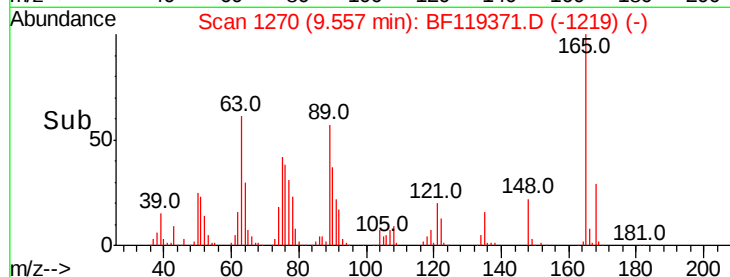
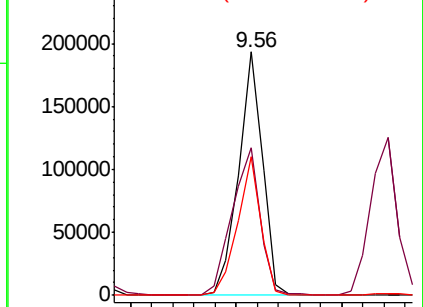
89 57.0 38.3 57.5



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: 39.987 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

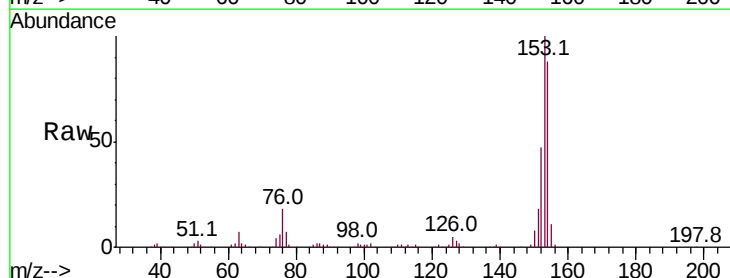
Tgt Ion:154 Resp: 526565

Ion Ratio Lower Upper

154 100

153 113.6 90.3 135.5

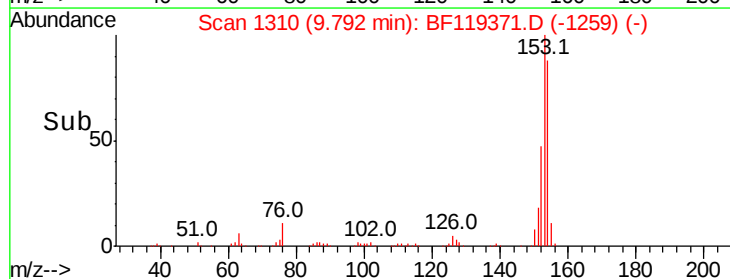
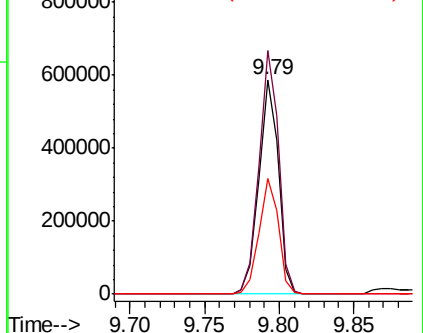
152 53.7 43.8 65.8

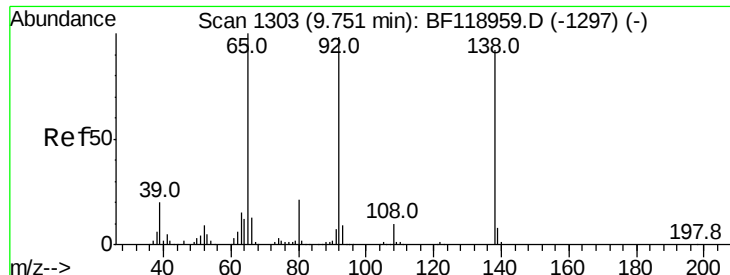


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

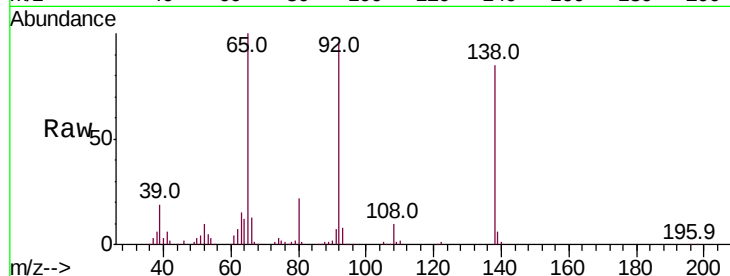




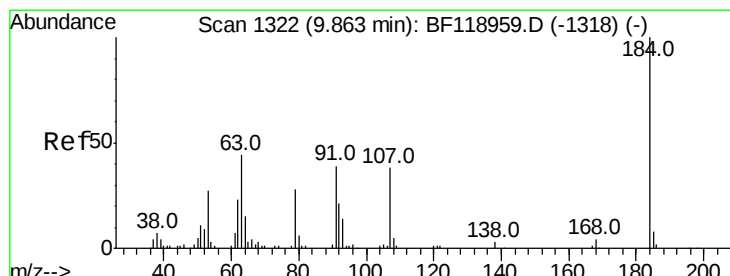
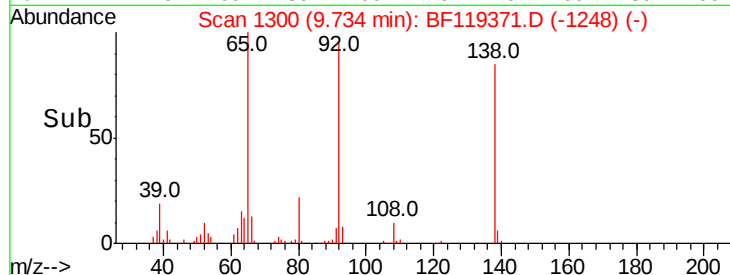
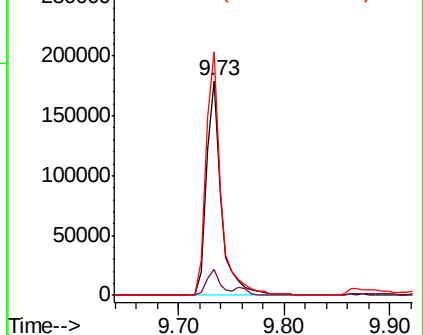
#53
3-Nitroaniline
Concen: 40.018 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 174987
Ion Ratio Lower Upper
138 100
108 11.9 8.8 13.2
92 113.4 84.8 127.2

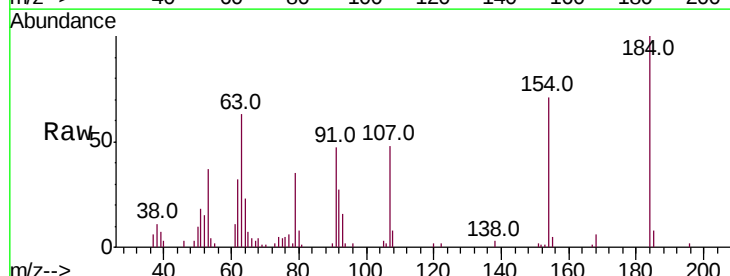


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

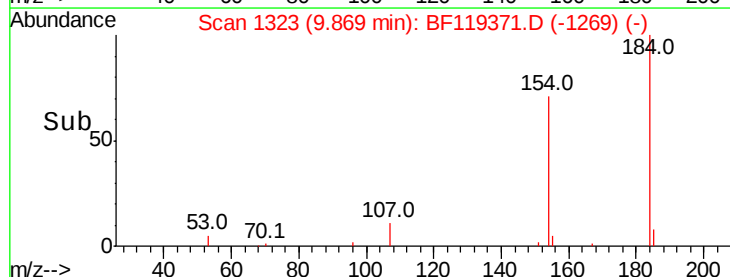
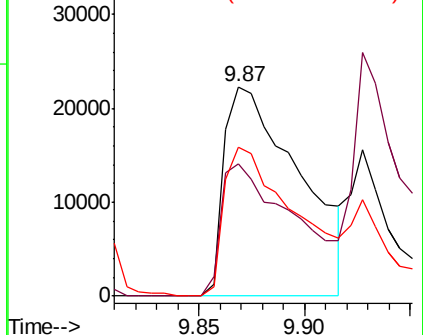


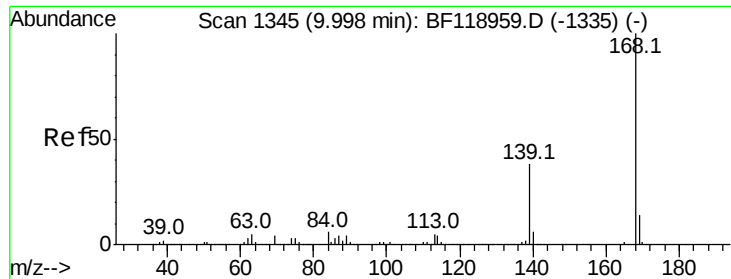
#54
2,4-Dinitrophenol
Concen: 33.409 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion:184 Resp: 54840
Ion Ratio Lower Upper
184 100
63 63.3 38.7 58.1#
154 70.9 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

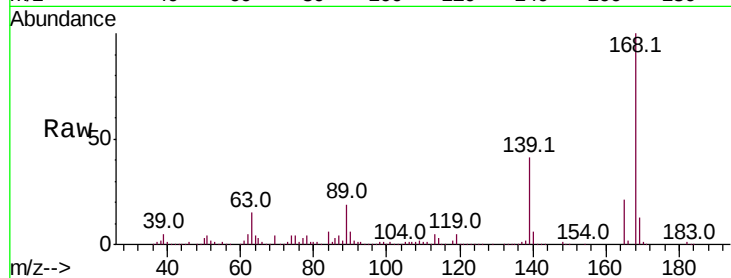




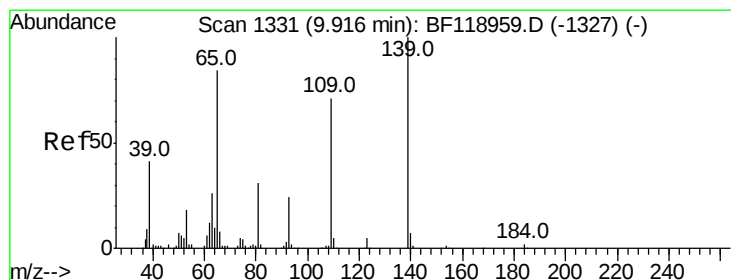
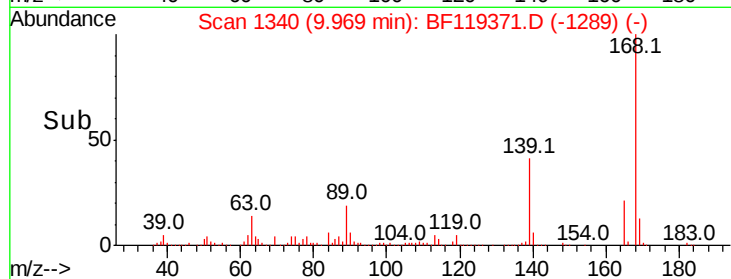
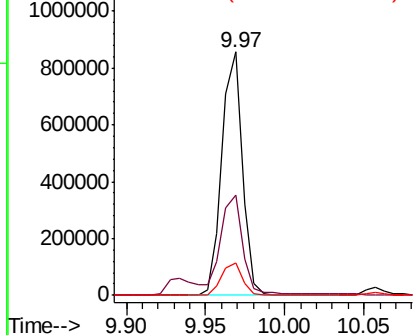
#55
Dibenzofuran
Concen: 39.092 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 768368
Ion Ratio Lower Upper
168 100
139 41.2 34.0 51.0
169 13.3 11.0 16.4

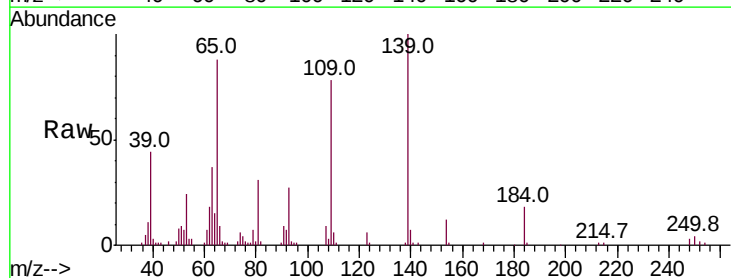


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

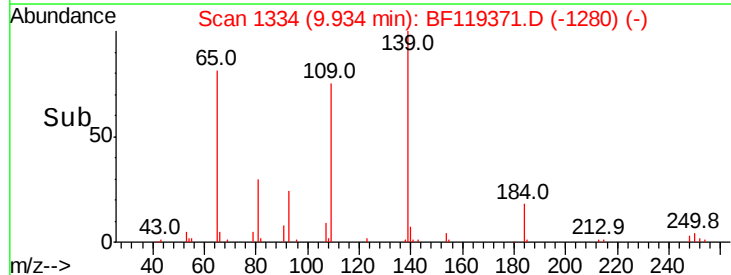
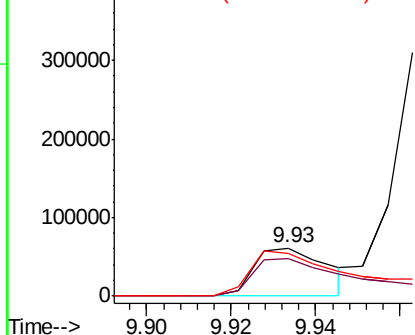


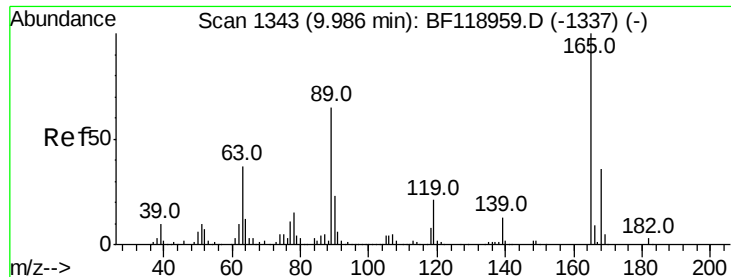
#56
4-Nitrophenol
Concen: 28.056 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion:139 Resp: 73710
Ion Ratio Lower Upper
139 100
109 77.6 56.7 96.7
65 87.5 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

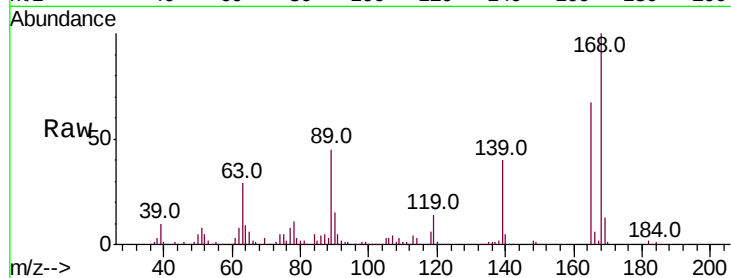




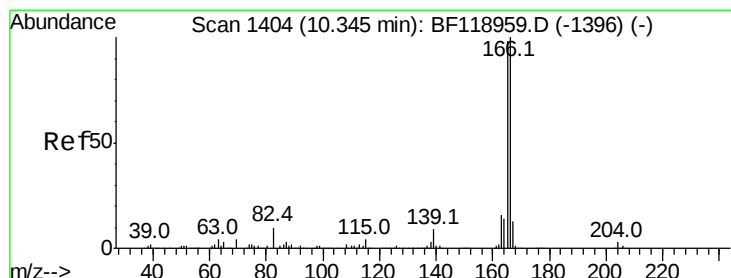
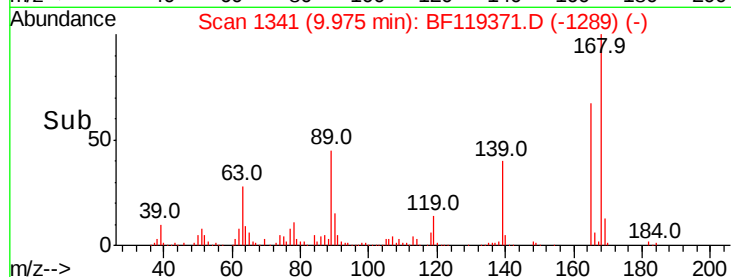
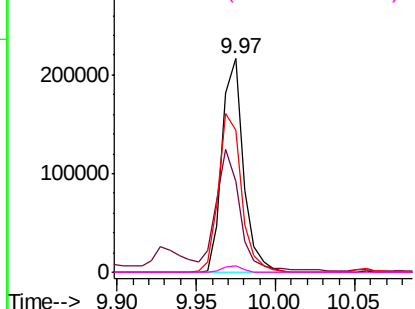
#57
2,4-Dinitrotoluene
Concen: 39.515 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	202022
Ion	Ratio	Lower	Upper
165	100		
63	42.5	42.3	63.5
89	66.4	60.2	90.4
182	3.0	2.3	3.5

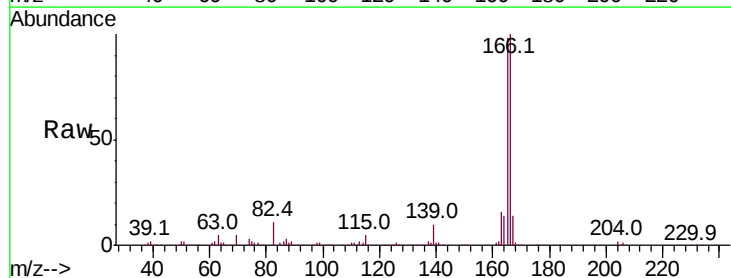


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

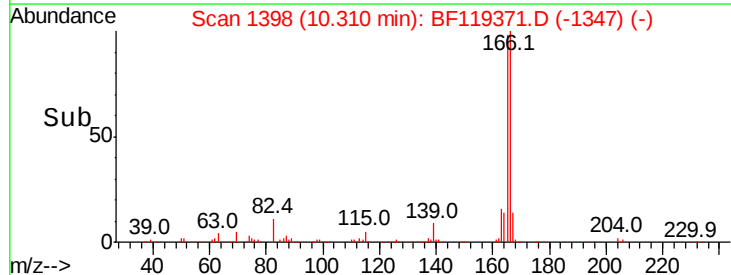
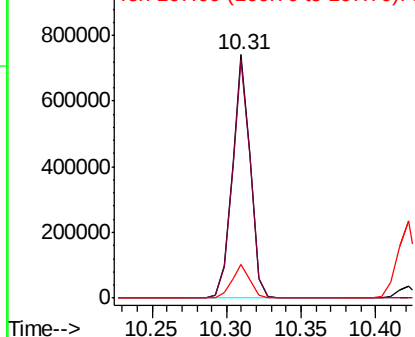


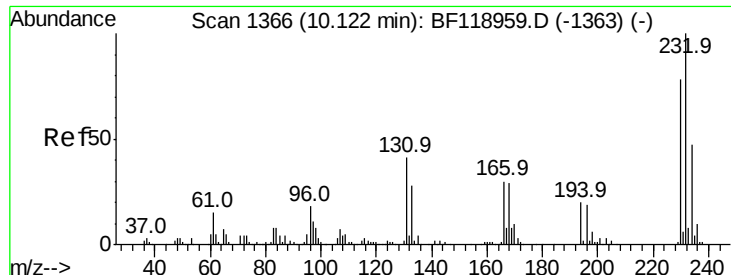
#58
Fluorene
Concen: 40.934 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion:	166	Resp:	625190
Ion	Ratio	Lower	Upper
166	100		
165	97.7	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

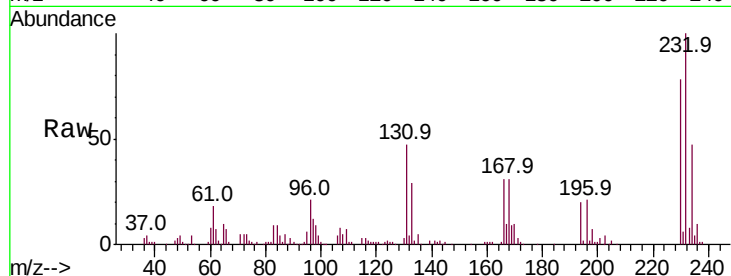




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.136 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	33.8	50.8
130	2.4	1.8	2.6
166	27.7	23.0	34.4



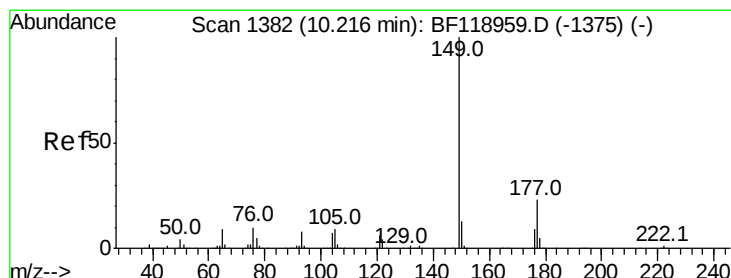
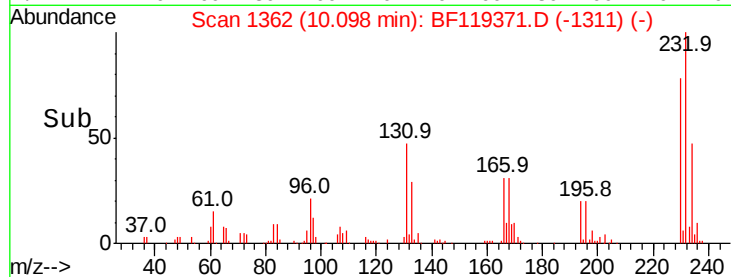
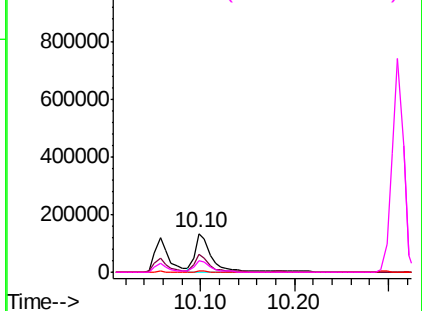
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

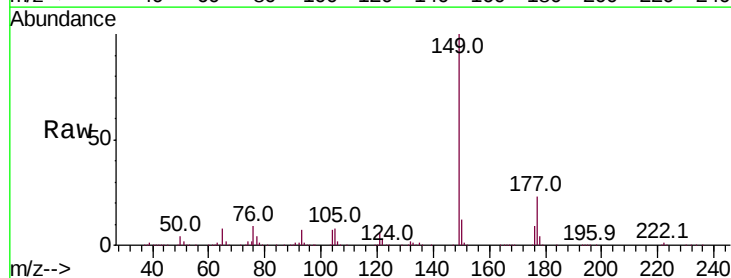
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.953 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.2	27.2
150	12.4	10.5	15.7

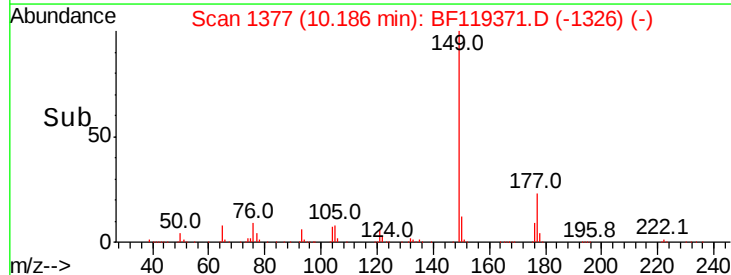
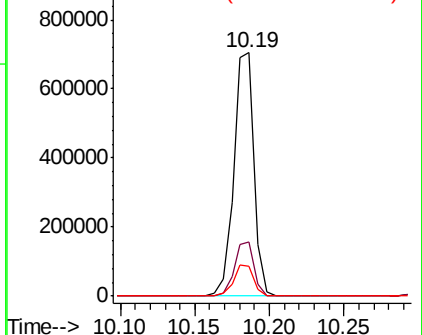


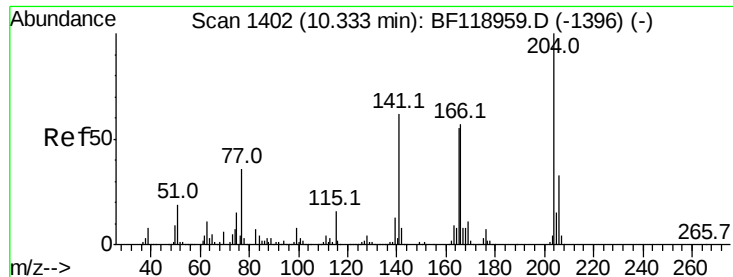
Abundance

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

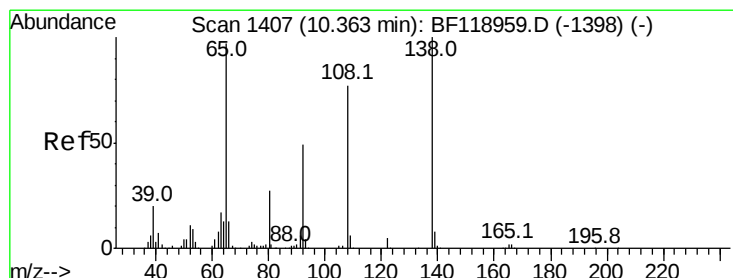
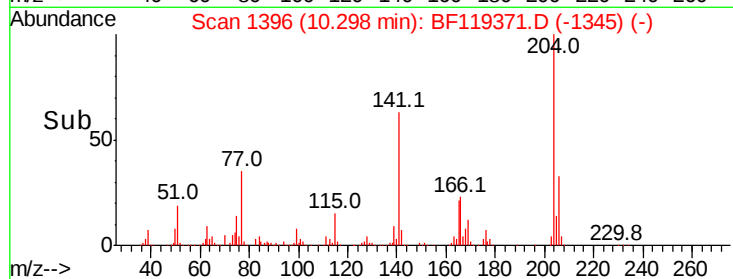
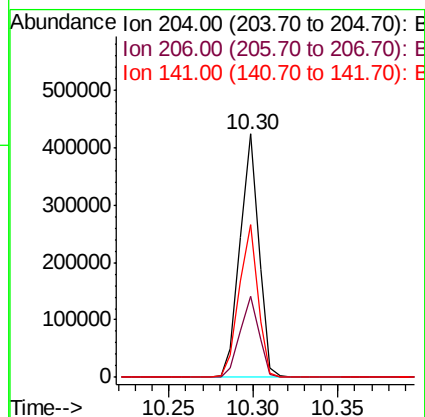
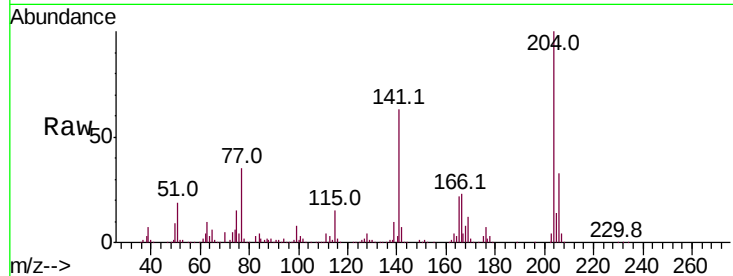




#61
4-Chlorophenyl-phenylether
Concen: 40.611 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

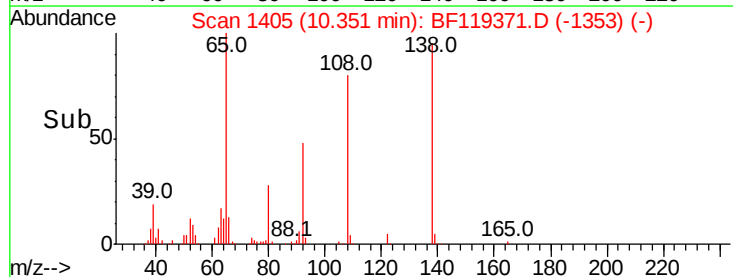
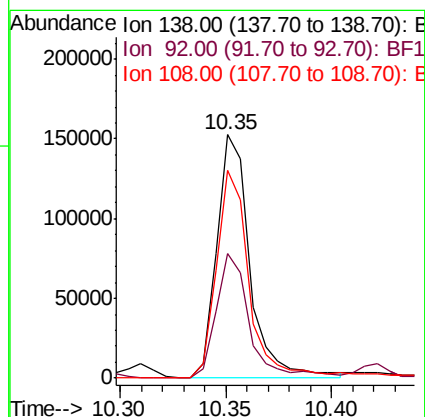
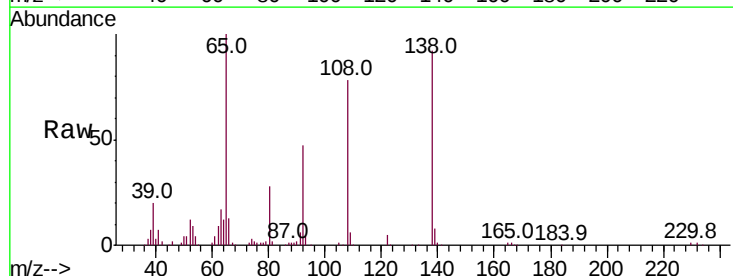
Instrument :
BNA_F
ClientSampleId :

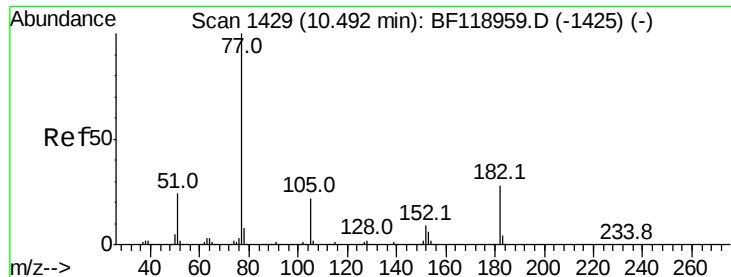
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.1	40.7
141	62.7	52.9	79.3



#62
4-Nitroaniline
Concen: 37.519 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	27.3	67.3
108	85.1	57.0	97.0

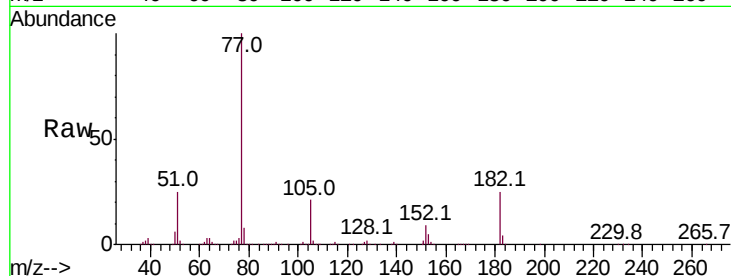




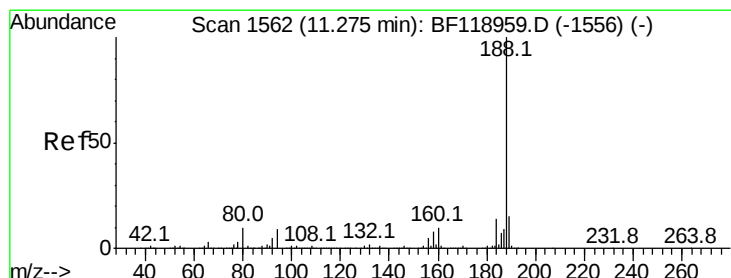
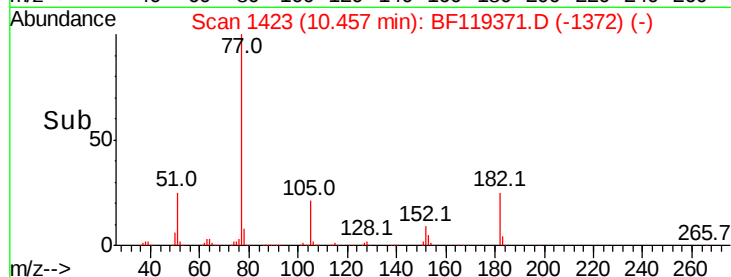
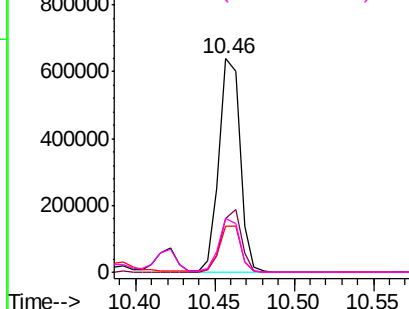
#63
Azobenzene
Concen: 40.916 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	595011
Ion	Ratio	Lower	Upper
77	100		
182	25.0	11.4	51.4
105	21.3	3.4	43.4
51	25.1	5.1	45.1

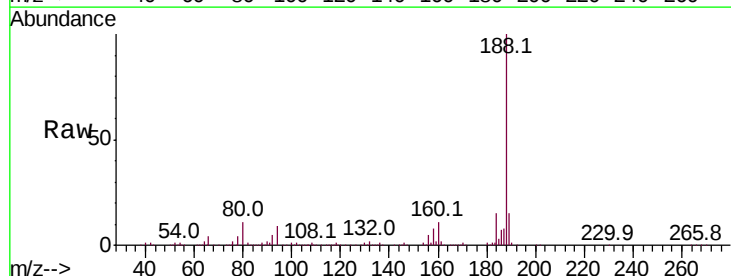


Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

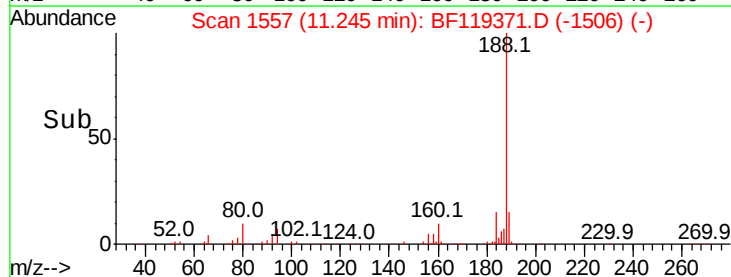
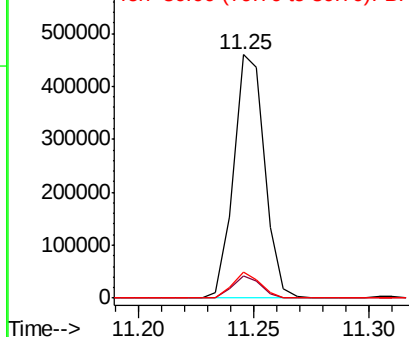


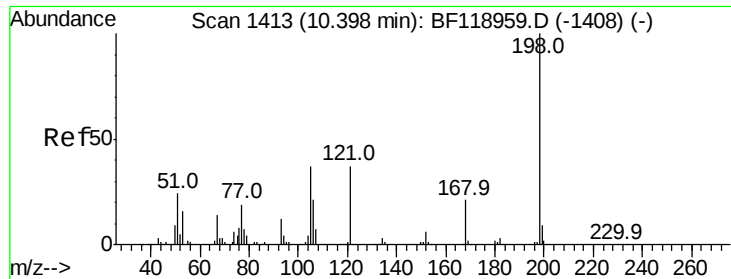
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion:	188	Resp:	430137
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	10.6	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E
600000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

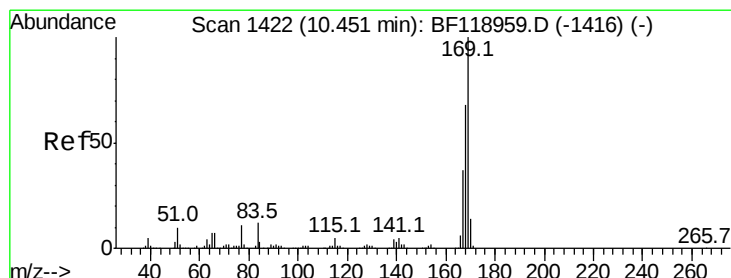
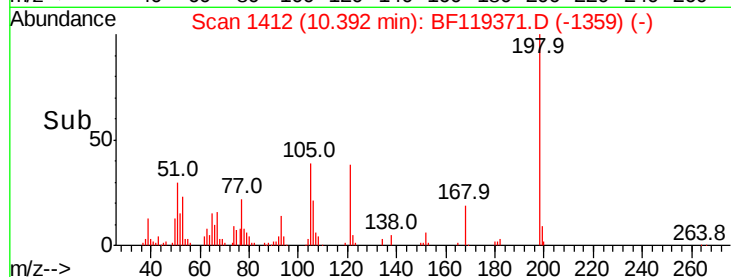
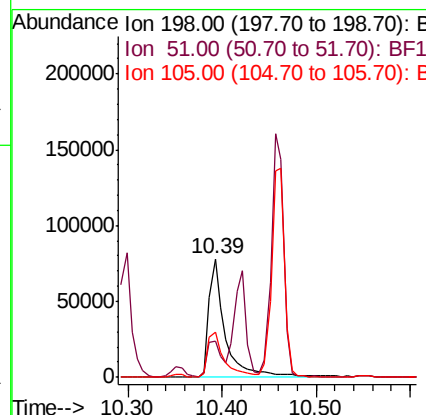
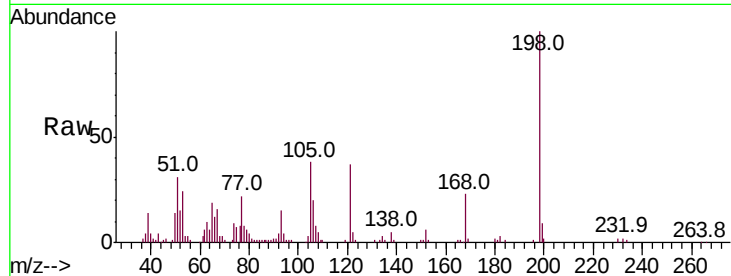




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.834 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

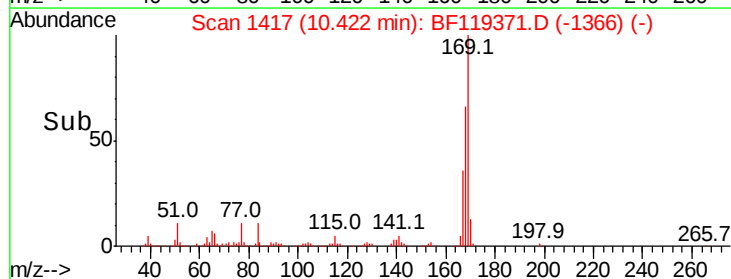
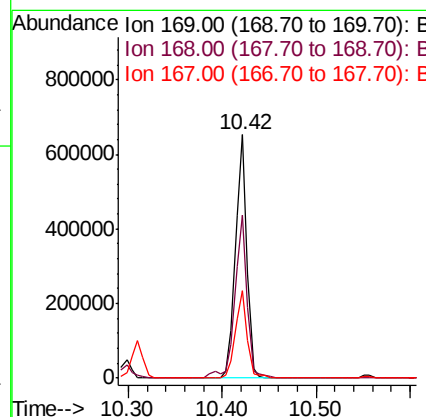
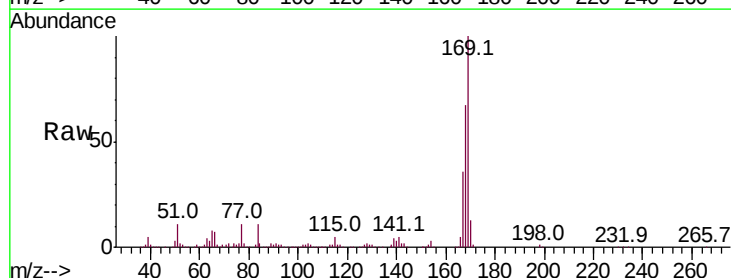
Instrument :
 BNA_F
 ClientSampleId :

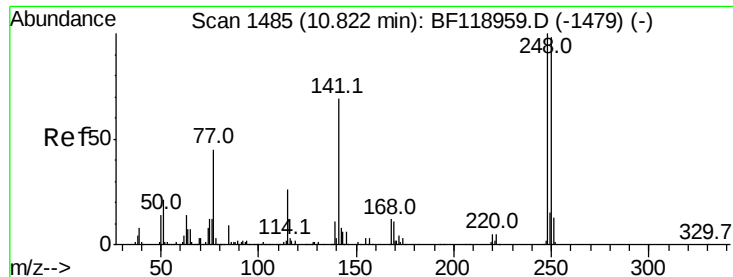
Tot Ion:198 Resp: 95871
 Ion Ratio Lower Upper
 198 100
 51 30.6 14.2 54.2
 105 38.2 22.7 62.7



#66
 n-Nitrosodiphenylamine
 Concen: 39.136 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion:169 Resp: 551202
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.1 81.1
 167 35.7 29.4 44.0

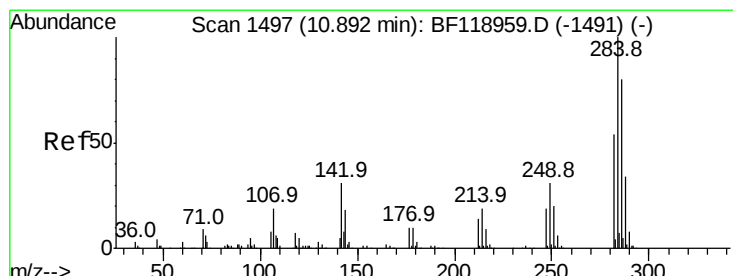
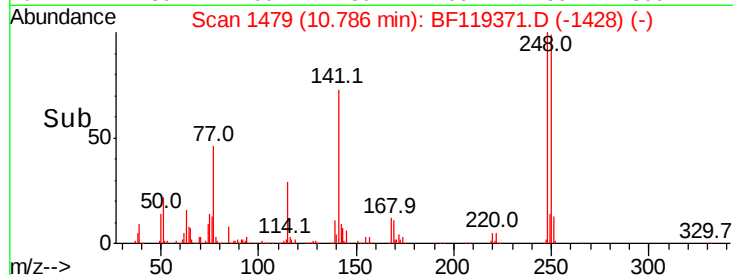
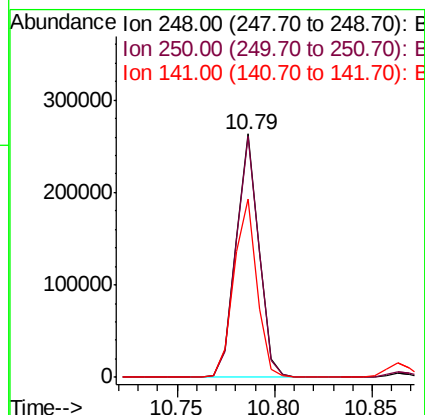
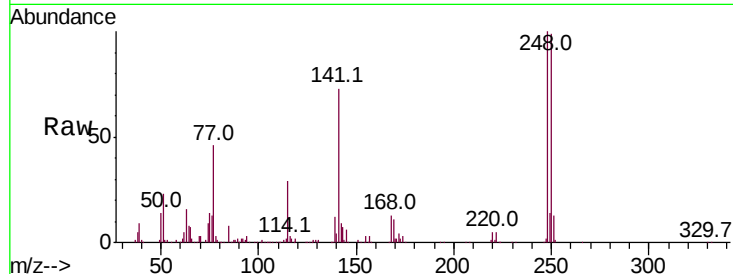




#67
4-Bromophenyl-phenylether
Concen: 37.990 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

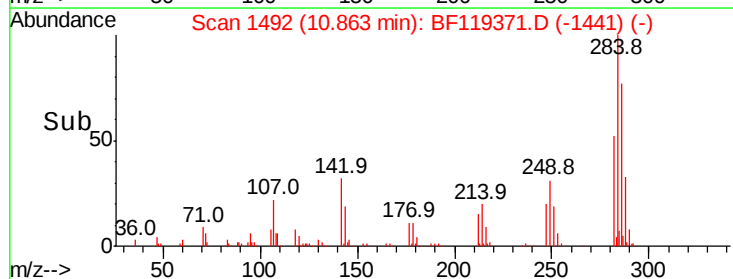
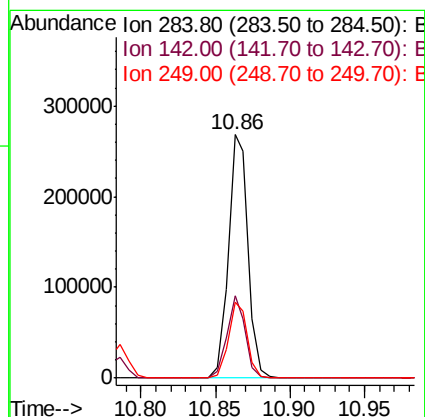
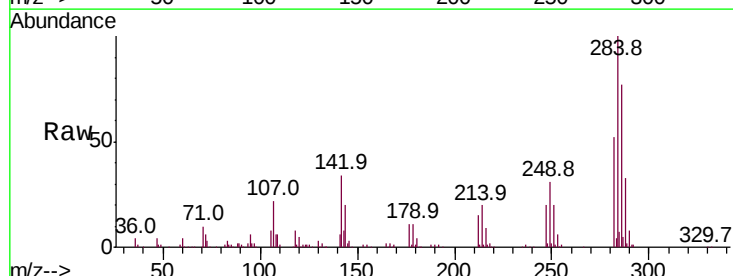
Instrument :
BNA_F
ClientSampleId :

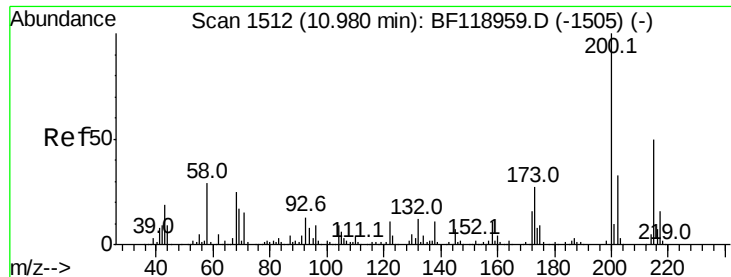
Tot Ion:248 Resp: 213594
Ion Ratio Lower Upper
248 100
250 98.9 76.7 115.1
141 73.1 60.7 91.1



#68
Hexachlorobenzene
Concen: 38.546 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion:284 Resp: 249868
Ion Ratio Lower Upper
284 100
142 33.8 23.7 35.5
249 31.5 25.0 37.6

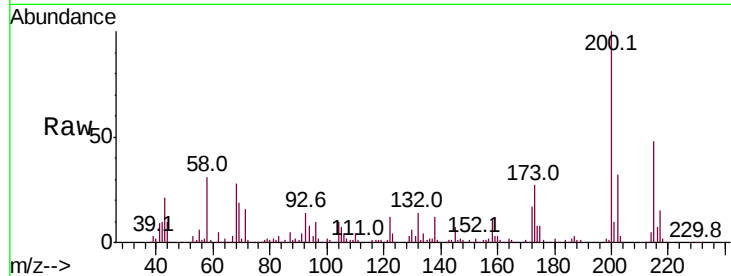




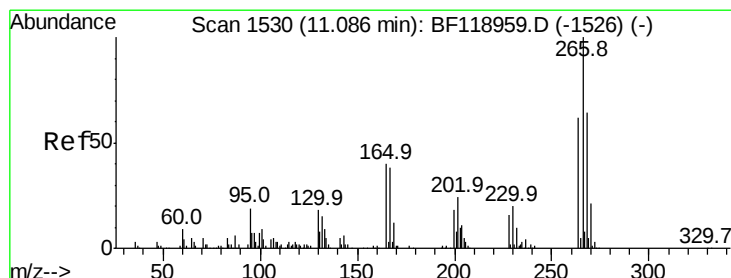
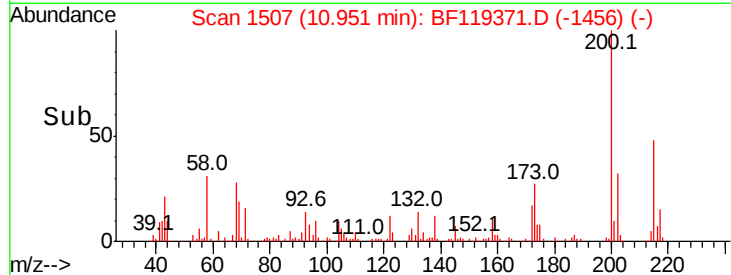
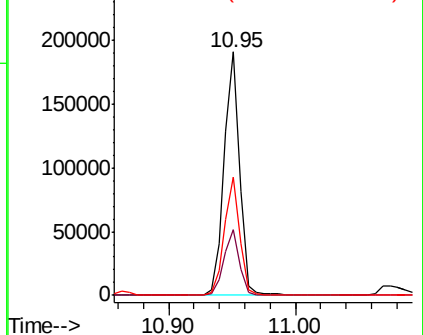
#69
Atrazine
Concen: 33.247 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.4	46.4
215	48.5	27.4	67.4

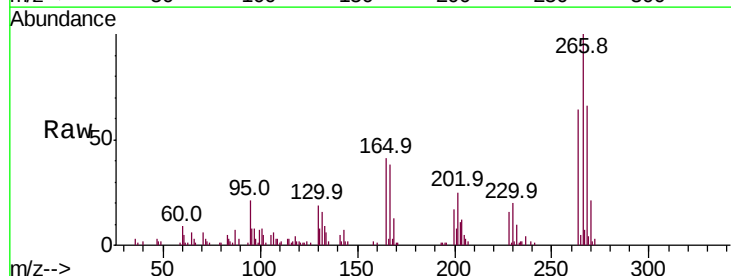


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

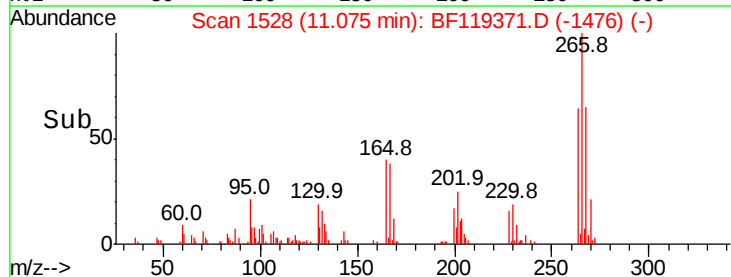
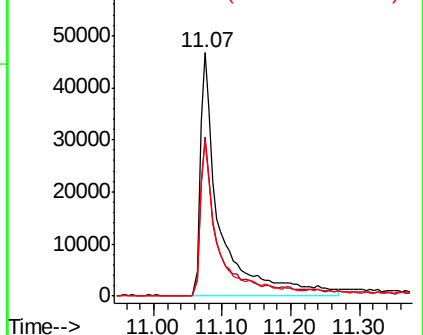


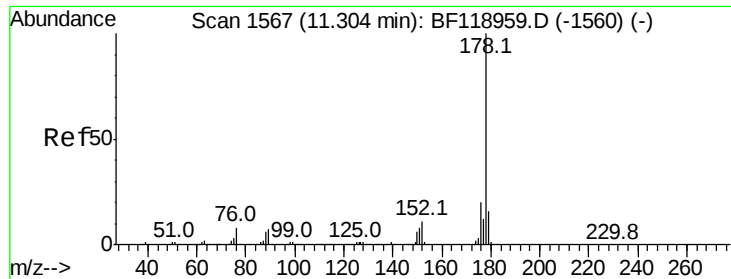
#70
Pentachlorophenol
Concen: 35.847 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.9	77.9
264	63.6	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

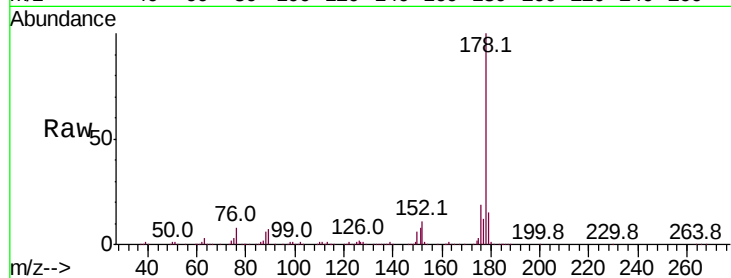




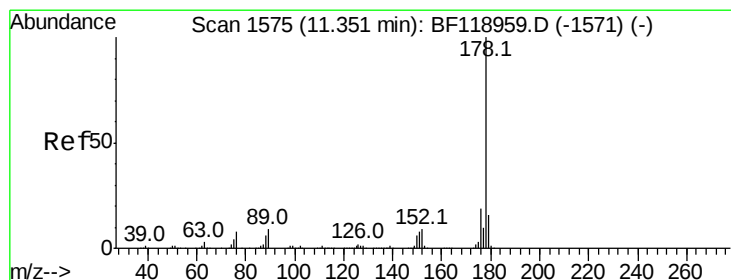
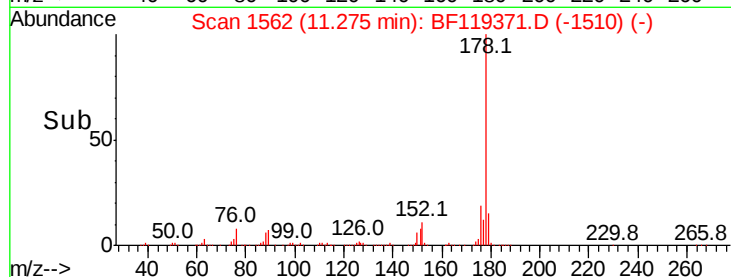
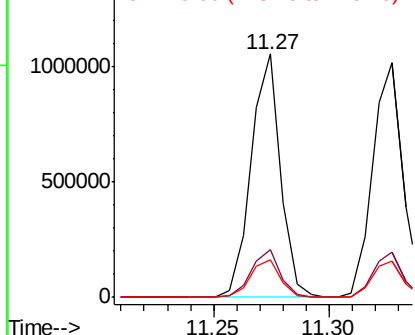
#71
Phenanthrene
Concen: 39.912 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 936244
Ion Ratio Lower Upper
178 100
176 19.5 16.5 24.7
179 15.4 13.0 19.6

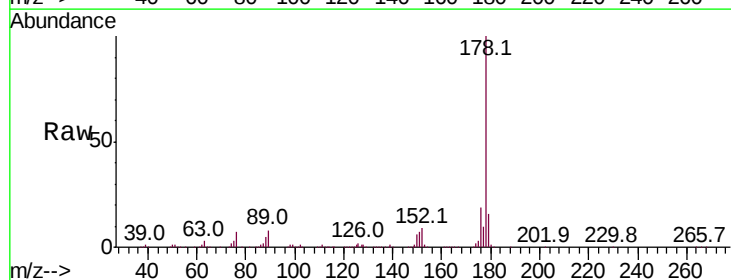


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

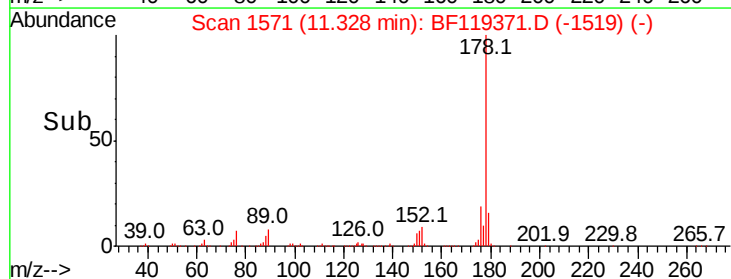
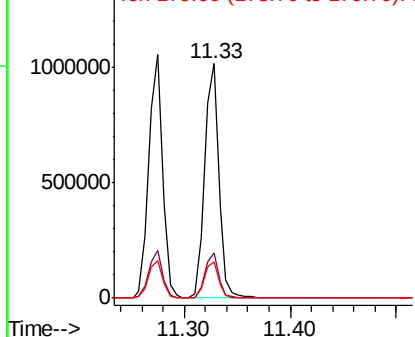


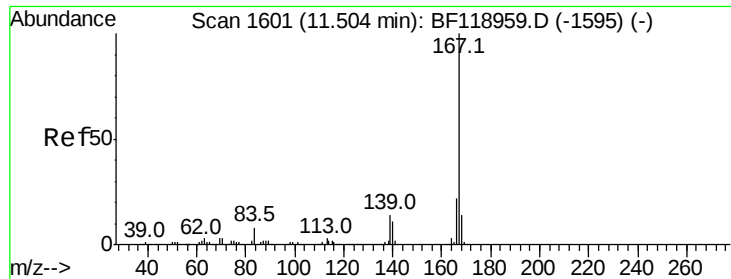
#72
Anthracene
Concen: 40.166 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion:178 Resp: 941420
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.6 13.1 19.7



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

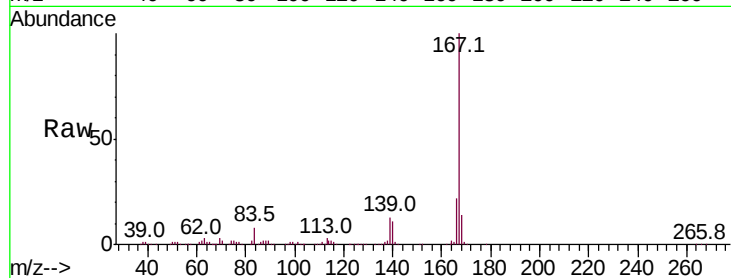




#73
 Carbazole
 Concen: 41.125 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.4	11.7	17.5

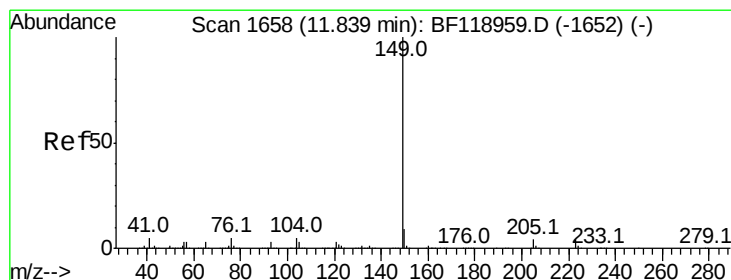
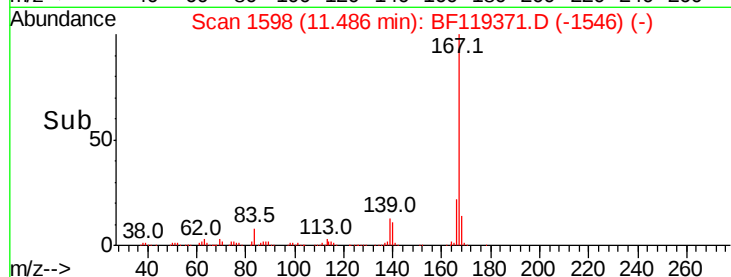
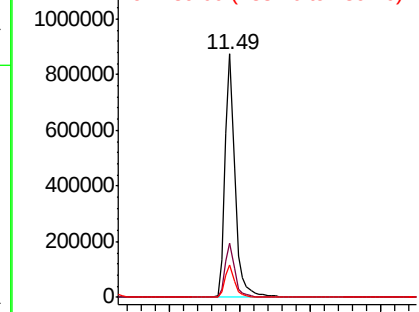


Abundance

Ion 167.00 (166.70 to 167.70): E

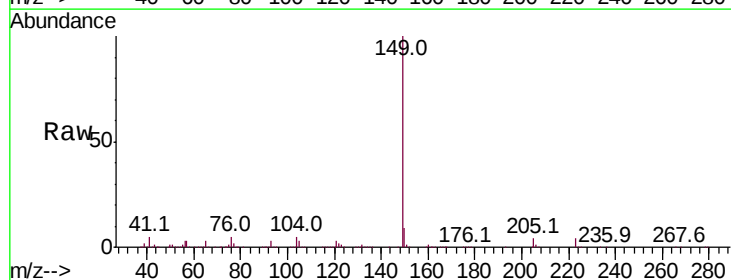
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 39.773 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.3	4.6	6.8

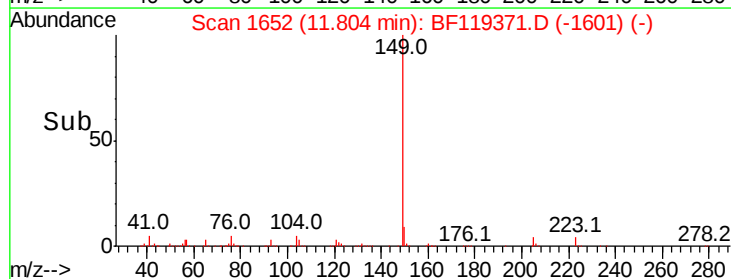
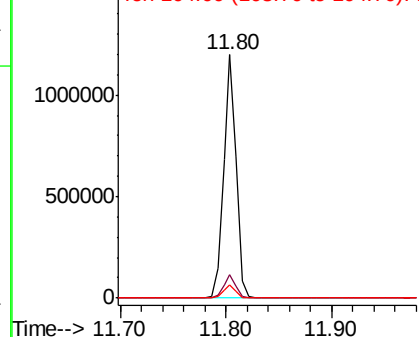


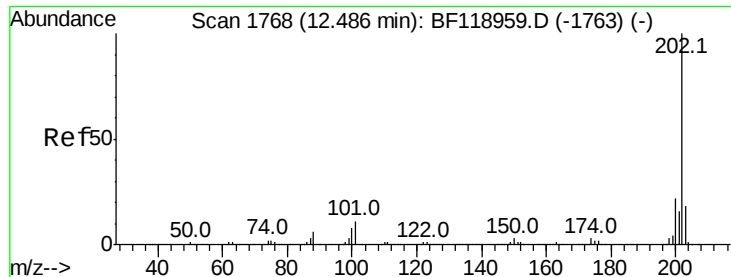
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

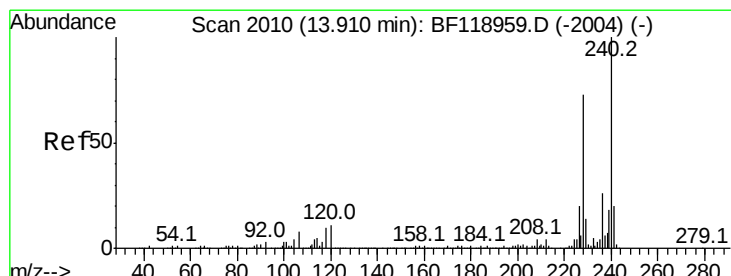
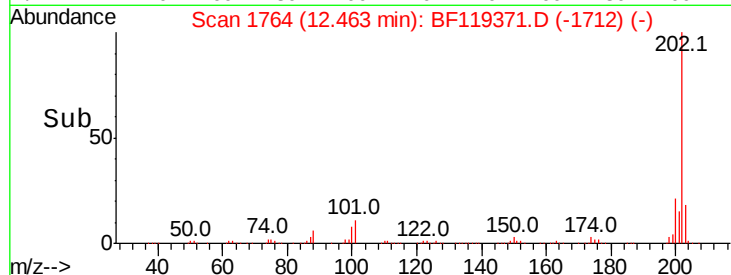
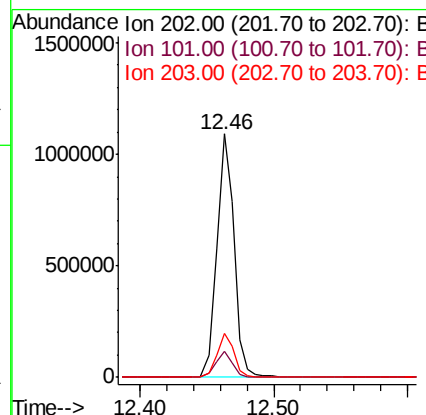
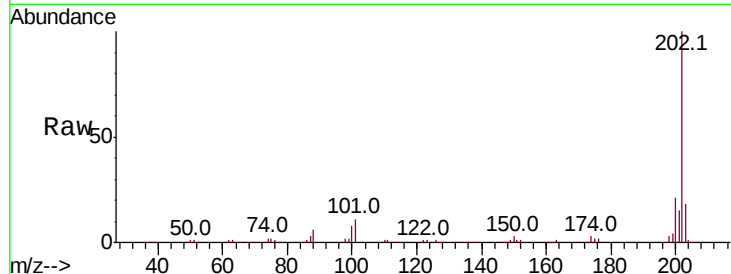




#75
 Fluoranthene
 Concen: 39.806 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

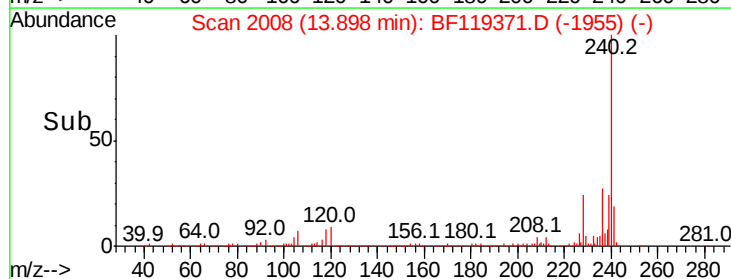
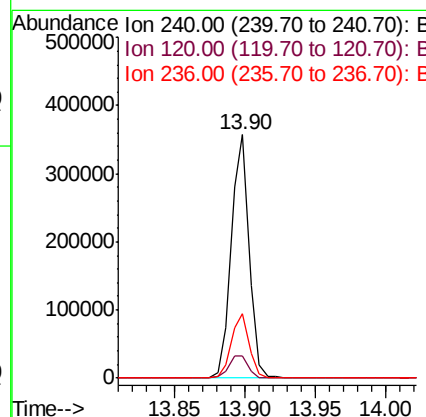
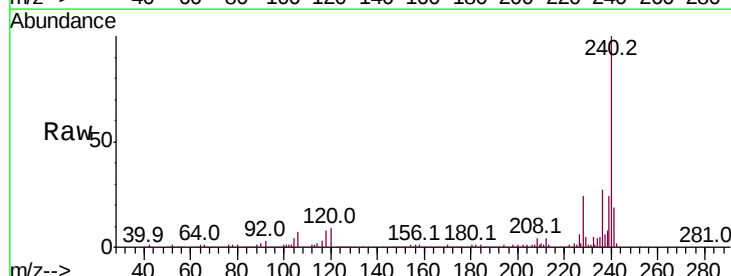
Instrument :
 BNA_F
 ClientSampled :

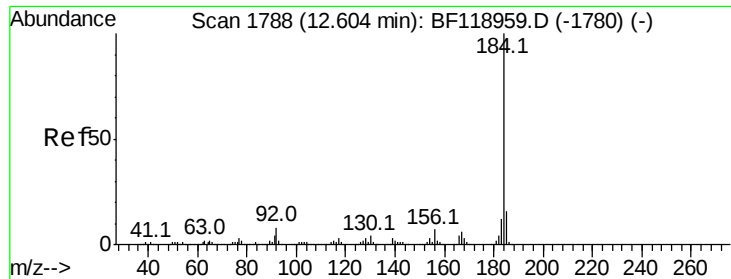
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
203	18.2	0.0	38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.4	12.6
236	26.7	21.0	31.4

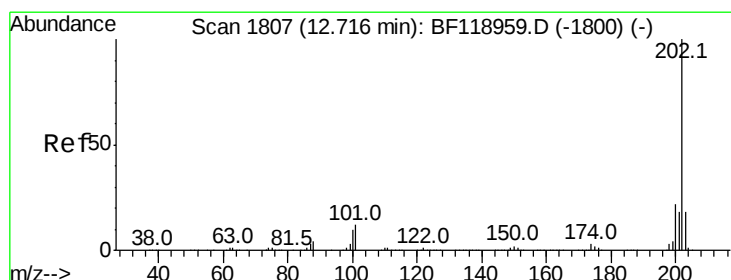
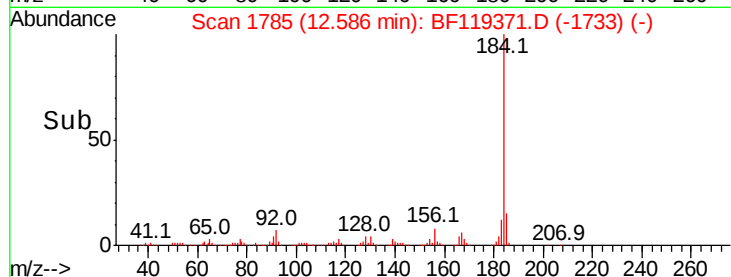
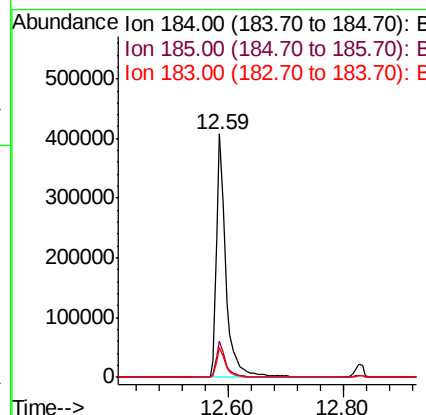
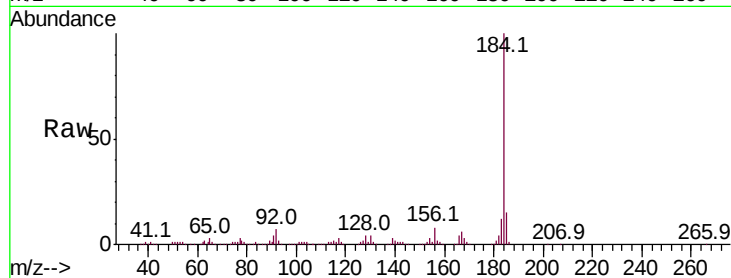




#77
Benzidine
Concen: 37.109 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

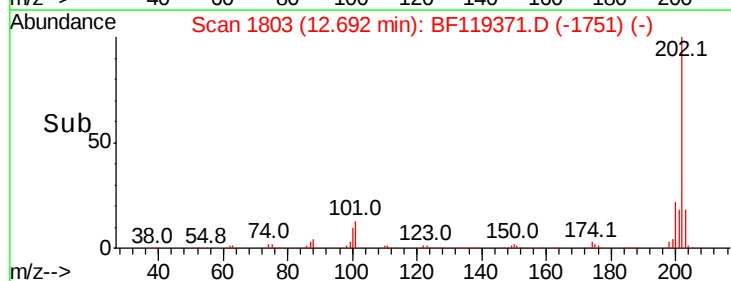
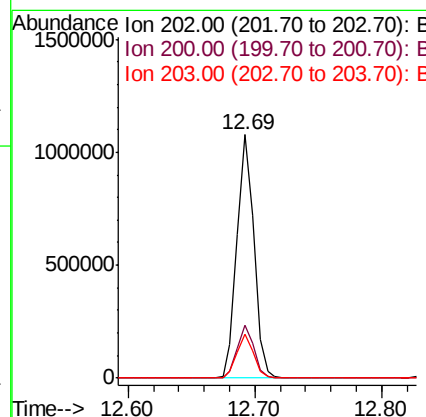
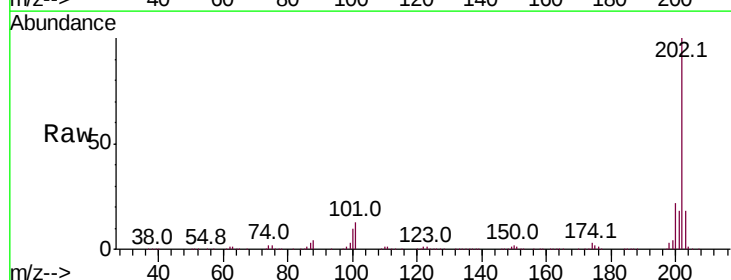
Instrument :
BNA_F
ClientSampled :

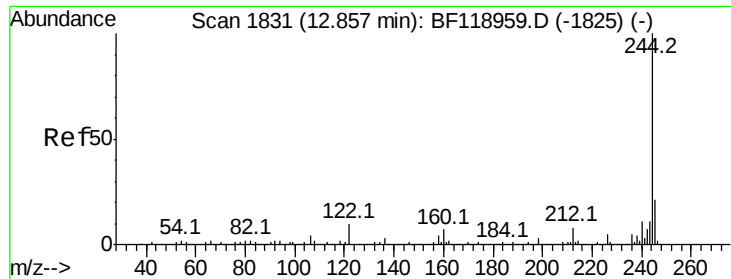
Tot Ion:184 Resp: 471527
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.4
183 12.0 9.9 14.9



#78
Pyrene
Concen: 39.795 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion:202 Resp: 998404
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 17.9 14.6 22.0





#79

Terphenyl-d14

Concen: 81.678 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

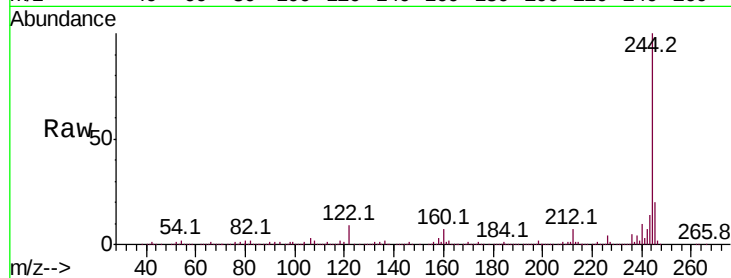
Tot Ion:244 Resp: 1482244

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

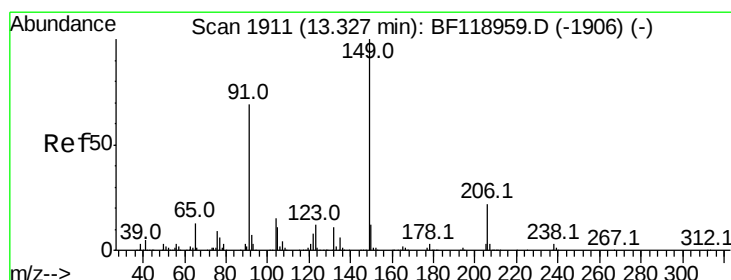
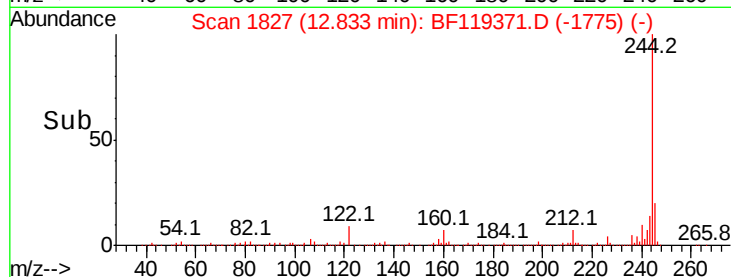
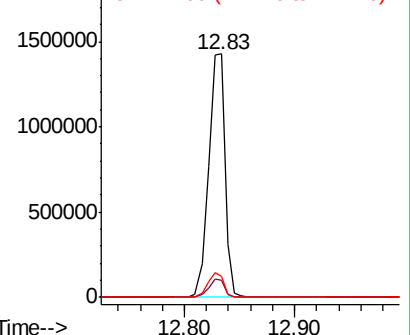
122 8.5 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.442 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

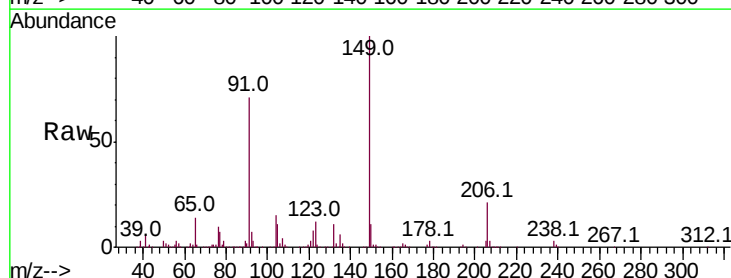
Tgt Ion:149 Resp: 416470

Ion Ratio Lower Upper

149 100

91 71.0 52.3 78.5

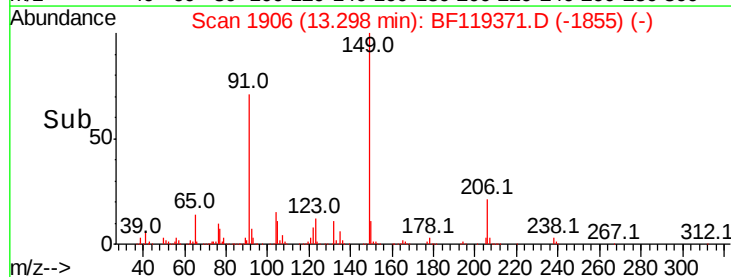
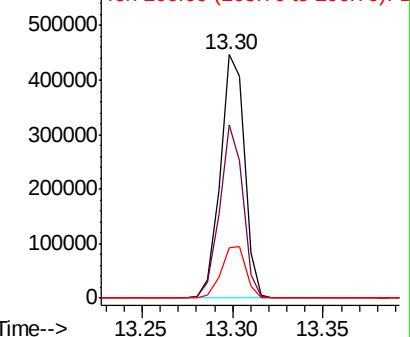
206 20.9 18.5 27.7

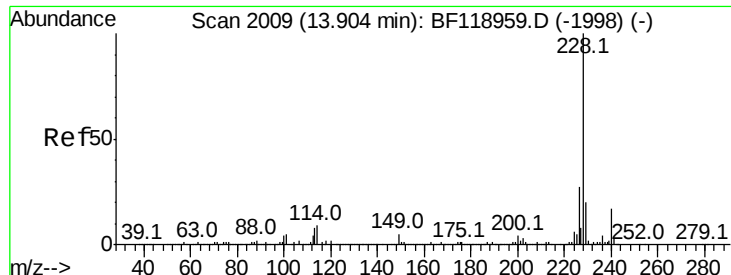


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.780 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

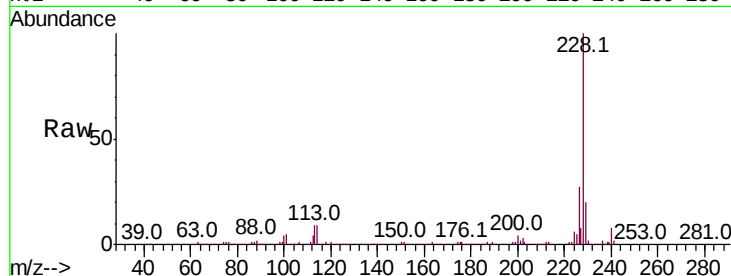
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 868142

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.2	16.6	24.8

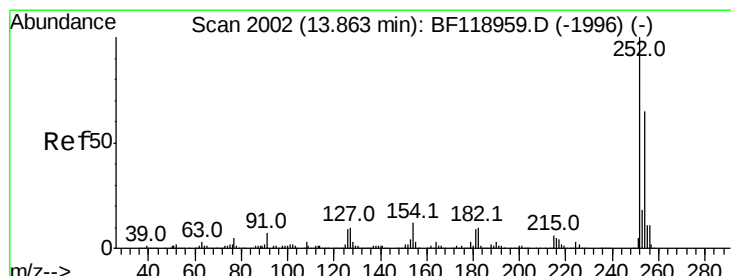
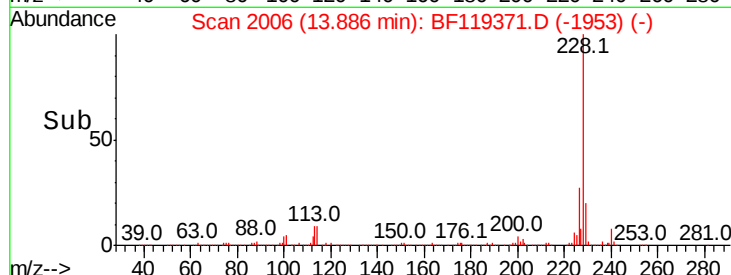
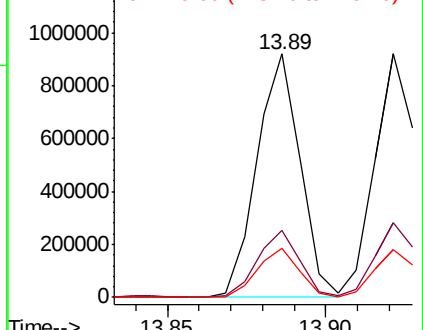


Abundance

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: 39.633 ng

RT: 13.85 min Scan# 1999

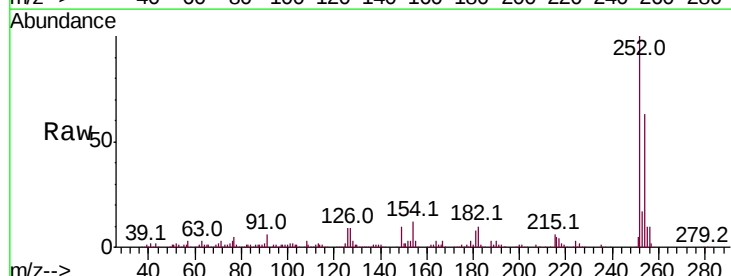
Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Tgt Ion:252 Resp: 327623

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.6	77.4
126	9.1	7.4	11.0

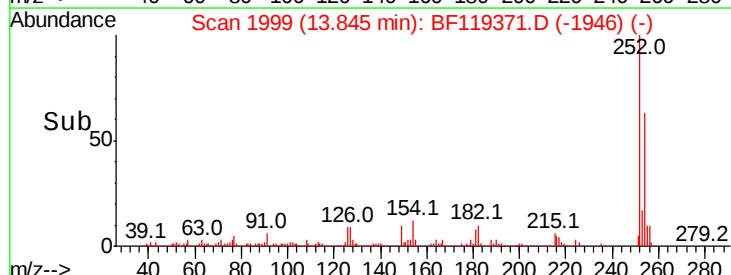
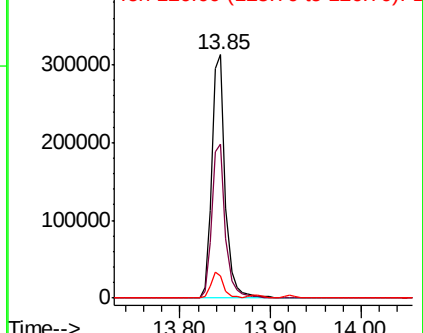


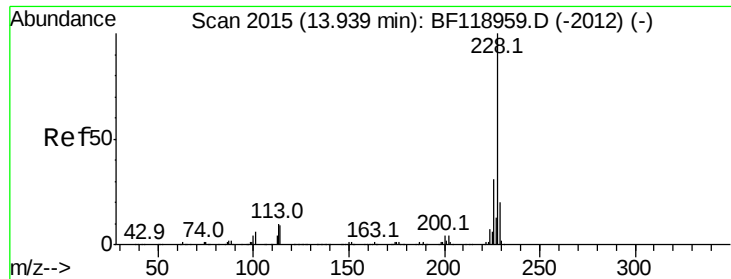
Abundance

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

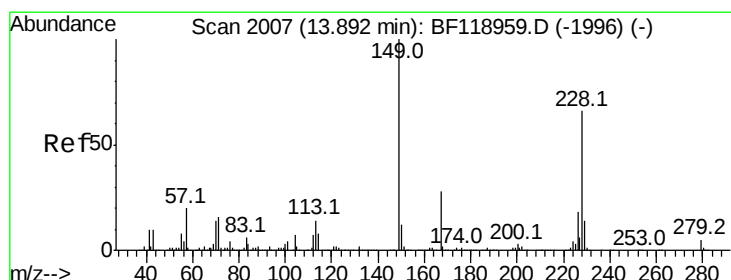
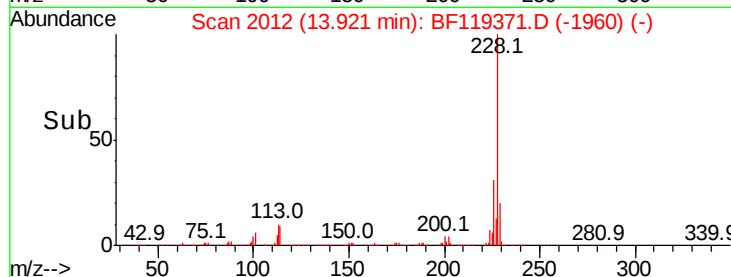
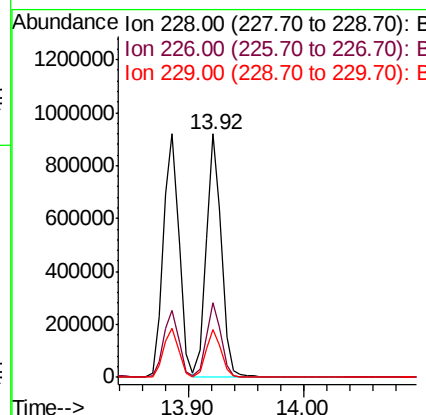
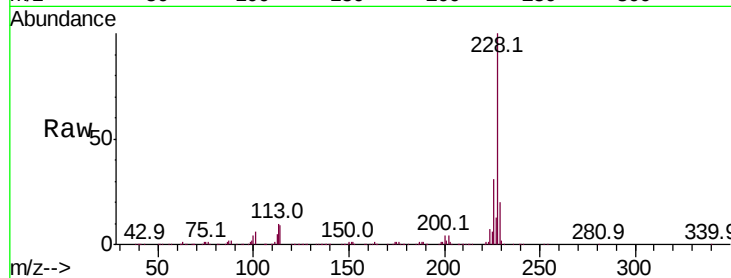




#83
 Chrysene
 Concen: 39.937 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

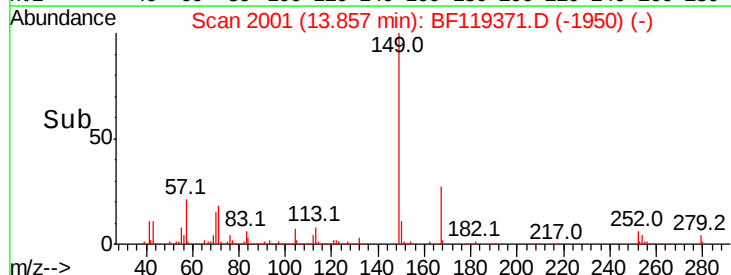
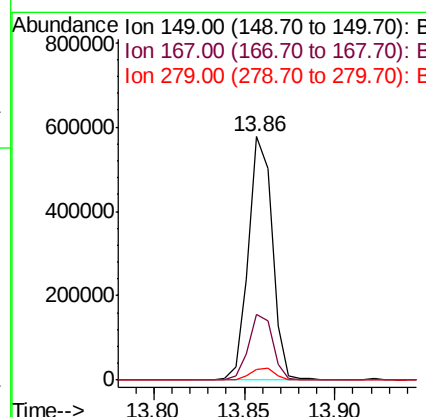
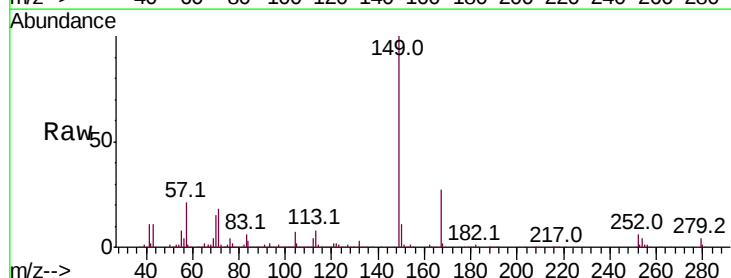
Instrument :
 BNA_F
 ClientSampleId :

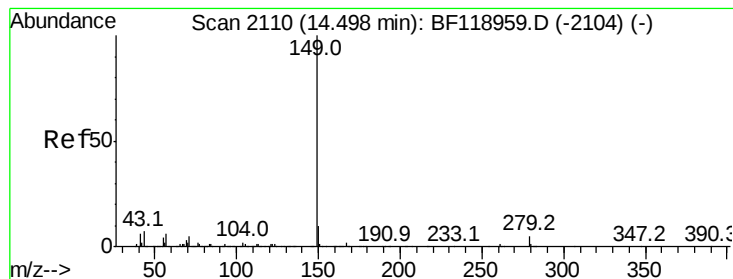
Tot Ion:228 Resp: 847145
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.1 37.7
 229 19.8 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.812 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion:149 Resp: 531083
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.8 34.2
 279 4.4 4.6 6.8#





#85

Di-n-octyl phthalate

Concen: 37.864 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

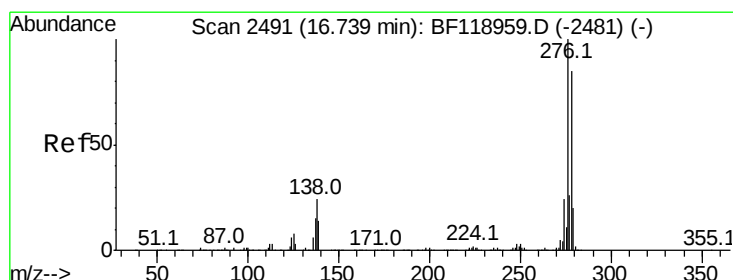
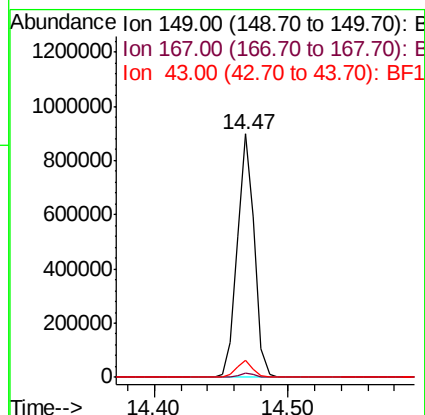
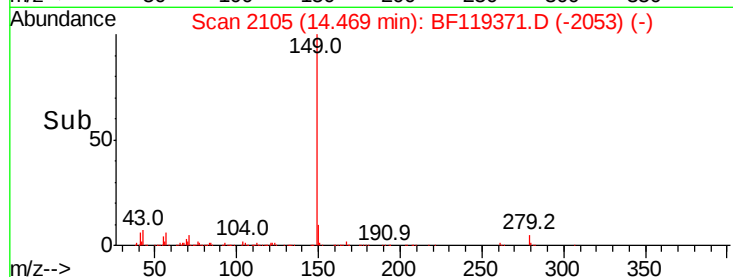
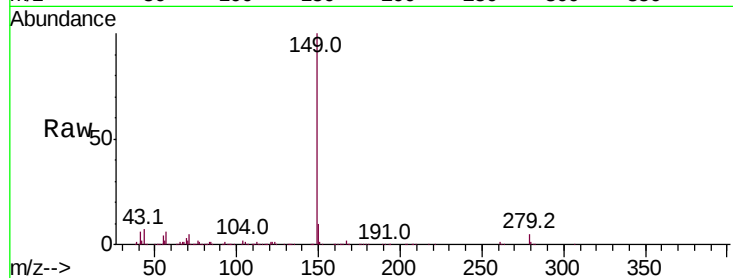
Tot Ion:149 Resp: 804772

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.7 5.7 8.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.357 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.04 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

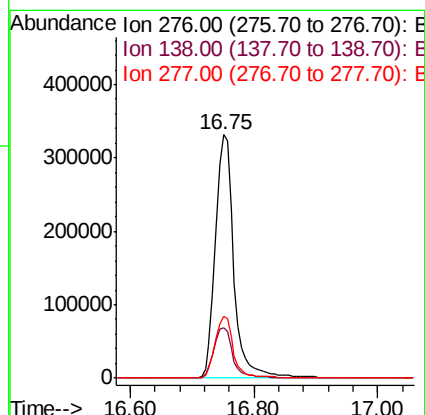
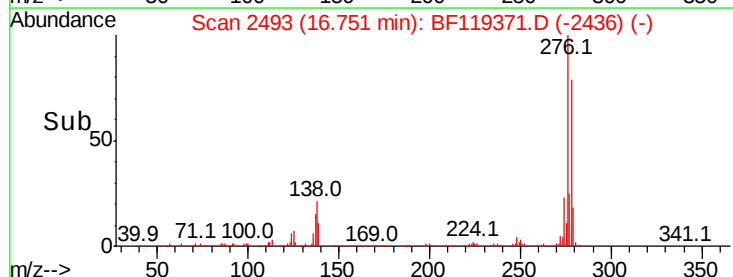
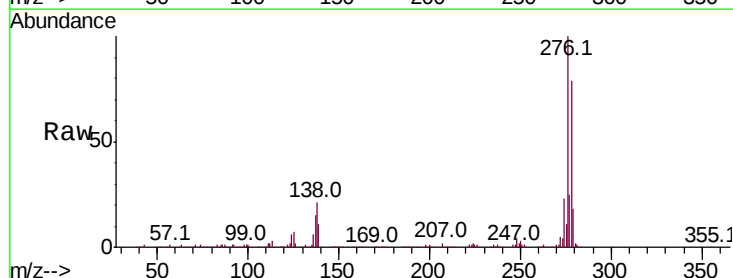
Tgt Ion:276 Resp: 685125

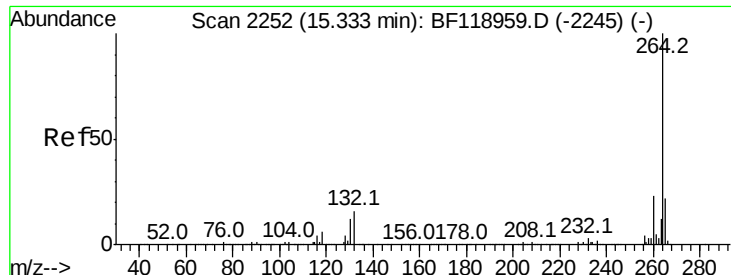
Ion Ratio Lower Upper

276 100

138 21.1 17.4 26.0

277 25.1 20.3 30.5

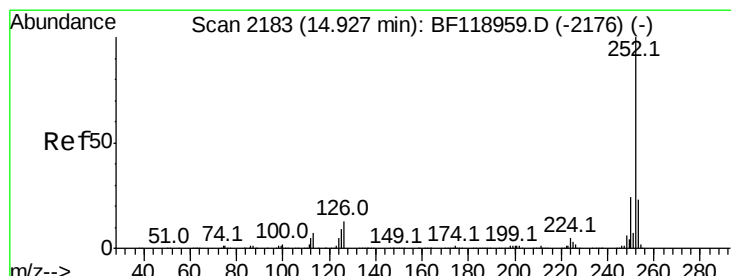
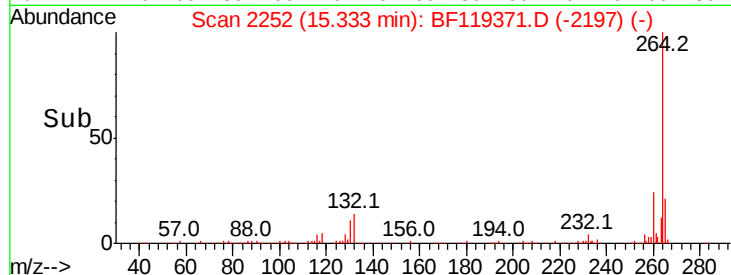
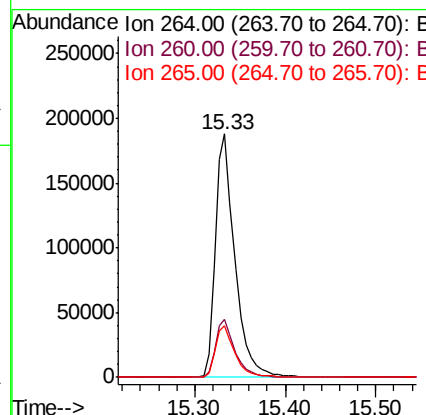
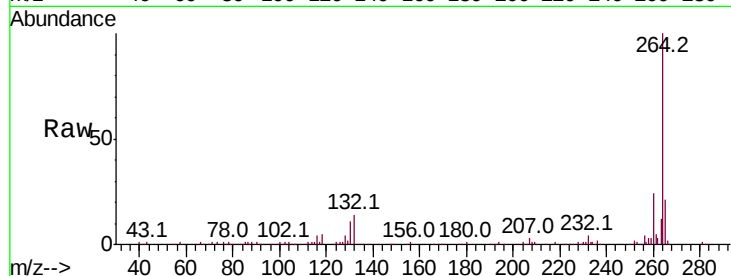




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

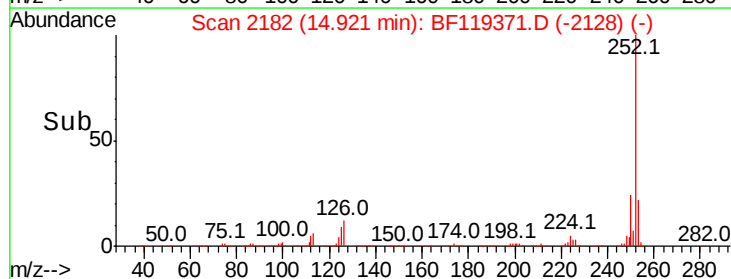
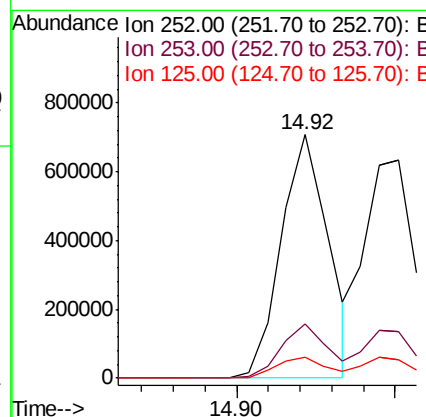
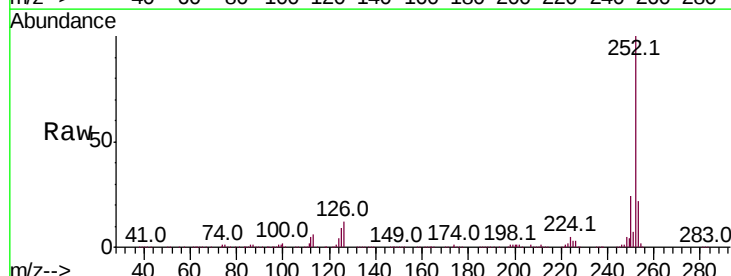
Instrument :
BNA_F
ClientSampleId :

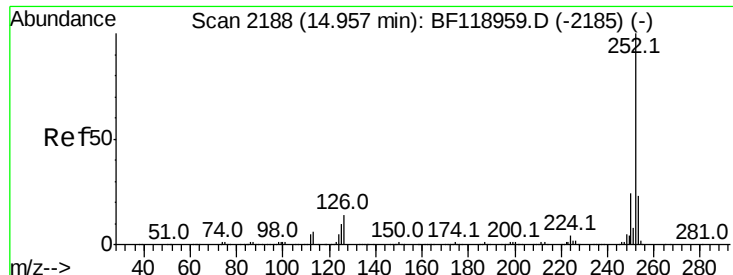
Tot Ion:264 Resp: 281331
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.2 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 39.638 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion:252 Resp: 735043
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 8.7 7.4 11.0

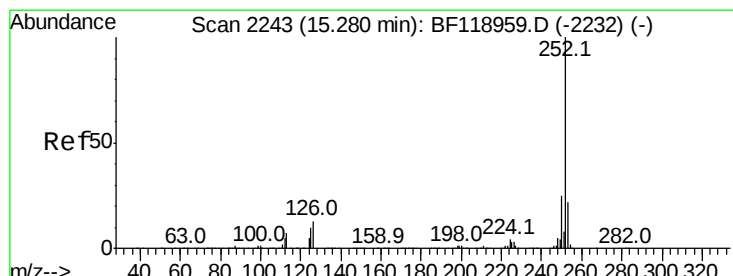
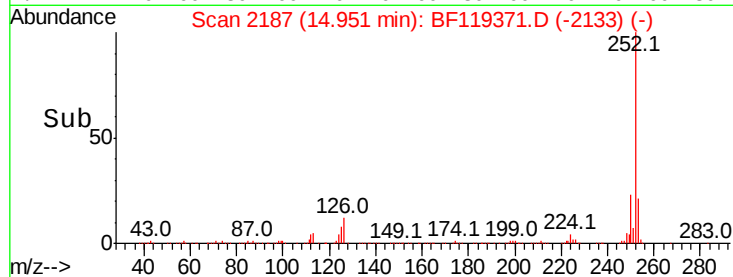
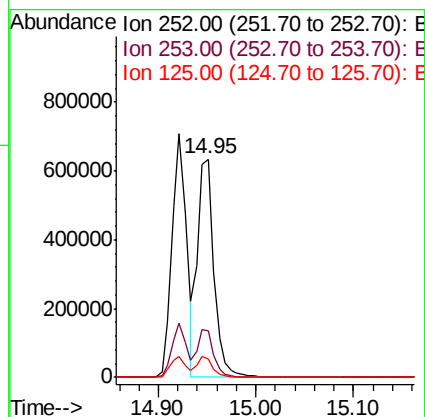
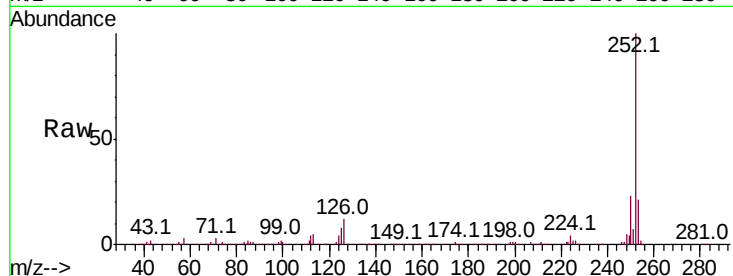




#89
Benzo(k)fluoranthene
Concen: 43.180 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

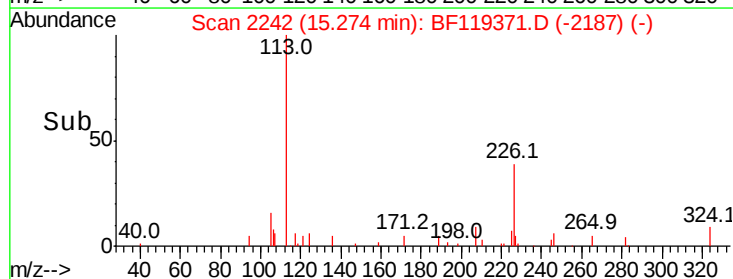
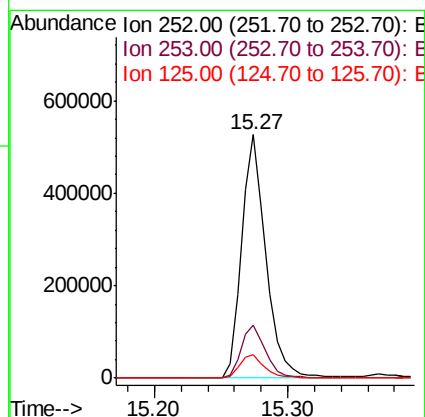
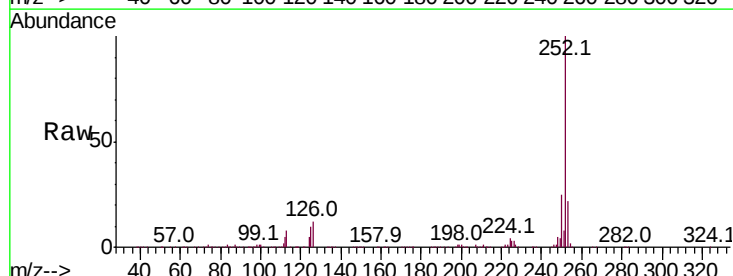
Instrument :
BNA_F
ClientSampled :

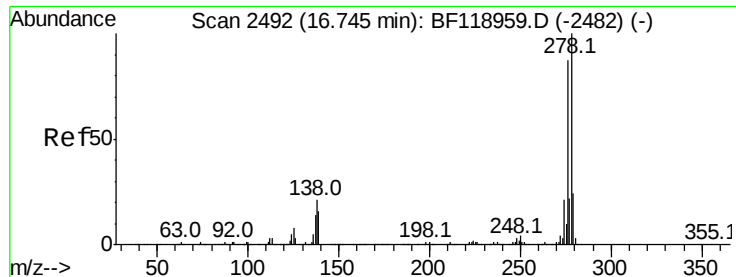
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	8.1	7.5	11.3



#90
Benzo(a)pyrene
Concen: 39.513 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	9.6	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 38.049 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.04 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

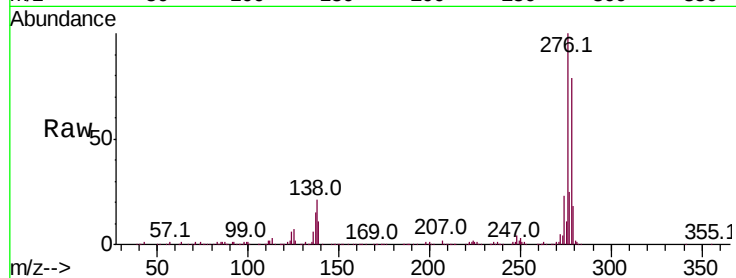
Tot Ion:278 Resp: 560314

Ion Ratio Lower Upper

278 100

139 14.0 11.0 16.4

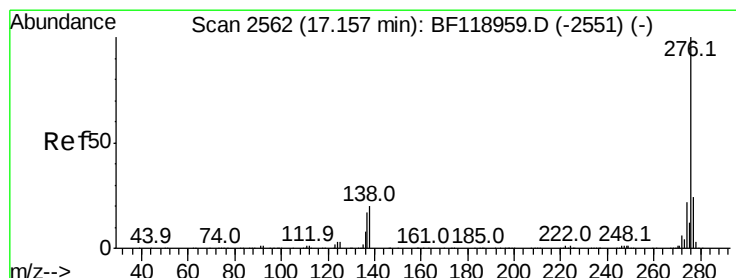
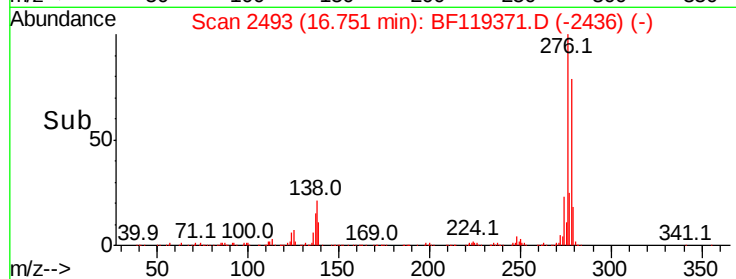
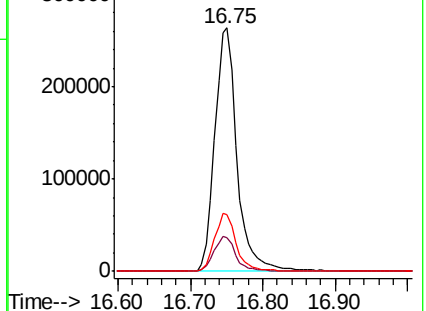
279 23.1 18.6 28.0



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: 37.670 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

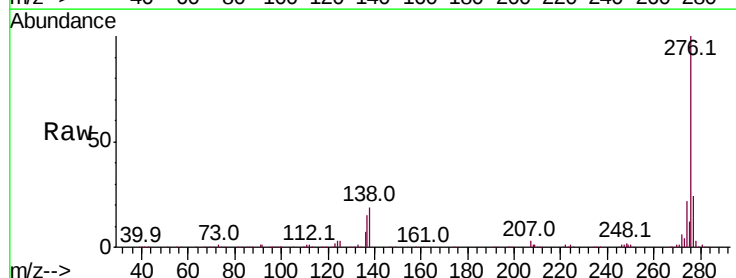
Tgt Ion:276 Resp: 548102

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 18.7 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

