

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119254.D
 Acq On : 6 Mar 2020 17:15
 Operator : CG/JU
 Sample : L1792-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:47:31 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	113886	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	446057	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	247505	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	482627	20.00	ng	0.00
76) Chrysene-d12	13.89	240	373776	20.00	ng	0.00
87) Perylene-d12	15.31	264	366387	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	679737	99.75	ng	0.00
7) Phenol-d6	6.39	99	818261	98.73	ng	0.00
23) Nitrobenzene-d5	7.29	82	547458	64.80	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	305401	94.32	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1096516	65.27	ng	0.00
79) Terphenyl-d14	12.83	244	1502651	69.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	114370	37.694	ng	98
3) Pyridine	3.16	79	273185	32.968	ng	99
4) n-Nitrosodimethylamine	3.10	42	115557	46.035	ng	93
6) Aniline	6.39	93	254854	24.921	ng	91
8) 2-Chlorophenol	6.52	128	348429	47.377	ng	98
9) Benzaldehyde	6.27	77	257995	46.592	ng	98
10) Phenol	6.40	94	416270	46.455	ng	85
11) bis(2-Chloroethyl)ether	6.46	93	308866	45.049	ng	96
12) 1,3-Dichlorobenzene	6.66	146	375666	42.618	ng	97
13) 1,4-Dichlorobenzene	6.74	146	383500	43.477	ng	99
14) 1,2-Dichlorobenzene	6.89	146	357710	44.466	ng	98
15) Benzyl Alcohol	6.88	79	288609	48.182	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	249354	41.984	ng	# 42
17) 2-Methylphenol	7.00	107	275809	46.256	ng	94
18) Hexachloroethane	7.23	117	134775	42.708	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	233958	48.445	ng	97
20) 3+4-Methylphenols	7.16	107	368982	50.511	ng	# 86
22) Acetophenone	7.14	105	465659	45.119	ng	# 95
24) Nitrobenzene	7.31	77	358516	42.914	ng	97
25) Isophorone	7.55	82	642409	43.785	ng	99
26) 2-Nitrophenol	7.63	139	193334	43.677	ng	97
27) 2,4-Dimethylphenol	7.67	122	280615	46.710	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	387116	40.537	ng	99
29) 2,4-Dichlorophenol	7.88	162	305504	43.197	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	336713	40.156	ng	96
31) Naphthalene	8.03	128	989041	42.754	ng	98
32) Benzoic acid	7.85	122	166747	39.426	ng	98
33) 4-Chloroaniline	8.09	127	119386	11.999	ng	97
34) Hexachlorobutadiene	8.15	225	204225	39.100	ng	99
35) Caprolactam	8.46	113	54507	25.030	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	327166	45.710	ng	99
37) 2-Methylnaphthalene	8.72	142	682301	43.827	ng	98
38) 1-Methylnaphthalene	8.82	142	636699	43.487	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	338867	40.608	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	127482	46.435	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	215148	40.827	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	228452	41.313	ng	98
46) 1,1'-Biphenyl	9.18	154	830418	41.514	ng	98
47) 2-Chloronaphthalene	9.21	162	661723	41.050	ng	97
48) 2-Nitroaniline	9.32	65	195956	43.584	ng	95
49) Acenaphthylene	9.62	152	1016170	43.647	ng	100
50) Dimethylphthalate	9.49	163	903919	47.760	ng	99
51) 2,6-Dinitrotoluene	9.56	165	184733	43.933	ng	97
52) Acenaphthene	9.79	154	612015	43.595	ng	98
53) 3-Nitroaniline	9.73	138	82938	17.792	ng	100
54) 2,4-Dinitrophenol	9.85	184	142212	70.560	ng	98
55) Dibenzofuran	9.97	168	895305	42.727	ng	99
56) 4-Nitrophenol	9.92	139	181038	64.639	ng	99
57) 2,4-Dinitrotoluene	9.97	165	237494	43.575	ng	96
58) Fluorene	10.31	166	736212	45.215	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	200766	43.027	ng	98
60) Diethylphthalate	10.19	149	800606	44.888	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	379761	44.063	ng	99
62) 4-Nitroaniline	10.35	138	165214	34.641	ng	95
63) Azobenzene	10.46	77	717152	46.259	ng	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	130583	44.713	ng	97
66) n-Nitrosodiphenylamine	10.42	169	671182	42.472	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	252840	40.079	ng	96
68) Hexachlorobenzene	10.86	284	288941	39.726	ng	98
69) Atrazine	10.95	200	224400	40.642	ng	100
70) Pentachlorophenol	11.07	266	219028	74.756	ng	97
71) Phenanthrene	11.27	178	1111883	42.245	ng	98
72) Anthracene	11.32	178	1176287	44.729	ng	99
73) Carbazole	11.48	167	1032947	44.089	ng	99
74) Di-n-butylphthalate	11.80	149	1255522	44.252	ng	99
75) Fluoranthene	12.46	202	1237394	44.291	ng	98
77) Benzidine	12.58	184	384240	25.277	ng	99
78) Pyrene	12.69	202	1251731	41.705	ng	100
80) Butylbenzylphthalate	13.30	149	551979	43.697	ng	99
81) Benzo(a)anthracene	13.87	228	1131497	44.429	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	262495	26.543	ng	99
83) Chrysene	13.92	228	1075196	42.370	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	765382	47.960	ng	99
85) Di-n-octyl phthalate	14.46	149	1235645	48.596	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1065527	43.364	ng	100
88) Benzo(b)fluoranthene	14.91	252	1095155	45.348	ng	99
89) Benzo(k)fluoranthene	14.93	252	950288	42.461	ng	99
90) Benzo(a)pyrene	15.26	252	921845	42.294	ng	98
91) Dibenzo(a,h)anthracene	16.72	278	895053	46.670	ng	100
92) Benzo(g,h,i)perylene	17.14	276	902466	47.626	ng	99

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

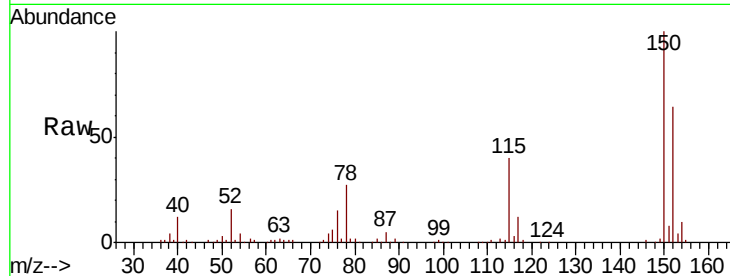


#1

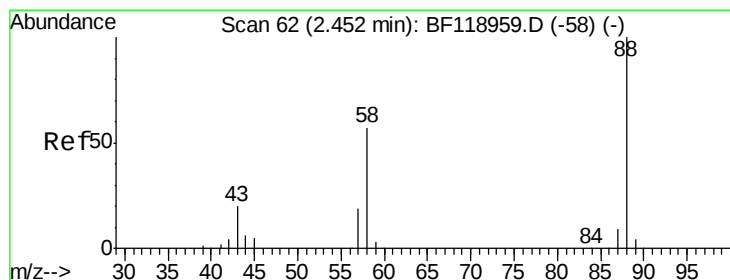
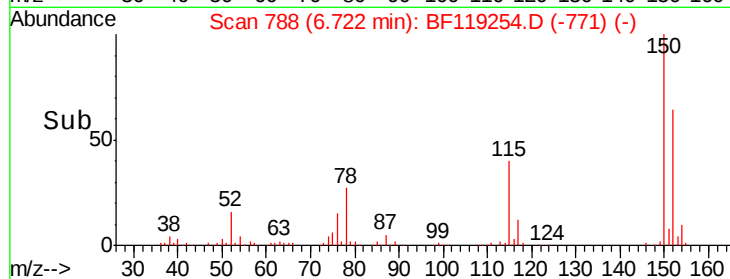
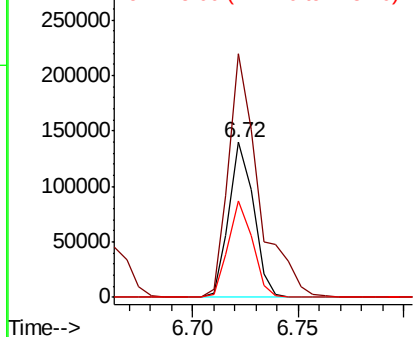
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113886
Ion Ratio Lower Upper
152 100
150 157.2 123.0 184.6
115 62.3 49.5 74.3



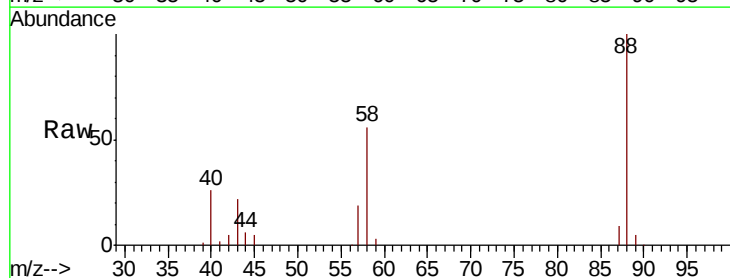
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



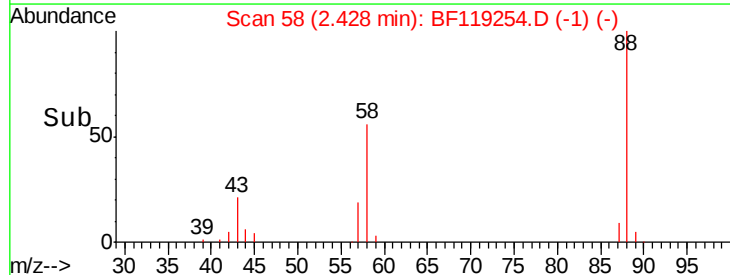
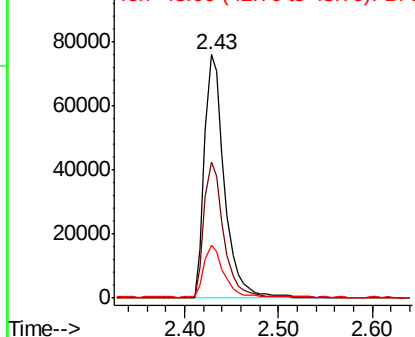
#2

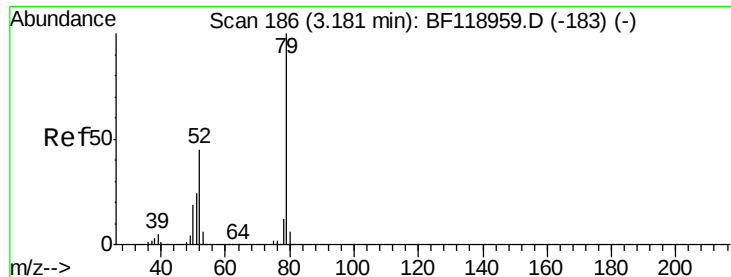
1,4-Dioxane
Concen: 37.694 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.05 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion: 88 Resp: 114370
Ion Ratio Lower Upper
88 100
58 55.3 43.8 65.6
43 23.3 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: 32.968 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.05 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

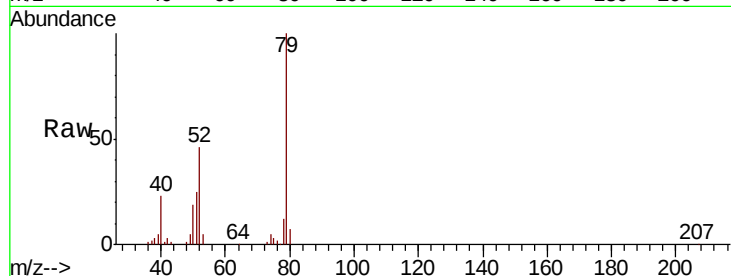
Tot Ion: 79 Resp: 273185

Ion Ratio Lower Upper

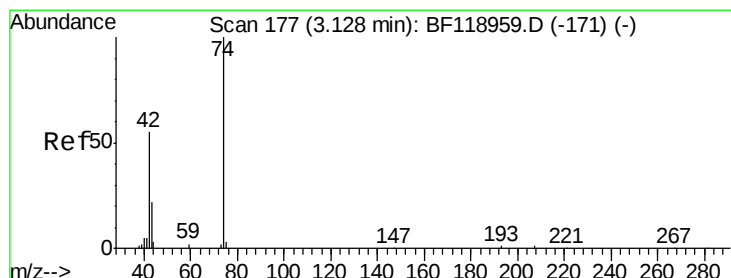
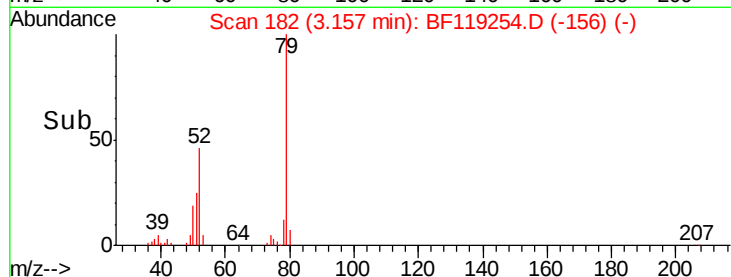
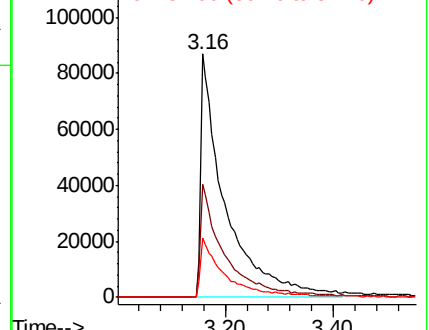
79 100

52 46.2 37.4 56.0

51 24.6 19.8 29.6



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



#4

n-Nitrosodimethylamine

Concen: 46.035 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.05 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

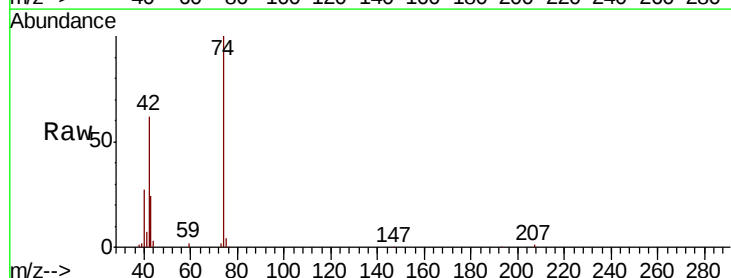
Tgt Ion: 42 Resp: 115557

Ion Ratio Lower Upper

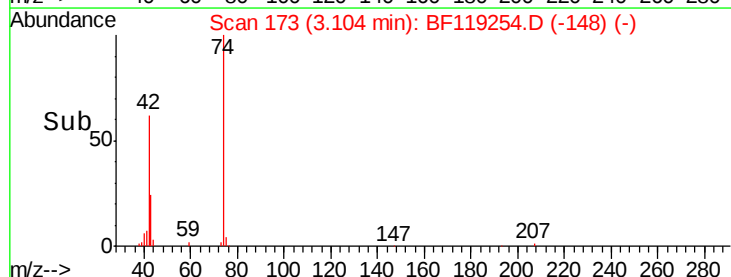
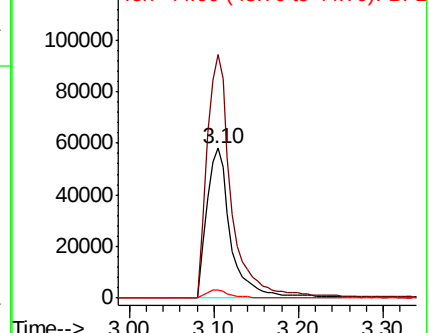
42 100

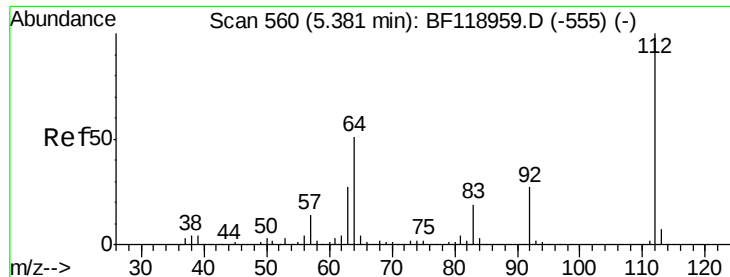
74 162.2 137.7 206.5

44 5.5 4.5 6.7



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





#5

2-Fluorophenol

Concen: 99.745 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

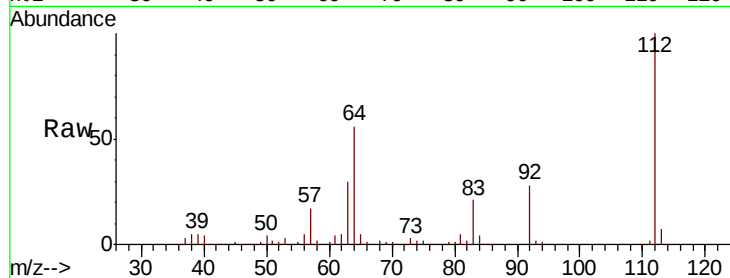
Tot Ion:112 Resp: 679737

Ion Ratio Lower Upper

112 100

64 56.0 45.0 67.4

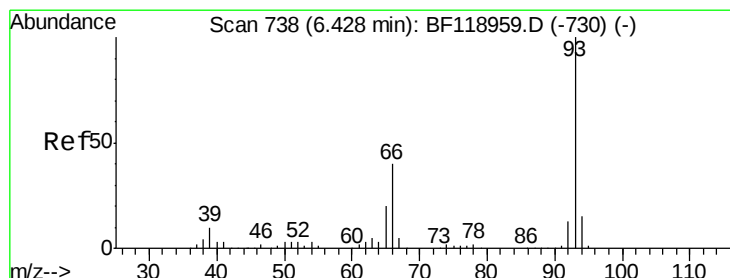
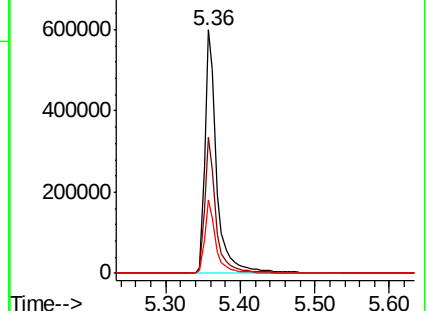
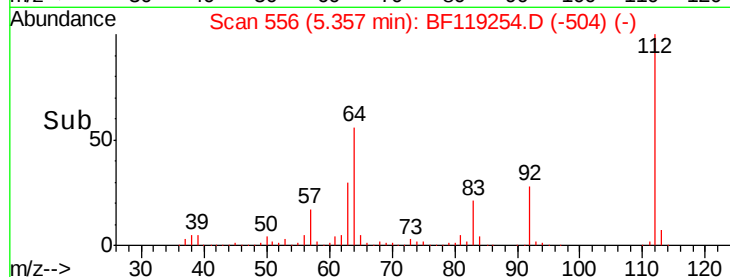
63 30.3 24.2 36.4



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: 24.921 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

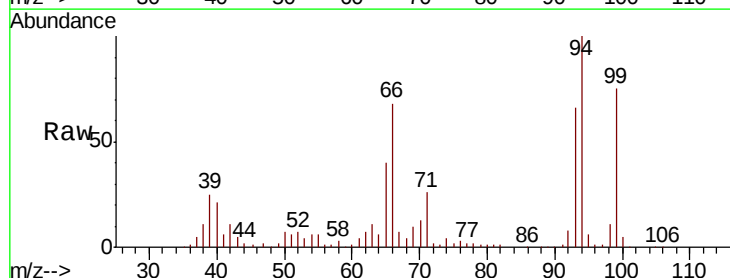
Tgt Ion: 93 Resp: 254854

Ion Ratio Lower Upper

93 100

66 103.2 74.5 111.7

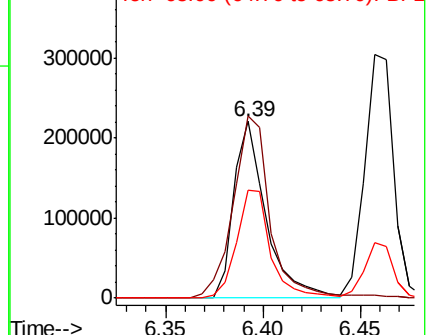
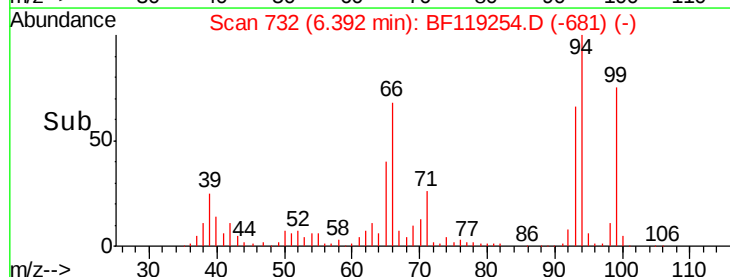
65 60.9 45.3 67.9



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: 98.729 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampled :

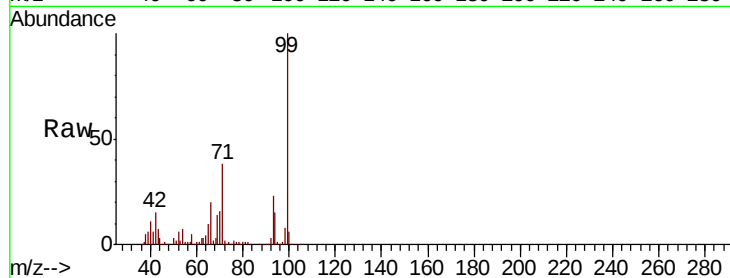
Tot Ion: 99 Resp: 818261

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

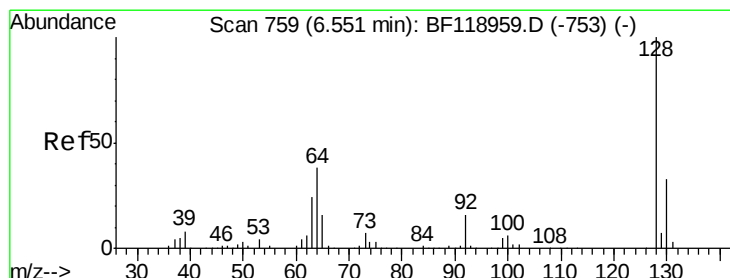
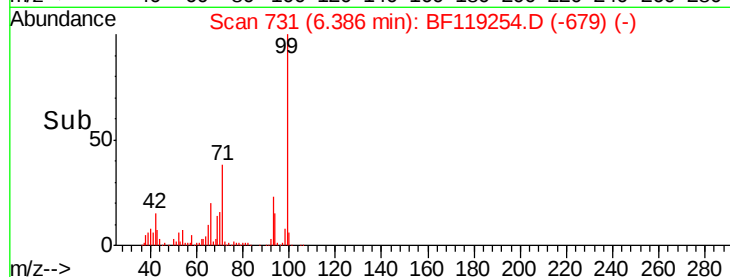
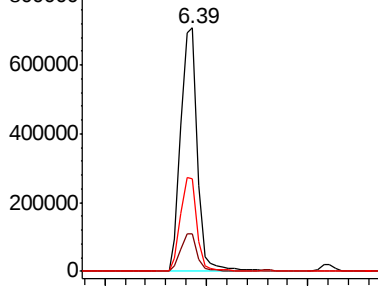
71 38.0 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.377 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

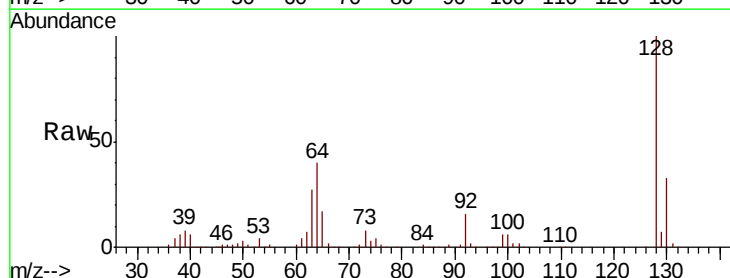
Tgt Ion: 128 Resp: 348429

Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

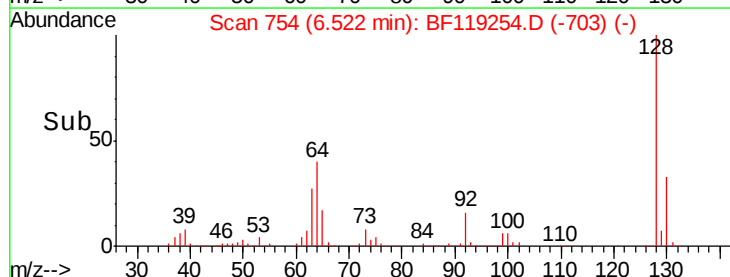
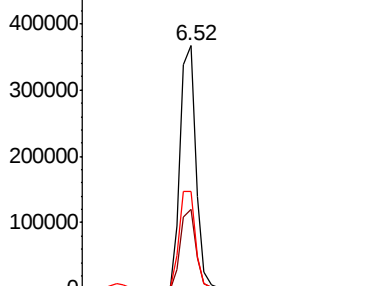
64 40.1 22.3 62.3

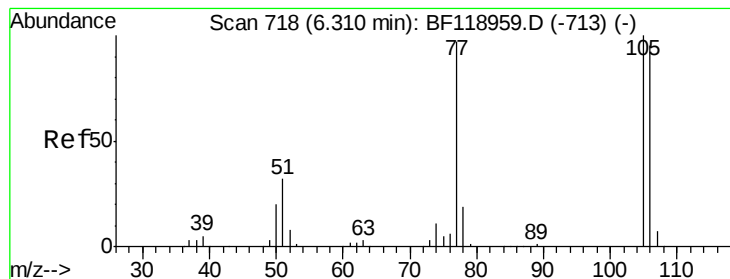


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 46.592 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

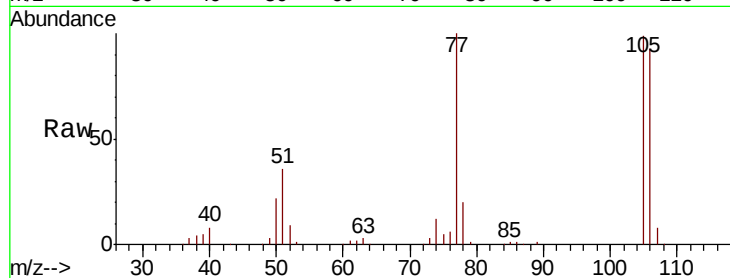
Tot Ion: 77 Resp: 257995

Ion Ratio Lower Upper

77 100

105 99.1 80.1 120.1

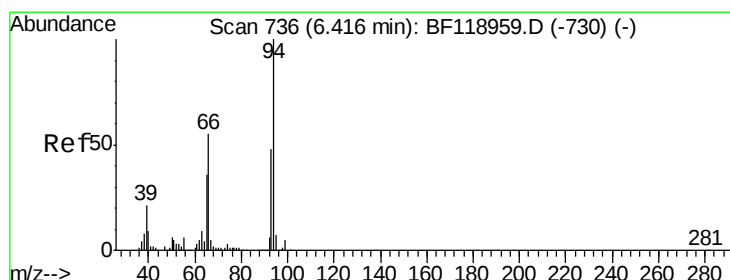
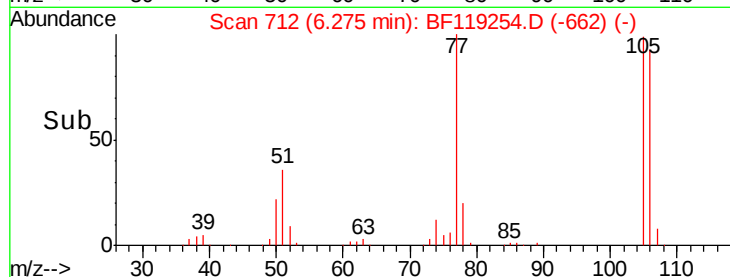
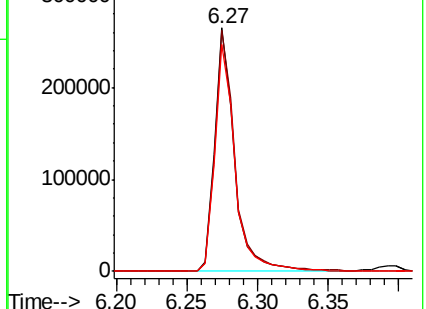
106 93.0 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.455 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

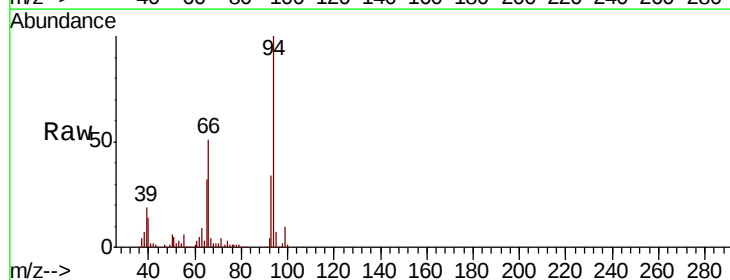
Tgt Ion: 94 Resp: 416270

Ion Ratio Lower Upper

94 100

65 31.8 19.2 59.2

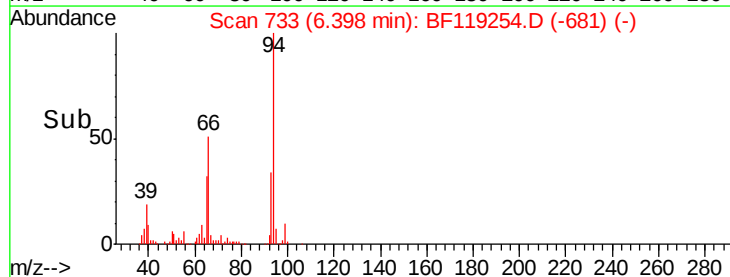
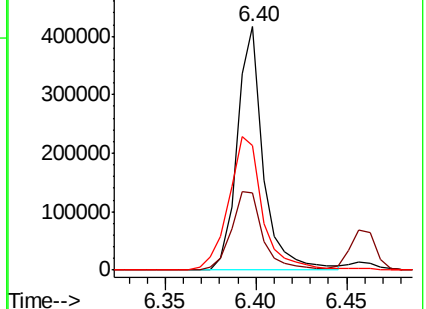
66 51.2 44.4 84.4

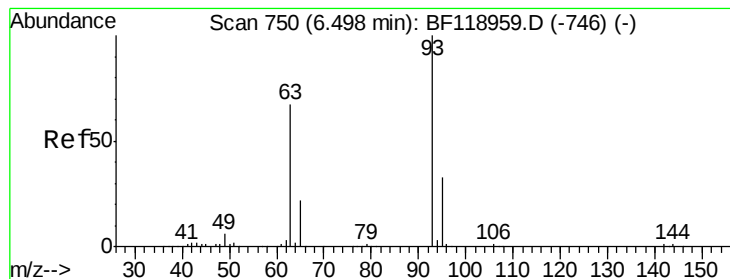


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

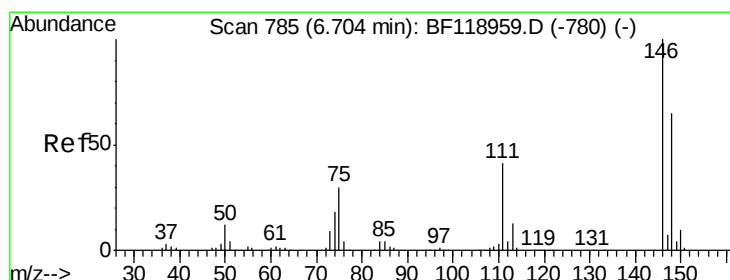
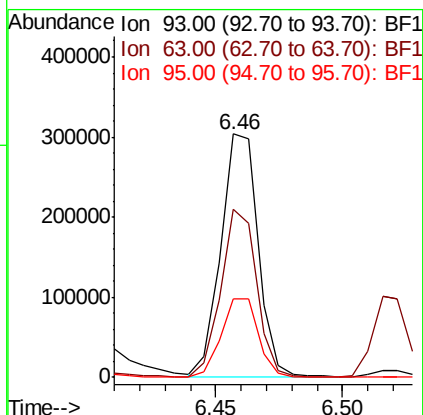
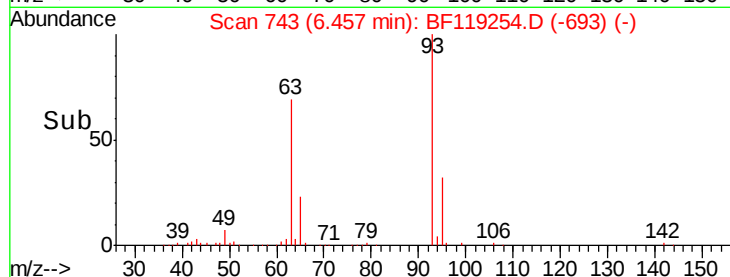
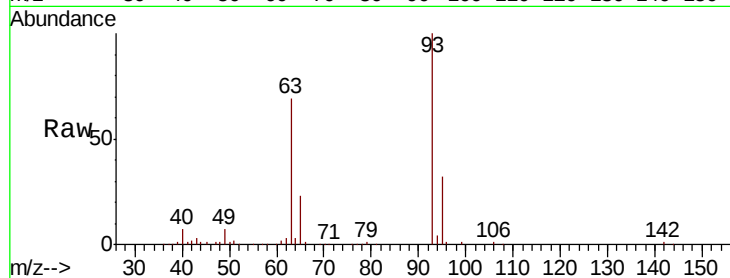




#11
bis(2-Chloroethyl)ether
Concen: 45.049 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

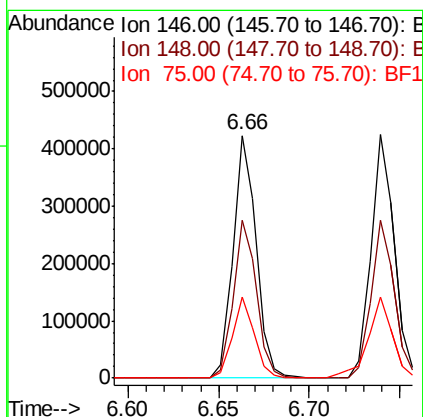
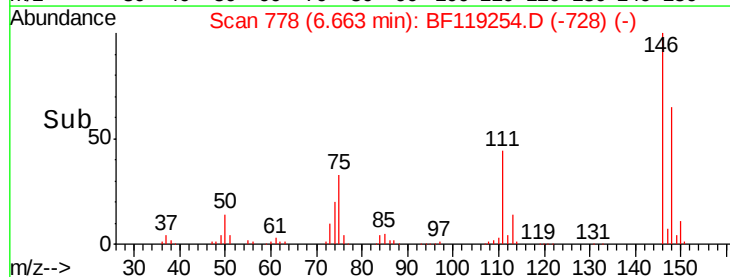
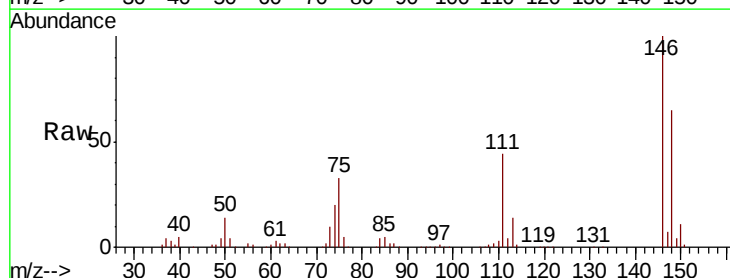
Instrument :
BNA_F
ClientSampleId :

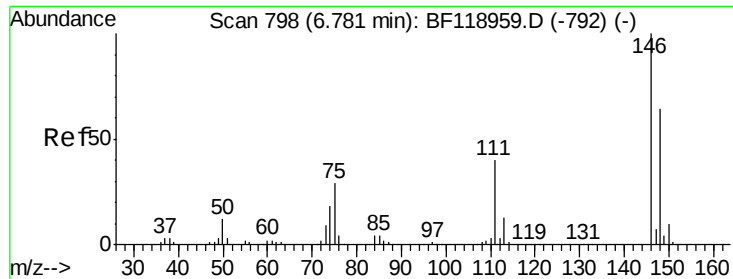
Tot Ion: 93 Resp: 308866
Ion Ratio Lower Upper
93 100
63 68.8 45.4 85.4
95 32.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 42.618 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion: 146 Resp: 375666
Ion Ratio Lower Upper
146 100
148 64.8 52.5 78.7
75 33.1 23.6 35.4

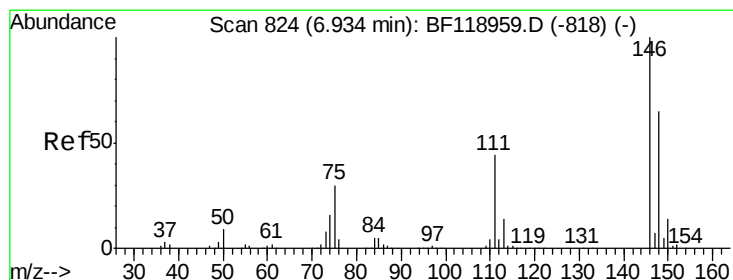
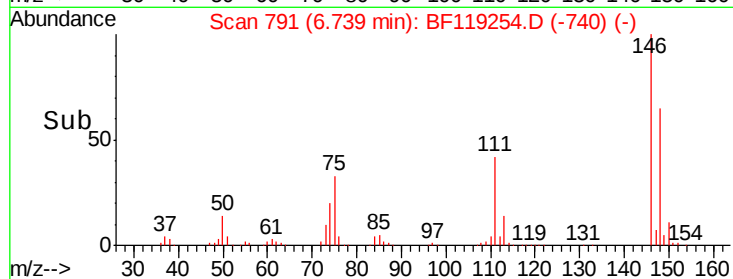
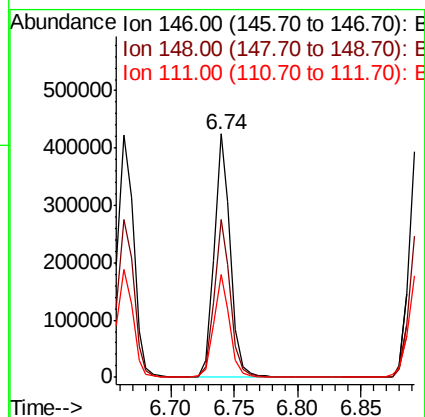
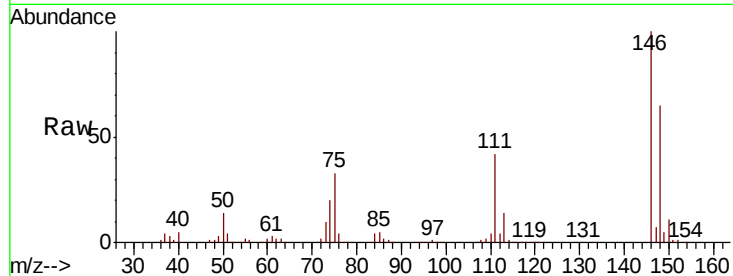




#13
 1,4-Dichlorobenzene
 Concen: 43.477 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

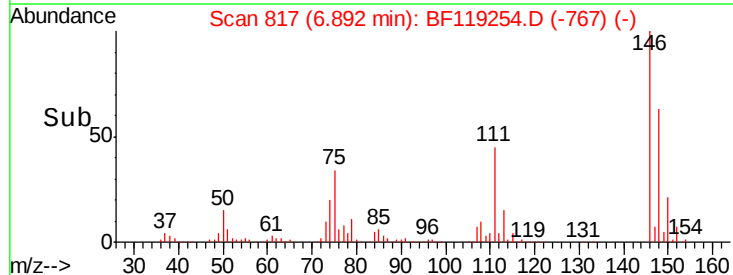
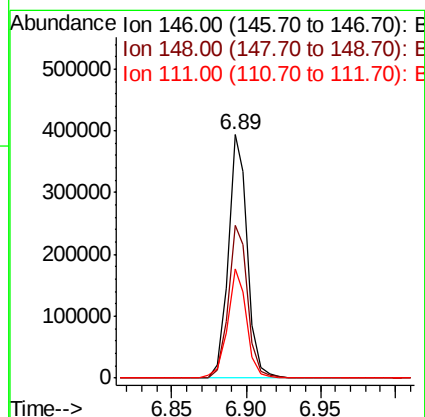
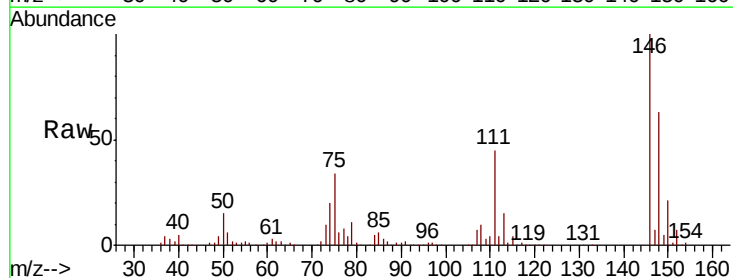
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 383500
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 42.4 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 44.466 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion:146 Resp: 357710
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.9 77.9
 111 44.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 48.182 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

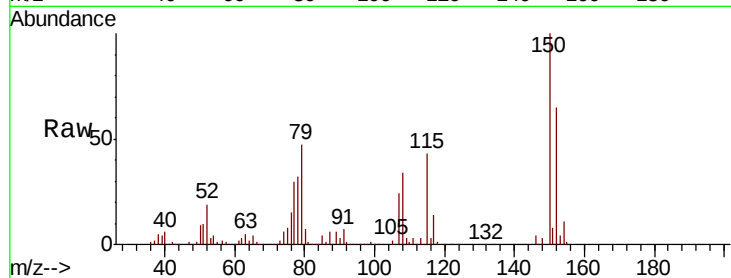
Tot Ion: 79 Resp: 288609

Ion Ratio Lower Upper

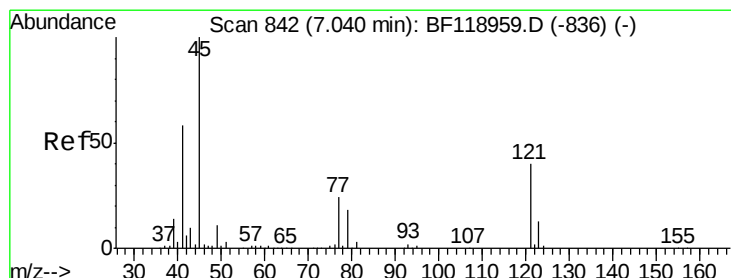
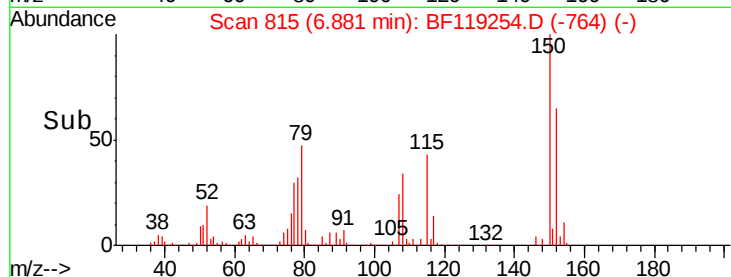
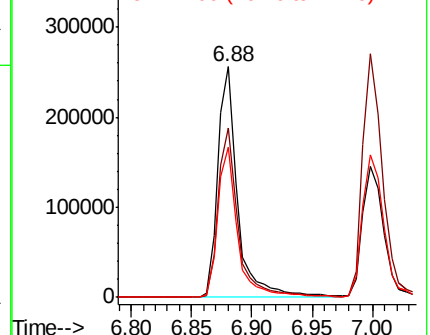
79 100

108 73.4 58.2 87.2

77 65.0 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.984 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

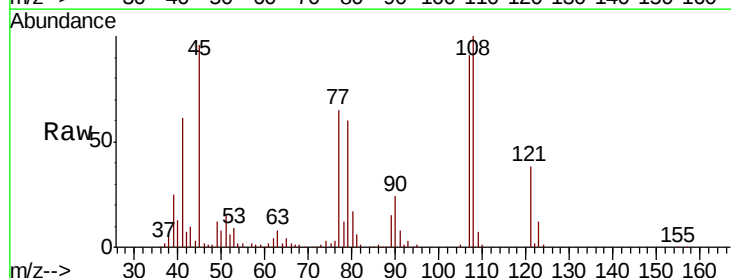
Tgt Ion: 45 Resp: 249354

Ion Ratio Lower Upper

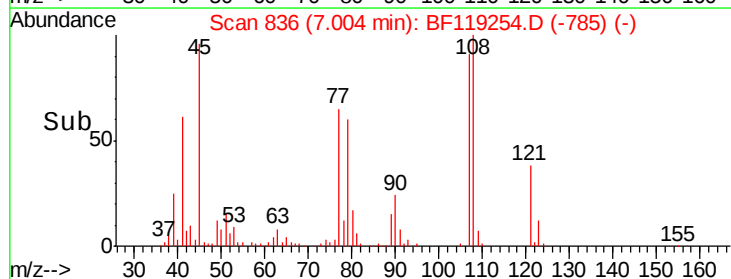
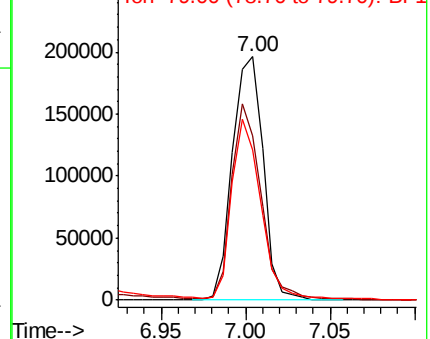
45 100

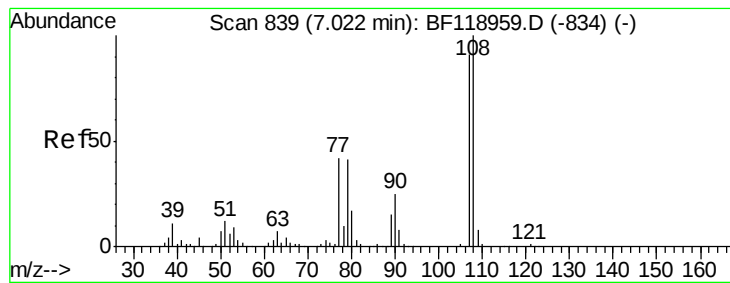
77 67.7 15.0 55.0#

79 61.7 9.4 49.4#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

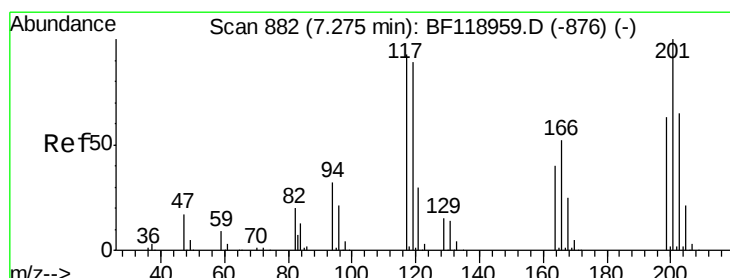
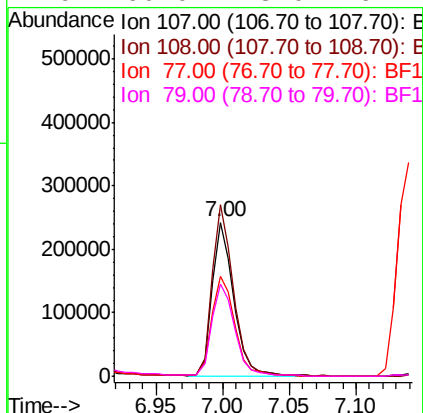
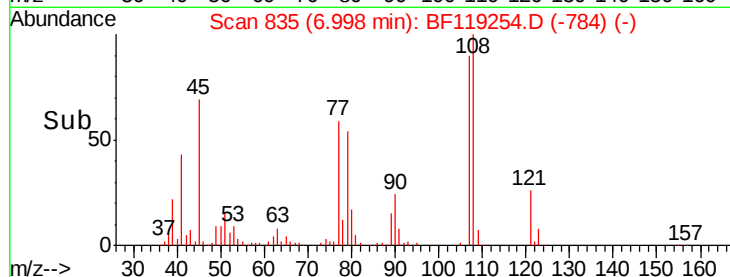
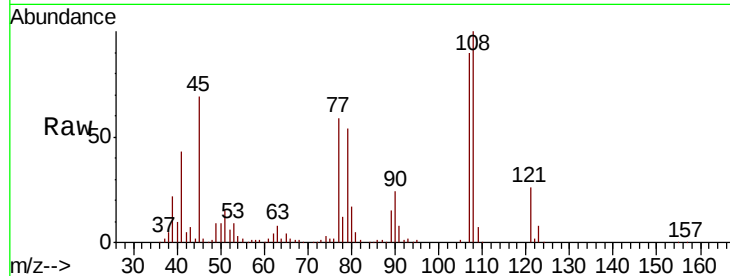




#17
2-Methylphenol
Concen: 46.256 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

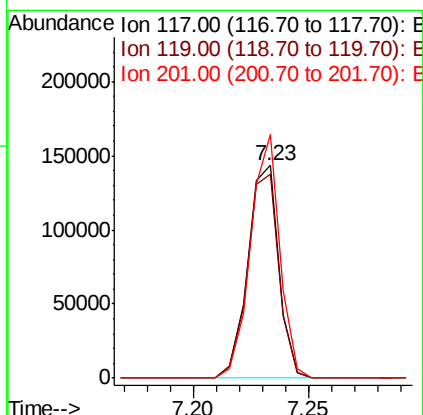
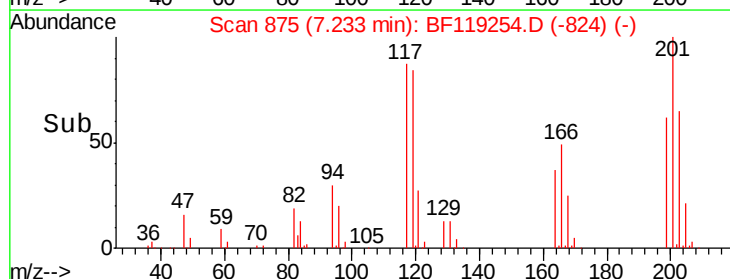
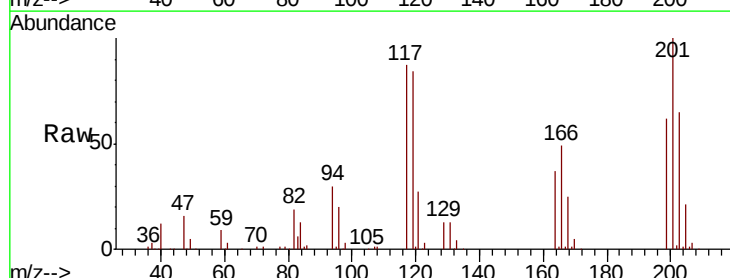
Instrument :
BNA_F
ClientSampleId :

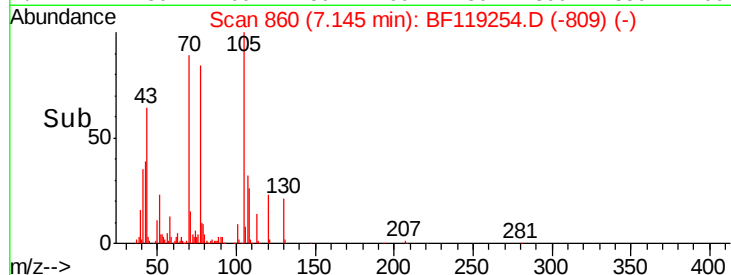
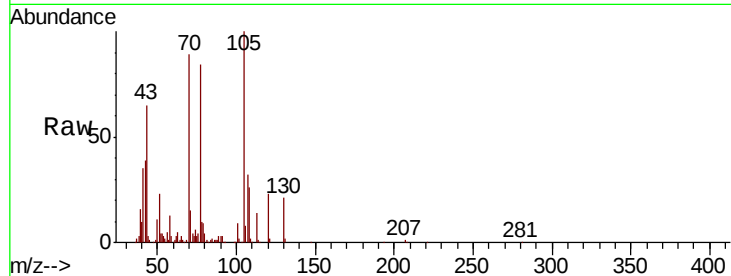
Tot Ion:107 Resp: 275809
Ion Ratio Lower Upper
107 100
108 111.2 87.9 131.9
77 65.1 45.3 67.9
79 60.0 43.0 64.4



#18
Hexachloroethane
Concen: 42.708 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:117 Resp: 134775
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3
201 114.4 82.6 123.8

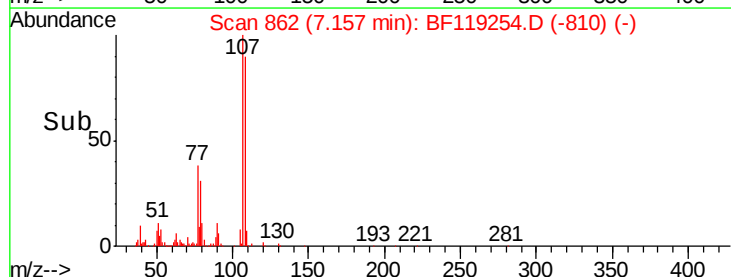
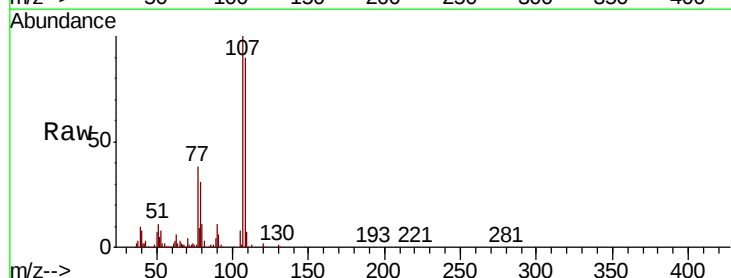
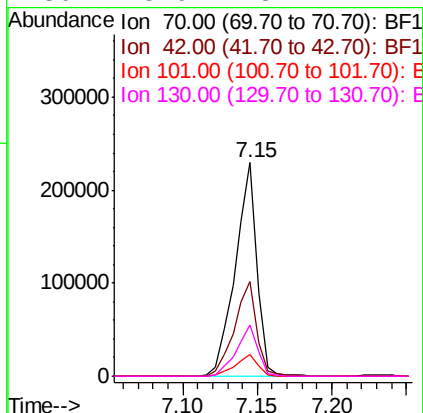




#19
n-Nitroso-di-n-propylamine
Concen: 48.445 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

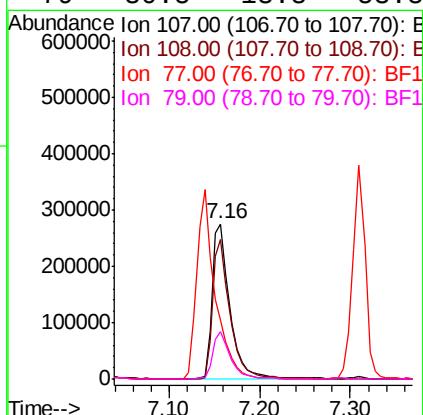
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.5	38.0	57.0
101	10.4	8.2	12.4
130	23.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 50.511 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.5	111.5
77	38.3	45.9	85.9#
79	30.5	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: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 446057

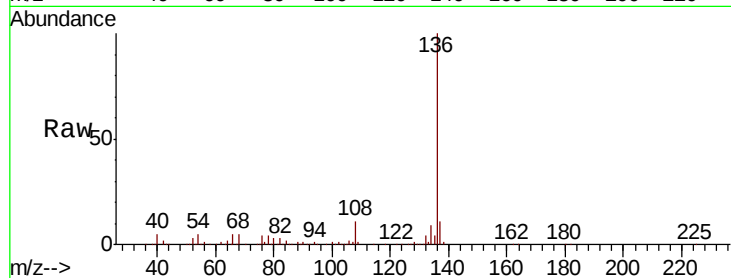
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.1 3.8 5.6

68 5.2 3.9 5.9

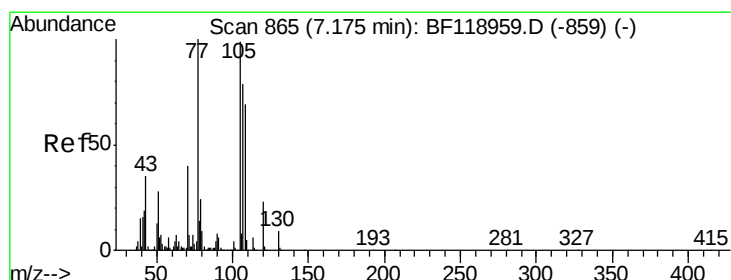
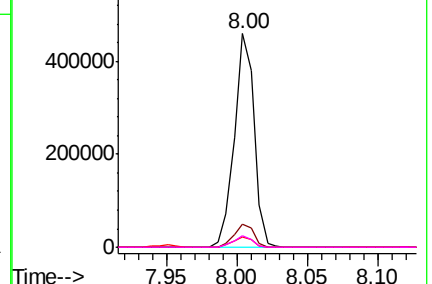
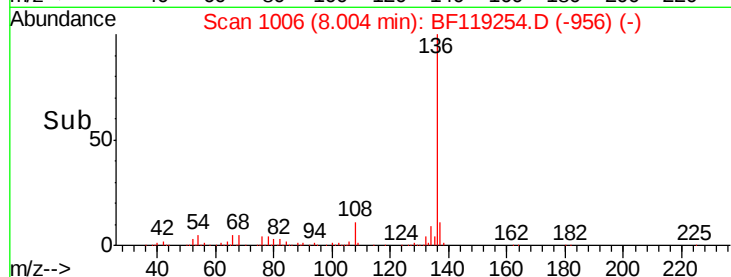


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.119 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Tgt Ion:105 Resp: 465659

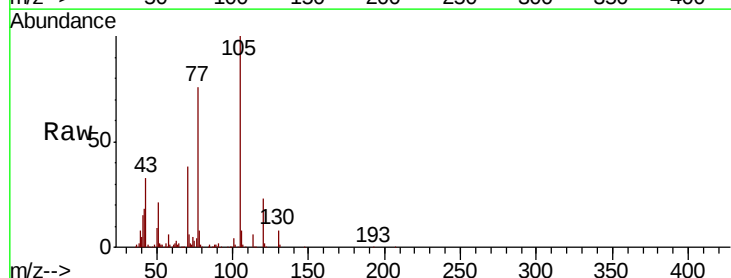
Ion Ratio Lower Upper

105 100

71 6.1 3.0 4.4#

51 20.5 20.1 30.1

120 22.7 18.0 27.0

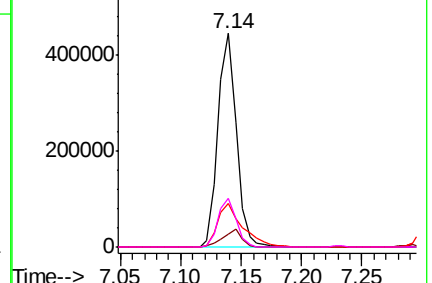
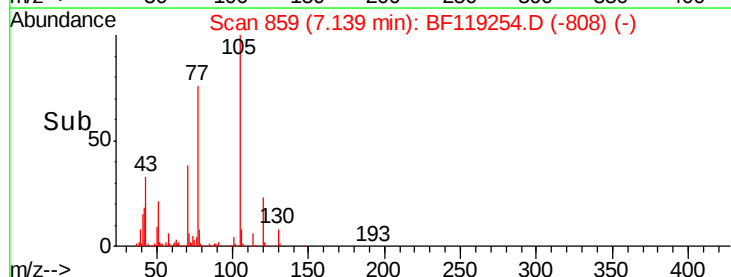


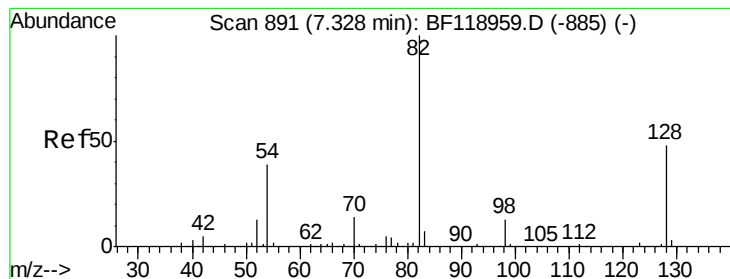
Abundance Ion 105.00 (104.70 to 105.70): E

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: 64.803 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

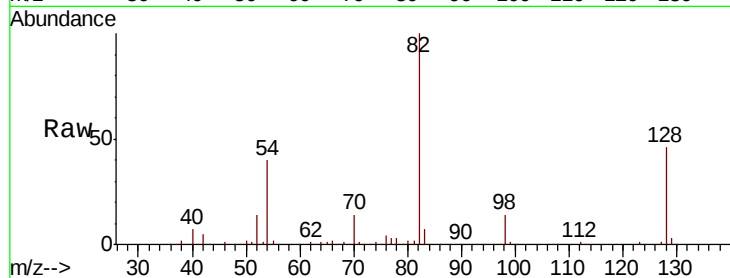
Tot Ion: 82 Resp: 547458

Ion Ratio Lower Upper

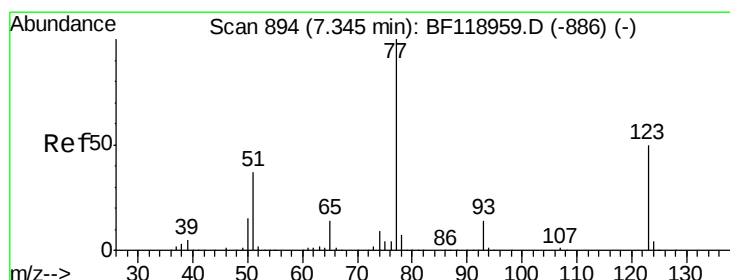
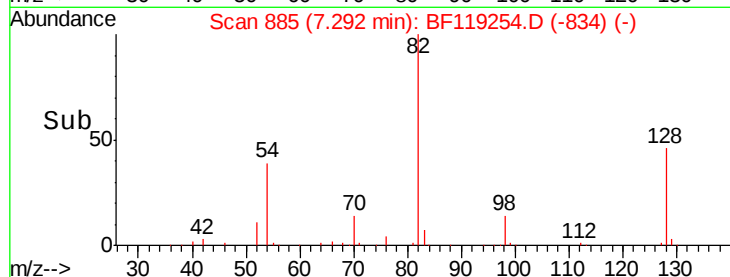
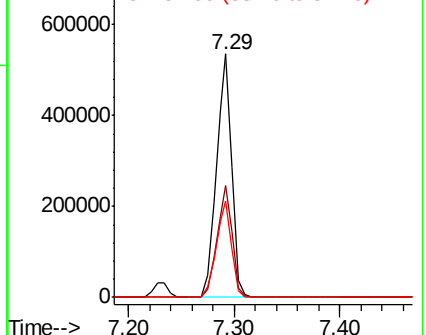
82 100

128 45.8 37.9 56.9

54 39.6 33.4 50.2



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



#24

Nitrobenzene

Concen: 42.914 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

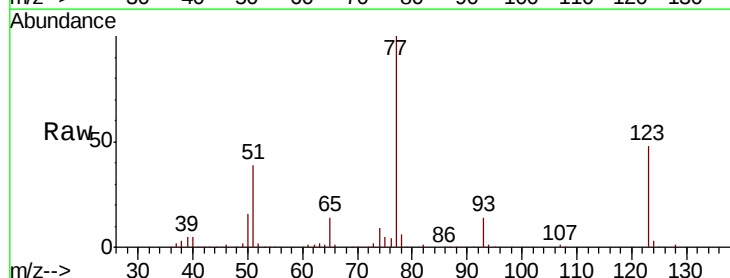
Tgt Ion: 77 Resp: 358516

Ion Ratio Lower Upper

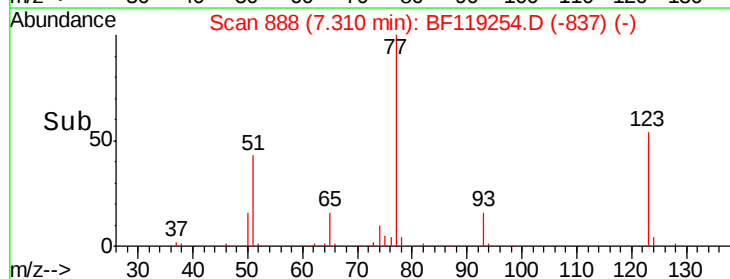
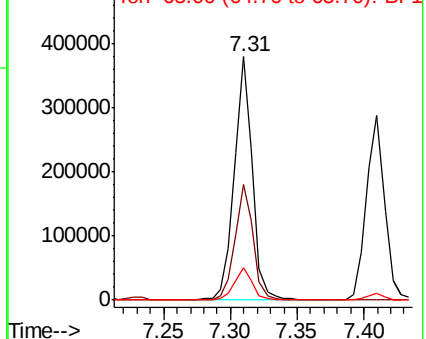
77 100

123 47.6 40.2 60.2

65 13.5 10.8 16.2



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

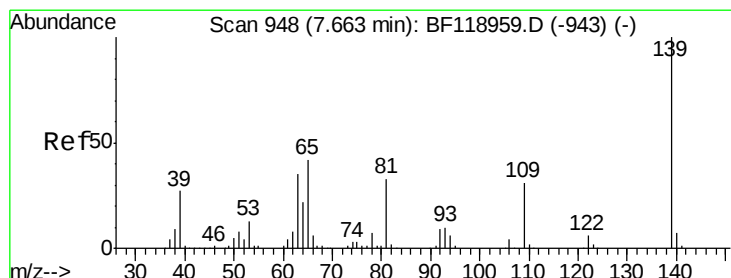
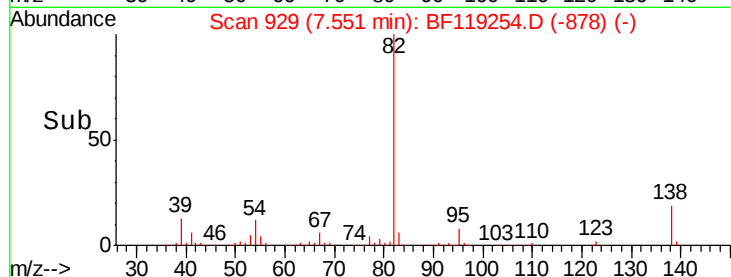
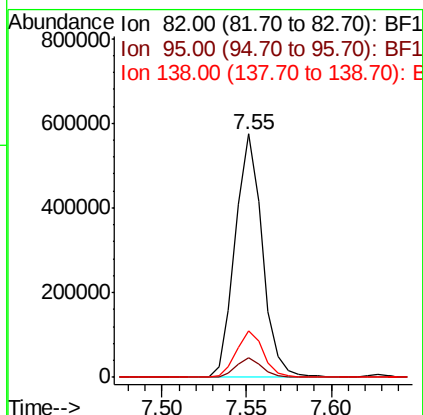
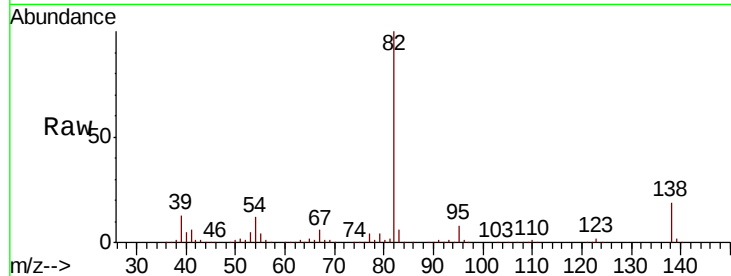




#25
Isophorone
Concen: 43.785 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

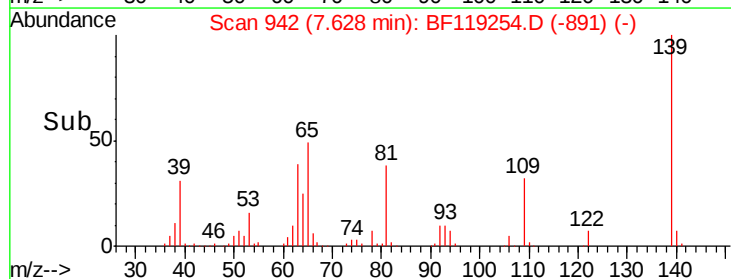
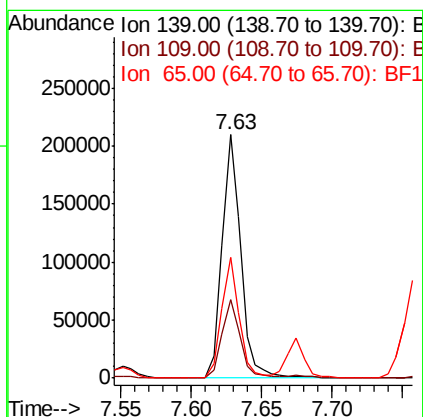
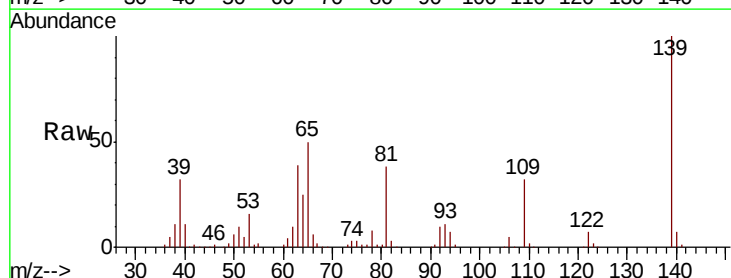
Instrument :
BNA_F
ClientSampleId :

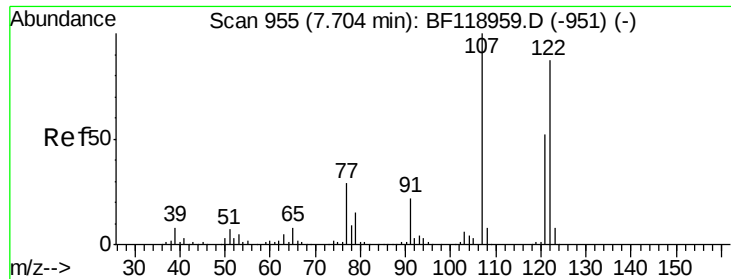
Tot Ion: 82 Resp: 642409
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 19.2 15.7 23.5



#26
2-Nitrophenol
Concen: 43.677 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion: 139 Resp: 193334
Ion Ratio Lower Upper
139 100
109 32.0 25.7 38.5
65 49.7 37.1 55.7

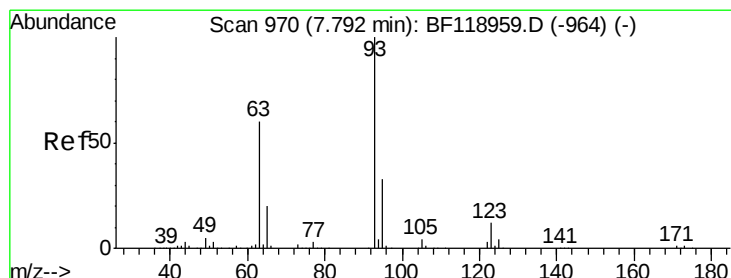
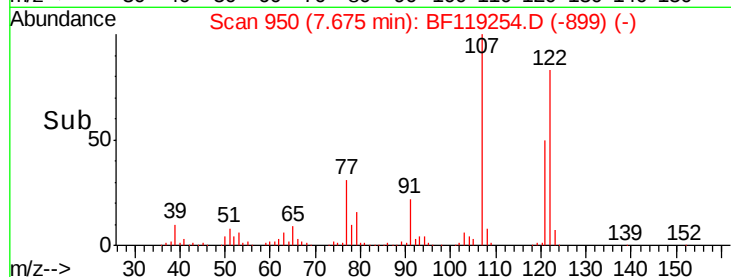
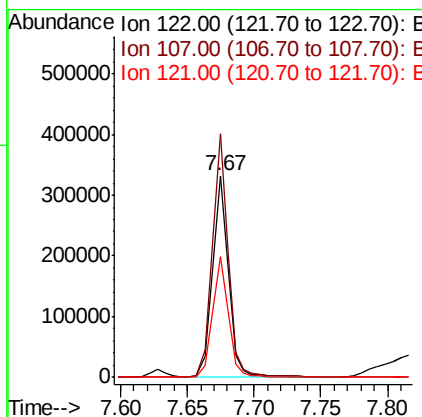
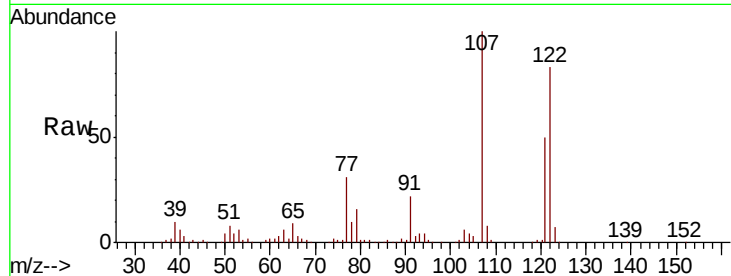




#27
2,4-Dimethylphenol
Concen: 46.710 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

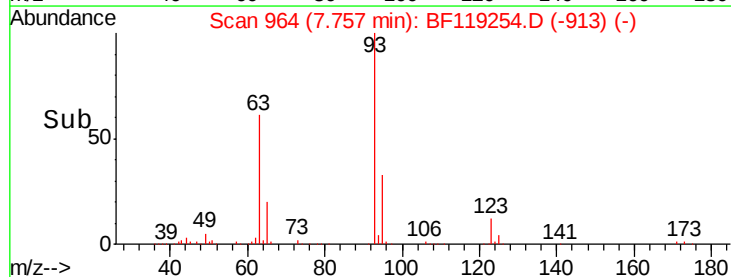
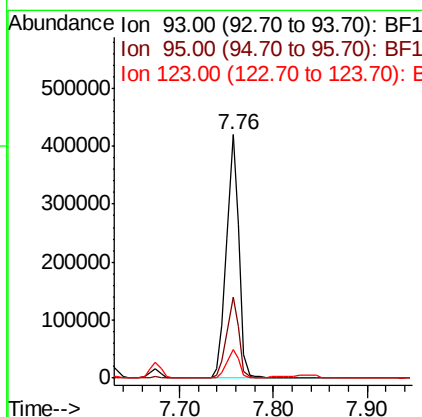
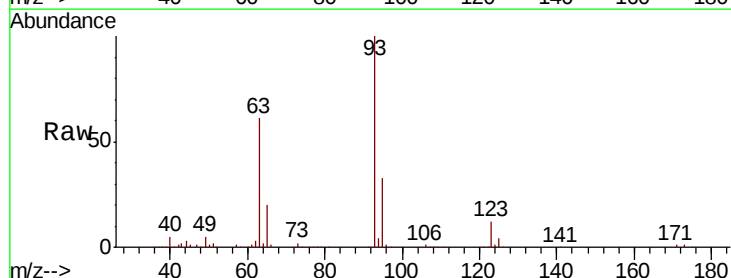
Instrument :
BNA_F
ClientSampleId :

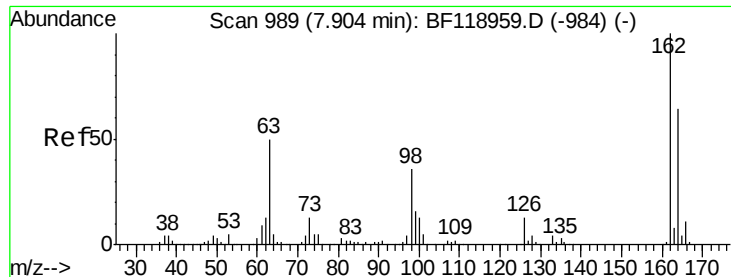
Tot Ion:122 Resp: 280615
Ion Ratio Lower Upper
122 100
107 120.7 93.8 140.6
121 60.2 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 40.537 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion: 93 Resp: 387116
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 11.8 10.2 15.2

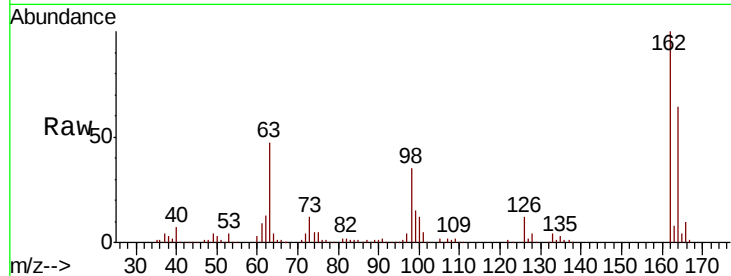




#29
2,4-Dichlorophenol
Concen: 43.197 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.2	85.2
98	35.3	17.4	57.4

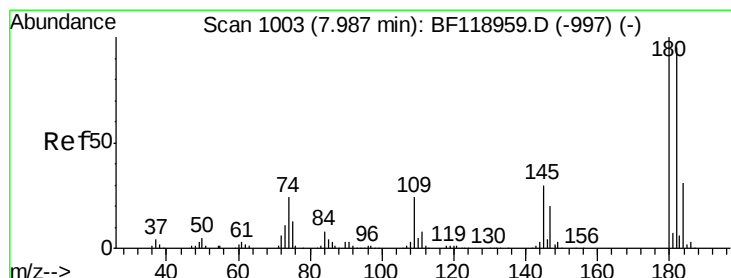
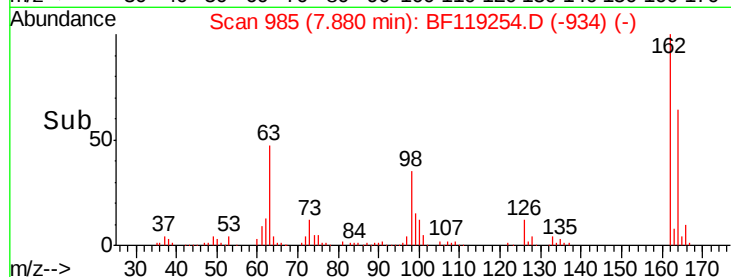
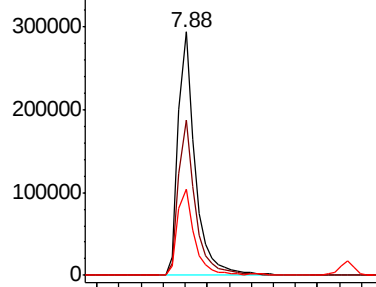


Abundance

Ion 162.00 (161.70 to 162.70): E

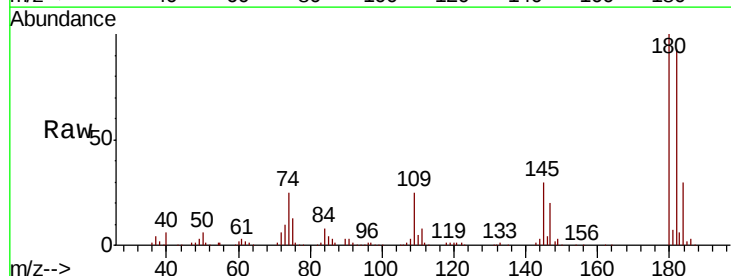
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.156 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.8	116.6
145	29.6	25.2	37.8

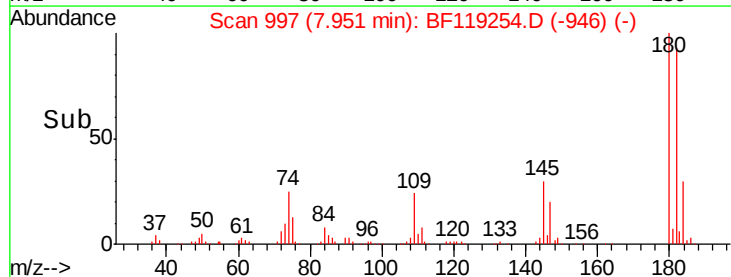
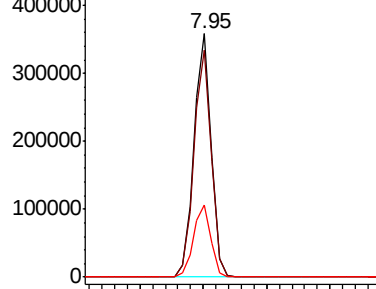


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.754 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampled :

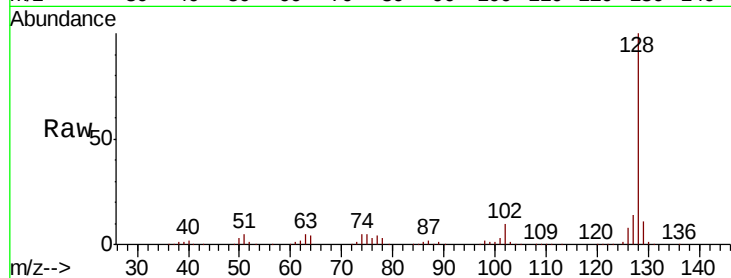
Tot Ion:128 Resp: 989041

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

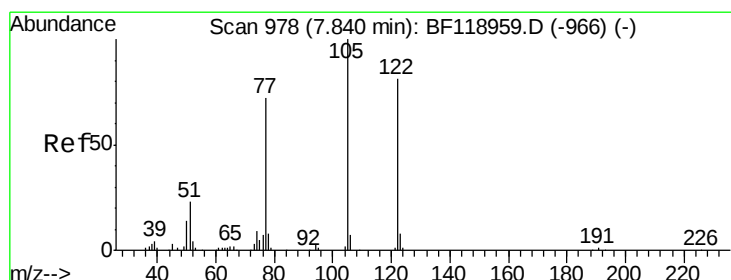
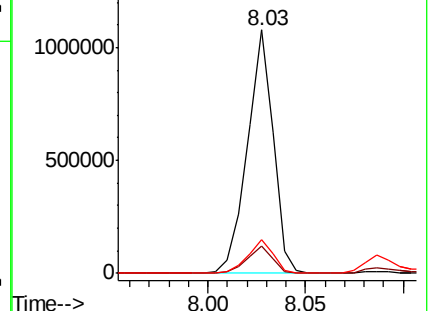
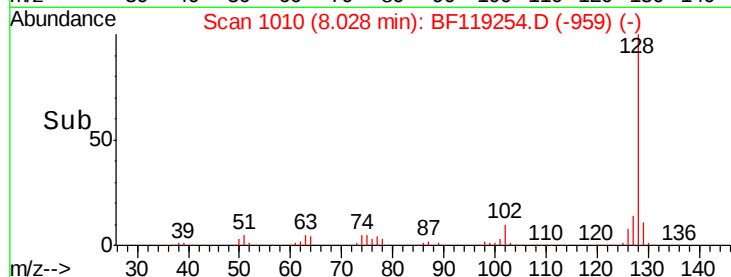
127 13.7 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.426 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

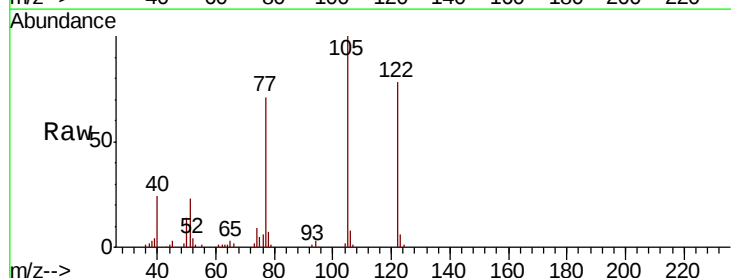
Tgt Ion:122 Resp: 166747

Ion Ratio Lower Upper

122 100

105 128.2 106.3 146.3

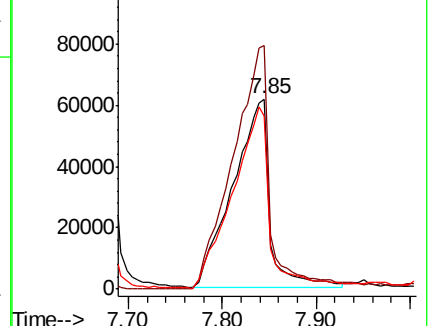
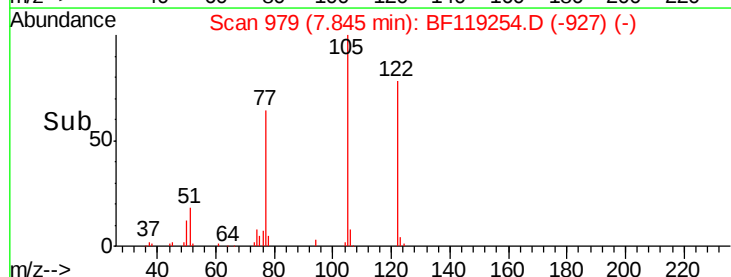
77 91.2 73.1 113.1

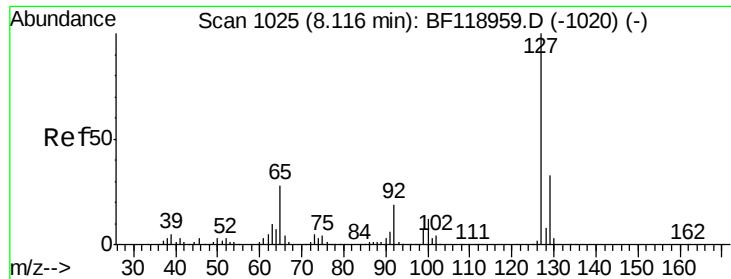


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

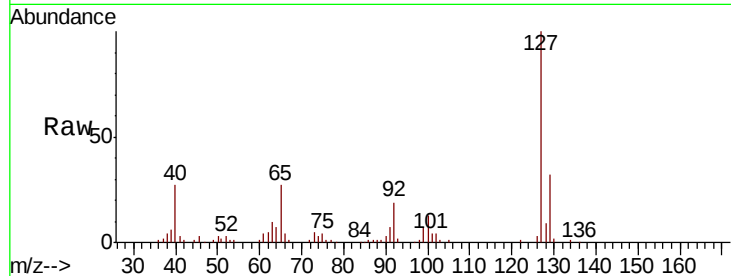




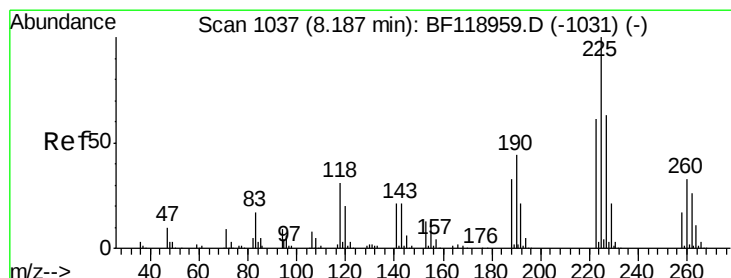
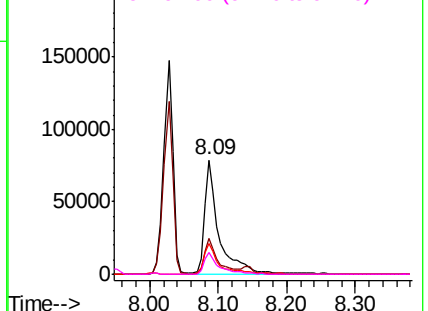
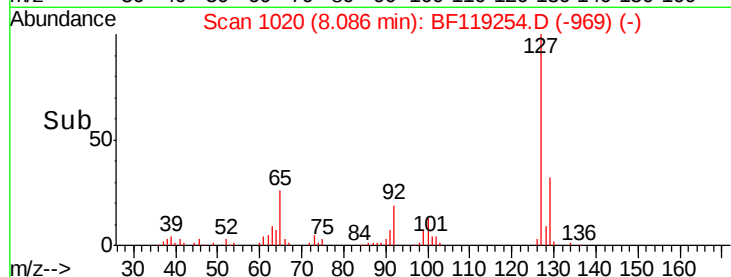
#33
4-Chloroaniline
Concen: 11.999 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 119386
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9
65 27.0 23.9 35.9
92 19.0 16.3 24.5

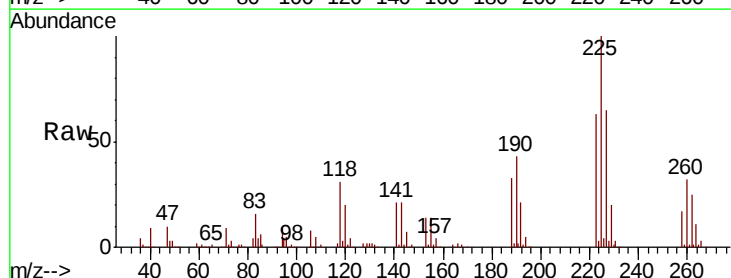


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

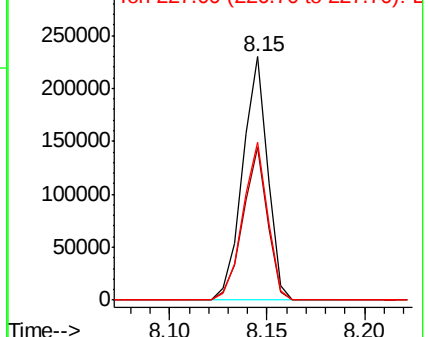
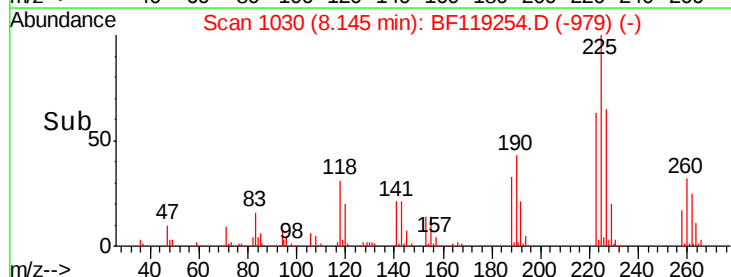


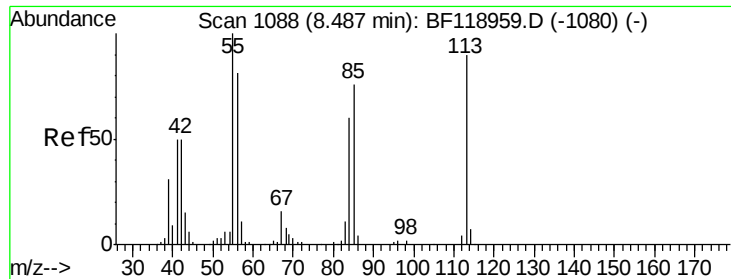
#34
Hexachlorobutadiene
Concen: 39.100 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:225 Resp: 204225
Ion Ratio Lower Upper
225 100
223 62.7 49.4 74.2
227 64.7 52.9 79.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

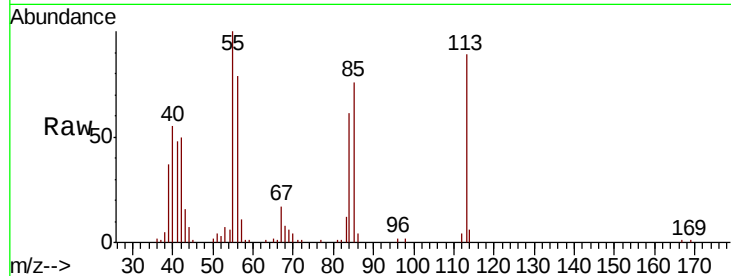




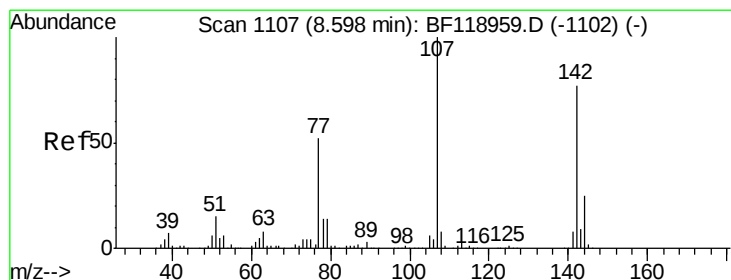
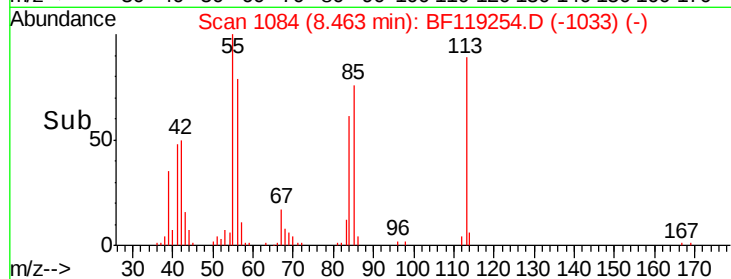
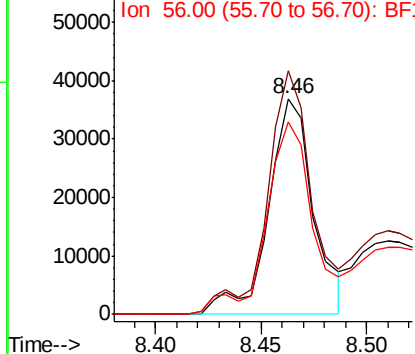
#35
 Caprolactam
 Concen: 25.030 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 54507
 Ion Ratio Lower Upper
 113 100
 55 112.7 95.7 135.7
 56 89.1 73.1 113.1

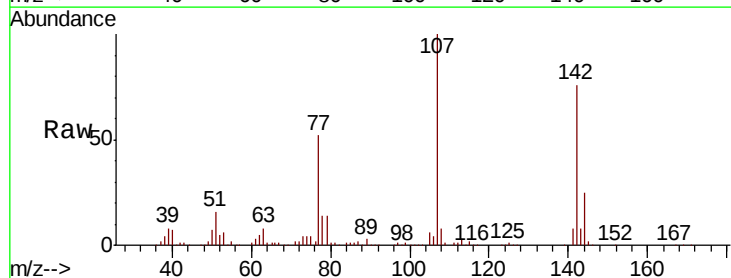


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

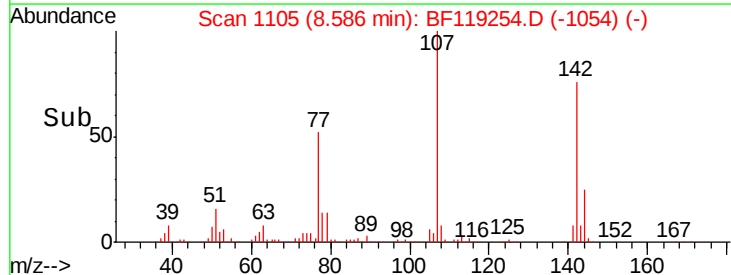
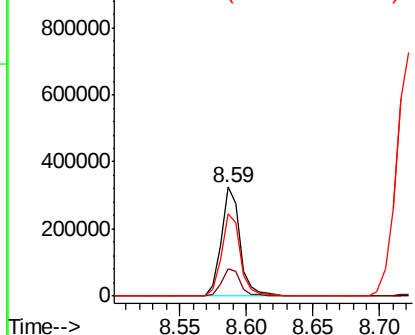


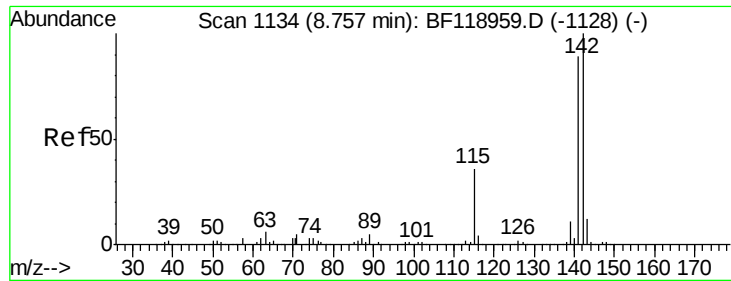
#36
 4-Chloro-3-methylphenol
 Concen: 45.710 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion:107 Resp: 327166
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.1 30.1
 142 75.6 61.4 92.2



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

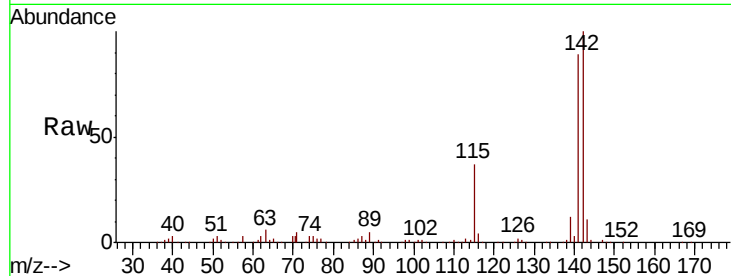




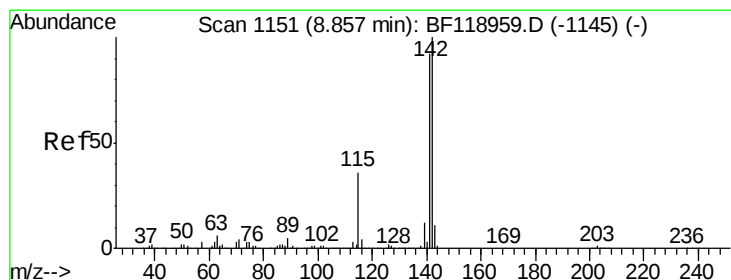
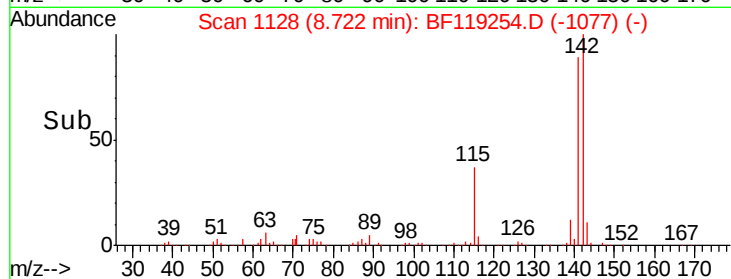
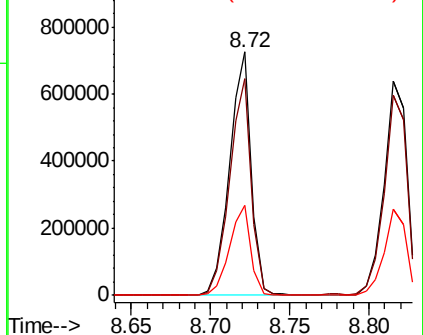
#37
2-Methylnaphthalene
Concen: 43.827 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 682301
Ion Ratio Lower Upper
142 100
141 89.3 72.3 108.5
115 36.9 30.6 45.8

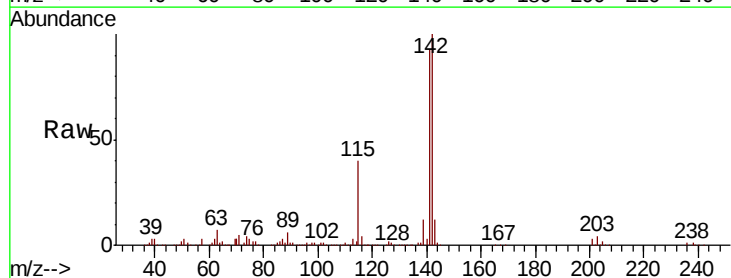


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

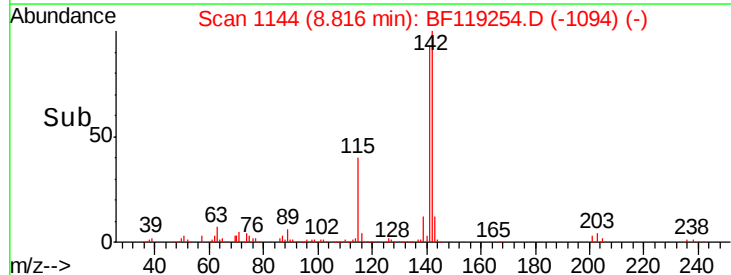
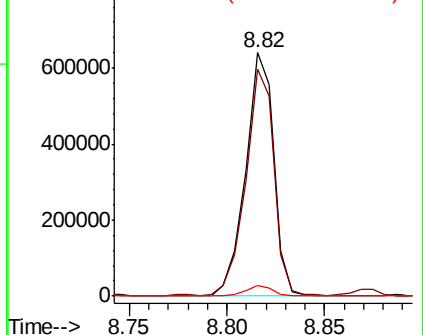


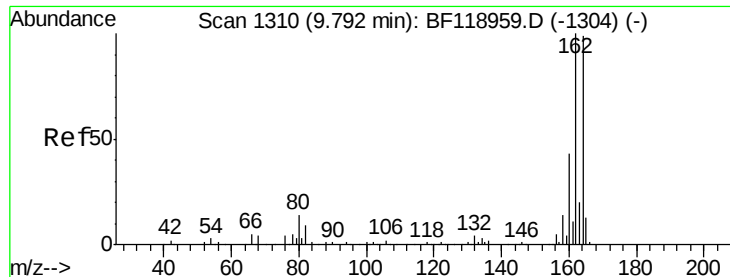
#38
1-Methylnaphthalene
Concen: 43.487 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:142 Resp: 636699
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

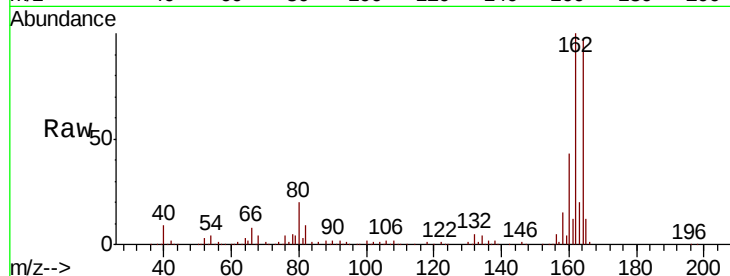




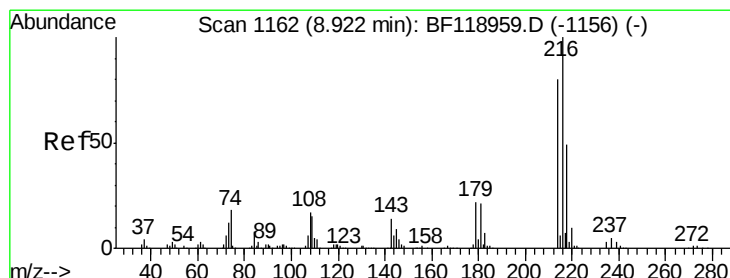
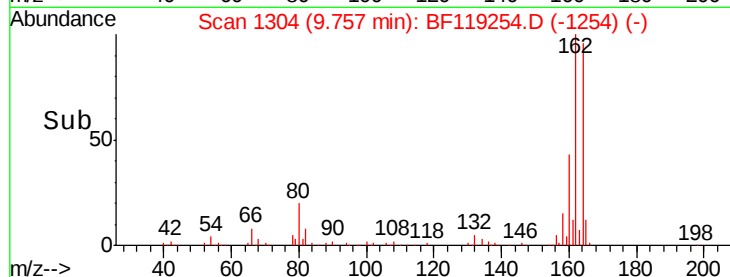
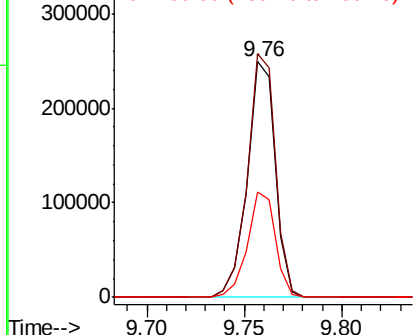
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 247505
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.8
160 44.6 36.0 54.0

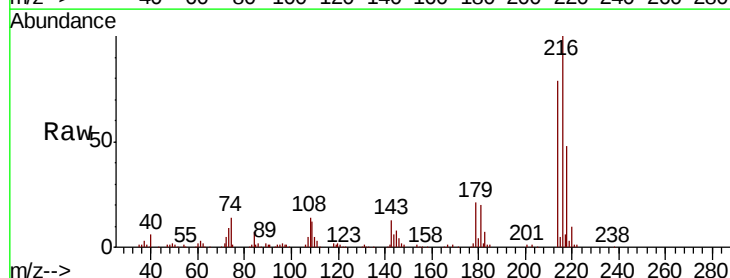


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

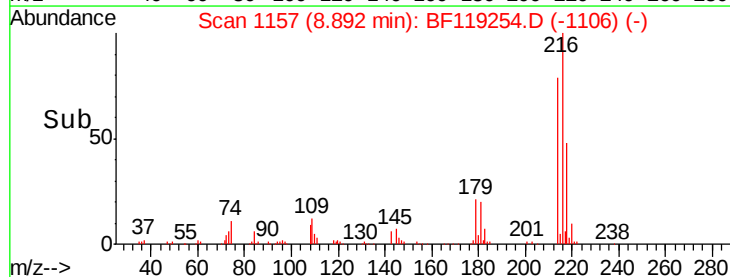
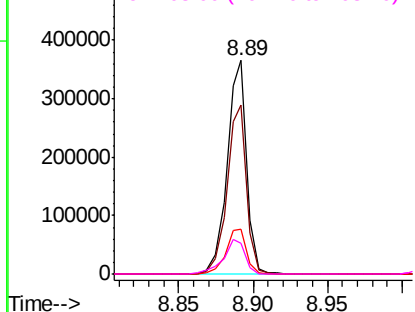


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.608 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:216 Resp: 338867
Ion Ratio Lower Upper
216 100
214 79.4 63.3 94.9
179 21.7 17.7 26.5
108 18.0 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: 46.435 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

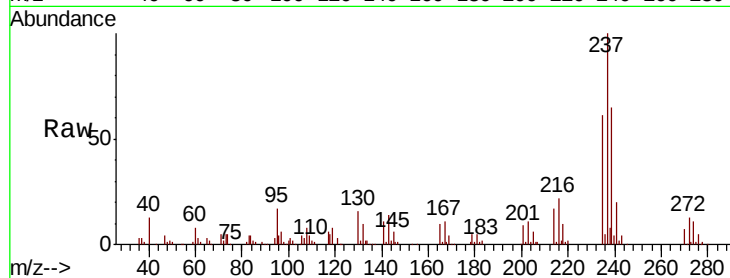
Tot Ion:237 Resp: 127482

Ion Ratio Lower Upper

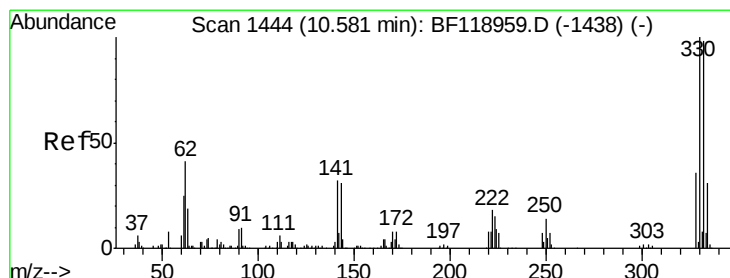
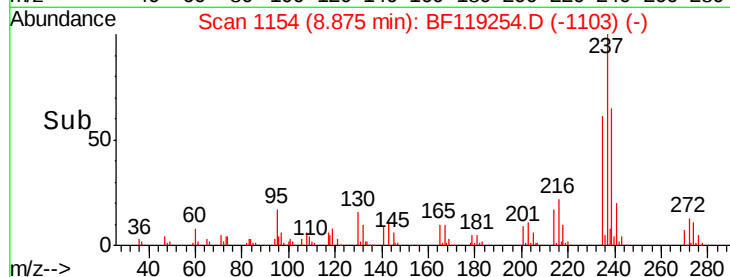
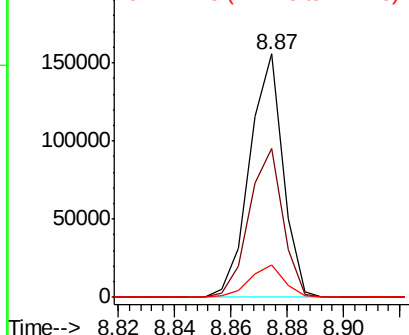
237 100

235 61.1 42.3 82.3

272 13.1 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: 94.324 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

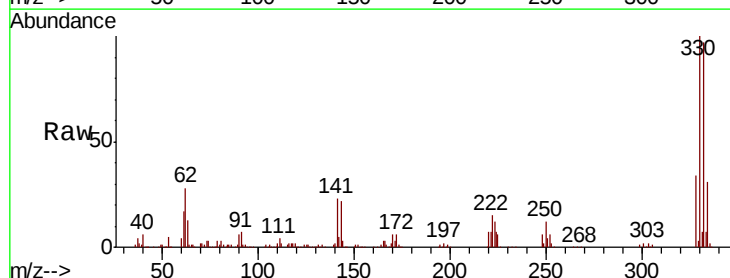
Tgt Ion:330 Resp: 305401

Ion Ratio Lower Upper

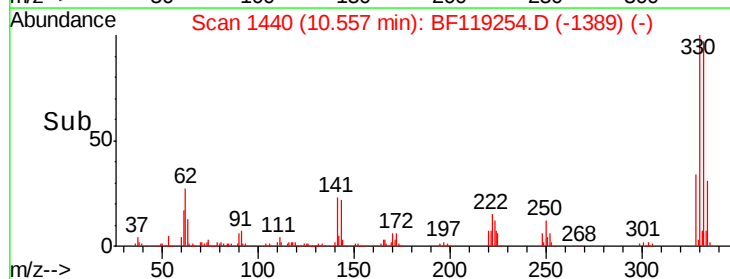
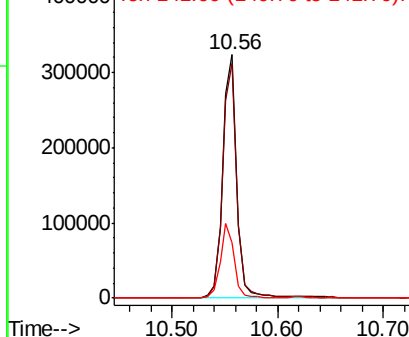
330 100

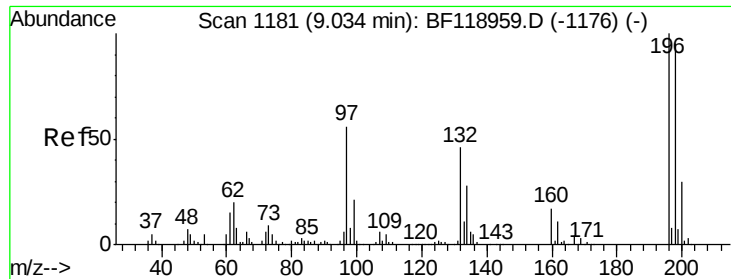
332 98.1 76.0 114.0

141 30.2 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

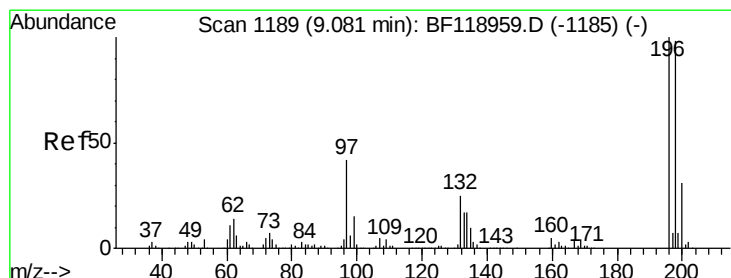
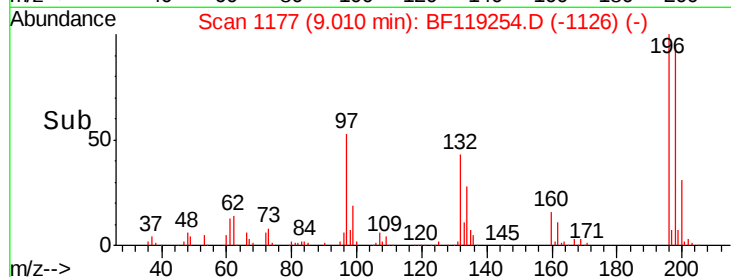
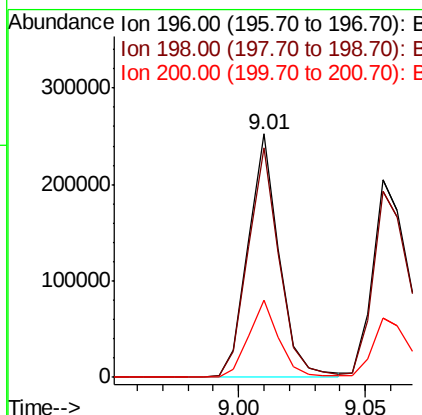
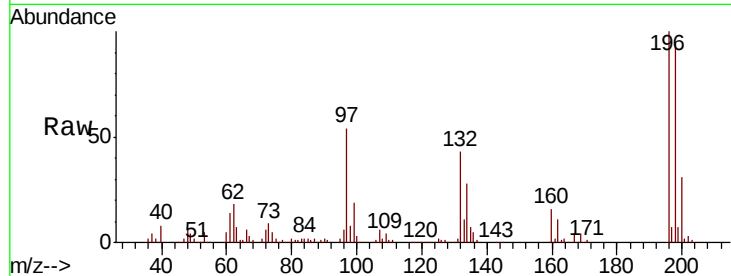




#43
 2,4,6-Trichlorophenol
 Concen: 40.827 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

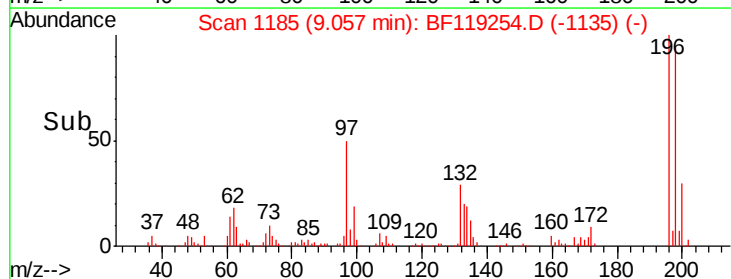
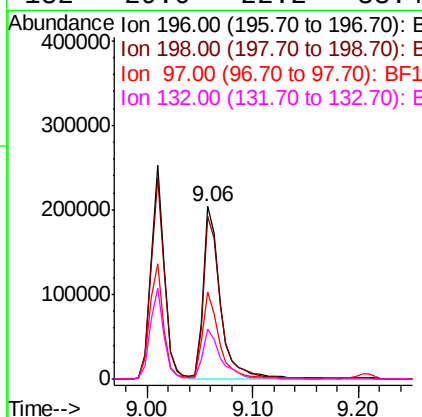
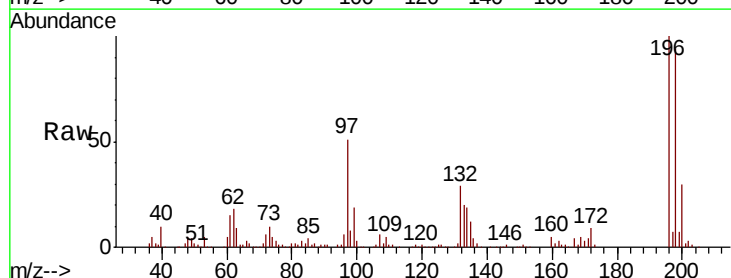
Instrument :
 BNA_F
 ClientSampleId :

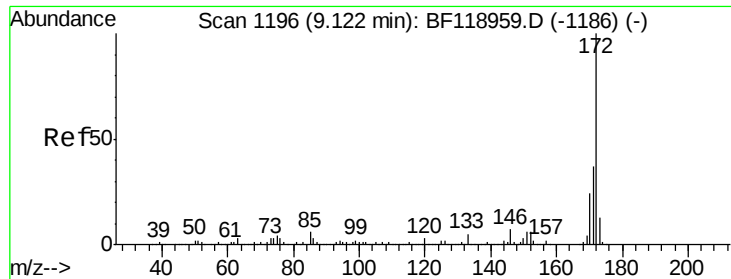
Tot Ion:196 Resp: 215148
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.1 115.7
 200 31.5 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.313 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion:196 Resp: 228452
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.8 115.2
 97 50.7 38.5 57.7
 132 29.0 22.2 33.4



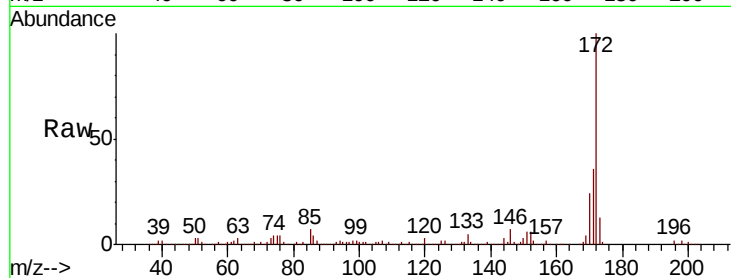


#45
 2-Fluorobiphenyl
 Concen: 65.266 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

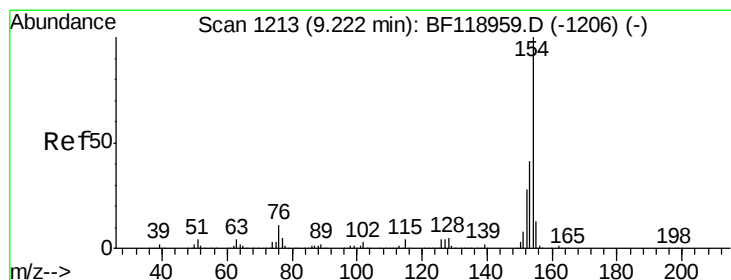
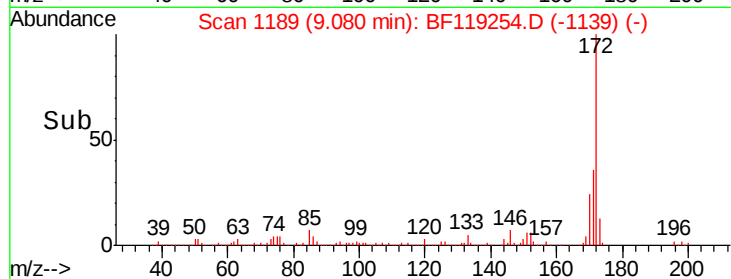
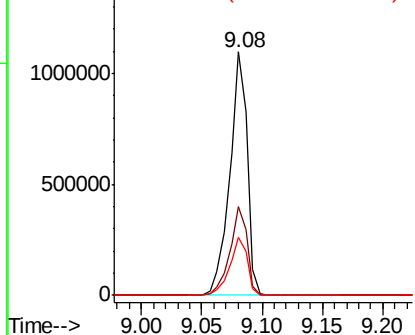
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1096516

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	45.8
170	24.1	20.2	30.2



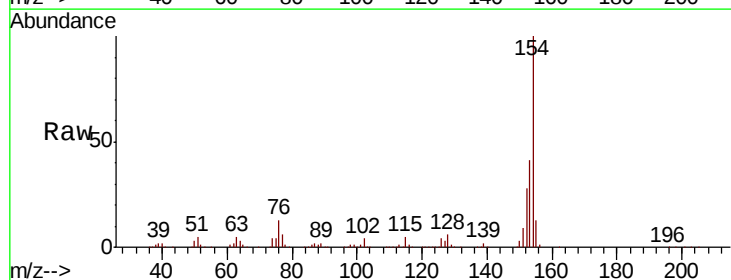
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



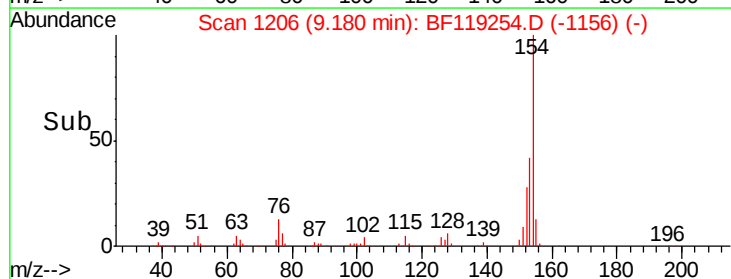
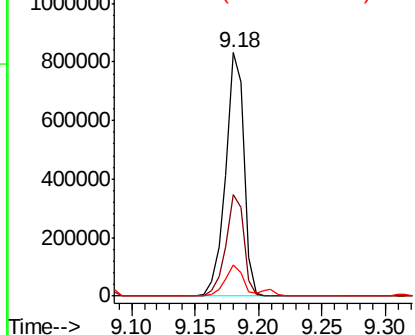
#46
 1,1'-Biphenyl
 Concen: 41.514 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

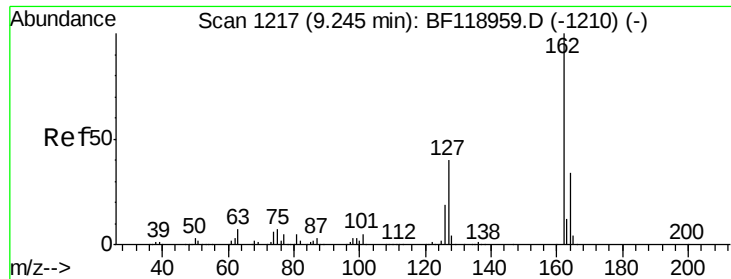
Tgt Ion:154 Resp: 830418

Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.8	62.8
76	12.7	0.0	32.2



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

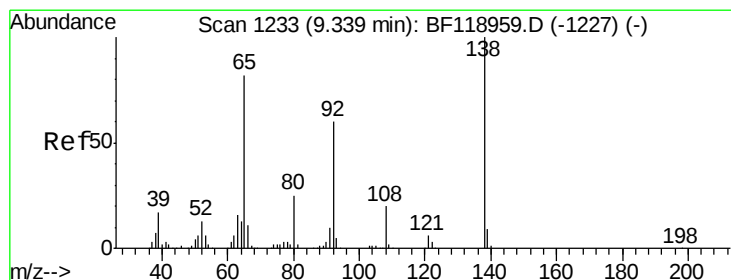
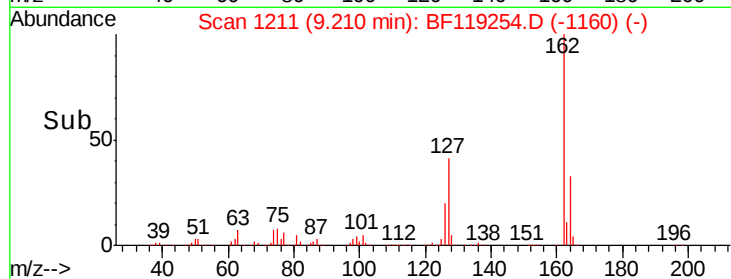
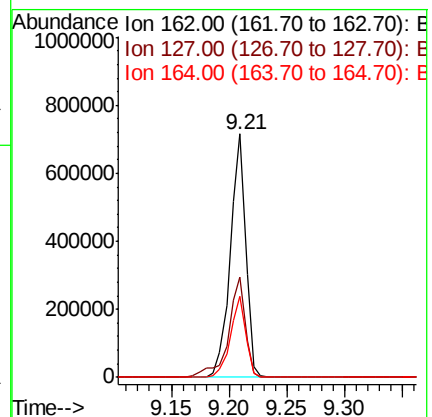
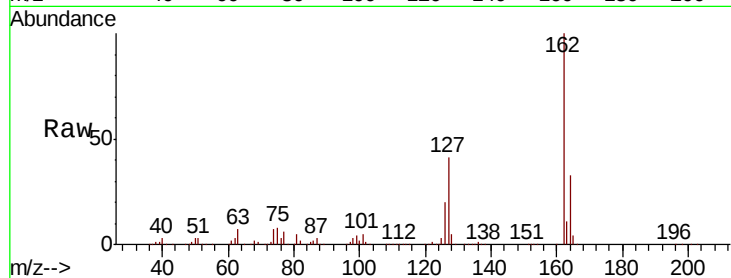




#47
 2-Chloronaphthalene
 Concen: 41.050 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

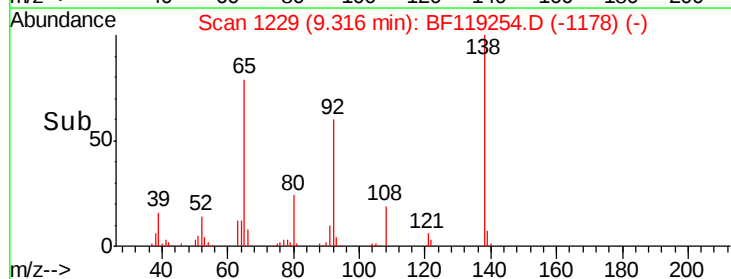
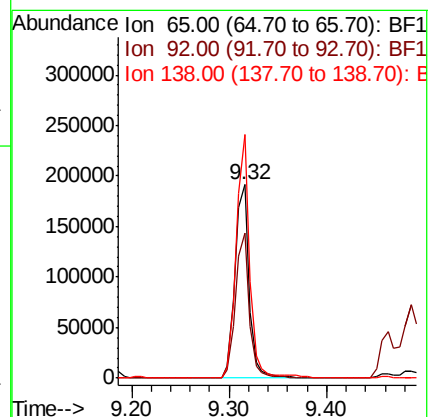
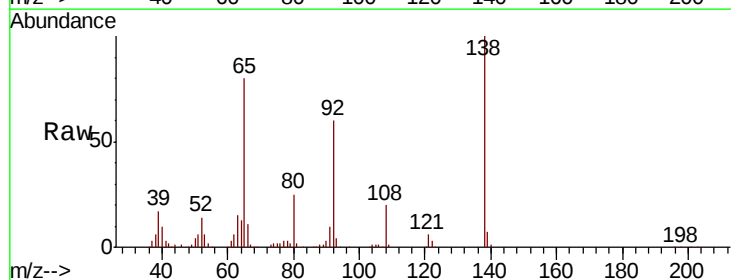
Instrument :
 BNA_F
 ClientSampled :

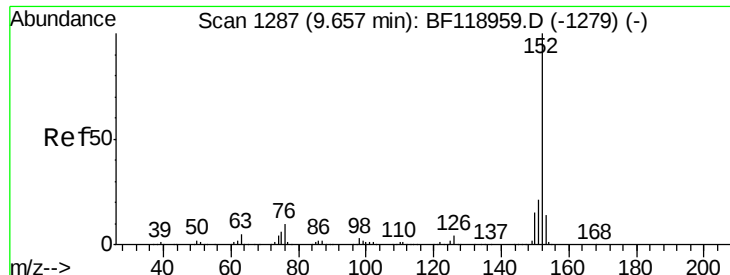
Tot Ion:162 Resp: 661723
 Ion Ratio Lower Upper
 162 100
 127 41.3 35.0 52.4
 164 33.1 27.2 40.8



#48
 2-Nitroaniline
 Concen: 43.584 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion: 65 Resp: 195956
 Ion Ratio Lower Upper
 65 100
 92 75.2 58.2 87.2
 138 125.8 95.6 143.4





#49

Acenaphthylene

Concen: 43.647 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

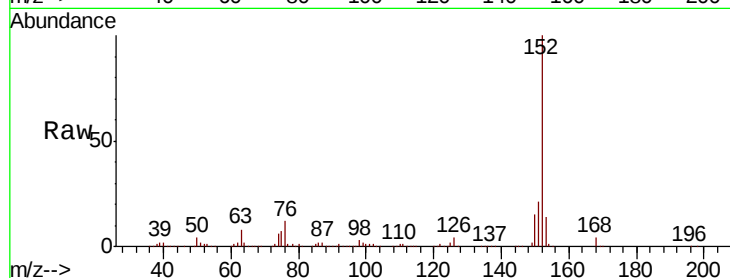
Tot Ion:152 Resp: 1016170

Ion Ratio Lower Upper

152 100

151 21.0 16.9 25.3

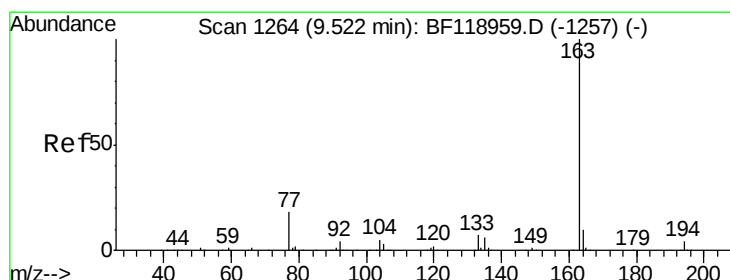
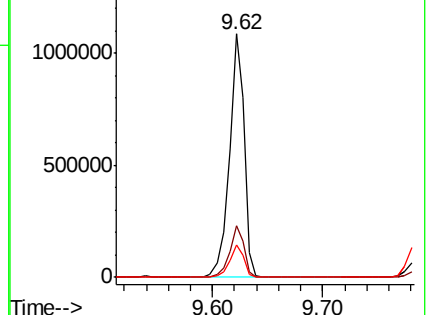
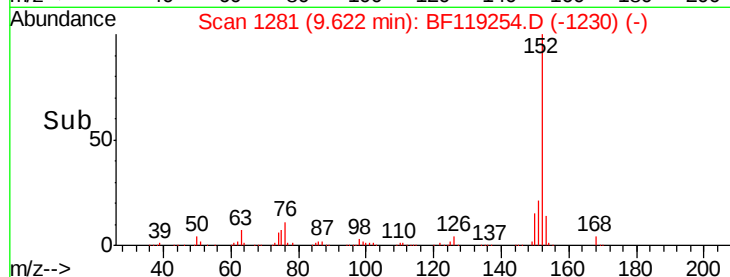
153 13.5 11.0 16.6



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: 47.760 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

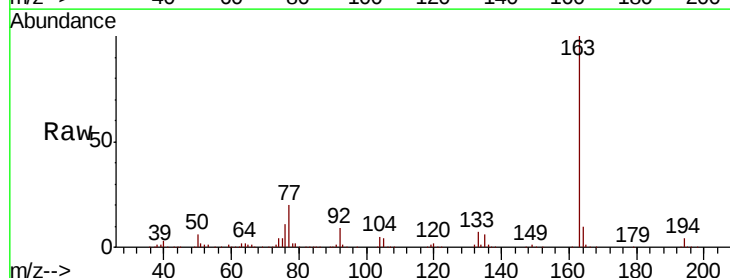
Tgt Ion:163 Resp: 903919

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

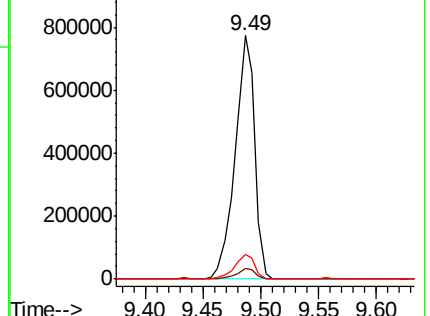
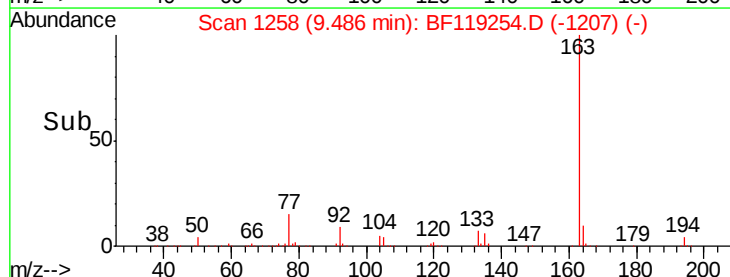
164 10.2 8.4 12.6

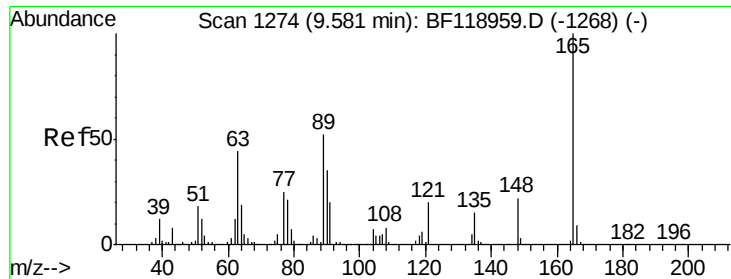


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

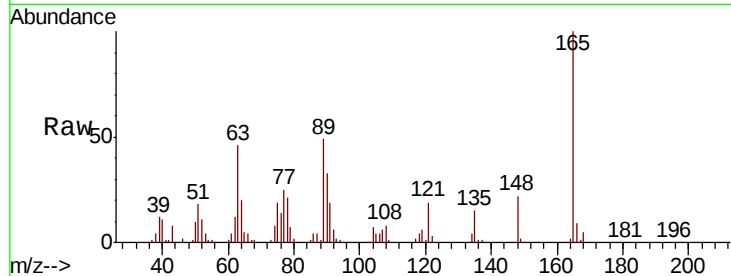




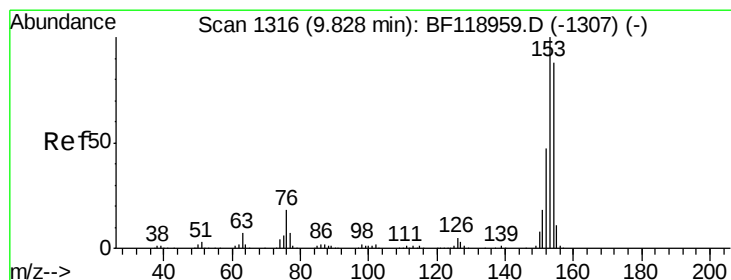
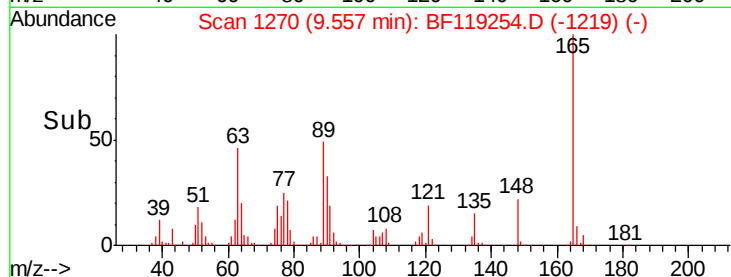
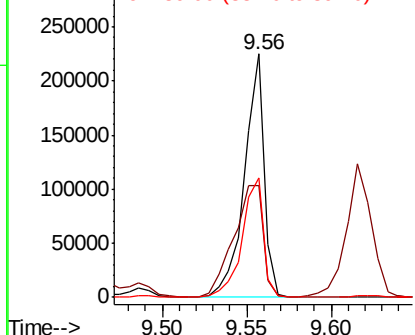
#51
 2,6-Dinitrotoluene
 Concen: 43.933 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 184733
 Ion Ratio Lower Upper
 165 100
 63 46.0 34.3 51.5
 89 49.0 38.3 57.5

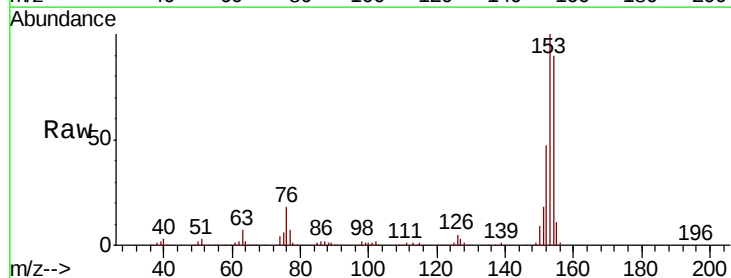


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

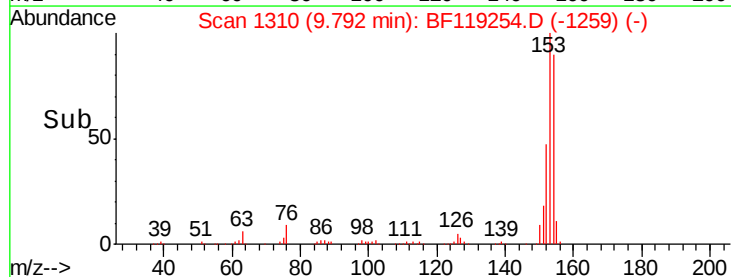
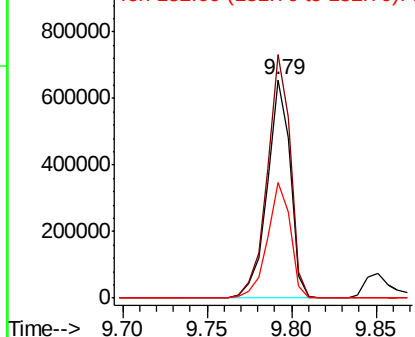


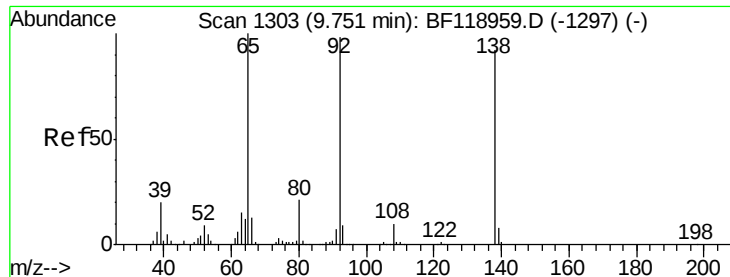
#52
 Acenaphthene
 Concen: 43.595 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion:154 Resp: 612015
 Ion Ratio Lower Upper
 154 100
 153 111.5 90.3 135.5
 152 52.9 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

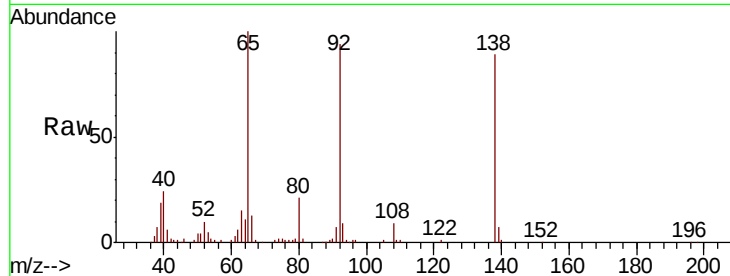




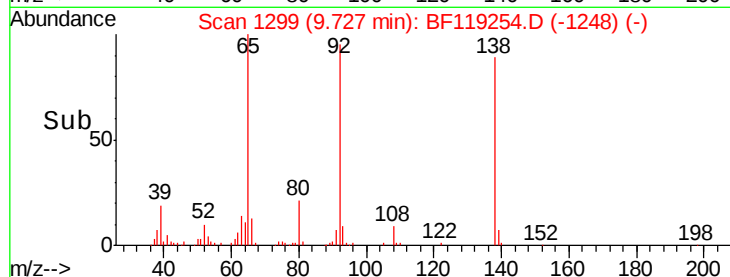
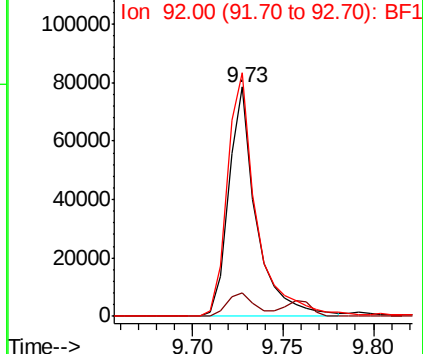
#53
3-Nitroaniline
Concen: 17.792 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 82938
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 106.3 84.8 127.2

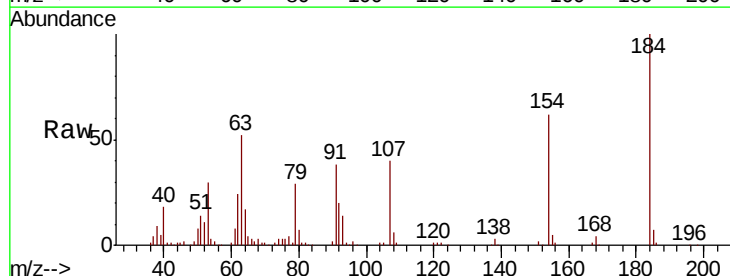


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

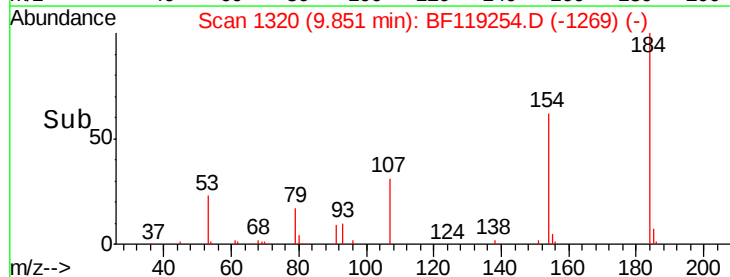
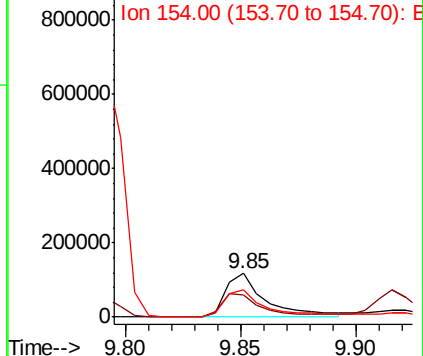


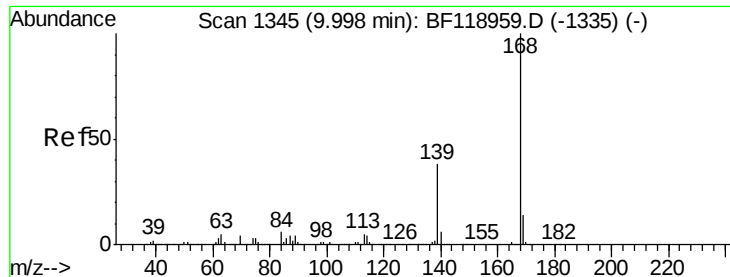
#54
2,4-Dinitrophenol
Concen: 70.560 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:184 Resp: 142212
Ion Ratio Lower Upper
184 100
63 52.1 38.7 58.1
154 62.2 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

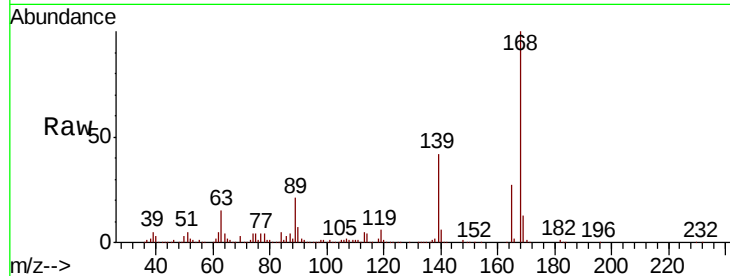




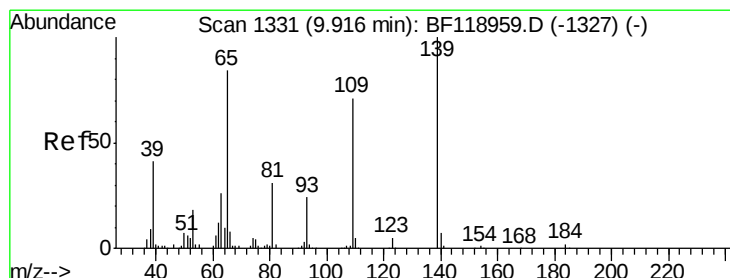
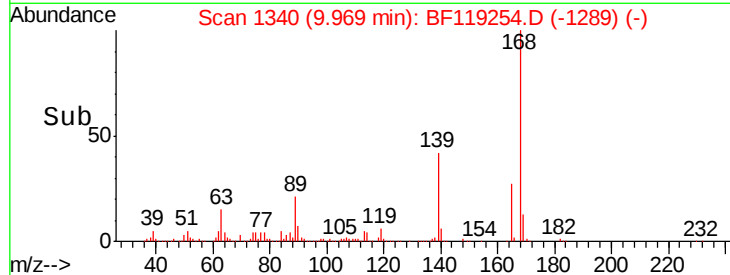
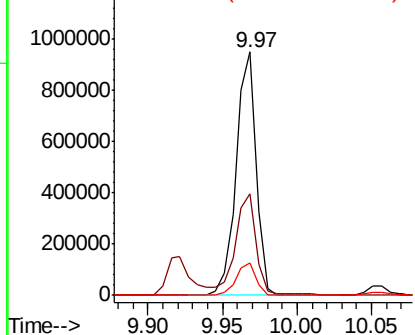
#55
Dibenzofuran
Concen: 42.727 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 895305
Ion Ratio Lower Upper
168 100
139 41.7 34.0 51.0
169 13.3 11.0 16.4

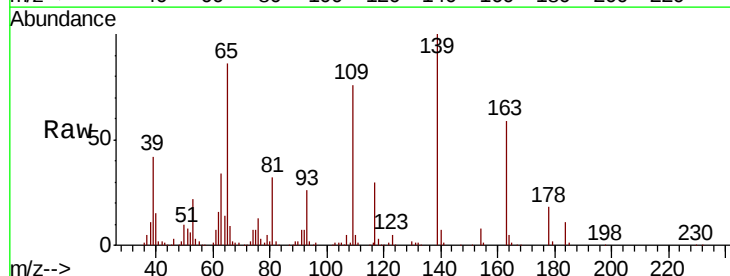


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

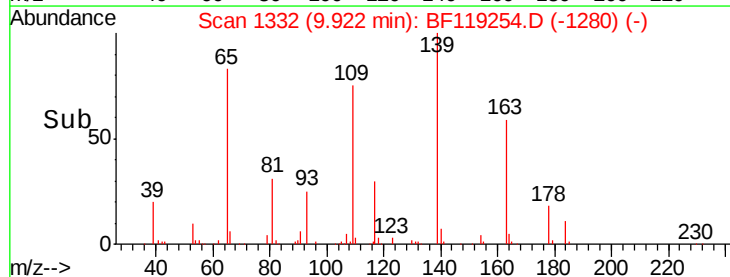
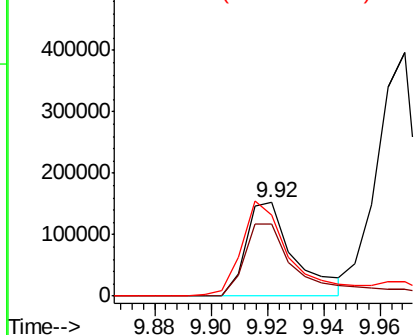


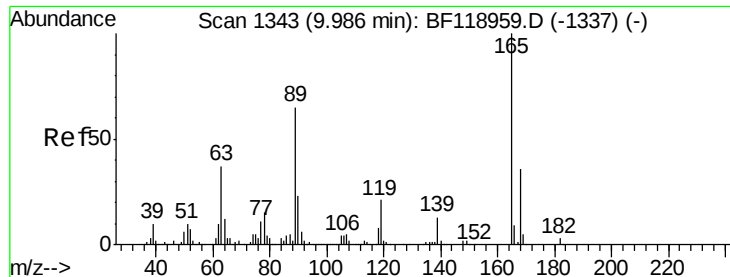
#56
4-Nitrophenol
Concen: 64.639 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:139 Resp: 181038
Ion Ratio Lower Upper
139 100
109 76.5 56.7 96.7
65 86.1 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

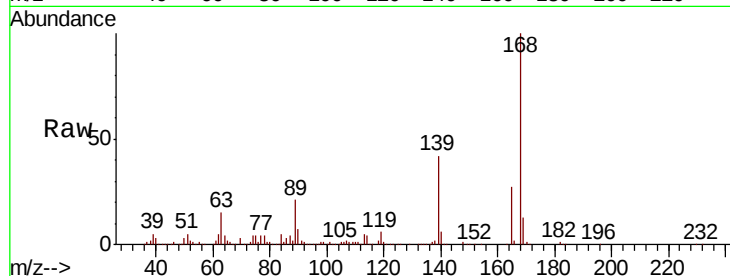




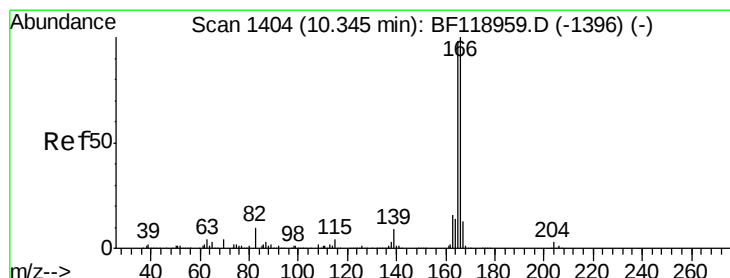
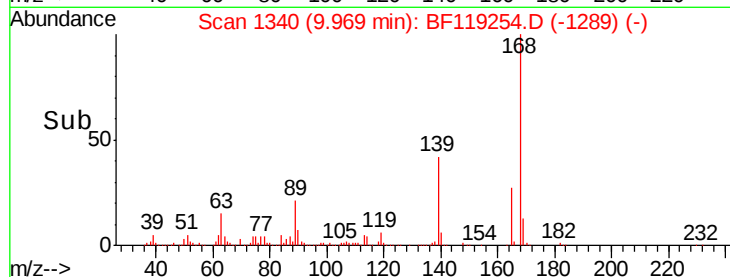
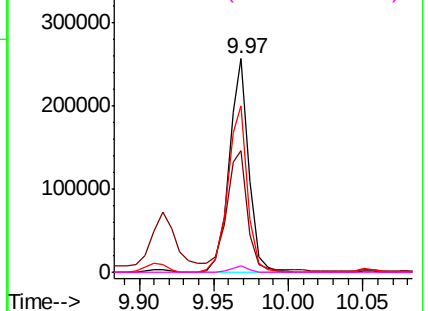
#57
2,4-Dinitrotoluene
Concen: 43.575 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	237494
Ion	Ratio	Lower	Upper
165	100		
63	56.7	42.3	63.5
89	78.0	60.2	90.4
182	2.8	2.3	3.5

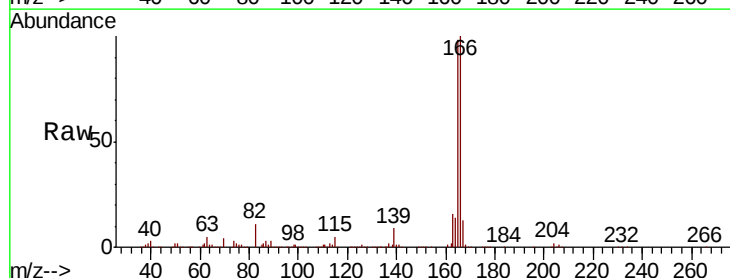


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

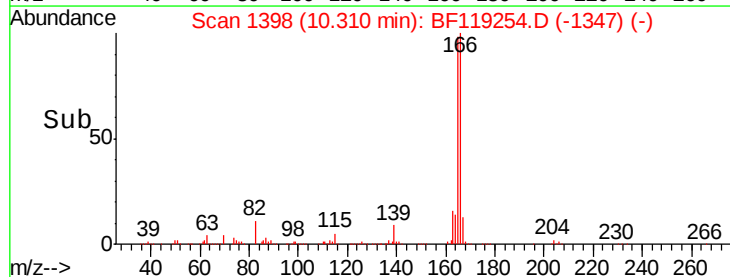
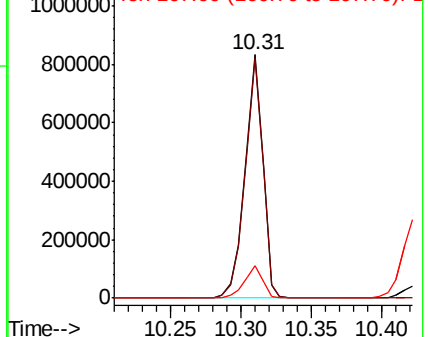


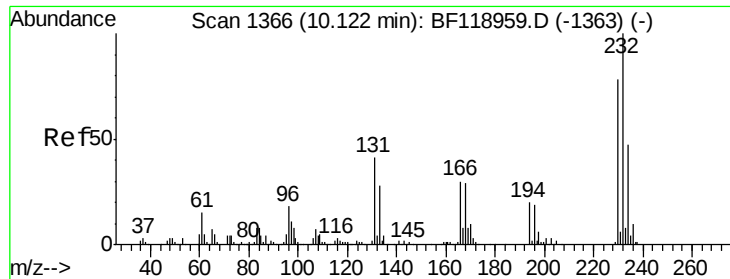
#58
Fluorene
Concen: 45.215 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:	166	Resp:	736212
Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.5	117.7
167	13.4	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

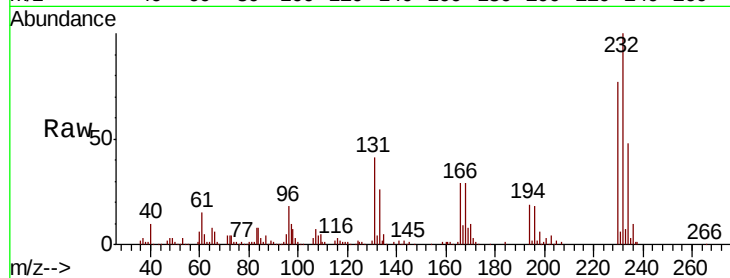




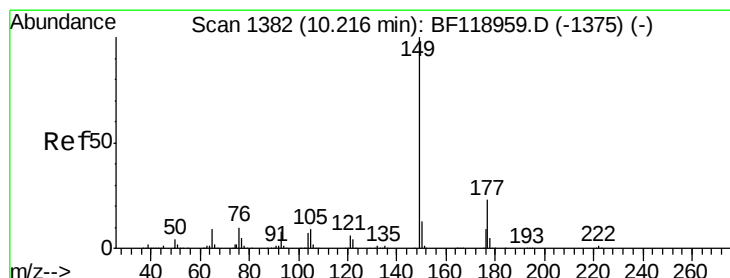
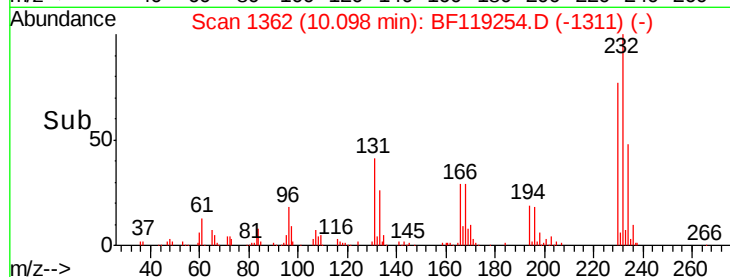
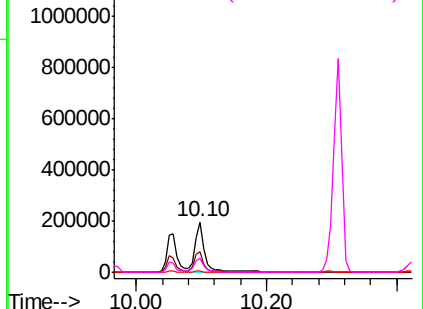
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.027 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	200766
Ion	Ratio	Lower	Upper
232	100		
131	40.3	33.8	50.8
130	2.4	1.8	2.6
166	28.3	23.0	34.4

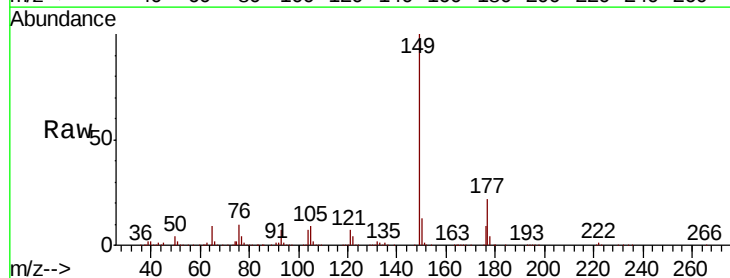


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

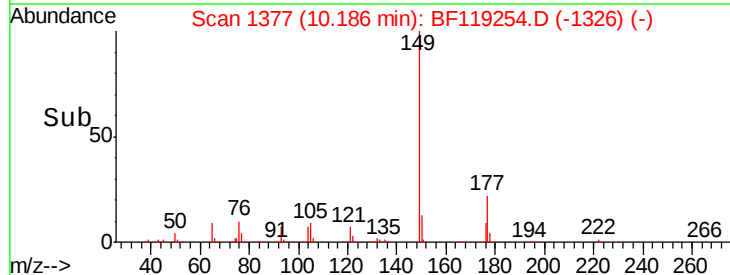
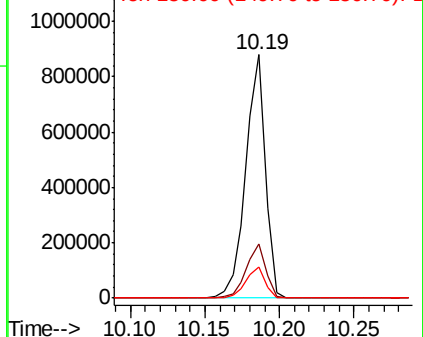


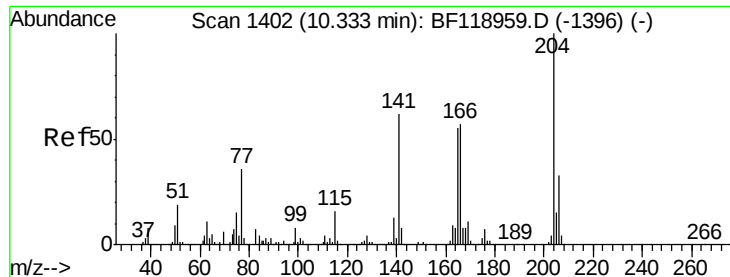
#60
 Diethylphthalate
 Concen: 44.888 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion:	149	Resp:	800606
Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.2
150	12.8	10.5	15.7



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

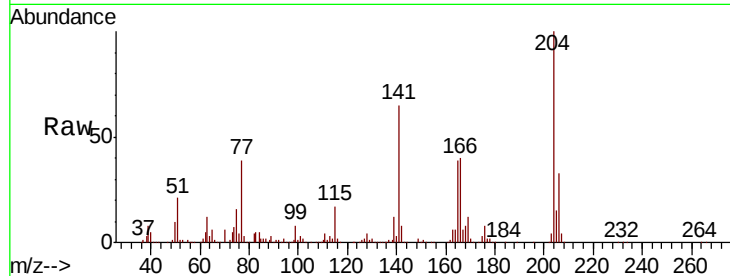




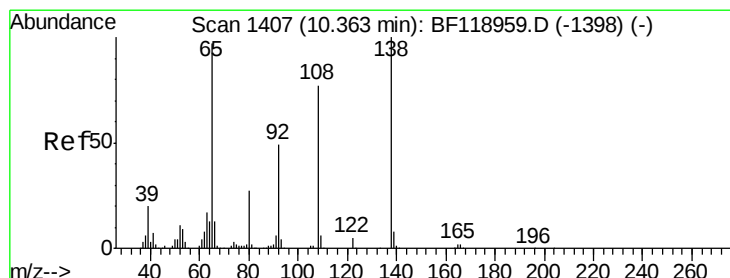
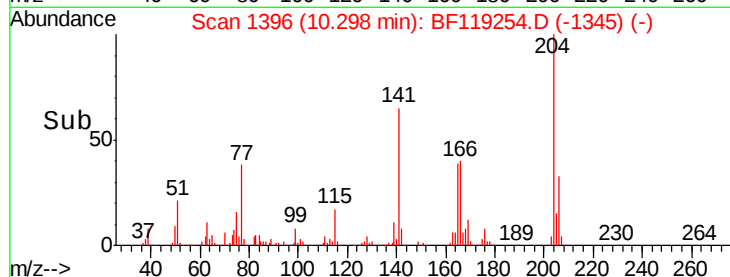
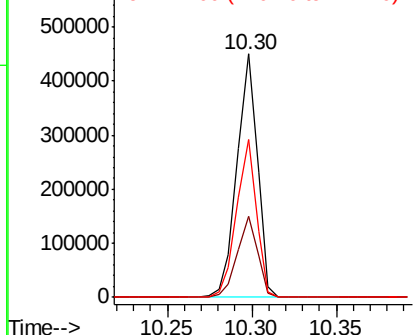
#61
4-Chlorophenyl-phenylether
Concen: 44.063 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 379761
Ion Ratio Lower Upper
204 100
206 33.4 27.1 40.7
141 65.1 52.9 79.3

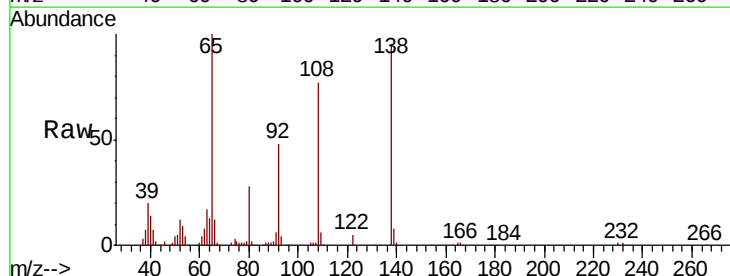


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

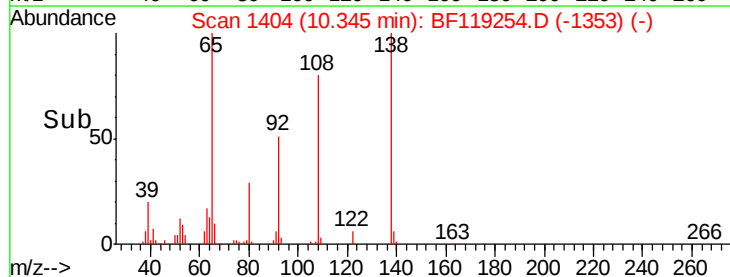
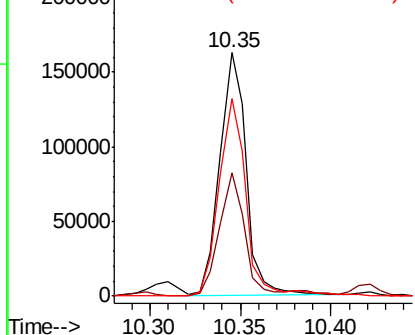


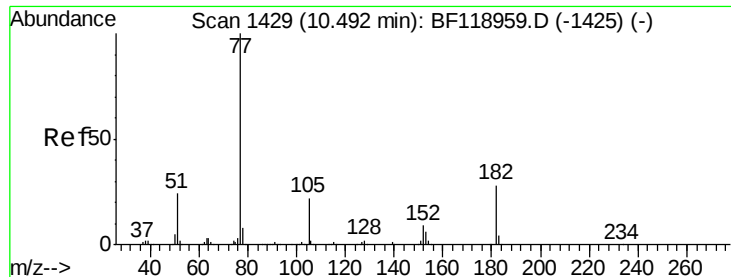
#62
4-Nitroaniline
Concen: 34.641 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:138 Resp: 165214
Ion Ratio Lower Upper
138 100
92 50.9 27.3 67.3
108 81.3 57.0 97.0



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

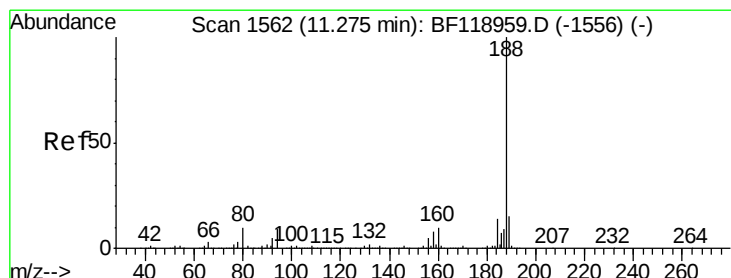
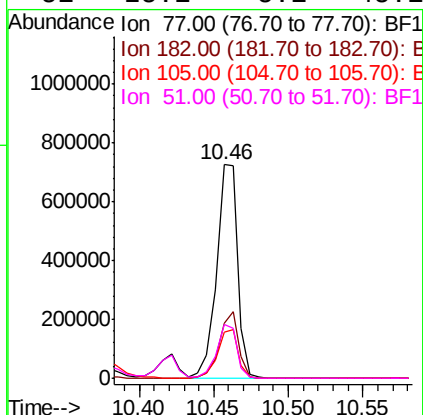
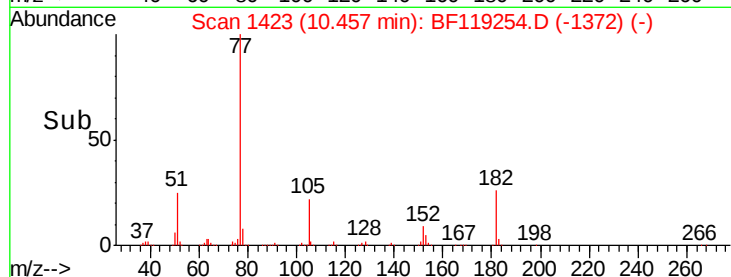
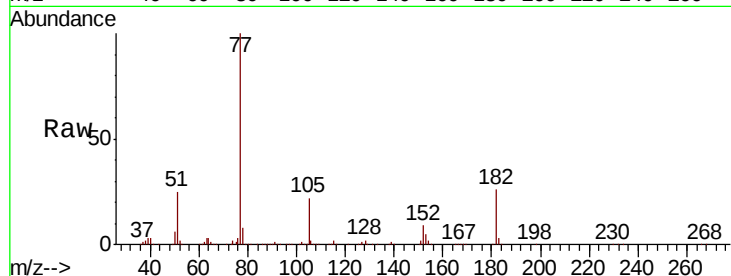




#63
Azobenzene
Concen: 46.259 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

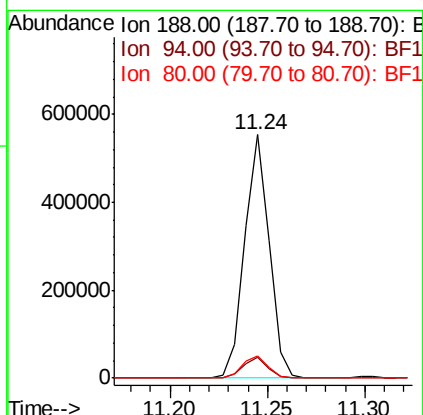
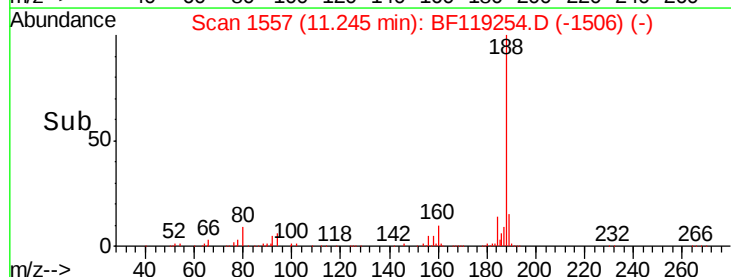
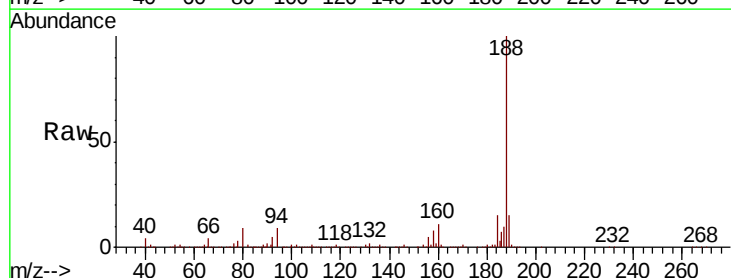
Instrument :
BNA_F
ClientSampleId :

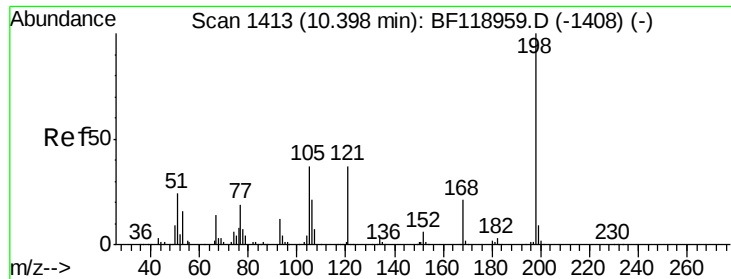
Tot Ion:	77	Resp:	717152
Ion	Ratio	Lower	Upper
77	100		
182	25.7	11.4	51.4
105	21.7	3.4	43.4
51	25.1	5.1	45.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:	188	Resp:	482627
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.4	7.8	11.8

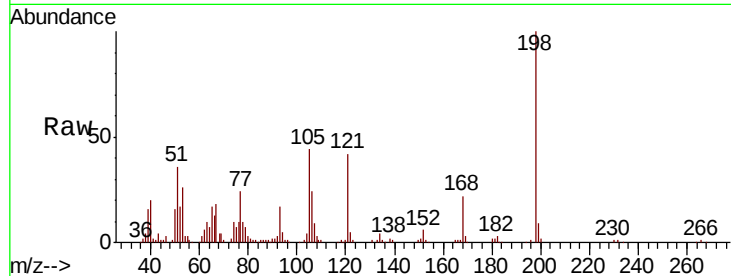




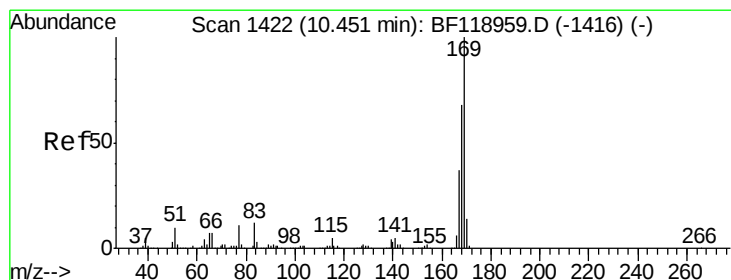
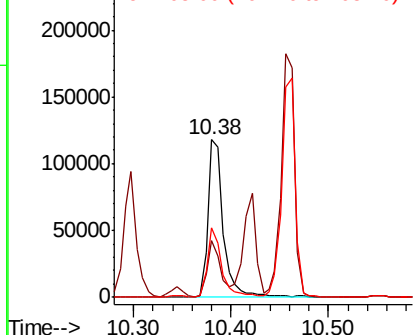
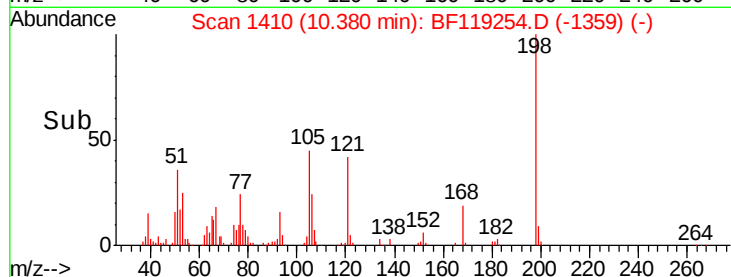
#65
4,6-Dinitro-2-methylphenol
Concen: 44.713 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 130583
Ion Ratio Lower Upper
198 100
51 36.0 14.2 54.2
105 44.3 22.7 62.7

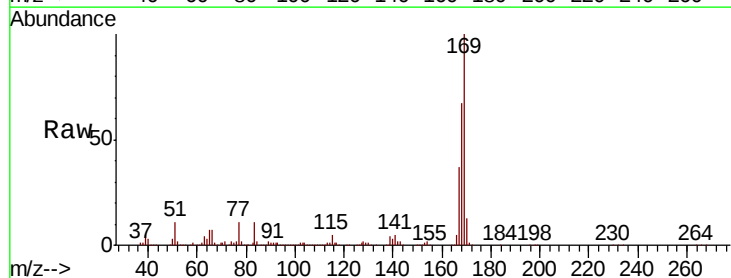


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

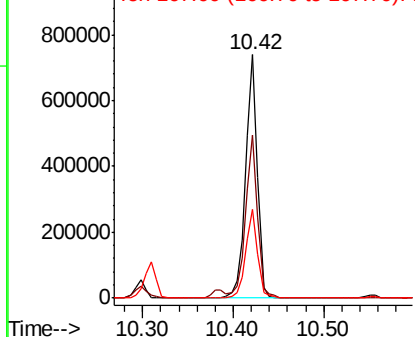
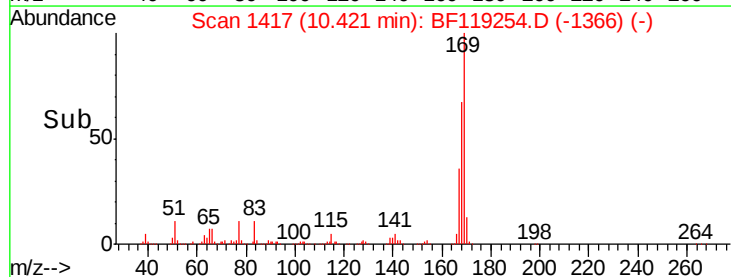


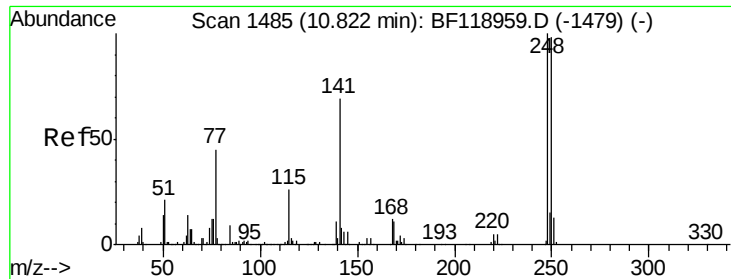
#66
n-Nitrosodiphenylamine
Concen: 42.472 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:169 Resp: 671182
Ion Ratio Lower Upper
169 100
168 66.9 54.1 81.1
167 36.6 29.4 44.0



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

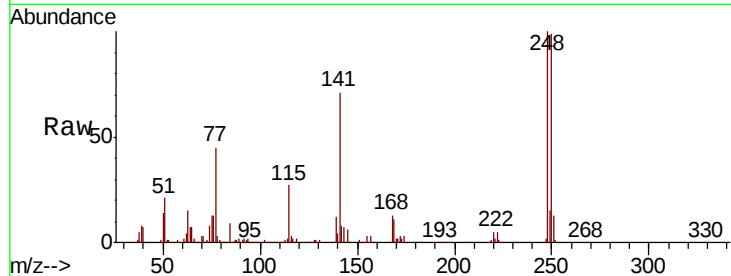




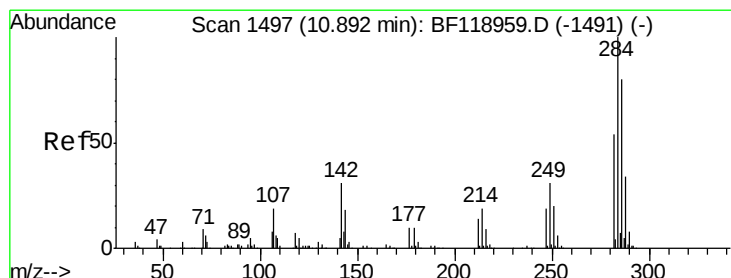
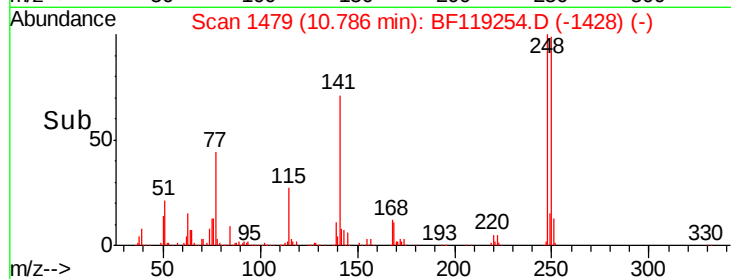
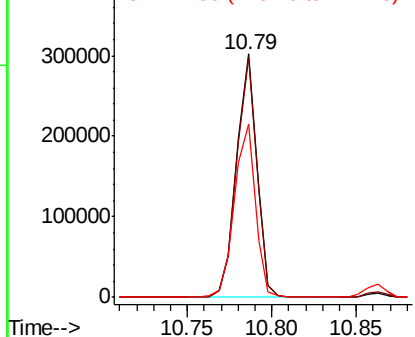
#67
 4-Bromophenyl-phenylether
 Concen: 40.079 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 252840
 Ion Ratio Lower Upper
 248 100
 250 98.5 76.7 115.1
 141 71.2 60.7 91.1

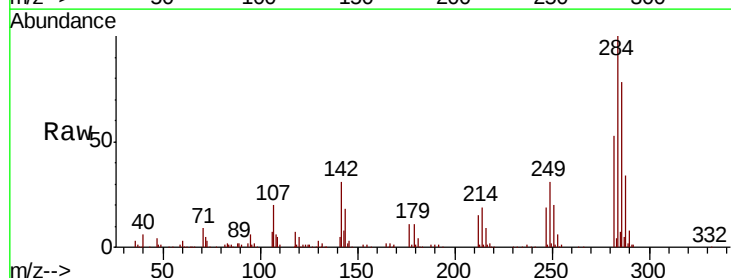


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

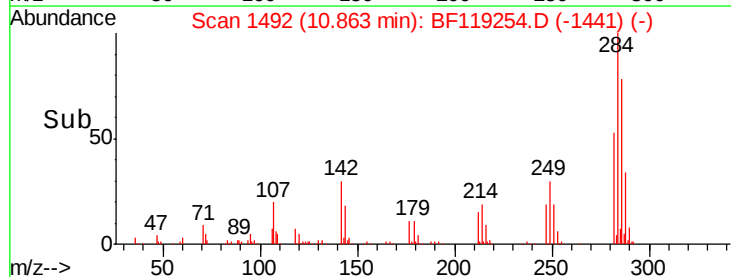
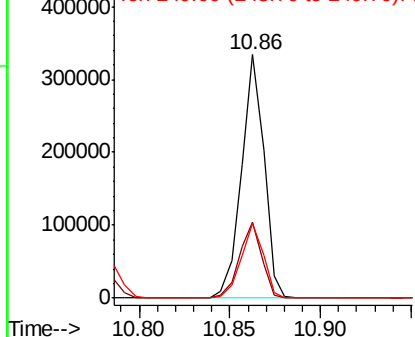


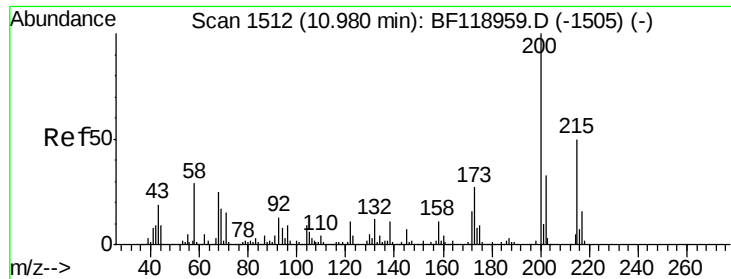
#68
 Hexachlorobenzene
 Concen: 39.726 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion:284 Resp: 288941
 Ion Ratio Lower Upper
 284 100
 142 31.1 23.7 35.5
 249 30.8 25.0 37.6



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

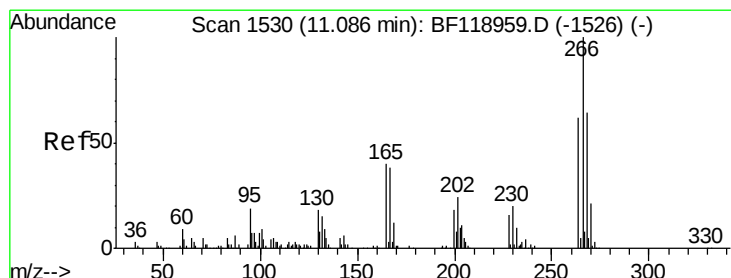
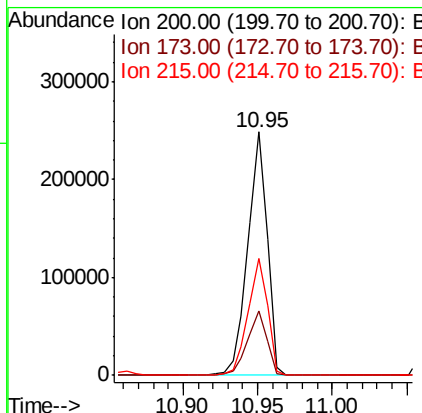
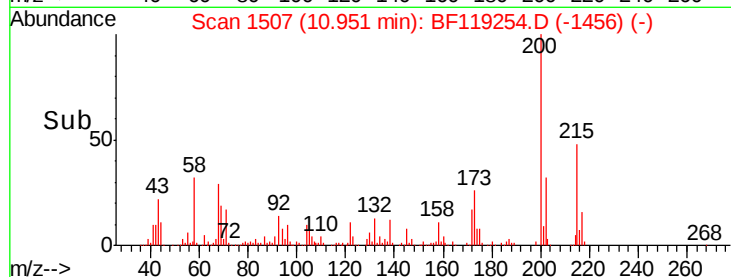
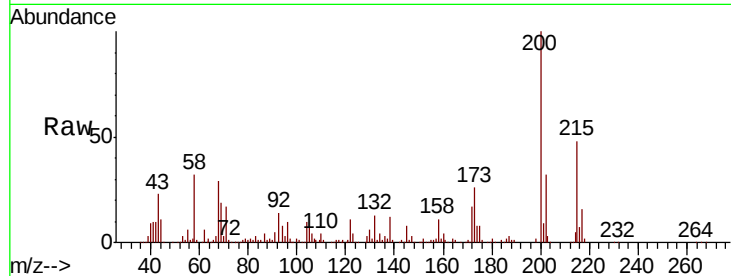




#69
Atrazine
Concen: 40.642 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

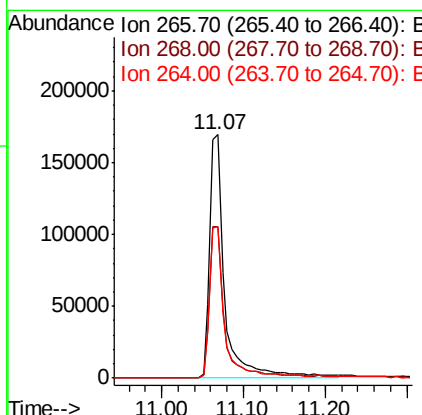
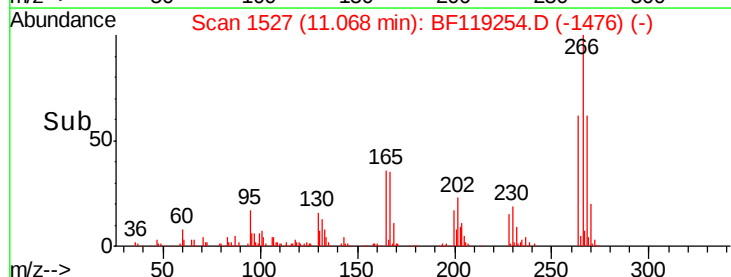
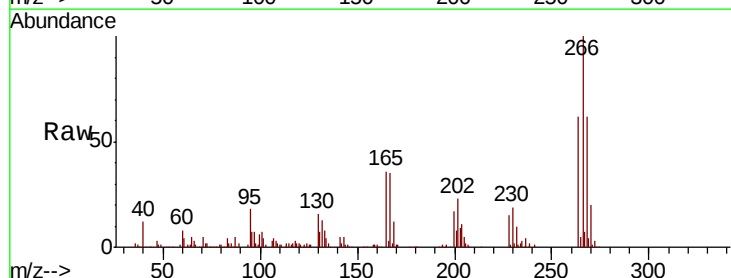
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.4	46.4
215	47.8	27.4	67.4



#70
Pentachlorophenol
Concen: 74.756 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.9	77.9
264	62.2	51.0	76.4





#71

Phenanthrene

Concen: 42.245 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

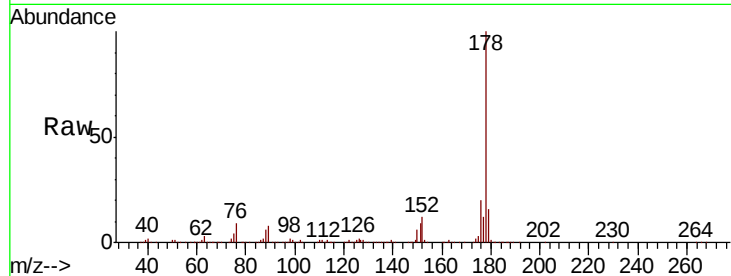
Tot Ion:178 Resp: 1111883

Ion Ratio Lower Upper

178 100

176 19.7 16.5 24.7

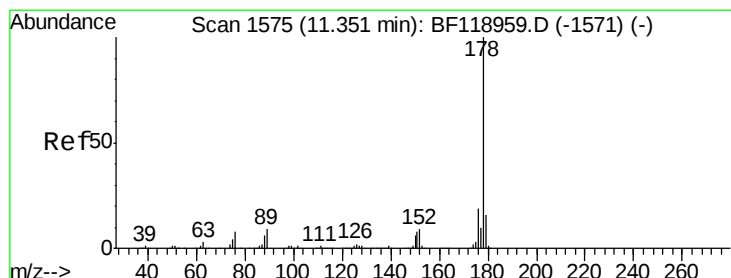
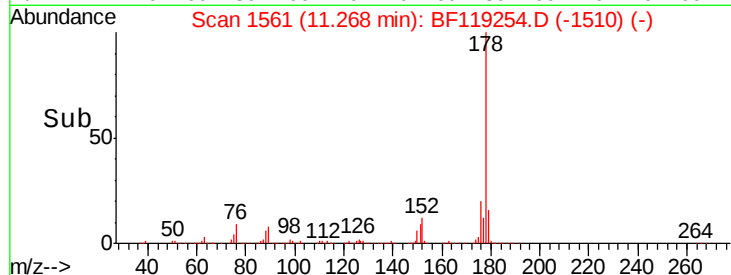
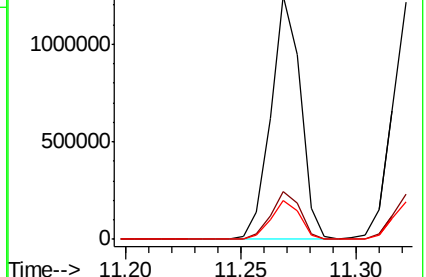
179 15.7 13.0 19.6



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: 44.729 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

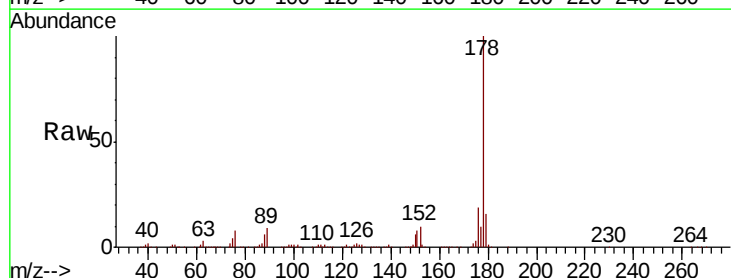
Tgt Ion:178 Resp: 1176287

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

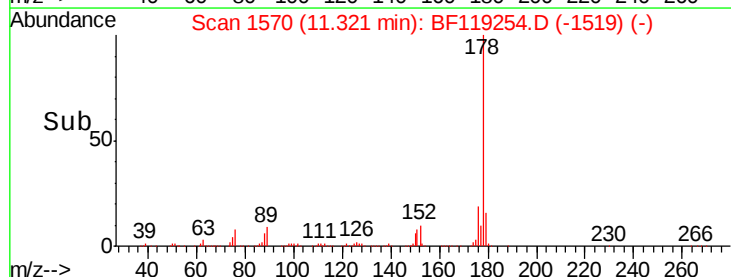
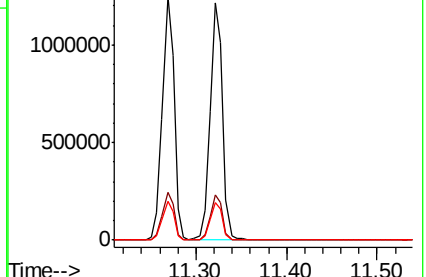
179 15.9 13.1 19.7



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



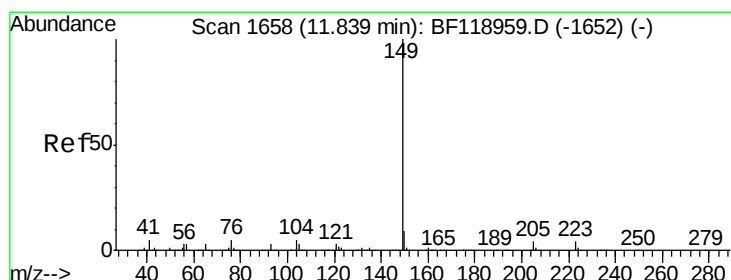
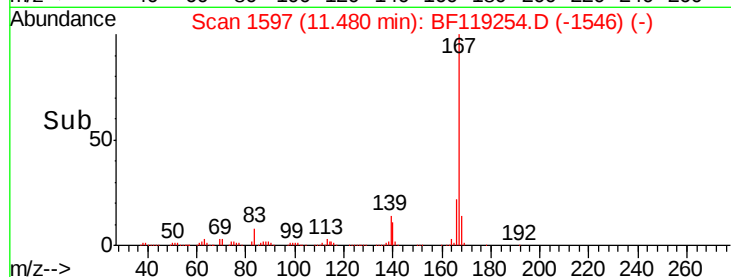
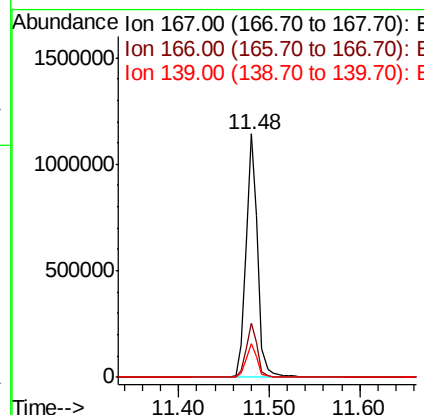
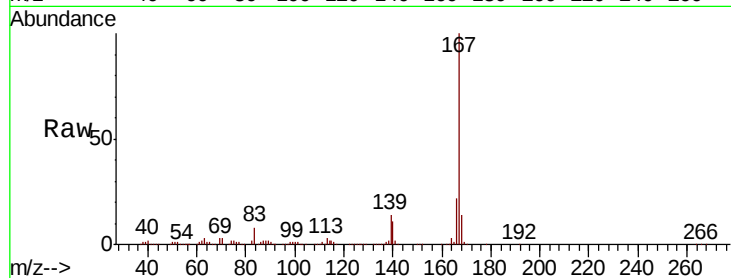


#73
 Carbazole
 Concen: 44.089 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1032947

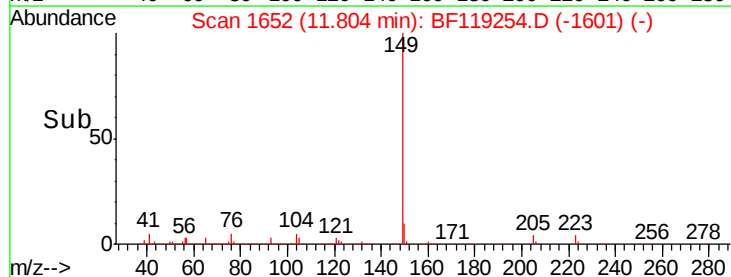
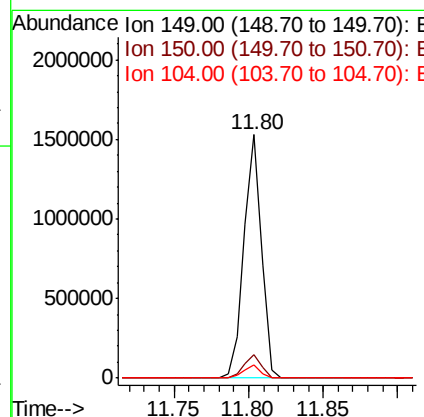
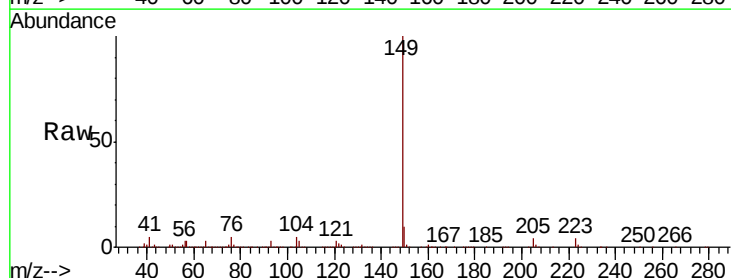
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	14.1	11.7	17.5

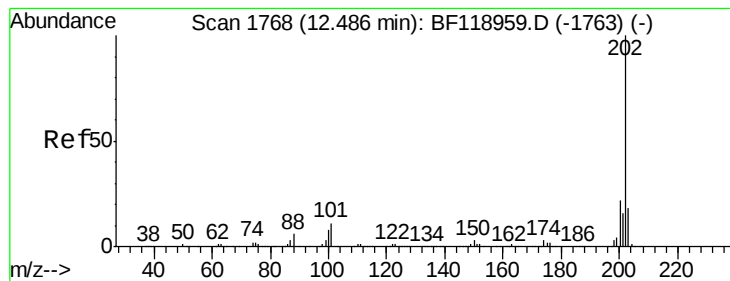


#74
 Di-n-butylphthalate
 Concen: 44.252 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion:149 Resp: 1255522

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 44.291 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

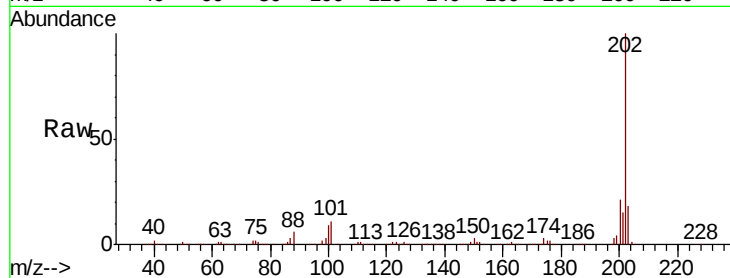
Tot Ion:202 Resp: 1237394

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.3

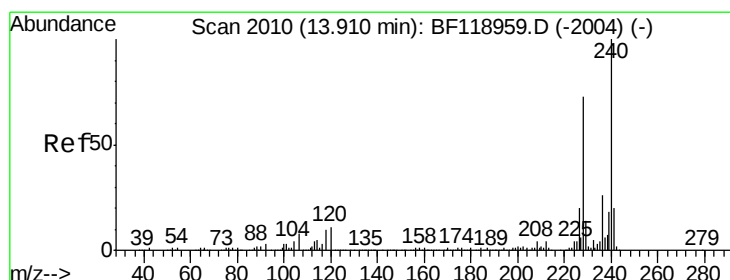
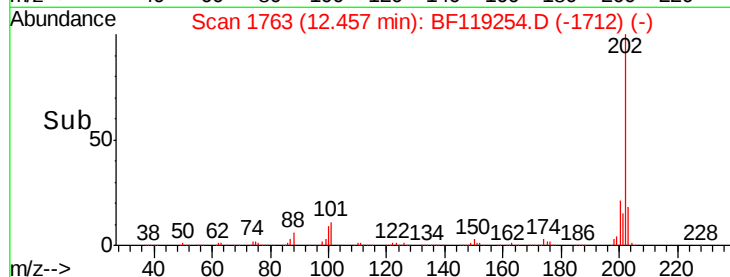
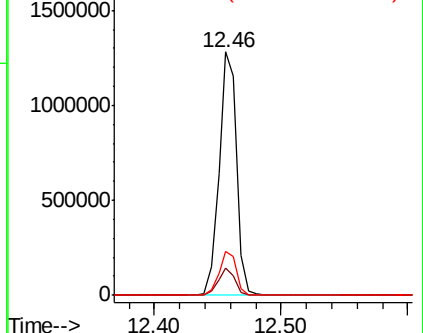
203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

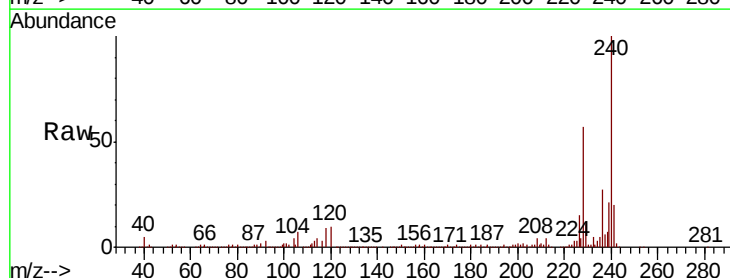
Tgt Ion:240 Resp: 373776

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

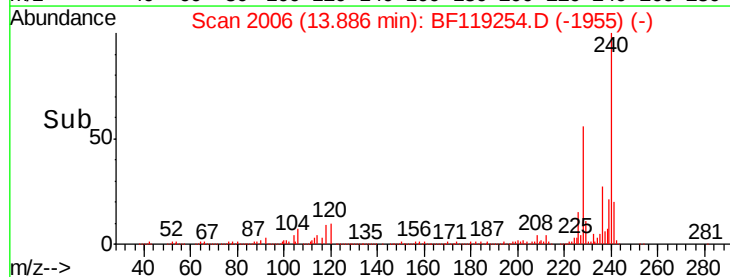
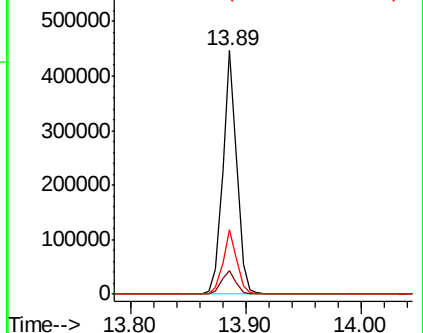
236 26.7 21.0 31.4

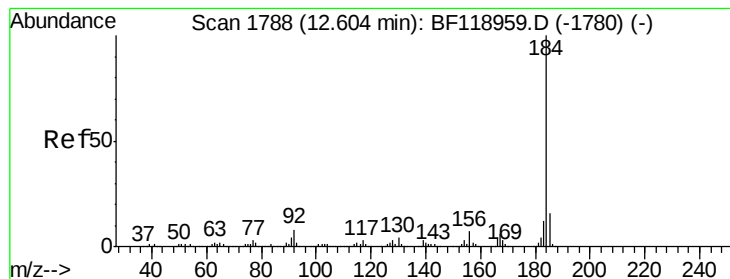


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.277 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampled :

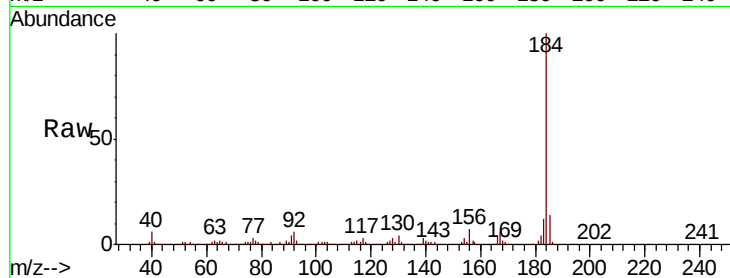
Tot Ion:184 Resp: 384240

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

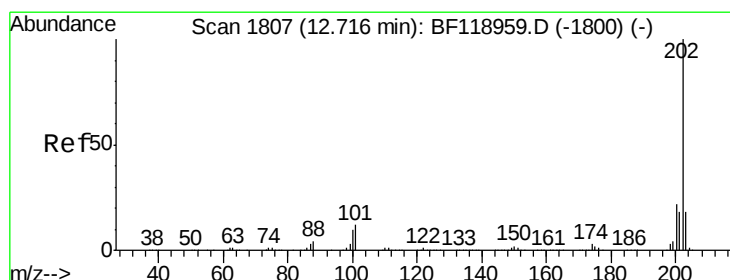
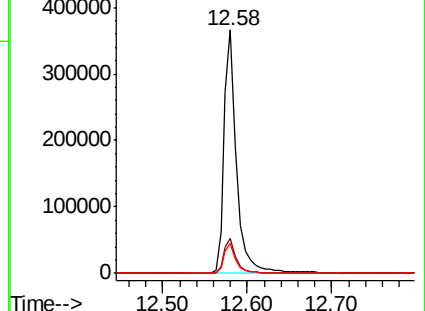
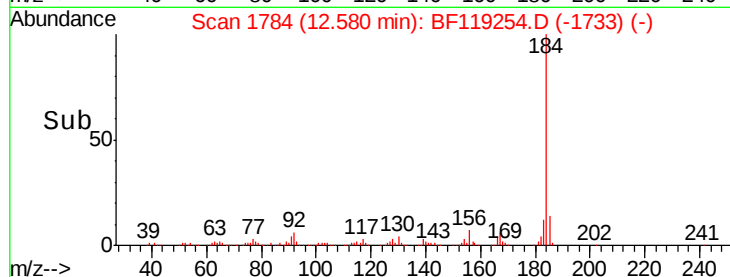
183 12.3 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.705 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

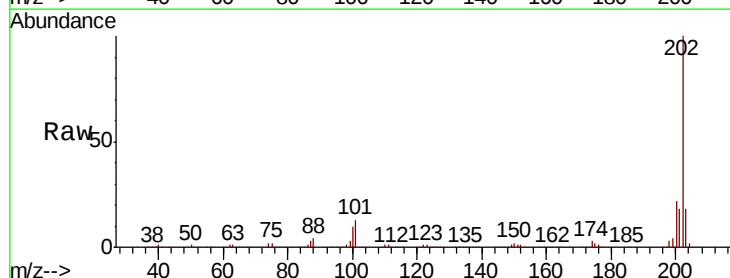
Tgt Ion:202 Resp: 1251731

Ion Ratio Lower Upper

202 100

200 22.3 18.0 27.0

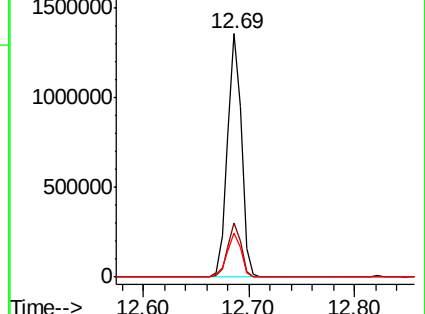
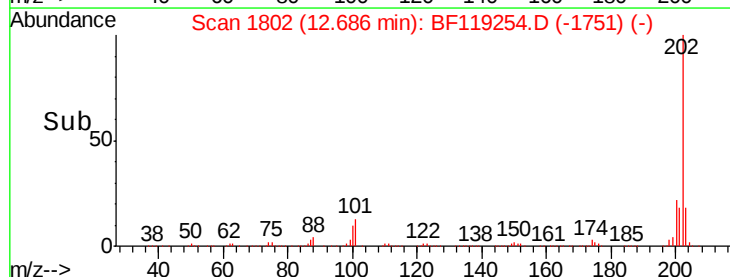
203 18.2 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.215 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

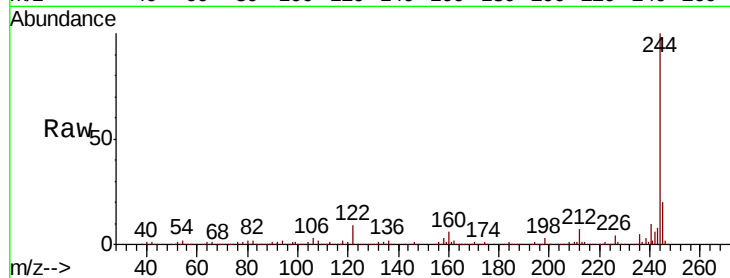
Tot Ion:244 Resp: 1502651

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

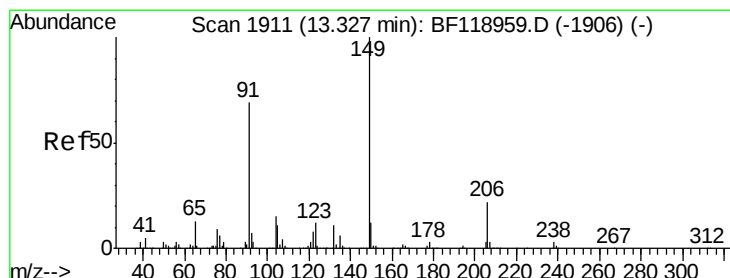
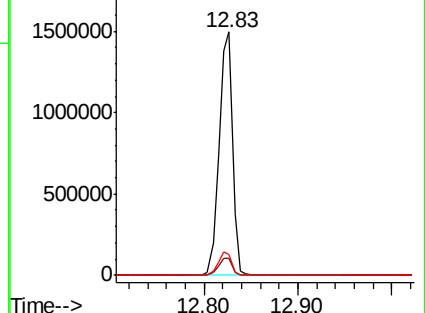
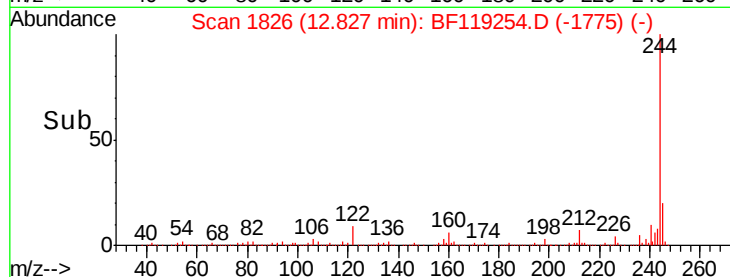
122 8.8 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.697 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

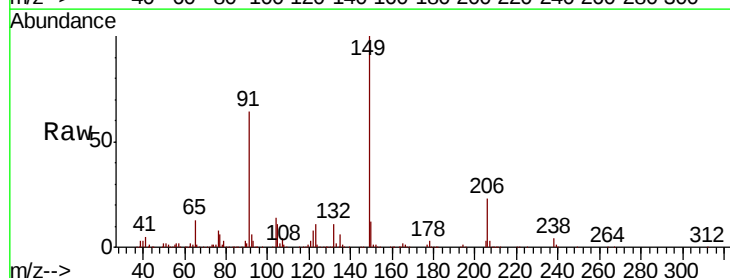
Tgt Ion:149 Resp: 551979

Ion Ratio Lower Upper

149 100

91 64.4 52.3 78.5

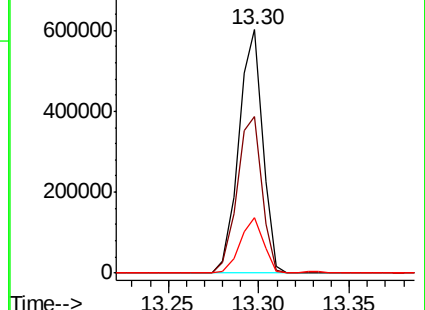
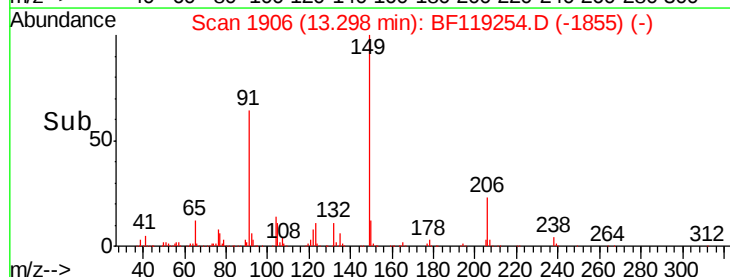
206 22.8 18.5 27.7

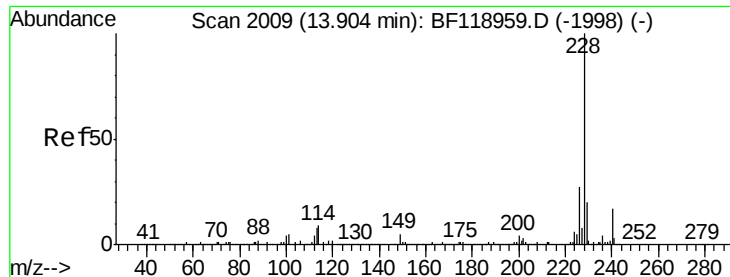


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.429 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

Instrument :

BNA_F

ClientSampleId :

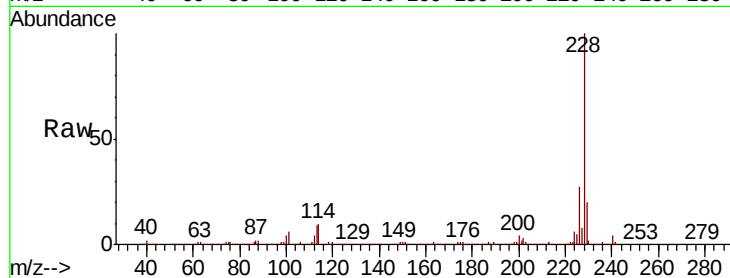
Tot Ion:228 Resp: 1131497

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.2	16.6	24.8

228 100

226 27.3 22.6 33.8

229 20.2 16.6 24.8

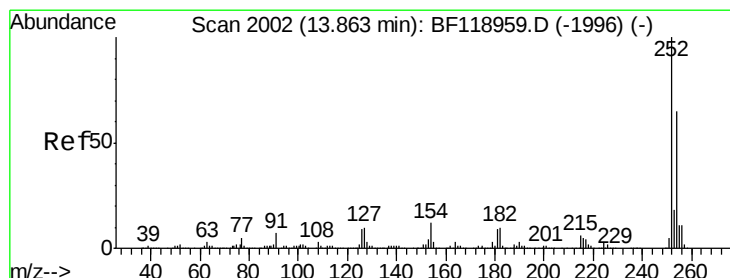
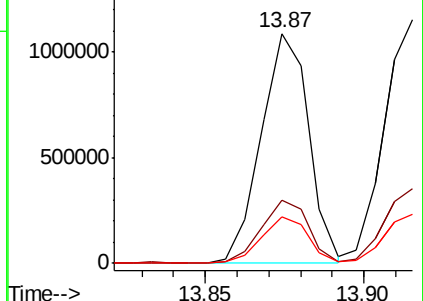
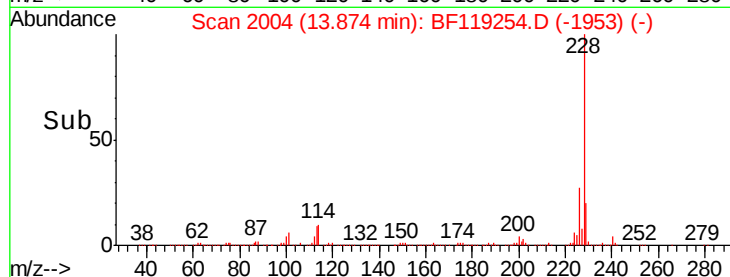


Abundance

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: 26.543 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119254.D

Acq: 6 Mar 2020 17:15

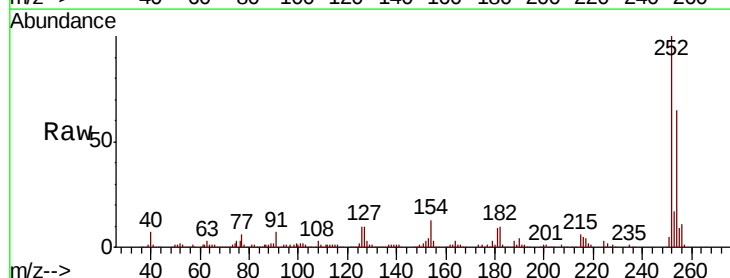
Tgt Ion:252 Resp: 262495

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.6	77.4
126	10.1	7.4	11.0

252 100

254 65.1 51.6 77.4

126 10.1 7.4 11.0

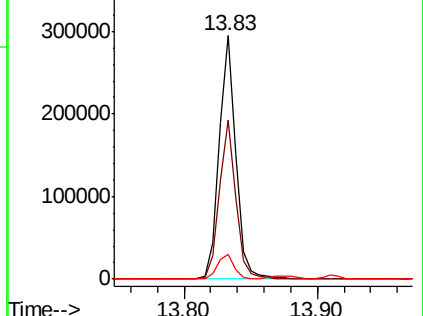
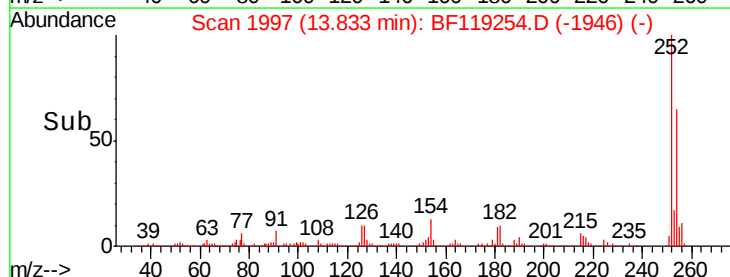


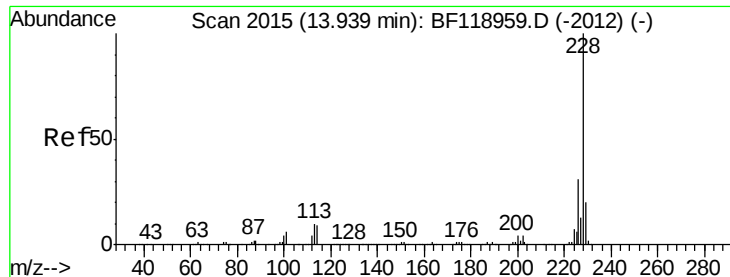
Abundance

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

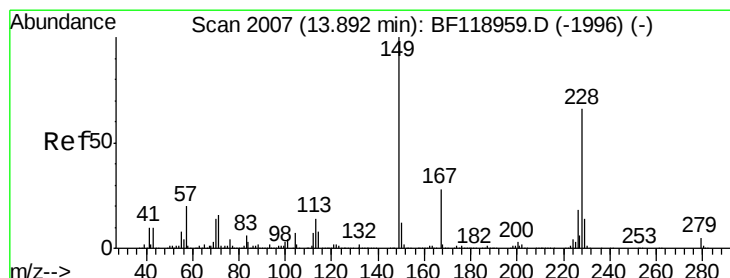
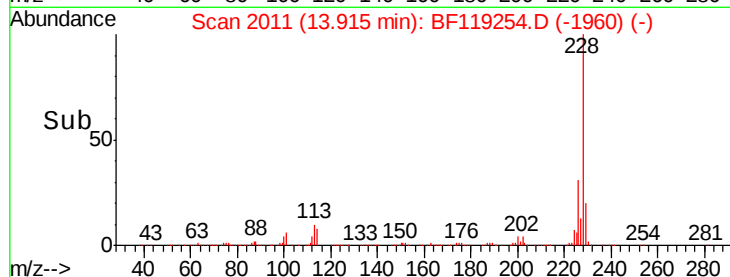
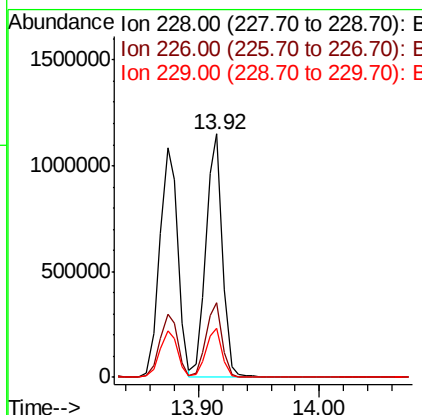
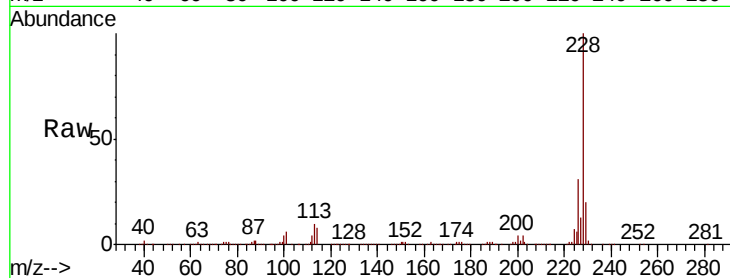




#83
 Chrvsene
 Concen: 42.370 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

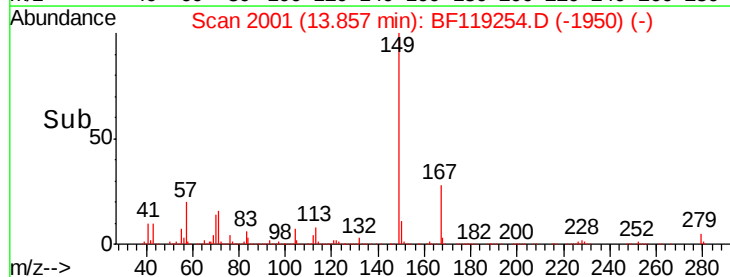
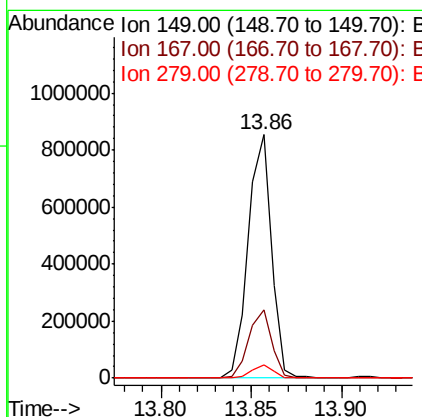
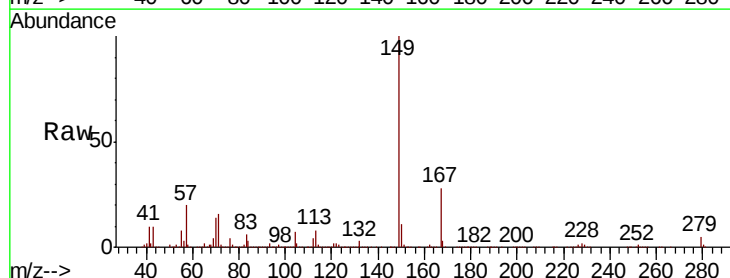
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1075196
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.1 37.7
 229 20.0 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.960 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF119254.D
 Acq: 6 Mar 2020 17:15

Tgt Ion:149 Resp: 765382
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.8 34.2
 279 5.4 4.6 6.8

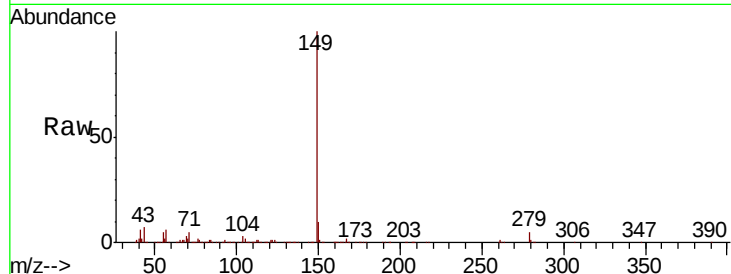




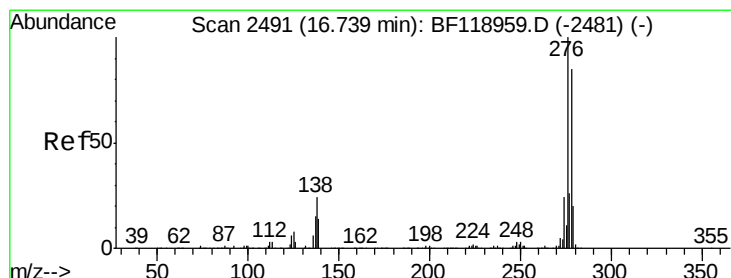
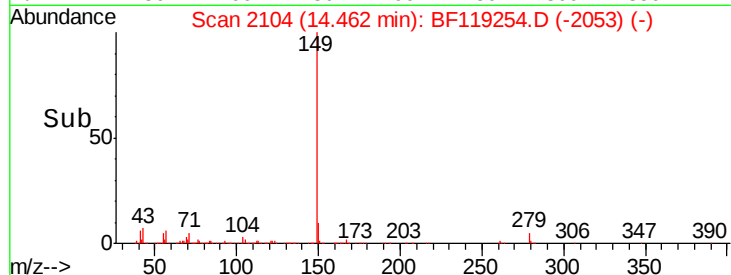
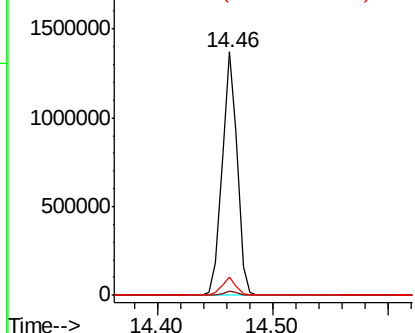
#85
Di-n-octyl phthalate
Concen: 48.596 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1235645
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.8 5.7 8.5

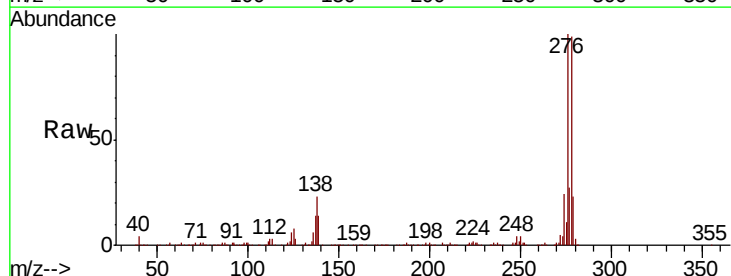


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

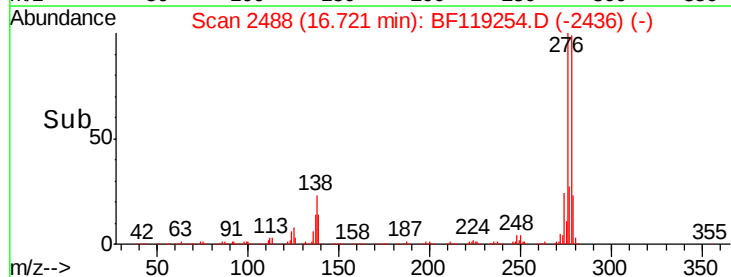
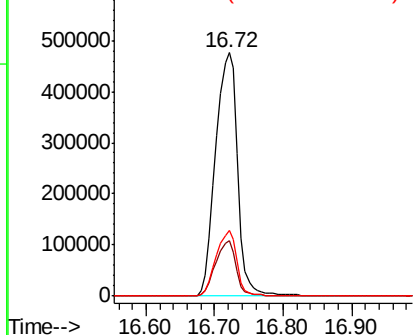


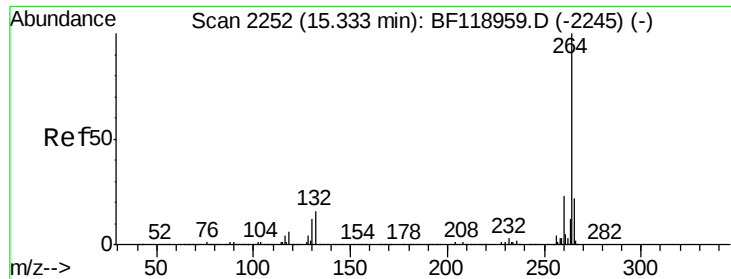
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.364 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:276 Resp: 1065527
Ion Ratio Lower Upper
276 100
138 21.5 17.4 26.0
277 25.6 20.3 30.5



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

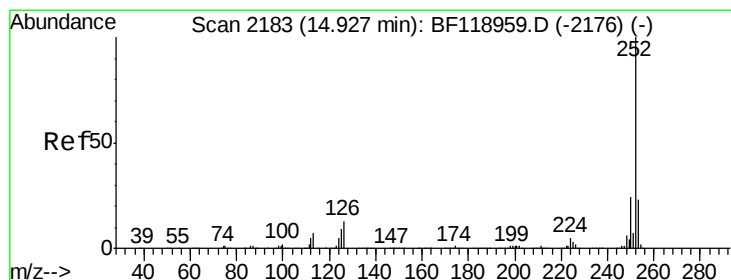
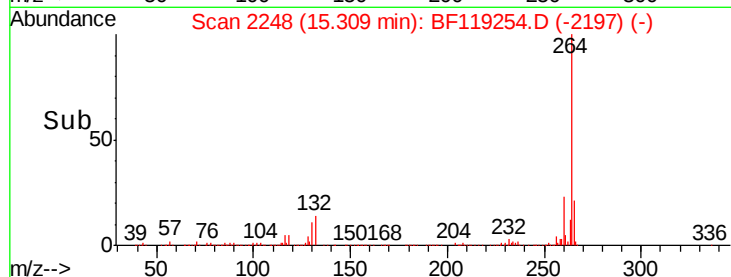
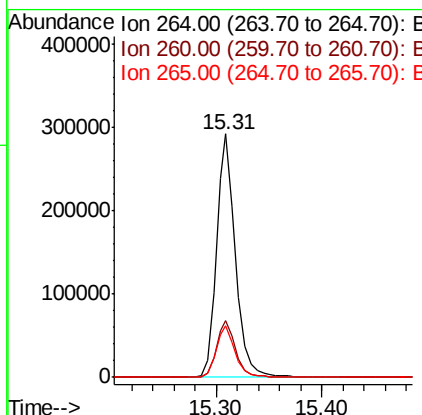
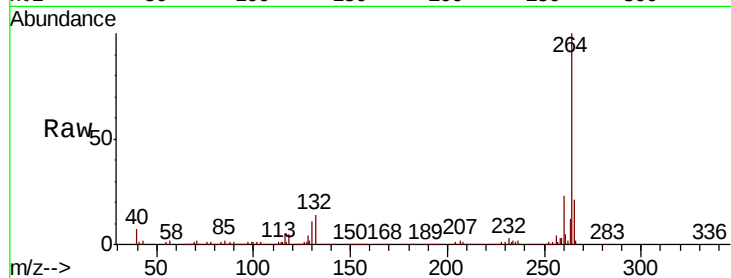




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

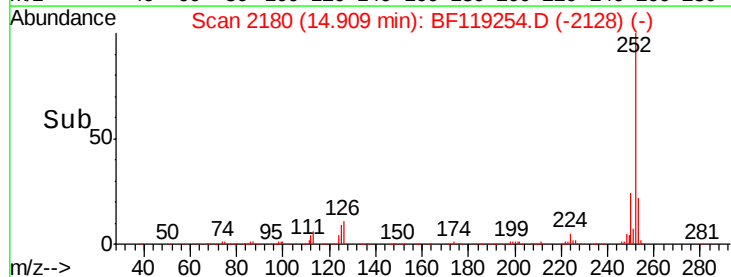
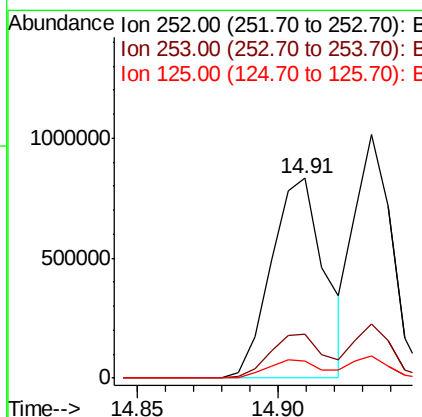
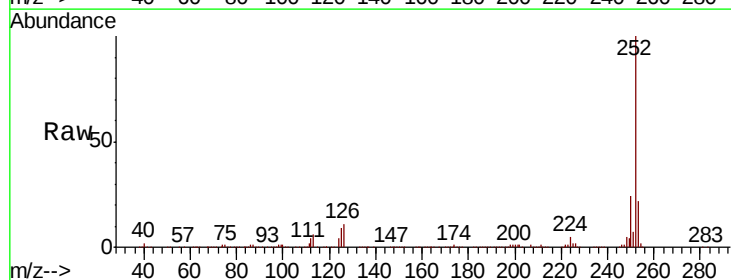
Instrument :
BNA_F
ClientSampleId :

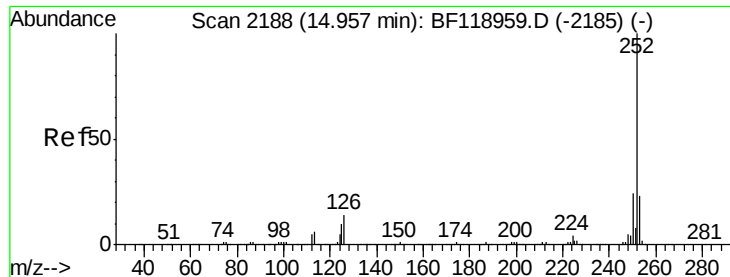
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.4	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 45.348 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.6	7.4	11.0

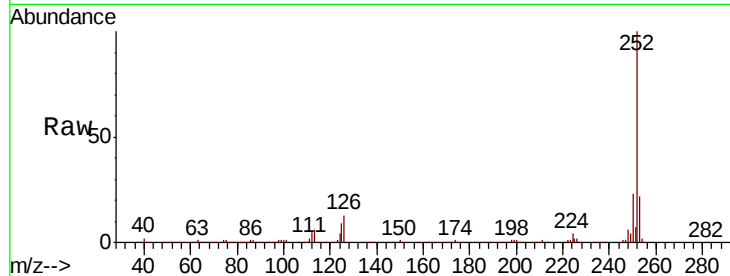




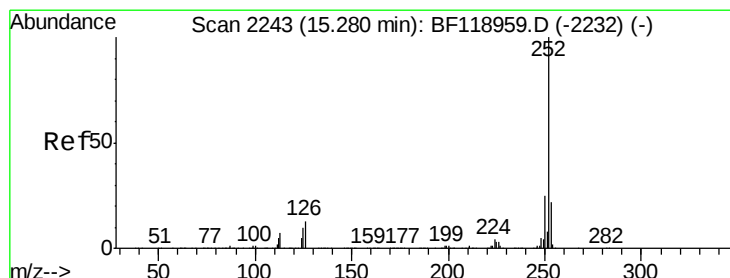
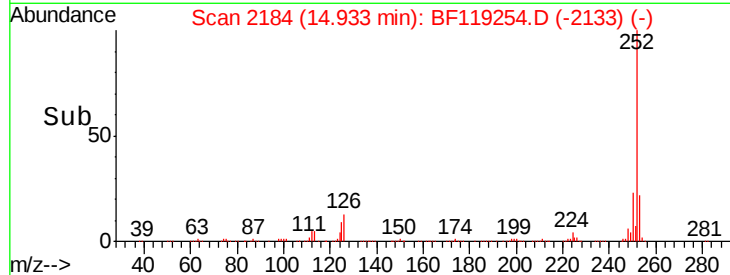
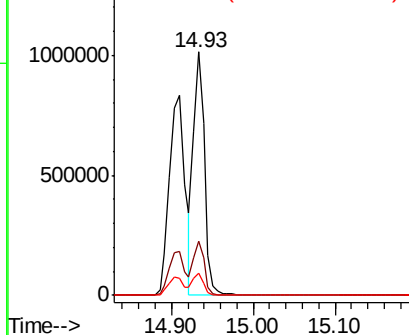
#89
Benzo(k)fluoranthene
Concen: 42.461 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 950288
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.1 7.5 11.3

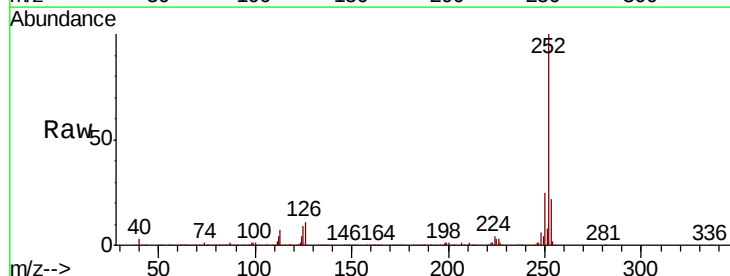


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

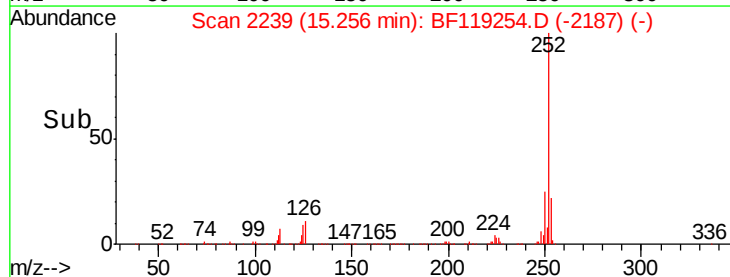
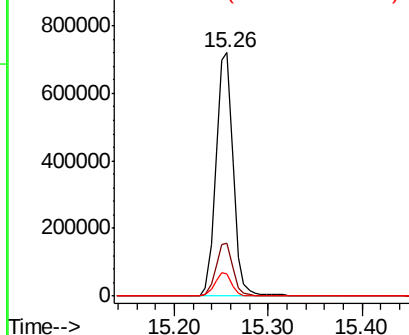


#90
Benzo(a)pyrene
Concen: 42.294 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:252 Resp: 921845
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.0 8.6 12.8



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



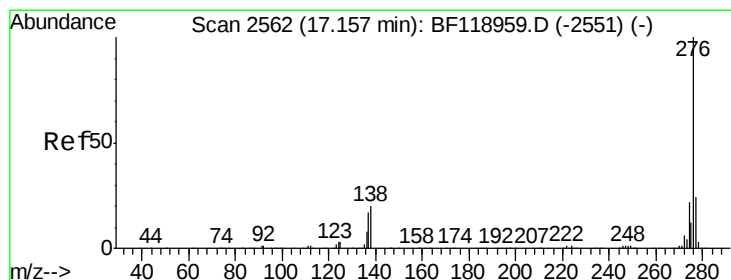
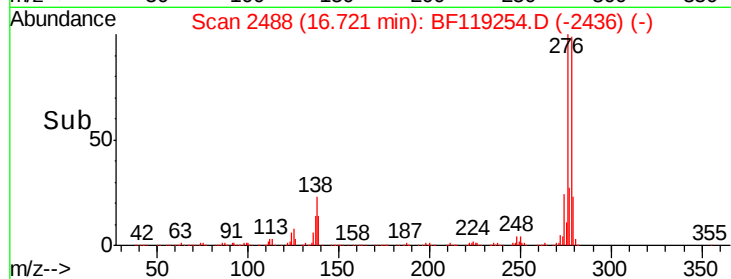
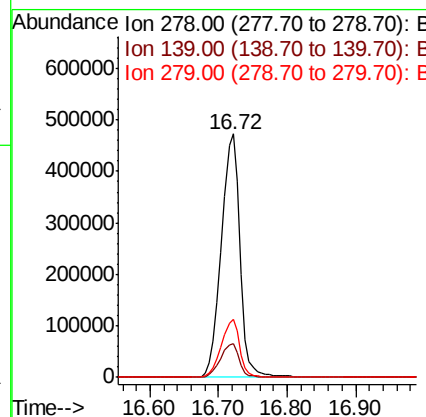
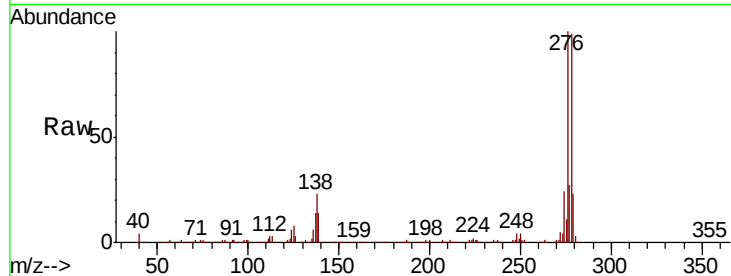


#91
Dibenzo(a,h)anthracene
Concen: 46.670 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 895053

Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.0	16.4
279	23.6	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 47.626 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BF119254.D
Acq: 6 Mar 2020 17:15

Tgt Ion:276 Resp: 902466

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	18.3	14.3	21.5

