

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119253.D
 Acq On : 6 Mar 2020 16:45
 Operator : CG/JU
 Sample : L1792-01MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:46:50 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	112183	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	438356	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	247259	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	472296	20.00	ng	0.00
76) Chrysene-d12	13.89	240	373708	20.00	ng	0.00
87) Perylene-d12	15.31	264	382757	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	675394	100.61	ng	0.00
7) Phenol-d6	6.38	99	810754	99.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	542273	65.32	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	296867	91.78	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1090409	64.97	ng	0.00
79) Terphenyl-d14	12.82	244	1445263	66.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	116151	38.863	ng	98
3) Pyridine	3.16	79	287377	35.207	ng	98
4) n-Nitrosodimethylamine	3.10	42	114052	46.126	ng	94
6) Aniline	6.39	93	249504	24.768	ng	# 80
8) 2-Chlorophenol	6.52	128	356451	49.204	ng	99
9) Benzaldehyde	6.27	77	260540	47.766	ng	98
10) Phenol	6.39	94	415452	47.067	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	317563	47.020	ng	97
12) 1,3-Dichlorobenzene	6.66	146	381354	43.920	ng	98
13) 1,4-Dichlorobenzene	6.74	146	388957	44.765	ng	99
14) 1,2-Dichlorobenzene	6.89	146	359205	45.330	ng	100
15) Benzyl Alcohol	6.88	79	294071	49.839	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	249421	42.633	ng	# 13
17) 2-Methylphenol	7.00	107	277238	47.202	ng	94
18) Hexachloroethane	7.23	117	137278	44.161	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	234087	49.207	ng	96
20) 3+4-Methylphenols	7.15	107	370955	51.552	ng	87
22) Acetophenone	7.14	105	473562	46.691	ng	# 94
24) Nitrobenzene	7.31	77	363698	44.299	ng	98
25) Isophorone	7.55	82	645359	44.759	ng	99
26) 2-Nitrophenol	7.63	139	195371	44.912	ng	99
27) 2,4-Dimethylphenol	7.67	122	284727	48.228	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	385795	41.108	ng	99
29) 2,4-Dichlorophenol	7.88	162	305570	43.966	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	335326	40.693	ng	99
31) Naphthalene	8.03	128	1000230	43.997	ng	99
32) Benzoic acid	7.84	122	166932	40.038	ng	97
33) 4-Chloroaniline	8.09	127	135419	13.849	ng	98
34) Hexachlorobutadiene	8.15	225	205191	39.975	ng	98
35) Caprolactam	8.46	113	54556	25.493	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	324520	46.136	ng	100
37) 2-Methylnaphthalene	8.72	142	684184	44.720	ng	98
38) 1-Methylnaphthalene	8.82	142	641307	44.572	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	341813	41.002	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	130859	47.454	ng	97
43) 2,4,6-Trichlorophenol	9.01	196	215229	40.883	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	228239	41.315	ng	98
46) 1,1'-Biphenyl	9.18	154	827343	41.401	ng	98
47) 2-Chloronaphthalene	9.21	162	664573	41.268	ng	98
48) 2-Nitroaniline	9.32	65	191897	42.723	ng	94
49) Acenaphthylene	9.62	152	1019790	43.846	ng	99
50) Dimethylphthalate	9.49	163	875114	46.284	ng	99
51) 2,6-Dinitrotoluene	9.56	165	182542	43.455	ng	97
52) Acenaphthene	9.79	154	597485	42.603	ng	99
53) 3-Nitroaniline	9.73	138	87319	18.750	ng	98
54) 2,4-Dinitrophenol	9.85	184	140296	69.772	ng	98
55) Dibenzofuran	9.97	168	890129	42.523	ng	98
56) 4-Nitrophenol	9.92	139	171965	61.460	ng	89
57) 2,4-Dinitrotoluene	9.97	165	234688	43.103	ng	98
58) Fluorene	10.31	166	731511	44.971	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	190676	40.905	ng	100
60) Diethylphthalate	10.19	149	776037	43.554	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	372858	43.305	ng	98
62) 4-Nitroaniline	10.35	138	161013	33.794	ng	95
63) Azobenzene	10.46	77	697032	45.006	ng	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	125194	43.806	ng	100
66) n-Nitrosodiphenylamine	10.42	169	656177	42.431	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	249077	40.346	ng	96
68) Hexachlorobenzene	10.86	284	283695	39.857	ng	99
69) Atrazine	10.95	200	214790	39.752	ng	98
70) Pentachlorophenol	11.06	266	217582	75.887	ng	98
71) Phenanthrene	11.27	178	1111230	43.143	ng	98
72) Anthracene	11.32	178	1151622	44.749	ng	98
73) Carbazole	11.48	167	1016471	44.335	ng	99
74) Di-n-butylphthalate	11.80	149	1207998	43.508	ng	99
75) Fluoranthene	12.46	202	1227110	44.883	ng	99
77) Benzidine	12.58	184	354059	23.296	ng	97
78) Pyrene	12.69	202	1238885	41.285	ng	99
80) Butylbenzylphthalate	13.30	149	536629	42.490	ng	97
81) Benzo(a)anthracene	13.87	228	1126364	44.235	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	271542	27.463	ng	99
83) Chrysene	13.92	228	1099102	43.320	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	734142	46.011	ng	99
85) Di-n-octyl phthalate	14.46	149	1213423	47.731	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1144211	46.575	ng	100
88) Benzo(b)fluoranthene	14.90	252	1164578	46.160	ng	99
89) Benzo(k)fluoranthene	14.93	252	990238	42.353	ng	100
90) Benzo(a)pyrene	15.26	252	963183	42.300	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	955048	47.669	ng	99
92) Benzo(g,h,i)perylene	17.14	276	964879	48.742	ng	99

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

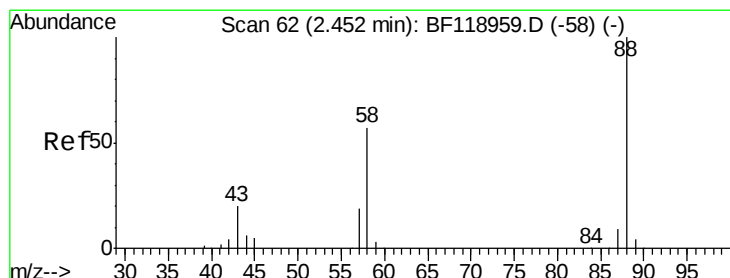
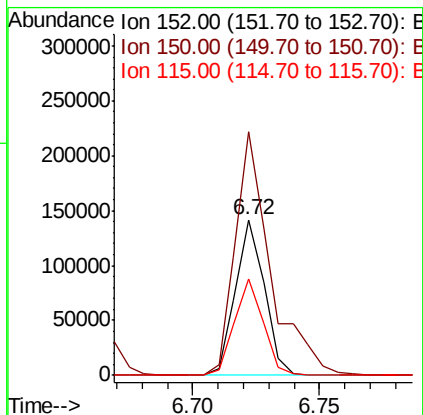
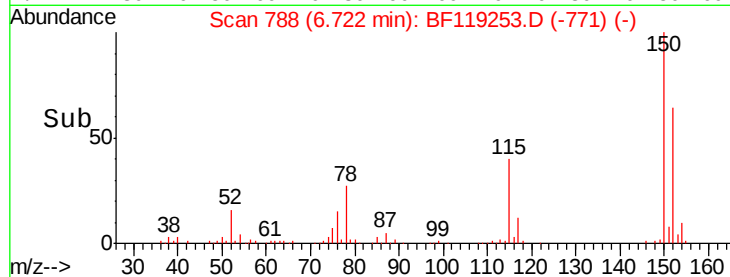
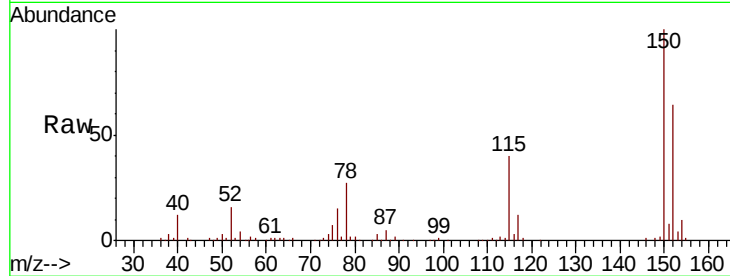


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampled :

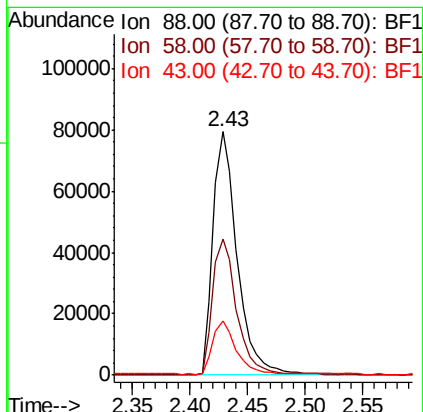
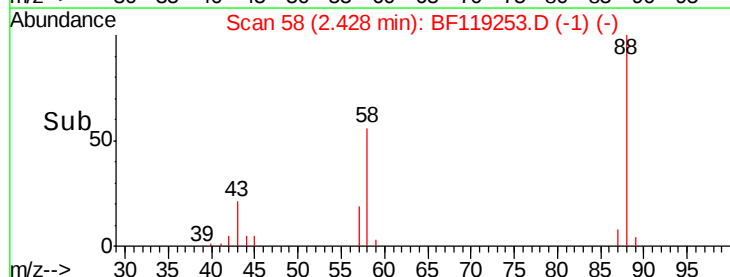
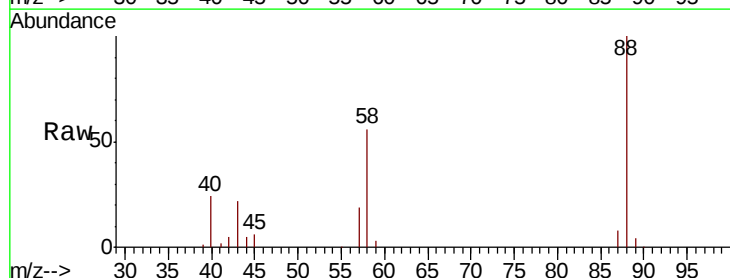
Tot Ion:152 Resp: 112183
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 62.2 49.5 74.3

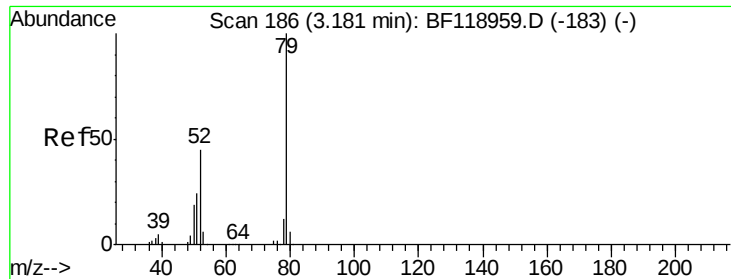


#2

1,4-Dioxane
Concen: 38.863 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.05 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion: 88 Resp: 116151
Ion Ratio Lower Upper
88 100
58 56.0 43.8 65.6
43 21.2 16.2 24.4





#3

Pvridine

Concen: 35.207 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.05 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampled :

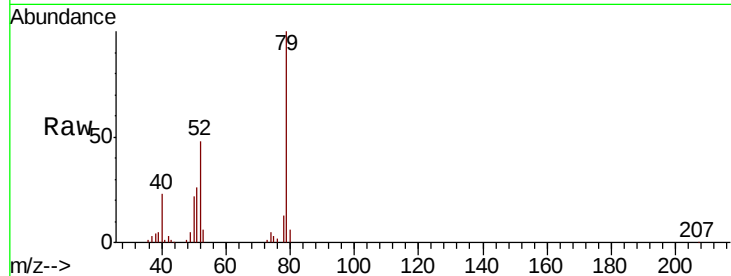
Tot Ion: 79 Resp: 287377

Ion Ratio Lower Upper

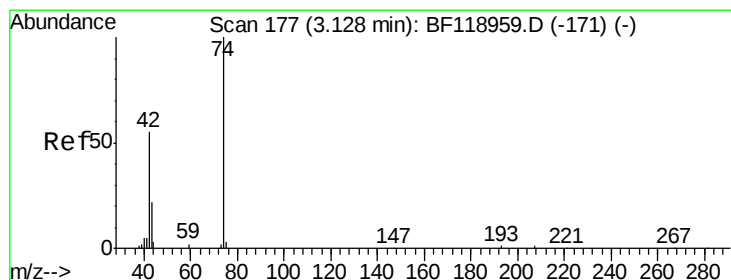
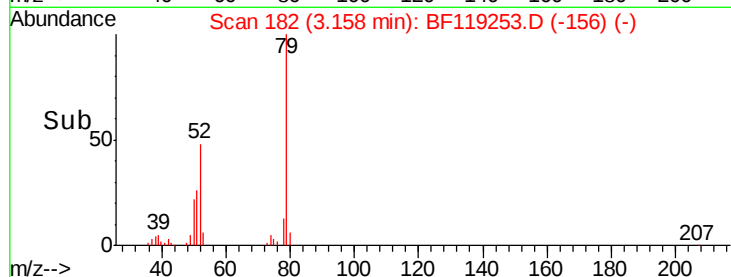
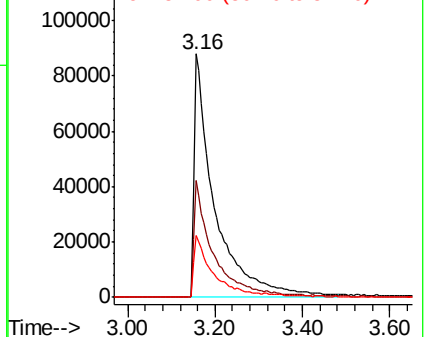
79 100

52 47.8 37.4 56.0

51 25.6 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: 46.126 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.05 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

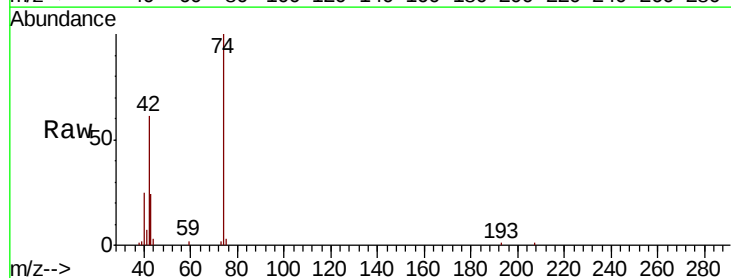
Tgt Ion: 42 Resp: 114052

Ion Ratio Lower Upper

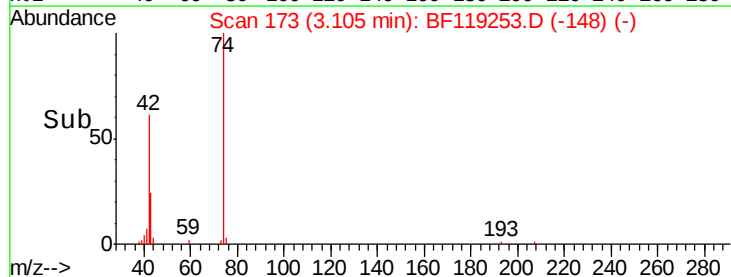
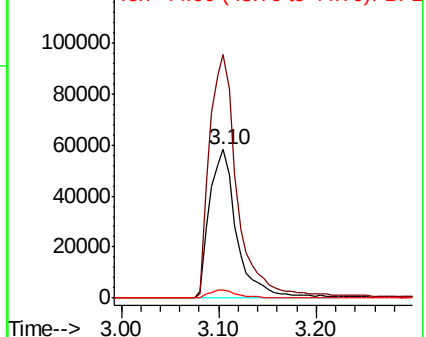
42 100

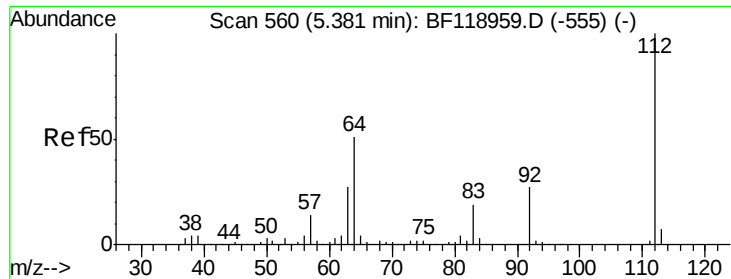
74 163.8 137.7 206.5

44 5.0 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: 100.613 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

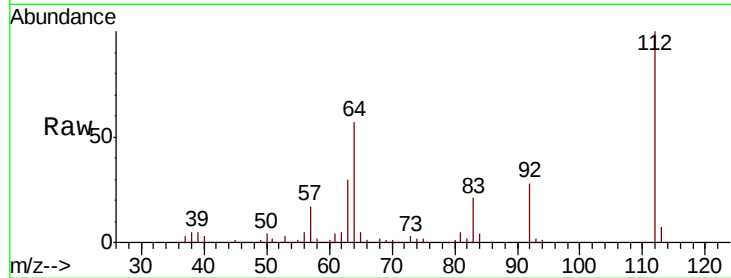
Tot Ion:112 Resp: 675394

Ion Ratio Lower Upper

112 100

64 56.5 45.0 67.4

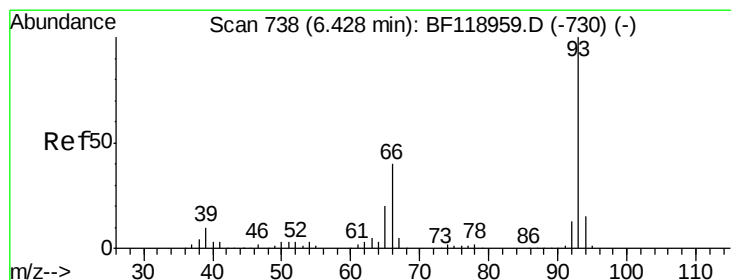
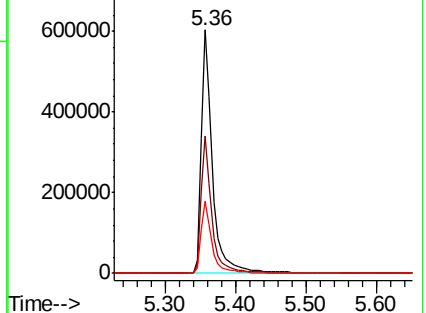
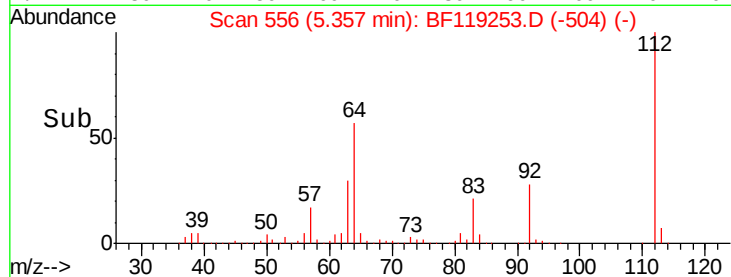
63 29.6 24.2 36.4



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: 24.768 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

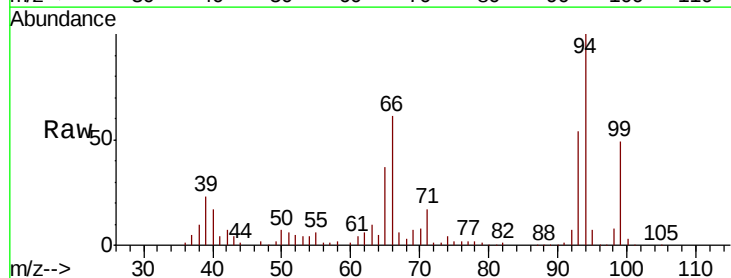
Tgt Ion: 93 Resp: 249504

Ion Ratio Lower Upper

93 100

66 113.7 74.5 111.7#

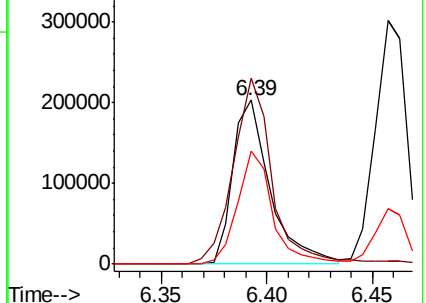
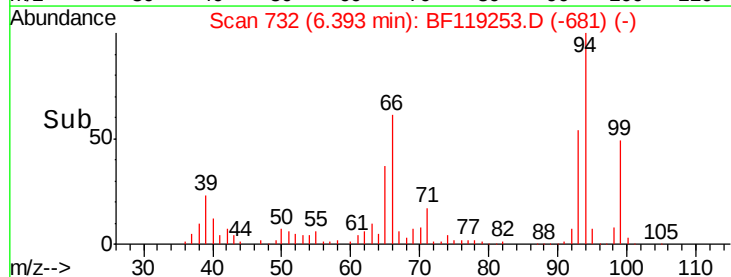
65 69.0 45.3 67.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.308 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampled :

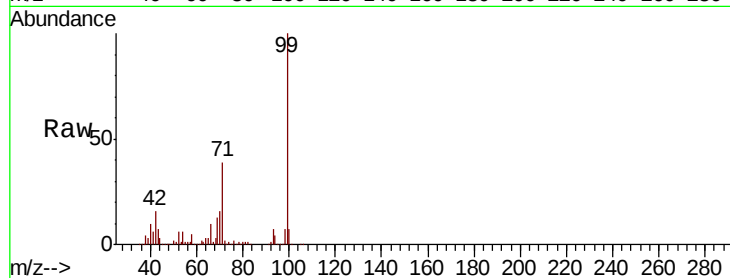
Tot Ion: 99 Resp: 810754

Ion Ratio Lower Upper

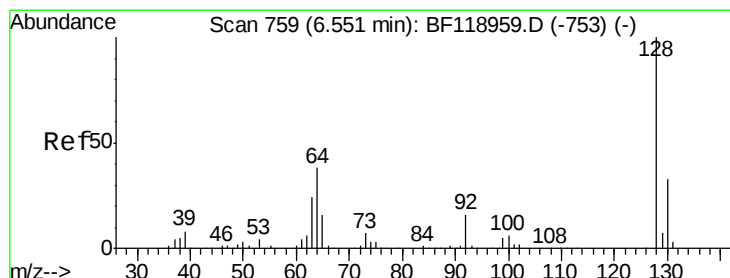
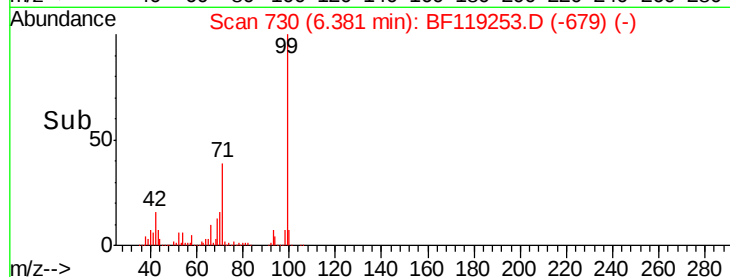
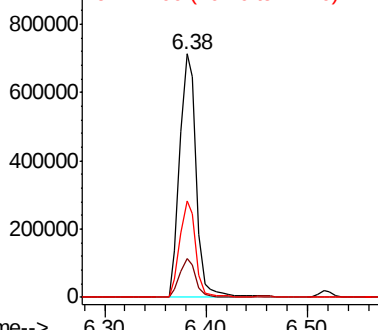
99 100

42 15.8 12.6 18.8

71 39.4 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: 49.204 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

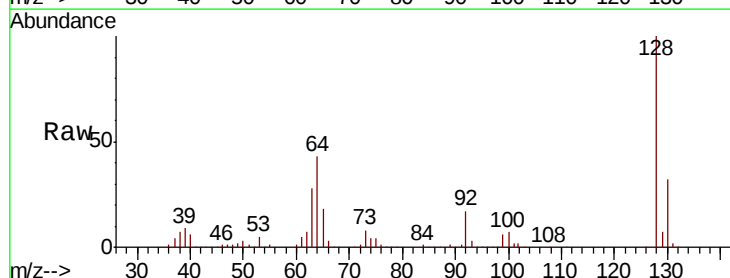
Tgt Ion: 128 Resp: 356451

Ion Ratio Lower Upper

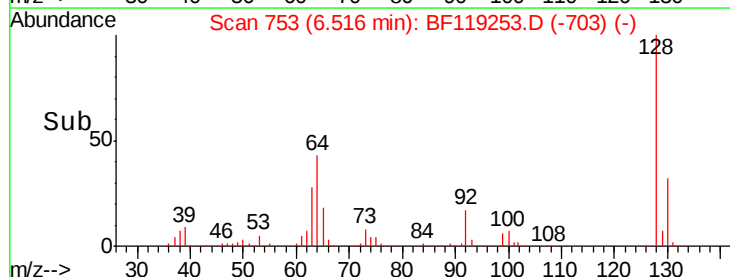
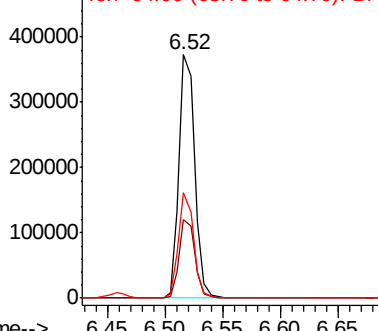
128 100

130 32.3 12.7 52.7

64 43.1 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: 47.766 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

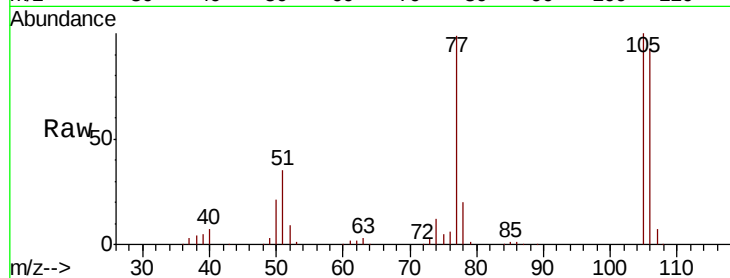
Tot Ion: 77 Resp: 260540

Ion Ratio Lower Upper

77 100

105 100.9 80.1 120.1

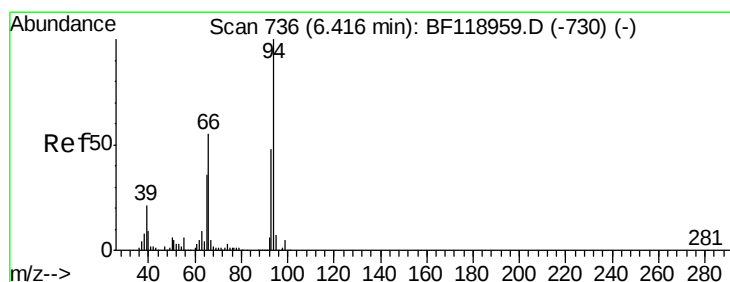
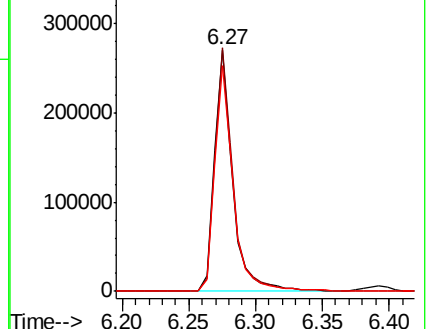
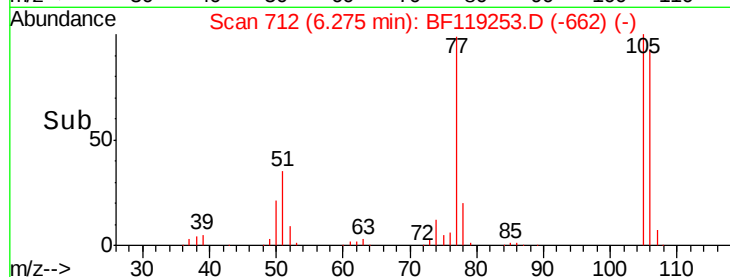
106 93.4 75.9 115.9



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: 47.067 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

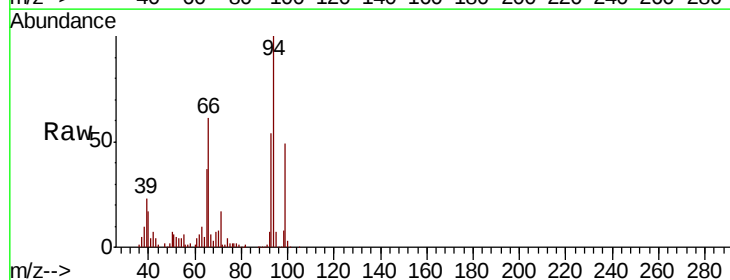
Tgt Ion: 94 Resp: 415452

Ion Ratio Lower Upper

94 100

65 37.0 19.2 59.2

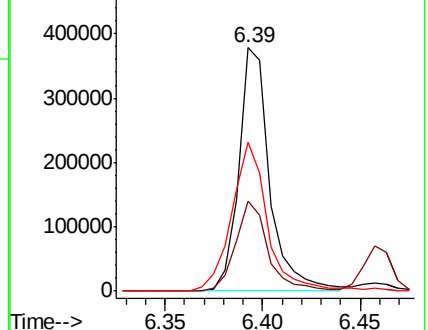
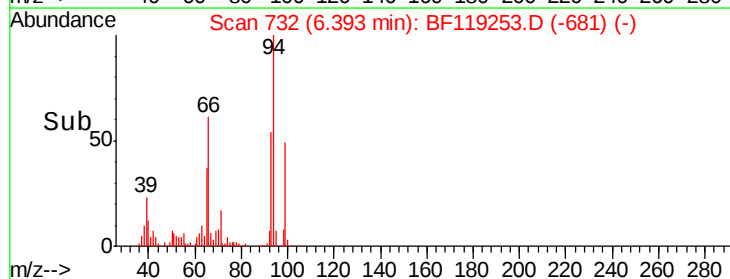
66 60.9 44.4 84.4



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

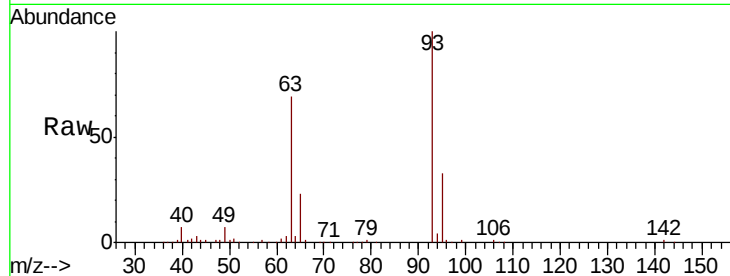




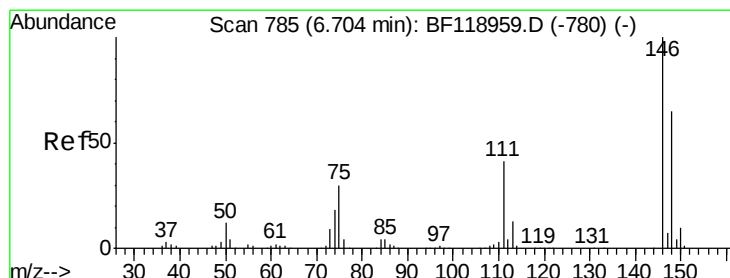
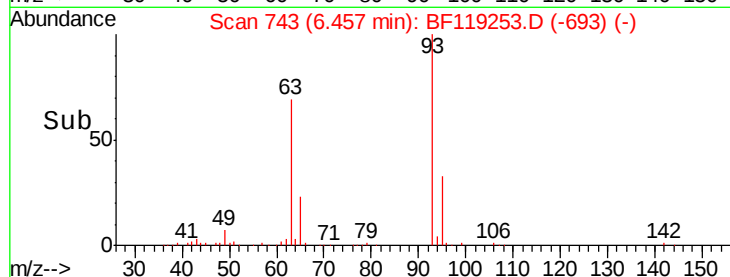
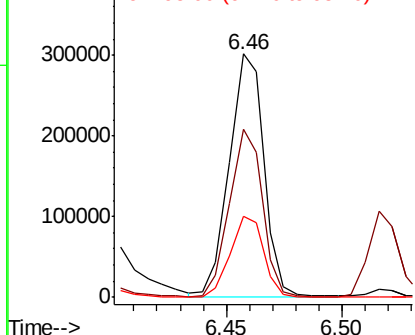
#11
bis(2-Chloroethyl)ether
Concen: 47.020 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 317563
Ion Ratio Lower Upper
93 100
63 68.8 45.4 85.4
95 33.3 13.5 53.5

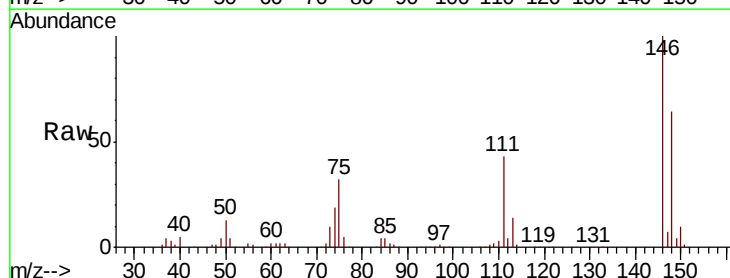


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

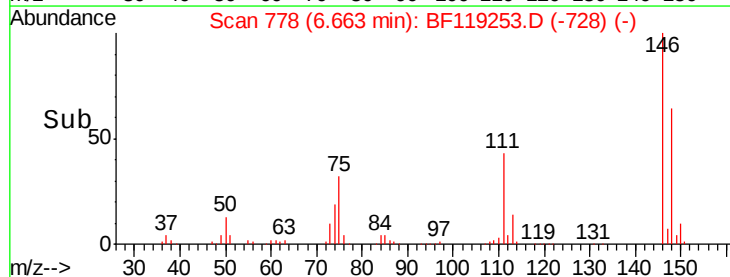
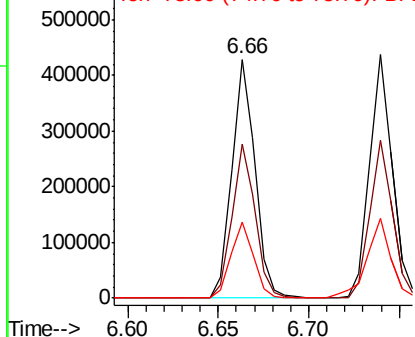


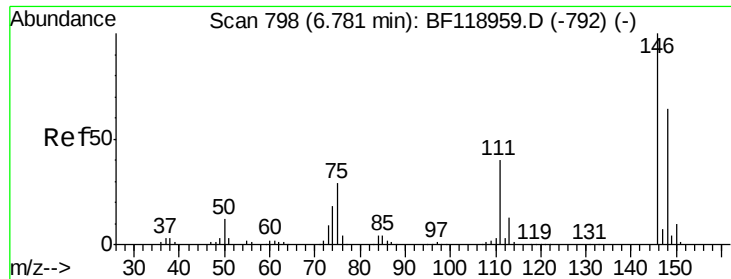
#12
1,3-Dichlorobenzene
Concen: 43.920 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion: 146 Resp: 381354
Ion Ratio Lower Upper
146 100
148 64.4 52.5 78.7
75 32.0 23.6 35.4



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

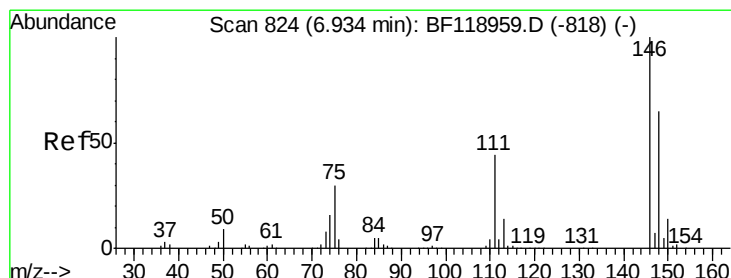
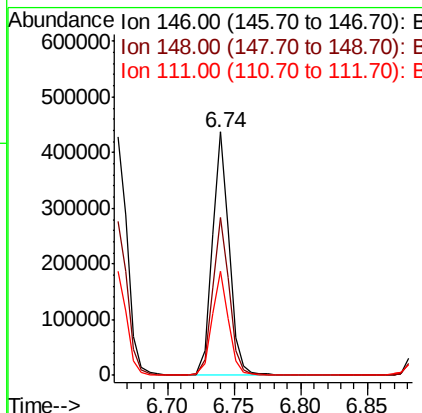
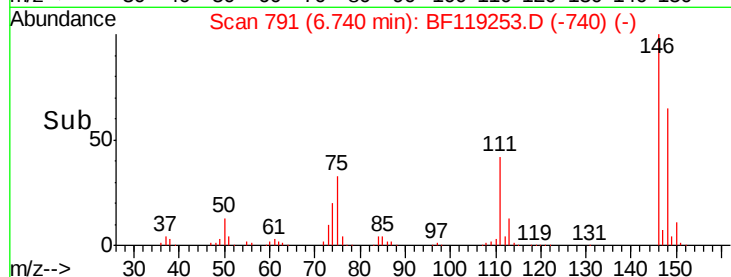
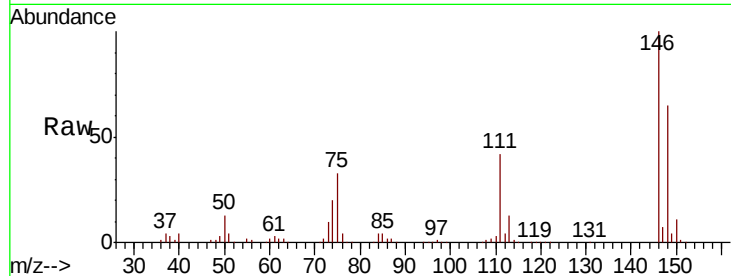




#13
 1,4-Dichlorobenzene
 Concen: 44.765 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

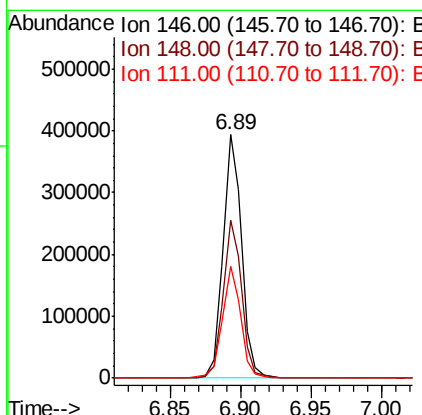
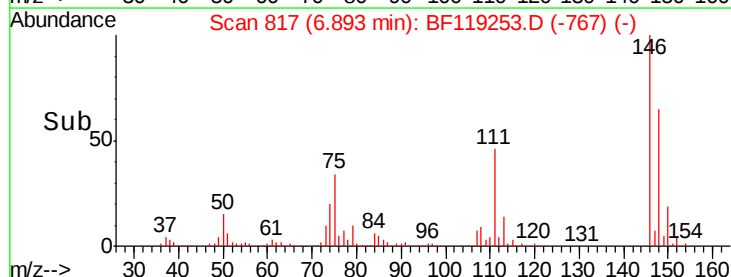
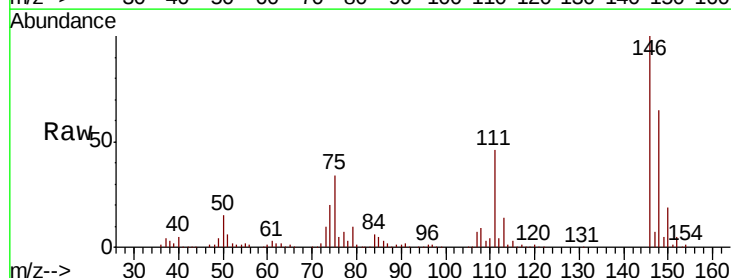
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 388957
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 42.5 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 45.330 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion:146 Resp: 359205
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 45.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 49.839 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

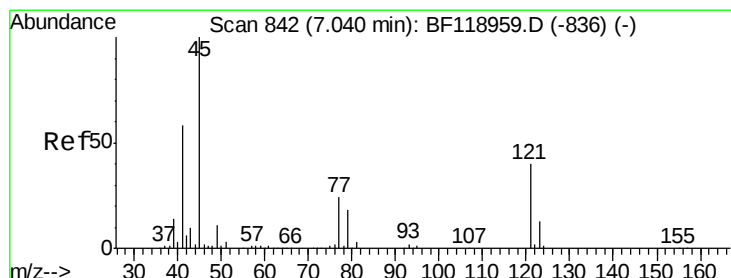
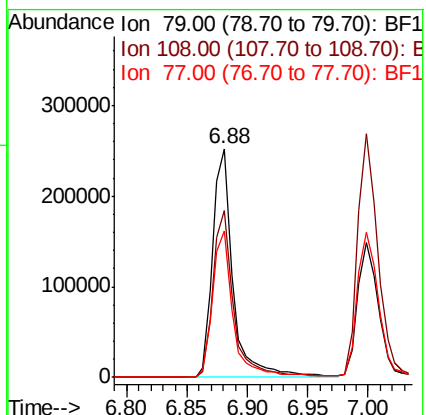
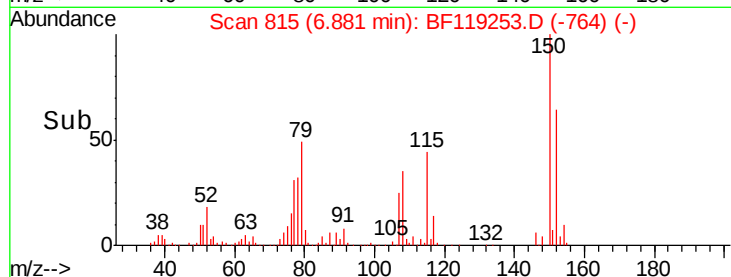
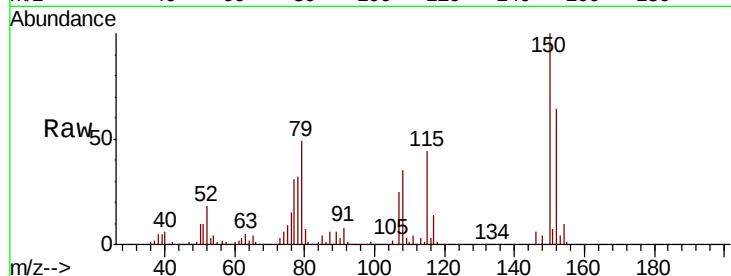
Tot Ion: 79 Resp: 294071

Ion Ratio Lower Upper

79 100

108 72.6 58.2 87.2

77 63.9 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.633 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

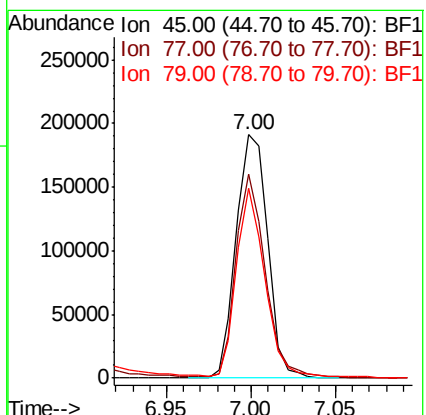
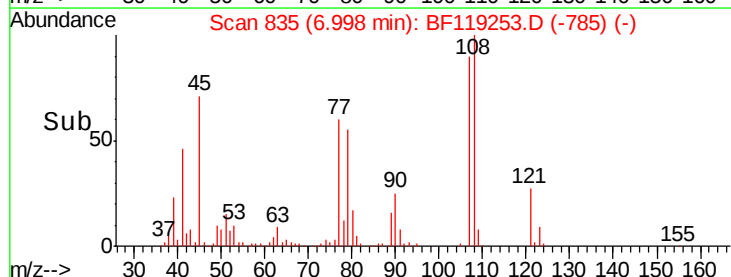
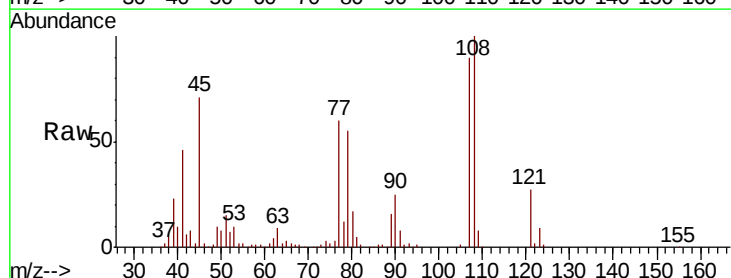
Tgt Ion: 45 Resp: 249421

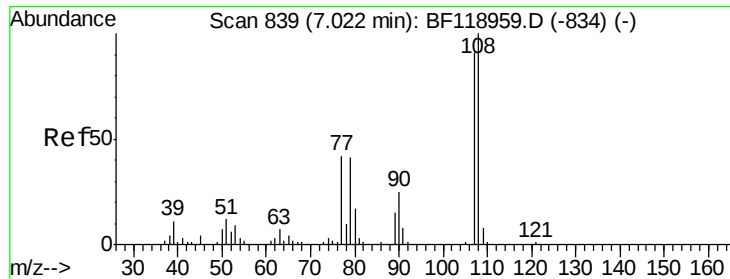
Ion Ratio Lower Upper

45 100

77 83.9 15.0 55.0#

79 77.9 9.4 49.4#

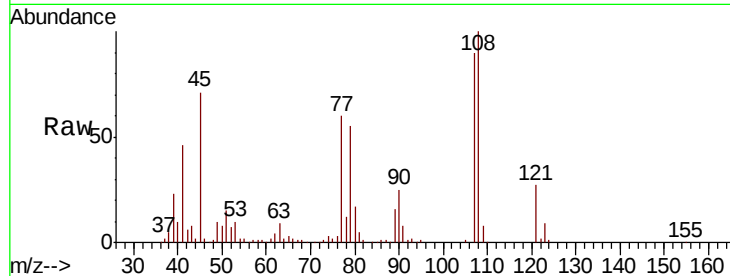




#17
2-Methylphenol
Concen: 47.202 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	277238
Ion	Ratio	Lower	Upper
107	100		
108	110.5	87.9	131.9
77	66.0	45.3	67.9
79	61.3	43.0	64.4



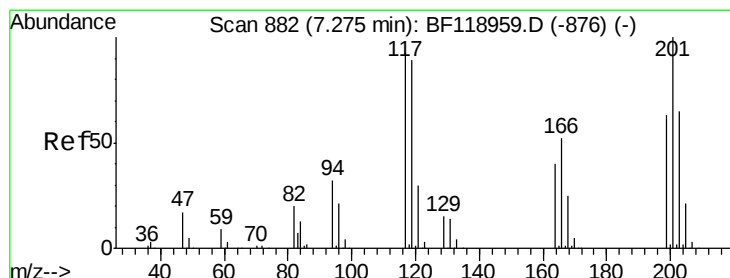
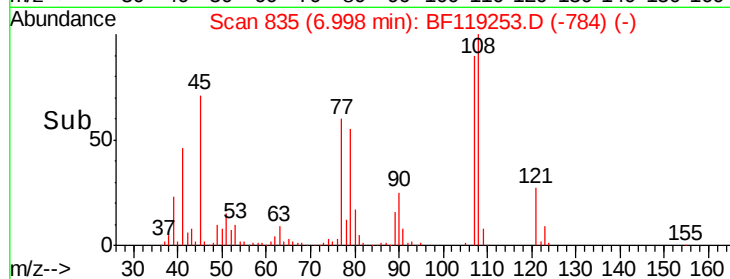
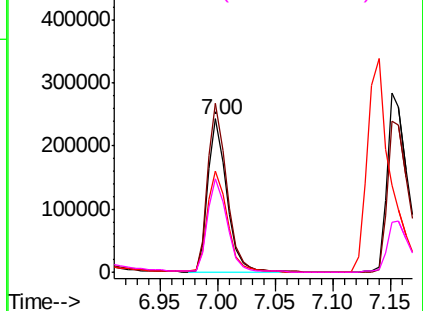
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

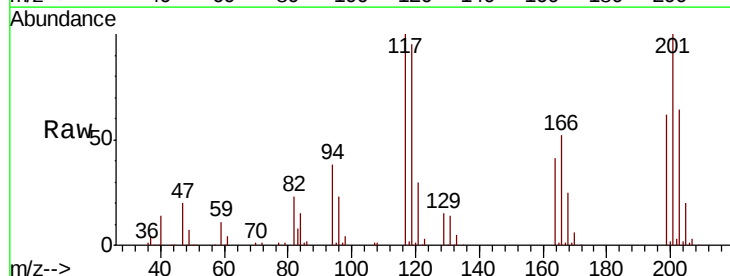
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.161 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:	117	Resp:	137278
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
201	99.6	82.6	123.8

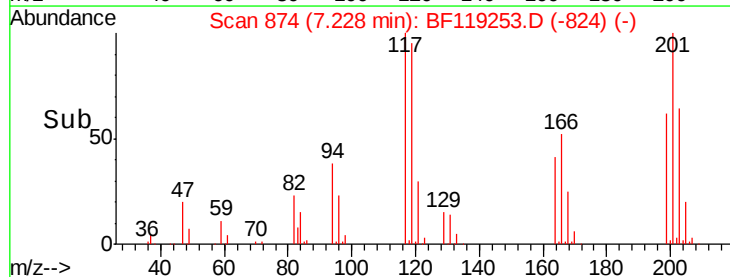
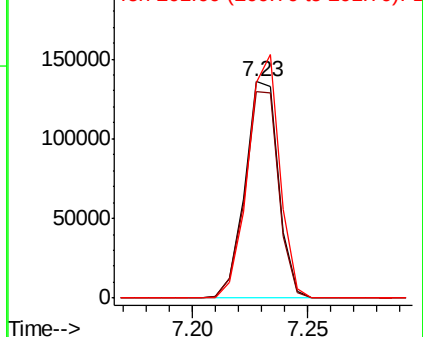


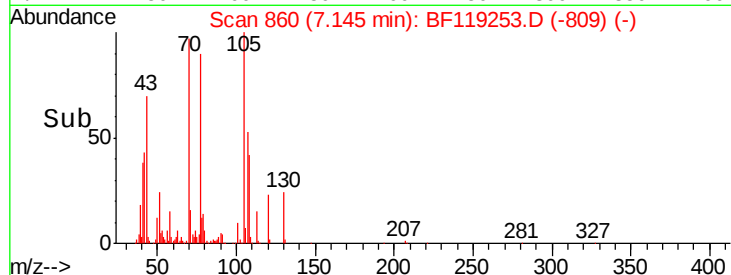
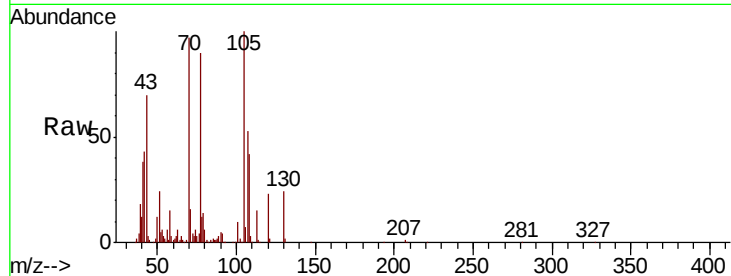
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

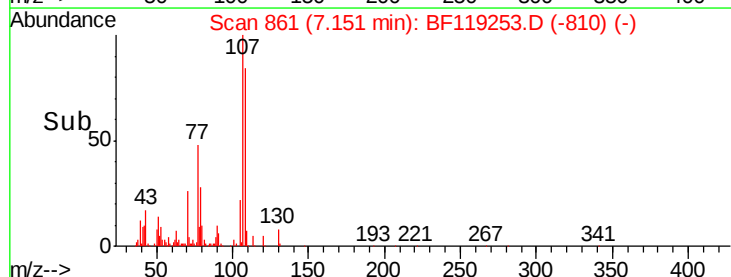
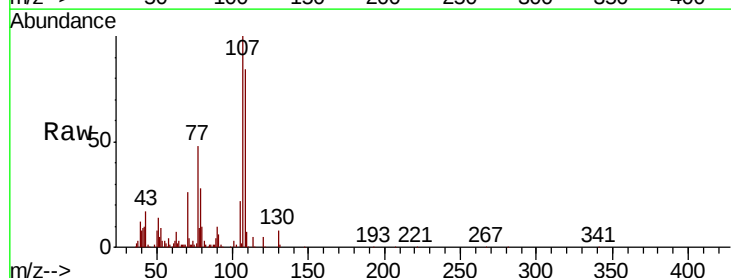
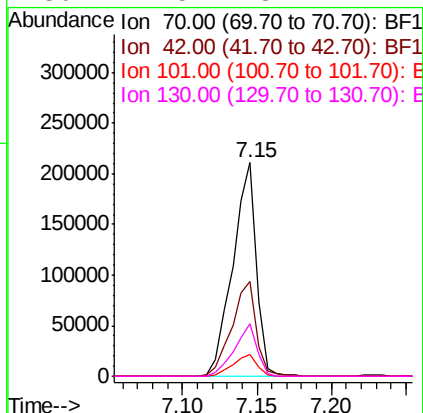




#19
n-Nitroso-di-n-propylamine
Concen: 49.207 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

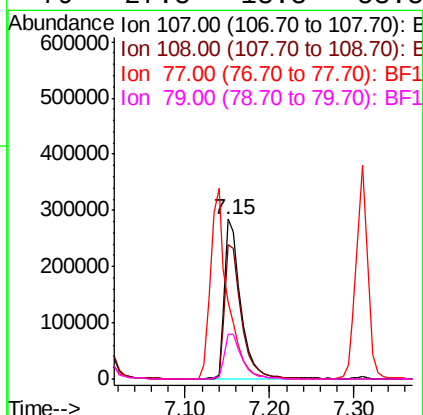
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.6	38.0	57.0
101	10.3	8.2	12.4
130	24.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 51.552 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	71.5	111.5
77	48.5	45.9	85.9
79	27.8	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 438356

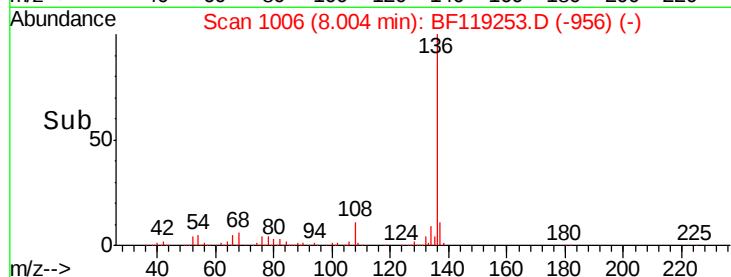
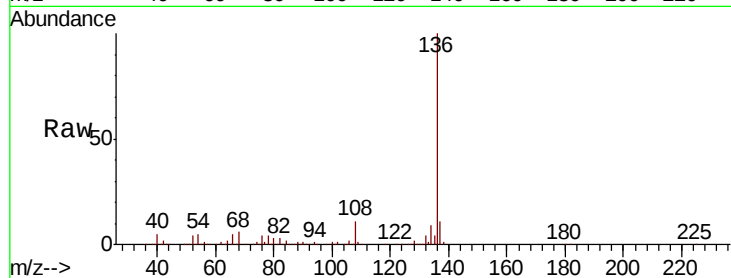
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.2 3.8 5.6

68 5.5 3.9 5.9

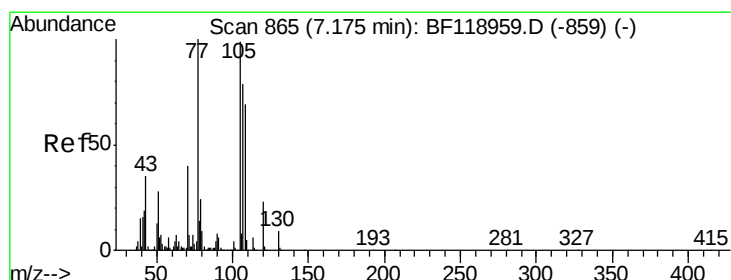
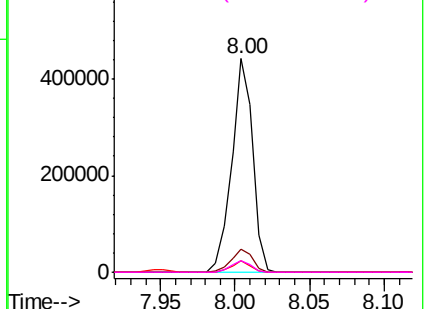


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.691 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Tgt Ion:105 Resp: 473562

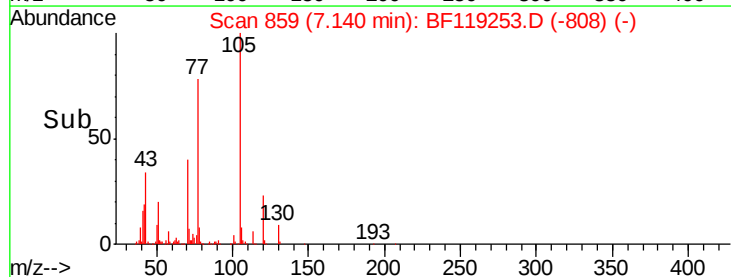
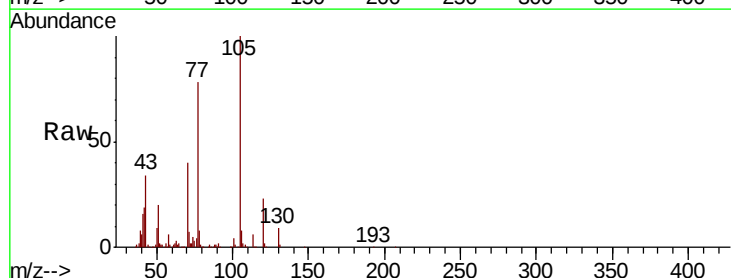
Ion Ratio Lower Upper

105 100

71 6.8 3.0 4.4#

51 20.1 20.1 30.1

120 22.6 18.0 27.0

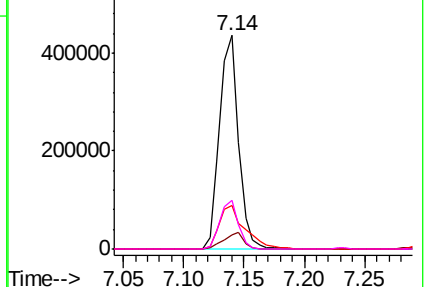


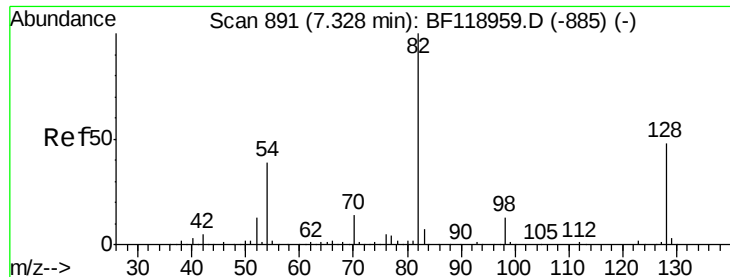
Abundance Ion 105.00 (104.70 to 105.70): E

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

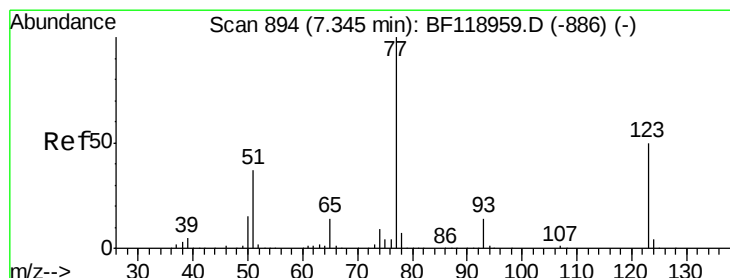
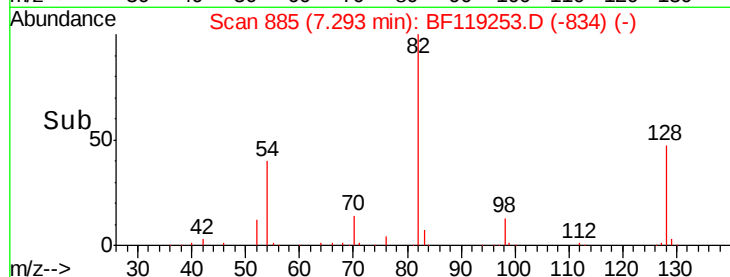
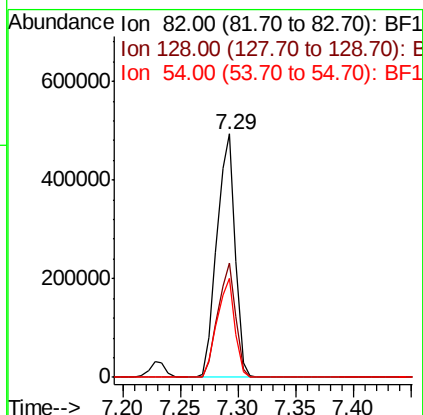
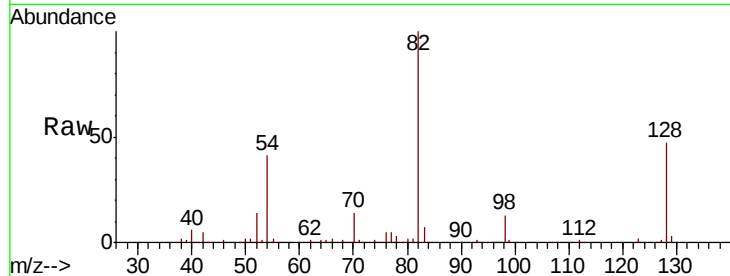




#23
 Nitrobenzene-d5
 Concen: 65.317 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

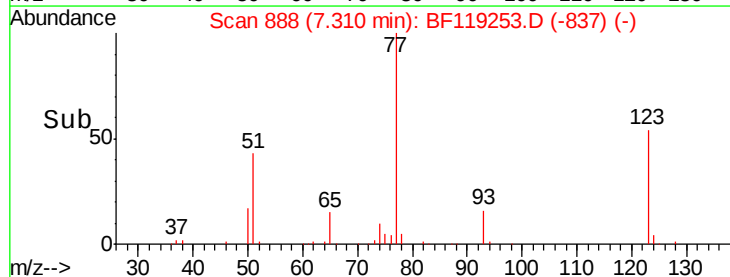
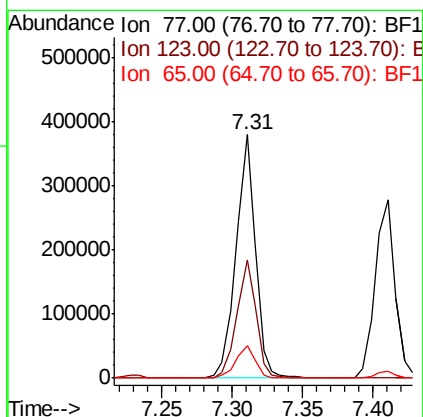
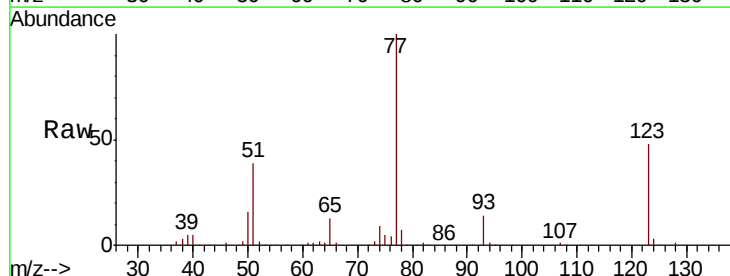
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 542273
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.9 56.9
 54 40.6 33.4 50.2



#24
 Nitrobenzene
 Concen: 44.299 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion: 77 Resp: 363698
 Ion Ratio Lower Upper
 77 100
 123 48.4 40.2 60.2
 65 13.3 10.8 16.2

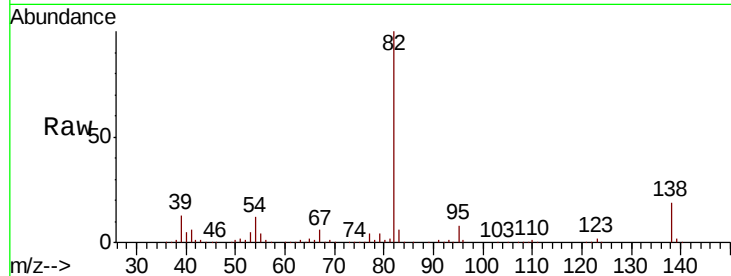




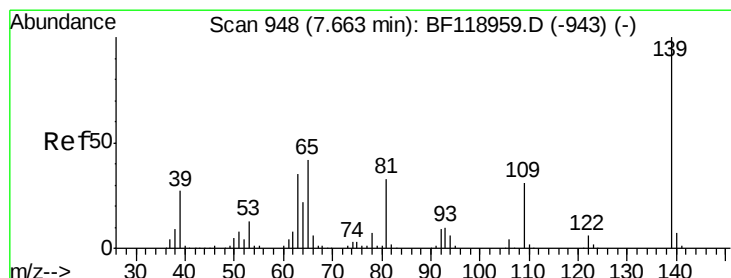
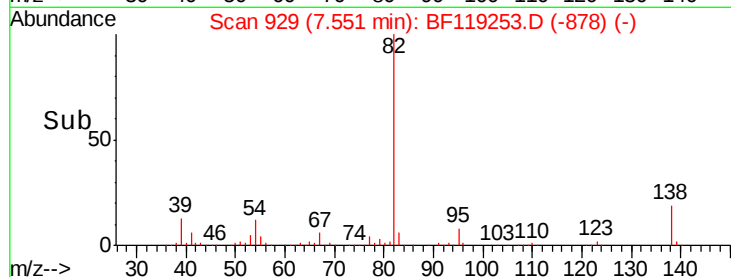
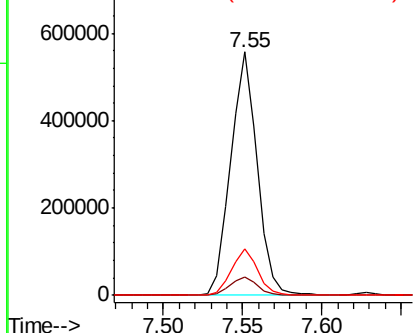
#25
Isophorone
Concen: 44.759 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 645359
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.9 15.7 23.5

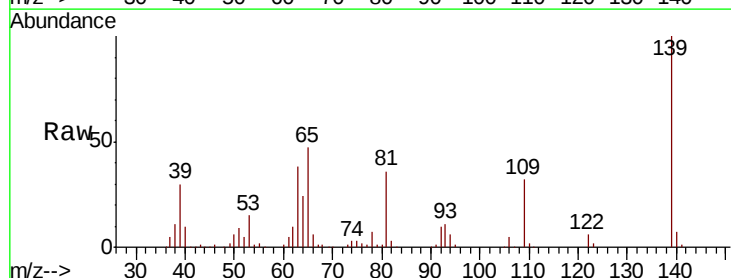


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

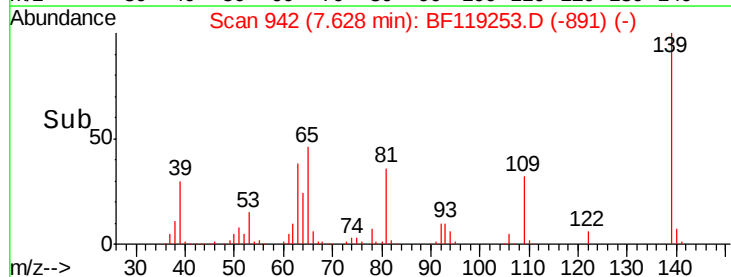
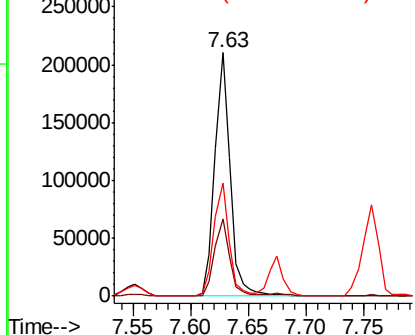


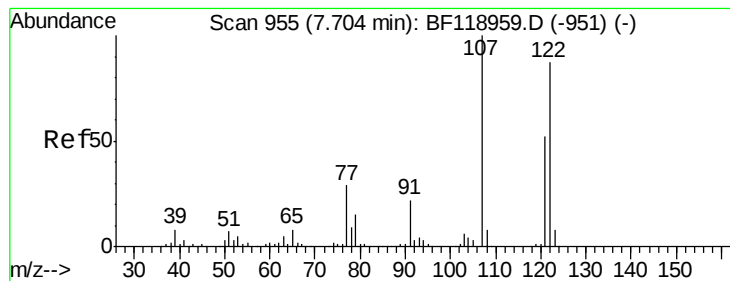
#26
2-Nitrophenol
Concen: 44.912 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion: 139 Resp: 195371
Ion Ratio Lower Upper
139 100
109 31.7 25.7 38.5
65 46.7 37.1 55.7



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





#27

2,4-Dimethylphenol

Concen: 48.228 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampled :

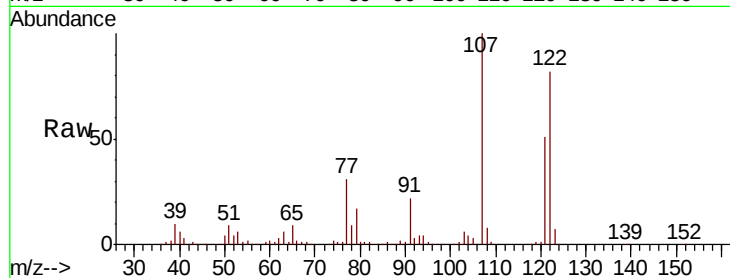
Tot Ion:122 Resp: 284727

Ion Ratio Lower Upper

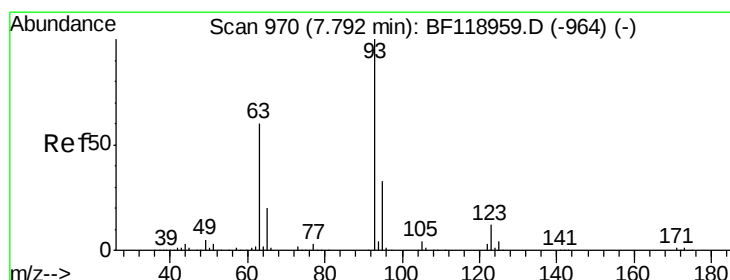
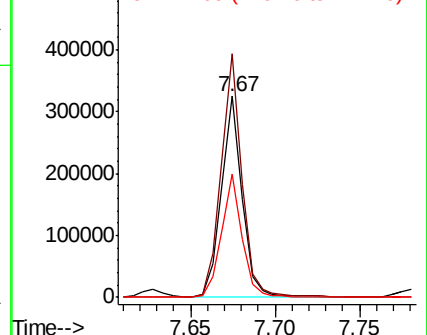
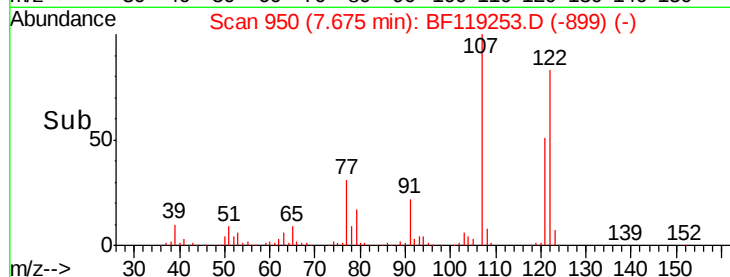
122 100

107 121.3 93.8 140.6

121 61.7 48.2 72.2



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



#28

bis(2-Chloroethoxy)methane

Concen: 41.108 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

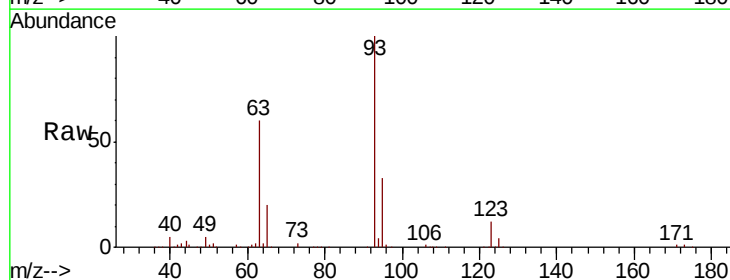
Tgt Ion: 93 Resp: 385795

Ion Ratio Lower Upper

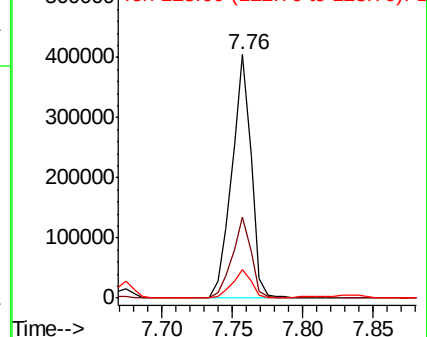
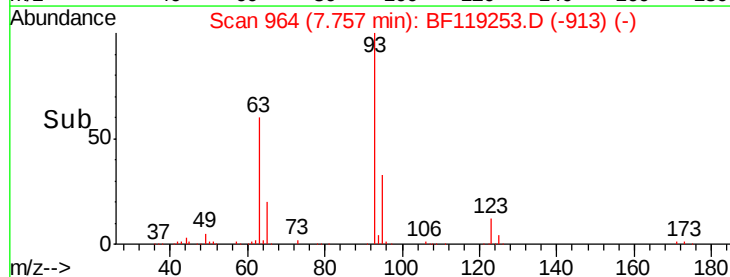
93 100

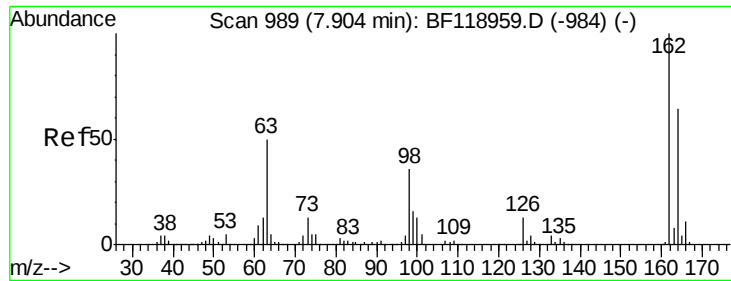
95 33.5 26.5 39.7

123 11.8 10.2 15.2



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

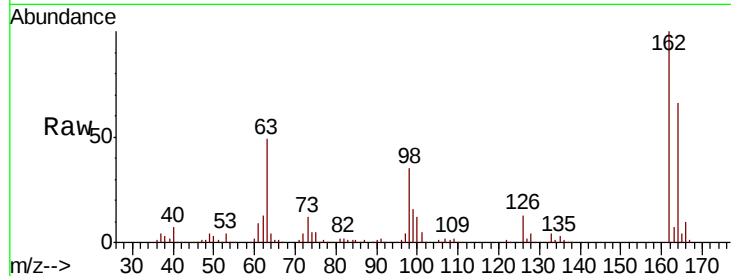




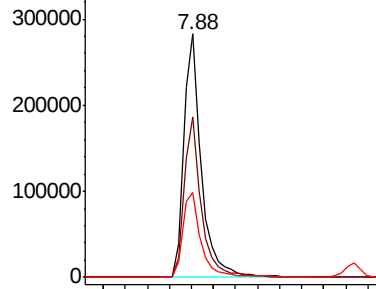
#29
2,4-Dichlorophenol
Concen: 43.966 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :

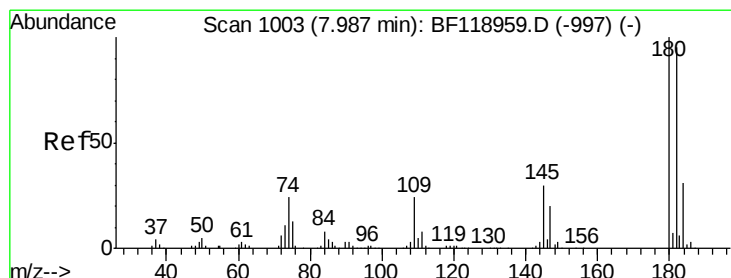
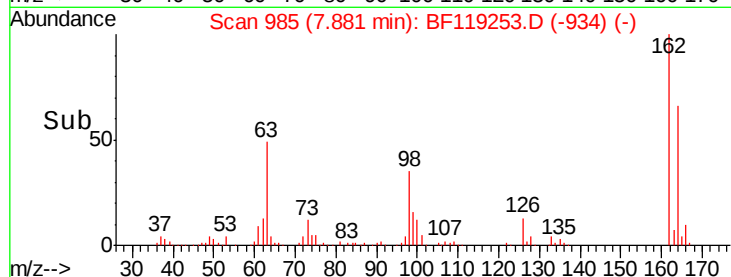
Tot Ion:162 Resp: 305570
Ion Ratio Lower Upper
162 100
164 65.8 45.2 85.2
98 35.0 17.4 57.4



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

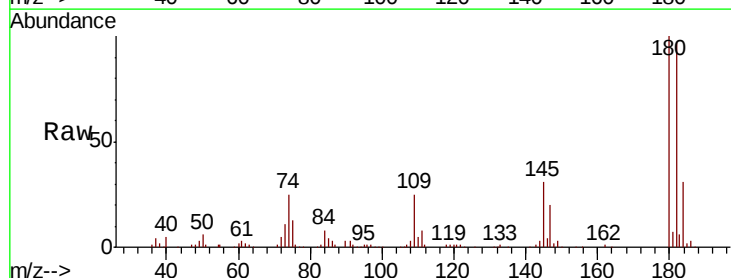


Time-->

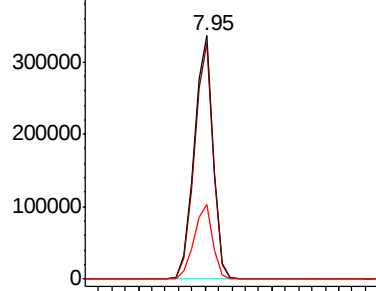


#30
1,2,4-Trichlorobenzene
Concen: 40.693 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

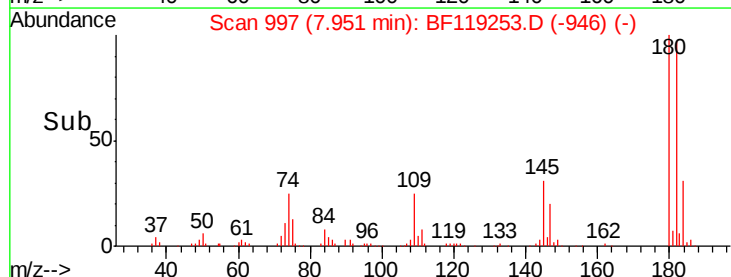
Tgt Ion:180 Resp: 335326
Ion Ratio Lower Upper
180 100
182 96.8 77.8 116.6
145 30.9 25.2 37.8

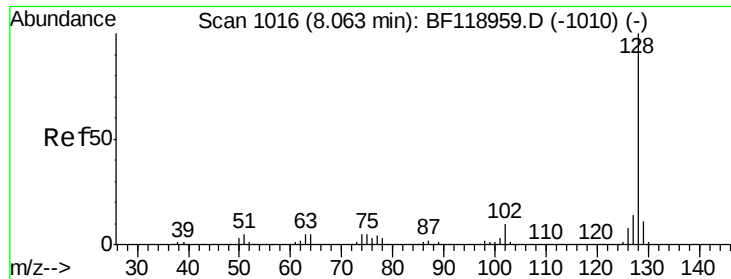


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



Time-->

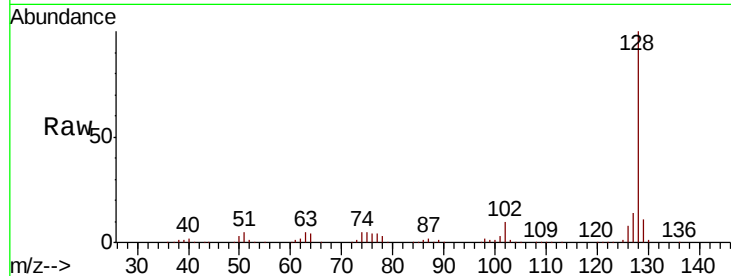




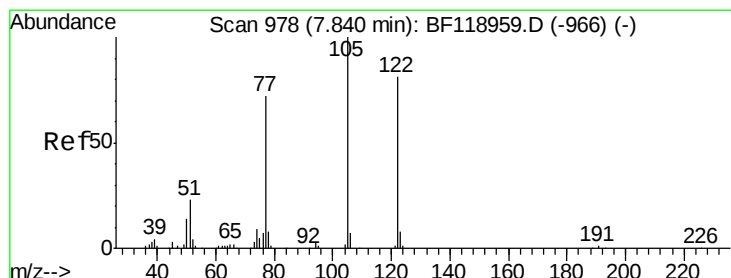
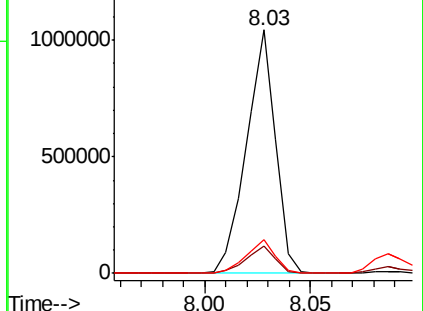
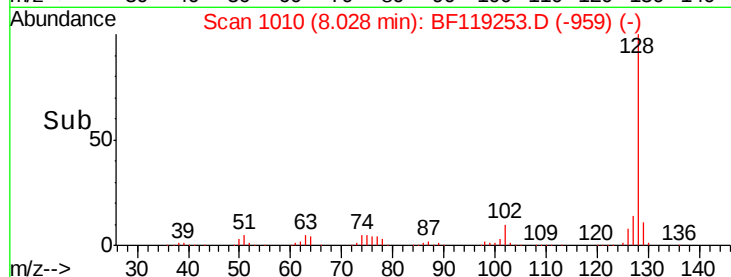
#31
Naphthalene
Concen: 43.997 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1000230
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.7 11.4 17.2

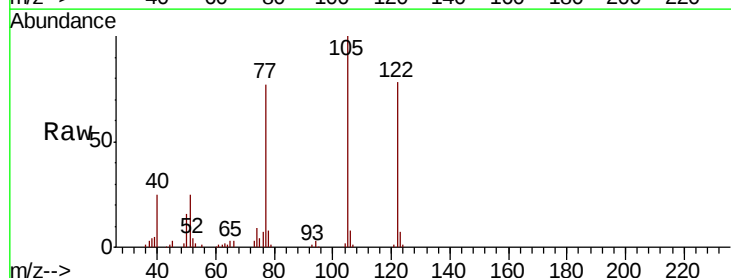


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

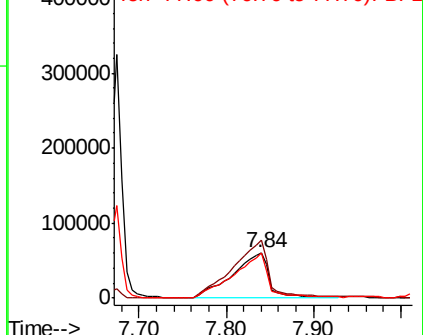
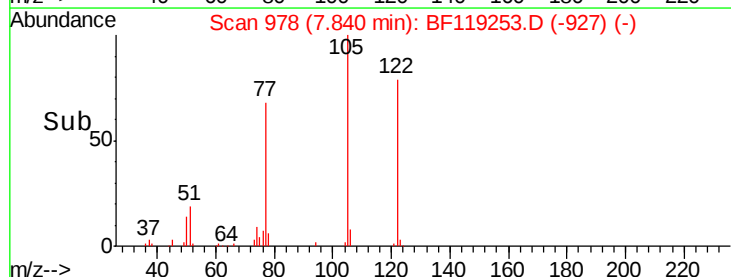


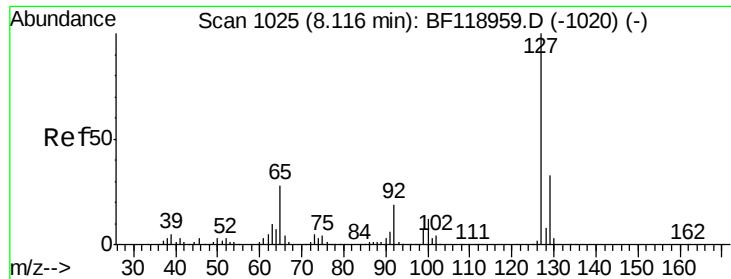
#32
Benzoic acid
Concen: 40.038 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:122 Resp: 166932
Ion Ratio Lower Upper
122 100
105 128.0 106.3 146.3
77 98.9 73.1 113.1



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

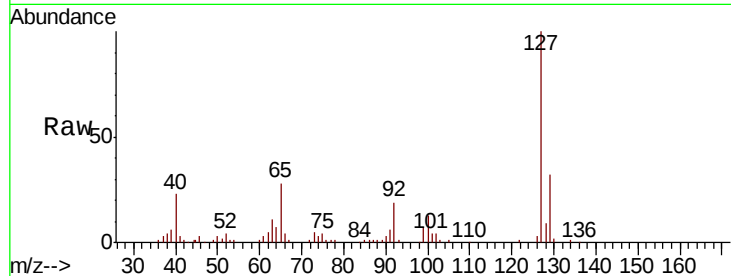




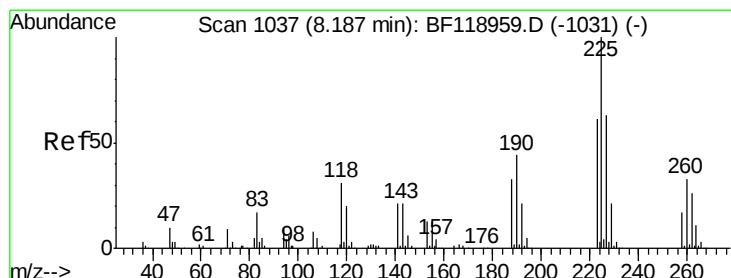
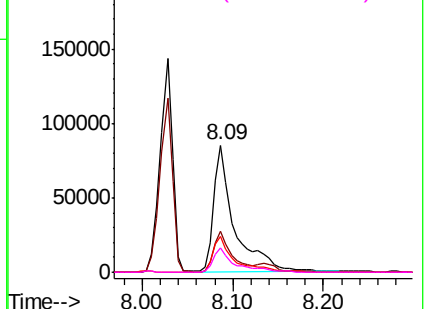
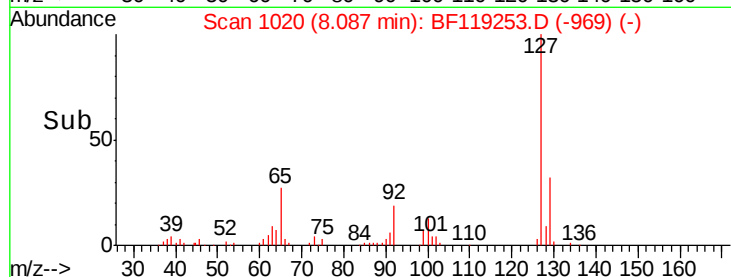
#33
4-Chloroaniline
Concen: 13.849 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	135419
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	27.8	23.9	35.9
92	19.4	16.3	24.5

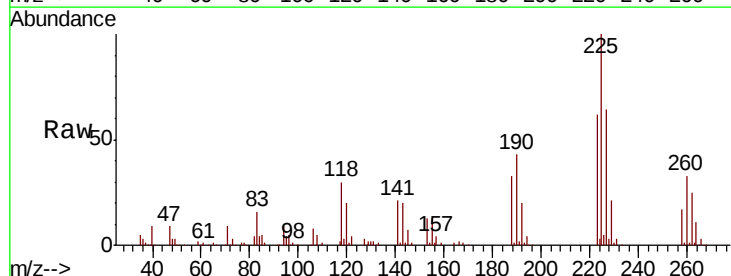


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

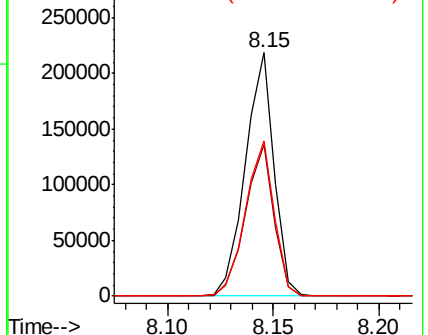
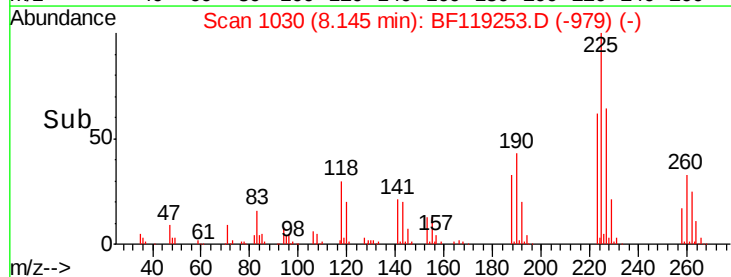


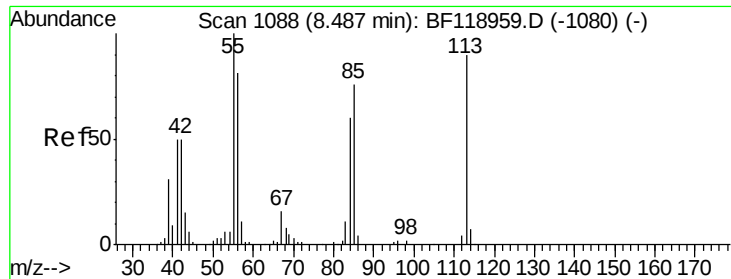
#34
Hexachlorobutadiene
Concen: 39.975 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:	225	Resp:	205191
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.2
227	64.0	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

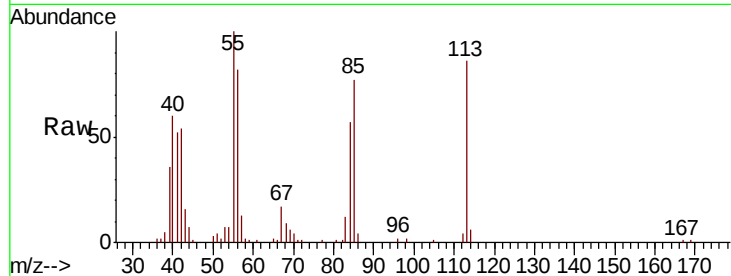




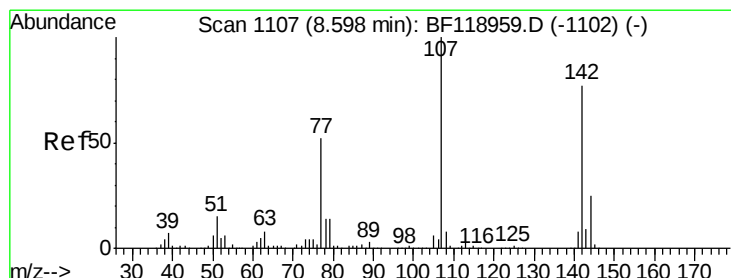
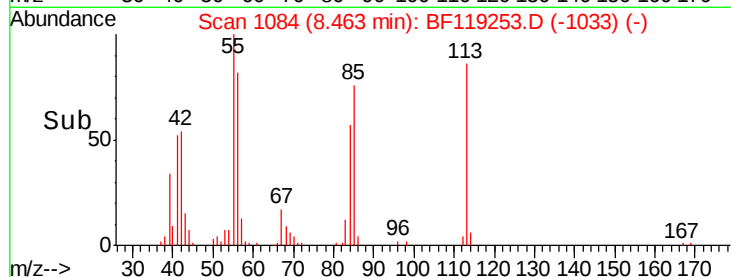
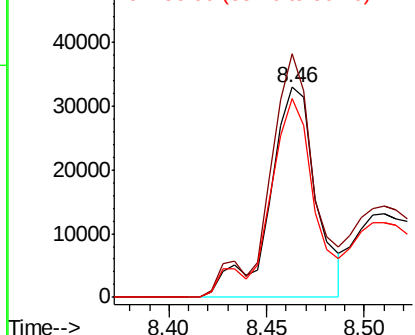
#35
Caprolactam
Concen: 25.493 ng
RT: 8.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 54556
Ion Ratio Lower Upper
113 100
55 115.9 95.7 135.7
56 95.0 73.1 113.1

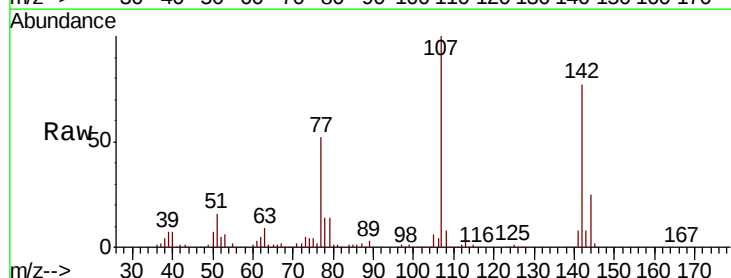


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

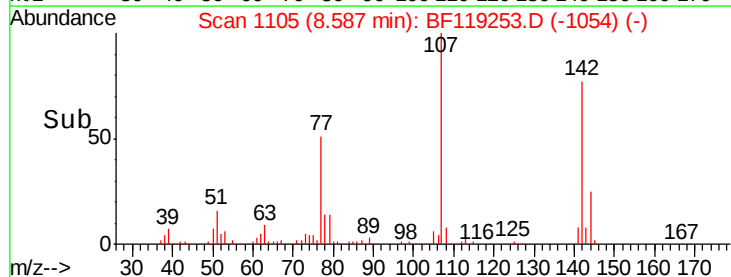
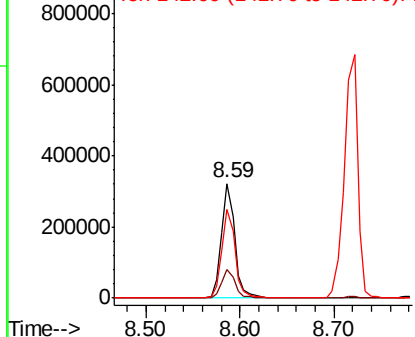


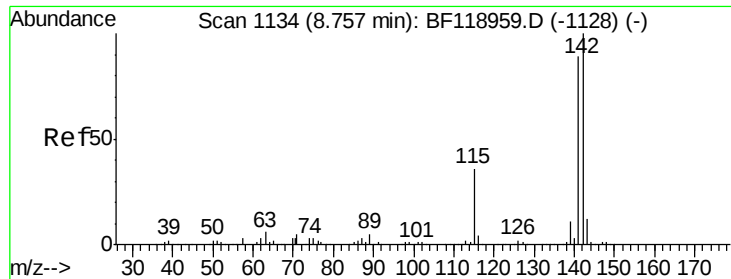
#36
4-Chloro-3-methylphenol
Concen: 46.136 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:107 Resp: 324520
Ion Ratio Lower Upper
107 100
144 24.8 20.1 30.1
142 76.8 61.4 92.2



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

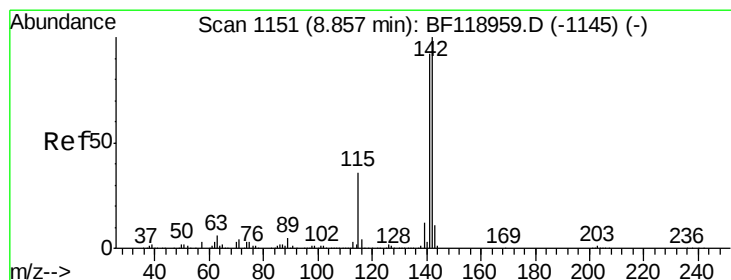
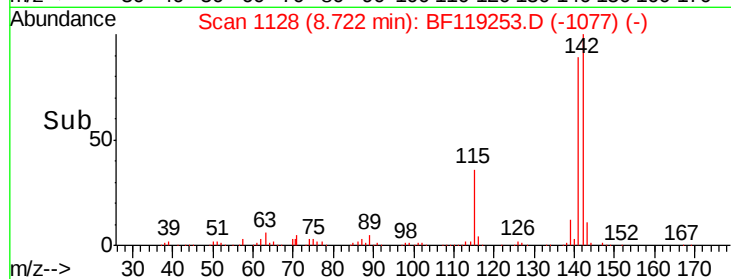
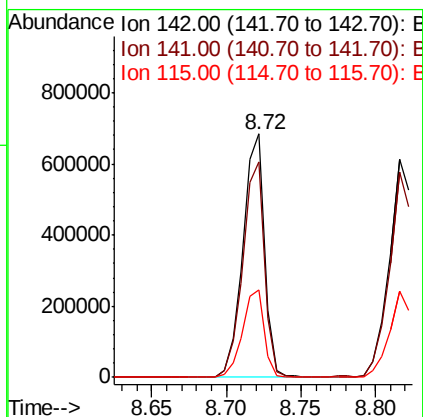
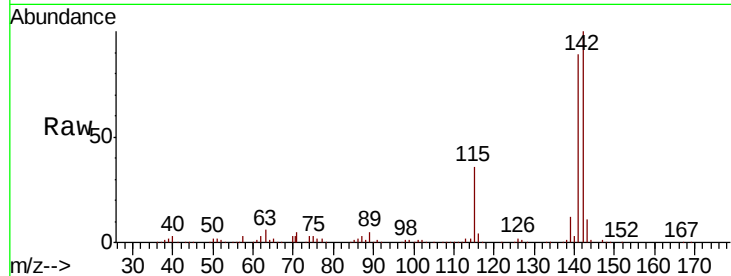




#37
2-Methylnaphthalene
Concen: 44.720 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

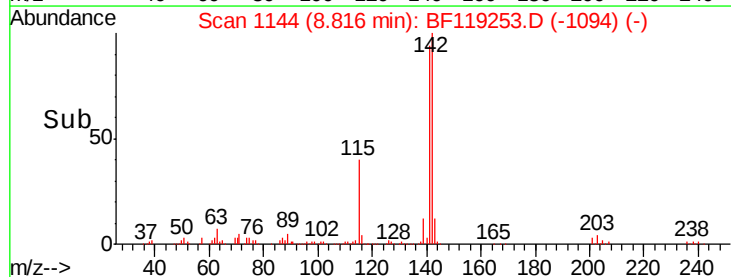
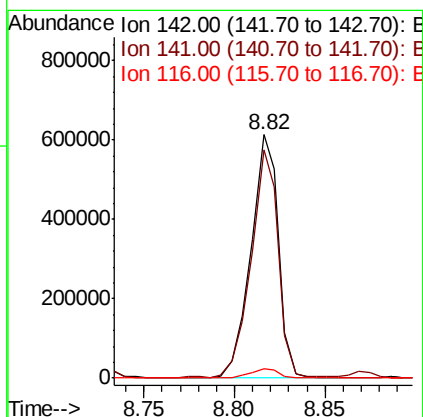
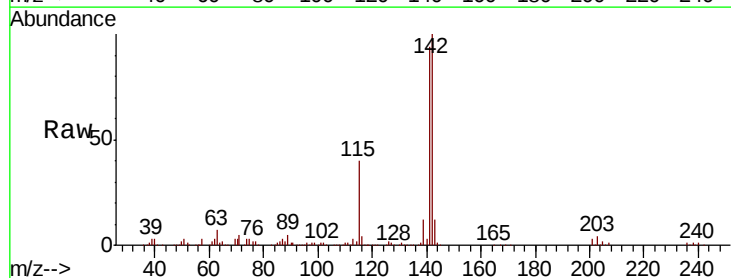
Instrument :
BNA_F
ClientSampleId :

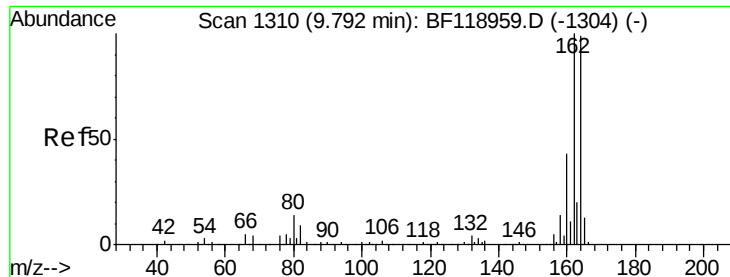
Tot Ion:142 Resp: 684184
Ion Ratio Lower Upper
142 100
141 88.6 72.3 108.5
115 36.0 30.6 45.8



#38
1-Methylnaphthalene
Concen: 44.572 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:142 Resp: 641307
Ion Ratio Lower Upper
142 100
141 94.0 75.8 113.6
116 4.1 3.1 4.7

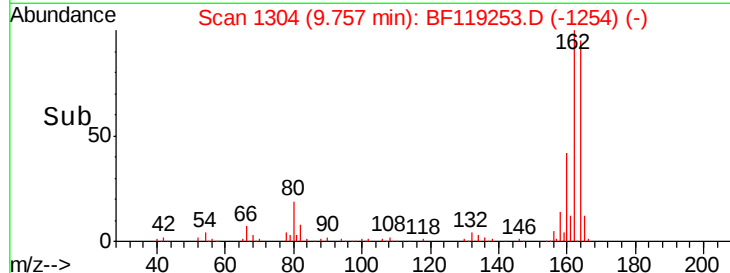
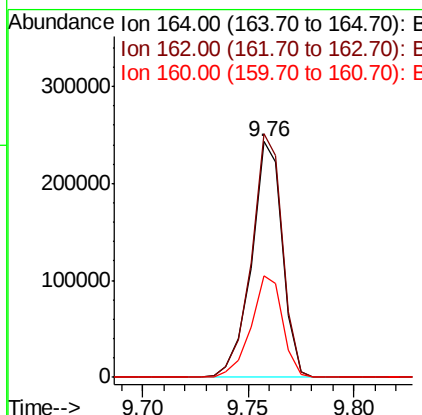
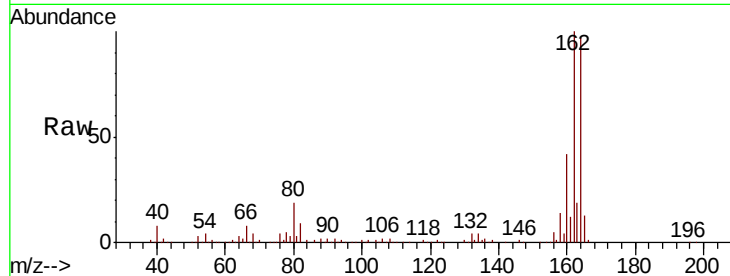




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

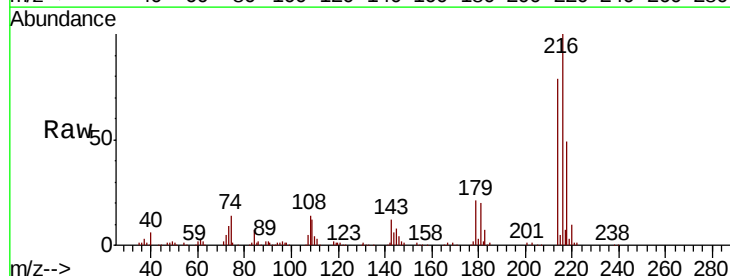
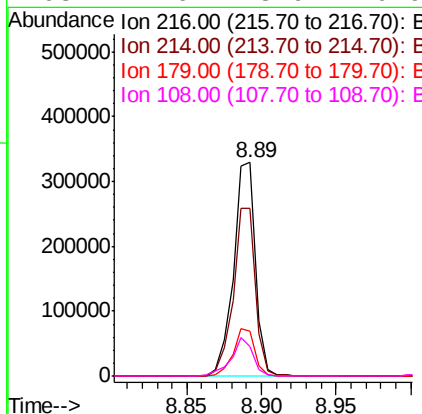
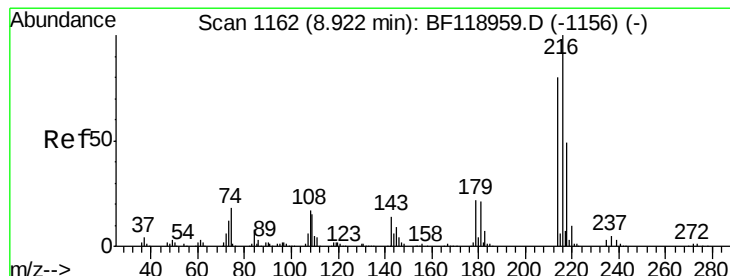
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 247259
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.8 122.8
 160 43.3 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.002 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion:216 Resp: 341813
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.3 94.9
 179 21.8 17.7 26.5
 108 17.6 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 47.454 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

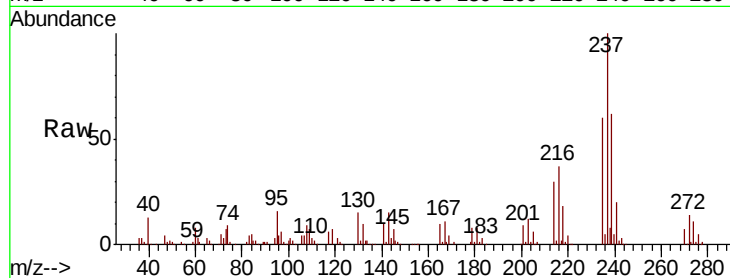
Tot Ion:237 Resp: 130859

Ion Ratio Lower Upper

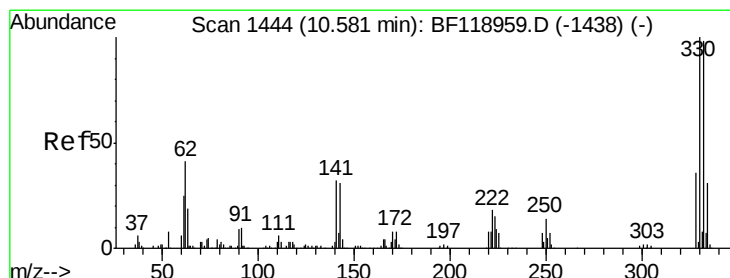
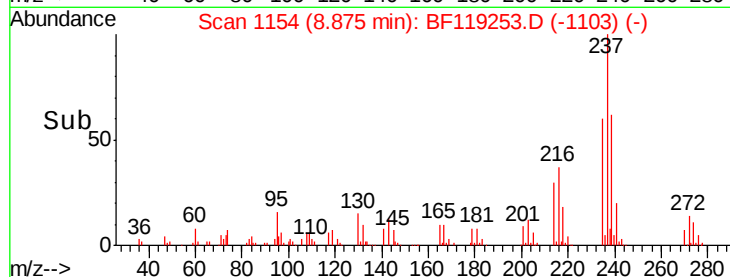
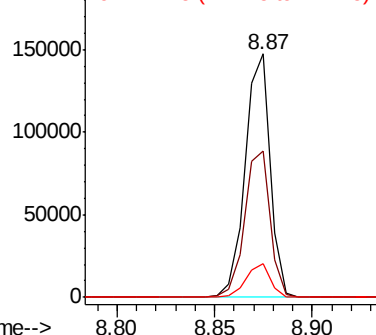
237 100

235 59.9 42.3 82.3

272 13.6 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: 91.780 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

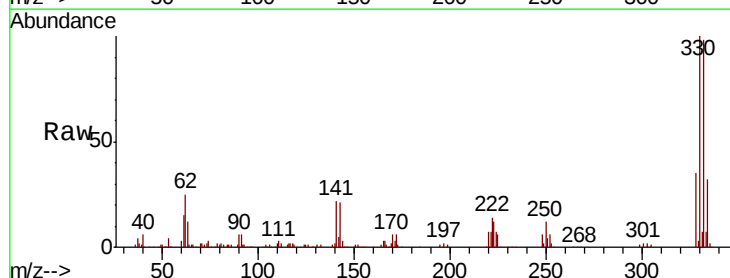
Tgt Ion:330 Resp: 296867

Ion Ratio Lower Upper

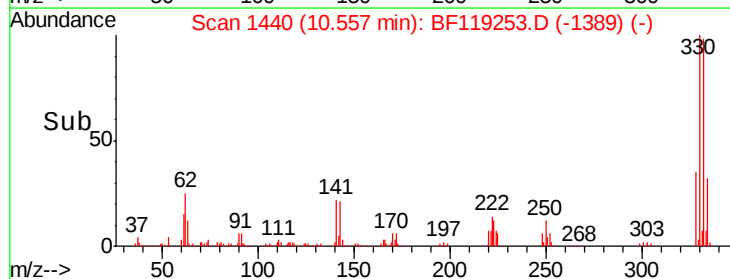
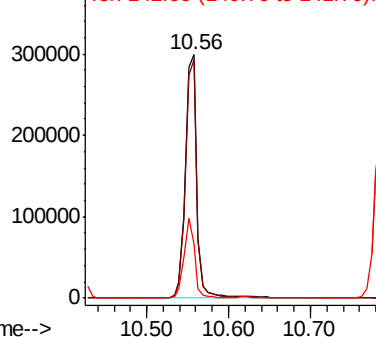
330 100

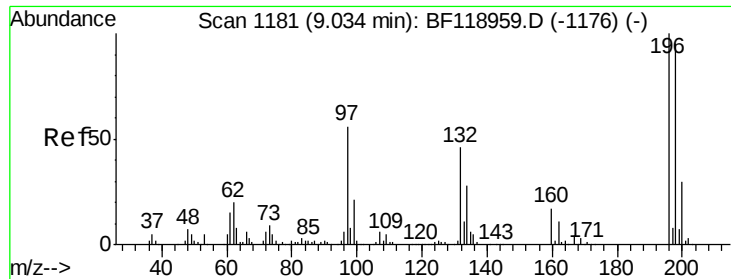
332 97.6 76.0 114.0

141 29.8 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

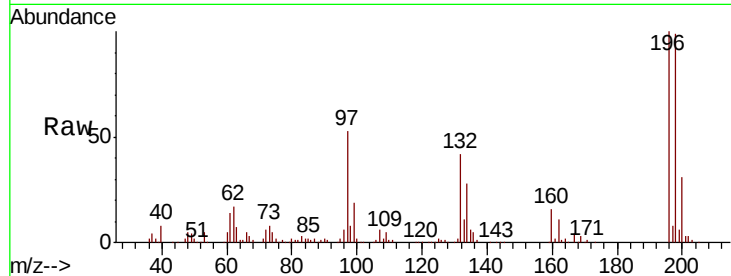




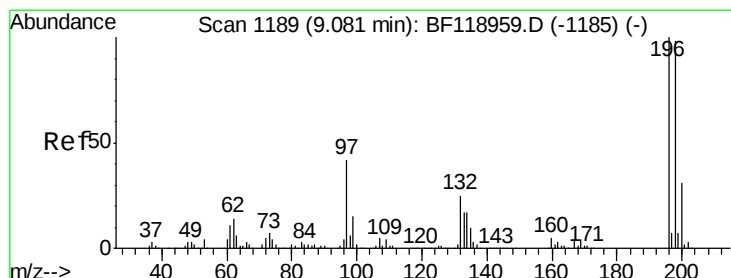
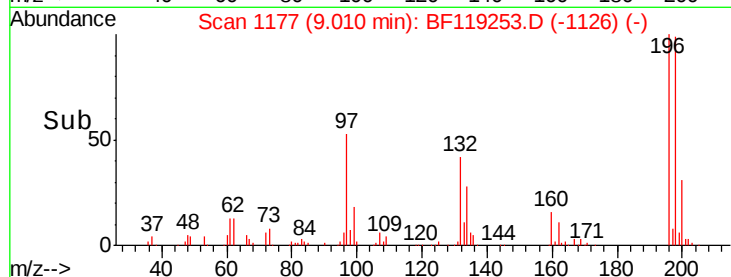
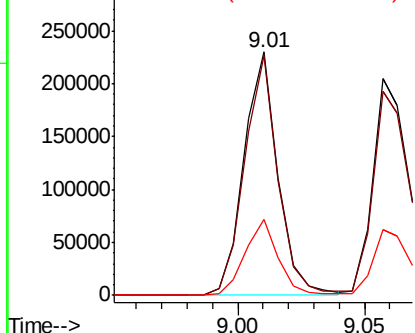
#43
 2,4,6-Trichlorophenol
 Concen: 40.883 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 215229
 Ion Ratio Lower Upper
 196 100
 198 98.5 77.1 115.7
 200 31.2 25.0 37.6

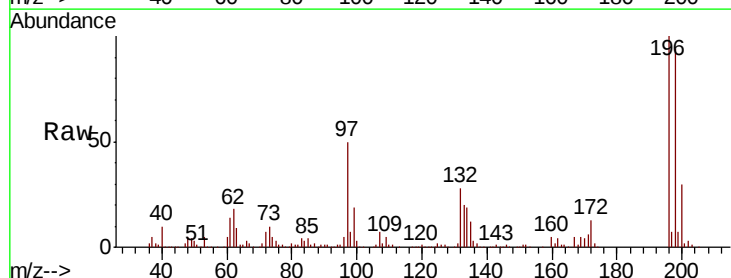


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

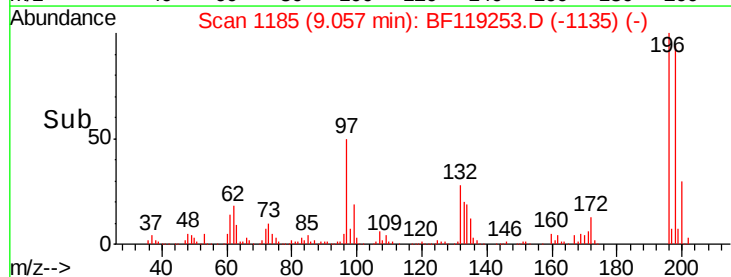
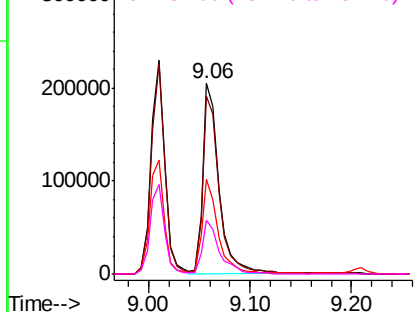


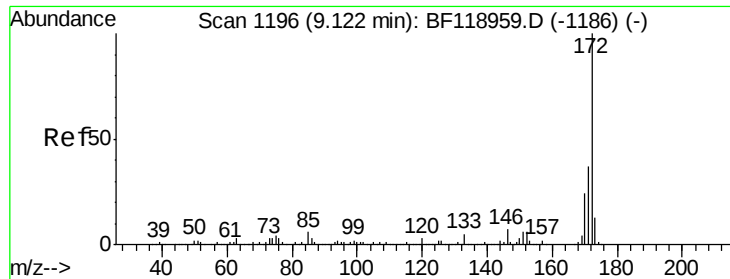
#44
 2,4,5-Trichlorophenol
 Concen: 41.315 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion:196 Resp: 228239
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.8 115.2
 97 50.0 38.5 57.7
 132 28.5 22.2 33.4



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

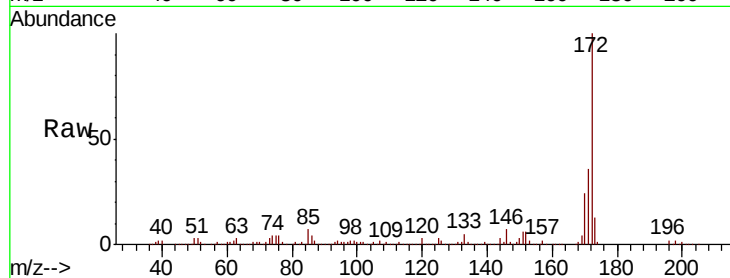




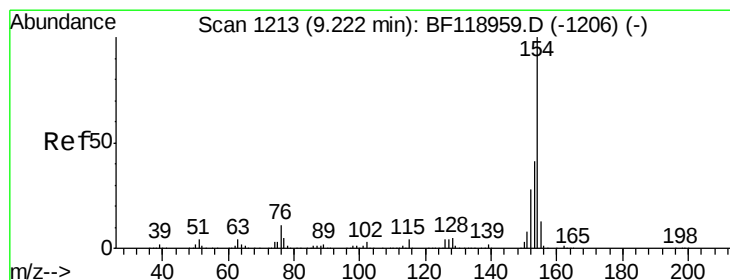
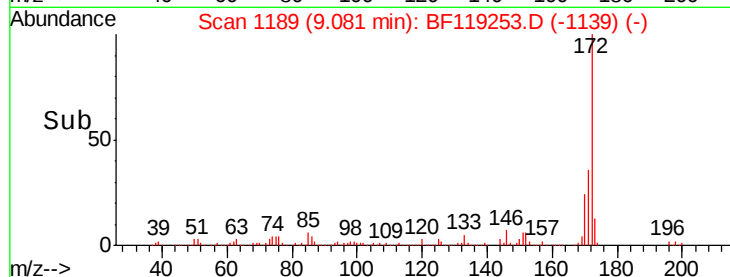
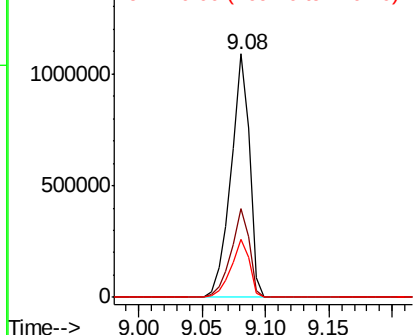
#45
2-Fluorobiphenyl
Concen: 64.967 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1090409
Ion Ratio Lower Upper
172 100
171 36.3 30.6 45.8
170 23.9 20.2 30.2

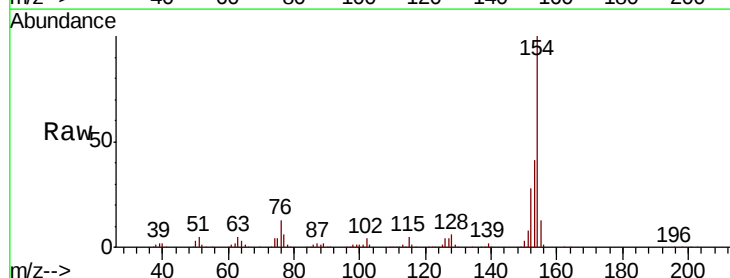


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

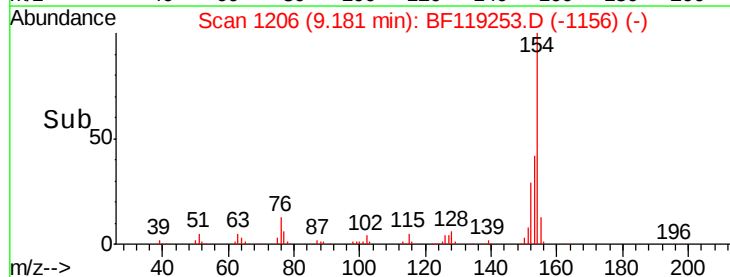
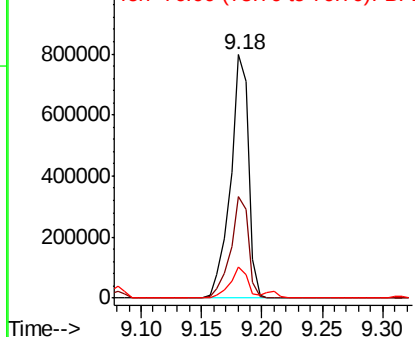


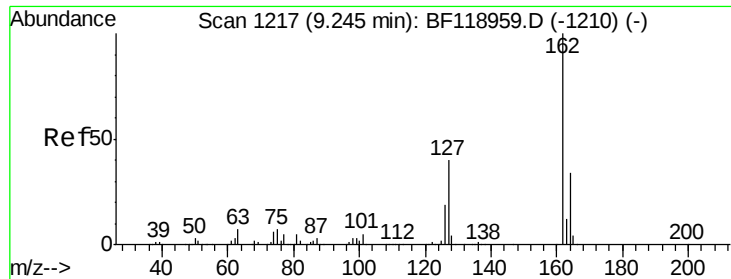
#46
1,1'-Biphenyl
Concen: 41.401 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:154 Resp: 827343
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

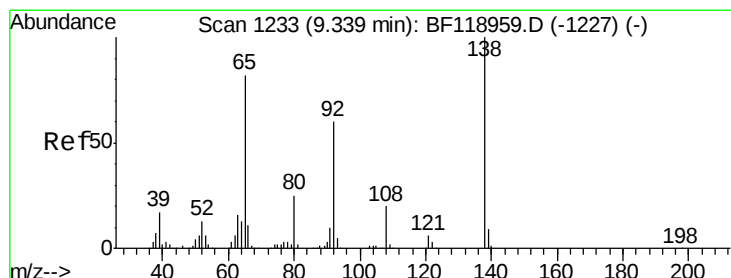
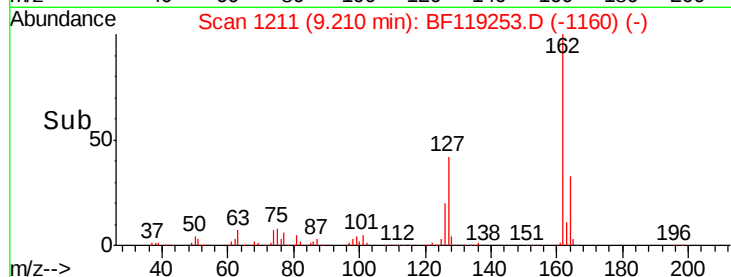
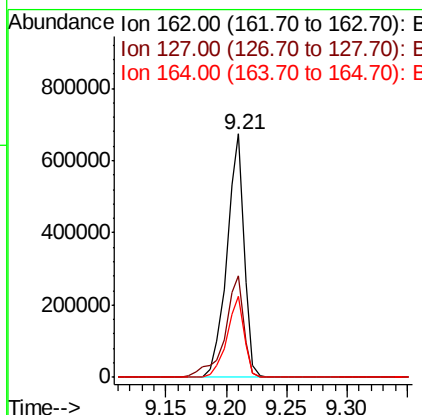
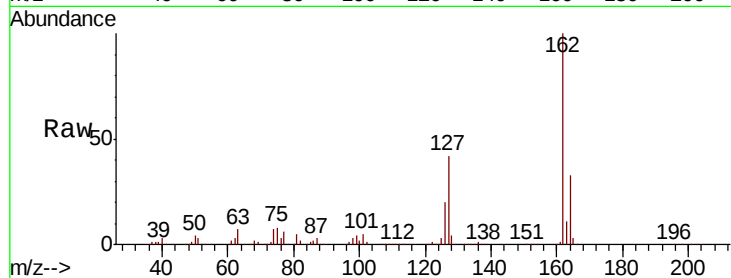




#47
 2-Chloronaphthalene
 Concen: 41.268 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

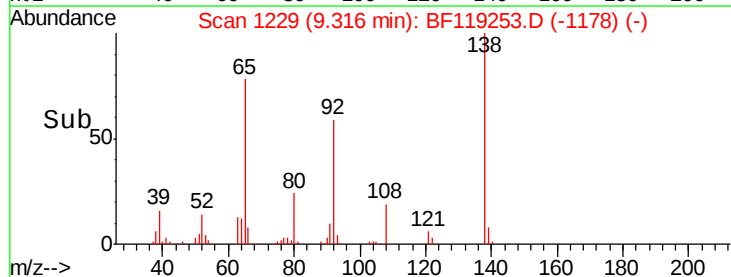
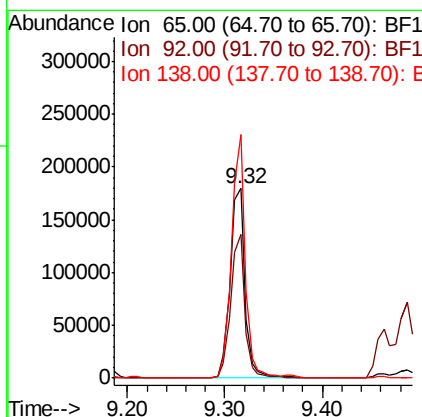
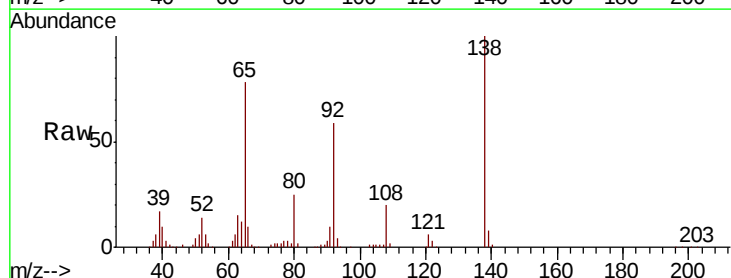
Instrument :
 BNA_F
 ClientSampleId :

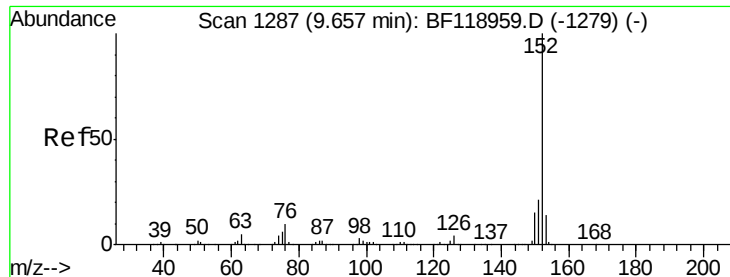
Tot Ion:162 Resp: 664573
 Ion Ratio Lower Upper
 162 100
 127 41.7 35.0 52.4
 164 33.1 27.2 40.8



#48
 2-Nitroaniline
 Concen: 42.723 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion: 65 Resp: 191897
 Ion Ratio Lower Upper
 65 100
 92 75.5 58.2 87.2
 138 128.3 95.6 143.4





#49

Acenaphthylene

Concen: 43.846 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

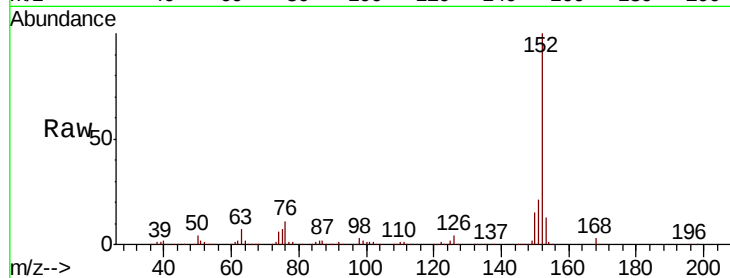
Tot Ion:152 Resp: 1019790

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

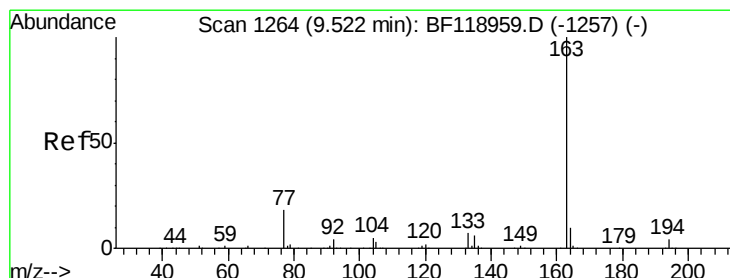
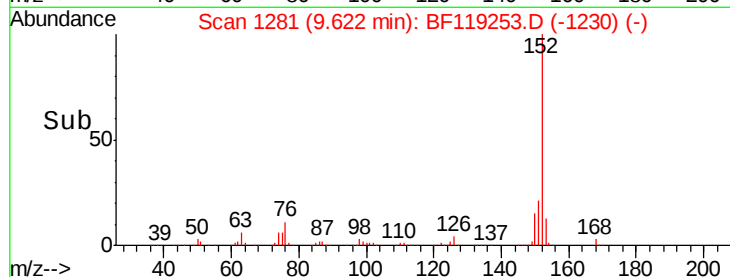
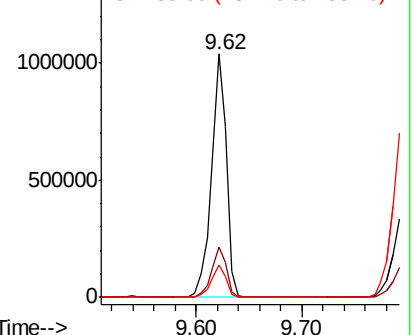
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.284 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

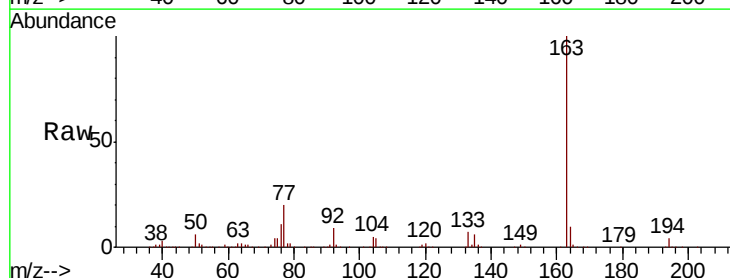
Tgt Ion:163 Resp: 875114

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

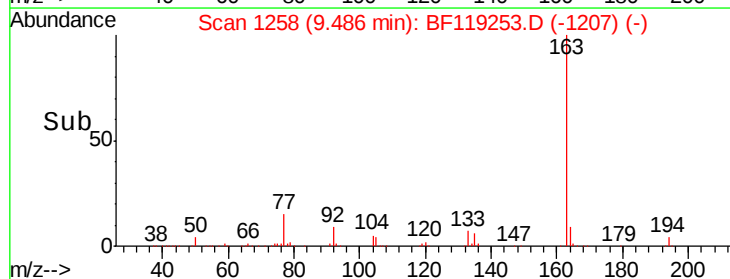
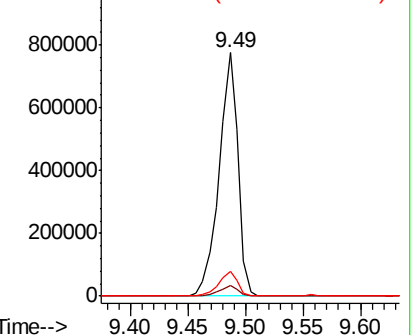
164 10.3 8.4 12.6



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

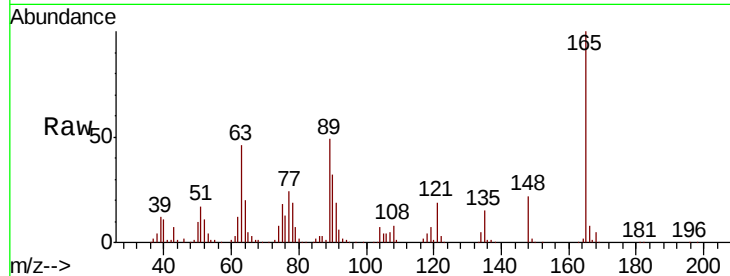




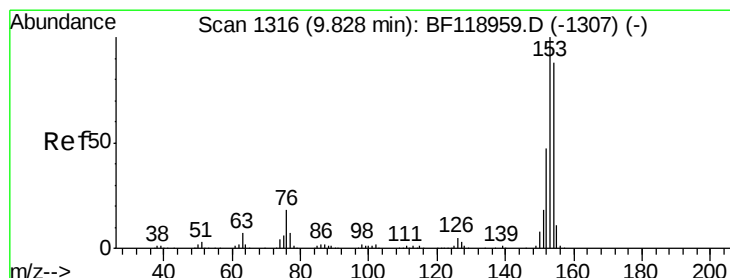
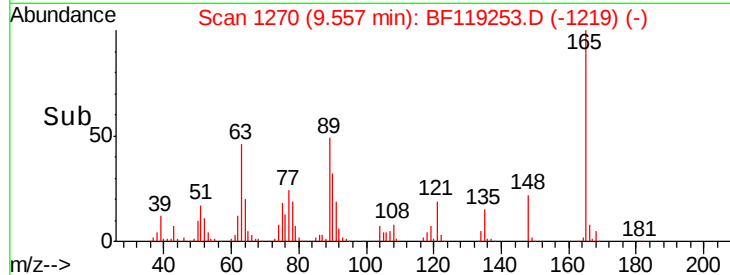
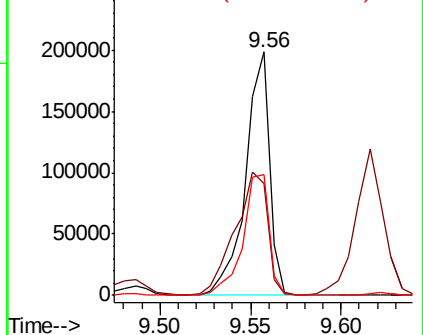
#51
 2,6-Dinitrotoluene
 Concen: 43.455 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.7	34.3	51.5
89	49.5	38.3	57.5

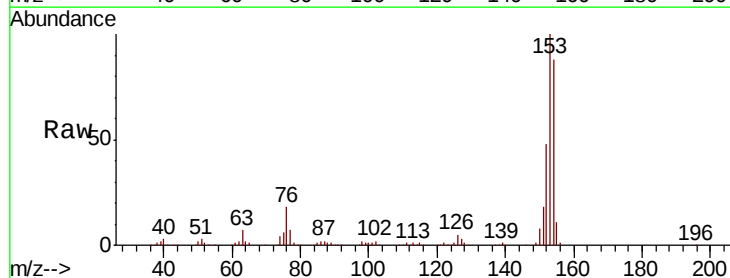


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

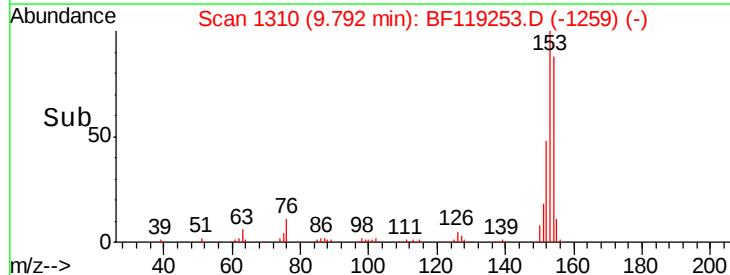
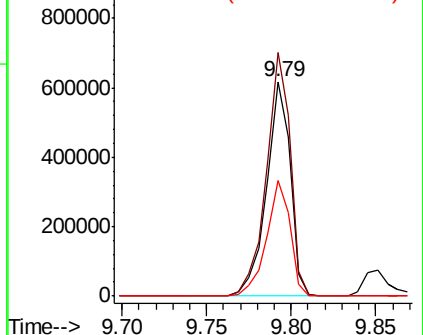


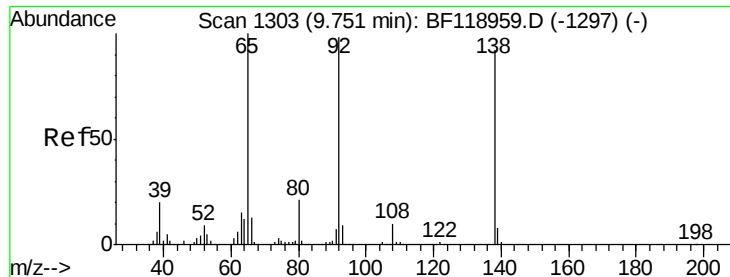
#52
 Acenaphthene
 Concen: 42.603 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.3	135.5
152	54.1	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

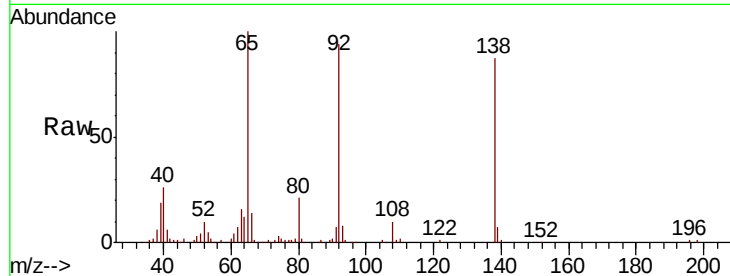




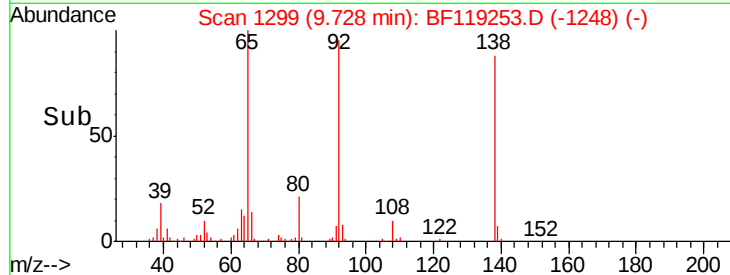
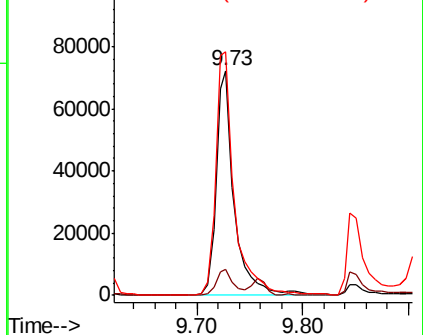
#53
3-Nitroaniline
Concen: 18.750 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 87319
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 108.4 84.8 127.2

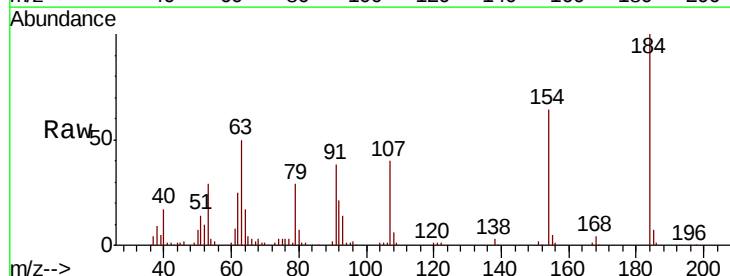


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

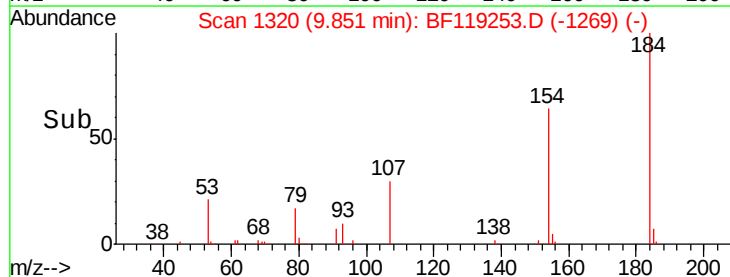
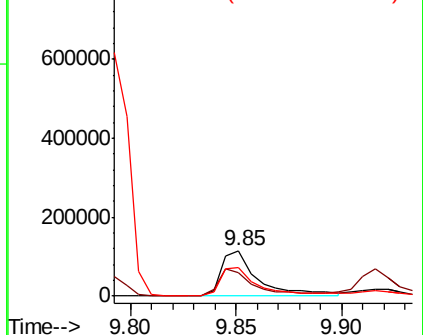


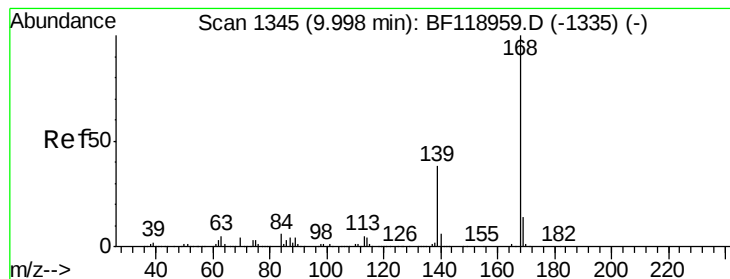
#54
2,4-Dinitrophenol
Concen: 69.772 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:184 Resp: 140296
Ion Ratio Lower Upper
184 100
63 50.4 38.7 58.1
154 63.6 49.7 74.5



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





#55

Dibenzofuran

Concen: 42.523 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

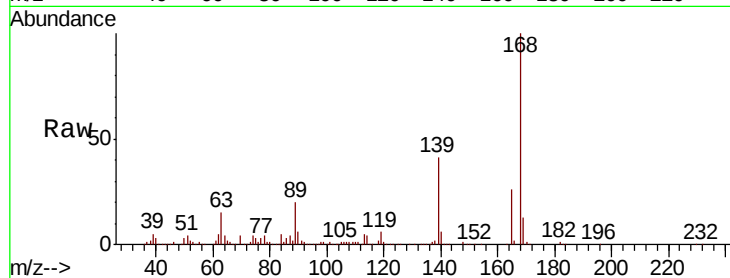
Tot Ion:168 Resp: 890129

Ion Ratio Lower Upper

168 100

139 41.1 34.0 51.0

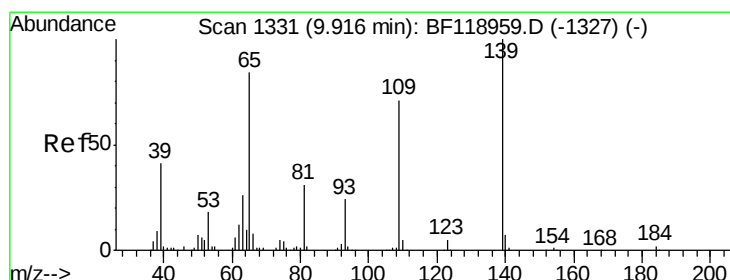
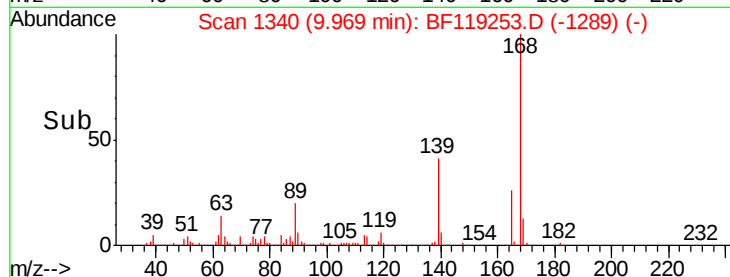
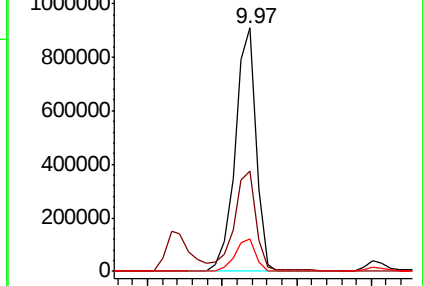
169 13.2 11.0 16.4



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: 61.460 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

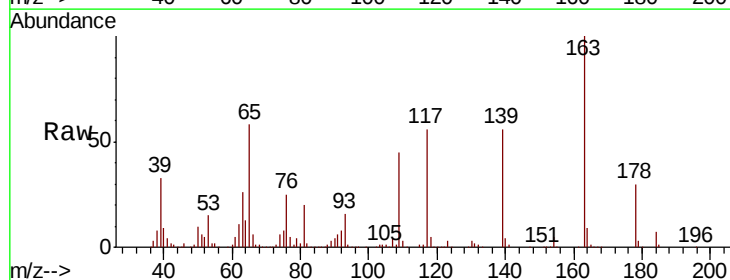
Tgt Ion:139 Resp: 171965

Ion Ratio Lower Upper

139 100

109 78.8 56.7 96.7

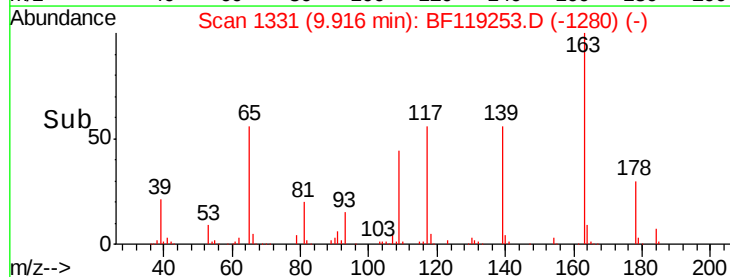
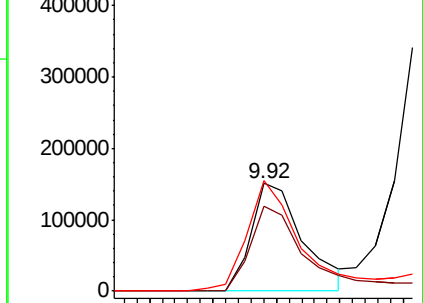
65 102.9 65.0 105.0

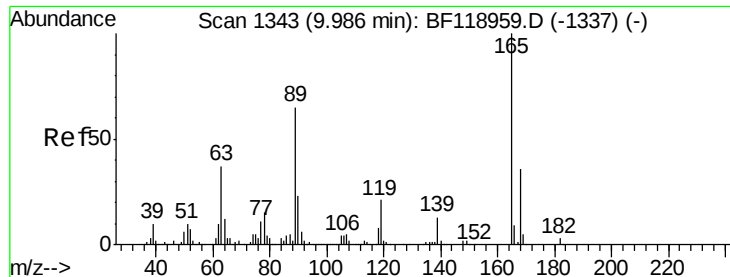


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

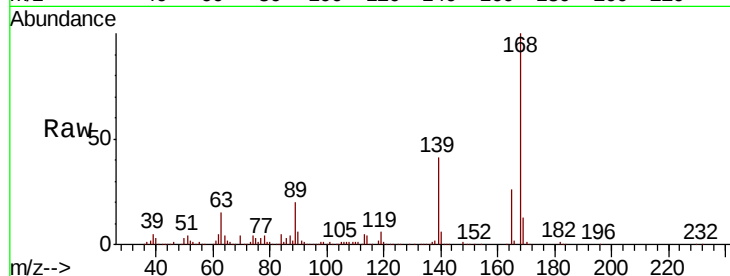




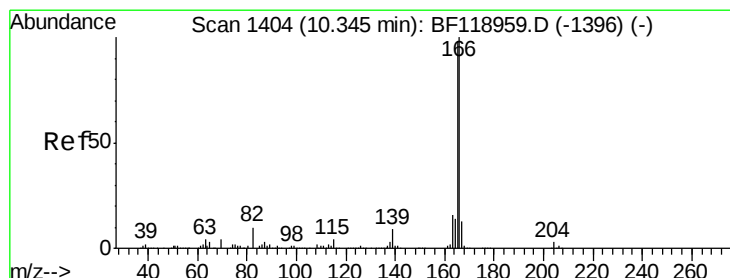
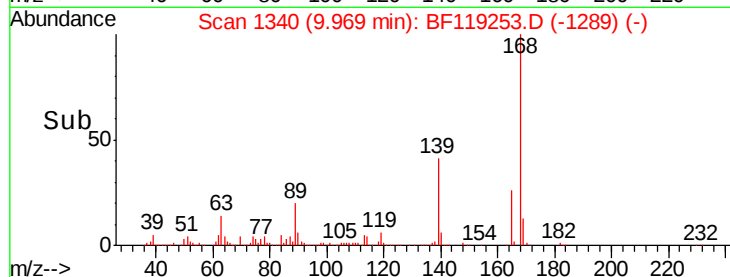
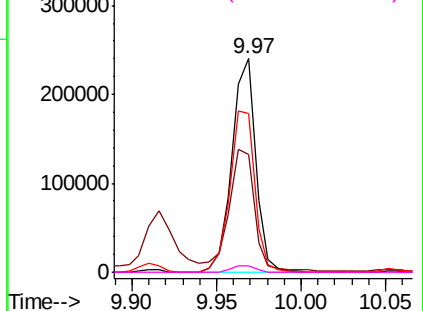
#57
2,4-Dinitrotoluene
Concen: 43.103 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 234688
Ion Ratio Lower Upper
165 100
63 55.0 42.3 63.5
89 74.6 60.2 90.4
182 3.0 2.3 3.5

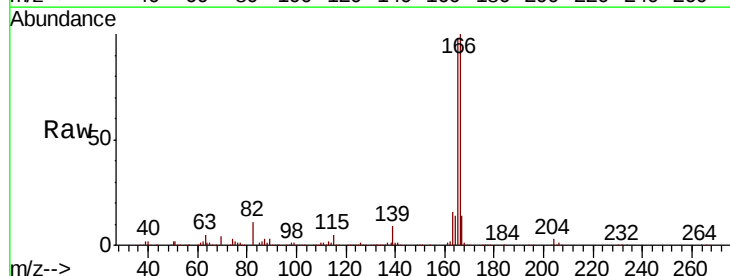


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

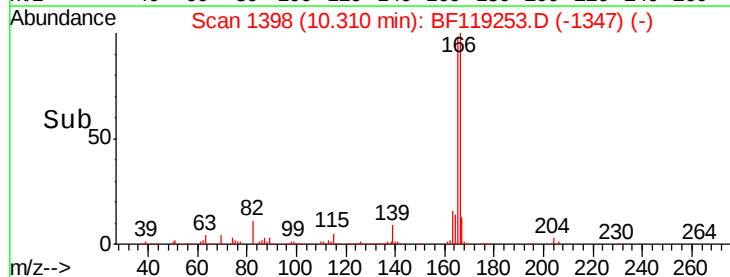
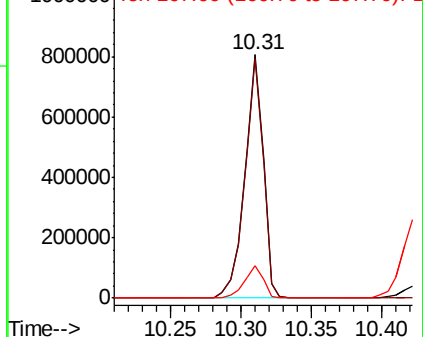


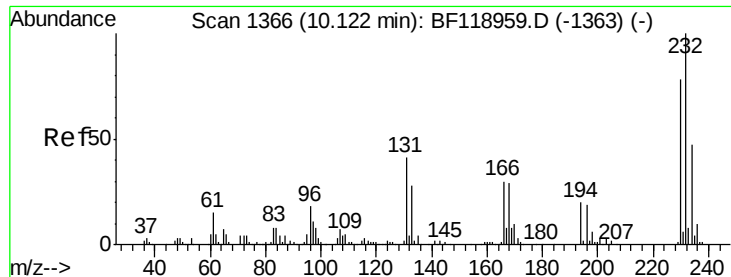
#58
Fluorene
Concen: 44.971 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:166 Resp: 731511
Ion Ratio Lower Upper
166 100
165 98.3 78.5 117.7
167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

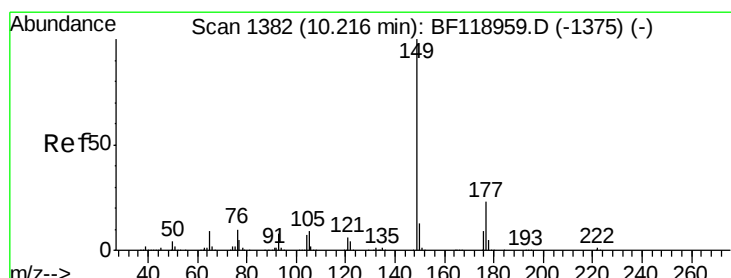
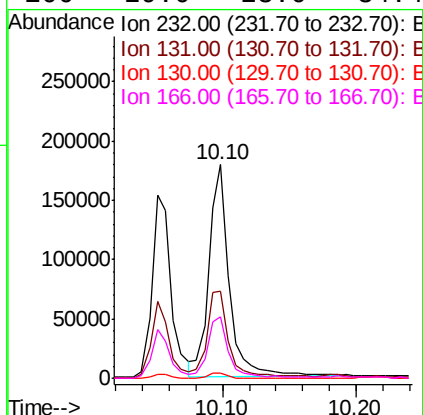
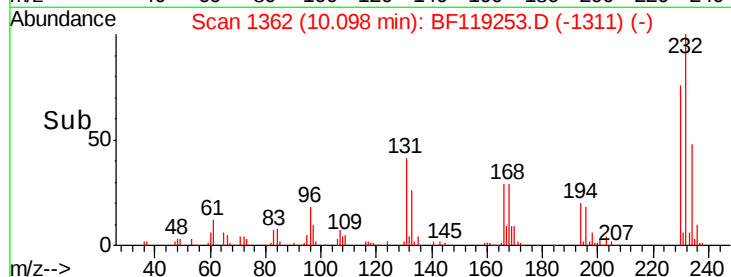
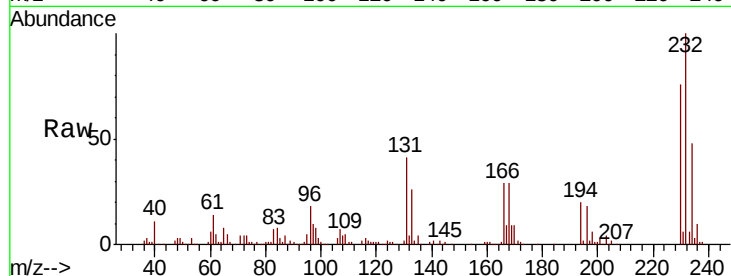




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.905 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

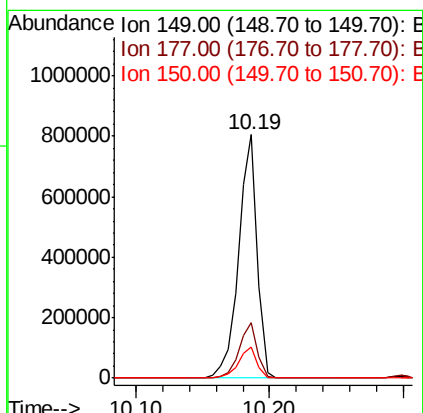
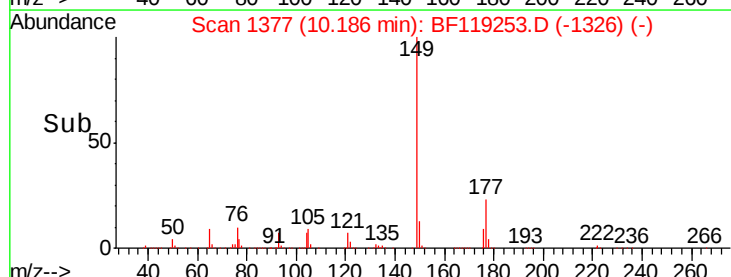
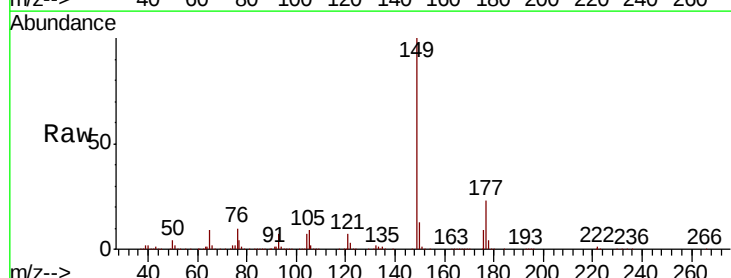
Instrument :
 BNA_F
 ClientSampled :

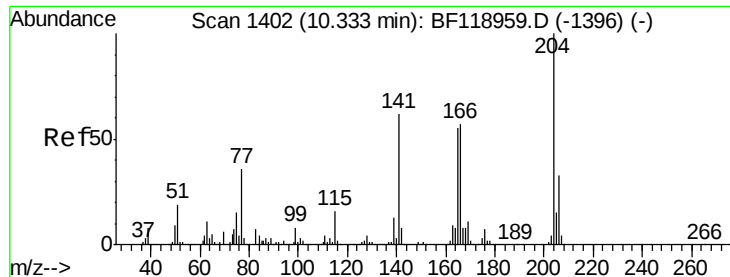
Tot Ion:	232	Resp:	190676
Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.8	50.8
130	2.4	1.8	2.6
166	29.0	23.0	34.4



#60
 Diethylphthalate
 Concen: 43.554 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion:	149	Resp:	776037
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.2	27.2
150	12.6	10.5	15.7

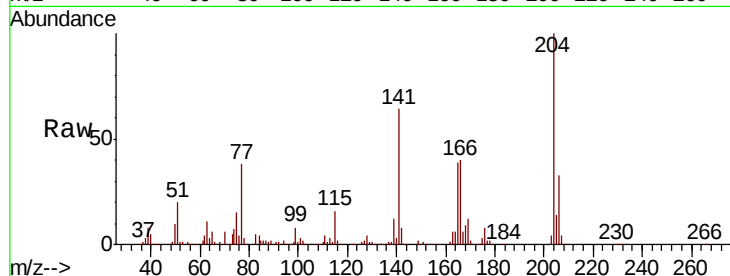




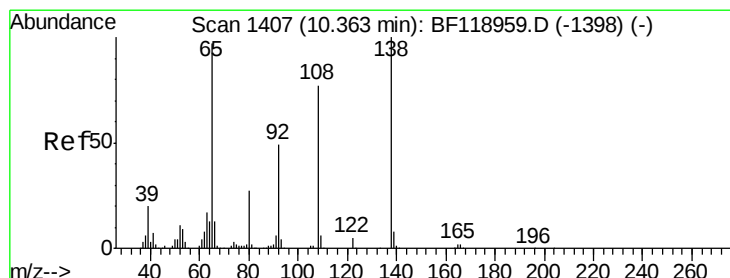
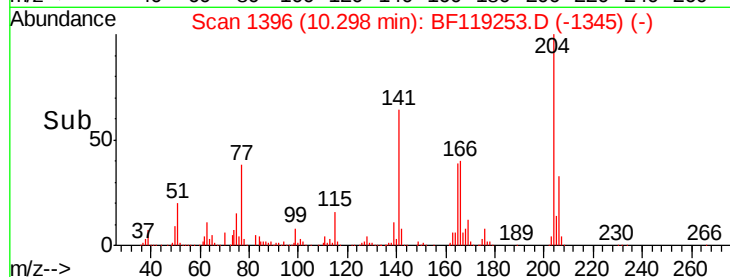
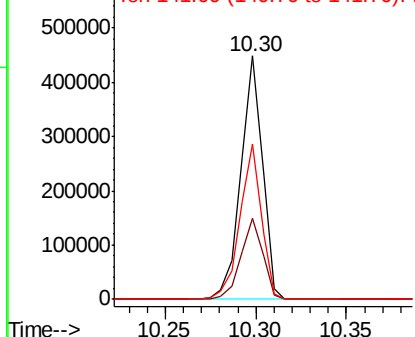
#61
4-Chlorophenyl-phenylether
Concen: 43.305 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 372858
Ion Ratio Lower Upper
204 100
206 33.4 27.1 40.7
141 63.6 52.9 79.3

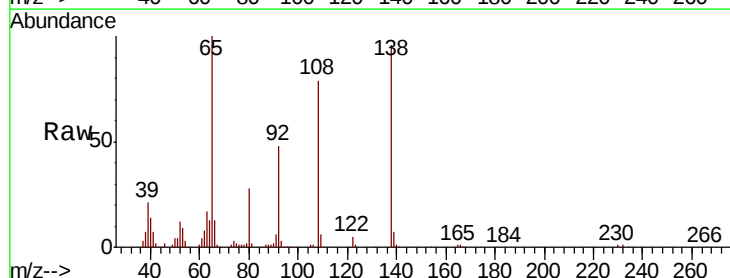


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

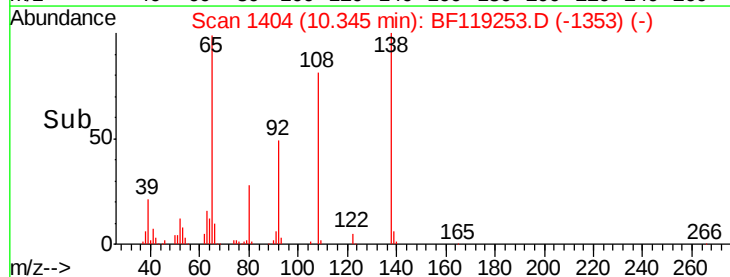
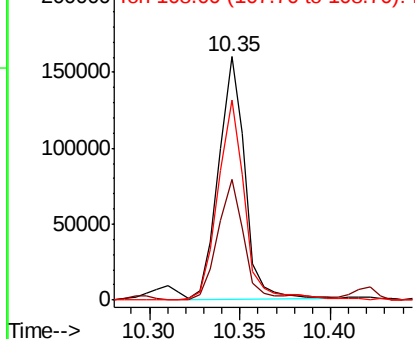


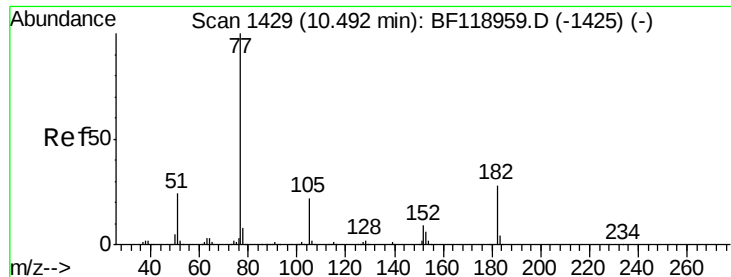
#62
4-Nitroaniline
Concen: 33.794 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:138 Resp: 161013
Ion Ratio Lower Upper
138 100
92 49.5 27.3 67.3
108 82.4 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

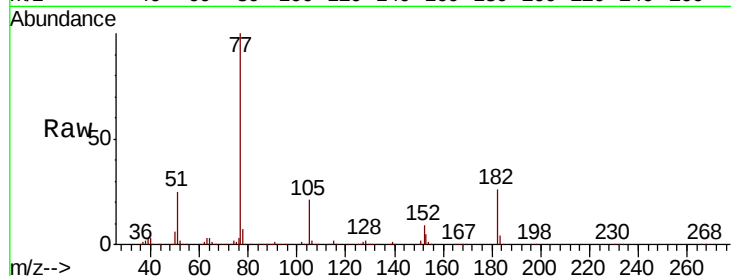




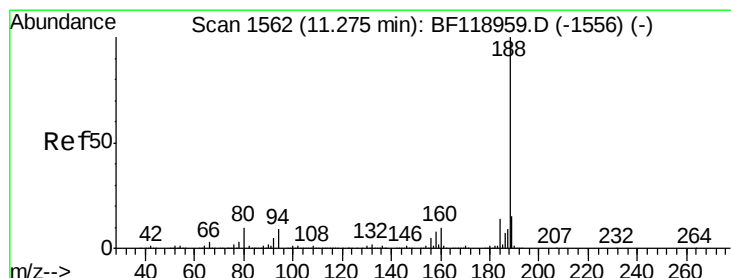
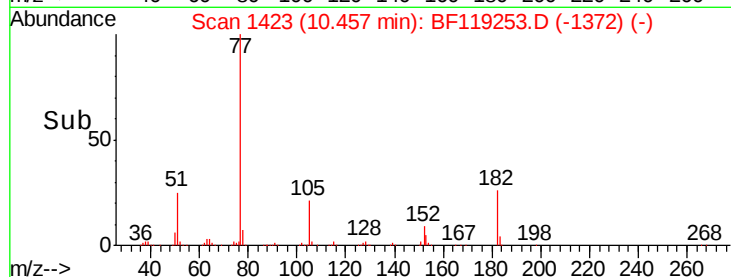
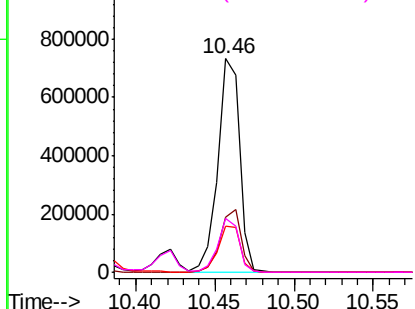
#63
Azobenzene
Concen: 45.006 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 697032
Ion Ratio Lower Upper
77 100
182 26.0 11.4 51.4
105 21.5 3.4 43.4
51 25.0 5.1 45.1

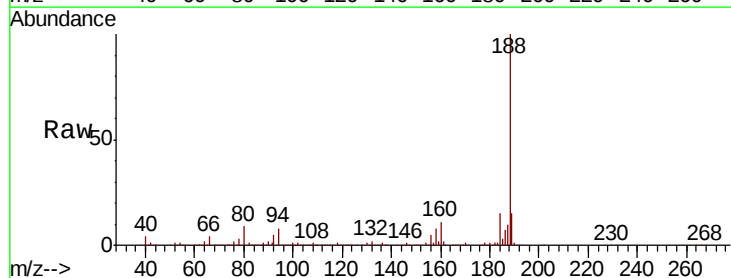


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

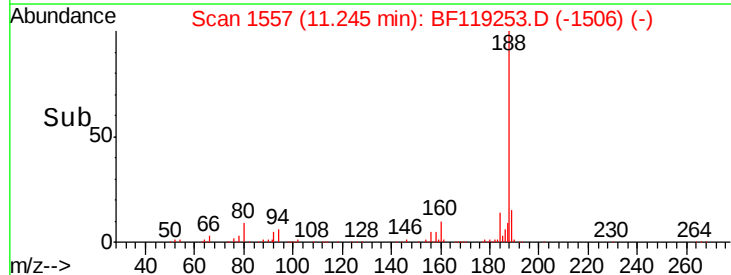
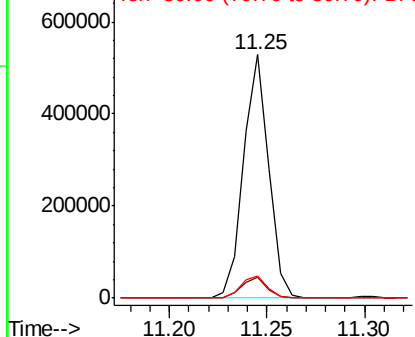


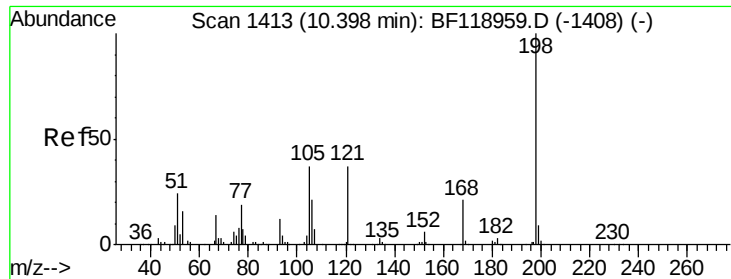
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion: 188 Resp: 472296
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.2 7.8 11.8



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

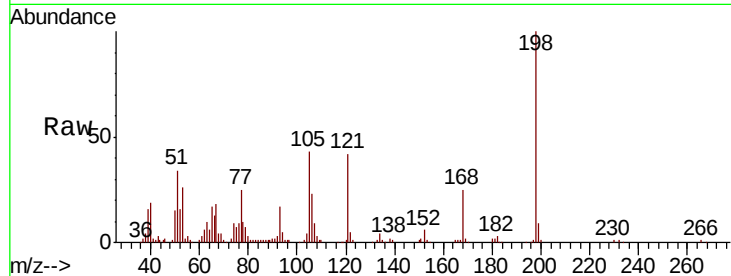




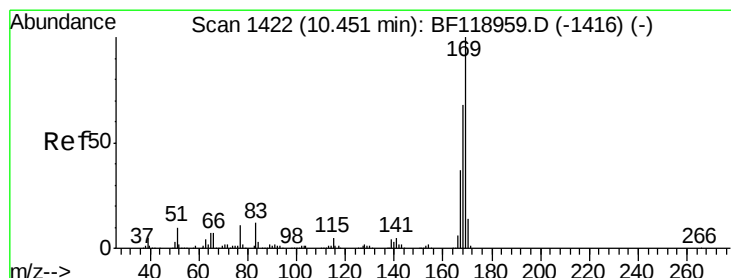
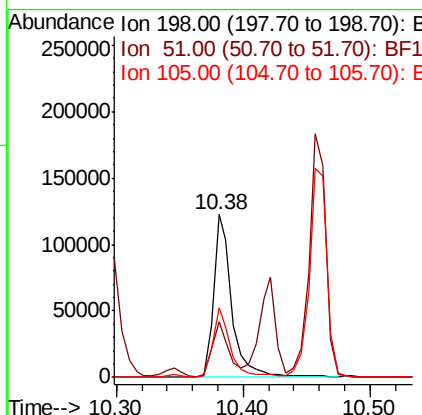
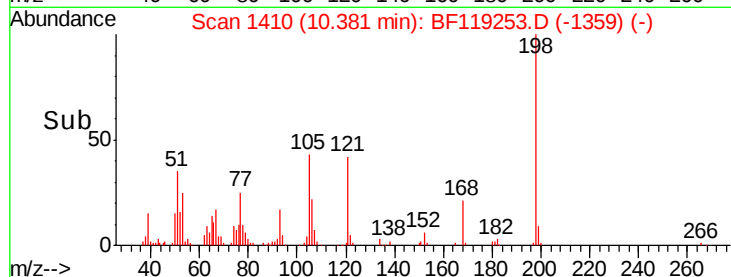
#65
4,6-Dinitro-2-methylphenol
Concen: 43.806 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 125194
Ion Ratio Lower Upper
198 100
51 34.4 14.2 54.2
105 42.9 22.7 62.7

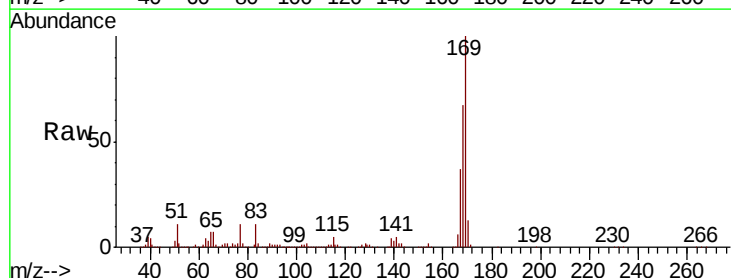


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

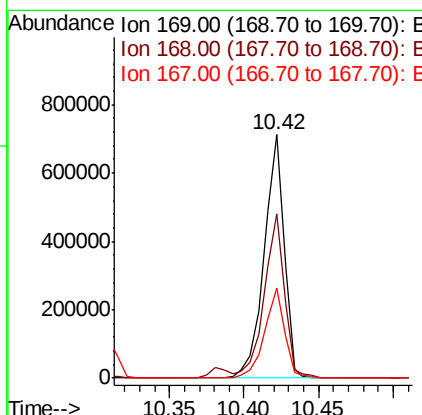
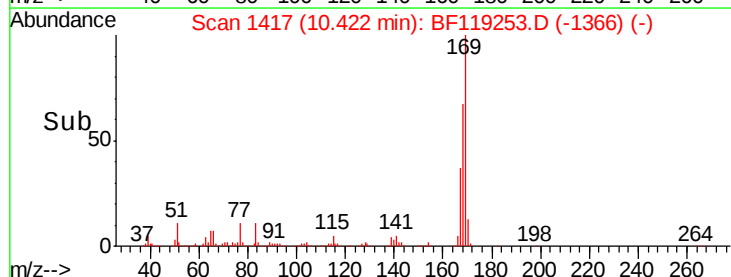


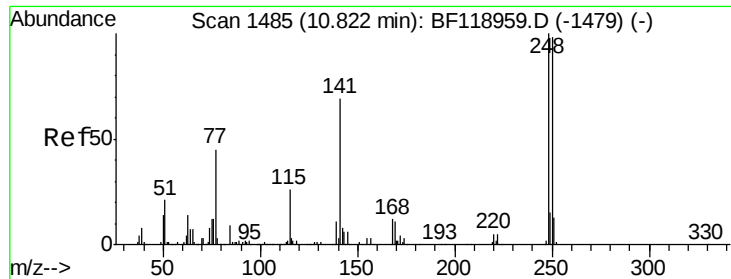
#66
n-Nitrosodiphenylamine
Concen: 42.431 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:169 Resp: 656177
Ion Ratio Lower Upper
169 100
168 67.4 54.1 81.1
167 36.8 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

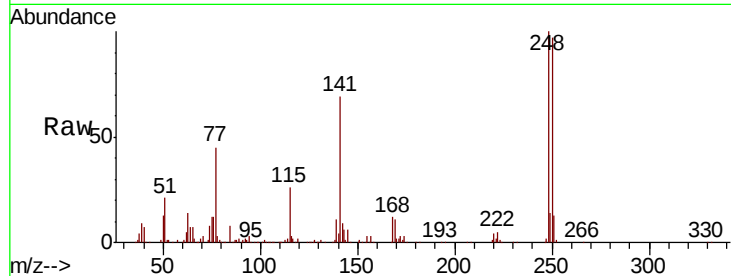




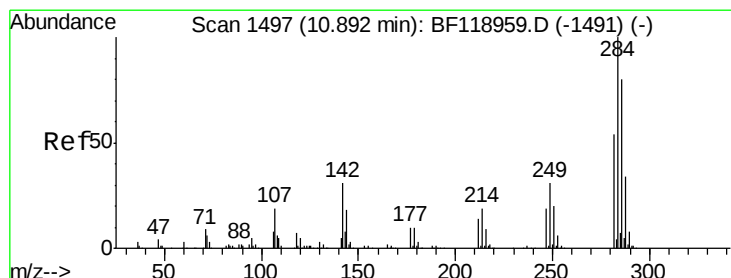
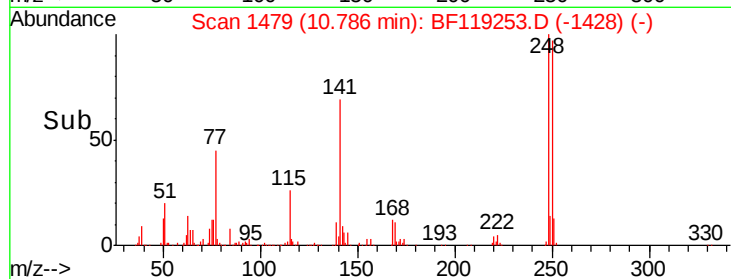
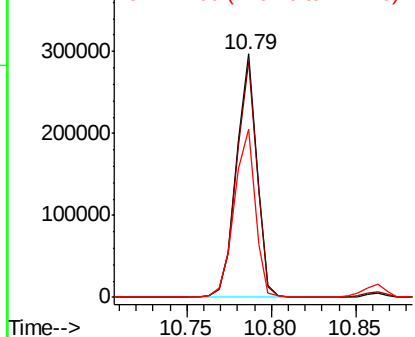
#67
 4-Bromophenyl-phenylether
 Concen: 40.346 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 249077
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.7 115.1
 141 69.2 60.7 91.1

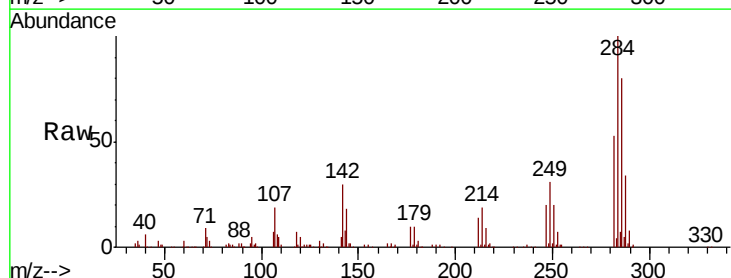


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

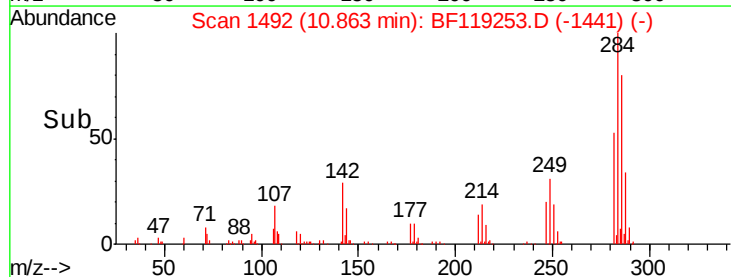
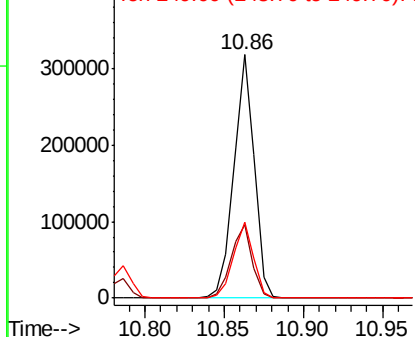


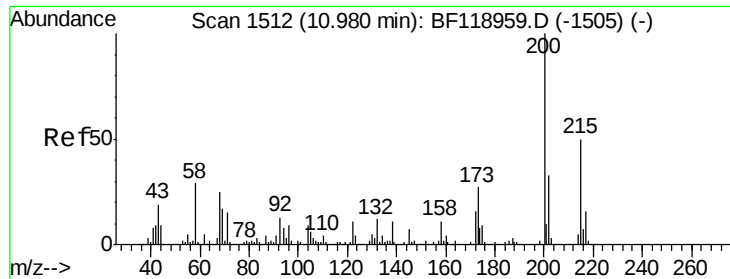
#68
 Hexachlorobenzene
 Concen: 39.857 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion:284 Resp: 283695
 Ion Ratio Lower Upper
 284 100
 142 30.1 23.7 35.5
 249 31.3 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: 39.752 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

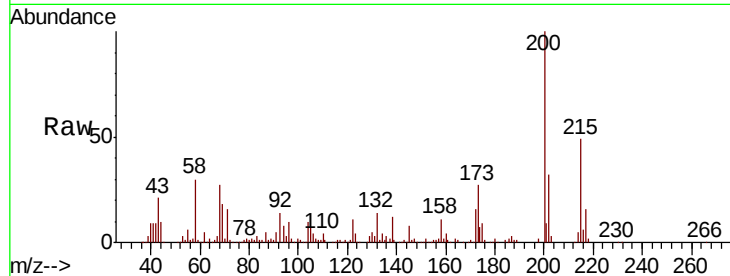
Tot Ion:200 Resp: 214790

Ion Ratio Lower Upper

200 100

173 27.1 6.4 46.4

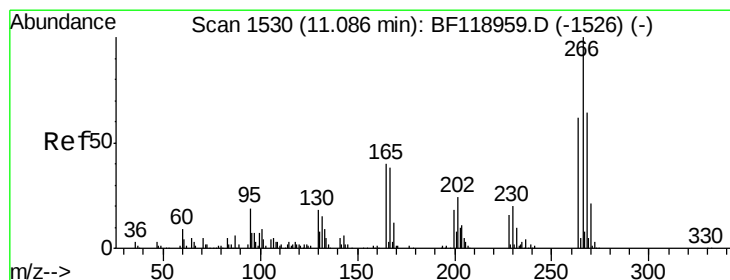
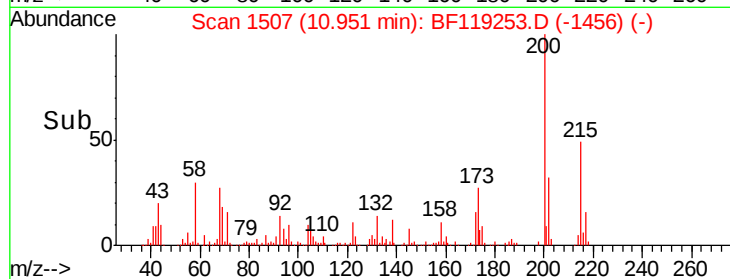
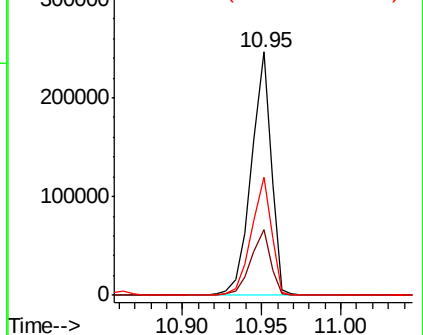
215 48.6 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.887 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

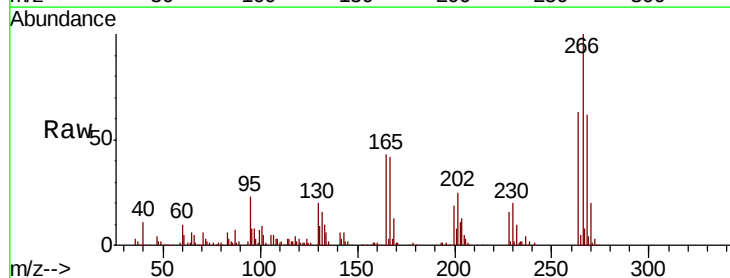
Tgt Ion:266 Resp: 217582

Ion Ratio Lower Upper

266 100

268 62.5 51.9 77.9

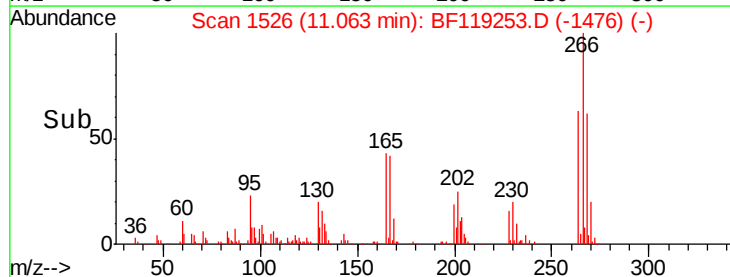
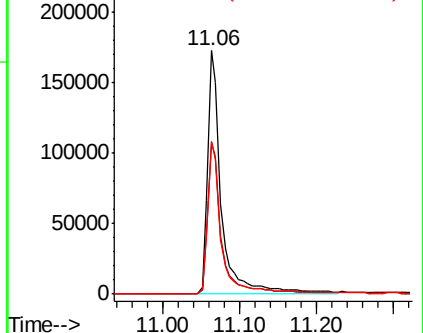
264 62.9 51.0 76.4

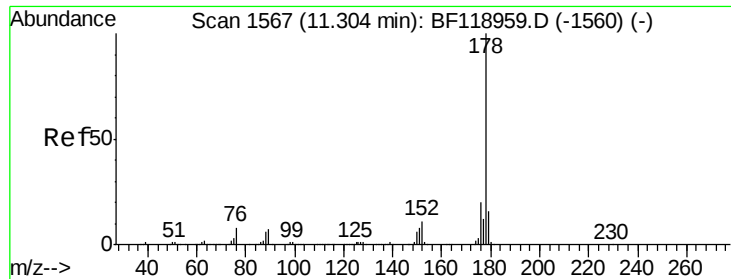


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

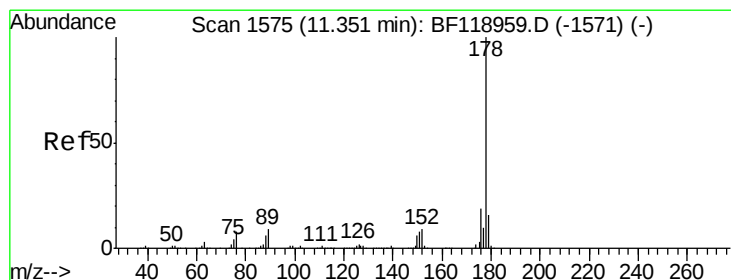
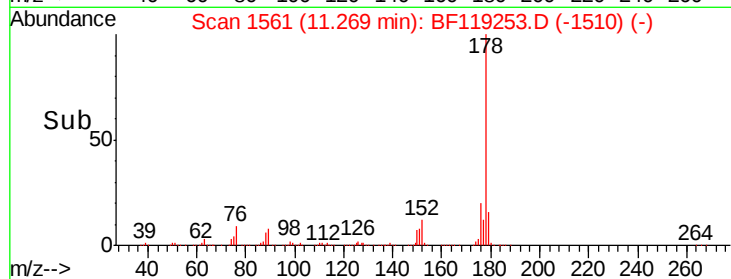
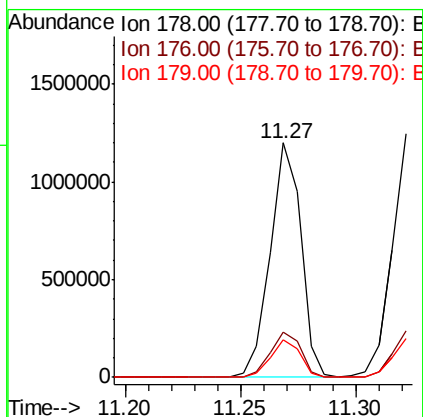
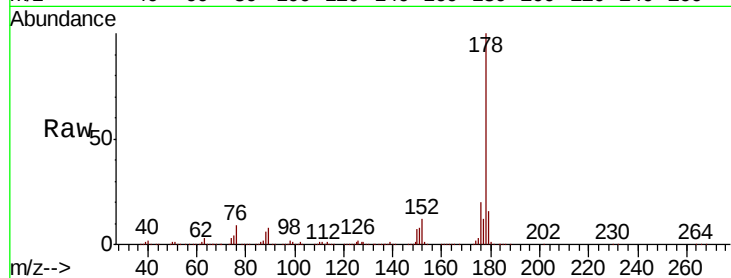




#71
Phenanthrene
Concen: 43.143 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

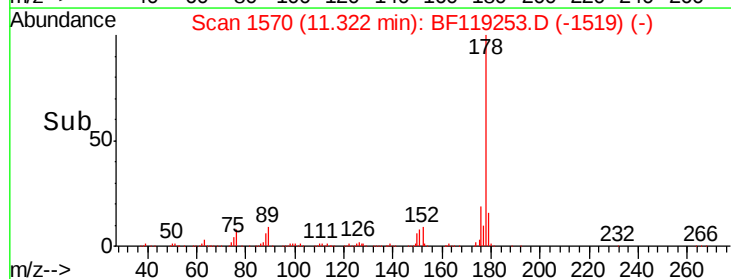
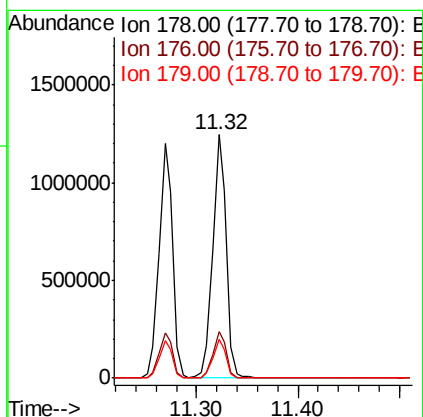
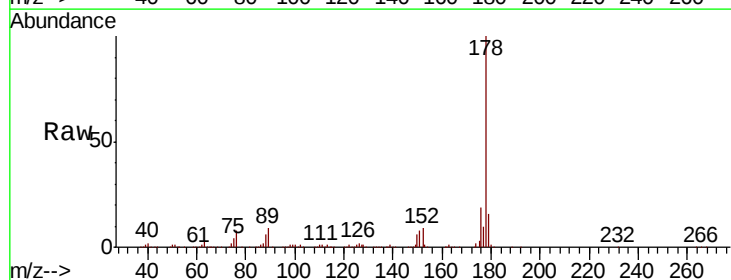
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1111230
Ion Ratio Lower Upper
178 100
176 19.6 16.5 24.7
179 15.9 13.0 19.6



#72
Anthracene
Concen: 44.749 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:178 Resp: 1151622
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.9 13.1 19.7

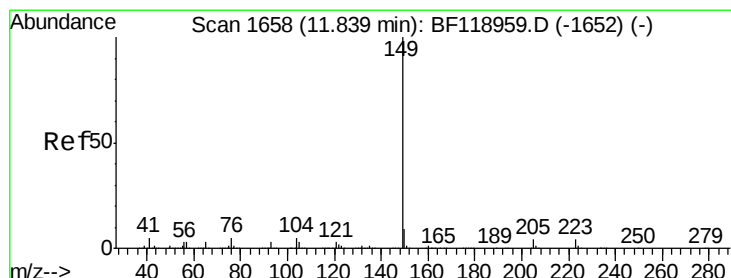
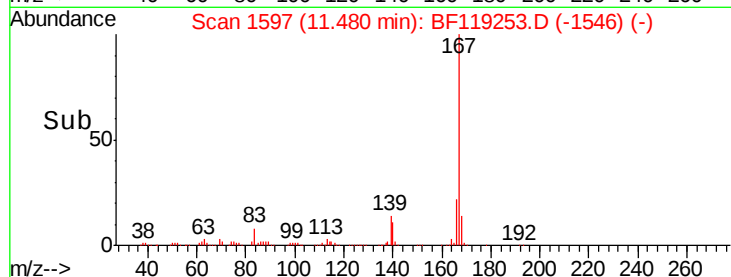
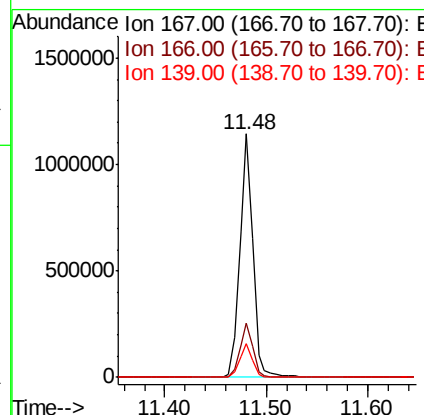
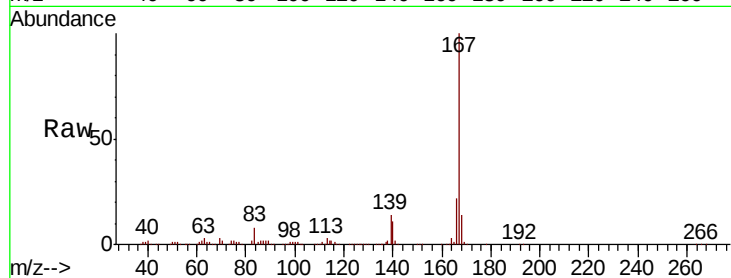




#73
 Carbazole
 Concen: 44.335 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

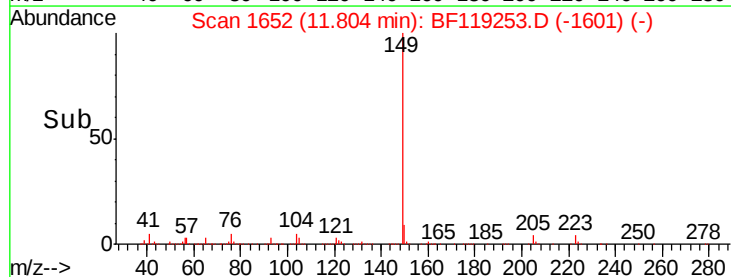
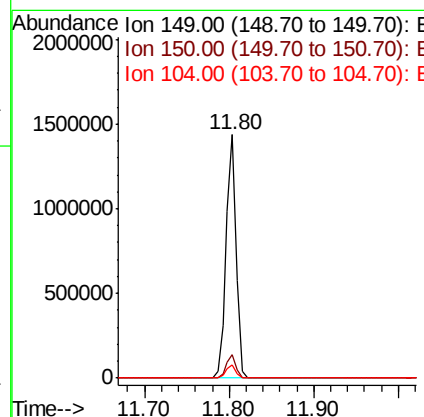
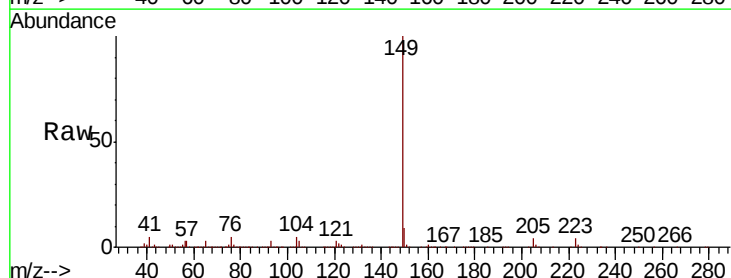
Instrument :
 BNA_F
 ClientSampleId :

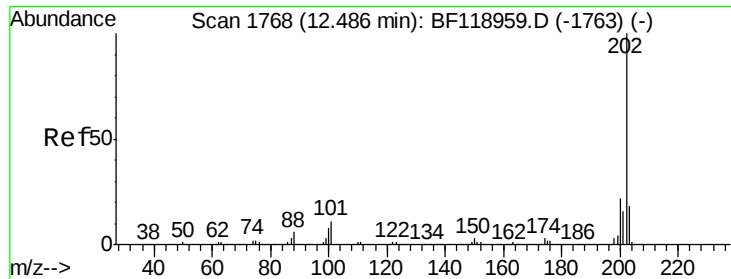
Tot Ion:167 Resp: 1016471
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.4
 139 13.9 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 43.508 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion:149 Resp: 1207998
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.9 11.9
 104 5.3 4.6 6.8





#75

Fluoranthene

Concen: 44.883 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

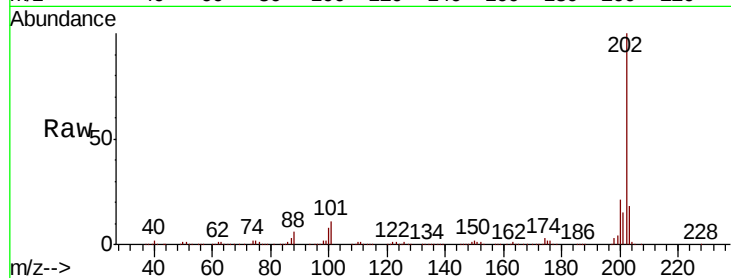
Tot Ion:202 Resp: 1227110

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.3

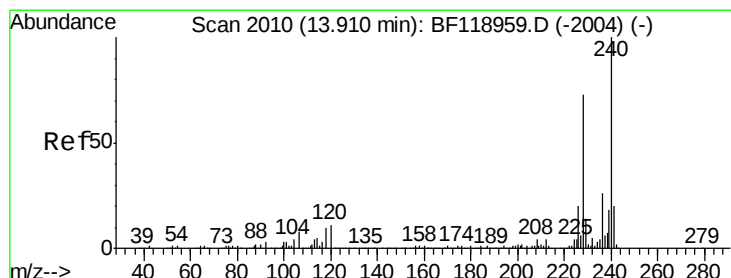
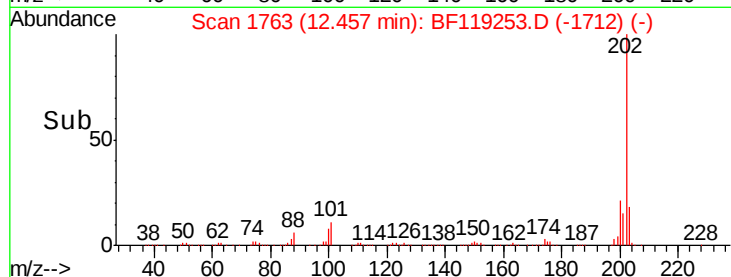
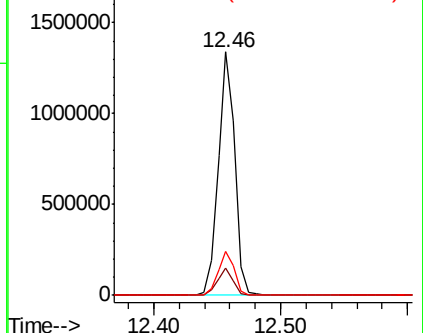
203 18.2 0.0 38.4



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: BF119253.D

Acq: 6 Mar 2020 16:45

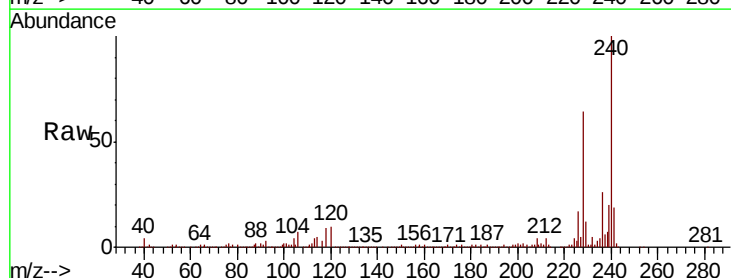
Tgt Ion:240 Resp: 373708

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

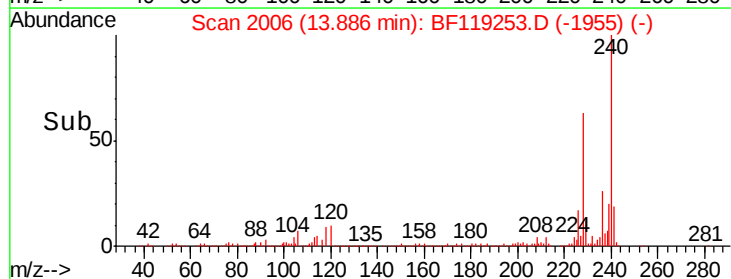
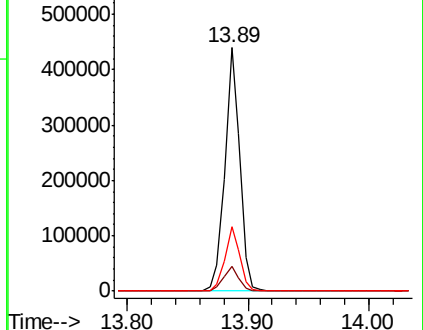
236 26.4 21.0 31.4

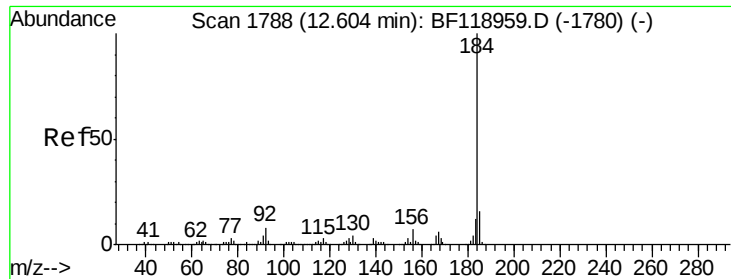


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.296 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

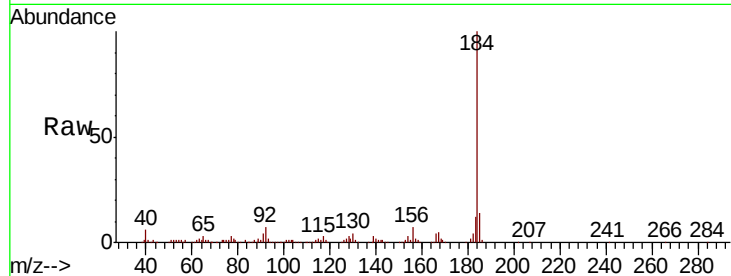
Tot Ion:184 Resp: 354059

Ion Ratio Lower Upper

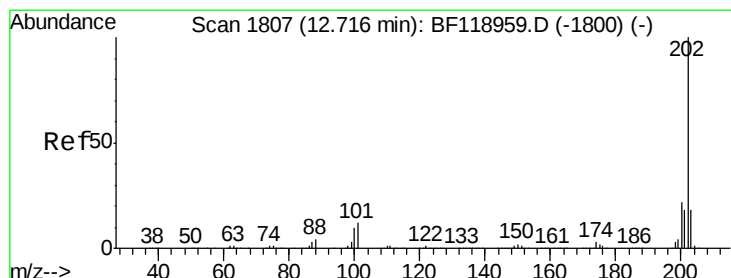
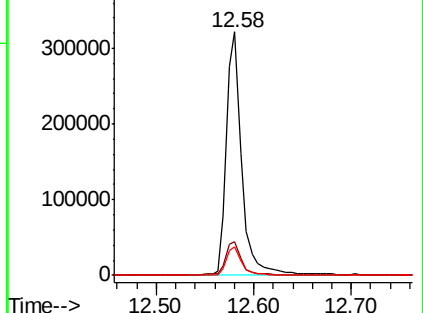
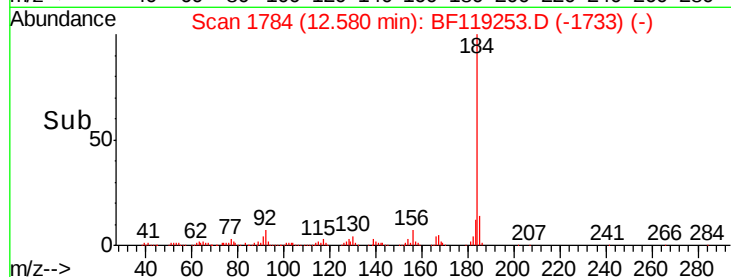
184 100

185 13.8 12.2 18.4

183 11.5 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: 41.285 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

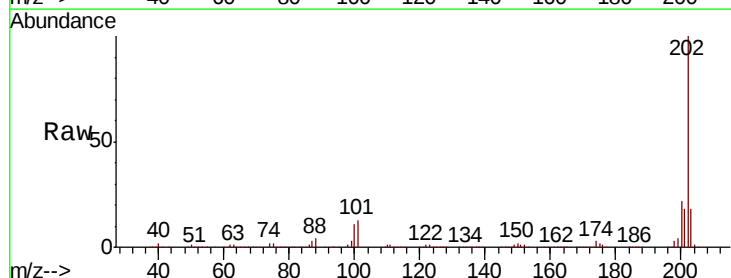
Tgt Ion:202 Resp: 1238885

Ion Ratio Lower Upper

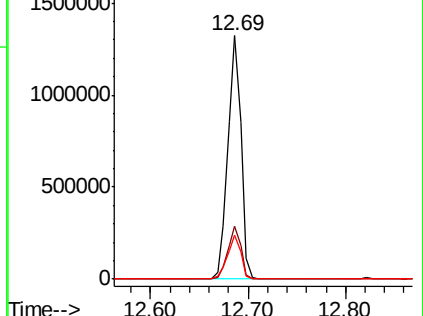
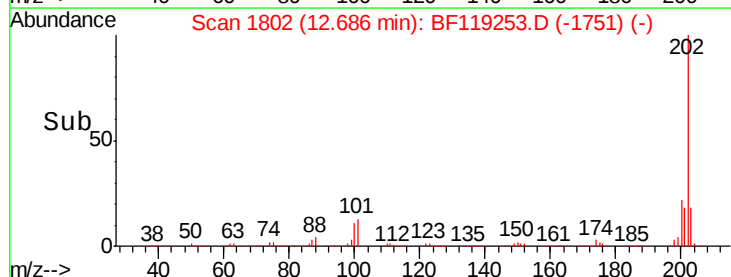
202 100

200 21.9 18.0 27.0

203 17.9 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: 66.583 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

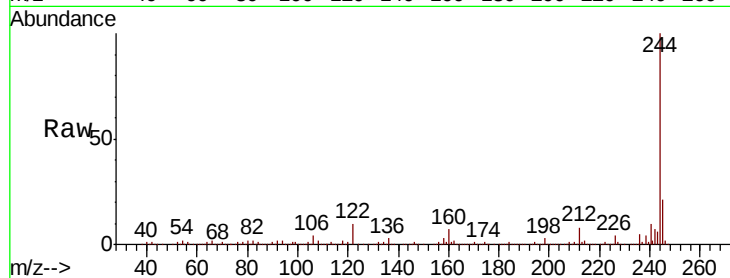
Tot Ion:244 Resp: 1445263

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	10.4	8.2	12.2

244 100

212 7.6 6.6 10.0

122 10.4 8.2 12.2

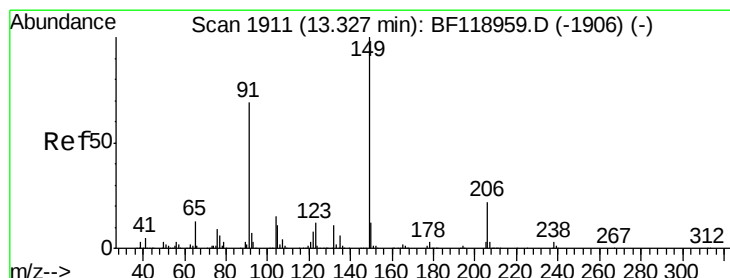
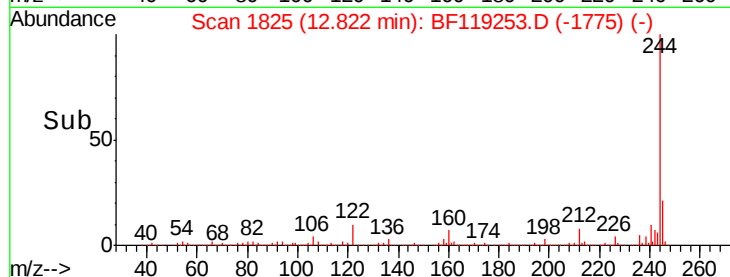
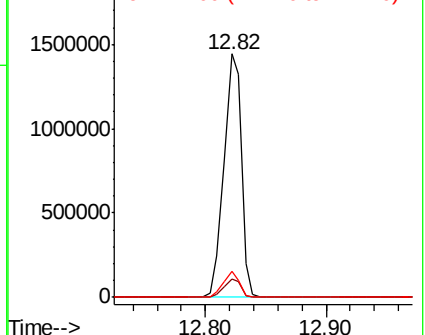


Abundance

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: 42.490 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

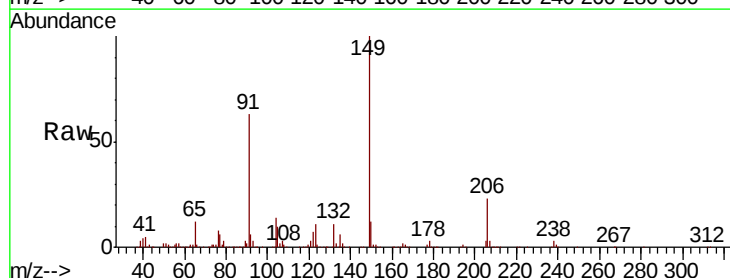
Tgt Ion:149 Resp: 536629

Ion	Ratio	Lower	Upper
149	100		
91	62.6	52.3	78.5
206	23.5	18.5	27.7

149 100

91 62.6 52.3 78.5

206 23.5 18.5 27.7

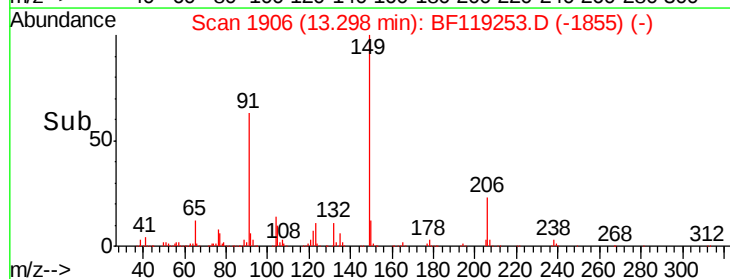
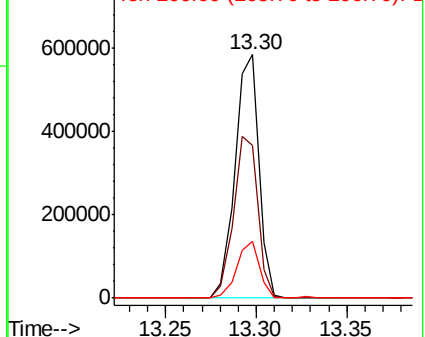


Abundance

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: 44.235 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

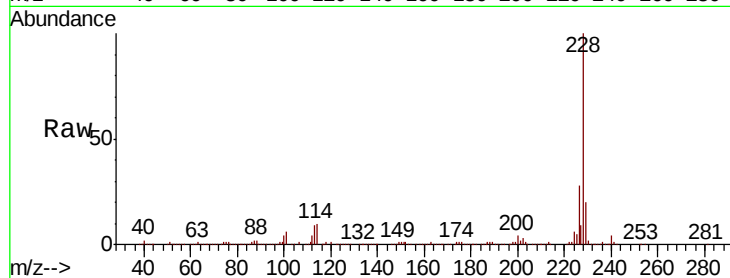
Tot Ion:228 Resp: 1126364

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

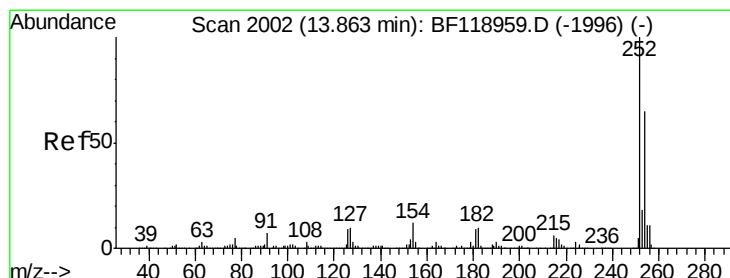
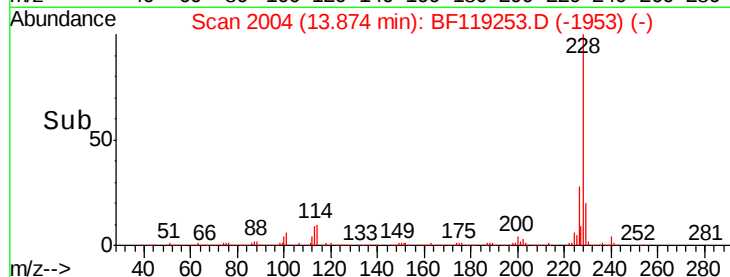
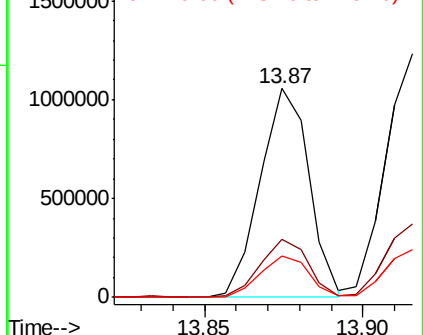
229 20.1 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.463 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

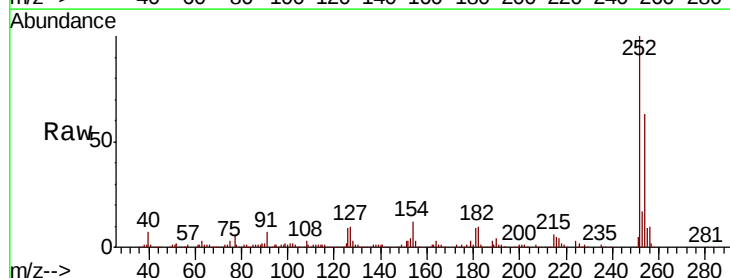
Tgt Ion:252 Resp: 271542

Ion Ratio Lower Upper

252 100

254 63.3 51.6 77.4

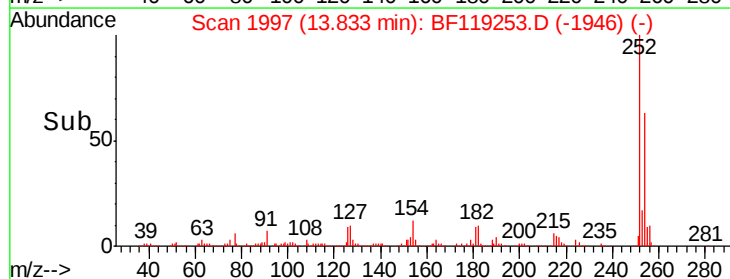
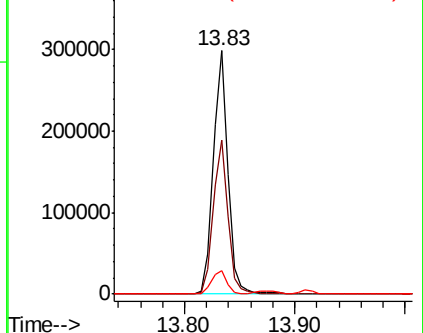
126 9.5 7.4 11.0

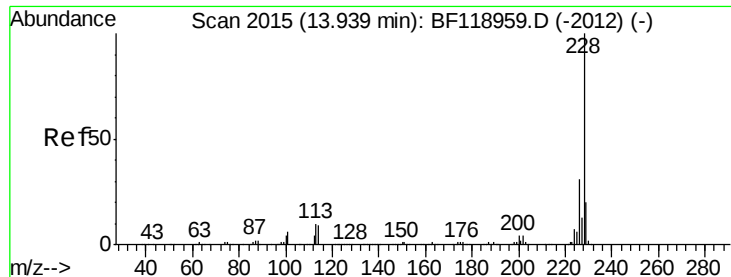


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

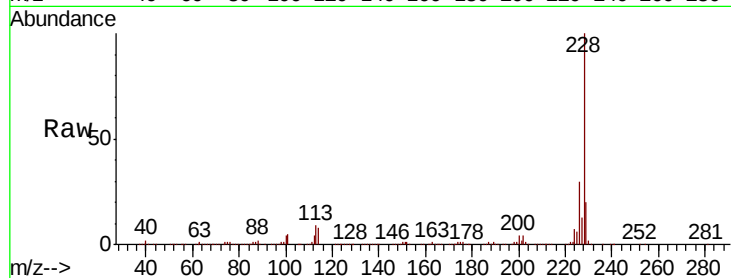




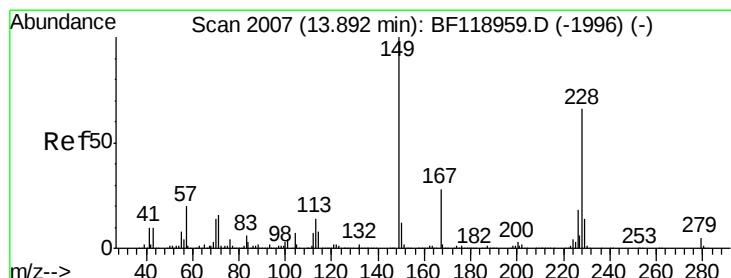
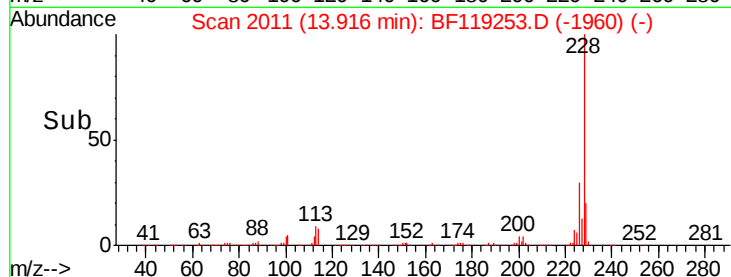
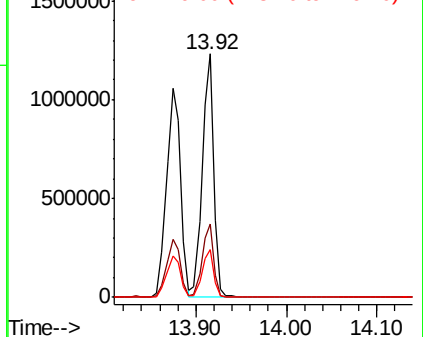
#83
 Chrvsene
 Concen: 43.320 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1099102
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.1 37.7
 229 19.6 16.3 24.5

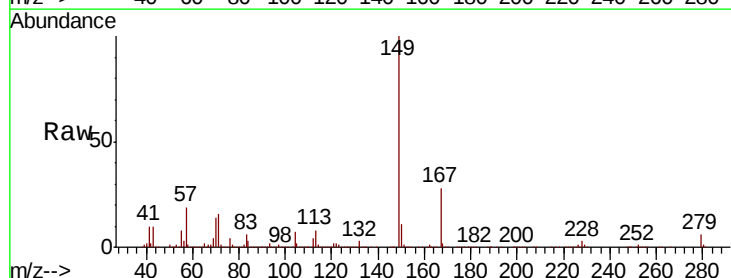


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

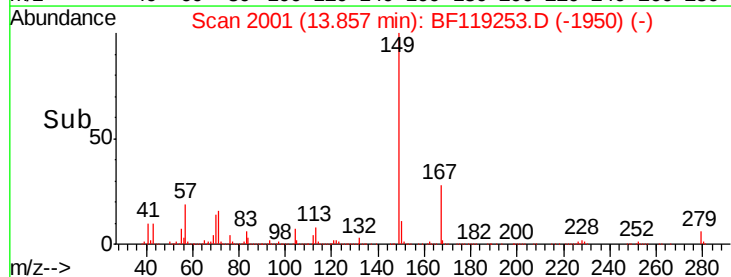
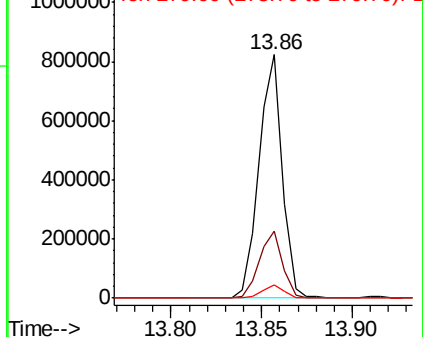


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.011 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119253.D
 Acq: 6 Mar 2020 16:45

Tgt Ion:149 Resp: 734142
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.8 34.2
 279 5.5 4.6 6.8



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





#85

Di-n-octyl phthalate

Concen: 47.731 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

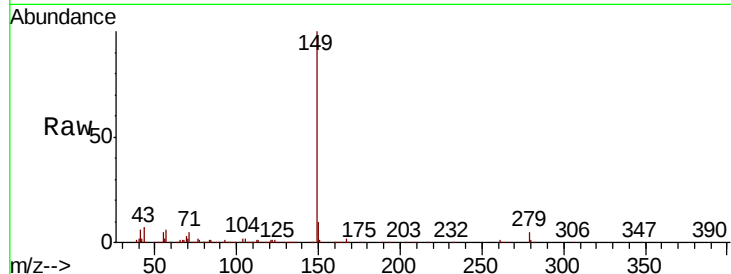
Tot Ion:149 Resp: 1213423

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

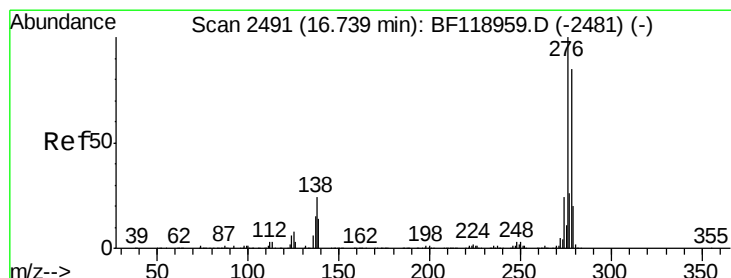
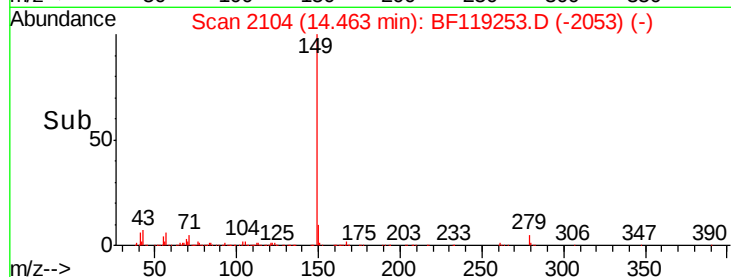
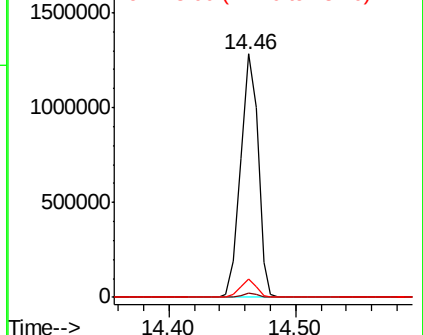
43 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.575 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

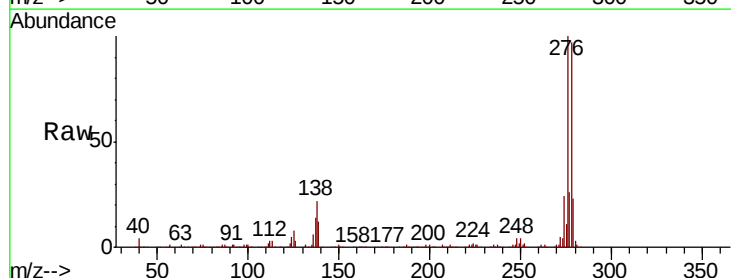
Tgt Ion:276 Resp: 1144211

Ion Ratio Lower Upper

276 100

138 21.3 17.4 26.0

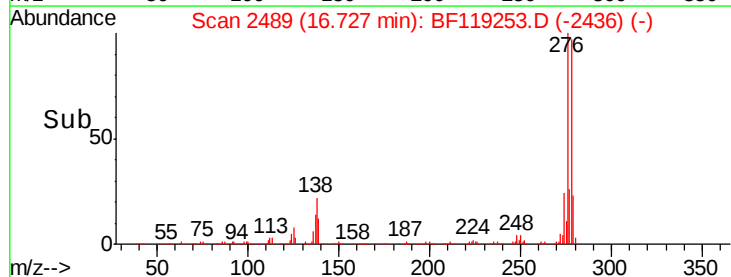
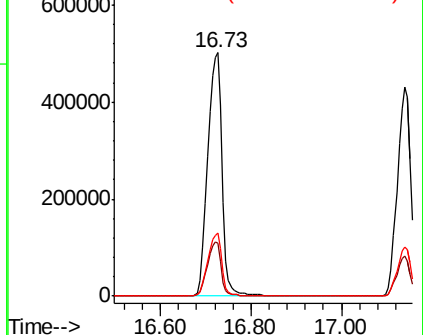
277 25.4 20.3 30.5

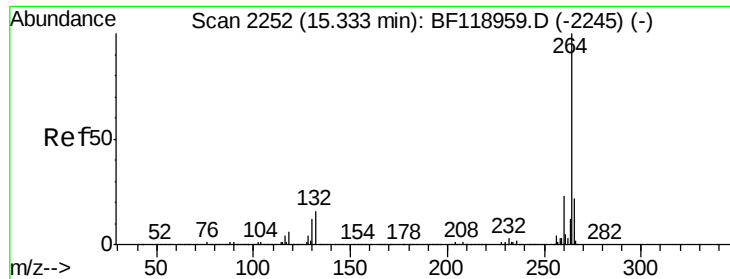


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

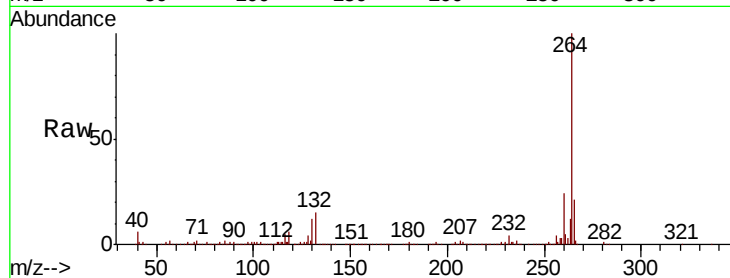




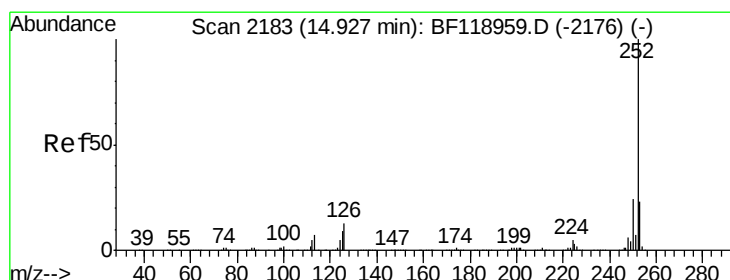
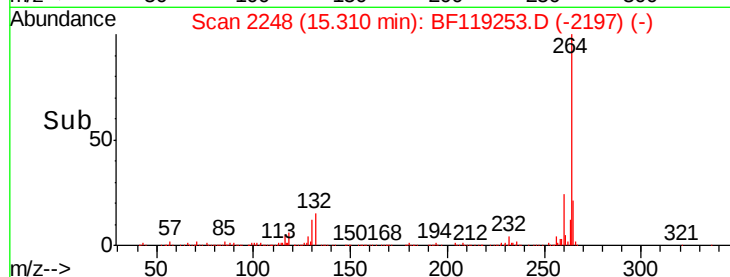
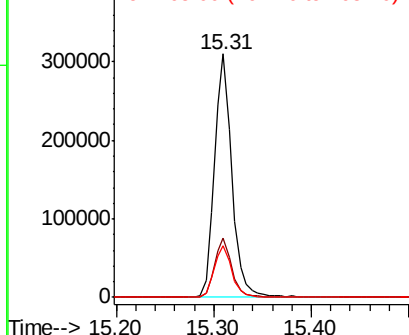
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 382757
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.4 17.7 26.5

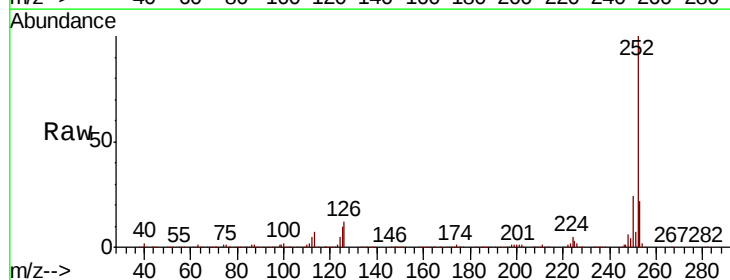


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

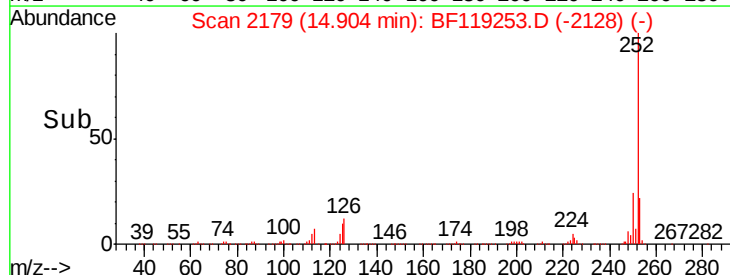
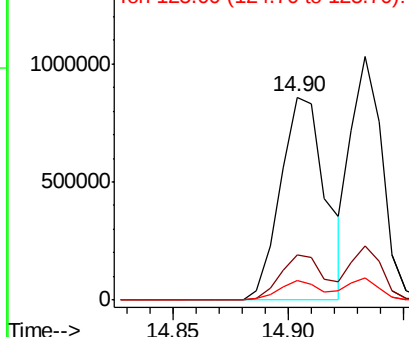


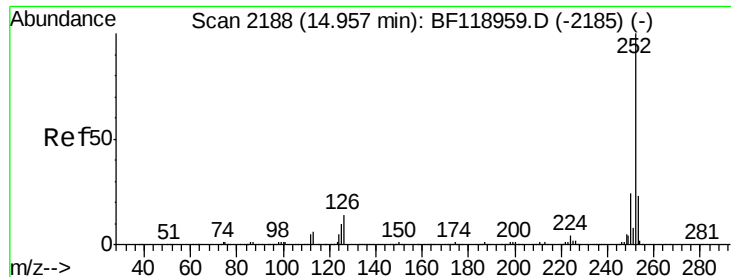
#88
Benzo(b)fluoranthene
Concen: 46.160 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:252 Resp: 1164578
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.7 7.4 11.0



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

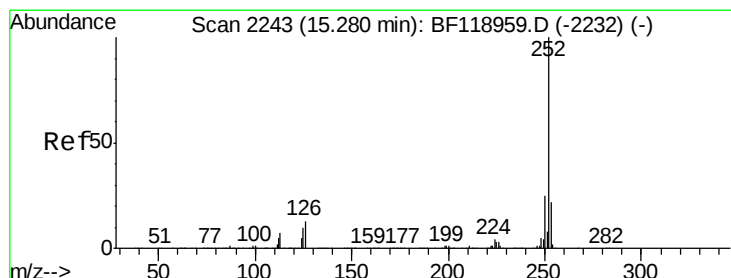
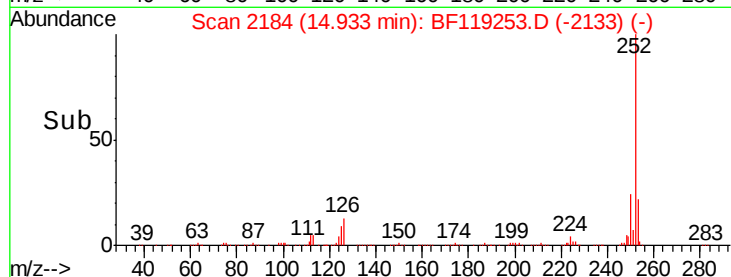
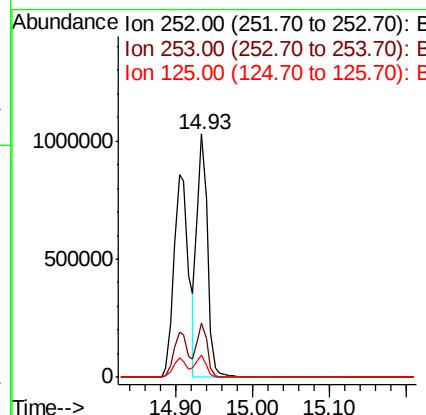
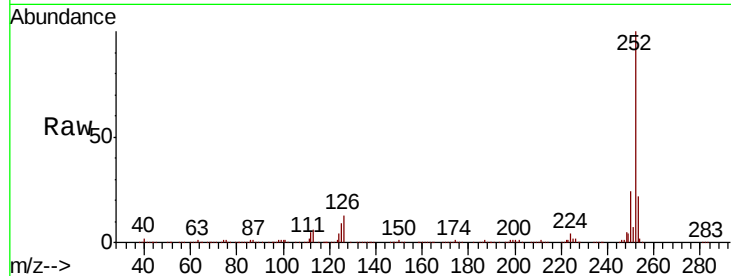




#89
Benzo(k)fluoranthene
Concen: 42.353 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

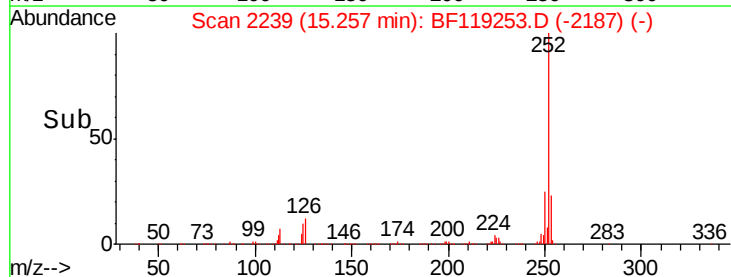
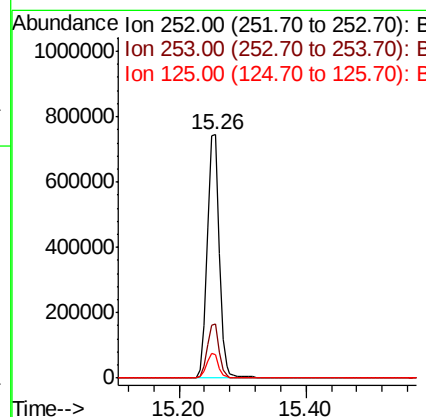
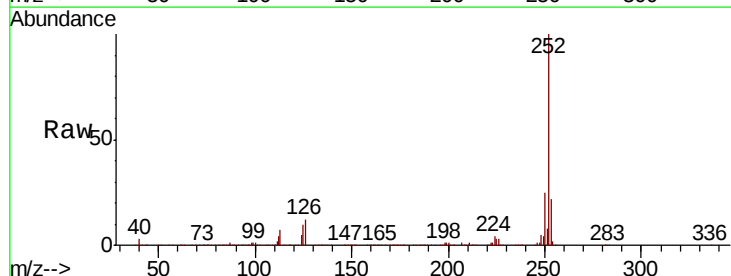
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 990238
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.2 7.5 11.3



#90
Benzo(a)pyrene
Concen: 42.300 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119253.D
Acq: 6 Mar 2020 16:45

Tgt Ion:252 Resp: 963183
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.6 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 47.669 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

Instrument :

BNA_F

ClientSampleId :

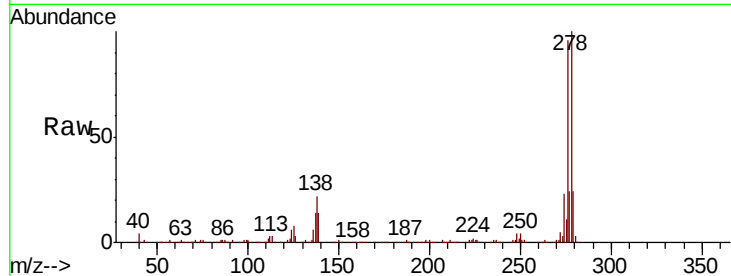
Tot Ion:278 Resp: 955048

Ion Ratio Lower Upper

278 100

139 13.8 11.0 16.4

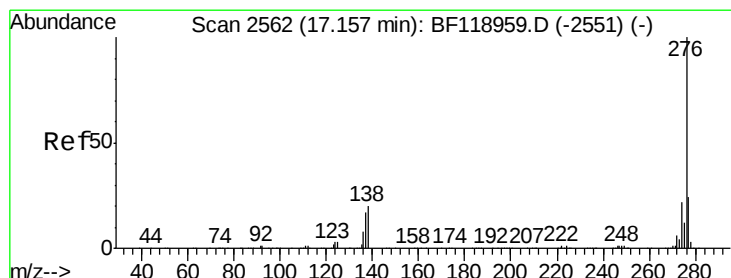
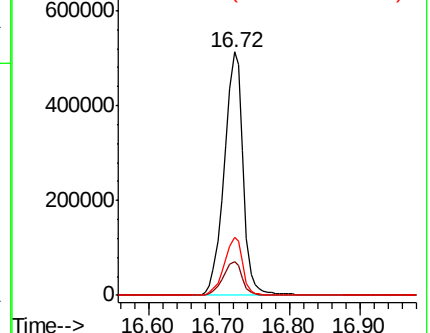
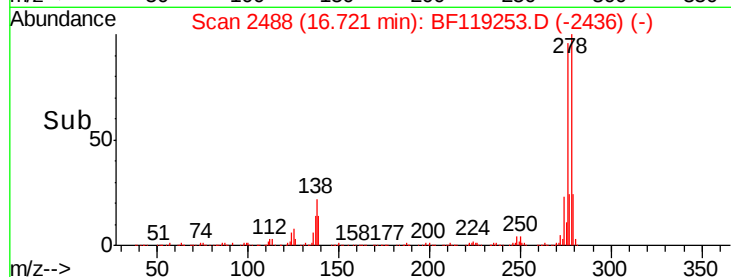
279 24.0 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.742 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BF119253.D

Acq: 6 Mar 2020 16:45

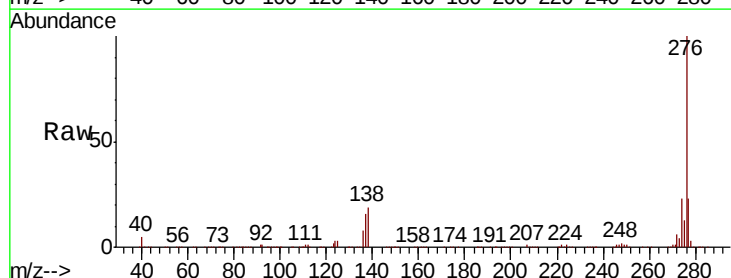
Tgt Ion:276 Resp: 964879

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 19.1 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

