

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120337.D
 Acq On : 15 May 2020 22:31
 Operator : MA/SJ
 Sample : L2500-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 00:18:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

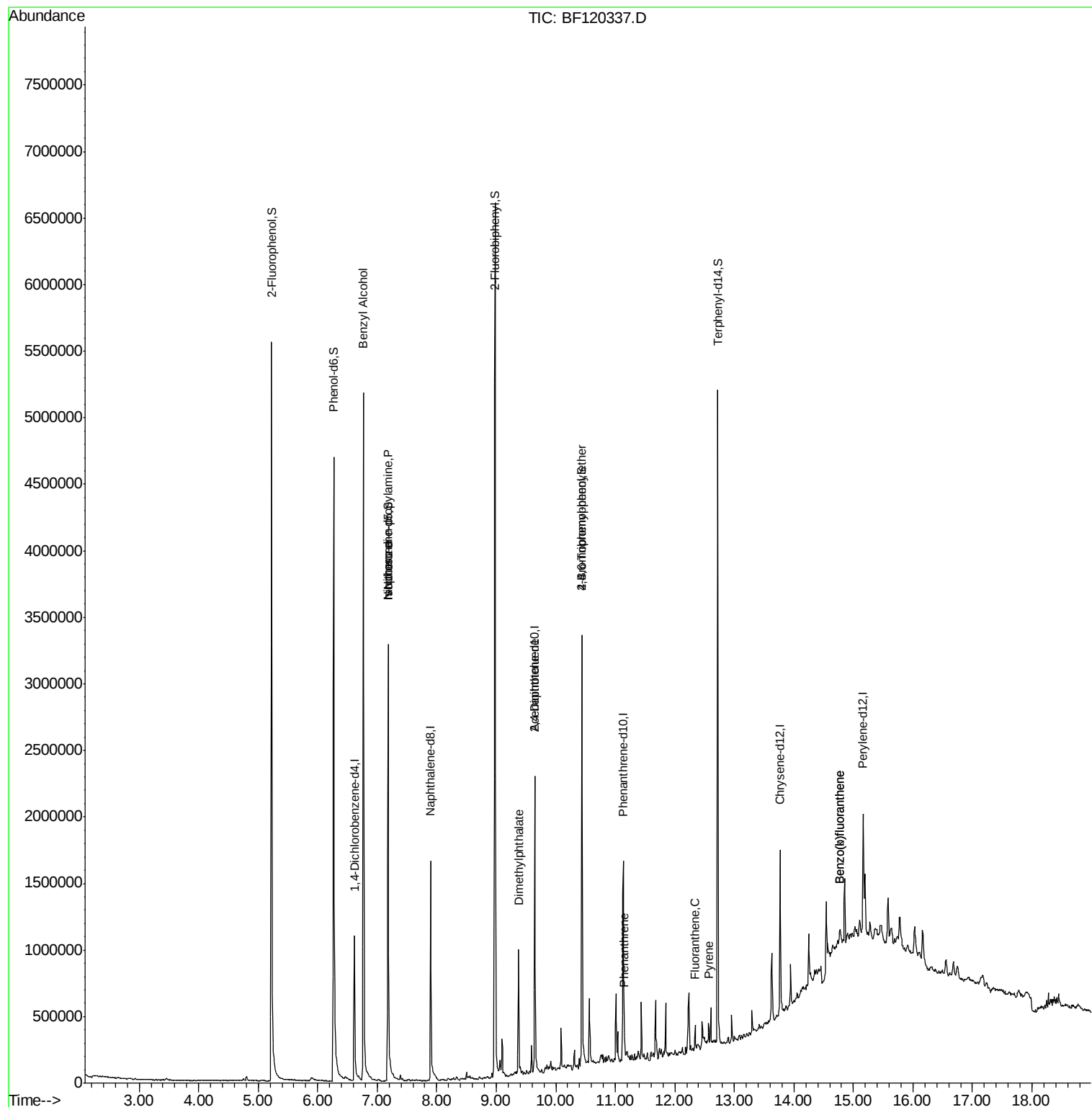
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	232149	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	897077	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	490999	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	646117	20.00	ng	0.00
76) Chrysene-d12	13.77	240	449190	20.00	ng	0.00
87) Perylene-d12	15.16	264	425892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1743964	146.17	ng	0.00
7) Phenol-d6	6.27	99	2242540	148.63	ng	0.00
23) Nitrobenzene-d5	7.19	82	1336126	101.98	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	410027	102.42	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2264927	94.77	ng	0.00
79) Terphenyl-d14	12.72	244	1945677	95.69	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.77	79	24136	2.252	ng	# 46
19) n-Nitroso-di-n-propylamine	7.19	70	170049	17.203	ng	# 79
25) Isophorone	7.19	82	1335871	49.001	ng	# 65
50) Dimethylphthalate	9.37	163	368287	11.866	ng	# 98
57) 2,4-Dinitrotoluene	9.65	165	66012	8.123	ng	# 16
67) 4-Bromophenyl-phenylether	10.44	248	25912	4.133	ng	# 1
71) Phenanthrene	11.16	178	56969	2.098	ng	# 99
75) Fluoranthene	12.34	202	78808	2.708	ng	# 97
78) Pyrene	12.57	202	76673	2.394	ng	# 97
88) Benzo(b)fluoranthene	14.77	252	53014	2.279	ng	# 57
89) Benzo(k)fluoranthene	14.77	252	53014	2.631	ng	# 56

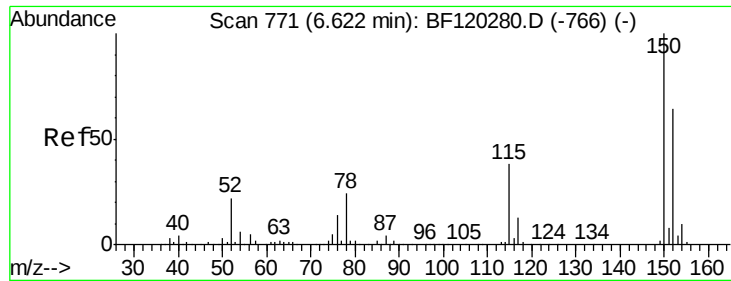
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration



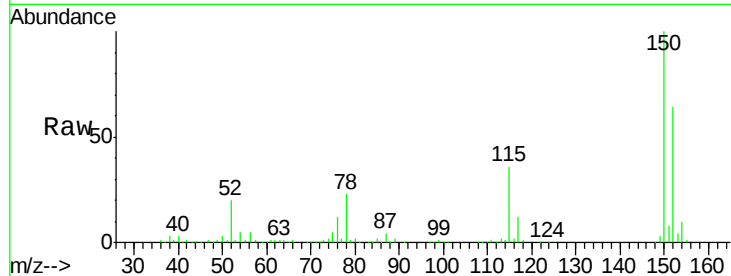


#1

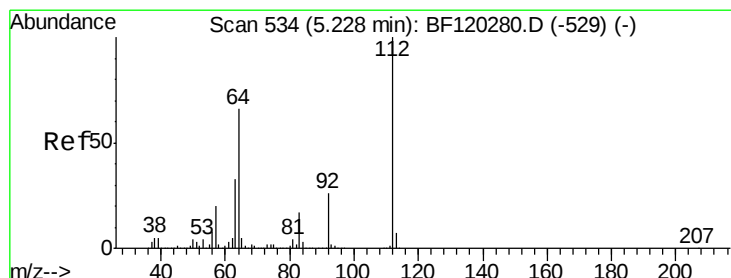
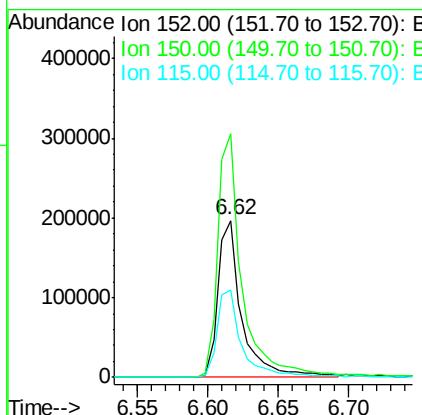
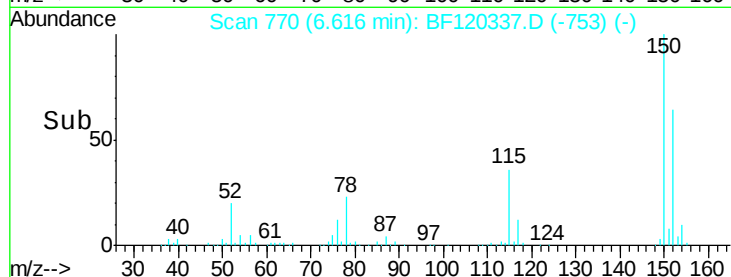
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 232149
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 55.8 47.9 71.9



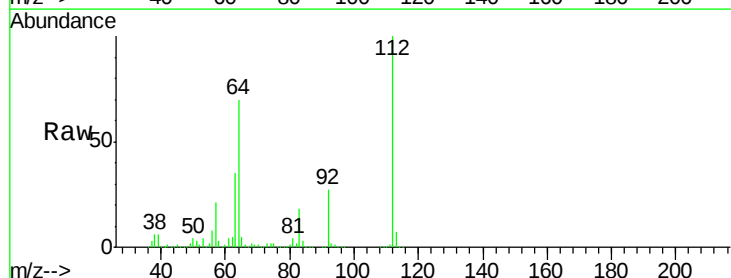
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



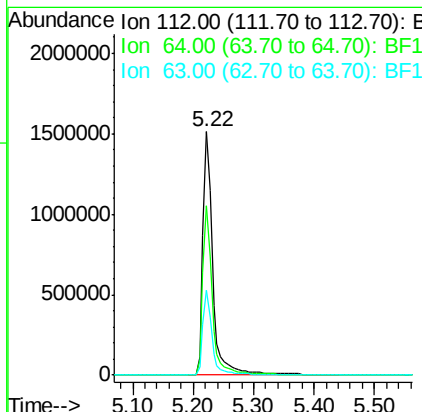
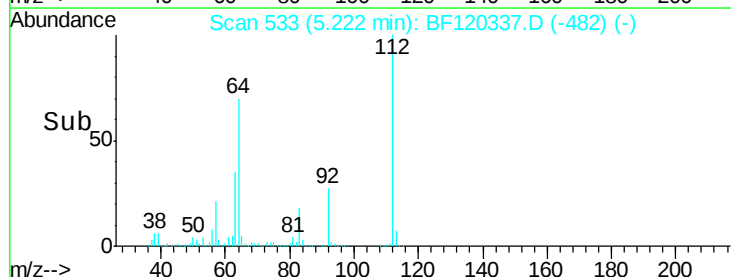
#5

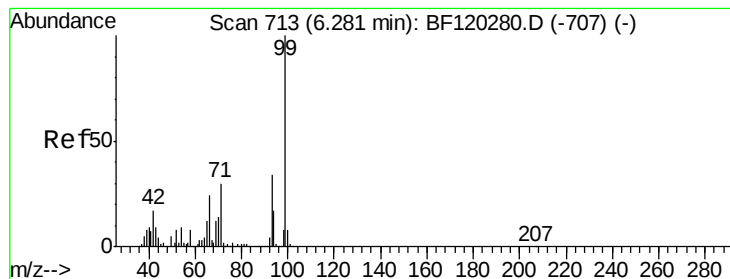
2-Fluorophenol
Concen: 146.166 ng
RT: 5.22 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Tgt Ion:112 Resp: 1743964
Ion Ratio Lower Upper
112 100
64 69.7 52.7 79.1
63 35.0 26.2 39.4



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





#7

Phenol-d6

Concen: 148.628 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

Instrument :

BNA_F

ClientSampled :

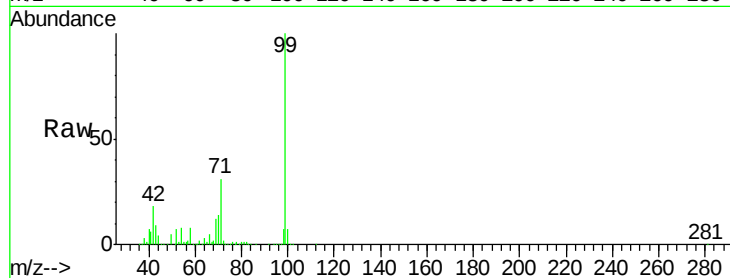
Tot Ion: 99 Resp: 2242540

Ion Ratio Lower Upper

99 100

42 17.9 13.6 20.4

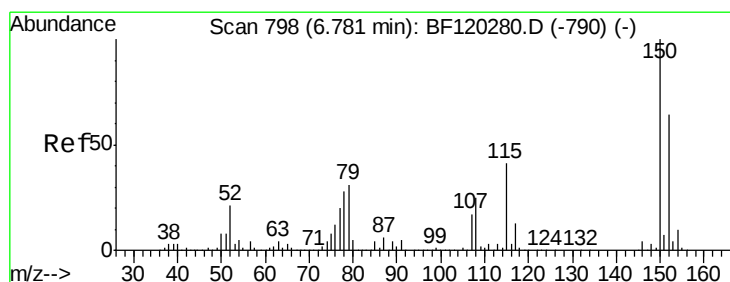
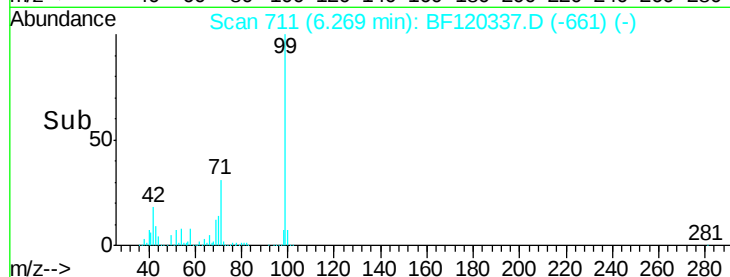
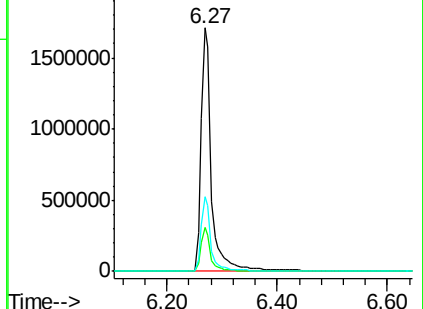
71 30.9 24.2 36.4



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



#15

Benzyl Alcohol

Concen: 2.252 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

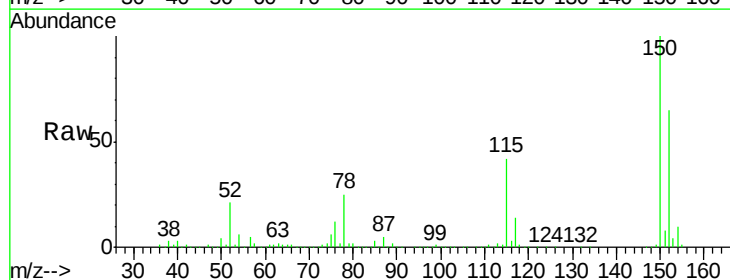
Tgt Ion: 79 Resp: 24136

Ion Ratio Lower Upper

79 100

108 26.5 64.2 96.4#

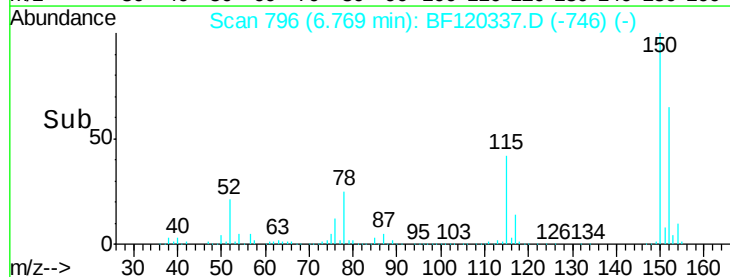
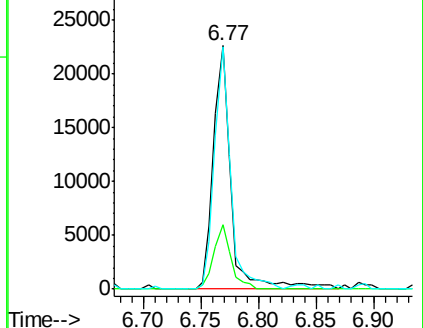
77 99.5 51.6 77.4#

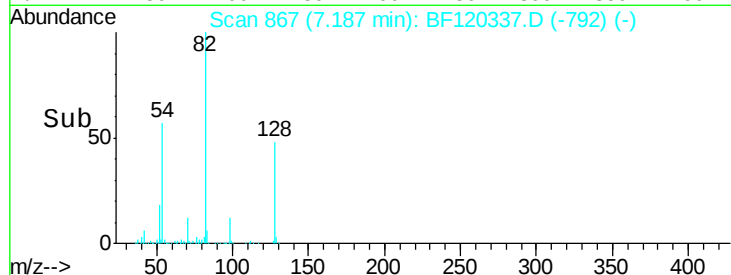
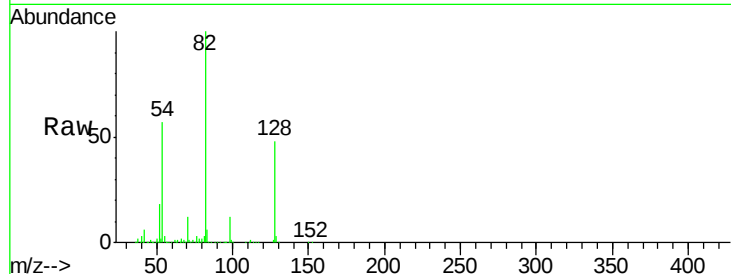
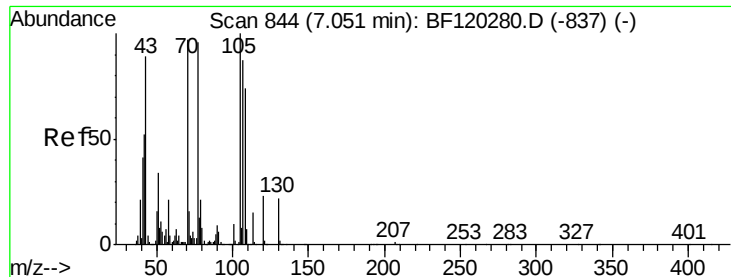


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

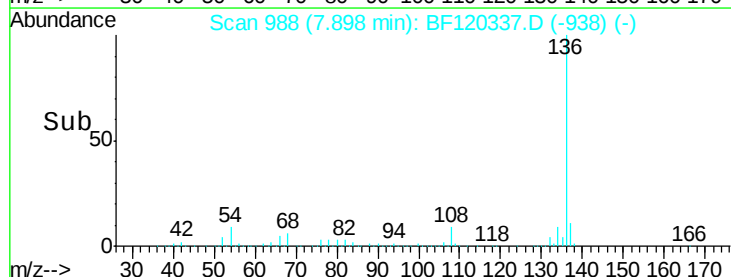
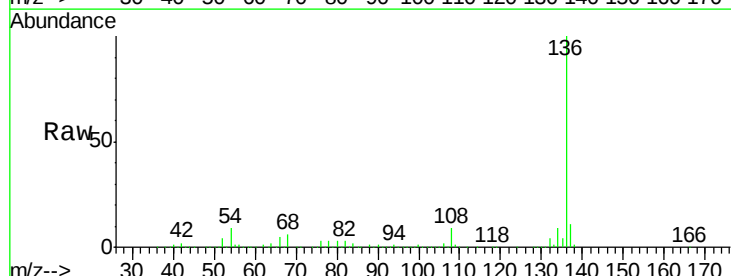
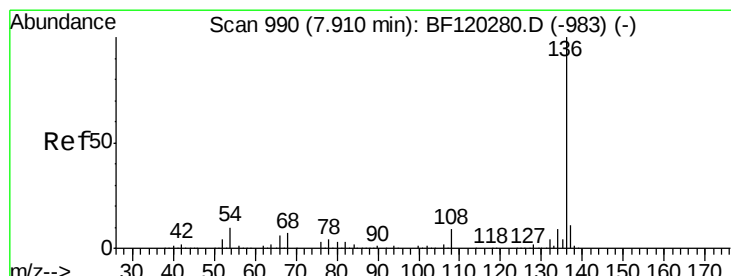
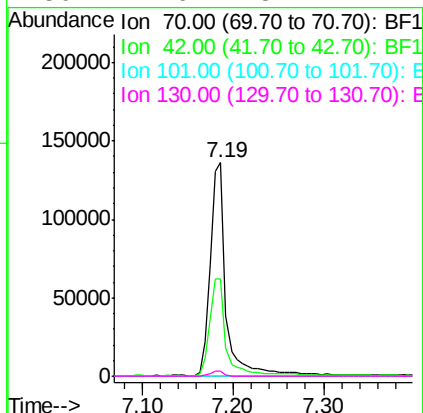




#19
n-Nitroso-di-n-propylamine
Concen: 17.203 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.14 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

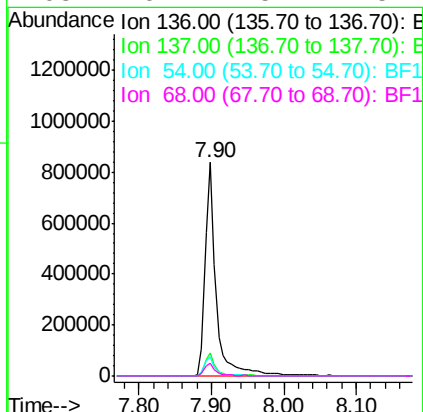
Instrument :
BNA_F
ClientSampleId :

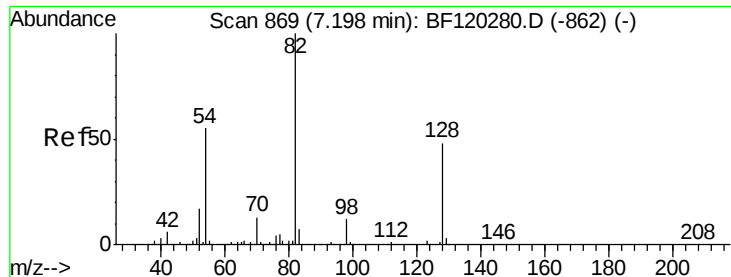
Tot Ion:	70	Resp:	170049
Ion	Ratio	Lower	Upper
70	100		
42	45.7	43.4	65.0
101	0.0	7.8	11.8#
130	2.6	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Tgt Ion:	136	Resp:	897077
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.1	7.9	11.9
68	6.2	5.4	8.2

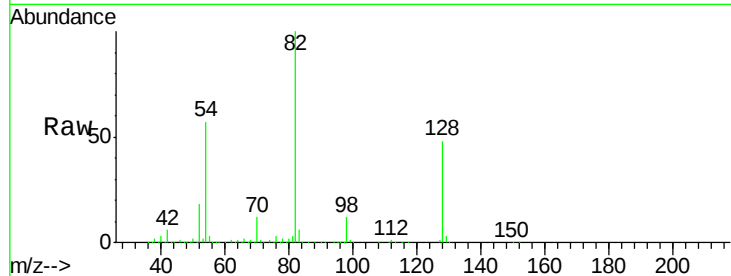




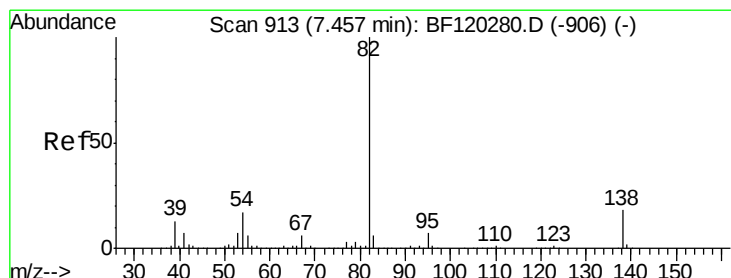
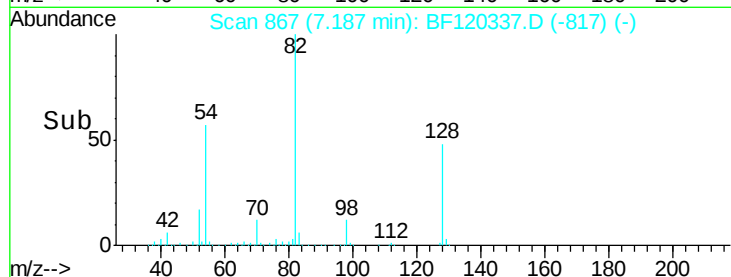
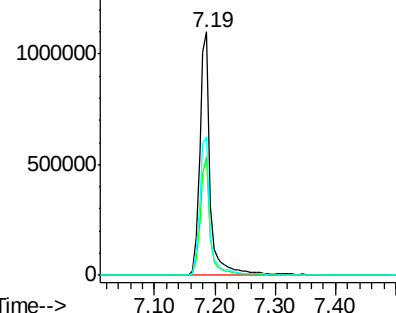
#23
Nitrobenzene-d5
Concen: 101.976 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1336126
Ion Ratio Lower Upper
82 100
128 48.3 38.3 57.5
54 56.7 43.9 65.9

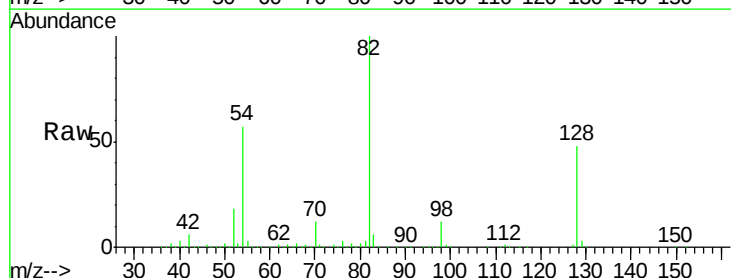


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

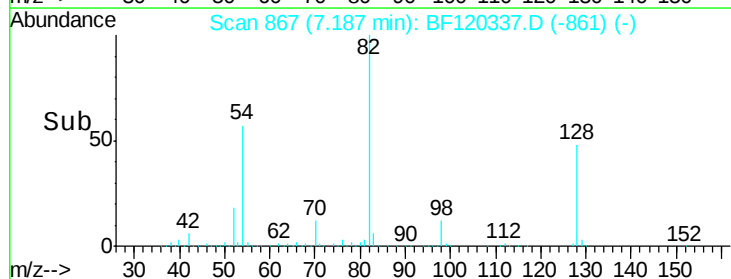
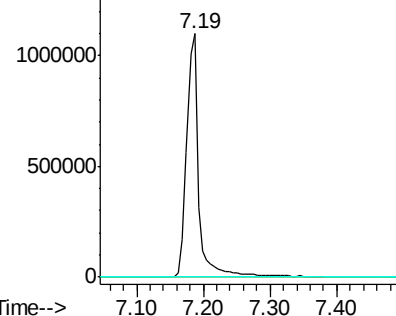


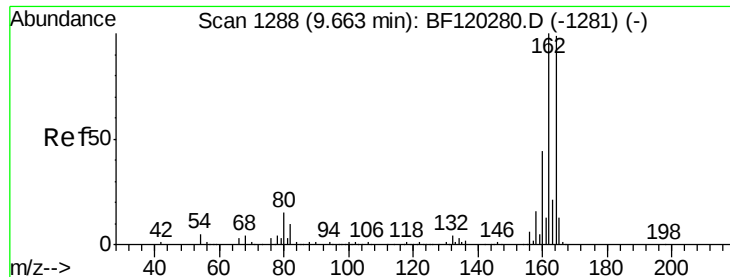
#25
Isophorone
Concen: 49.001 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.26 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Tgt Ion: 82 Resp: 1335871
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

Instrument :

BNA_F

ClientSampleId :

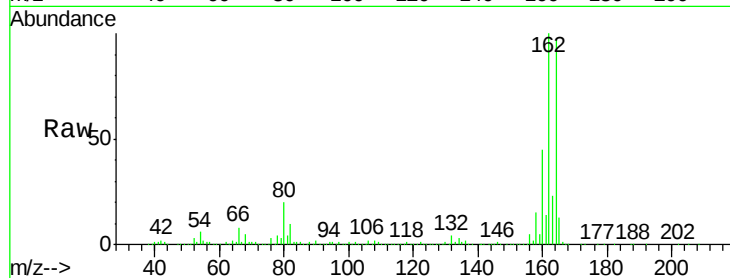
Tot Ion:164 Resp: 490999

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

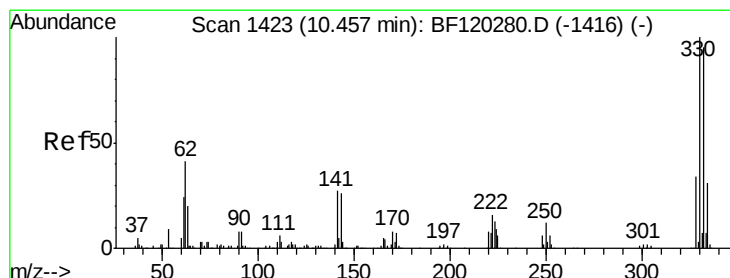
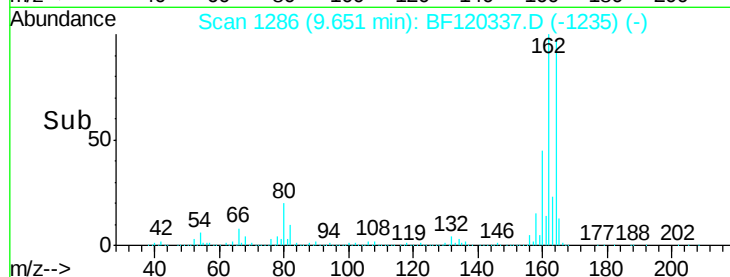
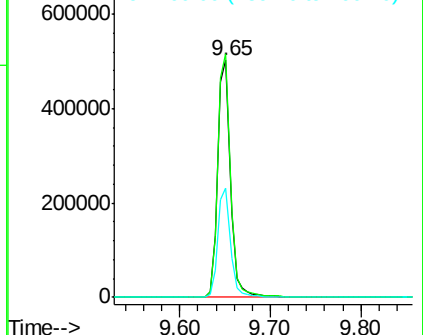
160 46.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 102.421 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

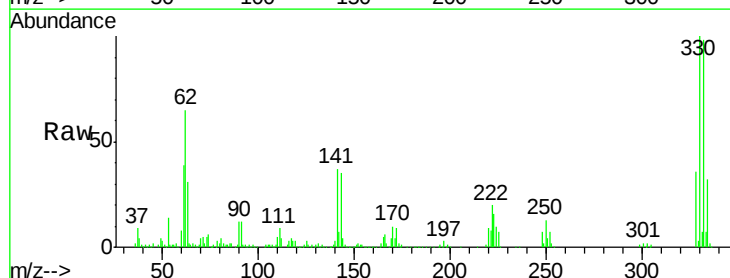
Tgt Ion:330 Resp: 410027

Ion Ratio Lower Upper

330 100

332 97.4 76.5 114.7

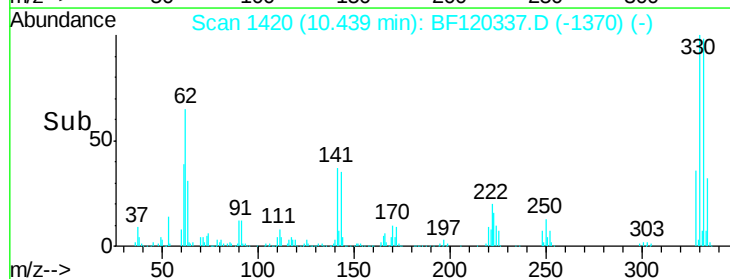
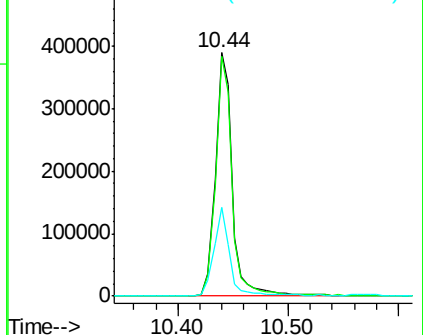
141 33.1 25.4 38.0

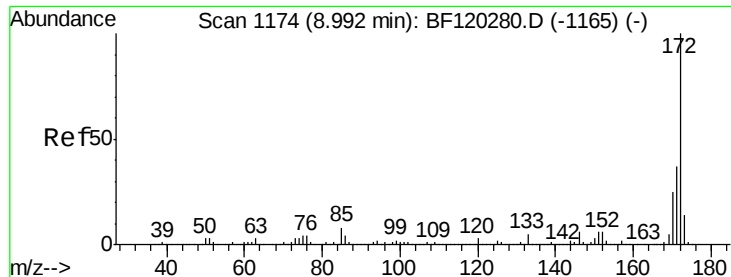


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



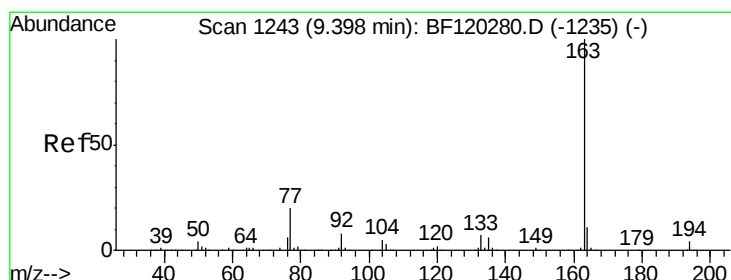
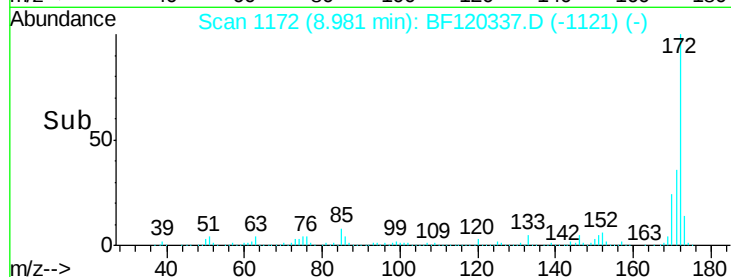
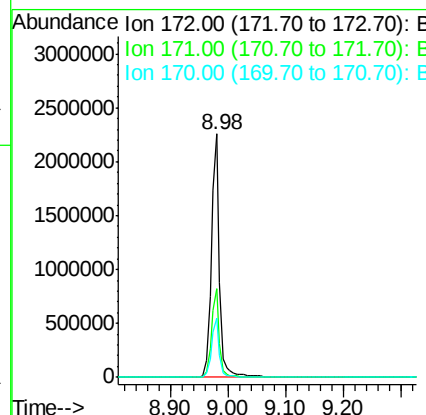
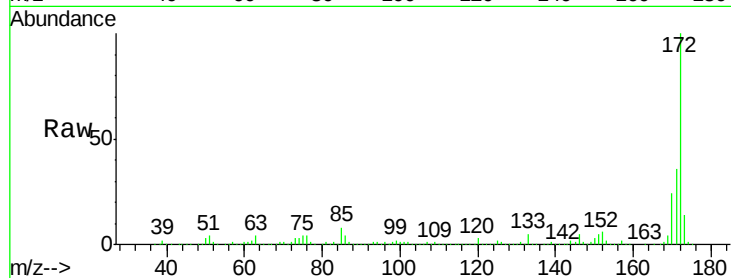


#45
 2-Fluorobiphenyl
 Concen: 94.771 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF120337.D
 Acq: 15 May 2020 22:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2264927

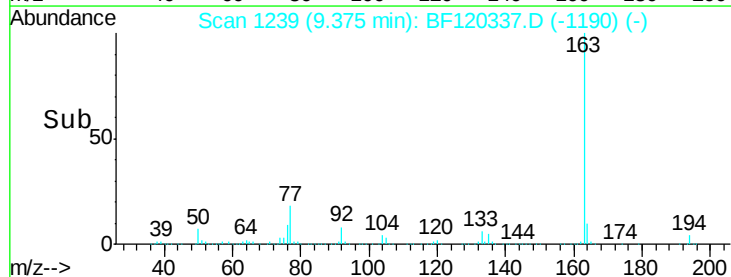
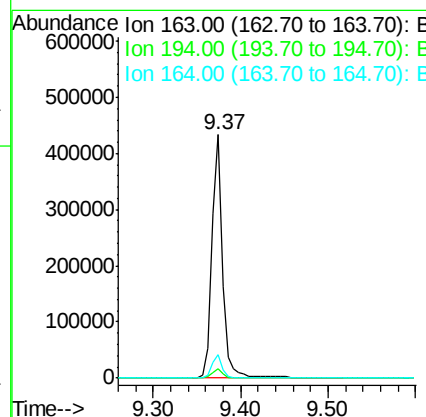
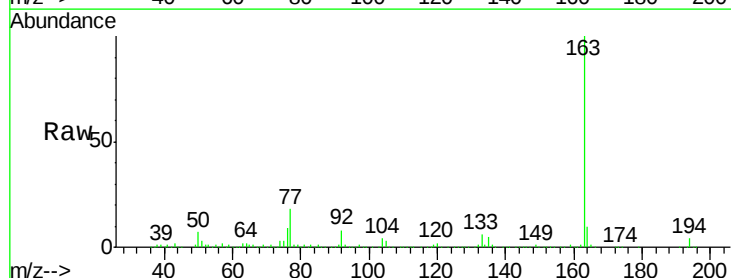
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.9	29.9

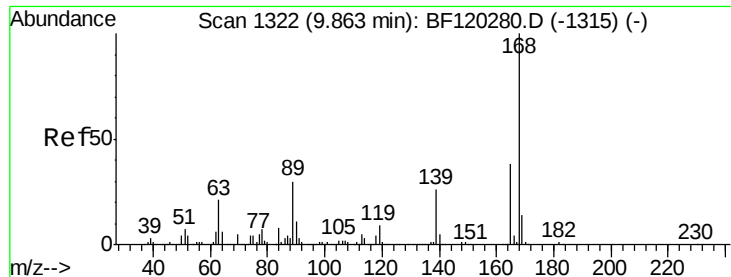


#50
 Dimethylphthalate
 Concen: 11.866 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF120337.D
 Acq: 15 May 2020 22:31

Tgt Ion:163 Resp: 368287

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.5	8.6	12.8

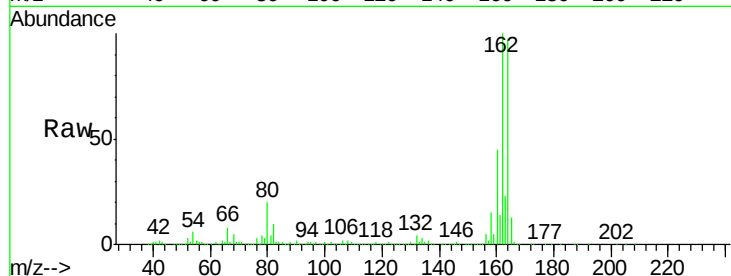




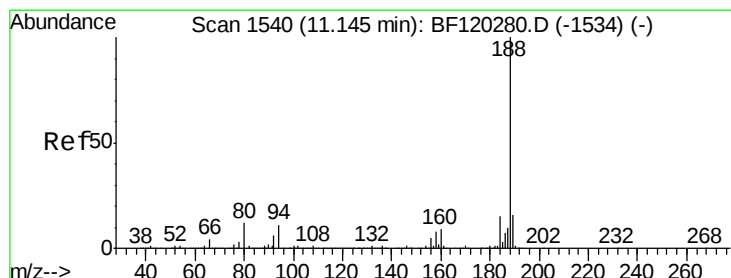
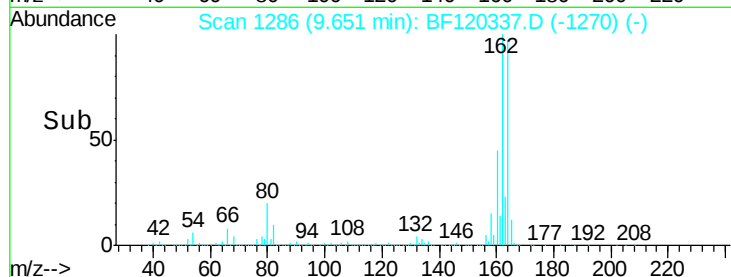
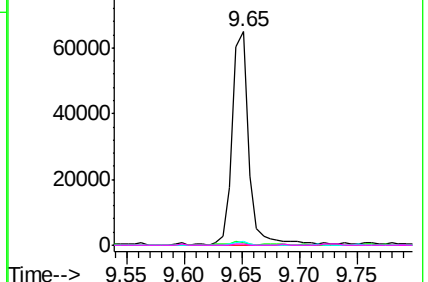
#57
 2,4-Dinitrotoluene
 Concen: 8.123 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.21 min
 Lab File: BF120337.D
 Acq: 15 May 2020 22:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 66012
 Ion Ratio Lower Upper
 165 100
 63 1.4 51.8 77.8#
 89 1.7 64.2 96.4#
 182 0.5 2.0 3.0#

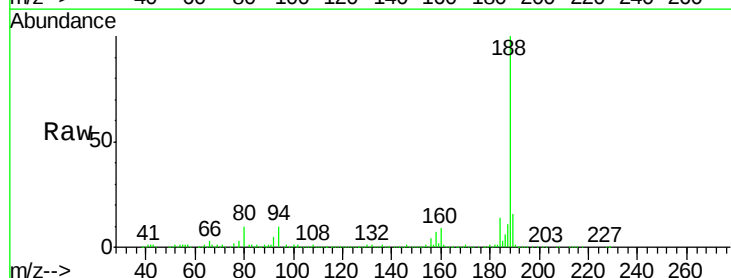


Abundance Ion 165.00 (164.70 to 165.70): E
 100000
 80000
 60000
 40000
 20000
 0

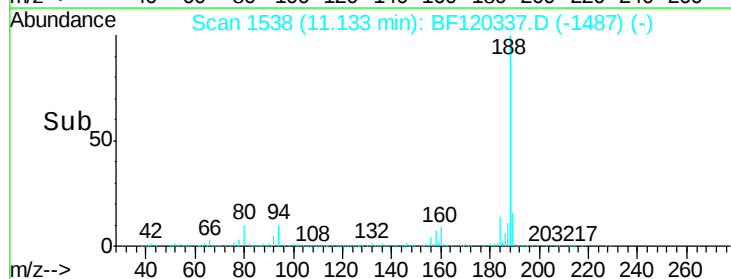
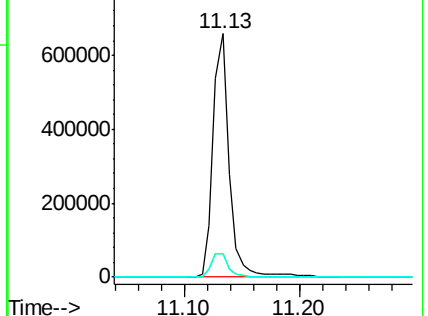


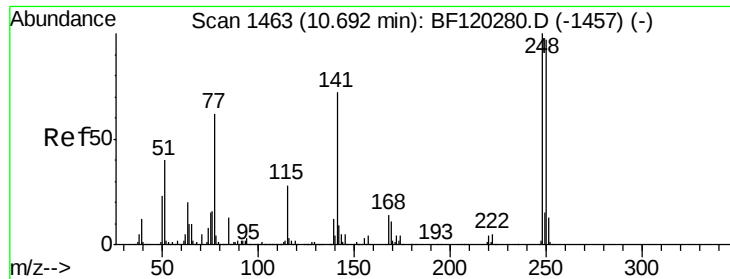
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BF120337.D
 Acq: 15 May 2020 22:31

Tgt Ion:188 Resp: 646117
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.6 13.0
 80 9.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 800000
 600000
 400000
 200000
 0

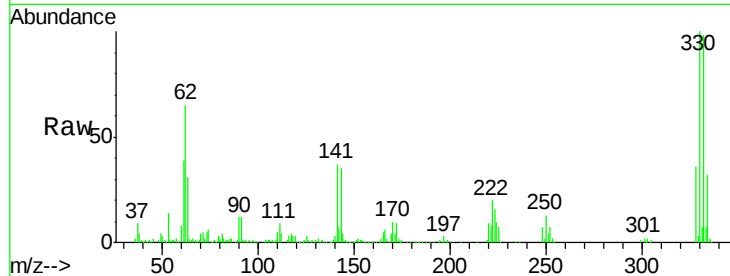




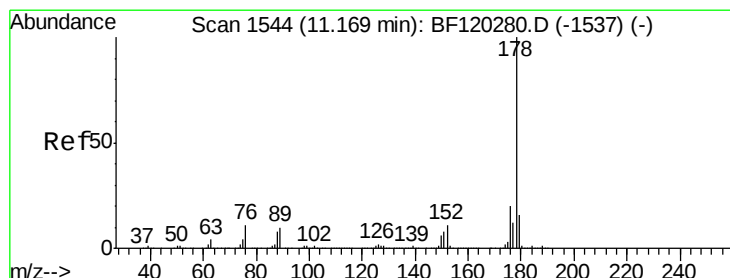
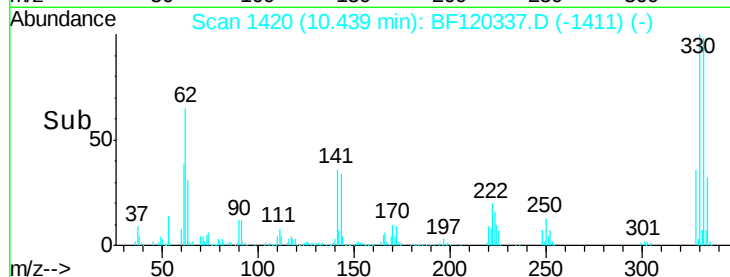
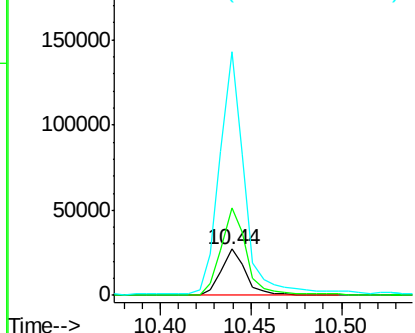
#67
4-Bromophenyl-phenylether
Concen: 4.133 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.25 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 25912
Ion Ratio Lower Upper
248 100
250 189.5 77.8 116.6#
141 529.2 57.7 86.5#

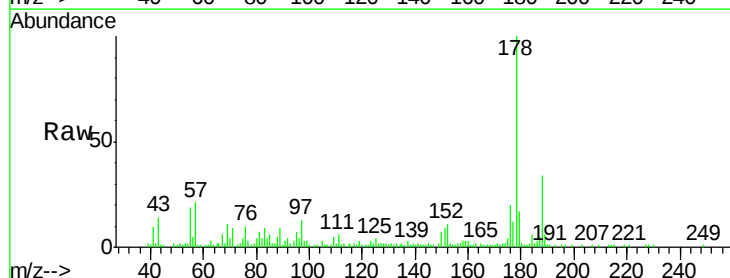


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

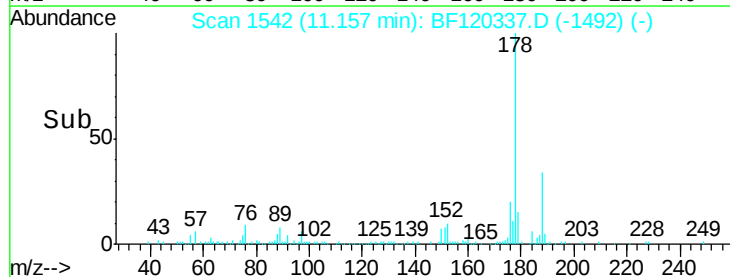
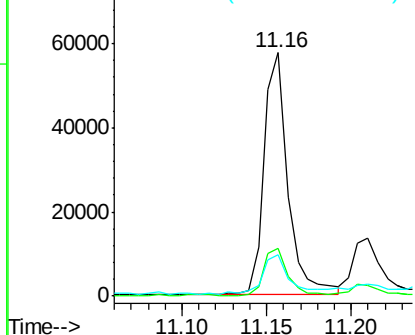


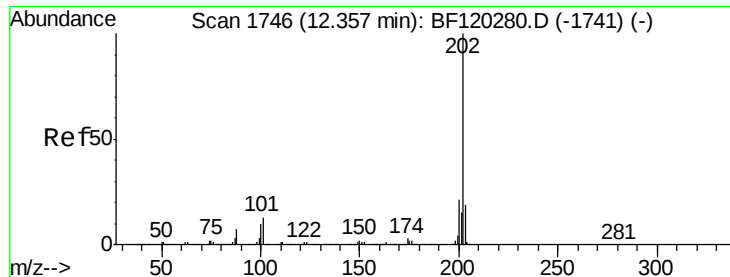
#71
Phenanthrene
Concen: 2.098 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Tgt Ion:178 Resp: 56969
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 16.8 12.8 19.2



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





#75

Fluoranthene

Concen: 2.708 ng

RT: 12.34 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BF120337.D

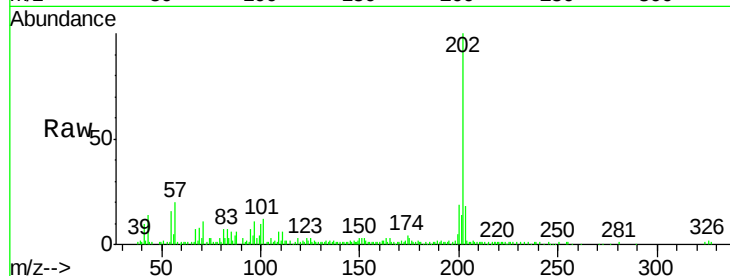
Acq: 15 May 2020 22:31

Instrument :

BNA_F

ClientSampleId :

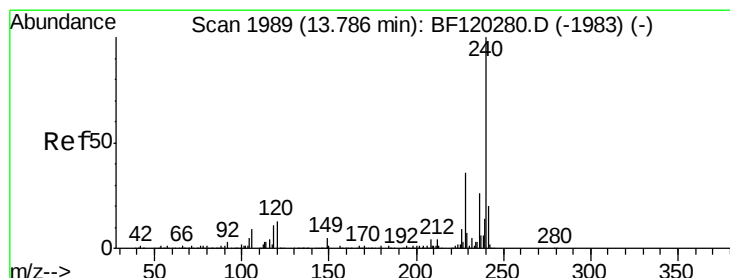
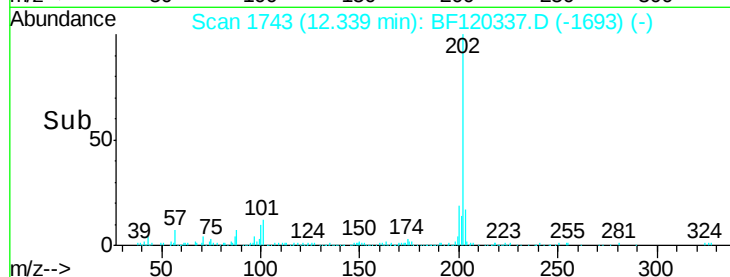
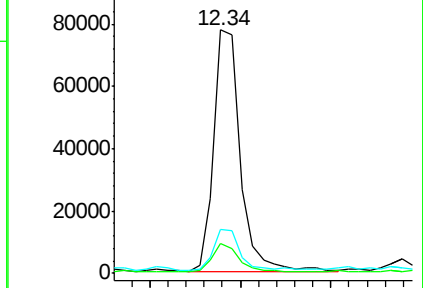
Tot Ion:	202	Resp:	78808
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.2
203	17.9	0.0	39.1



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

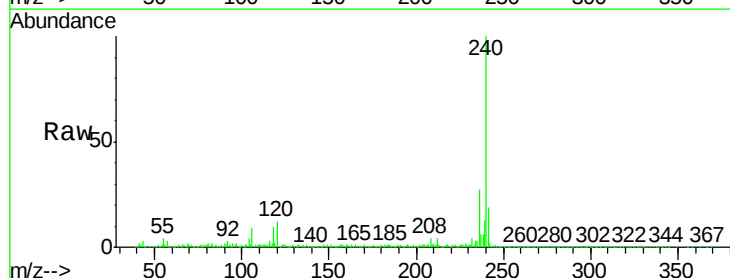
RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

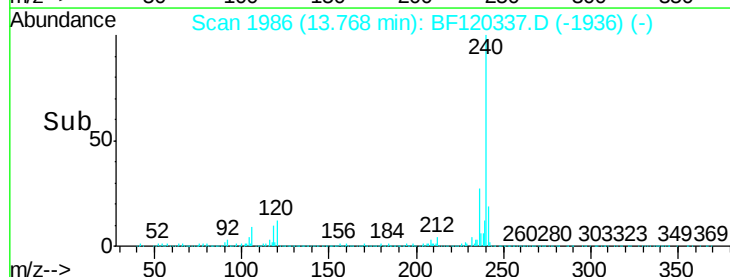
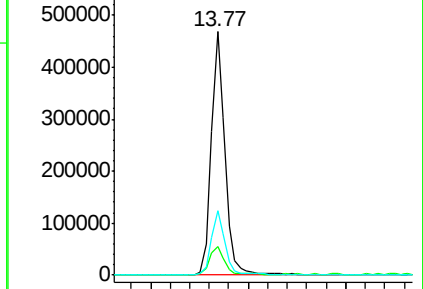
Tgt Ion:	240	Resp:	449190
Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.4	15.6
236	26.7	21.0	31.6

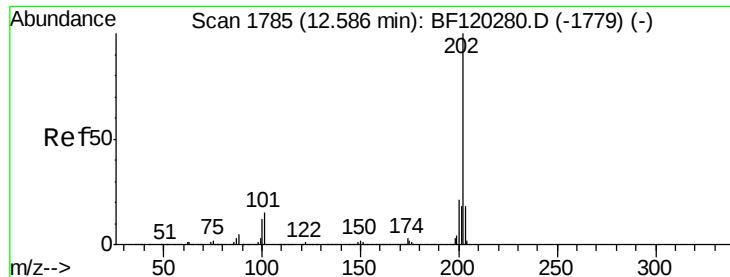


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

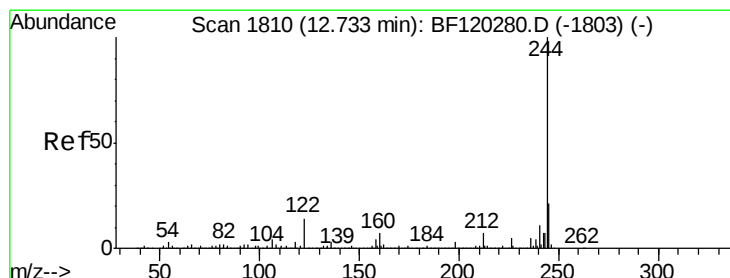
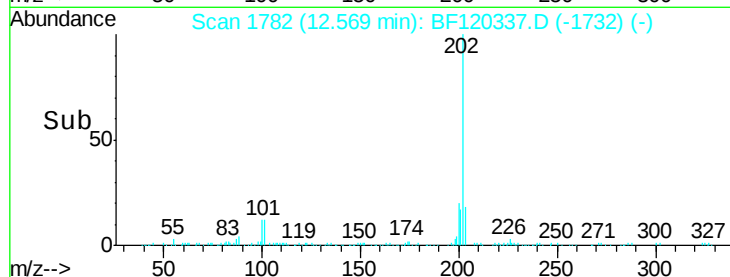
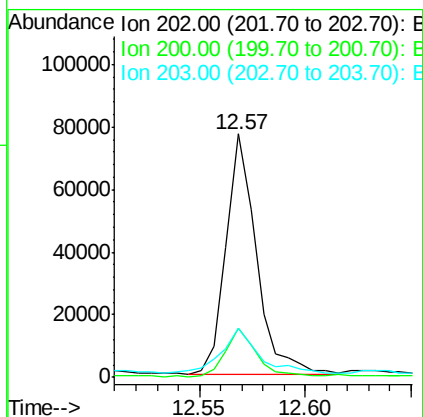
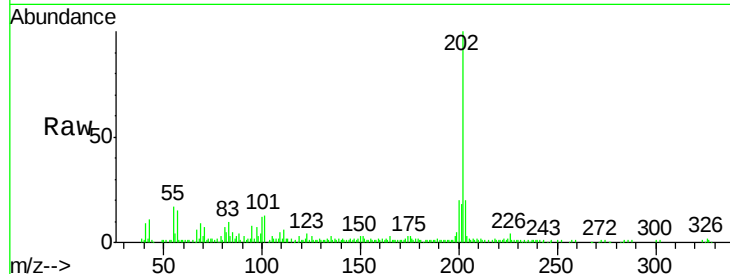




#78
Pvrene
Concen: 2.394 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

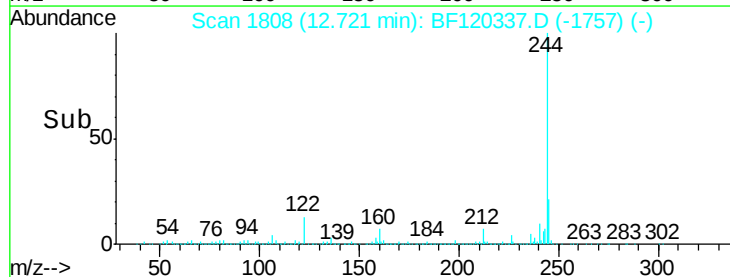
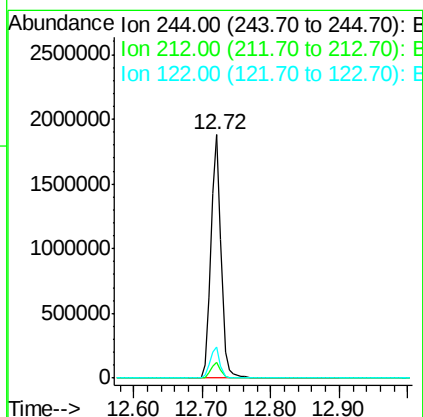
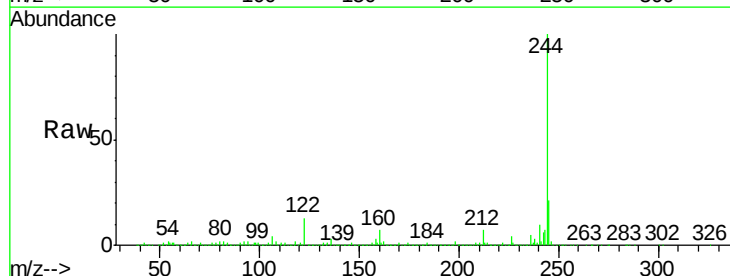
Instrument :
BNA_F
ClientSampleId :

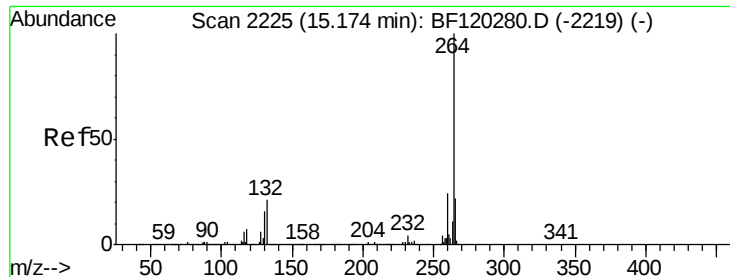
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	20.0	14.6	22.0



#79
Terphenyl-d14
Concen: 95.693 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	12.8	10.8	16.2

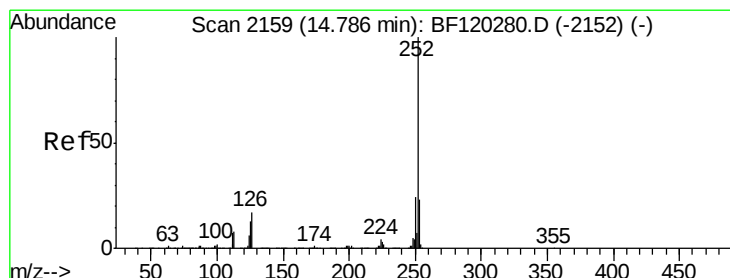
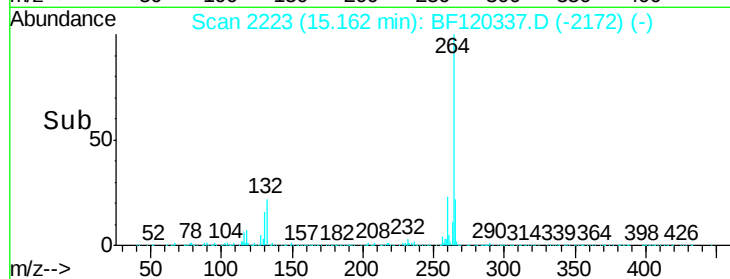
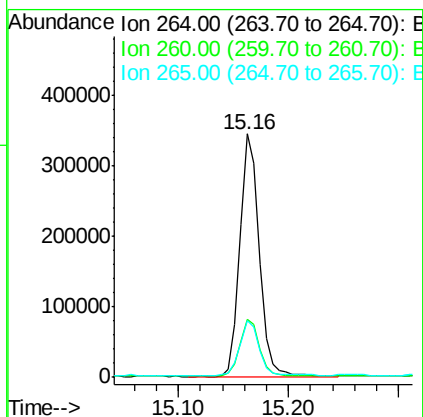
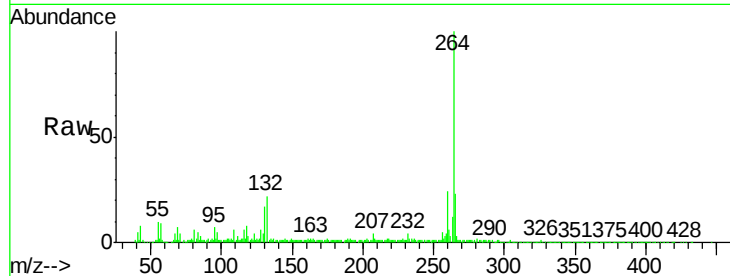




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

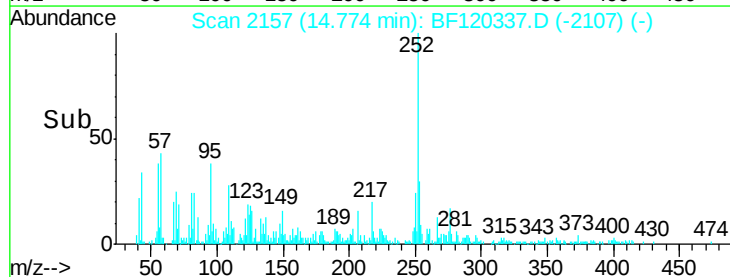
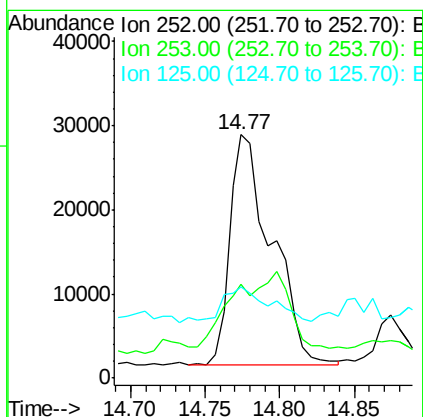
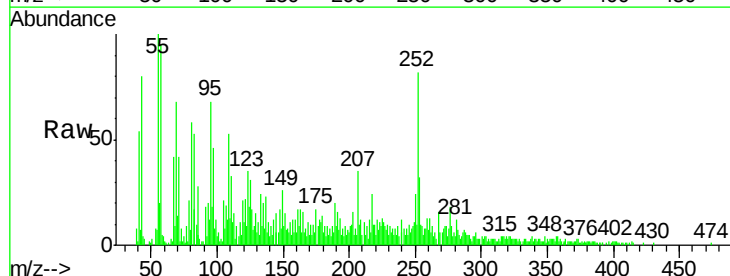
Instrument :
BNA_F
ClientSampleId :

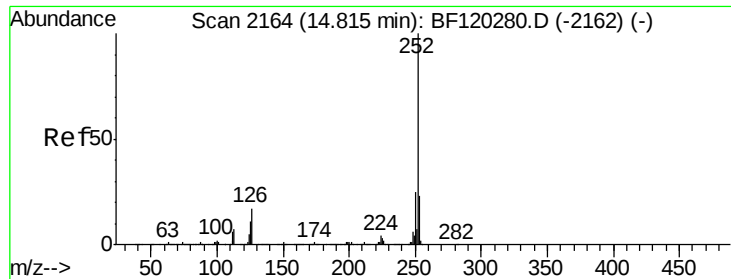
Tot Ion:264 Resp: 425892
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 23.2 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 2.279 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Tgt Ion:252 Resp: 53014
Ion Ratio Lower Upper
252 100
253 38.5 18.1 27.1#
125 37.3 10.4 15.6#





#89

Benzo(k)fluoranthene

Concen: 2.631 ng

RT: 14.77 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

Instrument :

BNA_F

ClientSampleId :

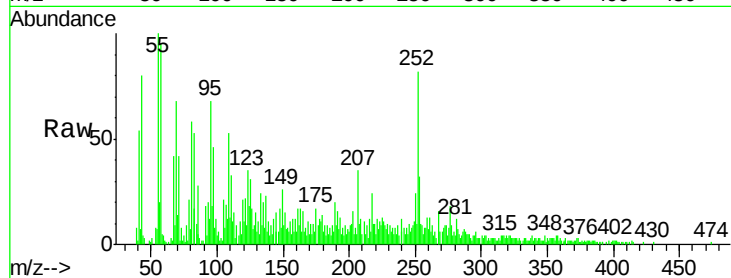
Tot Ion: 252 Resp: 53014

Ion Ratio Lower Upper

252 100

253 38.5 18.2 27.2#

125 37.3 9.9 14.9#



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

