

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120564.D
 Acq On : 5 Jun 2020 17:23
 Operator : JU/CG
 Sample : L2893-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2A

Quant Time: Jun 06 02:42:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

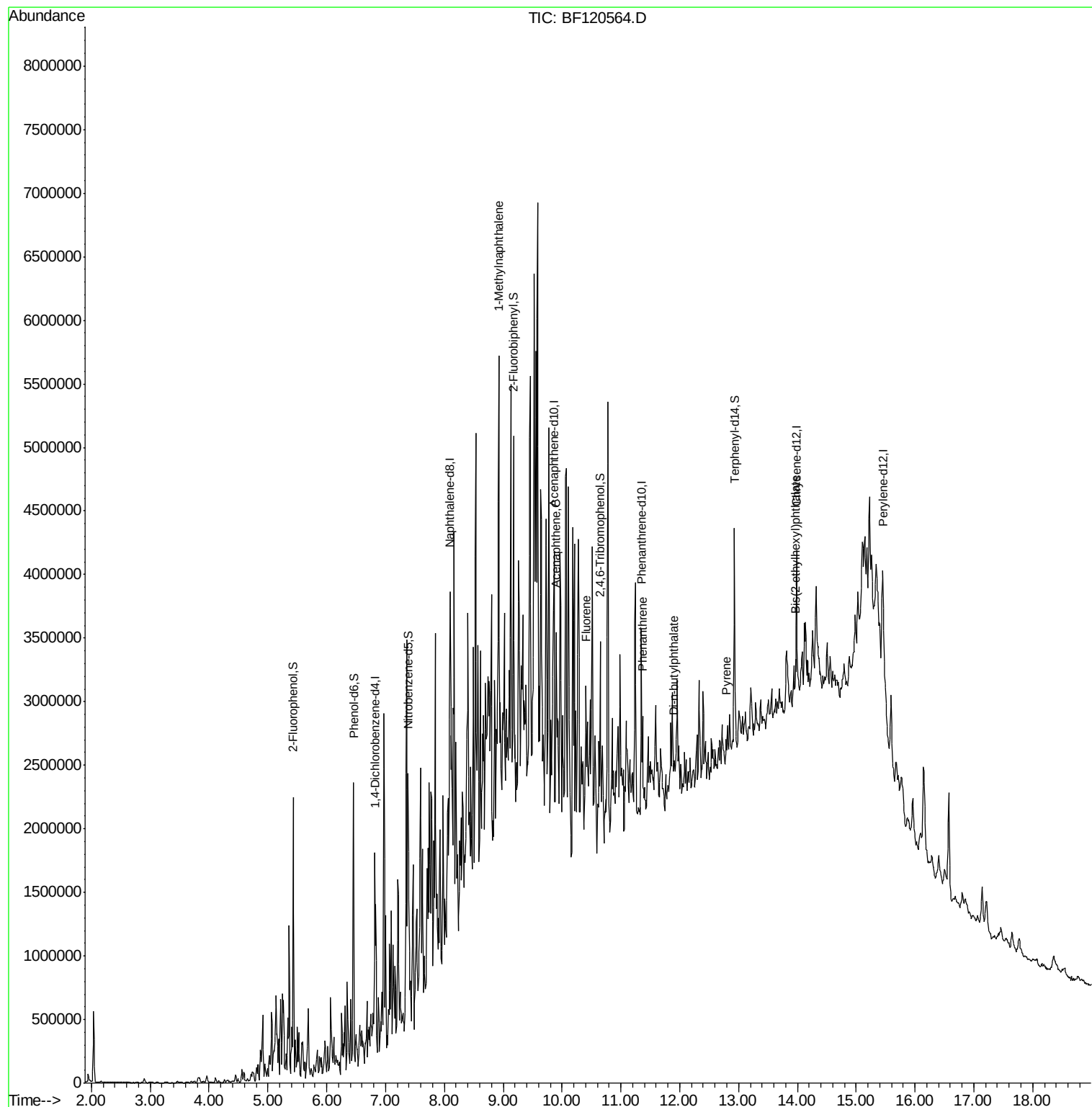
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	226307	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	752018	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	350140	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	582806	20.00	ng	0.00
76) Chrysene-d12	13.99	240	406935	20.00	ng	0.00
86) Perylene-d12	15.45	264	361142	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	595283	50.13	ng	0.00
7) Phenol-d6	6.46	99	812436	55.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	495682	43.12	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	167856	51.74	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	794121	38.48	ng	0.00
79) Terphenyl-d14	12.93	244	708231	38.73	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	8.92	142	1125413	54.501	ng	# 99
52) Acenaphthene	9.89	154	74640	4.086	ng	# 84
58) Fluorene	10.41	166	141071	7.082	ng	# 91
71) Phenanthrene	11.37	178	258652	10.072	ng	# 94
74) Di-n-butylphthalate	11.90	149	139604	4.816	ng	# 95
78) Pyrene	12.79	202	92914	3.283	ng	# 90
84) Bis(2-ethylhexyl)phthalate	13.97	149	117660	8.484	ng	# 92

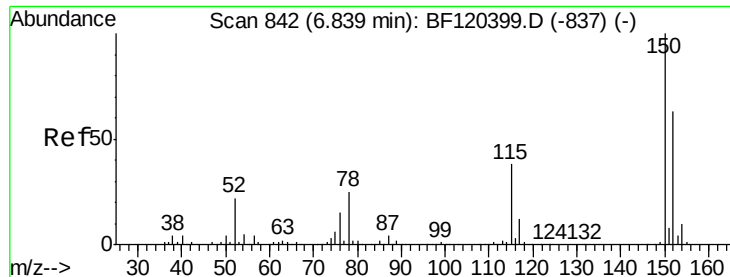
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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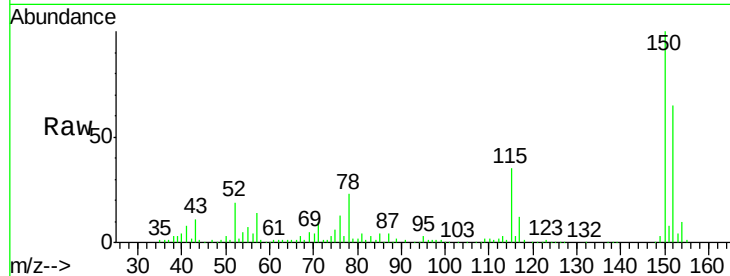


#1

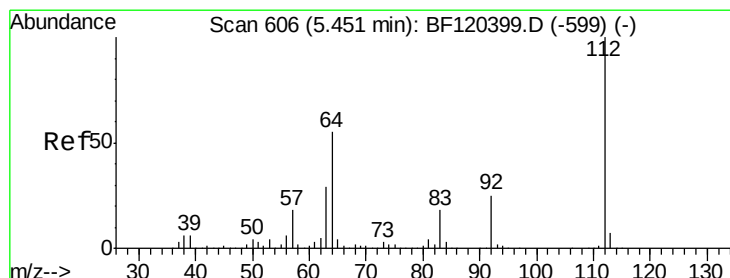
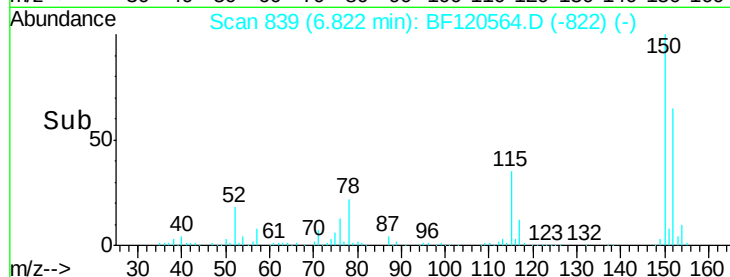
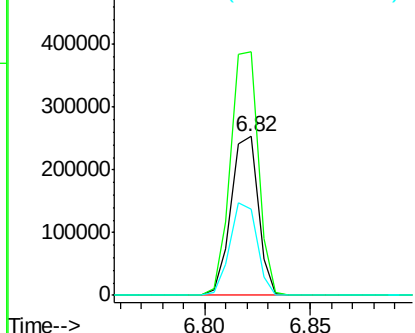
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF120564.D
Acq: 5 Jun 2020 17:23

Instrument :
BNA_F
ClientSampleId :
SP-2A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.4
115	54.2	43.8	65.6



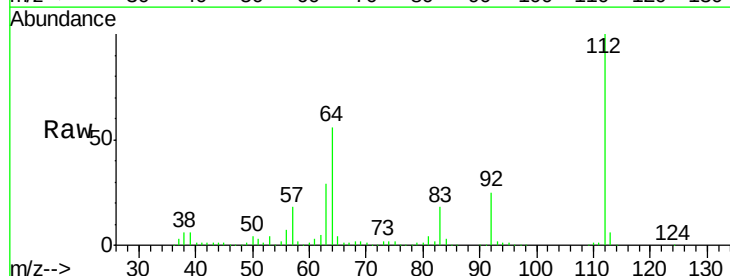
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



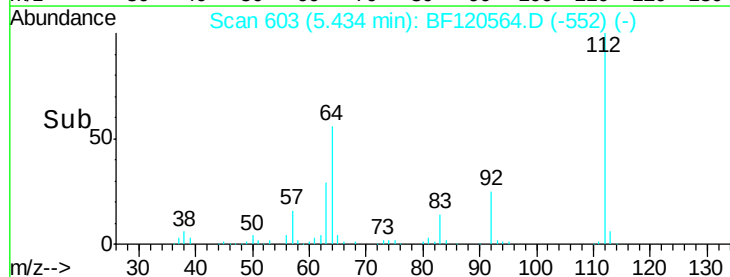
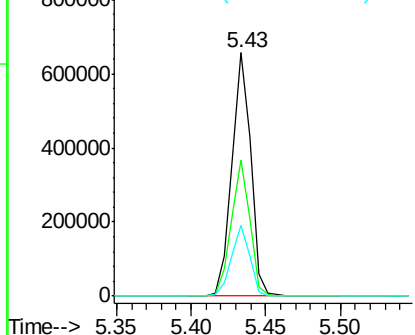
#5

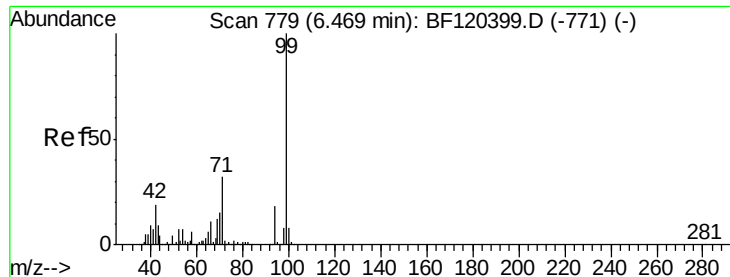
2-Fluorophenol
Concen: 50.129 ng
RT: 5.43 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF120564.D
Acq: 5 Jun 2020 17:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.5	69.7
63	28.9	23.6	35.4



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: 55.507 ng

RT: 6.46 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF120564.D

Acq: 5 Jun 2020 17:23

Instrument :

BNA_F

ClientSampled :

SP-2A

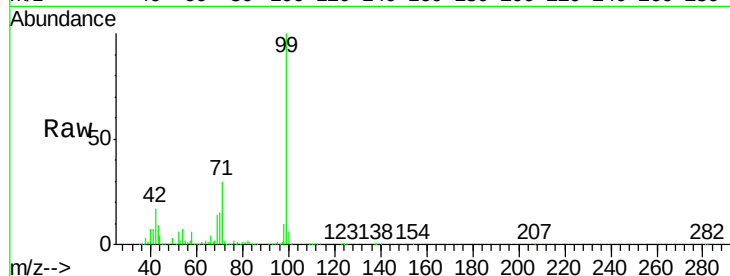
Tot Ion: 99 Resp: 812436

Ion Ratio Lower Upper

99 100

42 17.3 14.8 22.2

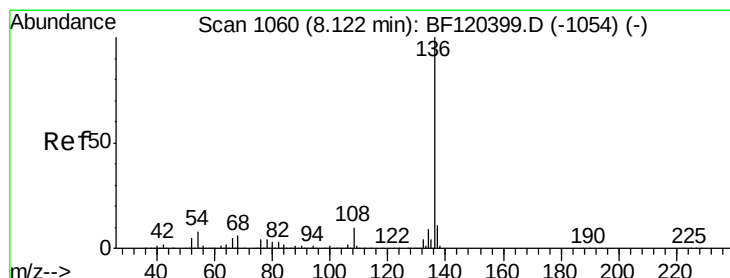
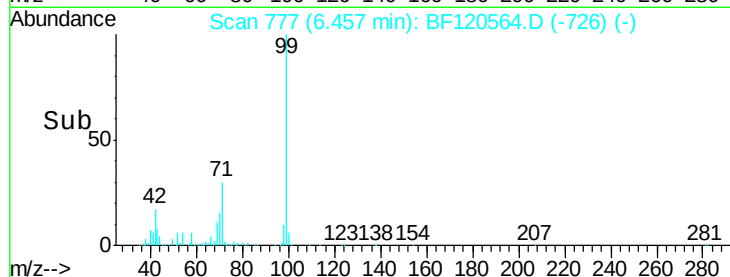
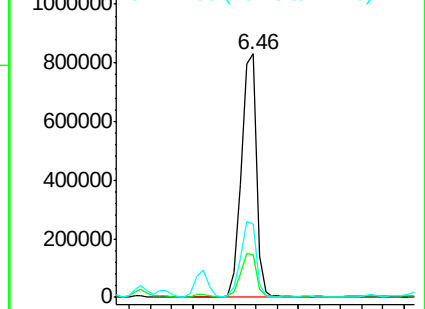
71 30.4 25.8 38.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF120564.D

Acq: 5 Jun 2020 17:23

Tgt Ion: 136 Resp: 752018

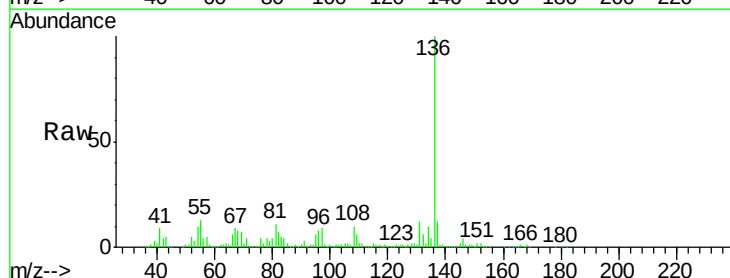
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 9.7 5.1 7.7#

68 8.3 4.0 6.0#

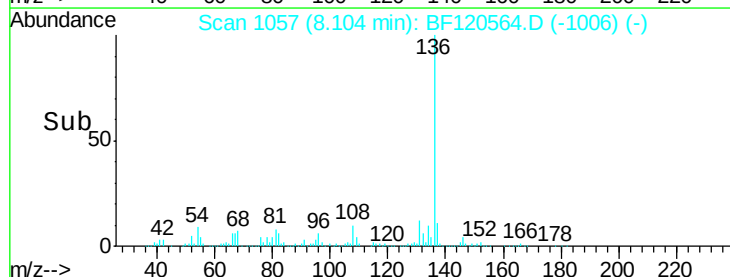
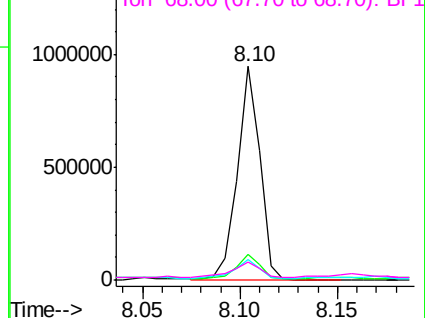


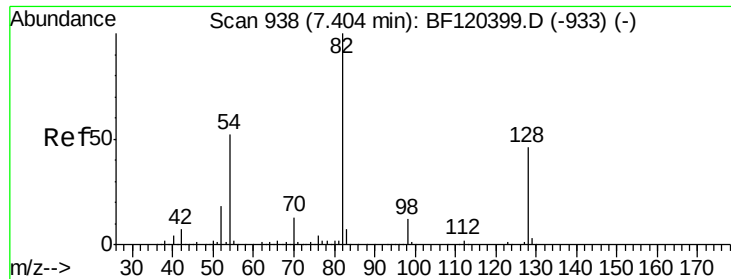
Abundance Ion 136.00 (135.70 to 136.70): E

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

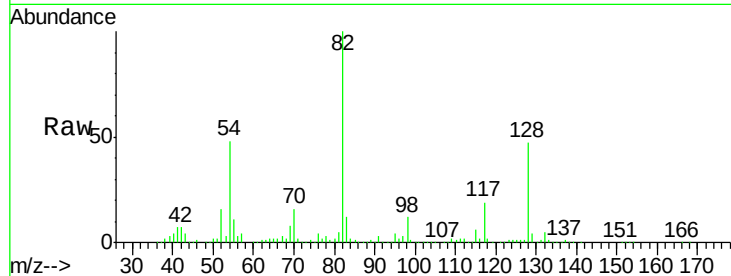




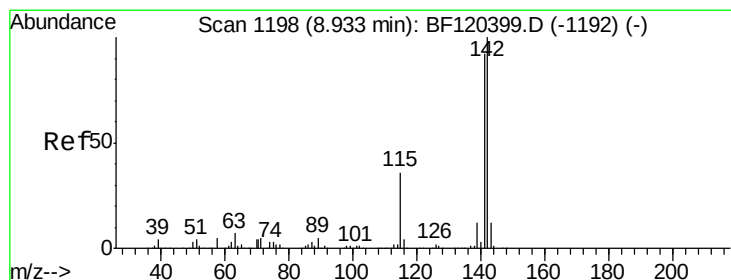
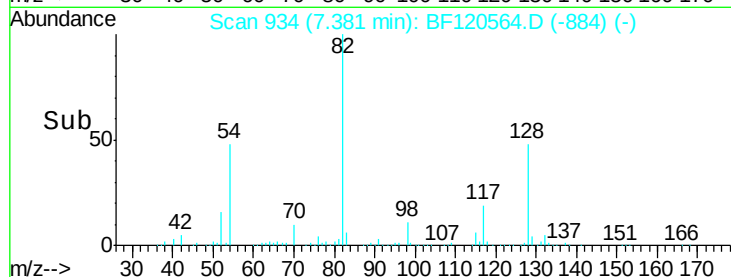
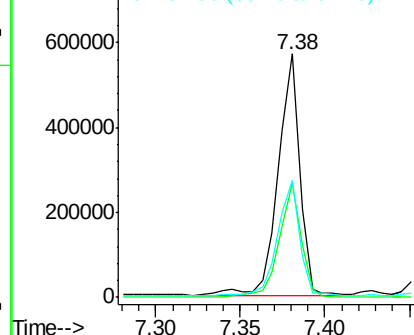
#23
Nitrobenzene-d5
Concen: 43.116 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120564.D
Acq: 5 Jun 2020 17:23

Instrument :
BNA_F
ClientSampleId :
SP-2A

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.6	57.8
54	48.2	39.5	59.3

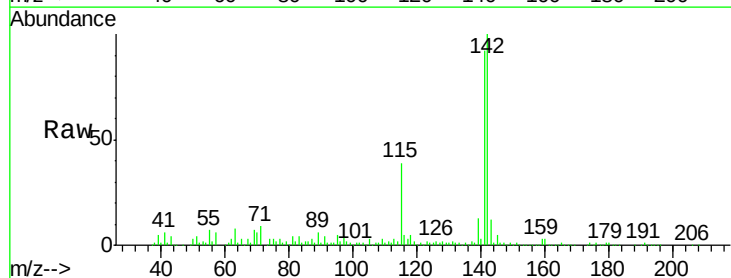


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

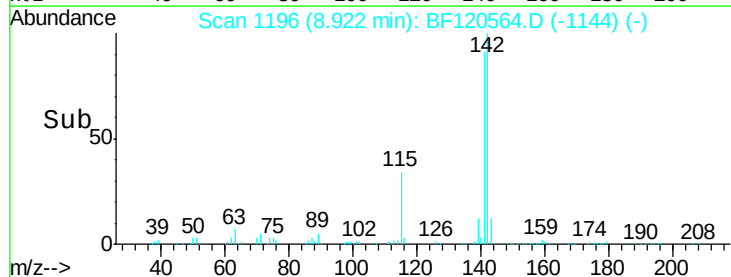
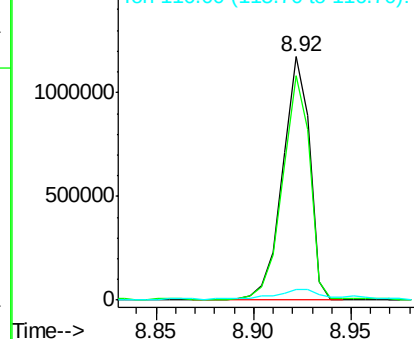


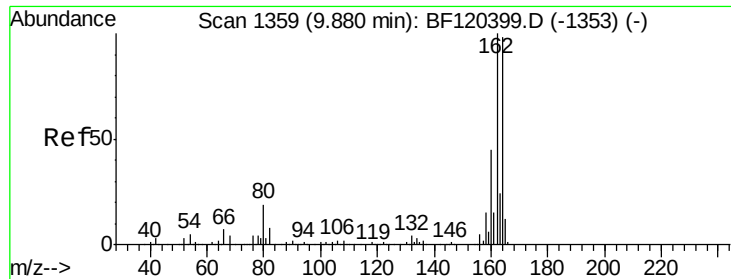
#38
1-Methylnaphthalene
Concen: 54.501 ng
RT: 8.92 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF120564.D
Acq: 5 Jun 2020 17:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.1	111.1
116	4.6	3.0	4.4#



Abundance Ion 142.00 (141.70 to 142.70): BF1
Ion 141.00 (140.70 to 141.70): BF1
Ion 116.00 (115.70 to 116.70): BF1

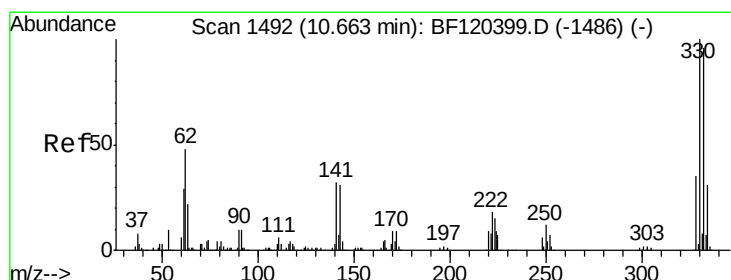
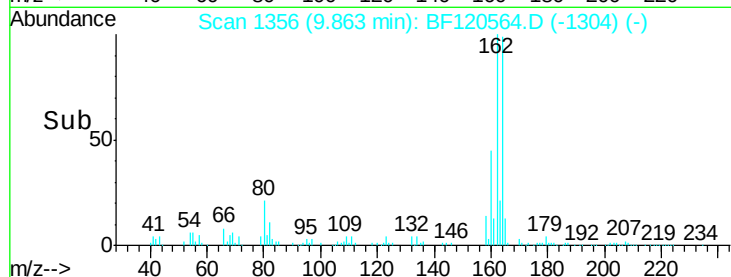
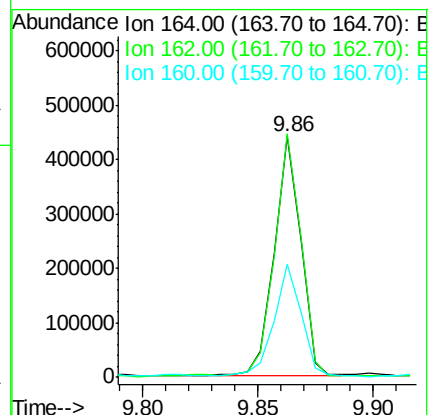
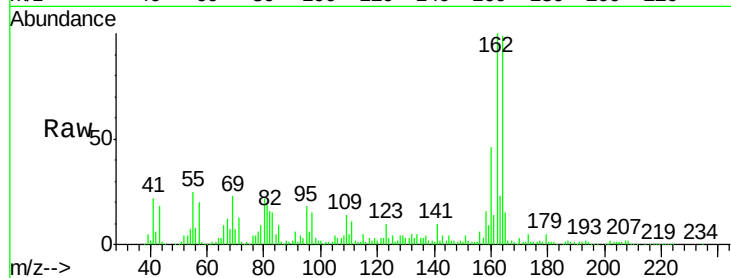




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120564.D
Acq: 5 Jun 2020 17:23

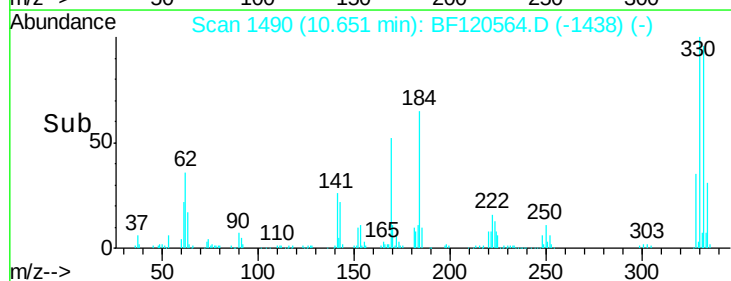
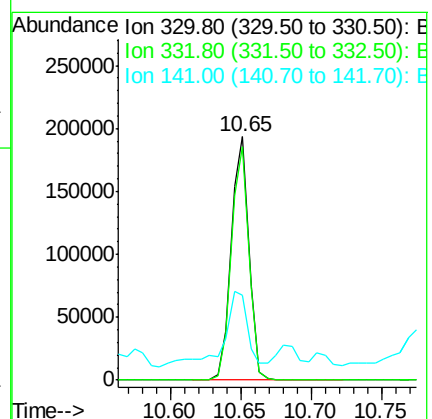
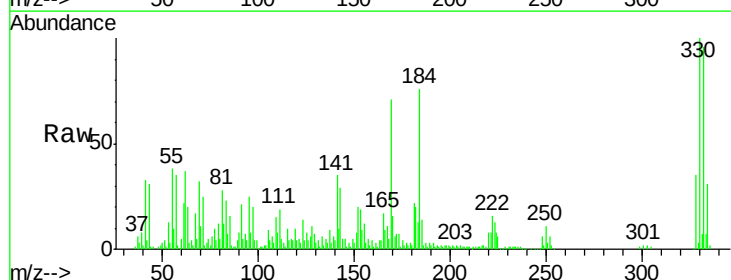
Instrument :
BNA_F
ClientSampleId :
SP-2A

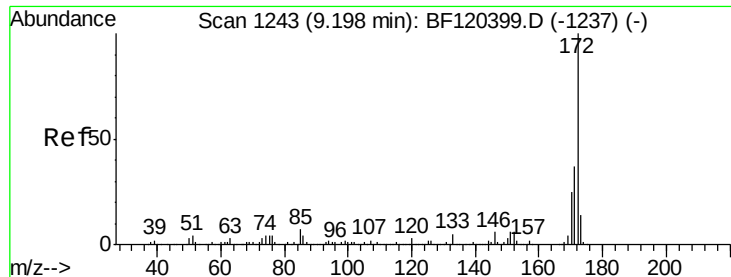
Tot Ion:164 Resp: 350140
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 46.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 51.740 ng
RT: 10.65 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BF120564.D
Acq: 5 Jun 2020 17:23

Tgt Ion:330 Resp: 167856
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 42.6 23.9 35.9#

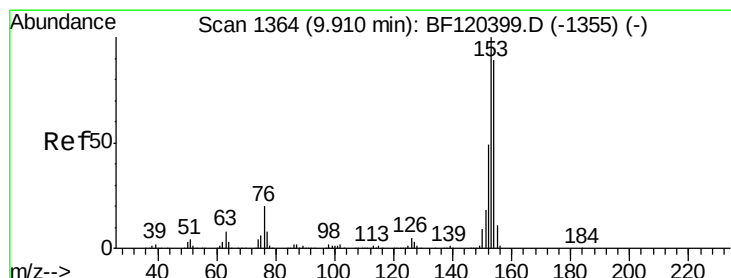
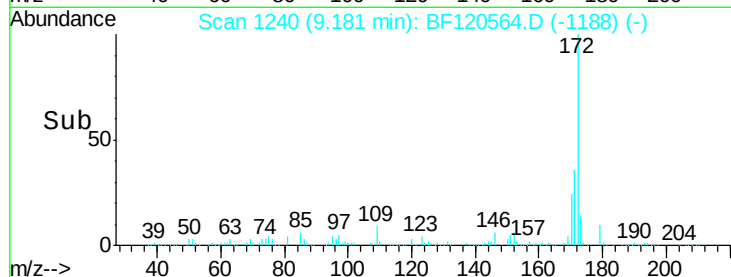
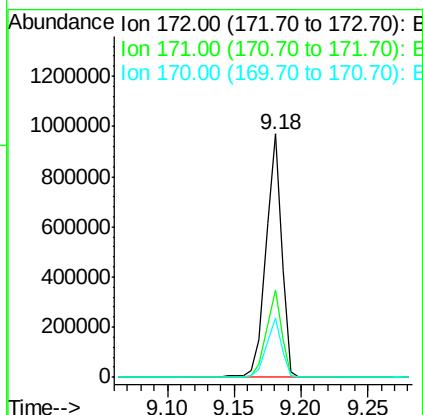
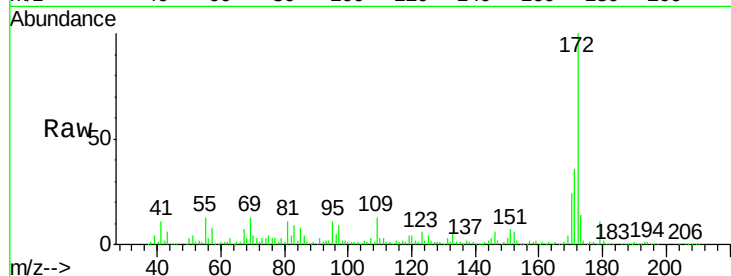




#45
2-Fluorobiphenyl
Concen: 38.481 ng
RT: 9.18 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF120564.D
Acq: 5 Jun 2020 17:23

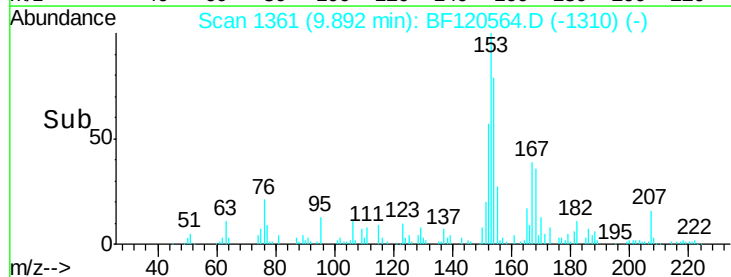
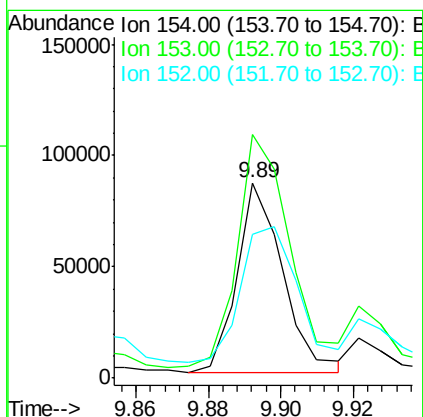
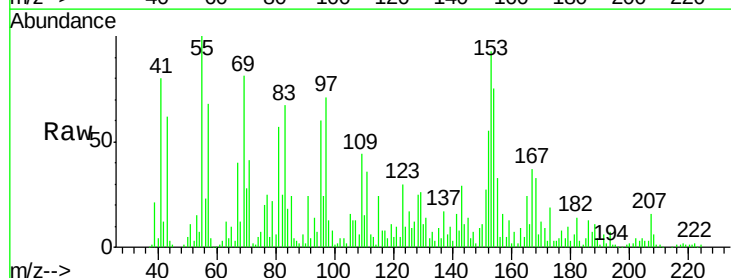
Instrument :
BNA_F
ClientSampleId :
SP-2A

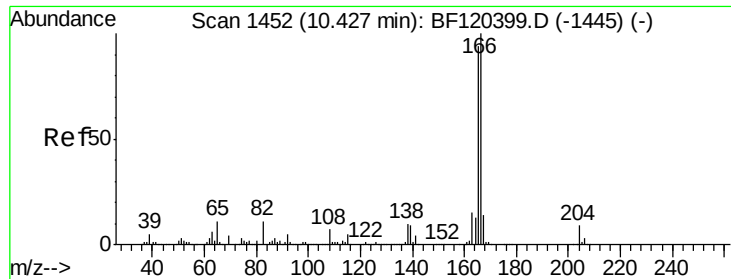
Tot Ion:172 Resp: 794121
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.3 19.0 28.6



#52
Acenaphthene
Concen: 4.086 ng
RT: 9.89 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120564.D
Acq: 5 Jun 2020 17:23

Tgt Ion:154 Resp: 74640
Ion Ratio Lower Upper
154 100
153 124.7 90.1 135.1
152 73.8 43.4 65.0#





#58

Fluorene

Concen: 7.082 ng

RT: 10.41 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF120564.D

Acq: 5 Jun 2020 17:23

Instrument :

BNA_F

ClientSampleId :

SP-2A

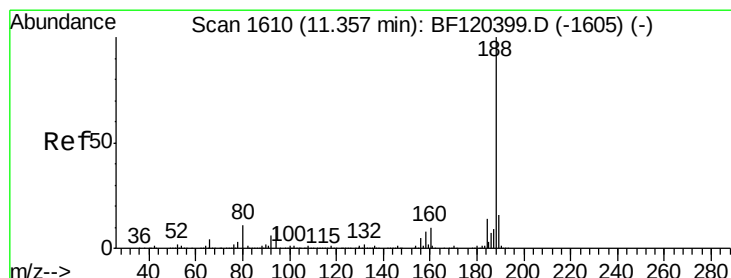
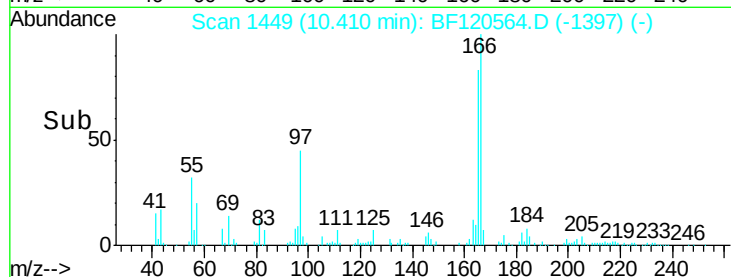
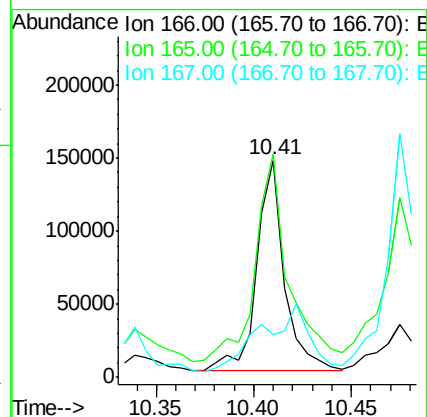
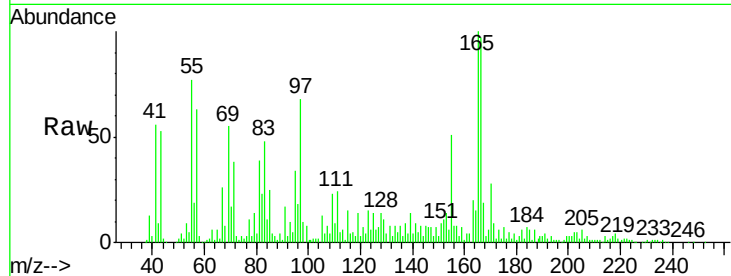
Tot Ion:166 Resp: 141071

Ion Ratio Lower Upper

166 100

165 102.6 75.6 113.4

167 19.9 10.9 16.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BF120564.D

Acq: 5 Jun 2020 17:23

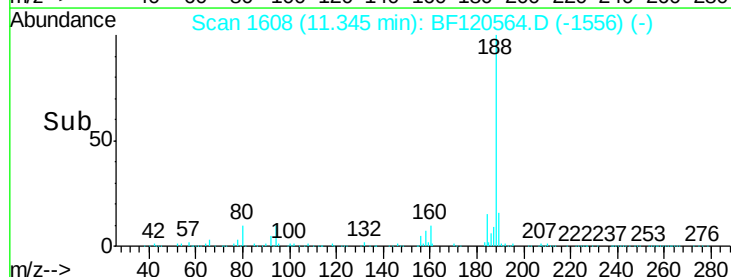
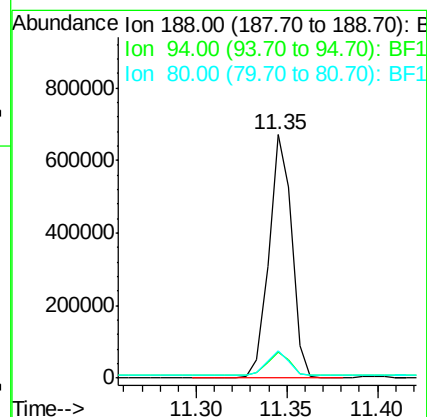
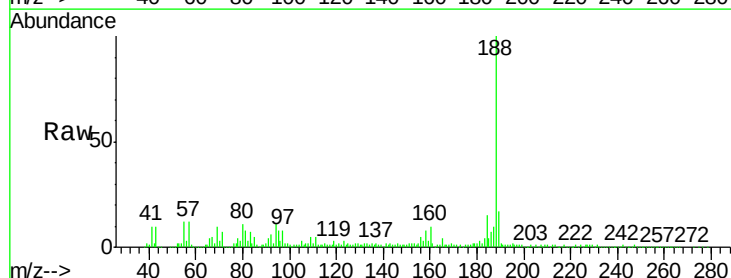
Tgt Ion:188 Resp: 582806

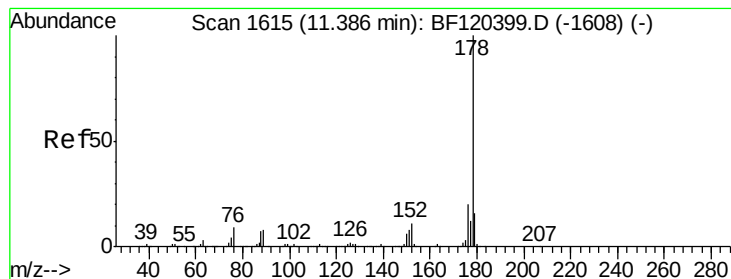
Ion Ratio Lower Upper

188 100

94 10.9 7.0 10.6#

80 11.2 7.4 11.0#





#71

Phenanthrene

Concen: 10.072 ng

RT: 11.37 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF120564.D

Acq: 5 Jun 2020 17:23

Instrument :

BNA_F

ClientSampleId :

SP-2A

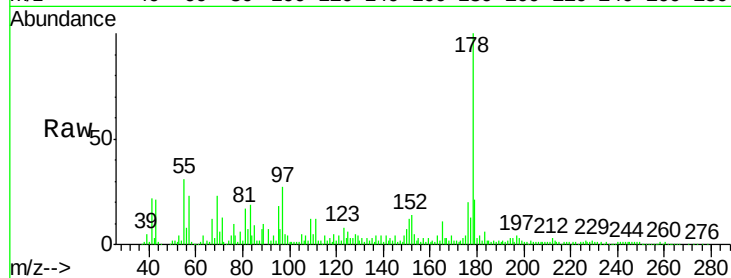
Tot Ion:178 Resp: 258652

Ion Ratio Lower Upper

178 100

176 20.4 15.7 23.5

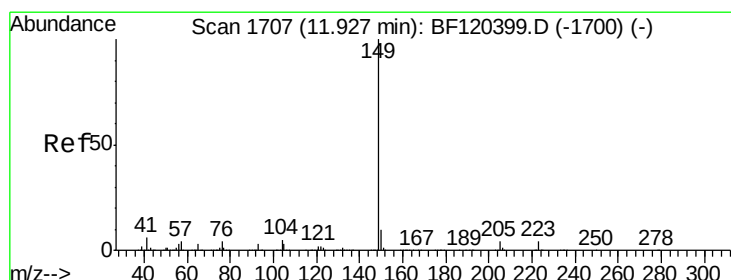
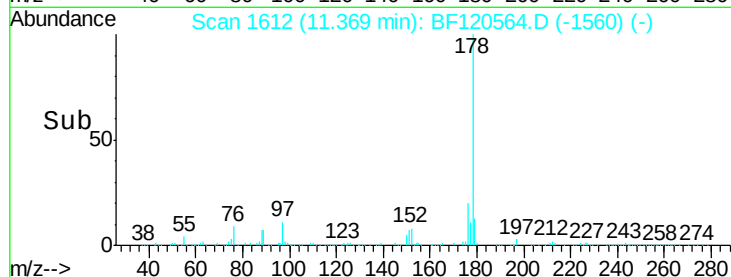
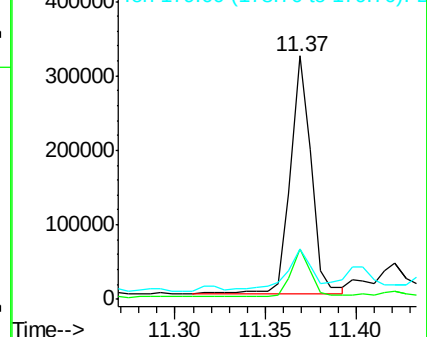
179 20.6 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 4.816 ng

RT: 11.90 min Scan# 1703

Delta R.T. 0.00 min

Lab File: BF120564.D

Acq: 5 Jun 2020 17:23

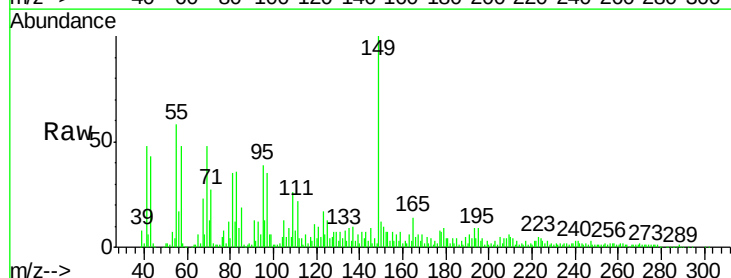
Tgt Ion:149 Resp: 139604

Ion Ratio Lower Upper

149 100

150 11.6 7.4 11.2#

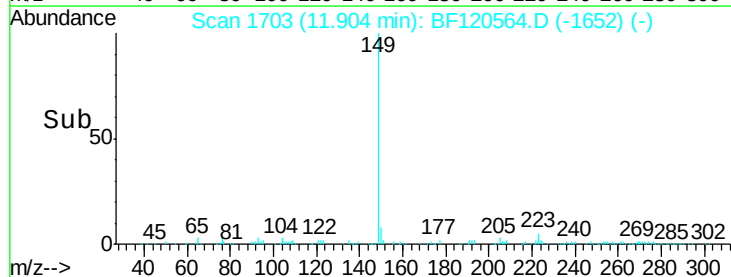
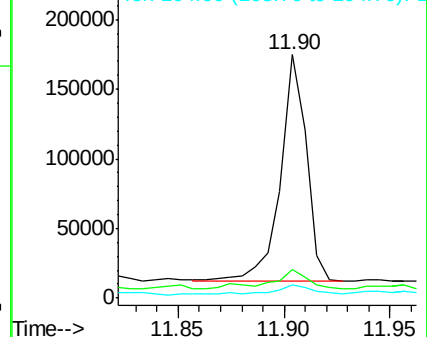
104 5.5 3.6 5.4#

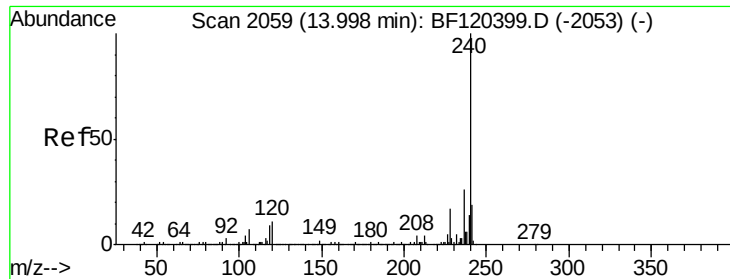


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

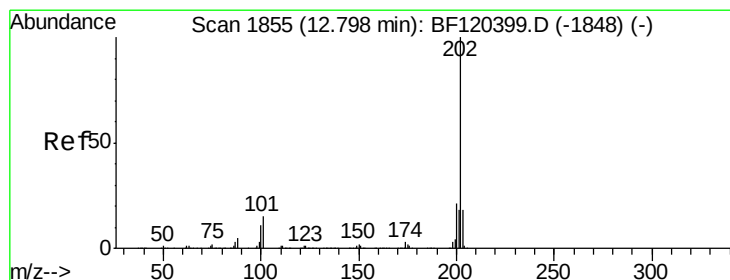
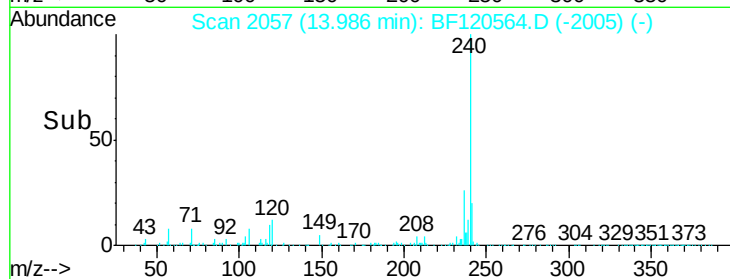
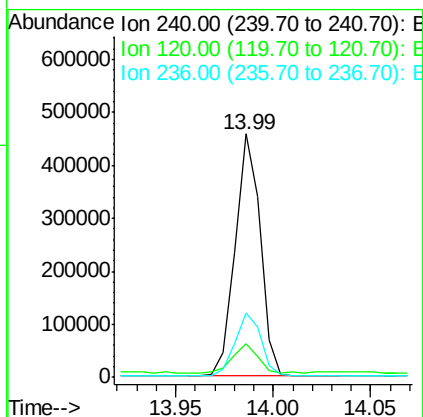
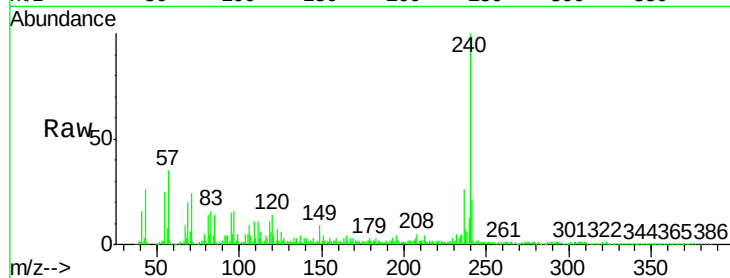




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BF120564.D
Acq: 5 Jun 2020 17:23

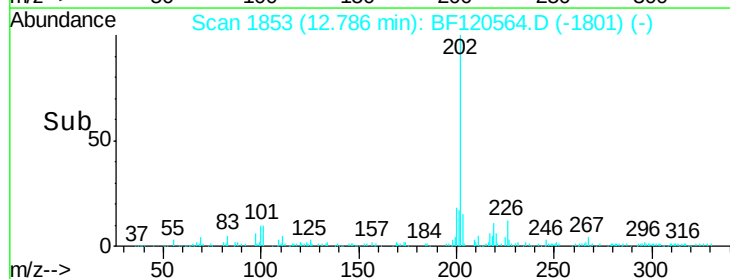
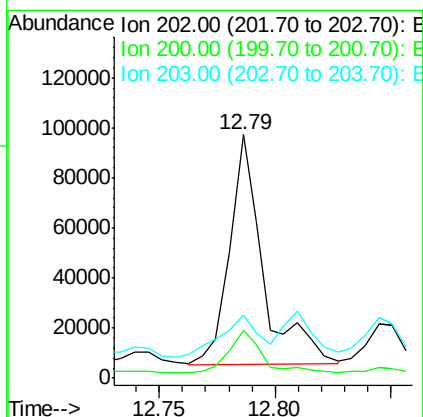
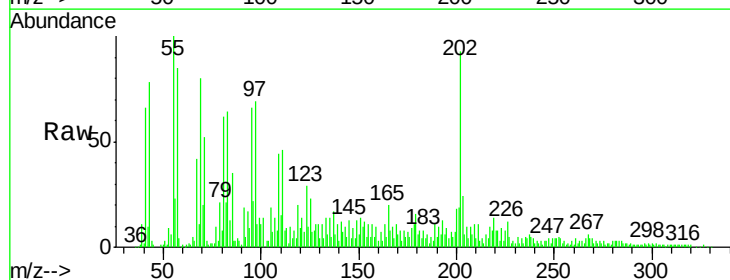
Instrument :
BNA_F
ClientSampleId :
SP-2A

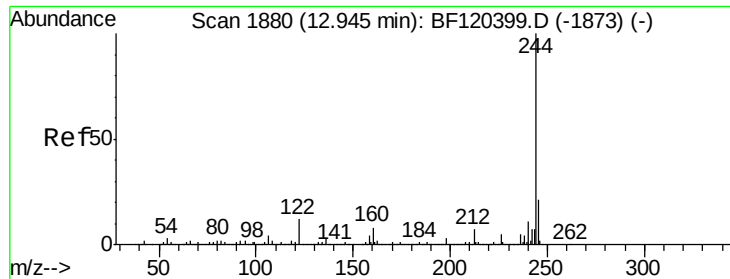
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.1	13.7#
236	26.5	21.3	31.9



#78
Pyrene
Concen: 3.283 ng
RT: 12.79 min Scan# 1853
Delta R.T. 0.01 min
Lab File: BF120564.D
Acq: 5 Jun 2020 17:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.6	24.8
203	26.1	14.4	21.6#





#79

Terphenyl-d14

Concen: 38.728 ng

RT: 12.93 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BF120564.D

Acq: 5 Jun 2020 17:23

Instrument :

BNA_F

ClientSampleId :

SP-2A

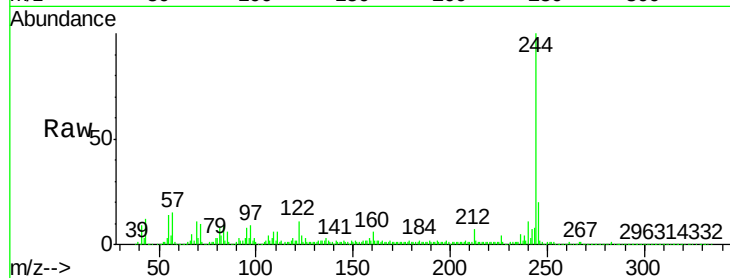
Tot Ion:244 Resp: 708231

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

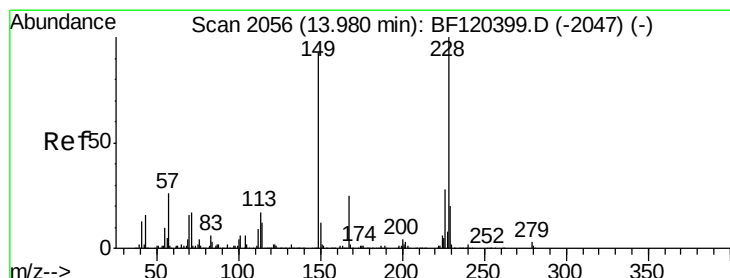
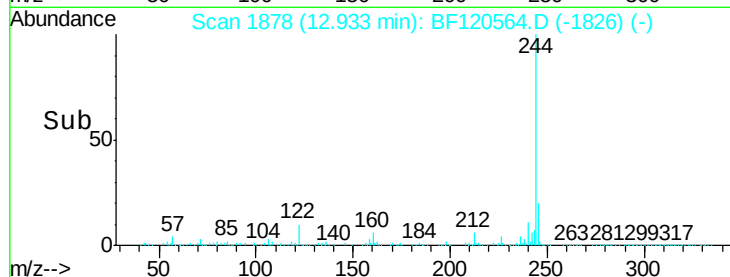
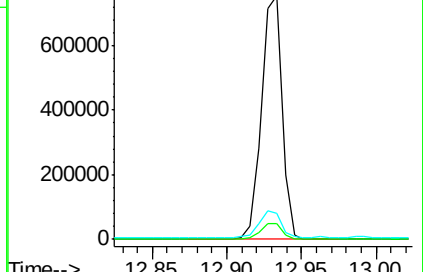
122 10.5 8.4 12.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.484 ng

RT: 13.97 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BF120564.D

Acq: 5 Jun 2020 17:23

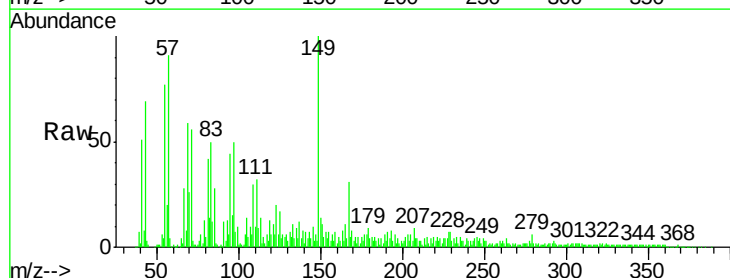
Tgt Ion:149 Resp: 117660

Ion Ratio Lower Upper

149 100

167 31.1 21.8 32.6

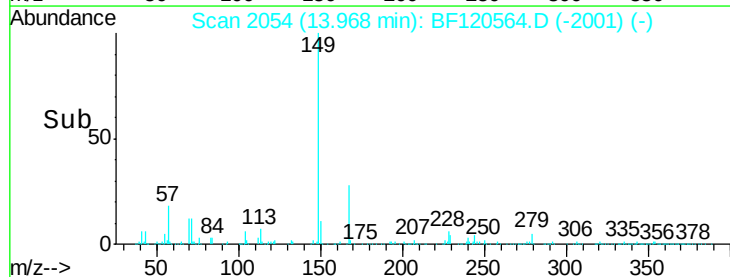
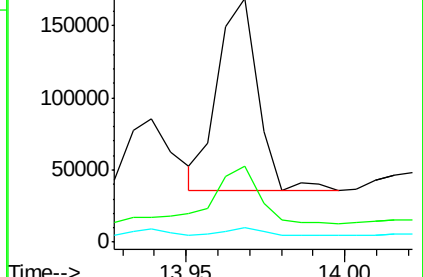
279 6.0 2.7 4.1#

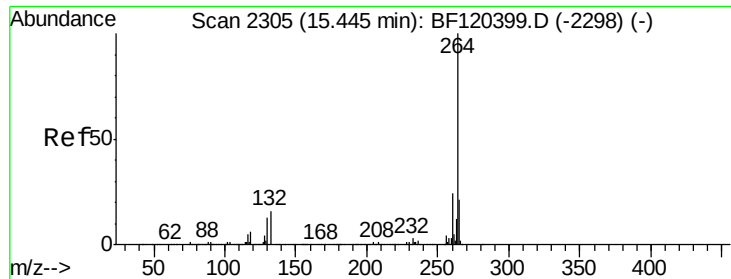


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

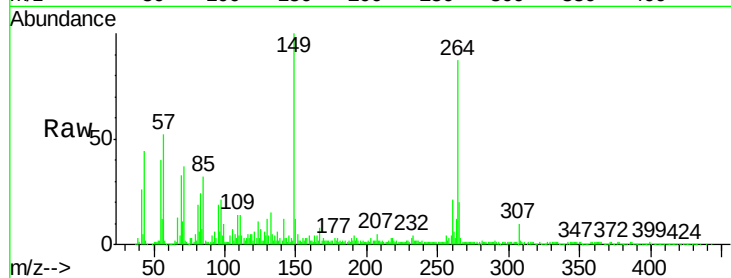




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.02 min
Lab File: BF120564.D
Acq: 5 Jun 2020 17:23

Instrument :
BNA_F
ClientSampleId :
SP-2A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	23.3	17.2	25.8



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

