

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052920\
 Data File : BF120441.D
 Acq On : 29 May 2020 16:11
 Operator : MA/SJ
 Sample : PB129165BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Quant Time: May 29 16:43:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

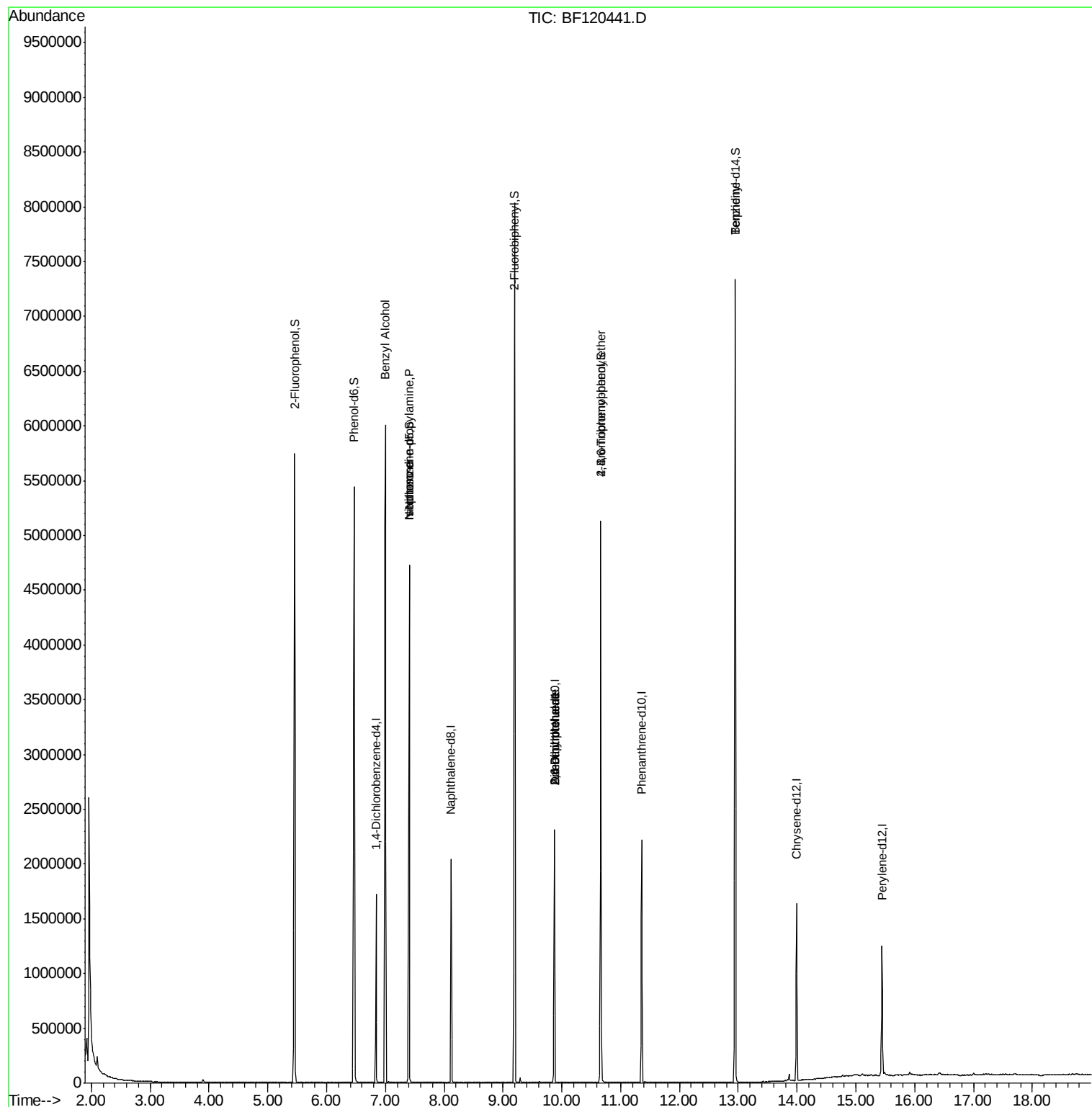
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	256355	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	943104	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	463706	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	768637	20.00	ng	0.00
76) Chrysene-d12	13.99	240	512076	20.00	ng	0.00
86) Perylene-d12	15.44	264	543867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1897528	141.06	ng	0.00
7) Phenol-d6	6.47	99	2612467	157.57	ng	0.00
23) Nitrobenzene-d5	7.40	82	1707985	118.46	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	804825	187.32	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3063041	112.08	ng	0.00
79) Terphenyl-d14	12.95	244	3083115	133.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.00	79	26161	2.093	ng	# 47
19) n-Nitroso-di-n-propylamine	7.40	70	233607	22.165	ng	# 77
25) Isophorone	7.40	82	1701140	58.705	ng	# 64
50) Dimethylphthalate	9.87	163	104821	3.616	ng	# 1
51) 2,6-Dinitrotoluene	9.87	165	58799	9.127	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	58799	7.131	ng	# 22
67) 4-Bromophenyl-phenylether	10.66	248	49201	6.341	ng	# 1
77) Benzidine	12.95	184	40810	3.033	ng	# 94

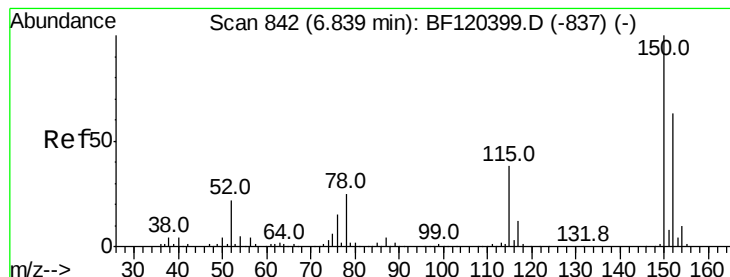
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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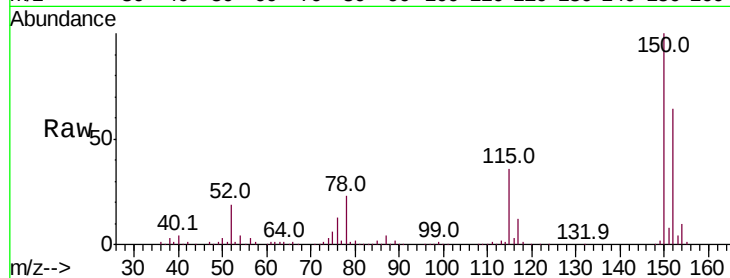


#1

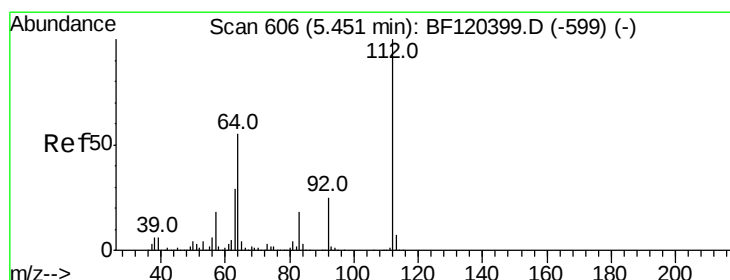
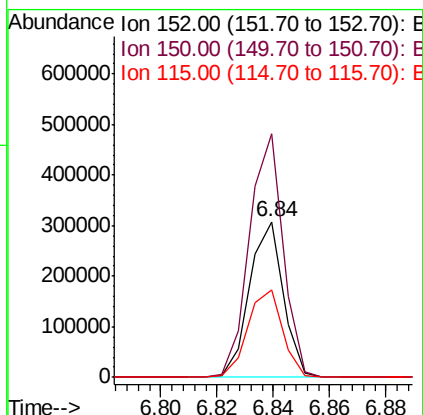
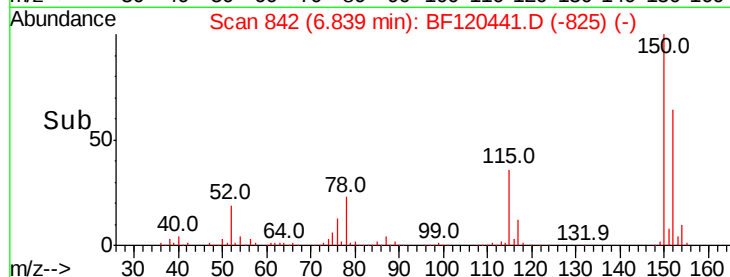
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120441.D
Acq: 29 May 2020 16:11

Instrument :
BNA_F
ClientSampleId :
PB129165BL

Tot Ion:152 Resp: 256355
Ion Ratio Lower Upper
152 100
150 156.4 126.5 189.7
115 56.5 47.6 71.4



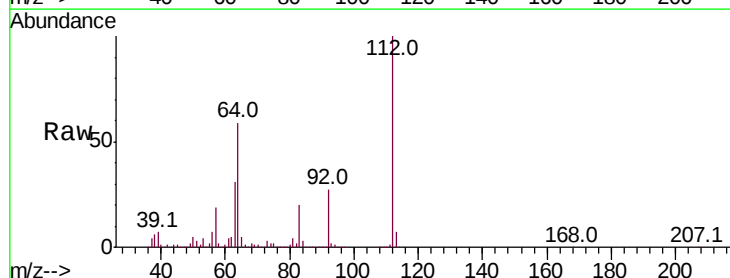
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



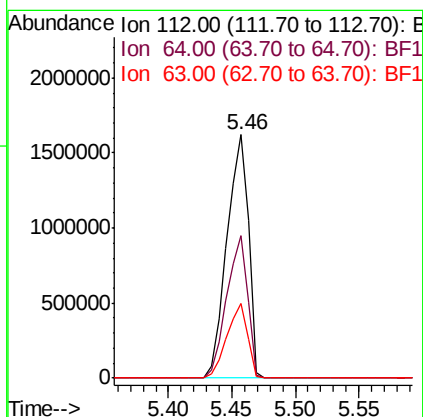
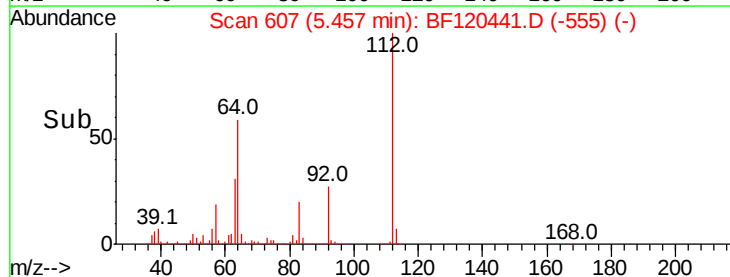
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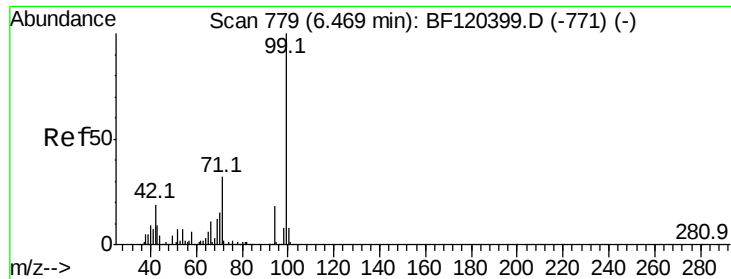
2-Fluorophenol
Concen: 141.063 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120441.D
Acq: 29 May 2020 16:11

Tgt Ion:112 Resp: 1897528
Ion Ratio Lower Upper
112 100
64 58.8 44.3 66.5
63 30.7 22.9 34.3



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: 157.566 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF120441.D

Acq: 29 May 2020 16:11

Instrument :

BNA_F

ClientSampleId :

PB129165BL

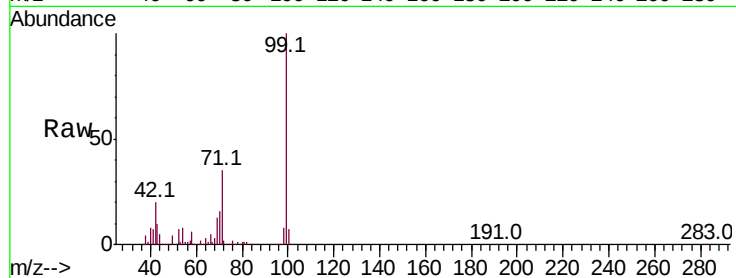
Tot Ion: 99 Resp: 2612467

Ion Ratio Lower Upper

99 100

42 20.1 15.2 22.8

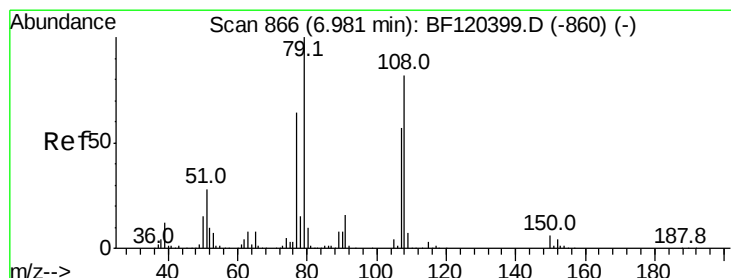
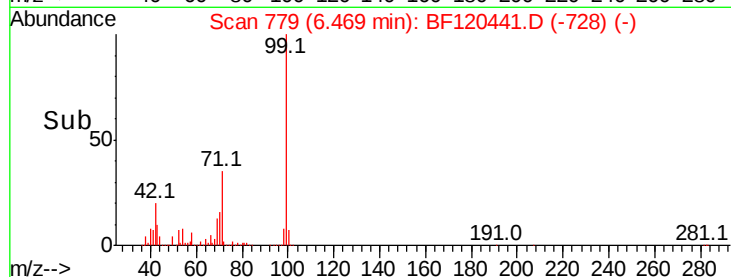
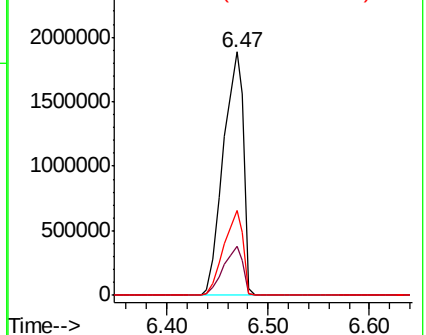
71 34.8 25.6 38.4



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: 2.093 ng

RT: 7.00 min Scan# 869

Delta R.T. 0.02 min

Lab File: BF120441.D

Acq: 29 May 2020 16:11

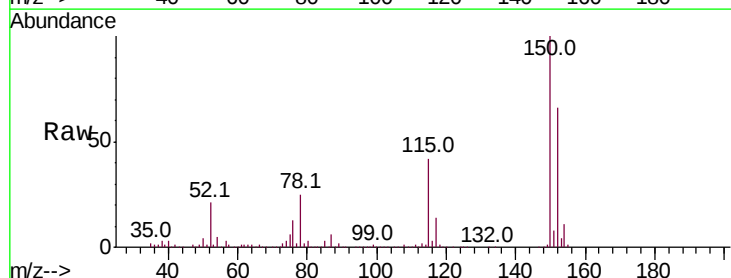
Tgt Ion: 79 Resp: 26161

Ion Ratio Lower Upper

79 100

108 35.7 65.8 98.8#

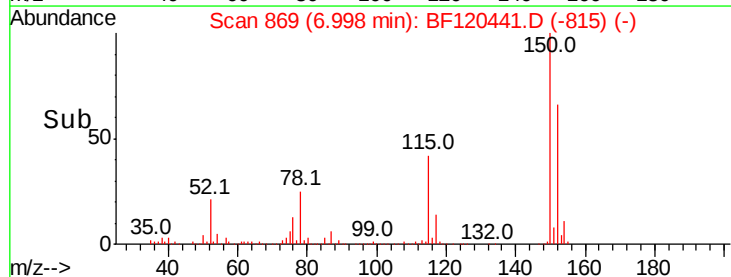
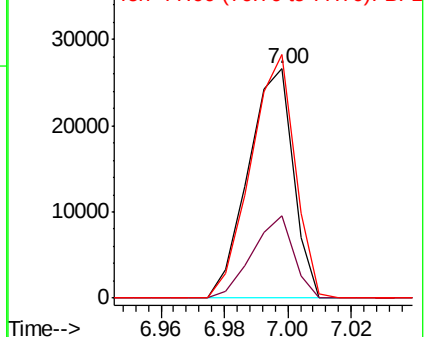
77 106.2 51.5 77.3#

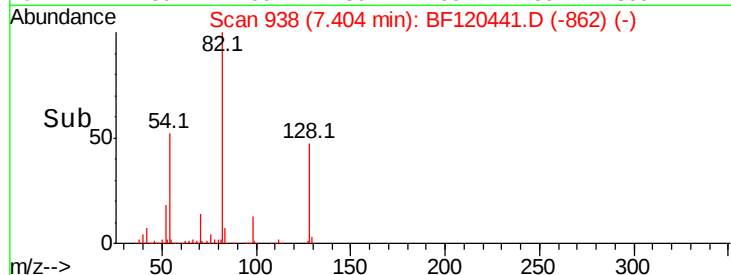
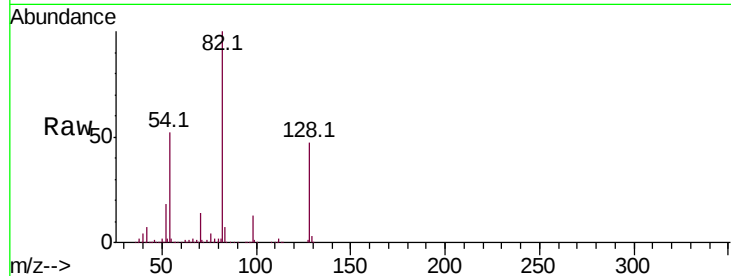
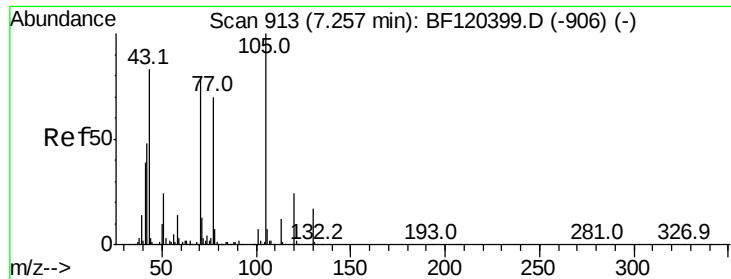


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

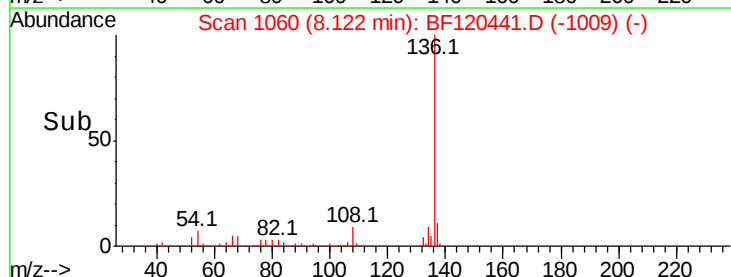
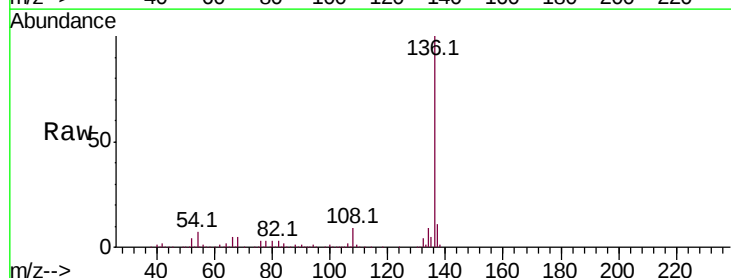
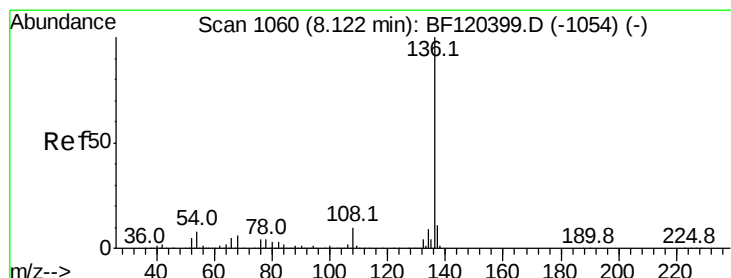
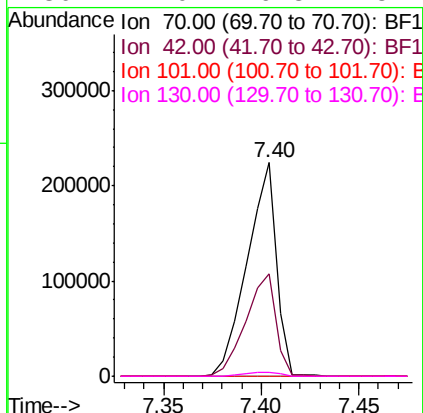




#19
n-Nitroso-di-n-propylamine
Concen: 22.165 ng
RT: 7.40 min Scan# 938
Delta R.T. 0.15 min
Lab File: BF120441.D
Acq: 29 May 2020 16:11

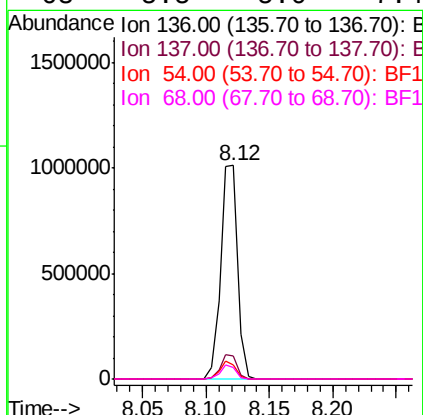
Instrument :
BNA_F
ClientSampleId :
PB129165BL

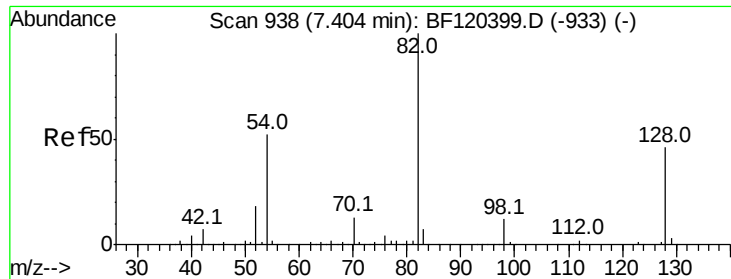
Tot Ion:	70	Resp:	233607
Ion	Ratio	Lower	Upper
70	100		
42	48.1	48.9	73.3#
101	0.0	7.4	11.2#
130	2.0	16.8	25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF120441.D
Acq: 29 May 2020 16:11

Tgt Ion:	136	Resp:	943104
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	6.8	6.7	10.1
68	5.5	5.0	7.4



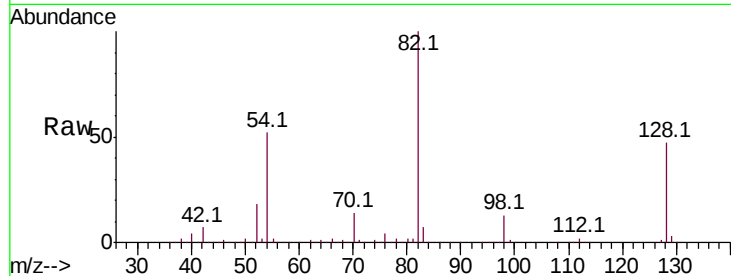


#23
 Nitrobenzene-d5
 Concen: 118.465 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF120441.D
 Acq: 29 May 2020 16:11

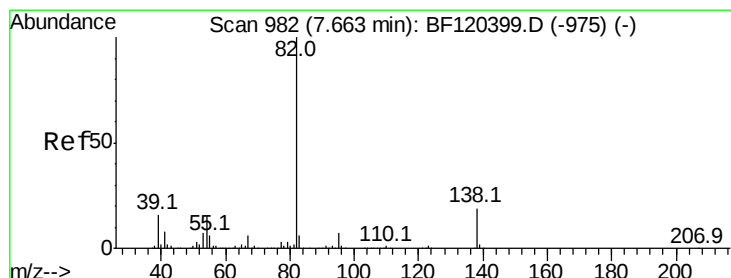
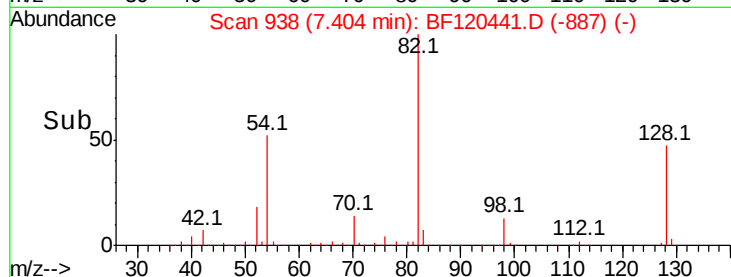
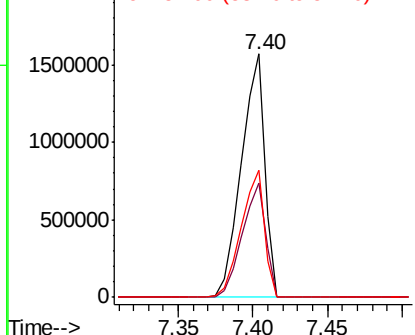
Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Tot Ion: 82 Resp: 1707985

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.8	55.2
54	52.2	41.6	62.4



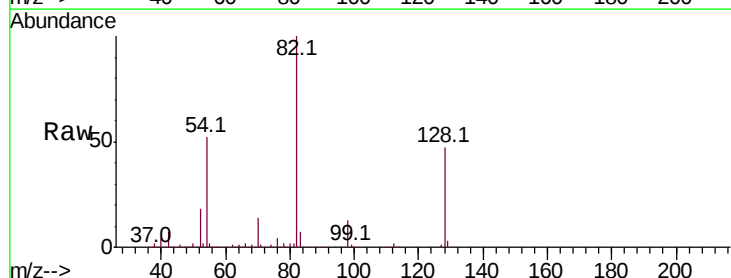
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



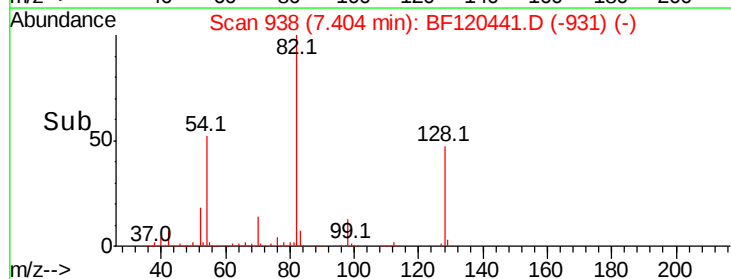
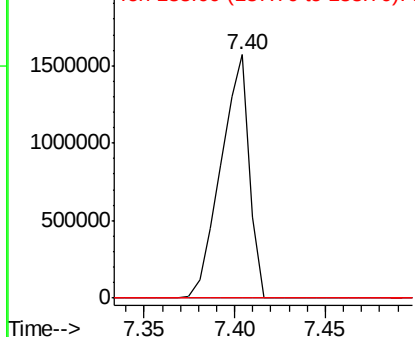
#25
 Isophorone
 Concen: 58.705 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.26 min
 Lab File: BF120441.D
 Acq: 29 May 2020 16:11

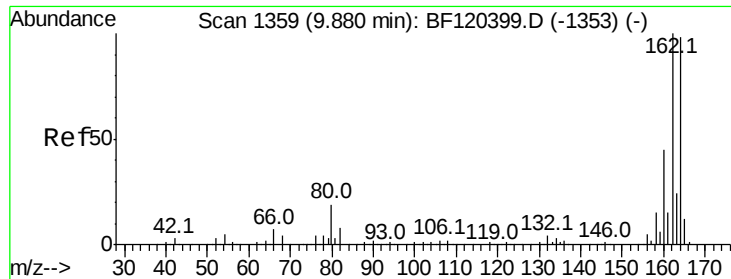
Tgt Ion: 82 Resp: 1701140

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.0	22.4#



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

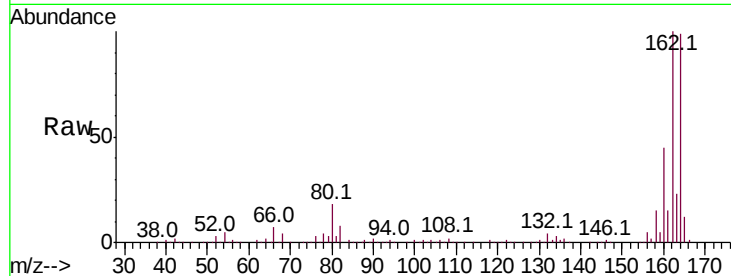




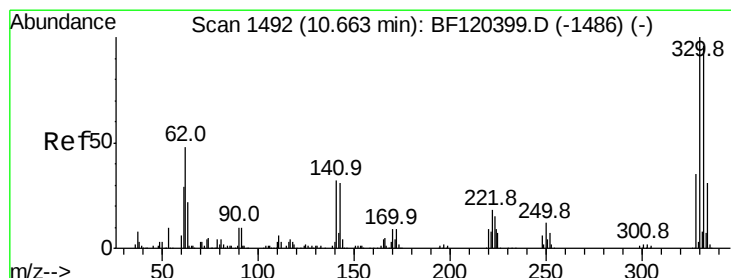
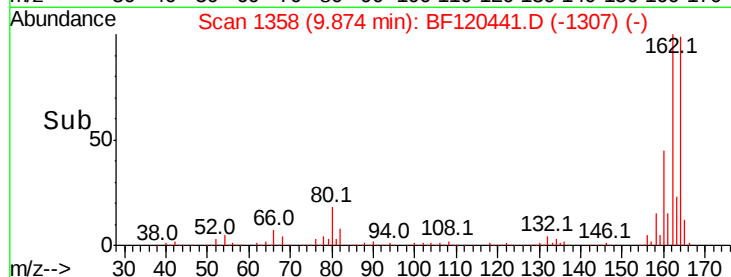
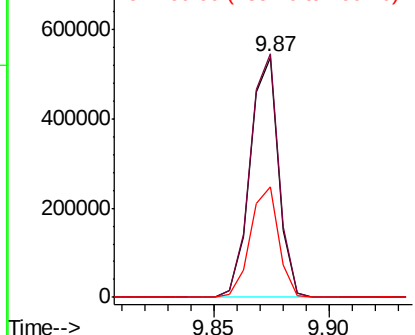
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF120441.D
Acq: 29 May 2020 16:11

Instrument :
BNA_F
ClientSampleId :
PB129165BL

Tot Ion:164 Resp: 463706
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 46.0 36.9 55.3

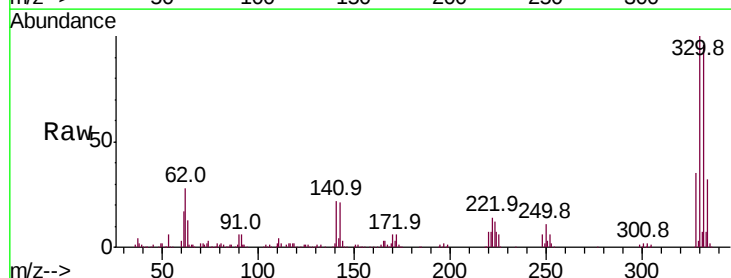


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

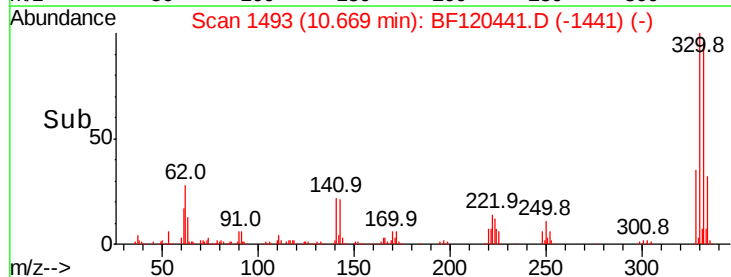
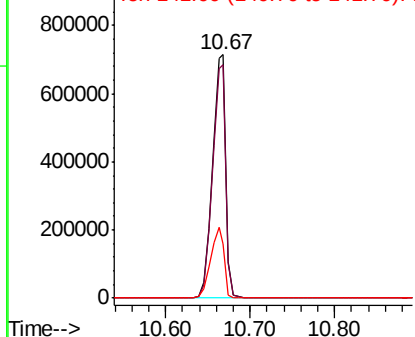


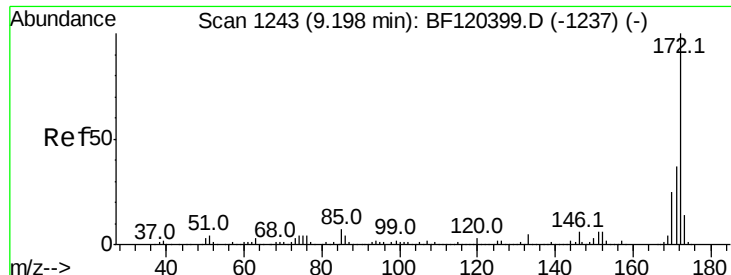
#42
2,4,6-Tribromophenol
Concen: 187.324 ng
RT: 10.67 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF120441.D
Acq: 29 May 2020 16:11

Tgt Ion:330 Resp: 804825
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 29.2 25.3 37.9



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



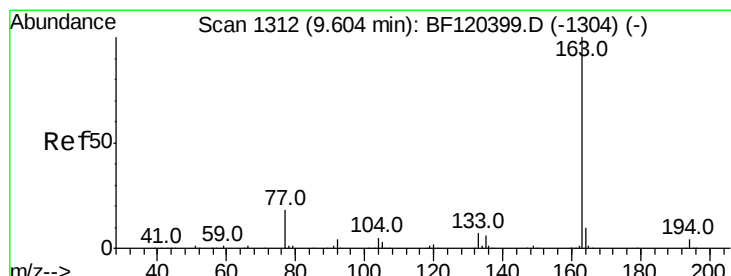
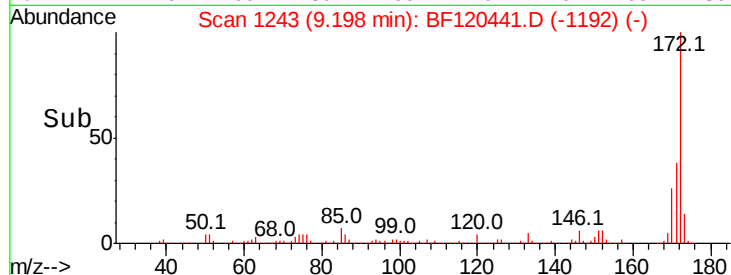
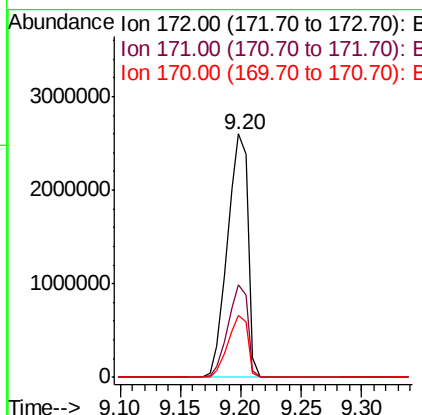
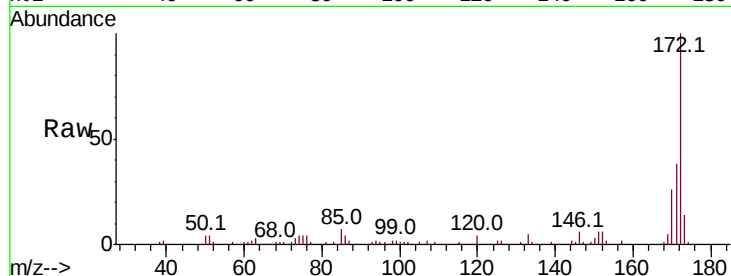


#45
 2-Fluorobiphenyl
 Concen: 112.076 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF120441.D
 Acq: 29 May 2020 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Tot Ion:172 Resp: 3063041

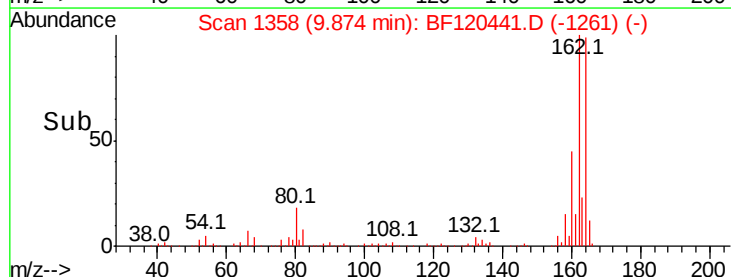
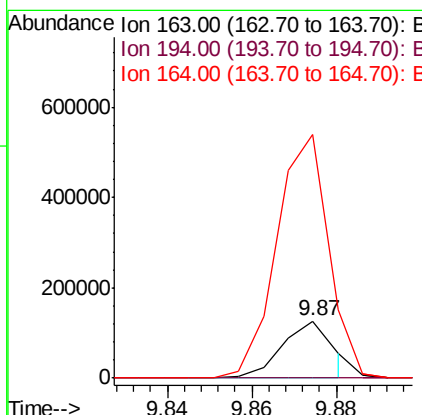
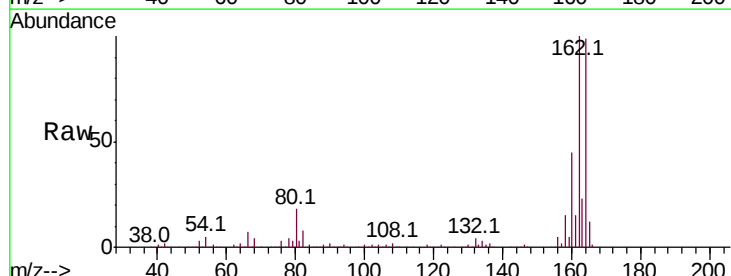
Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	25.6	19.9	29.9

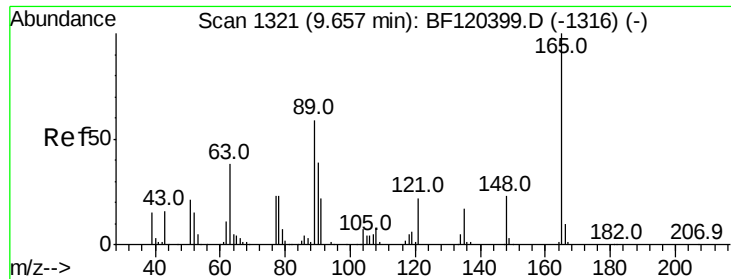


#50
 Dimethylphthalate
 Concen: 3.616 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.27 min
 Lab File: BF120441.D
 Acq: 29 May 2020 16:11

Tgt Ion:163 Resp: 104821

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	425.2	8.3	12.5#

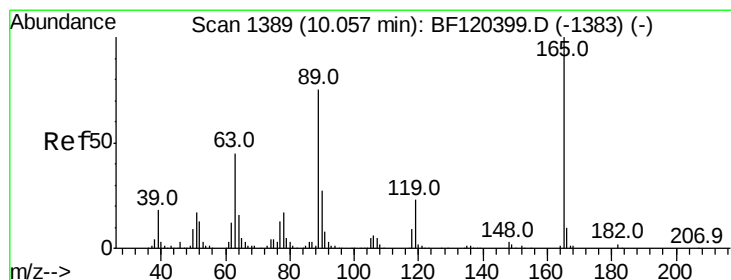
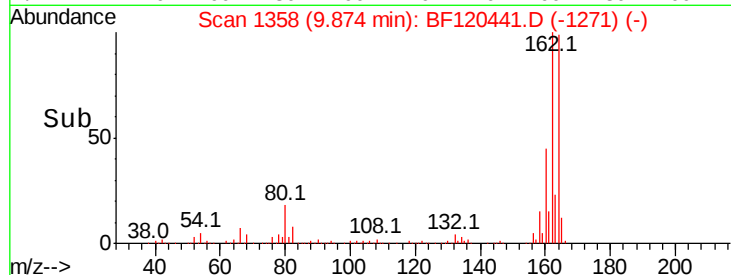
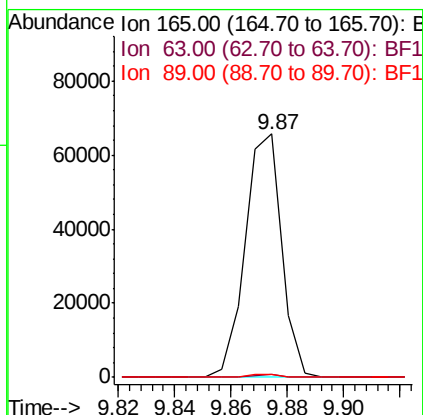
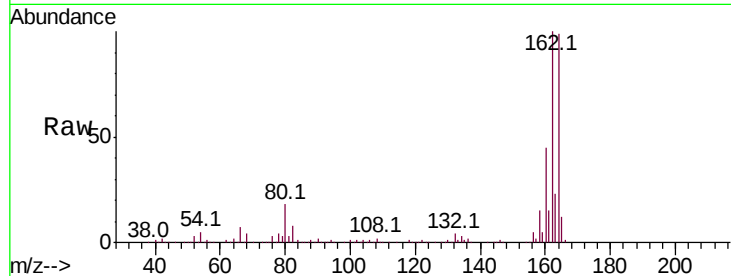




#51
 2,6-Dinitrotoluene
 Concen: 9.127 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.21 min
 Lab File: BF120441.D
 Acq: 29 May 2020 16:11

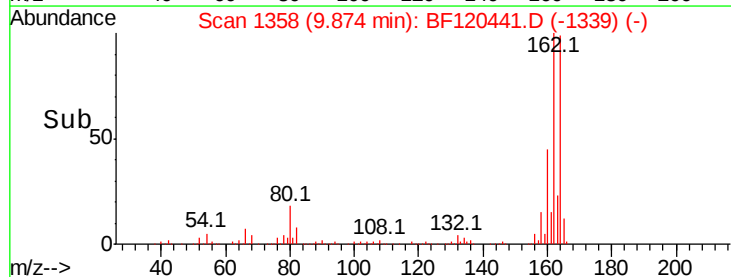
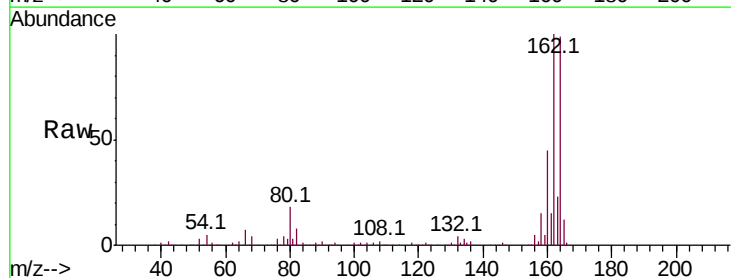
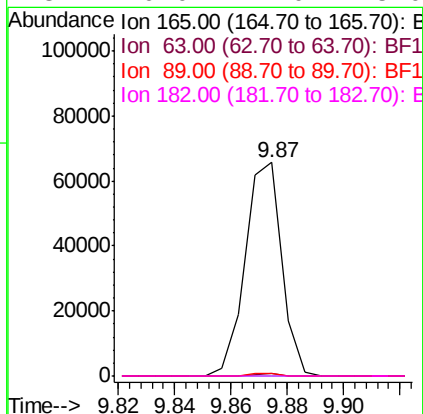
Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

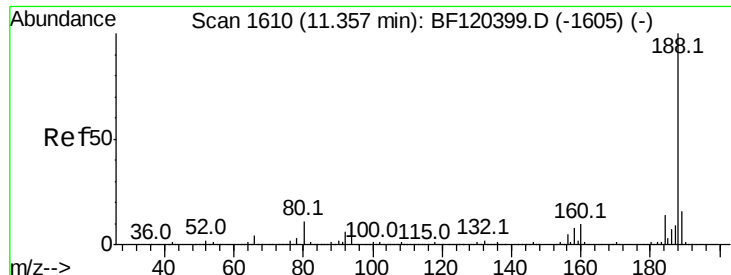
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	46.9	70.3#
89	1.2	47.5	71.3#



#57
 2,4-Dinitrotoluene
 Concen: 7.131 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.19 min
 Lab File: BF120441.D
 Acq: 29 May 2020 16:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.9	53.9#
89	1.2	60.0	90.0#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF120441.D

Acq: 29 May 2020 16:11

Instrument :

BNA_F

ClientSampleId :

PB129165BL

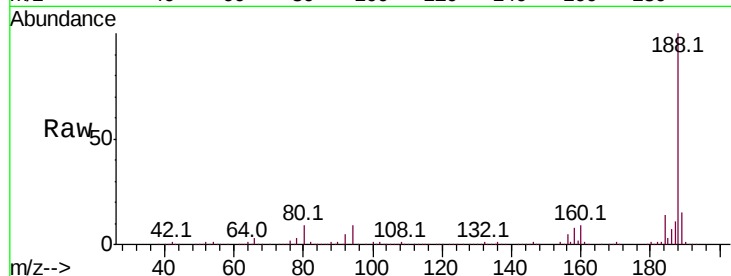
Tot Ion:188 Resp: 768637

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

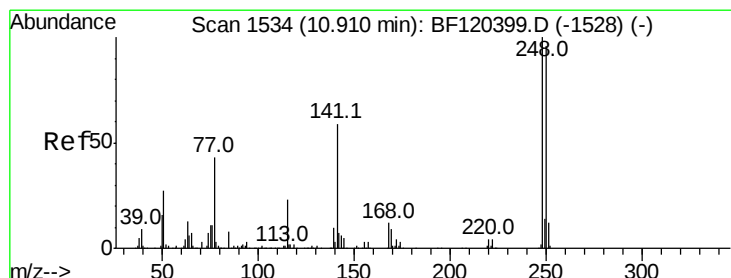
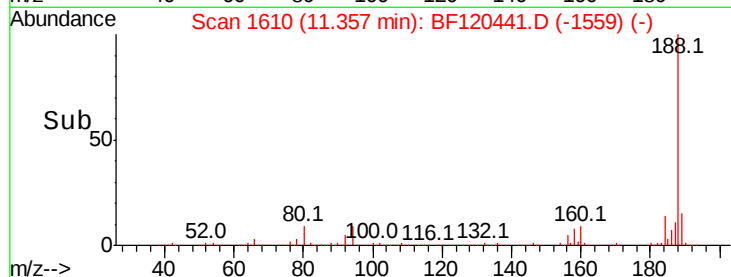
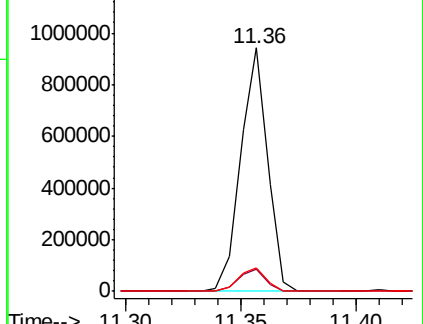
80 9.5 8.6 13.0



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



#67

4-Bromophenyl-phenylether

Concen: 6.341 ng

RT: 10.66 min Scan# 1492

Delta R.T. -0.25 min

Lab File: BF120441.D

Acq: 29 May 2020 16:11

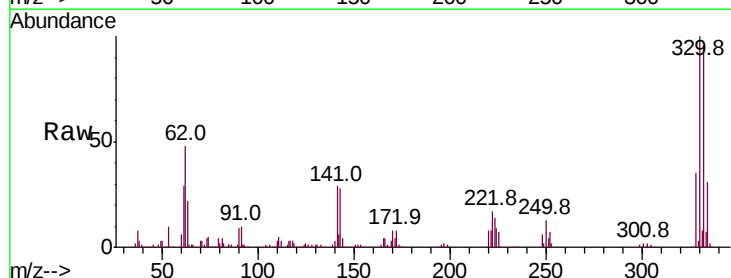
Tgt Ion:248 Resp: 49201

Ion Ratio Lower Upper

248 100

250 201.8 76.5 114.7#

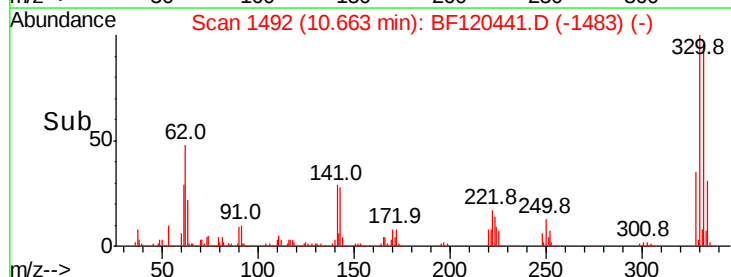
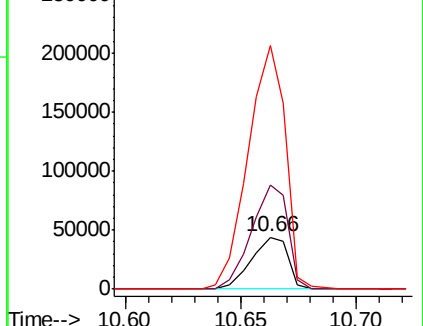
141 471.8 47.2 70.8#

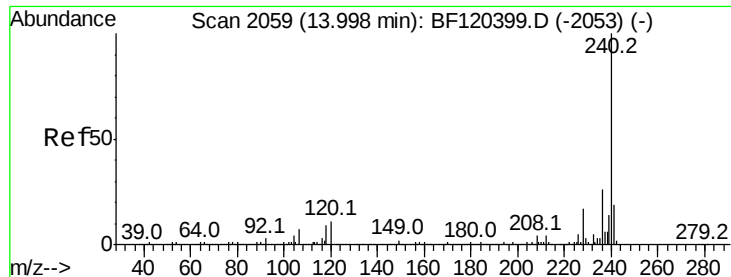


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120441.D

Acq: 29 May 2020 16:11

Instrument :

BNA_F

ClientSampleId :

PB129165BL

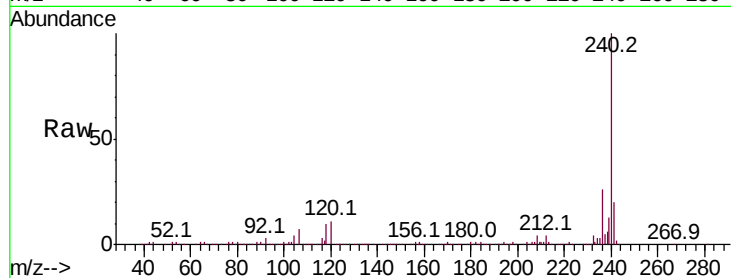
Tot Ion:240 Resp: 512076

Ion Ratio Lower Upper

240 100

120 11.3 8.8 13.2

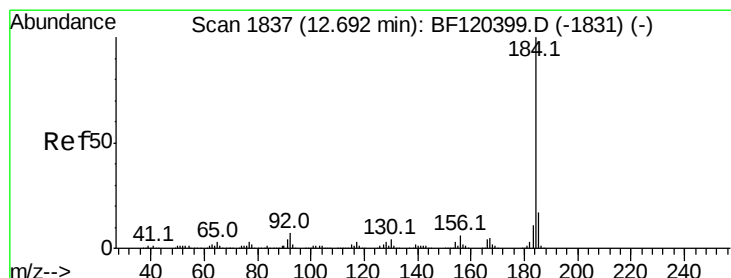
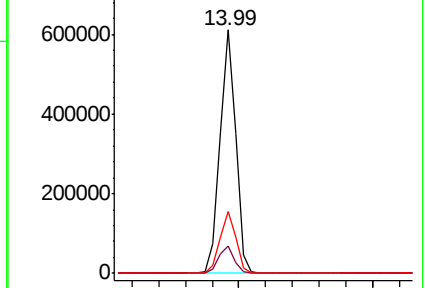
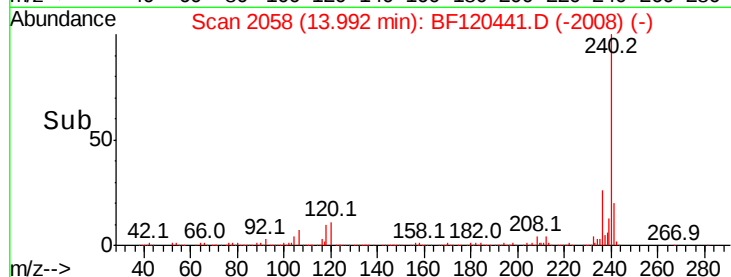
236 25.7 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 3.033 ng

RT: 12.95 min Scan# 1881

Delta R.T. 0.26 min

Lab File: BF120441.D

Acq: 29 May 2020 16:11

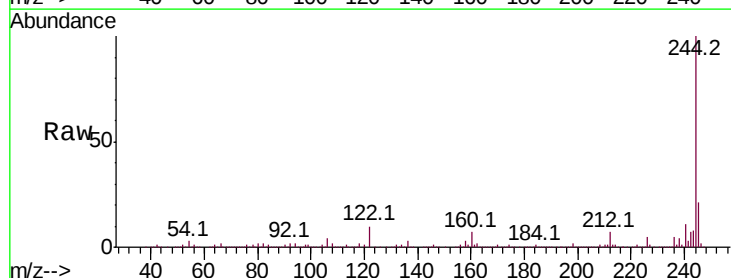
Tgt Ion:184 Resp: 40810

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.0

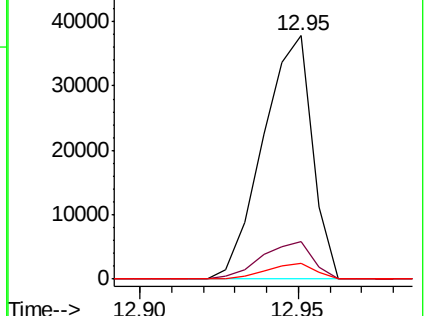
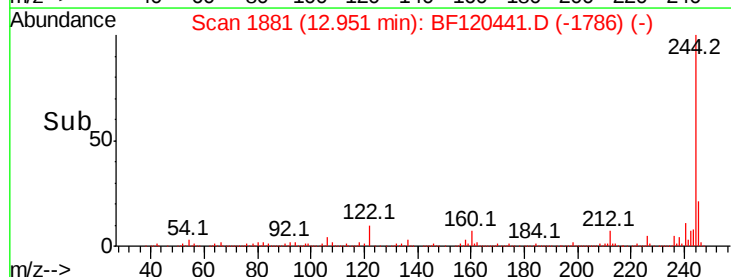
183 6.3 8.6 12.8#

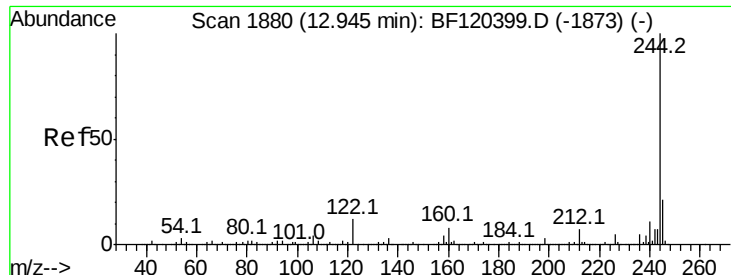


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 133.977 ng

RT: 12.95 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BF120441.D

Acq: 29 May 2020 16:11

Instrument :

BNA_F

ClientSampleId :

PB129165BL

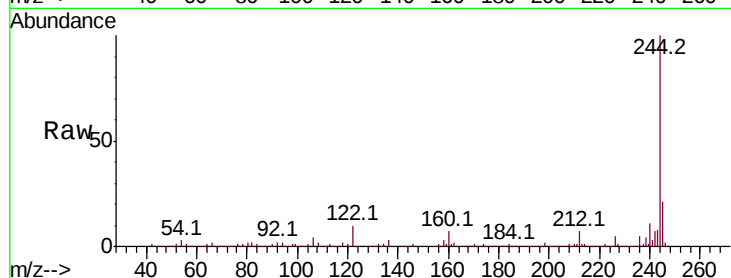
Tot Ion:244 Resp: 3083115

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

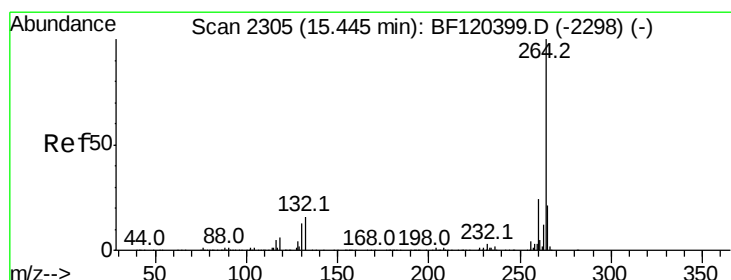
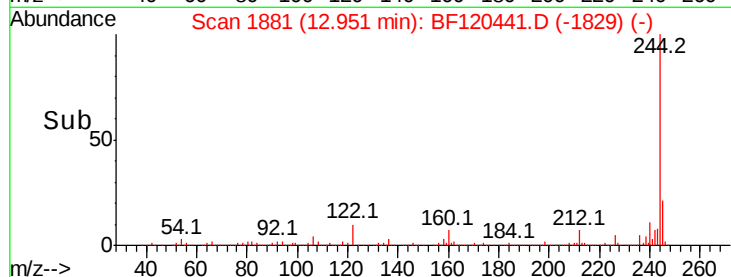
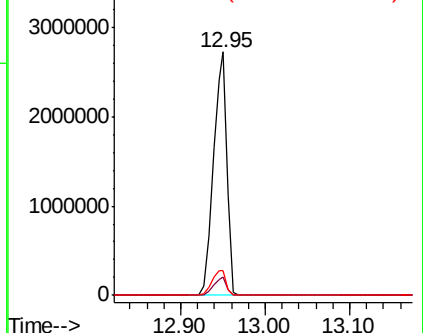
122 10.3 9.2 13.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BF120441.D

Acq: 29 May 2020 16:11

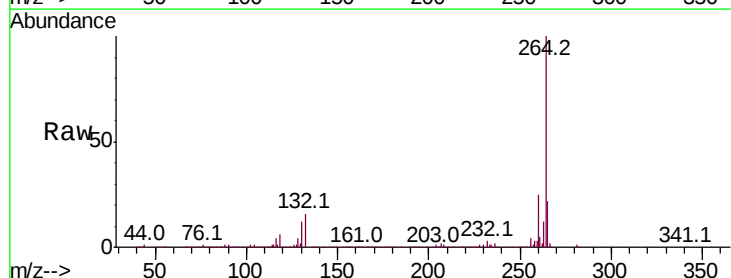
Tgt Ion:264 Resp: 543867

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.0 16.9 25.3



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

