

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120167.D
 Acq On : 23 Apr 2020 16:57
 Operator : MA/SJ
 Sample : L2330-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-3

Quant Time: Apr 23 17:41:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

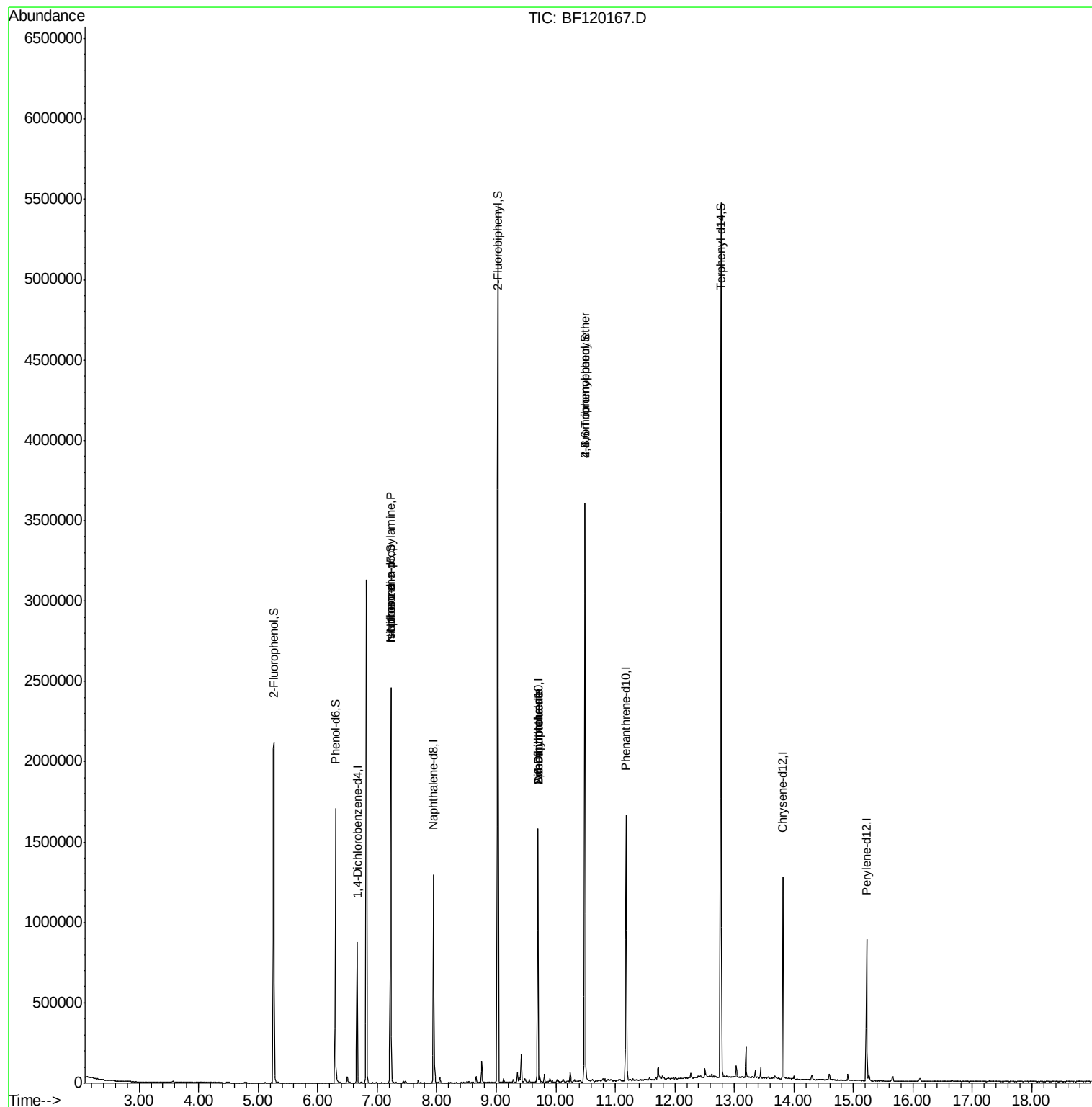
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	134983	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	532329	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	290035	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	561429	20.00	ng	0.00
76) Chrysene-d12	13.82	240	437315	20.00	ng	-0.01
87) Perylene-d12	15.22	264	372525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	584530	74.84	ng	0.00
7) Phenol-d6	6.30	99	501940	49.87	ng	-0.01
23) Nitrobenzene-d5	7.23	82	855218	83.11	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	444578	125.20	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1688958	82.68	ng	0.00
79) Terphenyl-d14	12.78	244	2269048	87.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	683	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	110923	17.139 ng	#	1
25) Isophorone	7.23	82	850490	42.877 ng	#	75
50) Dimethylphthalate	9.70	163	65580	2.923 ng	#	65
51) 2,6-Dinitrotoluene	9.70	165	36868	7.505 ng	#	1
57) 2,4-Dinitrotoluene	9.70	165	36868	5.696 ng	#	27
67) 4-Bromophenyl-phenylether	10.49	248	27487	3.937 ng	#	20
					#	1

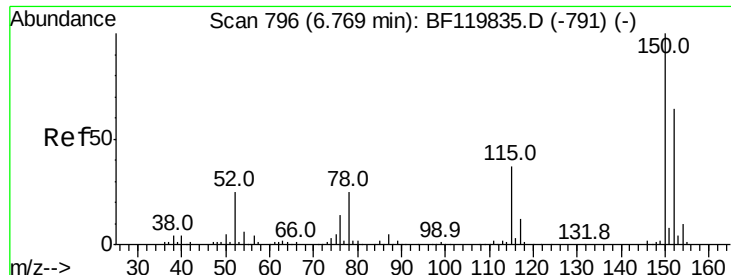
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
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Operator : MA/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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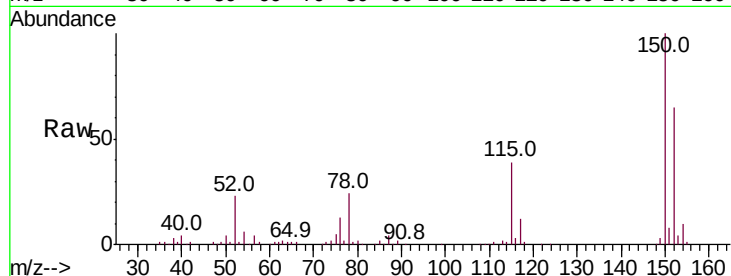


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120167.D
Acq: 23 Apr 2020 16:57

Instrument :
BNA_F
ClientSampleId :
PA-TWP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.5	186.7
115	60.3	49.6	74.4

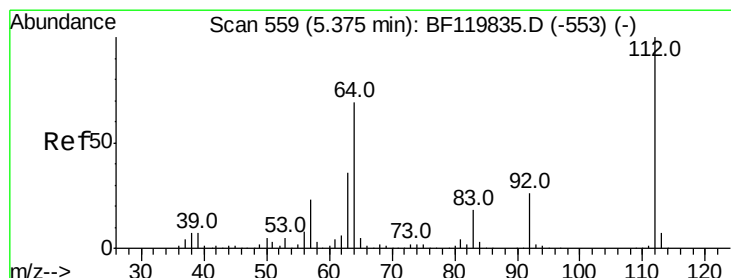
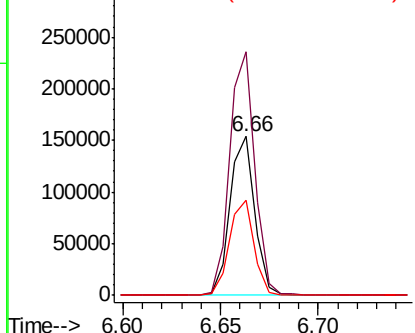
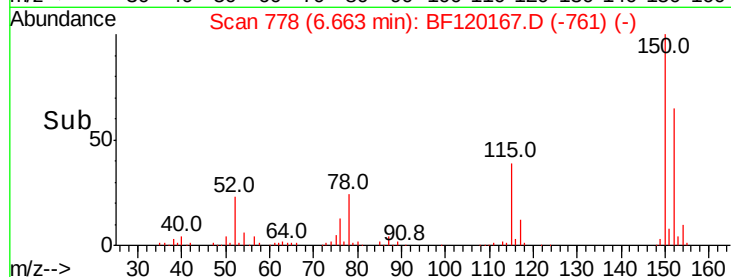


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

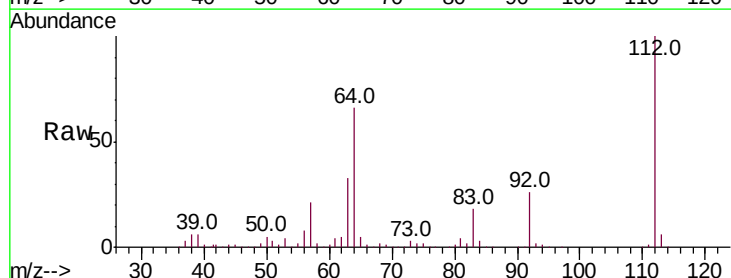
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.837 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF120167.D
Acq: 23 Apr 2020 16:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.7	85.1
63	32.9	29.5	44.3

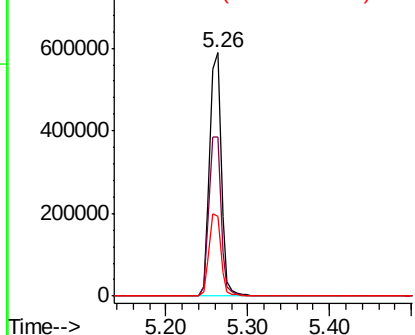
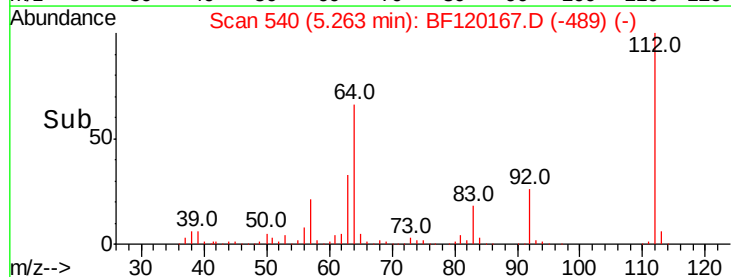


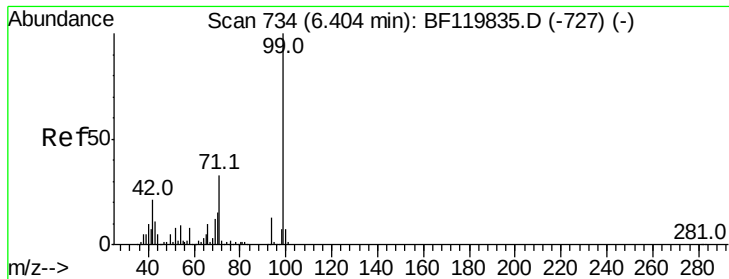
Abundance

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: 49.873 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120167.D

Acq: 23 Apr 2020 16:57

Instrument :

BNA_F

ClientSampleId :

PA-TWP-3

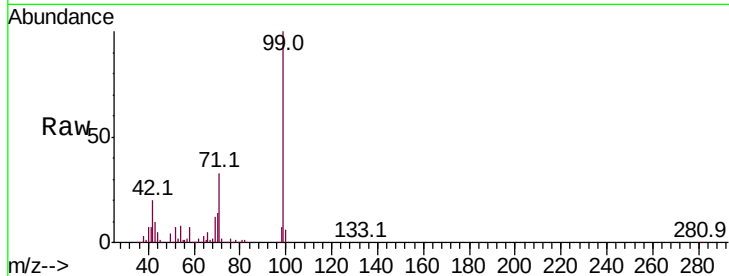
Tot Ion: 99 Resp: 501940

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

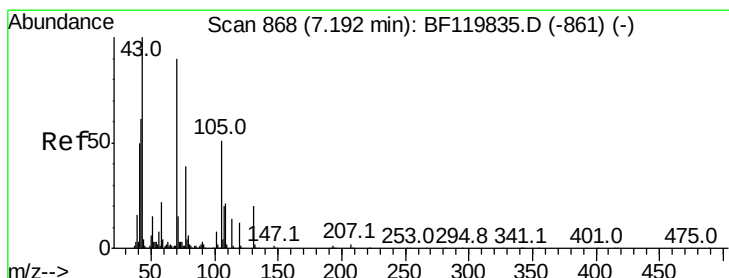
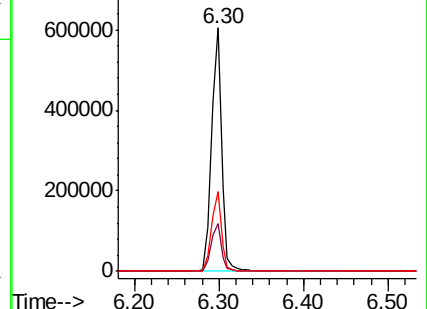
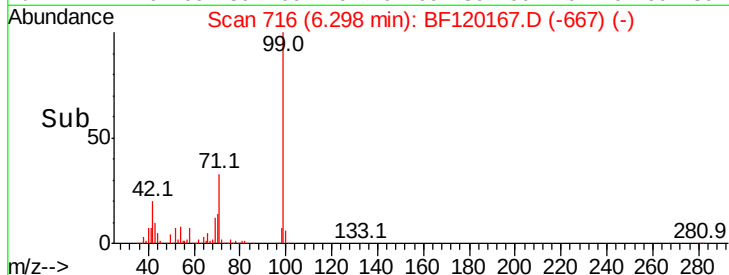
71 32.7 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.139 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120167.D

Acq: 23 Apr 2020 16:57

Tgt Ion: 70 Resp: 110923

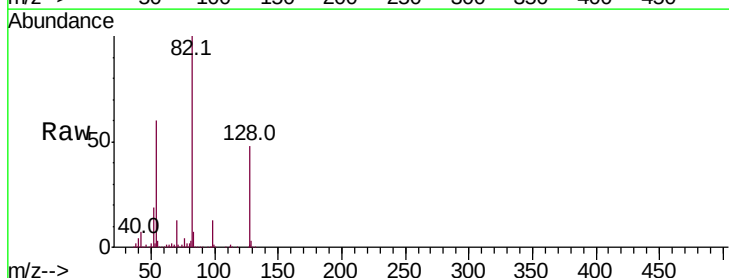
Ion Ratio Lower Upper

70 100

42 52.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.0 17.6 26.4#

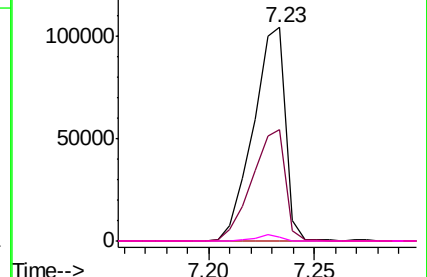
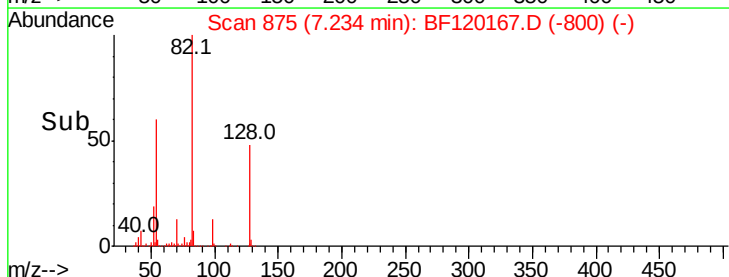


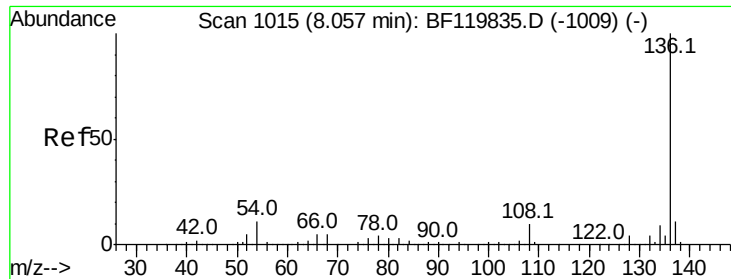
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

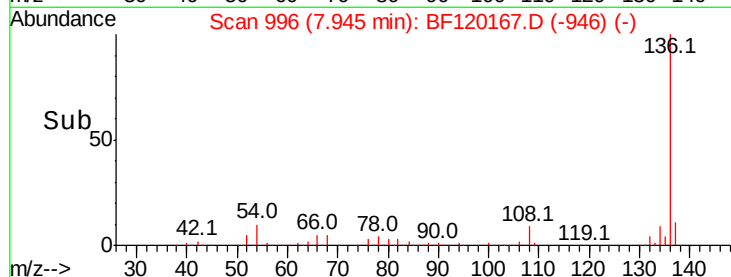
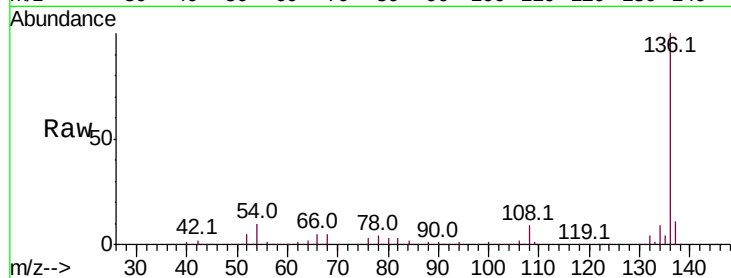




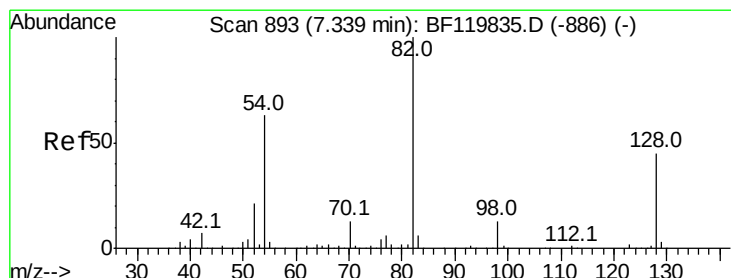
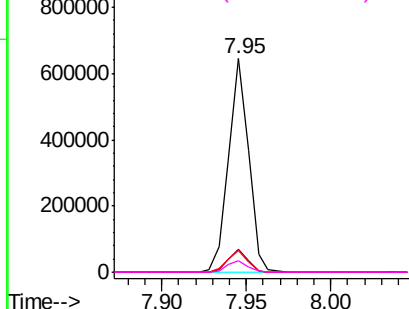
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120167.D
Acq: 23 Apr 2020 16:57

Instrument :
BNA_F
ClientSampleId :
PA-TWP-3

Tot Ion:136	Resp:	532329
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 10.4	9.1	13.7
68 5.3	4.6	6.8

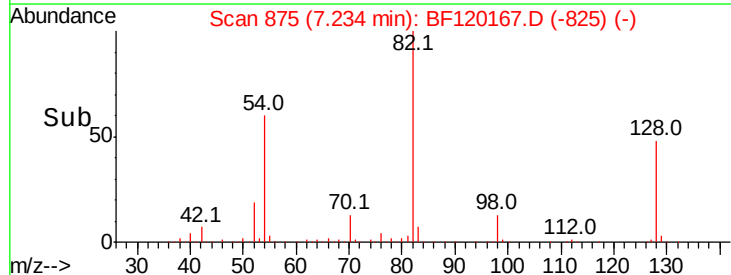
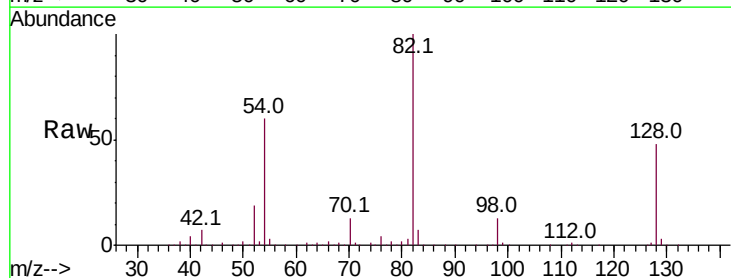


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

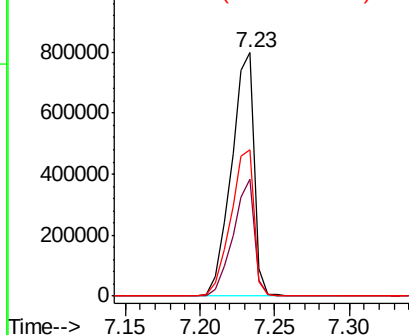


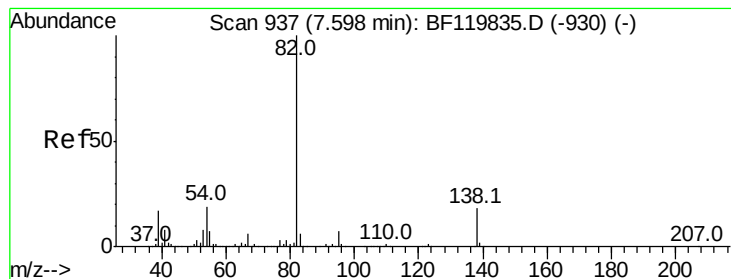
#23
Nitrobenzene-d5
Concen: 83.113 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120167.D
Acq: 23 Apr 2020 16:57

Tgt	Ion: 82	Resp:	855218
Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.3	54.5
54	60.3	50.6	75.8



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





#25

Isophorone

Concen: 42.877 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120167.D

Acq: 23 Apr 2020 16:57

Instrument :

BNA_F

ClientSampleId :

PA-TWP-3

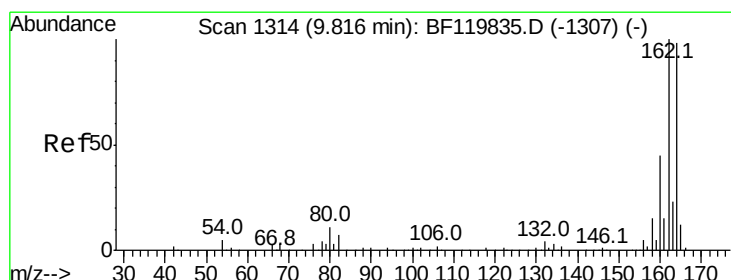
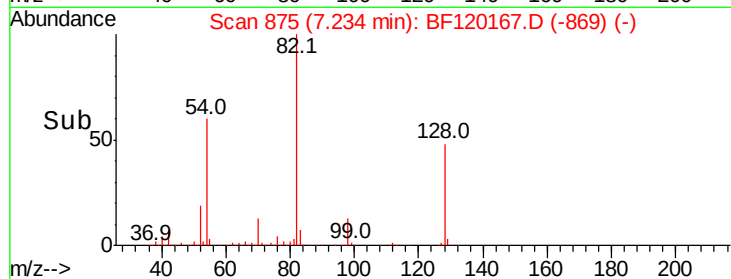
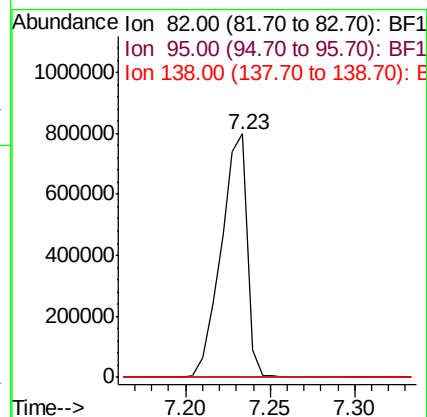
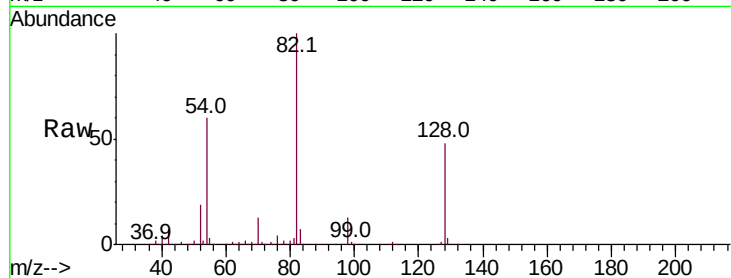
Tot Ion: 82 Resp: 850490

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120167.D

Acq: 23 Apr 2020 16:57

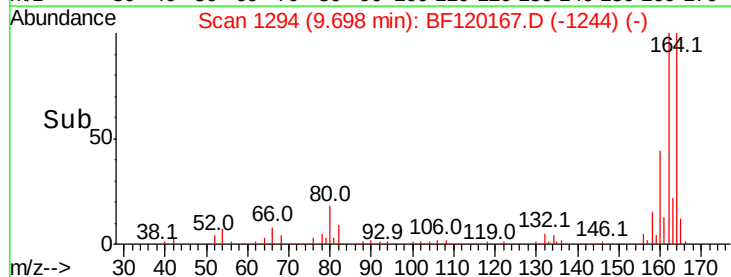
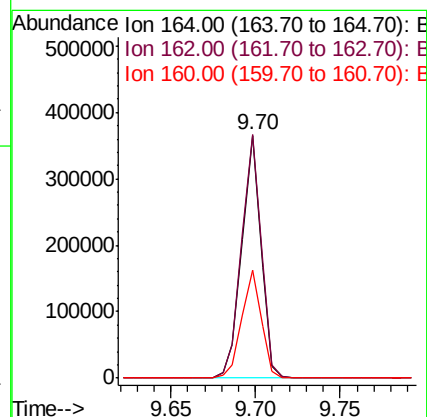
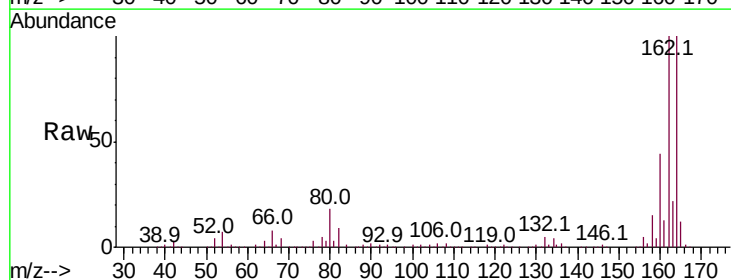
Tgt Ion:164 Resp: 290035

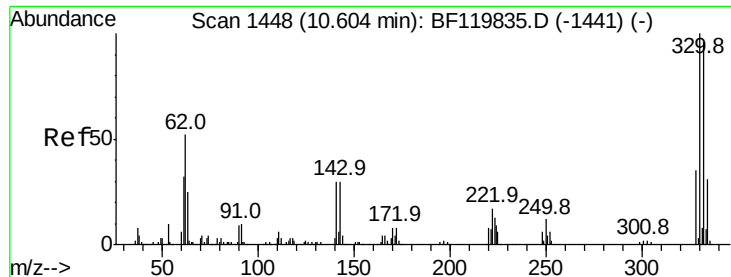
Ion Ratio Lower Upper

164 100

162 100.2 80.6 121.0

160 44.4 35.7 53.5

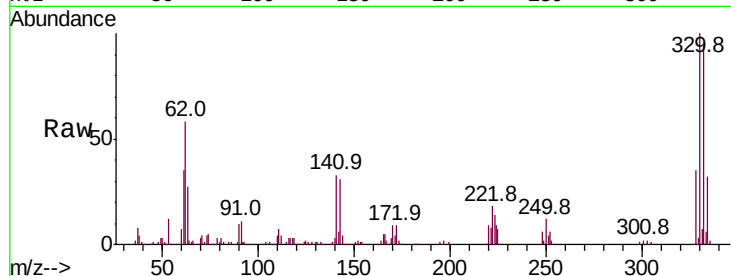




#42
 2,4,6-Tribromophenol
 Concen: 125.198 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF120167.D
 Acq: 23 Apr 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.7	113.5
141	34.9	25.4	38.0

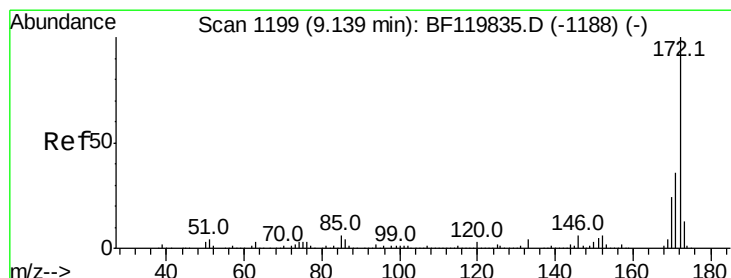
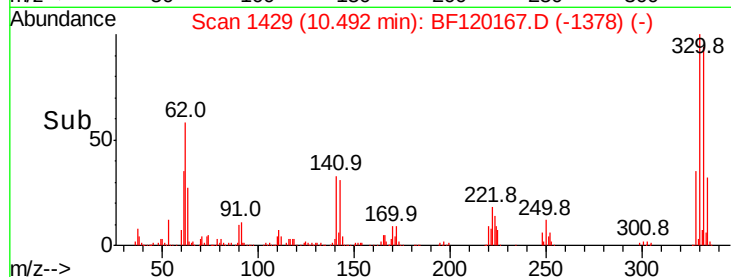
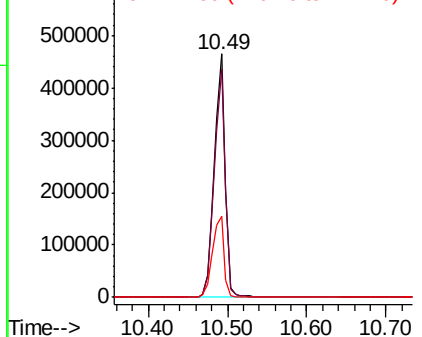


Abundance

Ion 329.80 (329.50 to 330.50): E

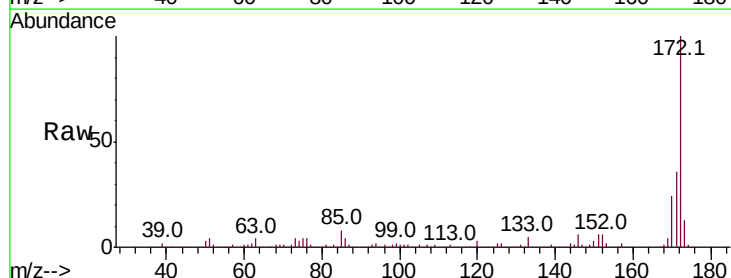
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.678 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120167.D
 Acq: 23 Apr 2020 16:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.2	20.2	30.2

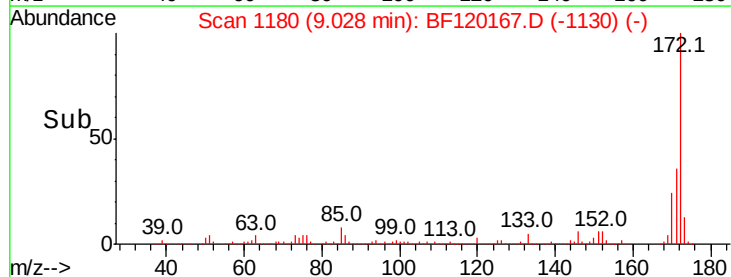
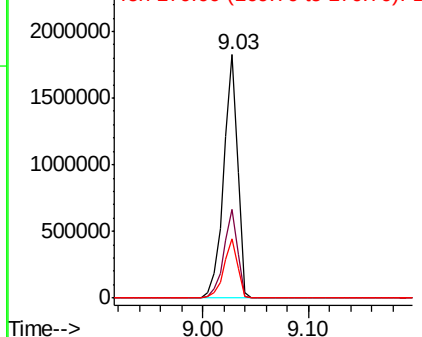


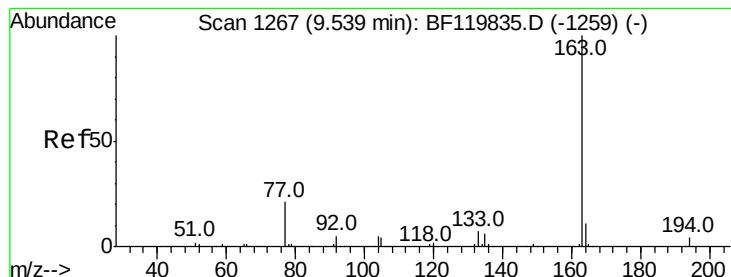
Abundance

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





#50

Dimethylphthalate

Concen: 2.923 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.26 min

Lab File: BF120167.D

Acq: 23 Apr 2020 16:57

Instrument :

BNA_F

ClientSampleId :

PA-TWP-3

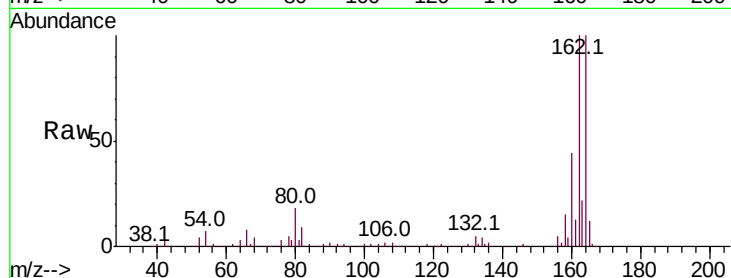
Tot Ion:163 Resp: 65580

Ion Ratio Lower Upper

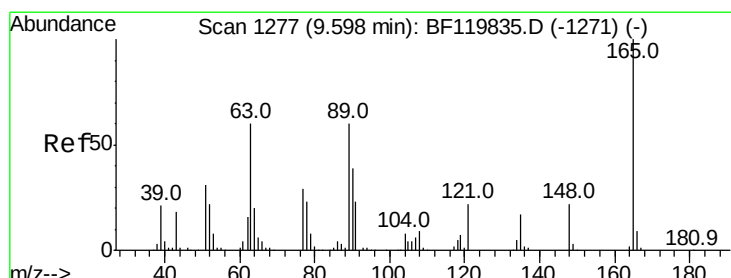
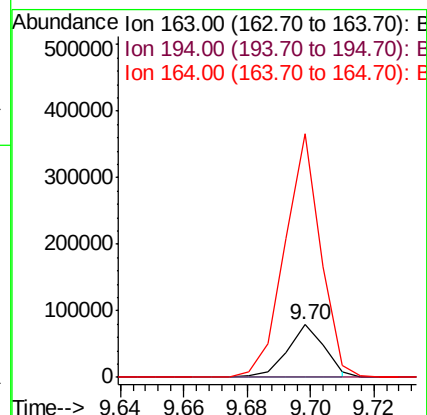
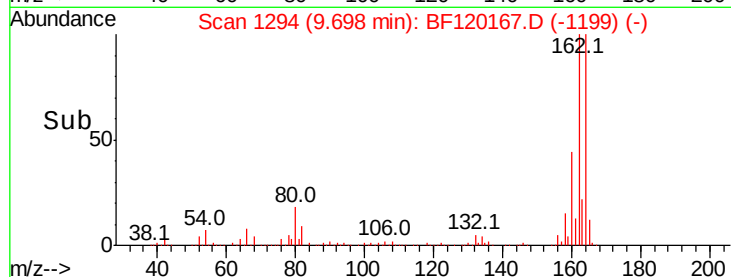
163 100

194 0.0 3.1 4.7#

164 462.2 8.2 12.2#



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: 7.505 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.20 min

Lab File: BF120167.D

Acq: 23 Apr 2020 16:57

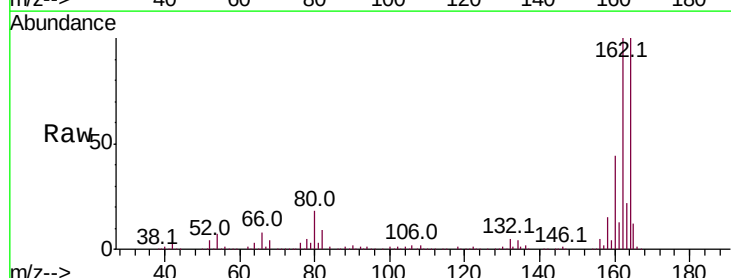
Tgt Ion:165 Resp: 36868

Ion Ratio Lower Upper

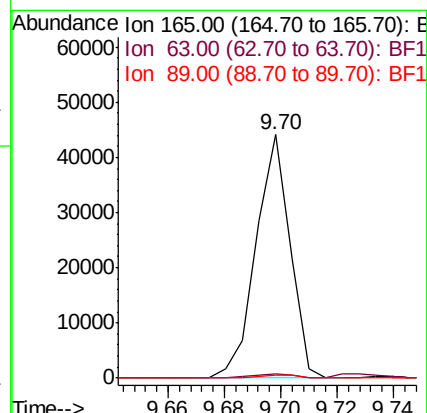
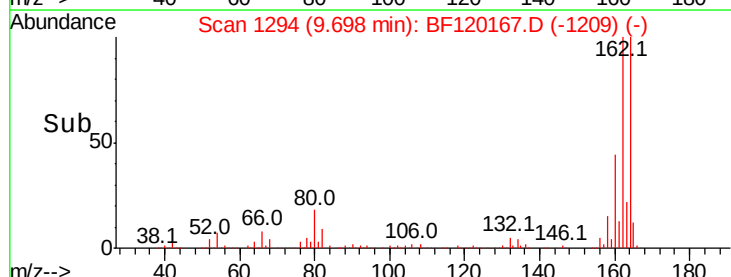
165 100

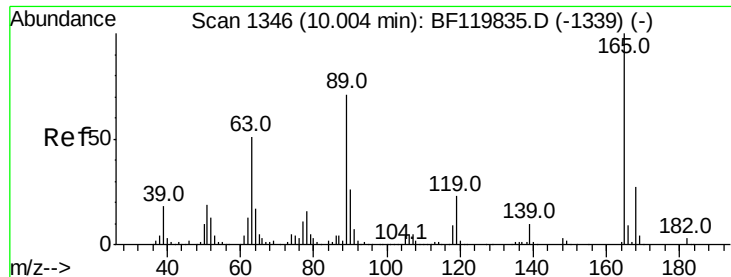
63 1.8 45.0 67.4#

89 1.3 41.5 62.3#



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

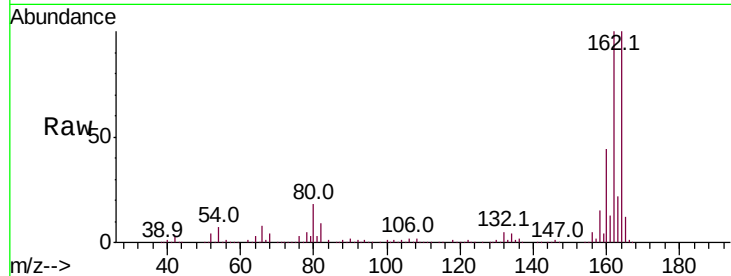




#57
 2,4-Dinitrotoluene
 Concen: 5.696 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120167.D
 Acq: 23 Apr 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-3

Tot Ion:165	Resp:	36868
Ion Ratio	Lower	Upper
165	100	
63	1.8	42.6 64.0#
89	1.3	61.0 91.4#
182	0.0	2.2 3.2#

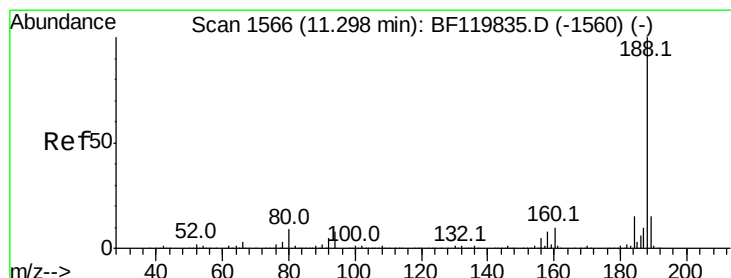
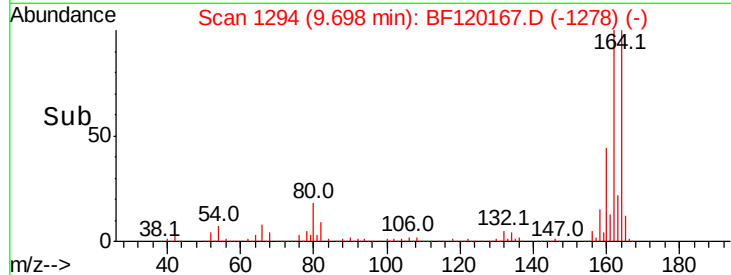
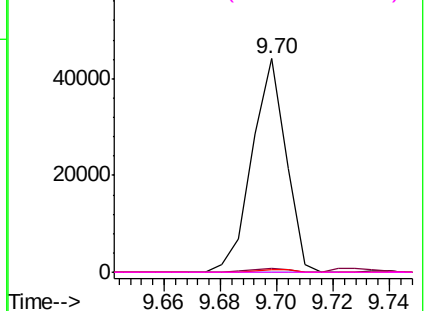


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

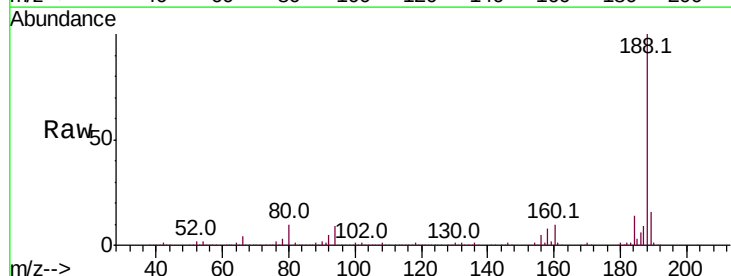
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120167.D
 Acq: 23 Apr 2020 16:57

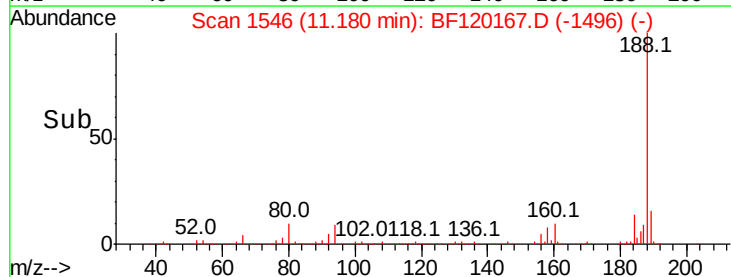
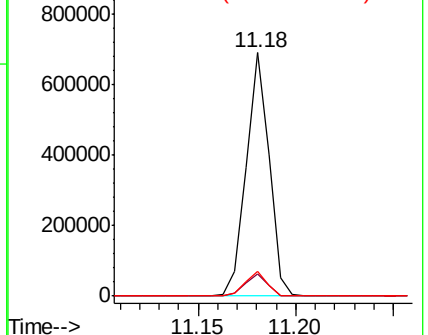
Tgt Ion:188	Resp:	561429
Ion Ratio	Lower	Upper
188	100	
94	9.3	7.5 11.3
80	10.2	9.0 13.4

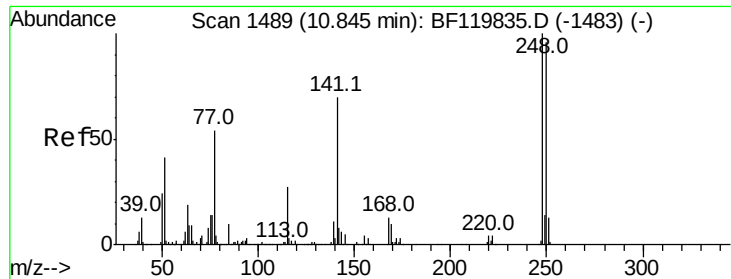


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

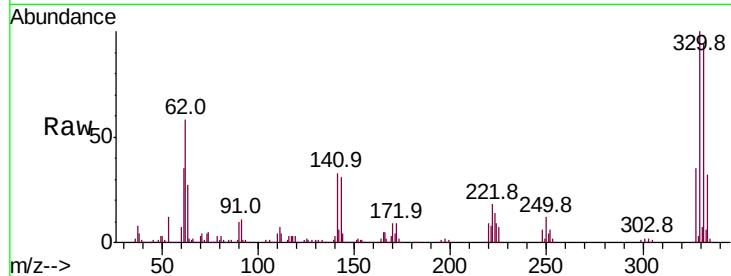




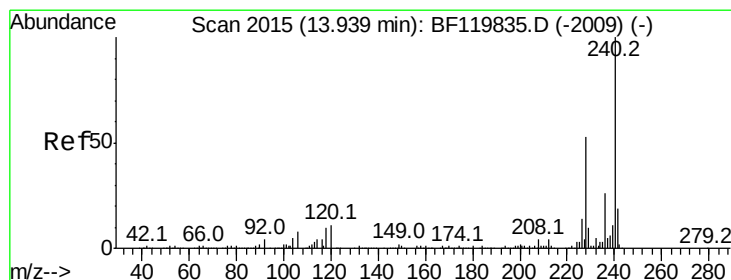
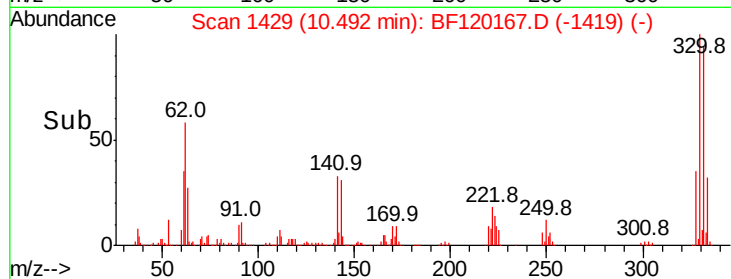
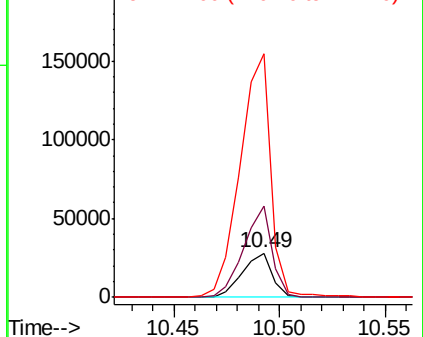
#67
 4-Bromophenyl-phenylether
 Concen: 3.937 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.24 min
 Lab File: BF120167.D
 Acq: 23 Apr 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-3

Tot Ion:248 Resp: 27487
 Ion Ratio Lower Upper
 248 100
 250 205.5 77.3 115.9#
 141 548.0 58.6 87.8#

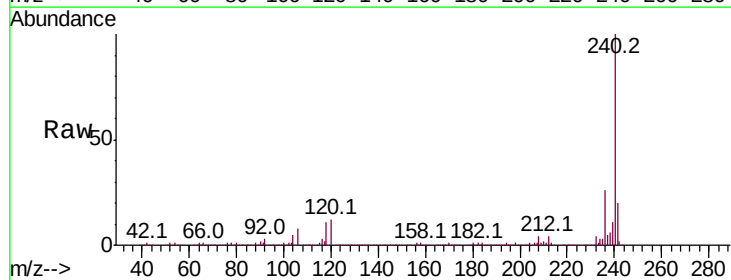


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

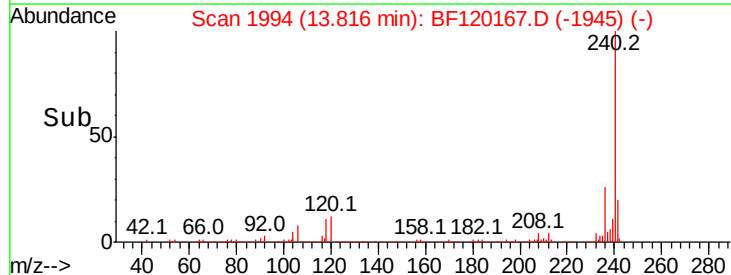
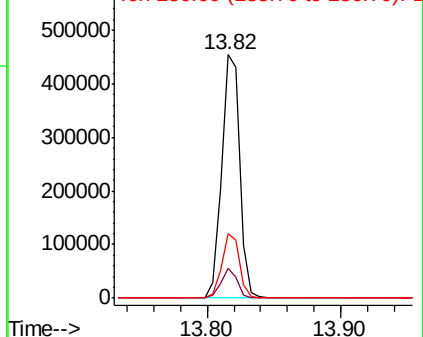


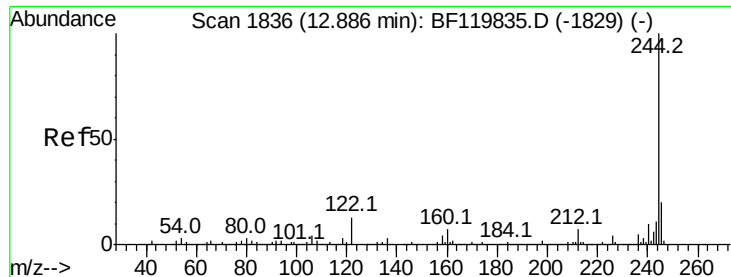
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120167.D
 Acq: 23 Apr 2020 16:57

Tgt Ion:240 Resp: 437315
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.6 15.8
 236 26.5 20.2 30.2



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





#79

Terphenyl-d14

Concen: 87.306 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120167.D

Acq: 23 Apr 2020 16:57

Instrument :

BNA_F

ClientSampleId :

PA-TWP-3

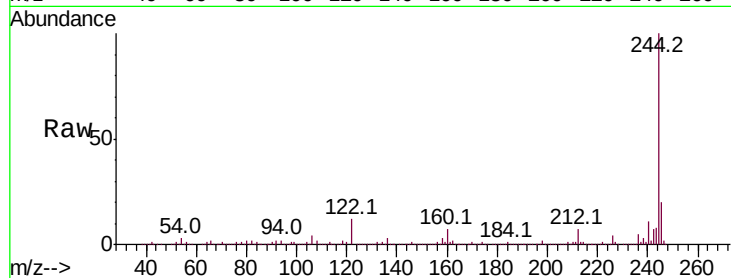
Tot Ion:244 Resp: 2269048

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

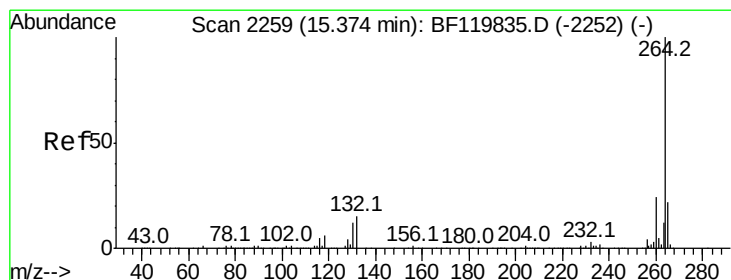
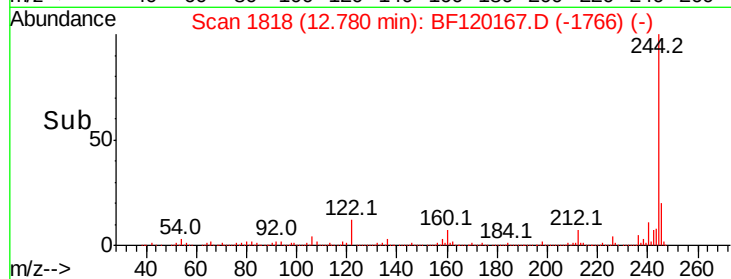
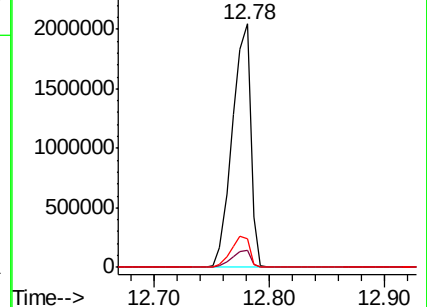
122 11.8 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120167.D

Acq: 23 Apr 2020 16:57

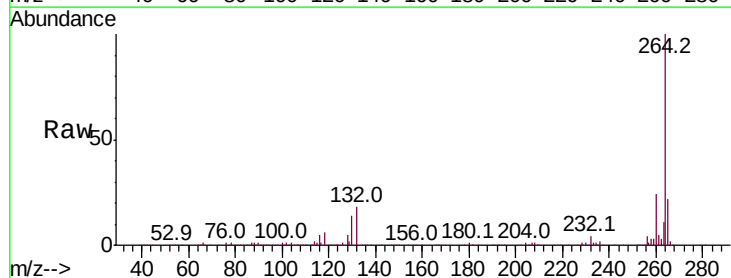
Tgt Ion:264 Resp: 372525

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.8 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

