

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120169.D
 Acq On : 23 Apr 2020 17:51
 Operator : MA/SJ
 Sample : L2330-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-1

Quant Time: Apr 23 18:22:09 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

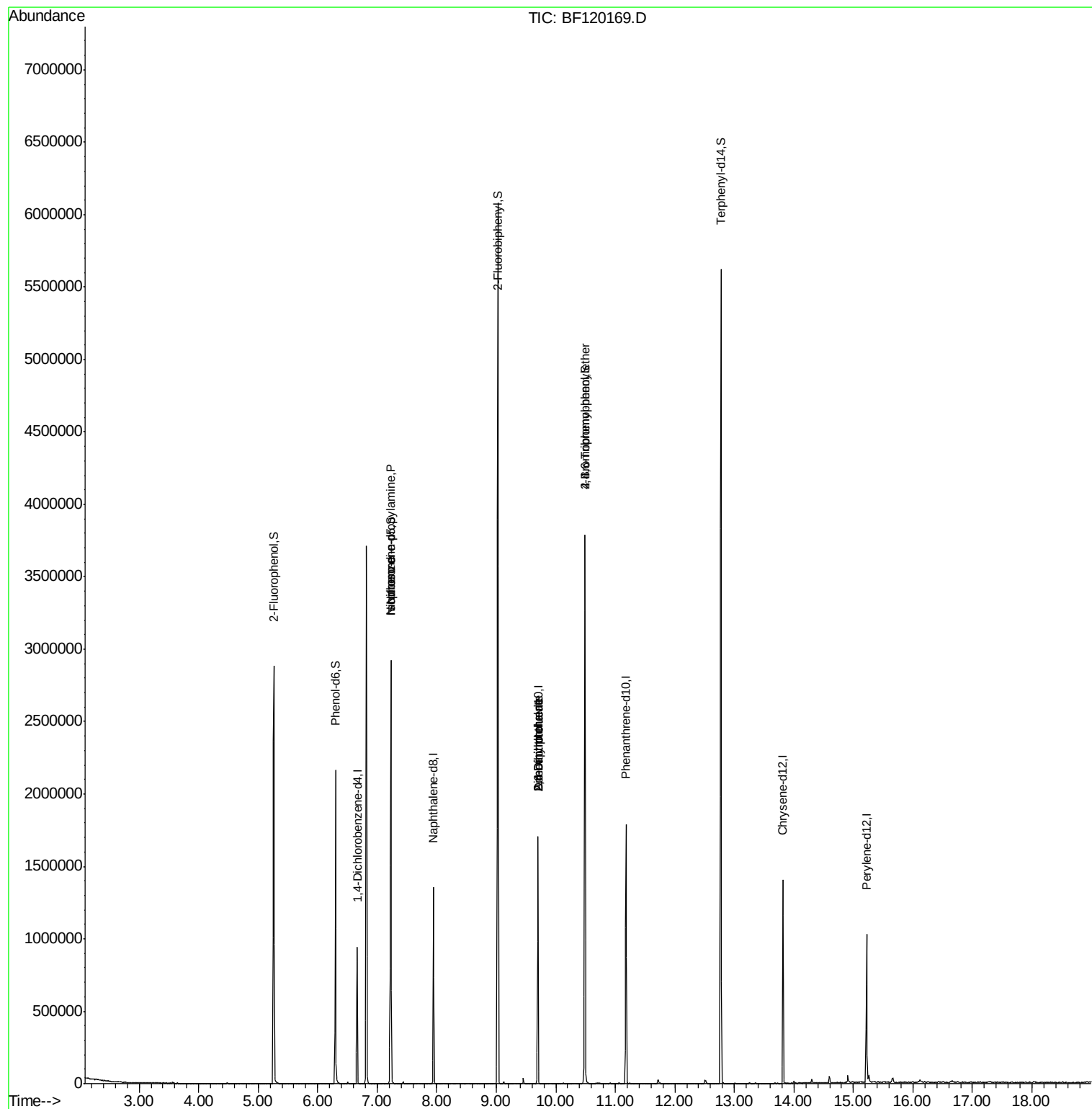
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	142447	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	548519	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	303801	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	608906	20.00	ng	0.00
76) Chrysene-d12	13.82	240	490127	20.00	ng	-0.01
87) Perylene-d12	15.22	264	433797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	730779	88.66	ng	0.00
7) Phenol-d6	6.30	99	642535	60.50	ng	-0.01
23) Nitrobenzene-d5	7.23	82	987168	93.10	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	470450	126.48	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1964743	91.82	ng	0.00
79) Terphenyl-d14	12.78	244	2404104	82.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	784	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	129746	18.997 ng	#	1
25) Isophorone	7.23	82	982356	48.063 ng	#	75
50) Dimethylphthalate	9.70	163	70637	3.006 ng	#	65
51) 2,6-Dinitrotoluene	9.70	165	38595	7.500 ng	#	1
57) 2,4-Dinitrotoluene	9.70	165	38595	5.693 ng	#	26
67) 4-Bromophenyl-phenylether	10.49	248	29356	3.877 ng	#	20
					#	1

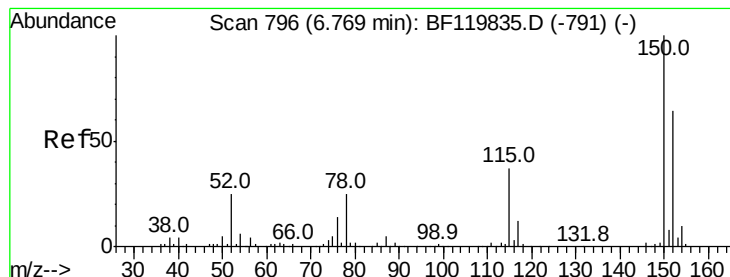
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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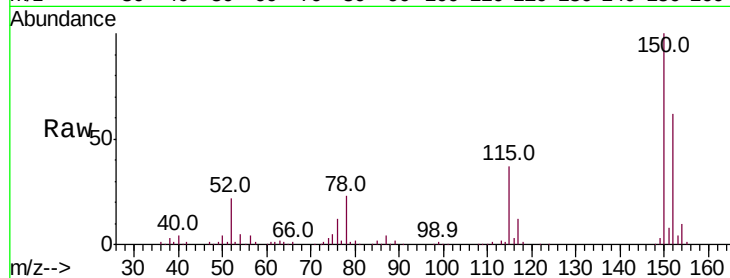


#1

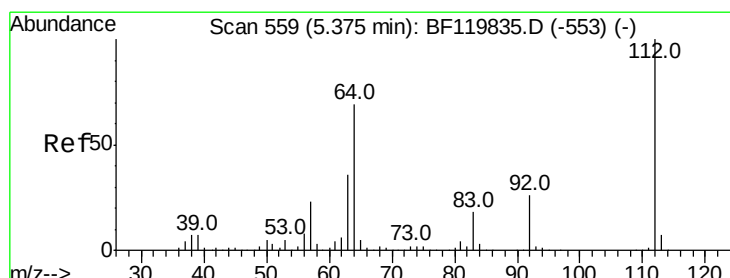
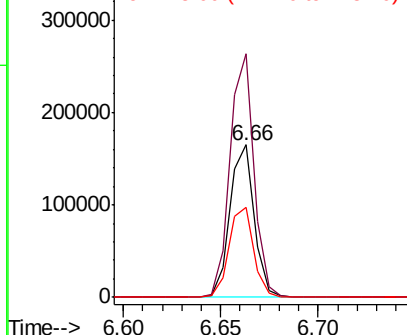
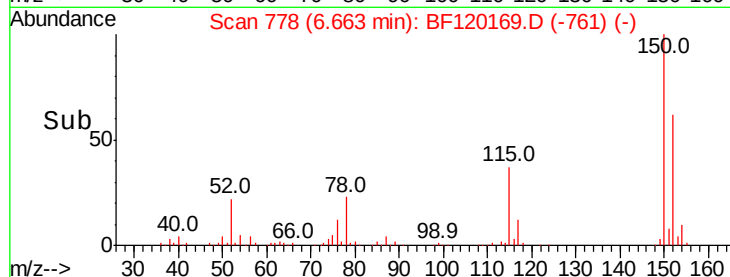
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF120169.D
 Acq: 23 Apr 2020 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-1

Tot Ion:152 Resp: 142447
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.5 186.7
 115 59.3 49.6 74.4



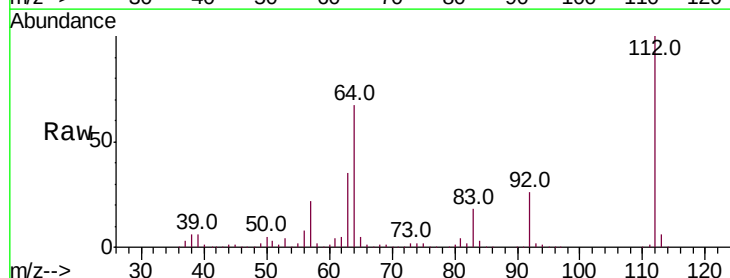
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



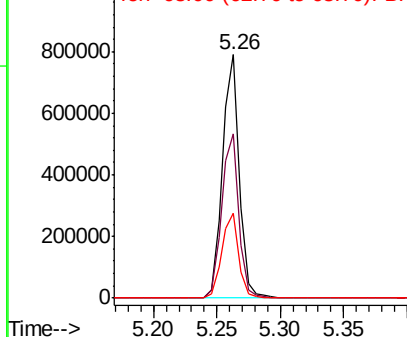
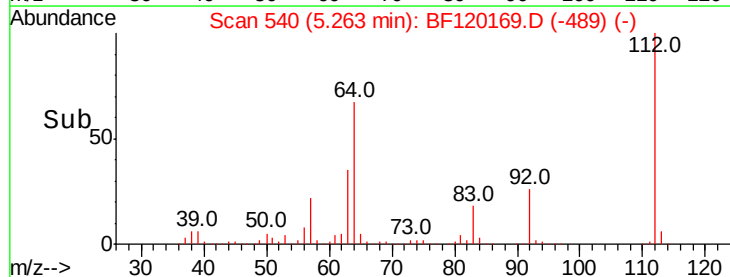
#5

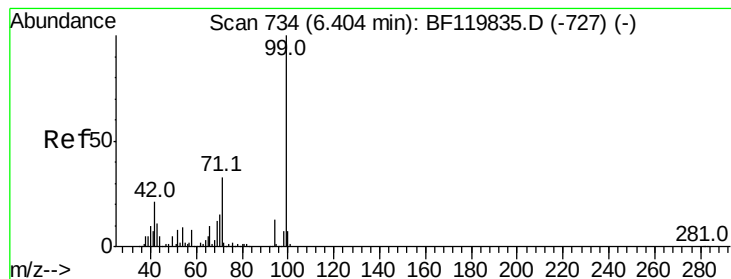
2-Fluorophenol
 Concen: 88.659 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF120169.D
 Acq: 23 Apr 2020 17:51

Tgt Ion:112 Resp: 730779
 Ion Ratio Lower Upper
 112 100
 64 67.4 56.7 85.1
 63 34.7 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: 60.497 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

Instrument :

BNA_F

ClientSampleId :

PA-TWP-1

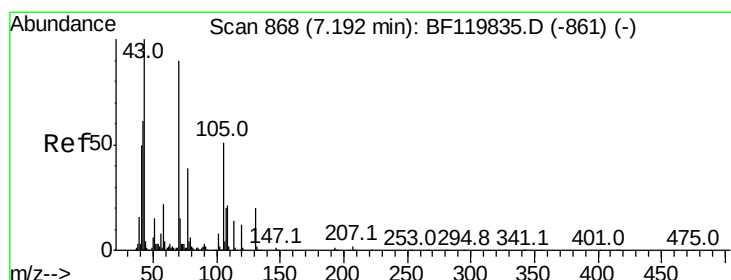
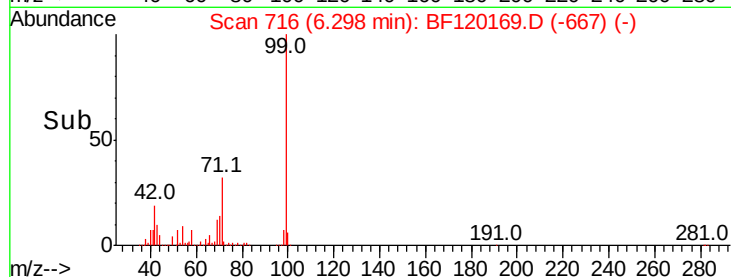
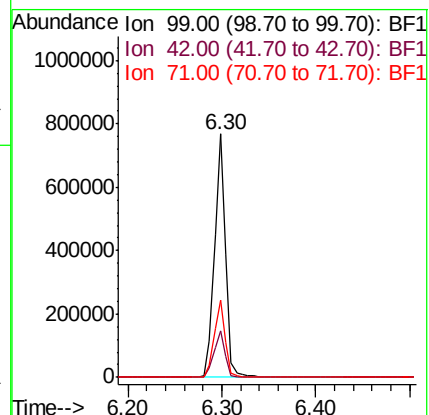
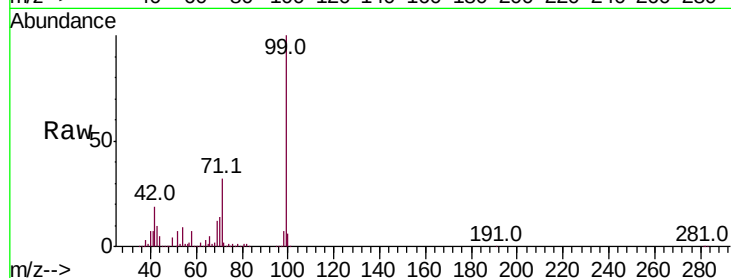
Tot Ion: 99 Resp: 642535

Ion Ratio Lower Upper

99 100

42 19.3 16.6 24.8

71 31.9 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.997 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

Tgt Ion: 70 Resp: 129746

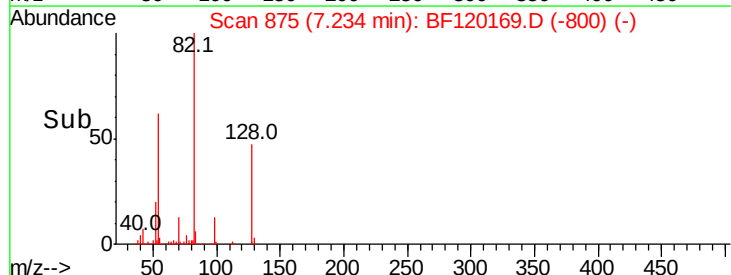
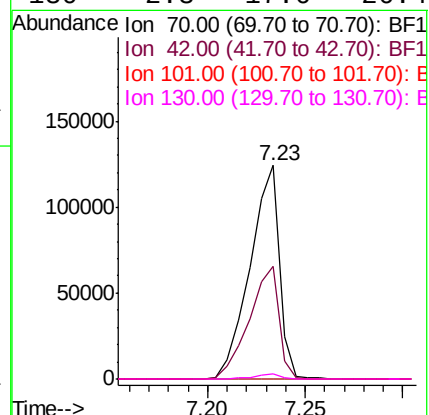
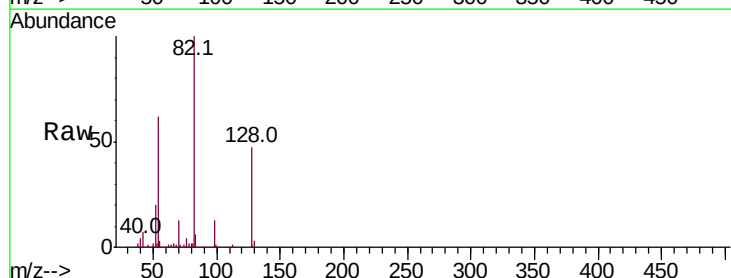
Ion Ratio Lower Upper

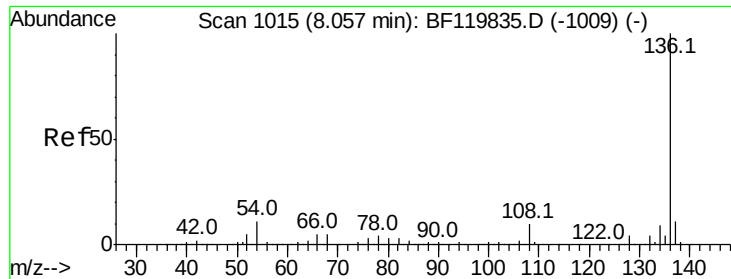
70 100

42 52.6 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

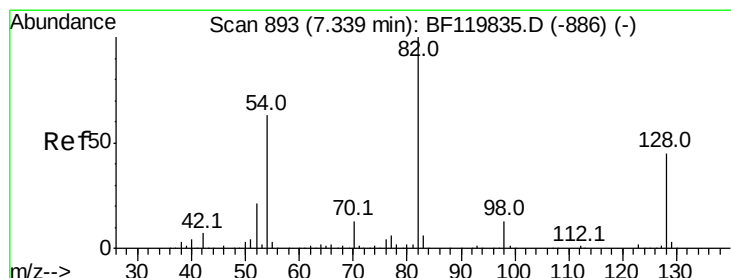
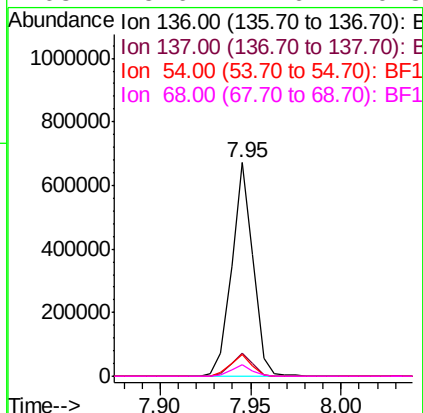
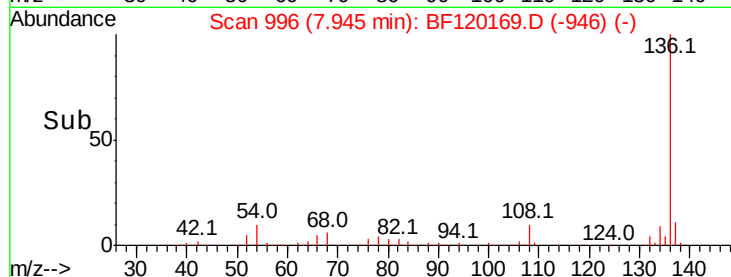
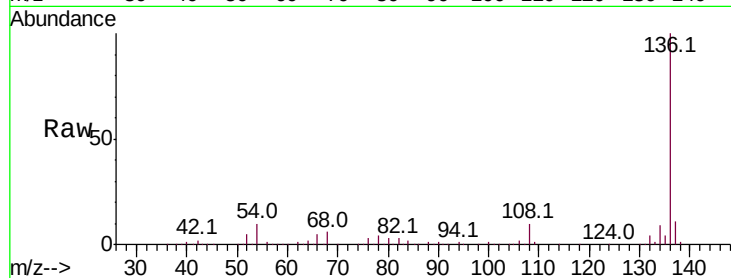




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120169.D
Acq: 23 Apr 2020 17:51

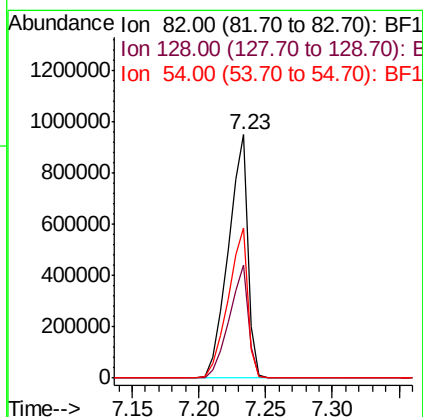
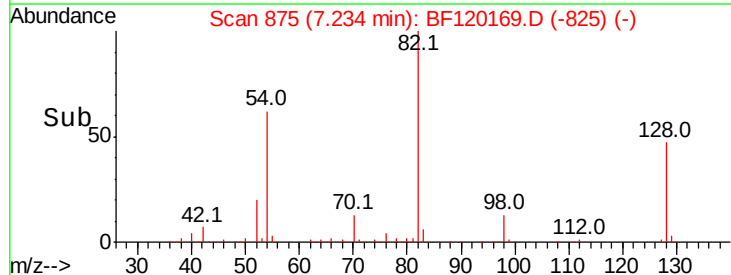
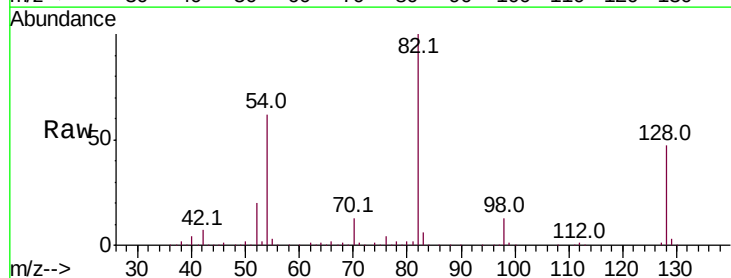
Instrument :
BNA_F
ClientSampleId :
PA-TWP-1

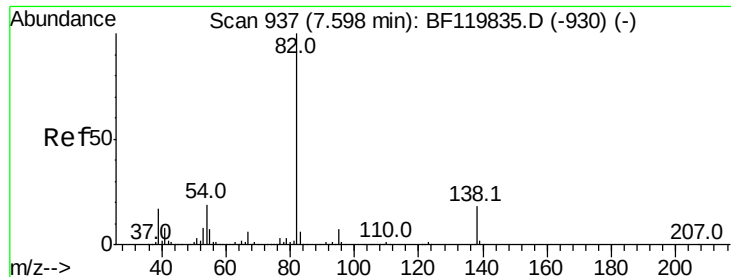
Tot Ion:	136	Resp:	548519
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.0	9.1	13.7
68	5.6	4.6	6.8



#23
Nitrobenzene-d5
Concen: 93.105 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120169.D
Acq: 23 Apr 2020 17:51

Tgt Ion:	82	Resp:	987168
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.3	54.5
54	61.6	50.6	75.8





#25

Isophorone

Concen: 48.063 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

Instrument :

BNA_F

ClientSampleId :

PA-TWP-1

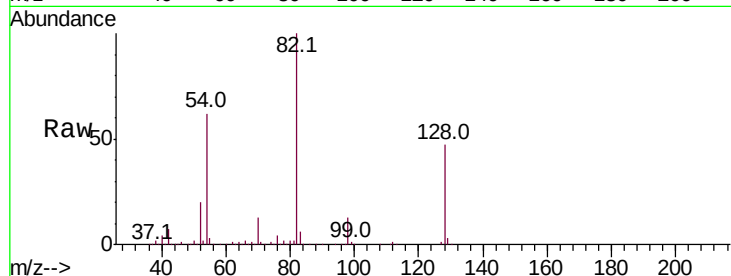
Tot Ion: 82 Resp: 982356

Ion Ratio Lower Upper

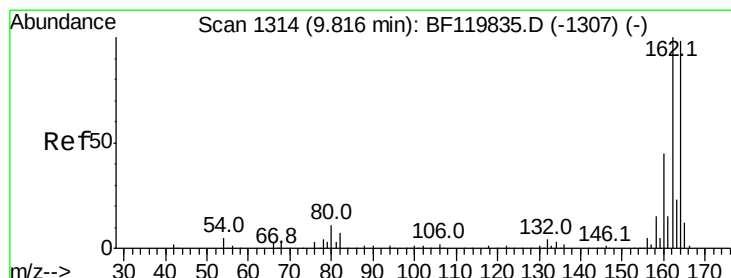
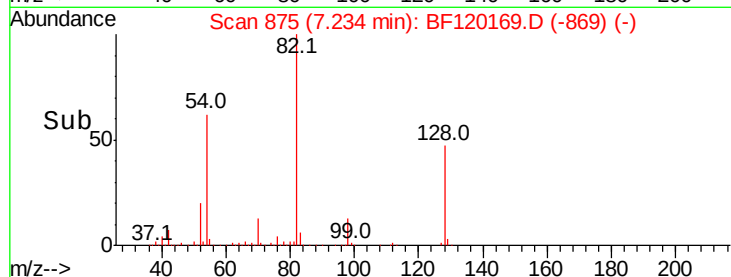
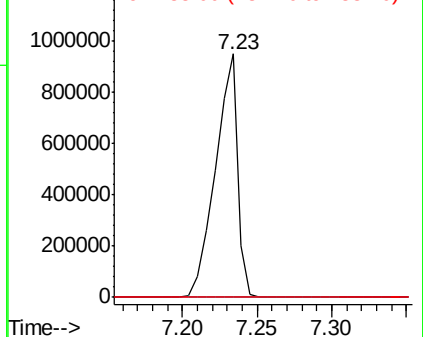
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

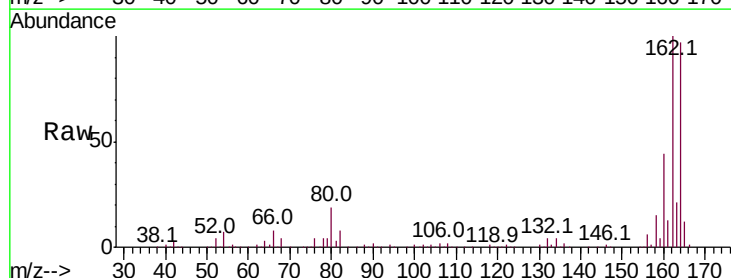
Tgt Ion:164 Resp: 303801

Ion Ratio Lower Upper

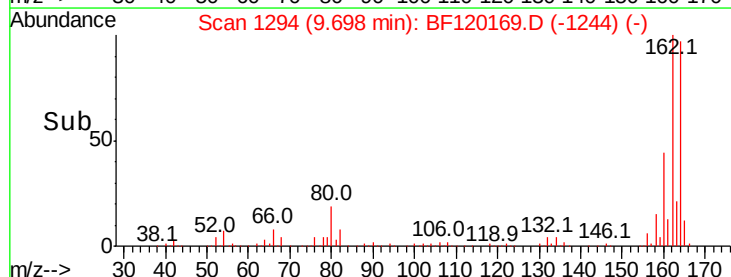
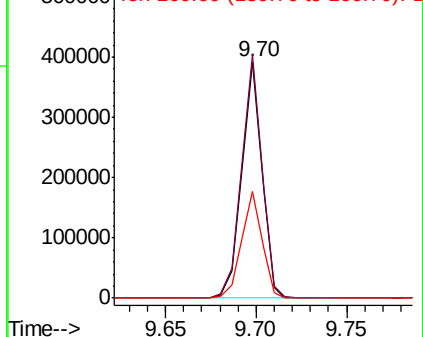
164 100

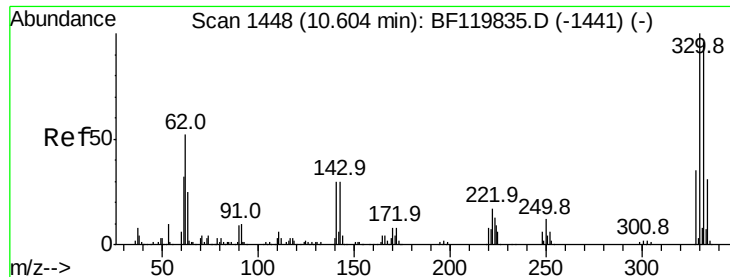
162 103.0 80.6 121.0

160 44.9 35.7 53.5



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: 126.480 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

Instrument :

BNA_F

ClientSampleId :

PA-TWP-1

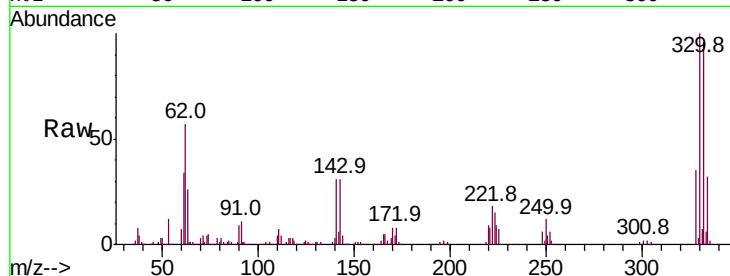
Tot Ion:330 Resp: 470450

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

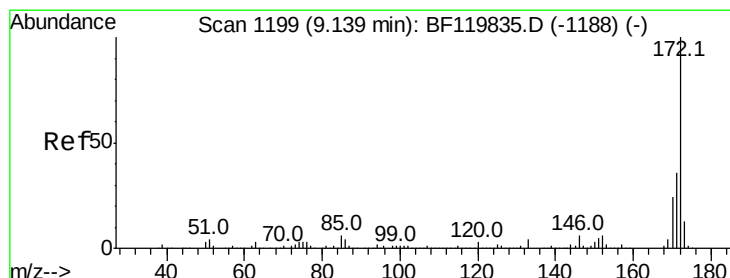
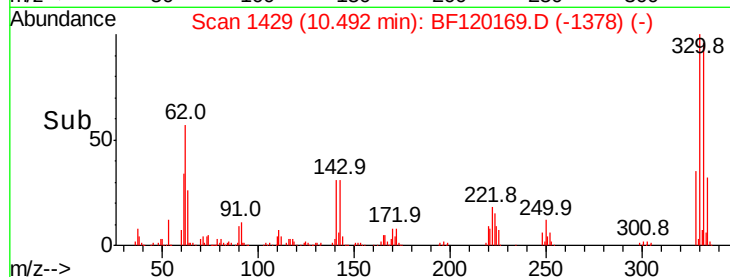
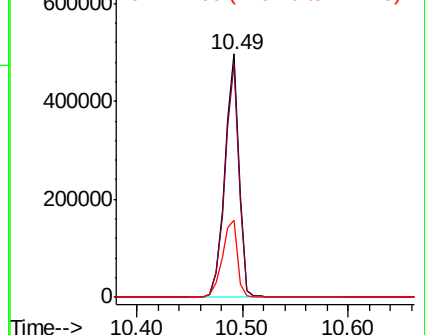
141 33.7 25.4 38.0



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: 91.820 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

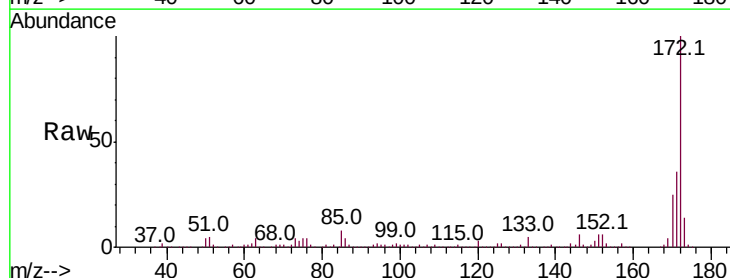
Tgt Ion:172 Resp: 1964743

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

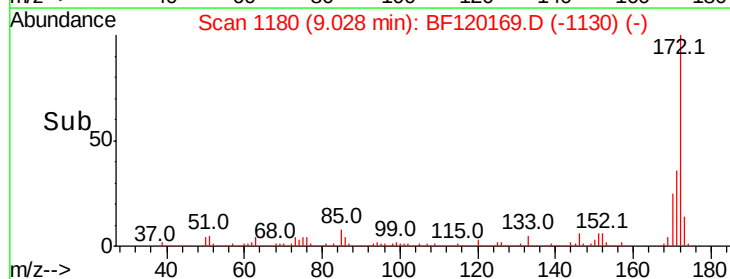
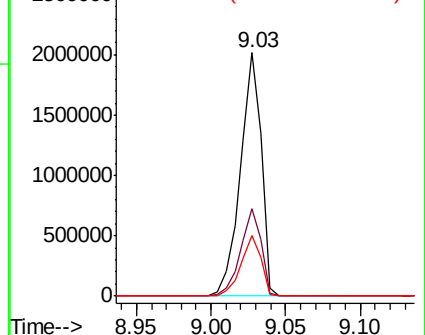
170 24.8 20.2 30.2

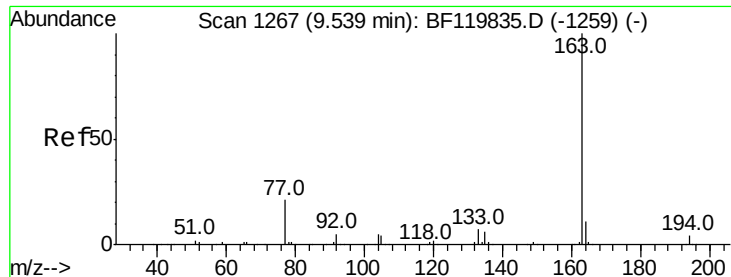


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.006 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.26 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

Instrument :

BNA_F

ClientSampleId :

PA-TWP-1

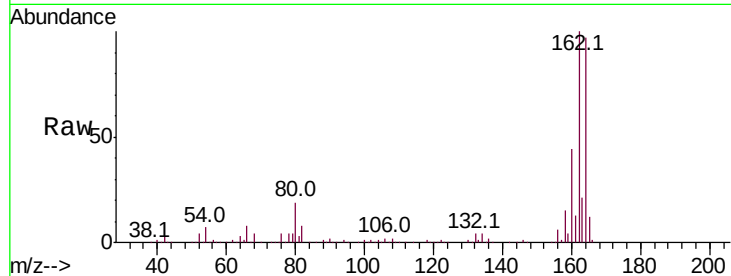
Tot Ion:163 Resp: 70637

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

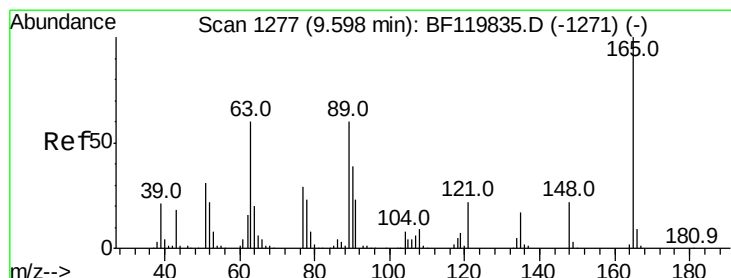
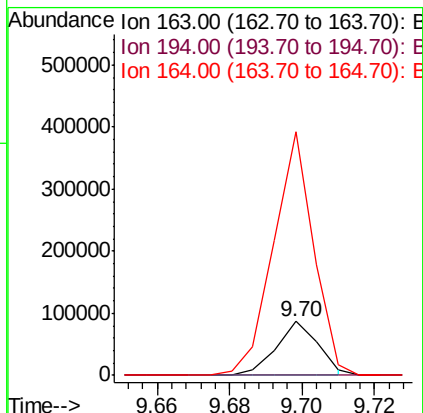
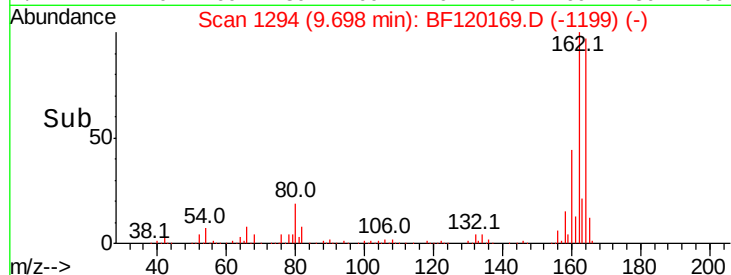
164 453.5 8.2 12.2#



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: 7.500 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.20 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

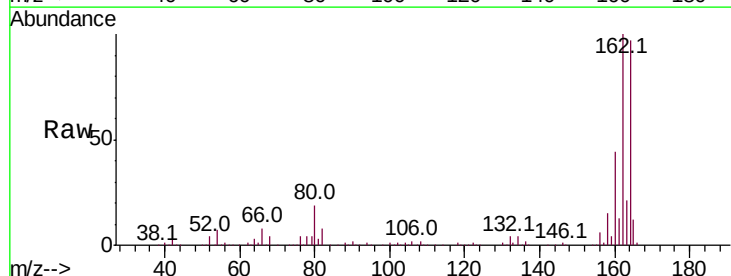
Tgt Ion:165 Resp: 38595

Ion Ratio Lower Upper

165 100

63 1.4 45.0 67.4#

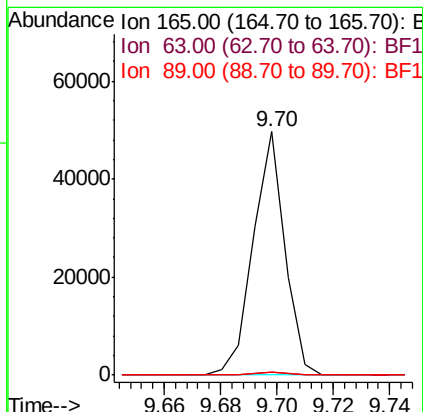
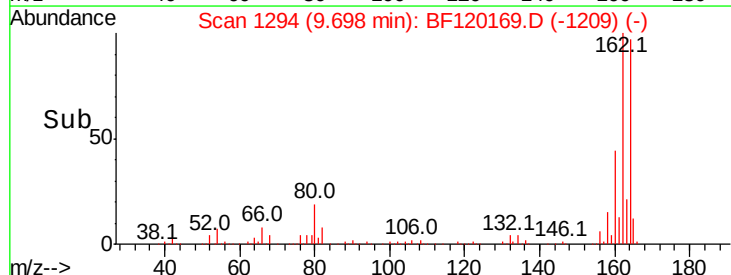
89 1.1 41.5 62.3#

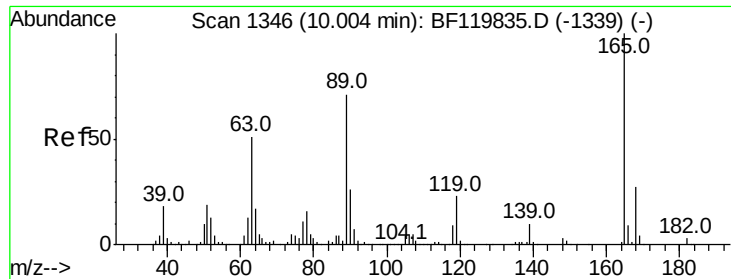


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

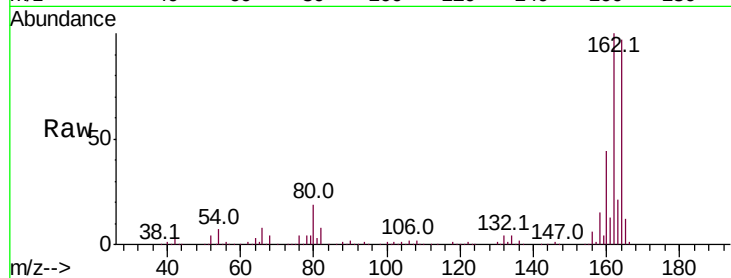




#57
 2,4-Dinitrotoluene
 Concen: 5.693 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120169.D
 Acq: 23 Apr 2020 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	1.1	61.0	91.4#
182	0.0	2.2	3.2#

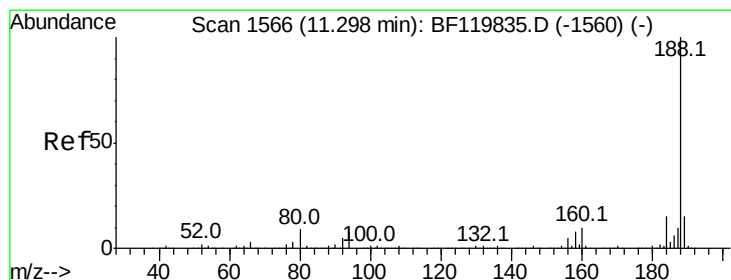
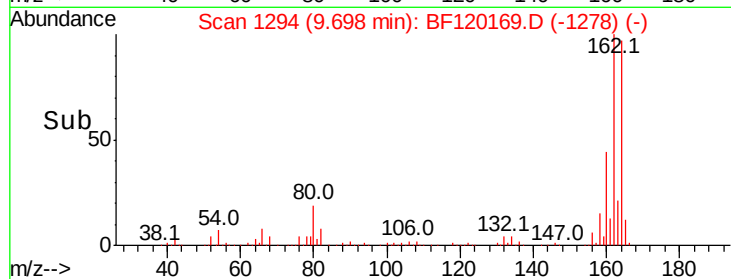
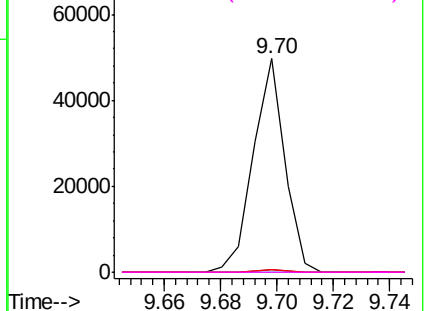


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

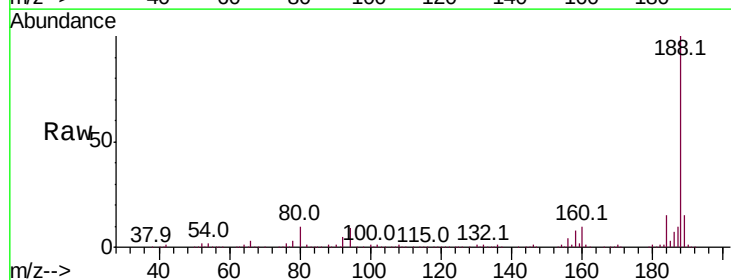
Ion 89.00 (88.70 to 89.70): BF1

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: BF120169.D
 Acq: 23 Apr 2020 17:51

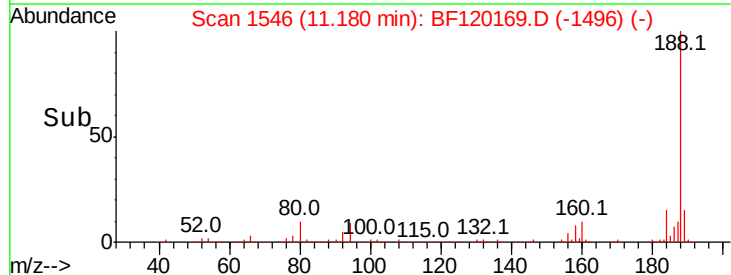
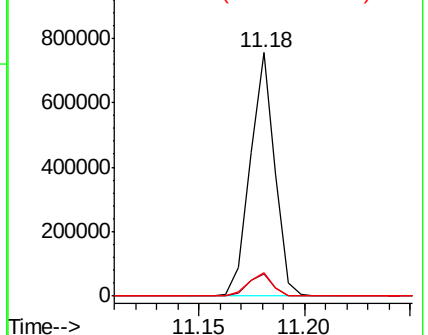
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	9.8	9.0	13.4

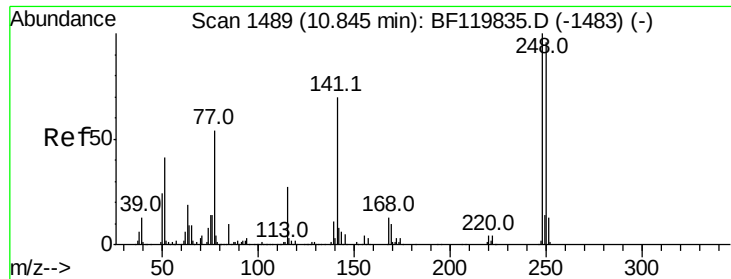


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

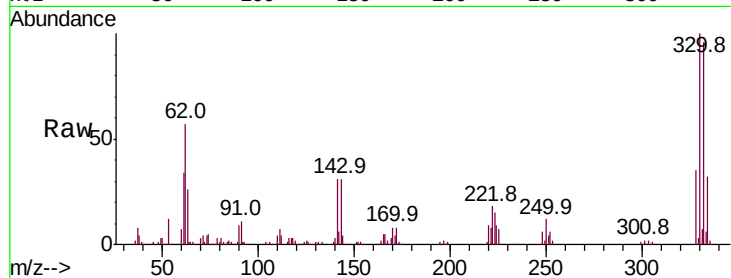




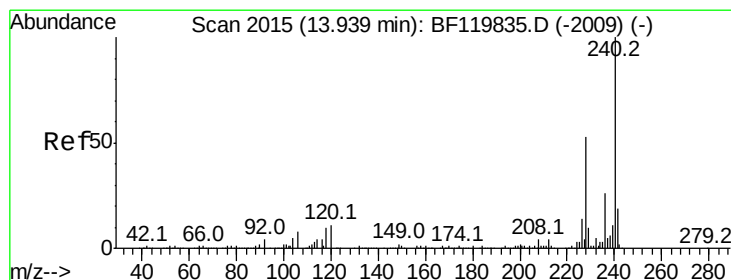
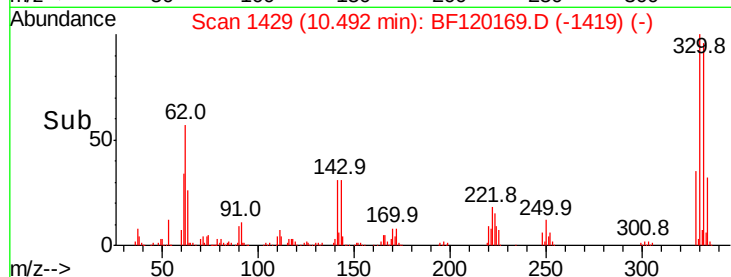
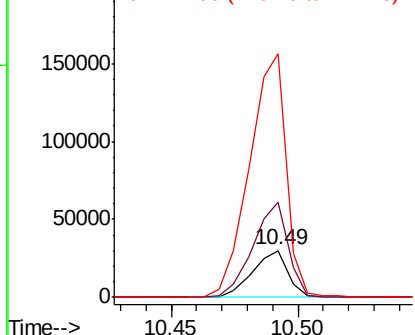
#67
 4-Bromophenyl-phenylether
 Concen: 3.877 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.24 min
 Lab File: BF120169.D
 Acq: 23 Apr 2020 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-1

Tot Ion:248 Resp: 29356
 Ion Ratio Lower Upper
 248 100
 250 201.9 77.3 115.9#
 141 519.6 58.6 87.8#

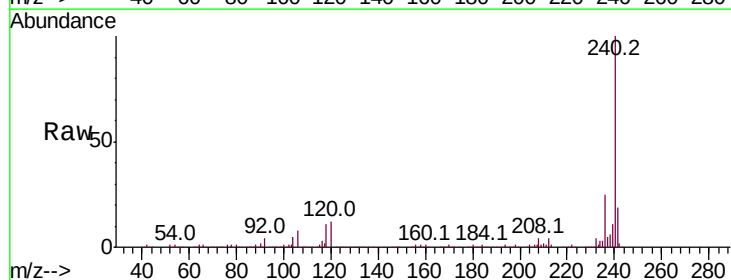


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

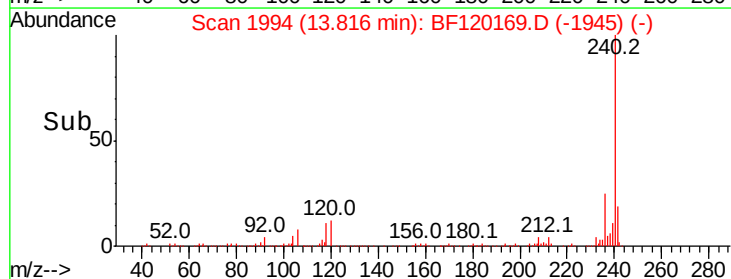
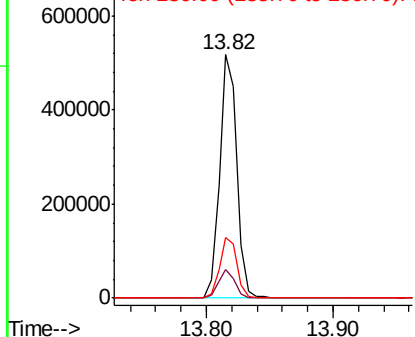


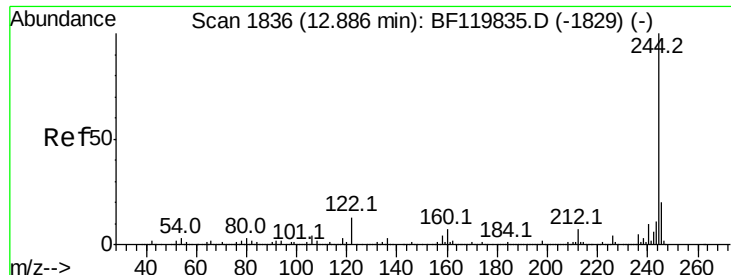
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120169.D
 Acq: 23 Apr 2020 17:51

Tgt Ion:240 Resp: 490127
 Ion Ratio Lower Upper
 240 100
 120 11.9 10.6 15.8
 236 25.1 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: 82.535 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

Instrument :

BNA_F

ClientSampleId :

PA-TWP-1

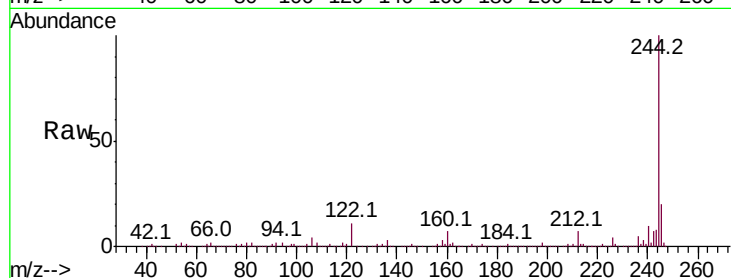
Tot Ion:244 Resp: 2404104

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

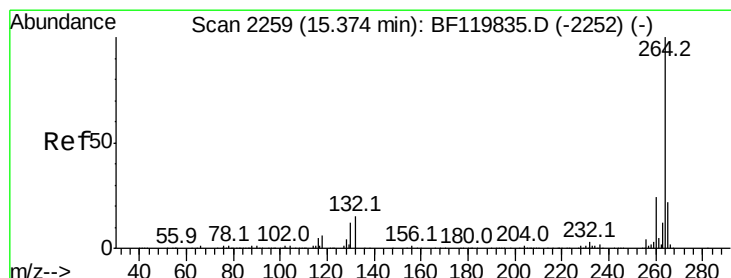
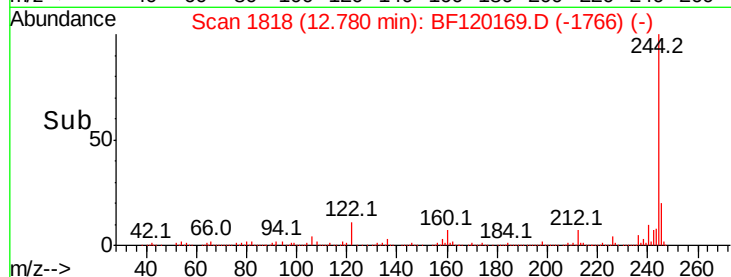
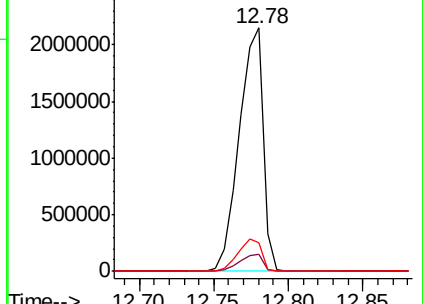
122 11.5 10.3 15.5



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: BF120169.D

Acq: 23 Apr 2020 17:51

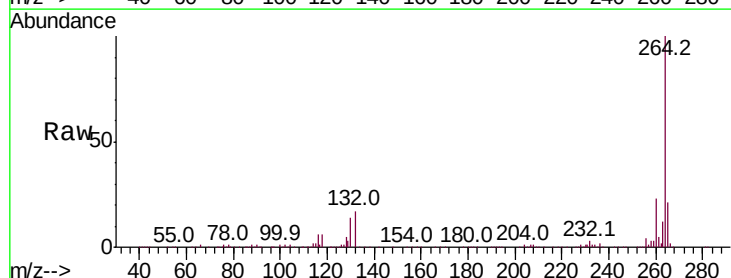
Tgt Ion:264 Resp: 433797

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

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

