

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120159.D
 Acq On : 23 Apr 2020 13:22
 Operator : MA/SJ
 Sample : PB128439BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 23 14:09:10 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	149707	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	580985	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	317222	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	625518	20.00	ng	0.00
76) Chrysene-d12	13.82	240	533007	20.00	ng	-0.01
87) Perylene-d12	15.22	264	504579	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1181798	136.42	ng	0.00
7) Phenol-d6	6.31	99	1521983	136.35	ng	0.00
23) Nitrobenzene-d5	7.23	82	956370	85.16	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	481880	124.07	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1899049	85.00	ng	0.00
79) Terphenyl-d14	12.78	244	2439431	77.01	ng	0.00

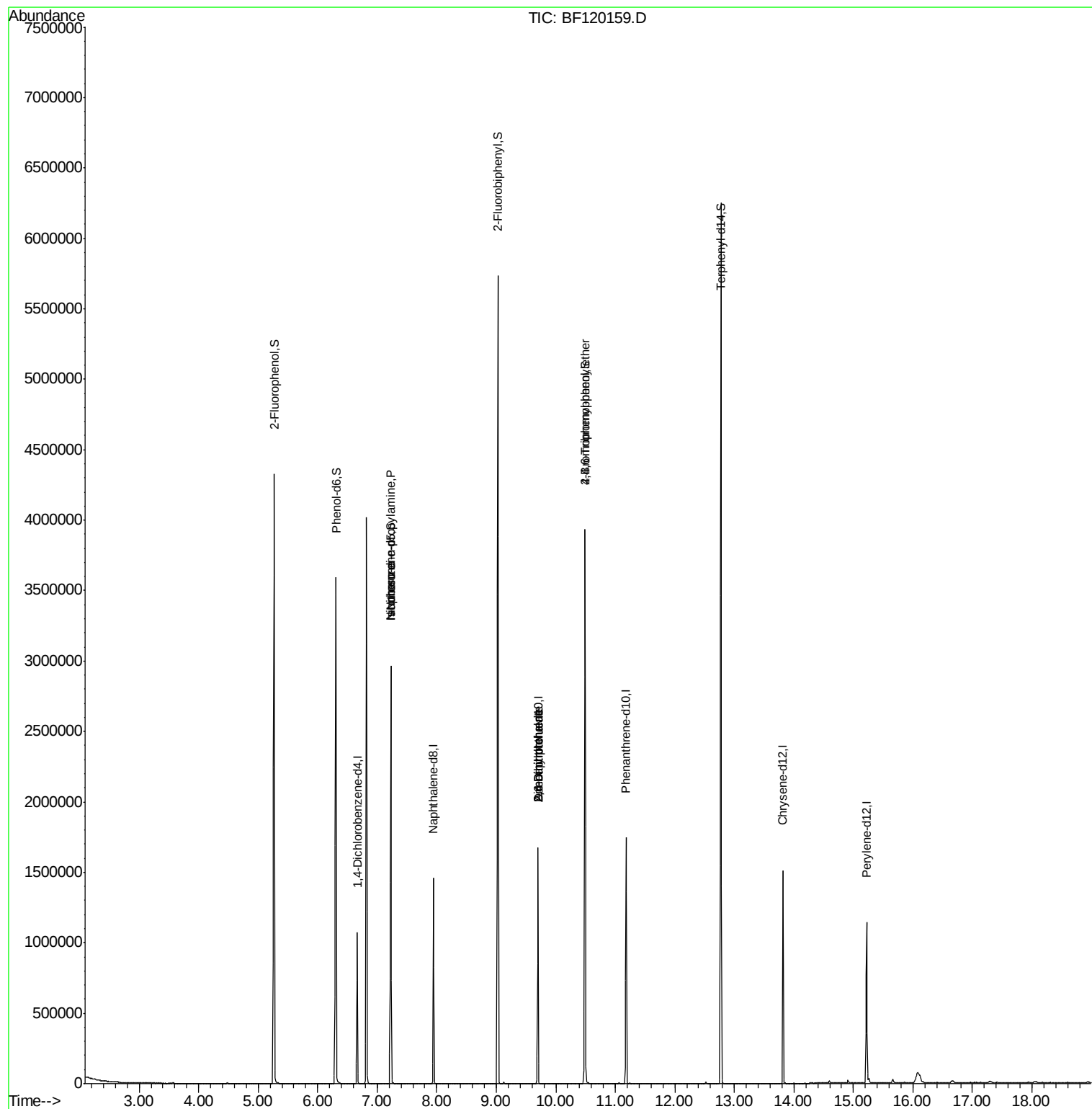
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.31	77	2308	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	124607	17.360	ng	# 75
25) Isophorone	7.23	82	952546	44.000	ng	# 65
50) Dimethylphthalate	9.70	163	72132	2.940	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	40399	7.519	ng	# 26
57) 2,4-Dinitrotoluene	9.70	165	40399	5.707	ng	# 20
67) 4-Bromophenyl-phenylether	10.49	248	29147	3.747	ng	# 1

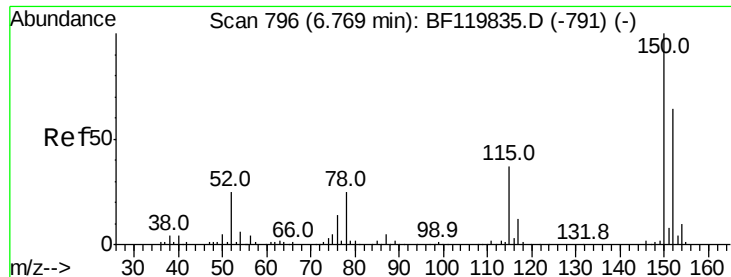
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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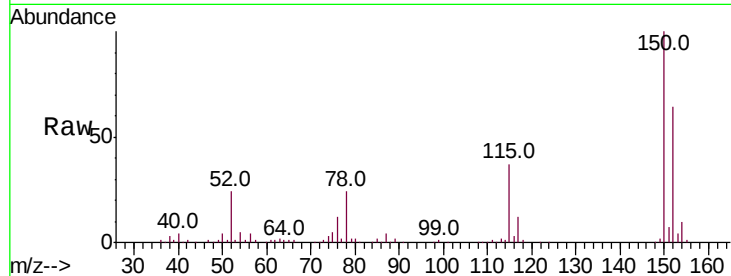


#1

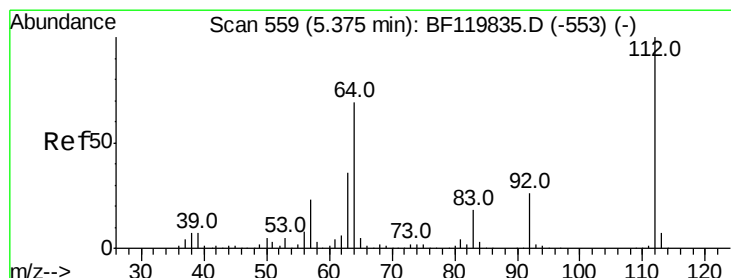
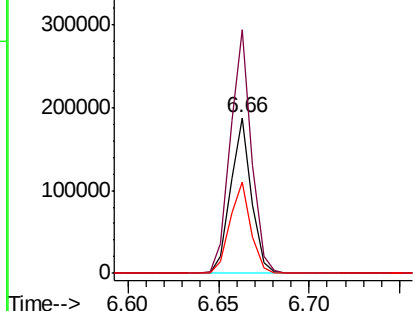
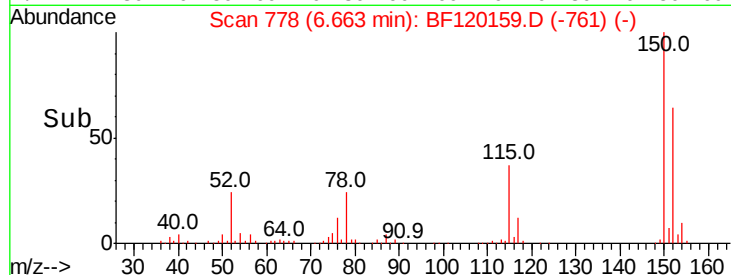
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120159.D
Acq: 23 Apr 2020 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.5	186.7
115	58.6	49.6	74.4



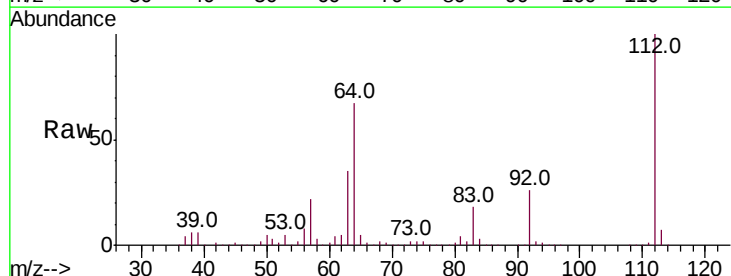
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



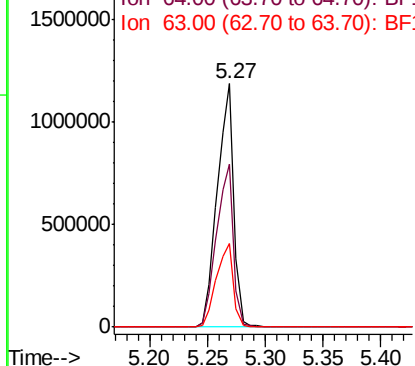
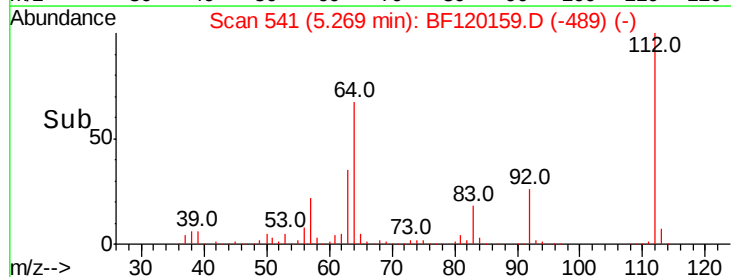
#5

2-Fluorophenol
Concen: 136.424 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF120159.D
Acq: 23 Apr 2020 13:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.7	85.1
63	34.5	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: 136.350 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120159.D

Acq: 23 Apr 2020 13:22

Instrument :

BNA_F

ClientSampleId :

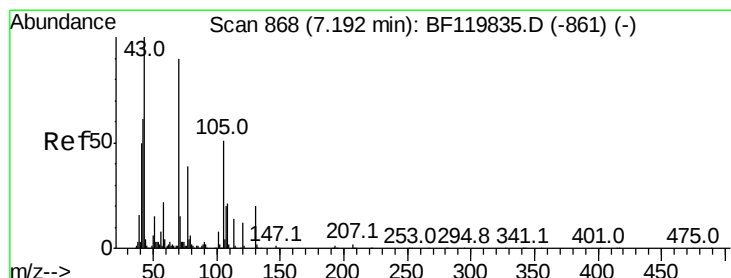
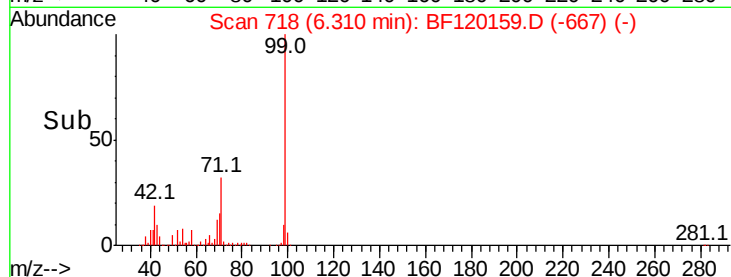
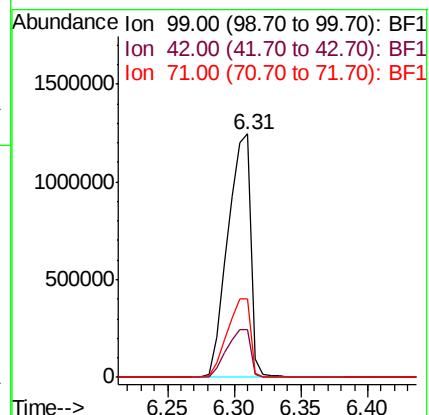
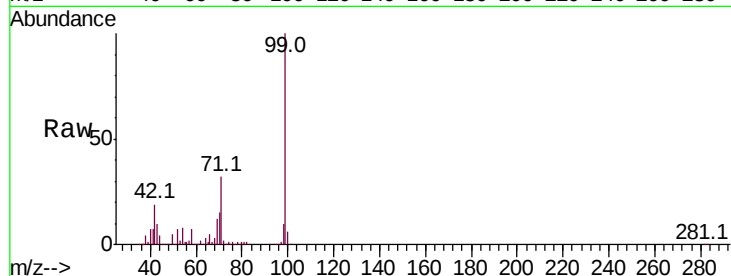
Tot Ion: 99 Resp: 1521983

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 32.2 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.360 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120159.D

Acq: 23 Apr 2020 13:22

Tgt Ion: 70 Resp: 124607

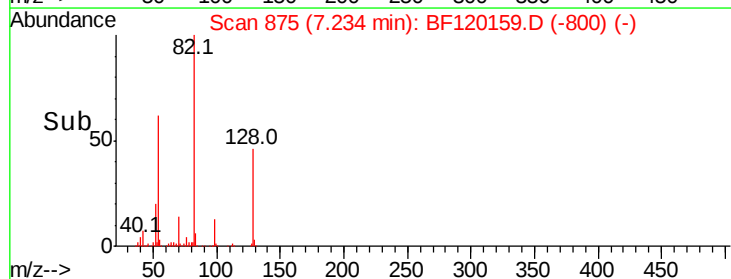
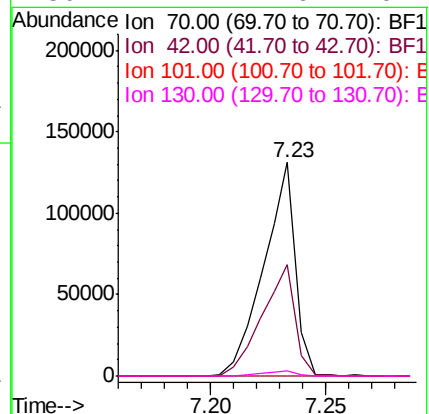
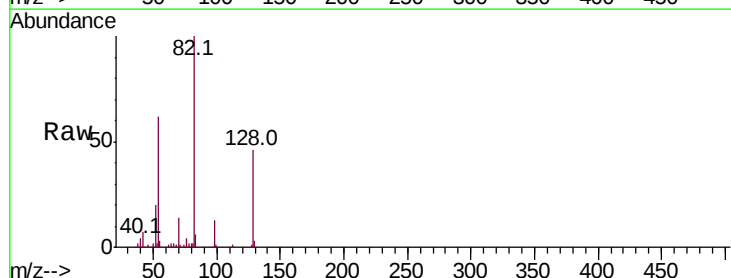
Ion Ratio Lower Upper

70 100

42 52.3 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

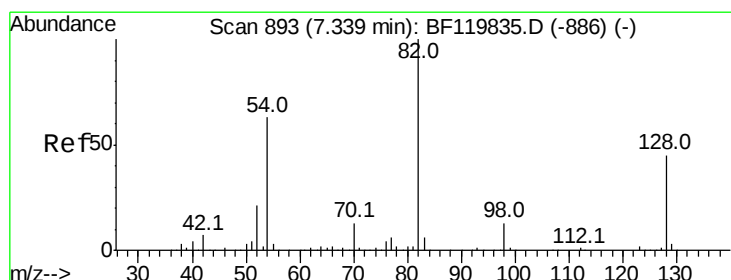
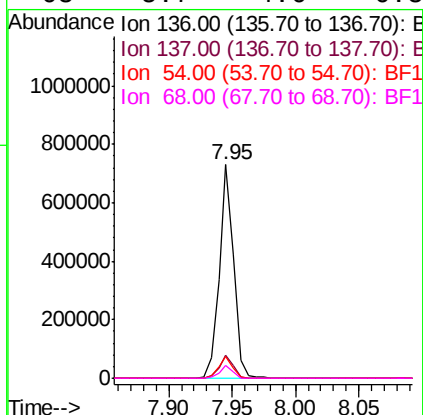
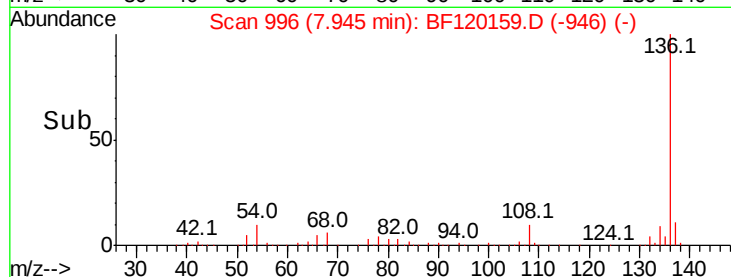
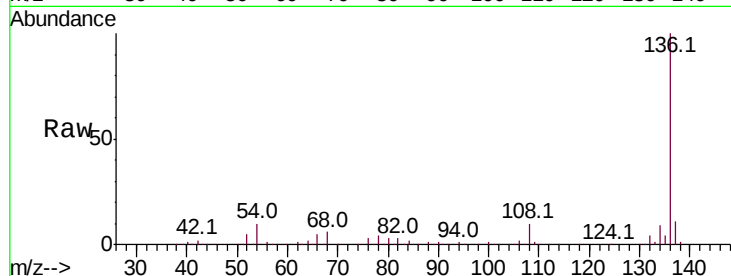




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120159.D
Acq: 23 Apr 2020 13:22

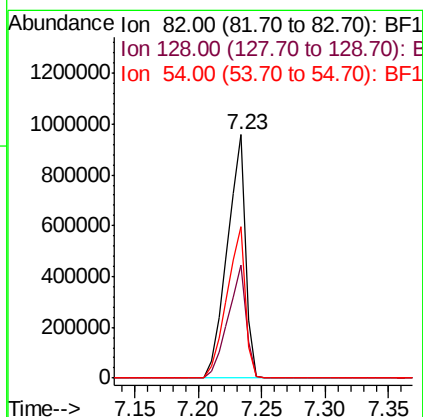
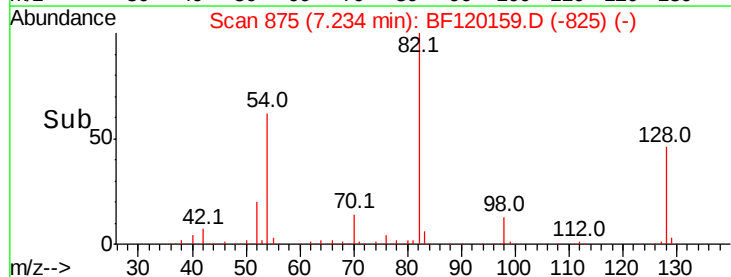
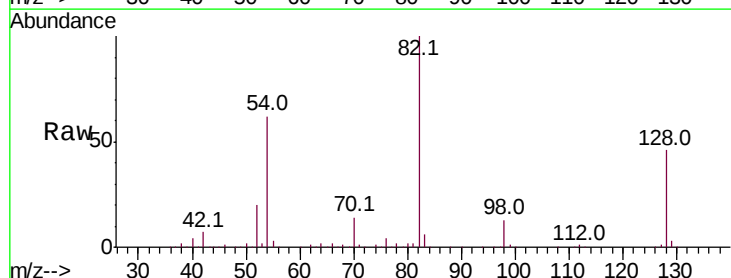
Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	580985
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.0	9.1	13.7
68	5.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 85.160 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120159.D
Acq: 23 Apr 2020 13:22

Tgt Ion:	82	Resp:	956370
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	62.1	50.6	75.8





#25

Isophorone

Concen: 44.000 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120159.D

Acq: 23 Apr 2020 13:22

Instrument :

BNA_F

ClientSampleId :

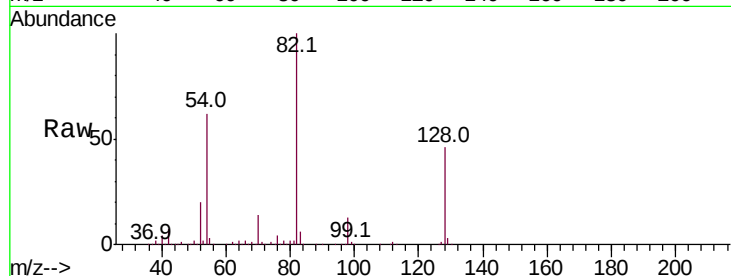
Tot Ion: 82 Resp: 952546

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

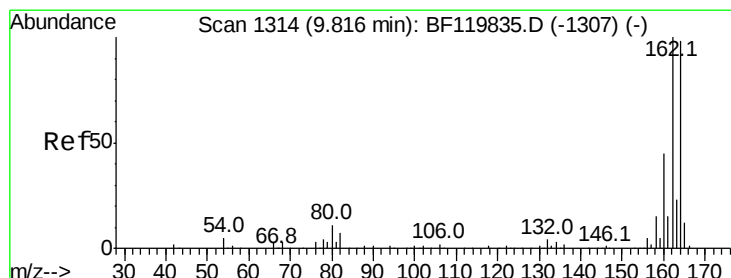
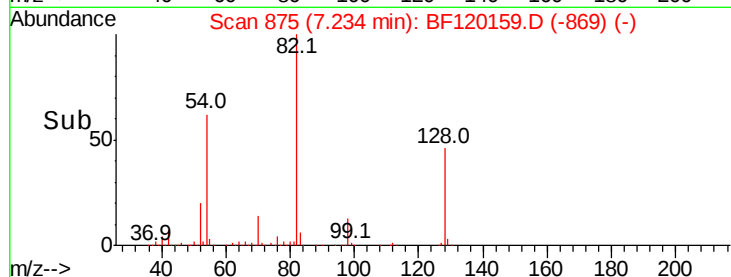
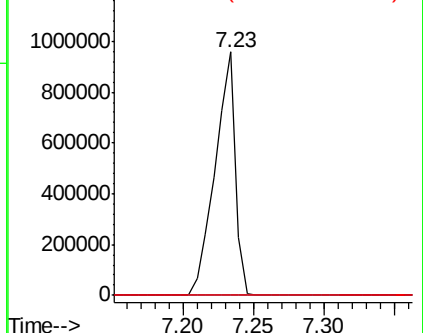
138 0.0 14.6 21.8#



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: BF120159.D

Acq: 23 Apr 2020 13:22

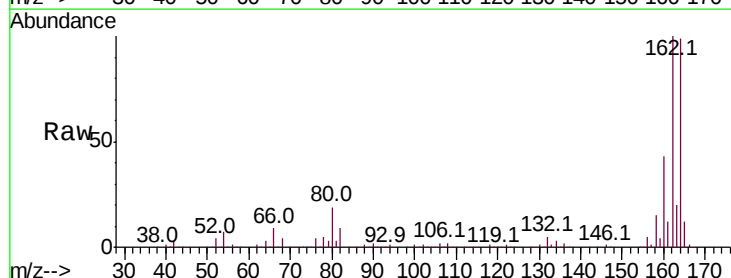
Tgt Ion:164 Resp: 317222

Ion Ratio Lower Upper

164 100

162 101.5 80.6 121.0

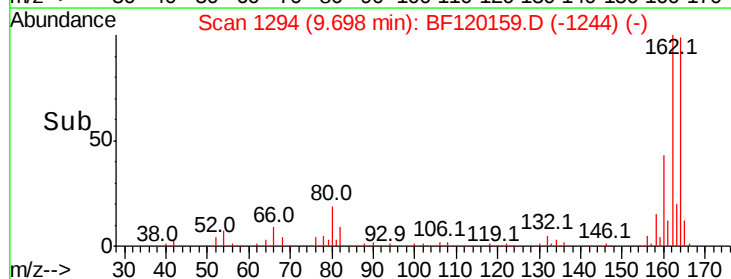
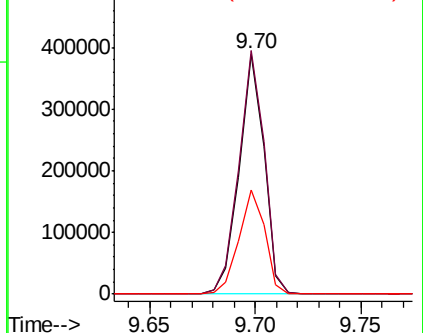
160 43.4 35.7 53.5

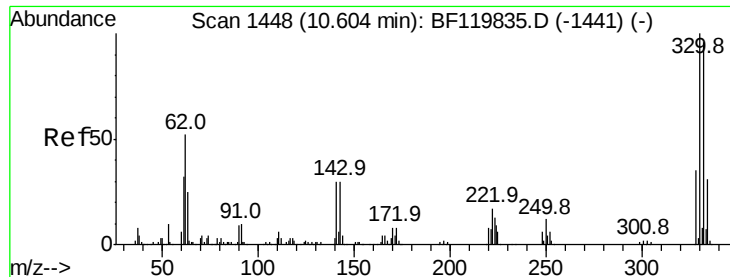


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

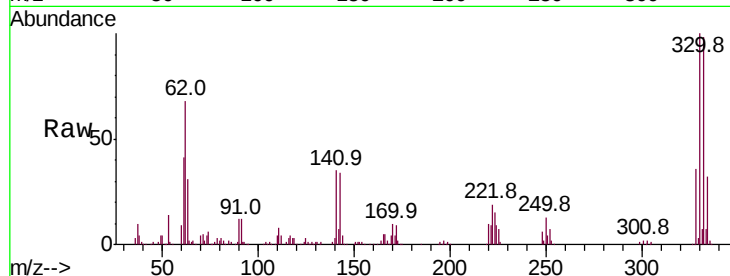




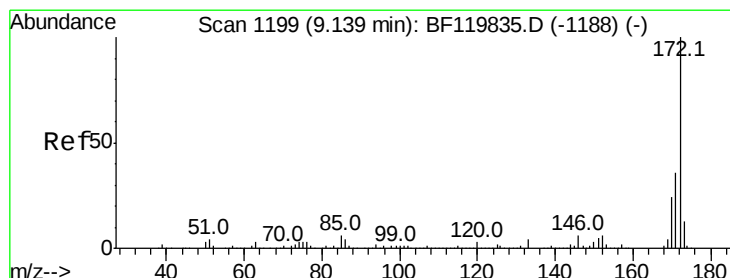
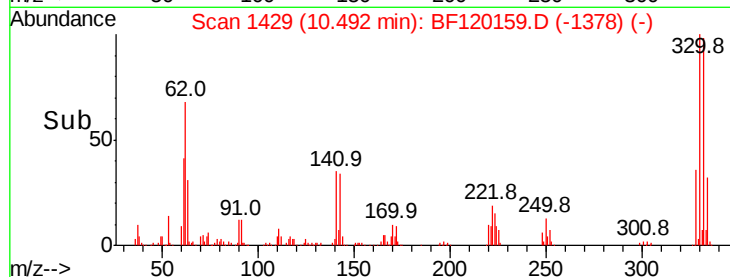
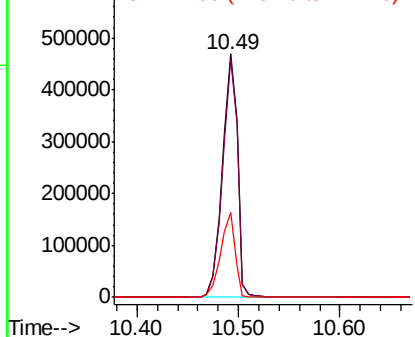
#42
 2,4,6-Tribromophenol
 Concen: 124.072 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF120159.D
 Acq: 23 Apr 2020 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.7	113.5
141	33.7	25.4	38.0

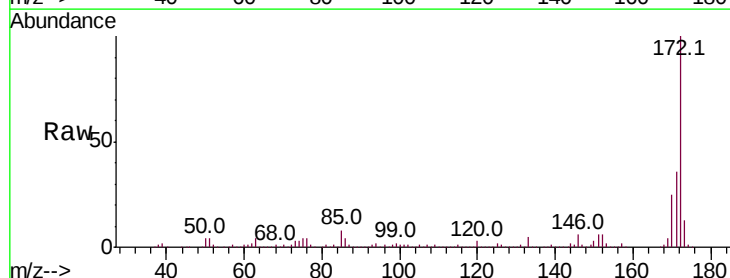


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

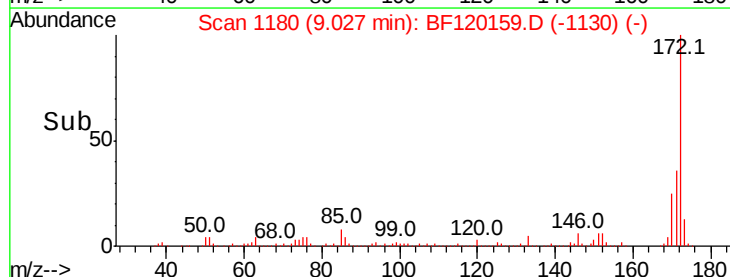
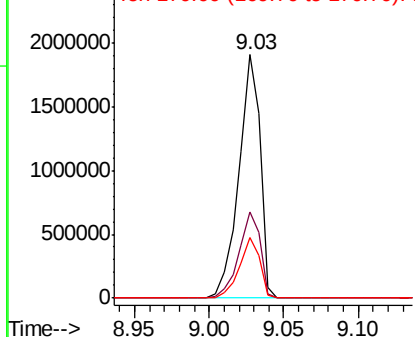


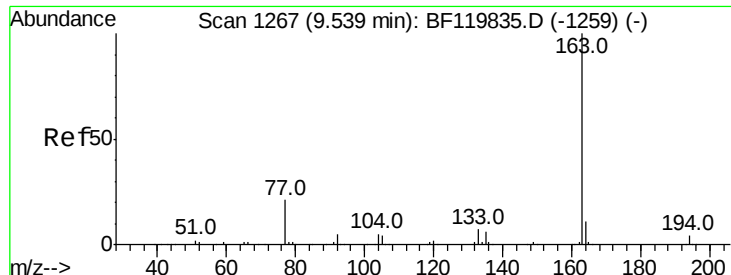
#45
 2-Fluorobiphenyl
 Concen: 84.995 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120159.D
 Acq: 23 Apr 2020 13:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.7	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

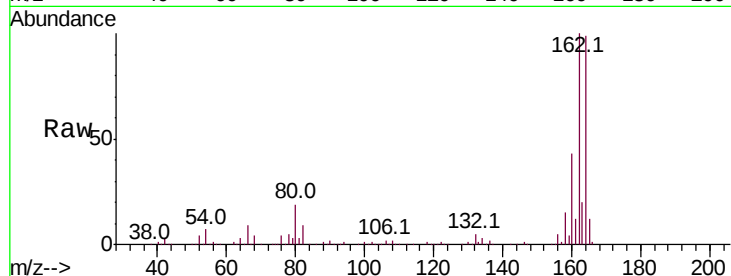




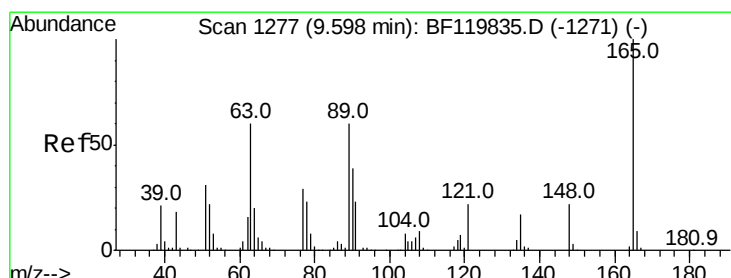
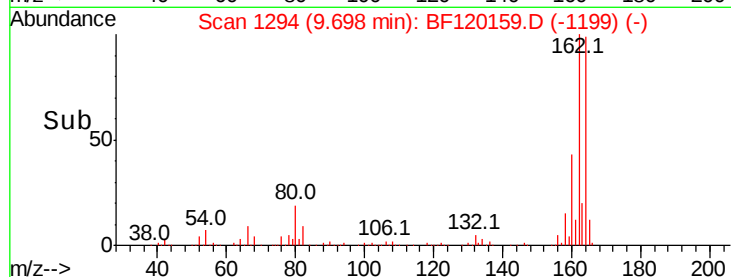
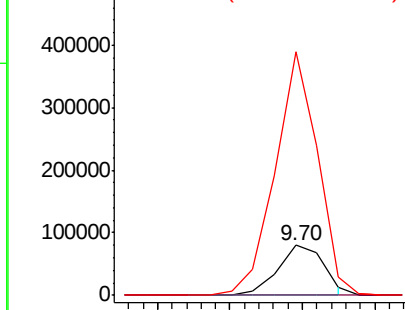
#50
Dimethylphthalate
Concen: 2.940 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.26 min
Lab File: BF120159.D
Acq: 23 Apr 2020 13:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 72132
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 486.6 8.2 12.2#

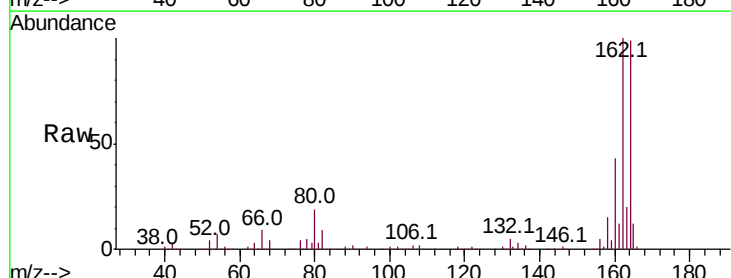


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

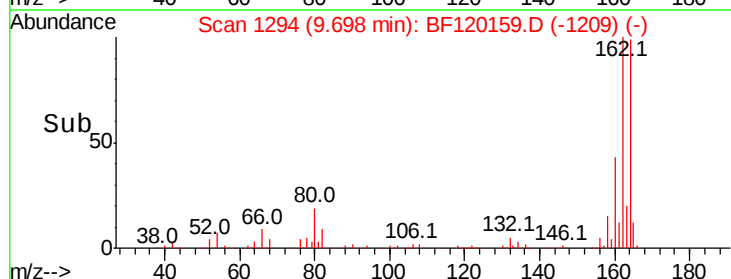
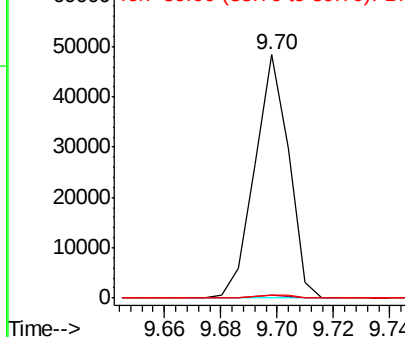


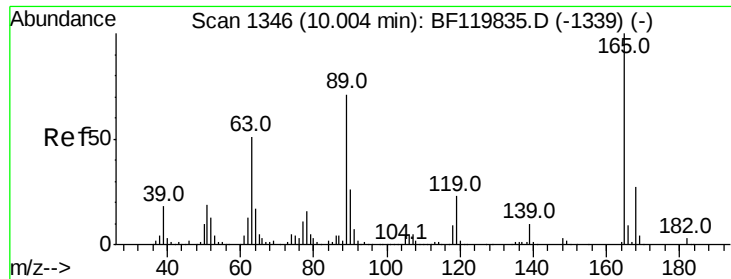
#51
2,6-Dinitrotoluene
Concen: 7.519 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.20 min
Lab File: BF120159.D
Acq: 23 Apr 2020 13:22

Tgt Ion:165 Resp: 40399
Ion Ratio Lower Upper
165 100
63 1.1 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

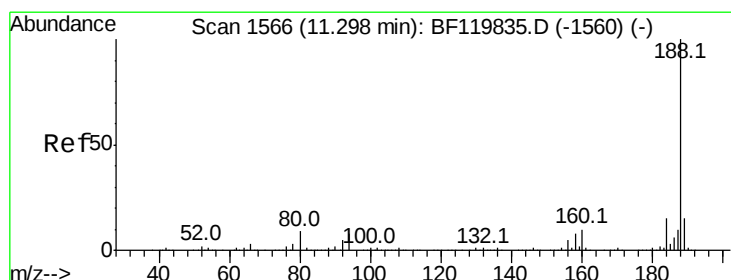
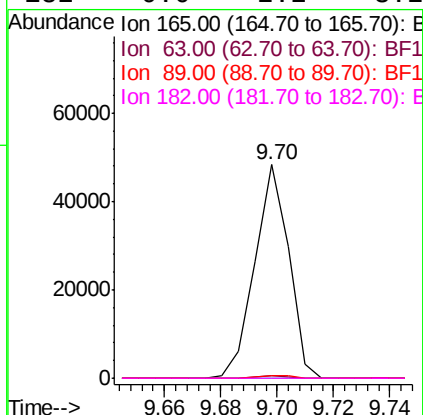
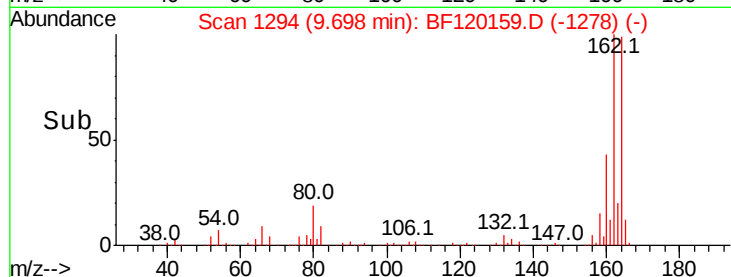
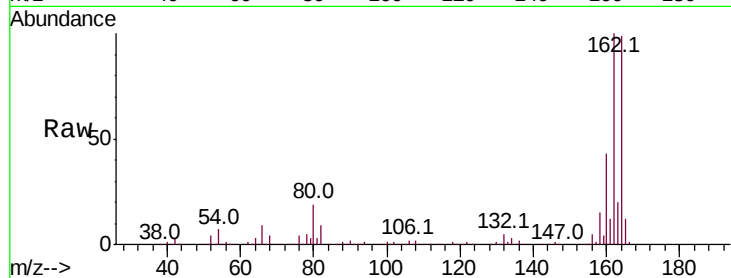




#57
 2,4-Dinitrotoluene
 Concen: 5.707 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120159.D
 Acq: 23 Apr 2020 13:22

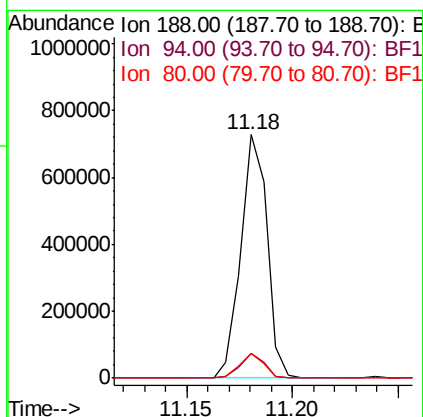
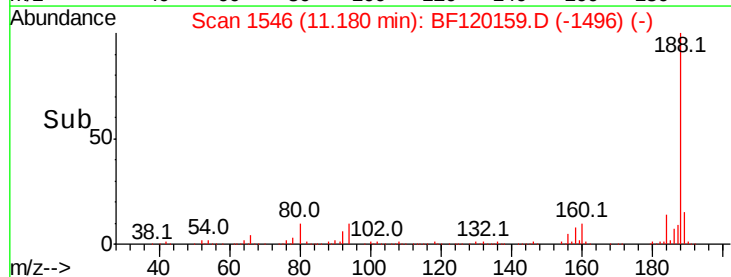
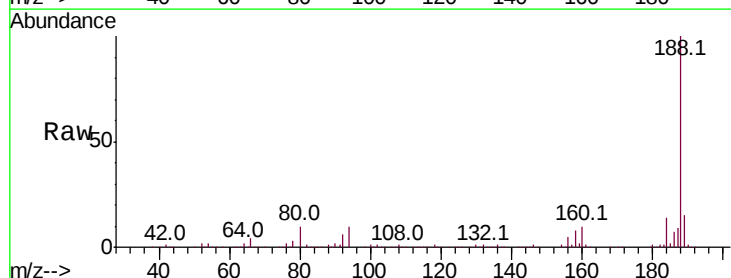
Instrument :
 BNA_F
 ClientSampleId :

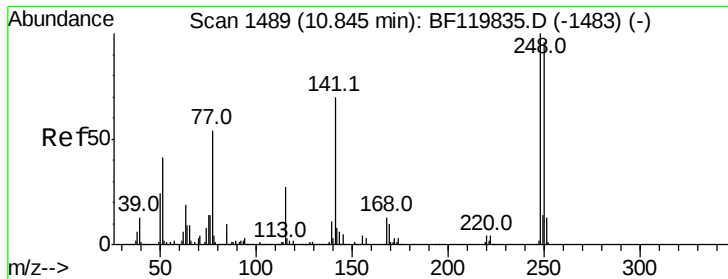
Tot Ion:165	Resp:	40399
Ion Ratio	Lower	Upper
165 100		
63 1.1	42.6	64.0#
89 1.1	61.0	91.4#
182 0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120159.D
 Acq: 23 Apr 2020 13:22

Tgt Ion:188	Resp:	625518
Ion Ratio	Lower	Upper
188 100		
94 10.0	7.5	11.3
80 10.3	9.0	13.4

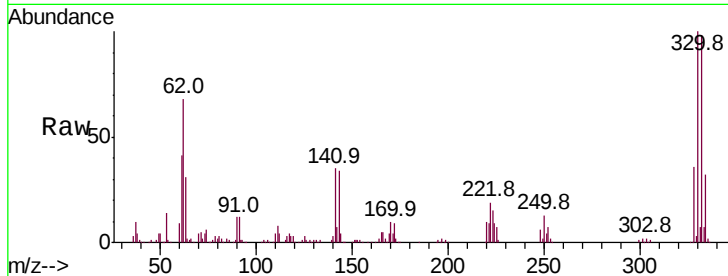




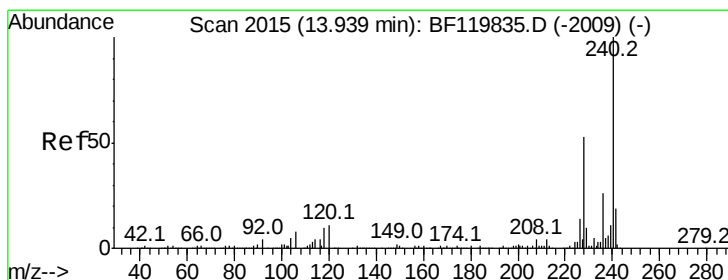
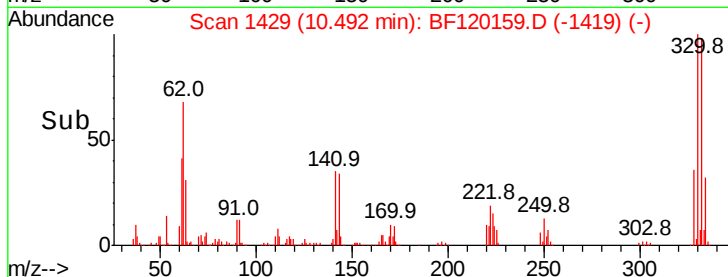
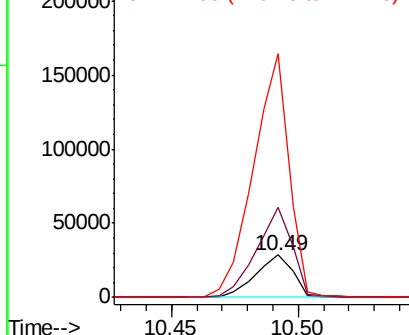
#67
 4-Bromophenyl-phenylether
 Concen: 3.747 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.24 min
 Lab File: BF120159.D
 Acq: 23 Apr 2020 13:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 29147
 Ion Ratio Lower Upper
 248 100
 250 212.7 77.3 115.9#
 141 574.0 58.6 87.8#

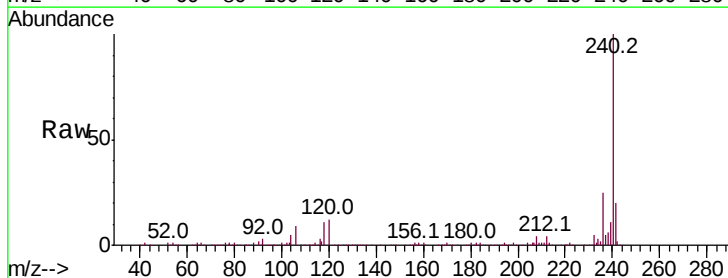


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

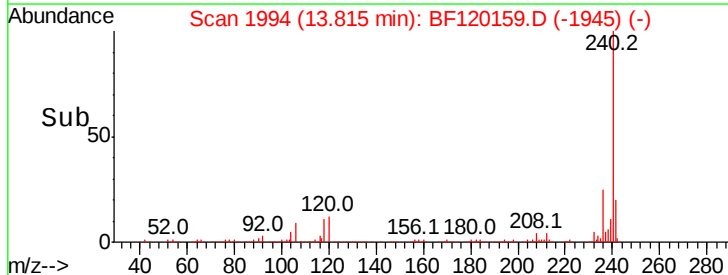
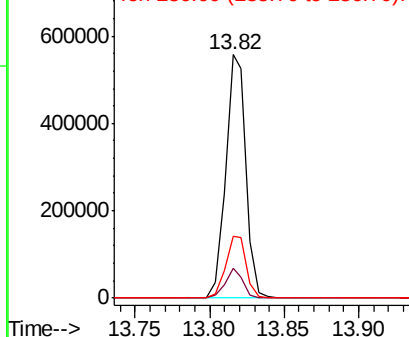


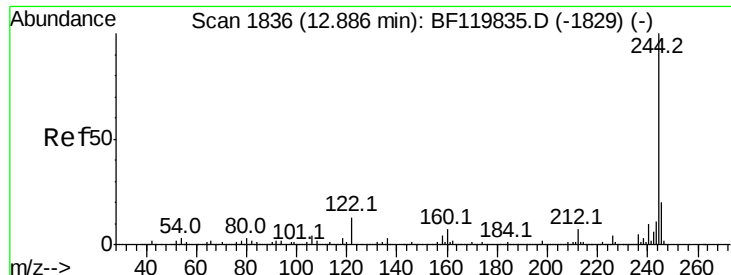
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120159.D
 Acq: 23 Apr 2020 13:22

Tgt Ion:240 Resp: 533007
 Ion Ratio Lower Upper
 240 100
 120 12.2 10.6 15.8
 236 25.5 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: 77.011 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120159.D

Acq: 23 Apr 2020 13:22

Instrument :

BNA_F

ClientSampleId :

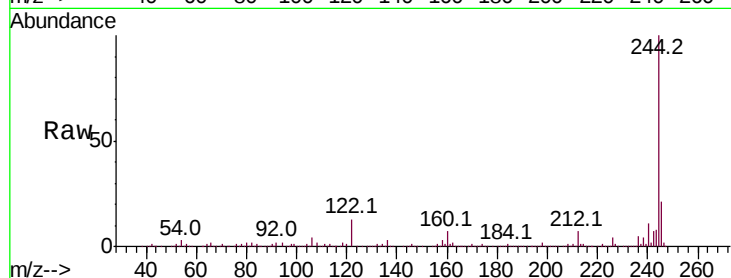
Tot Ion:244 Resp: 2439431

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

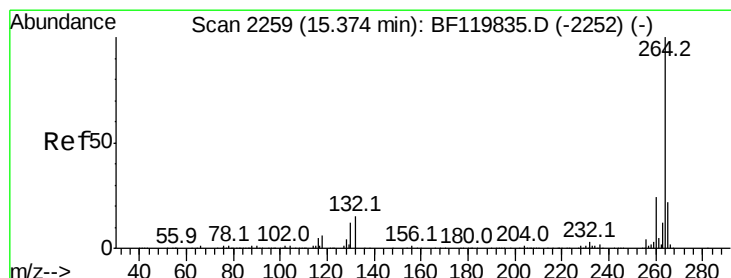
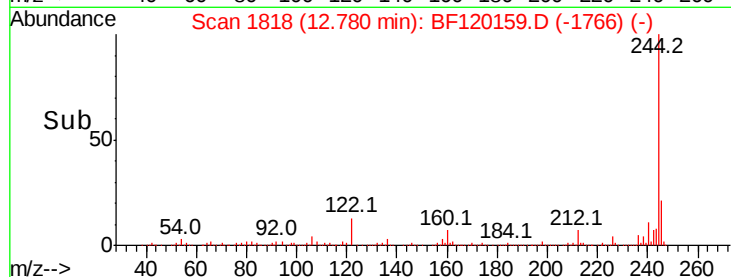
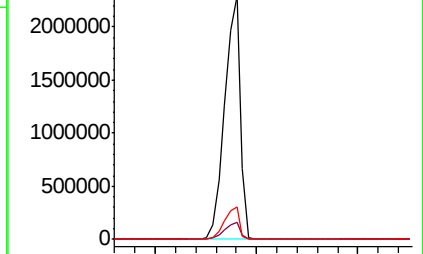
122 13.1 10.3 15.5



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: BF120159.D

Acq: 23 Apr 2020 13:22

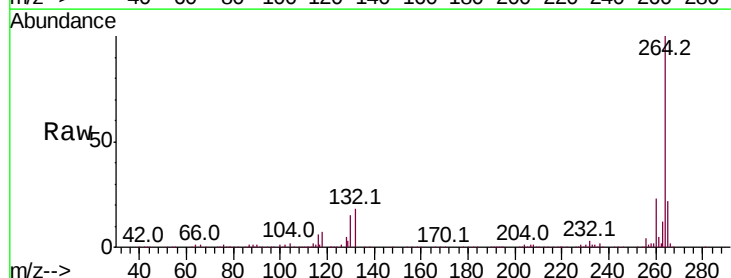
Tgt Ion:264 Resp: 504579

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.7 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

