

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120229.D
 Acq On : 27 Apr 2020 19:53
 Operator : MA/SJ
 Sample : L2405-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 01:13:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

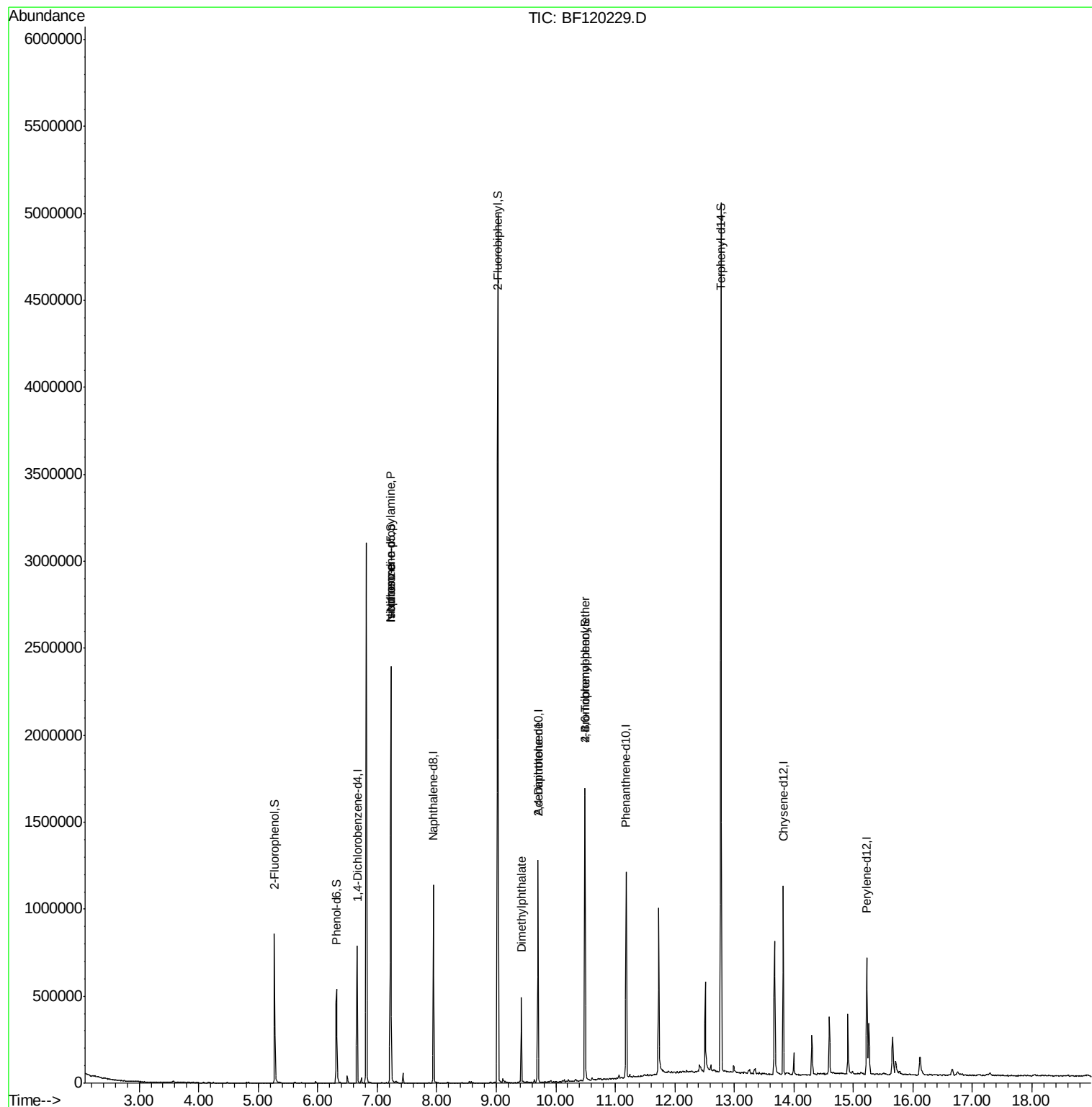
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	124214	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	477749	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	246794	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	475417	20.00	ng	0.00
76) Chrysene-d12	13.82	240	344083	20.00	ng	-0.02
87) Perylene-d12	15.23	264	288097	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	227067	31.59	ng	0.00
7) Phenol-d6	6.32	99	189296	20.44	ng	-0.01
23) Nitrobenzene-d5	7.23	82	866022	93.78	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	205628	68.05	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1603975	92.28	ng	0.00
79) Terphenyl-d14	12.78	244	1858139	90.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	112587	18.904	ng	# 75
25) Isophorone	7.23	82	866013	48.647	ng	# 65
50) Dimethylphthalate	9.42	163	176106	9.225	ng	100
57) 2,4-Dinitrotoluene	9.70	165	30799	5.592	ng	# 20
67) 4-Bromophenyl-phenylether	10.49	248	12723	2.152	ng	# 1

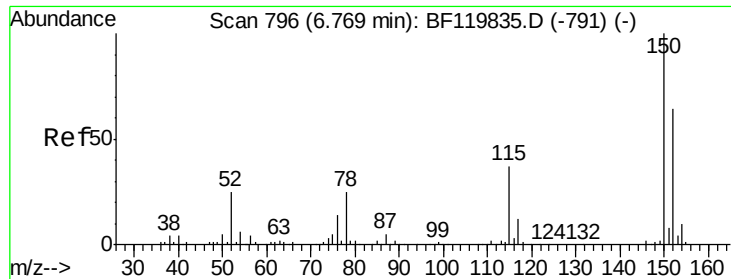
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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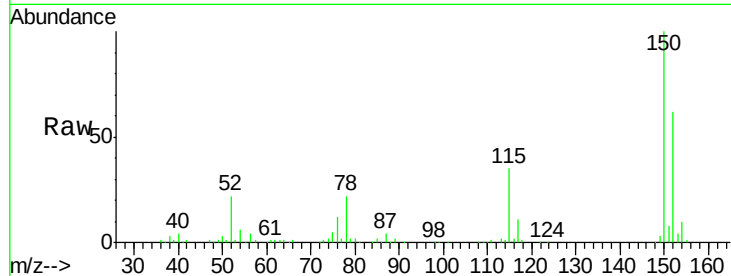




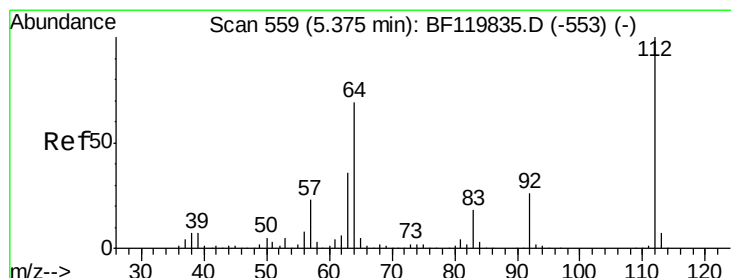
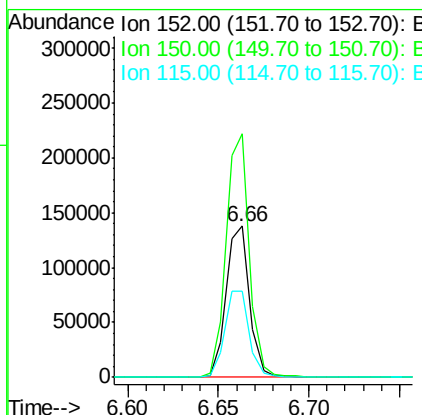
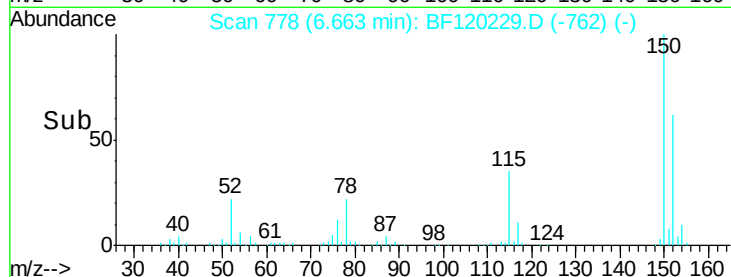
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF120229.D
 Acq: 27 Apr 2020 19:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 124214
 Ion Ratio Lower Upper
 152 100
 150 160.9 124.5 186.7
 115 57.0 49.6 74.4

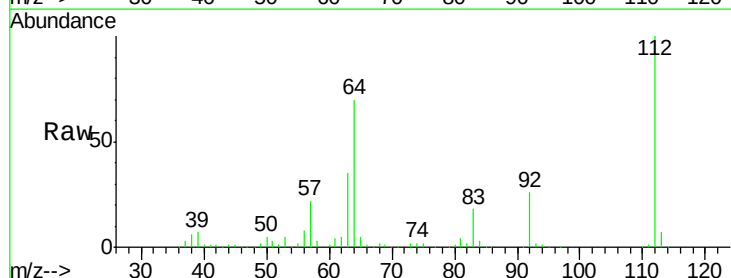


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

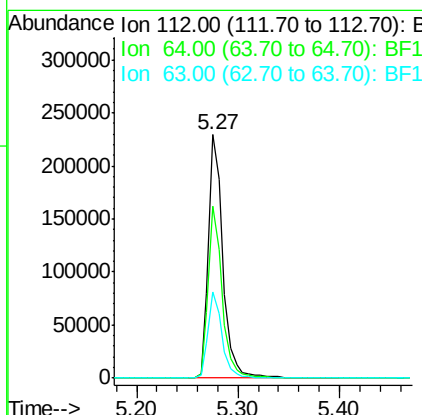
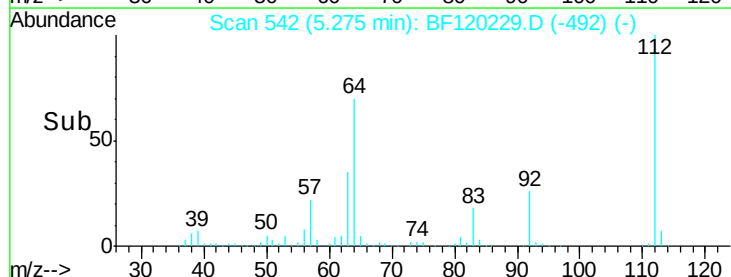


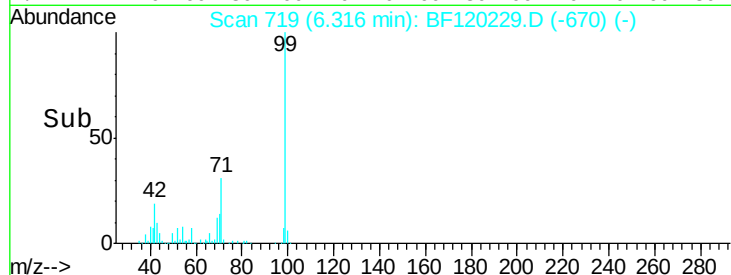
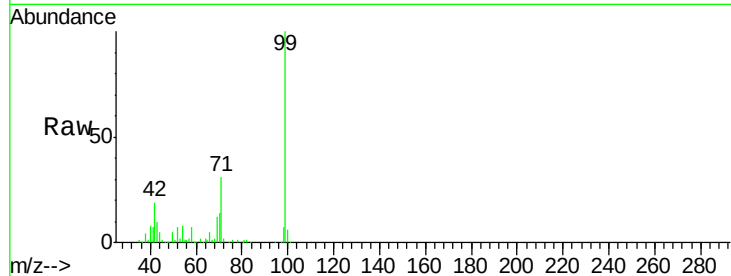
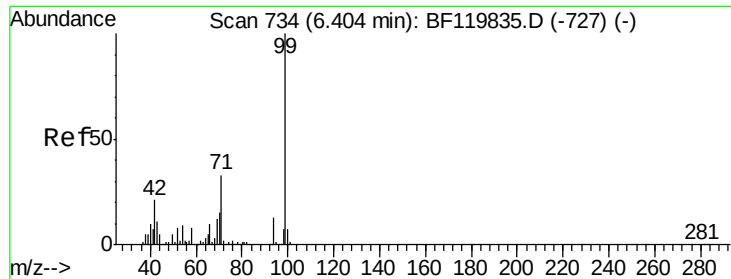
#5
 2-Fluorophenol
 Concen: 31.592 ng
 RT: 5.27 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF120229.D
 Acq: 27 Apr 2020 19:53

Tgt Ion:112 Resp: 227067
 Ion Ratio Lower Upper
 112 100
 64 70.4 56.7 85.1
 63 35.5 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: 20.439 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120229.D

Acq: 27 Apr 2020 19:53

Instrument :

BNA_F

ClientSampleId :

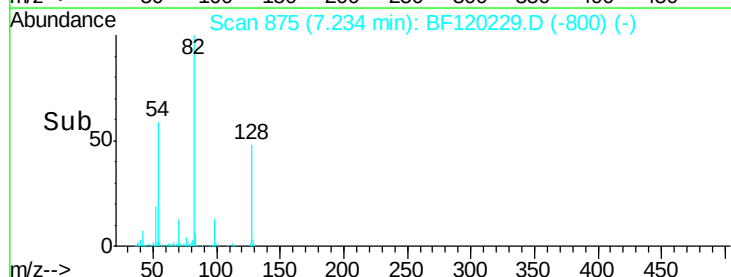
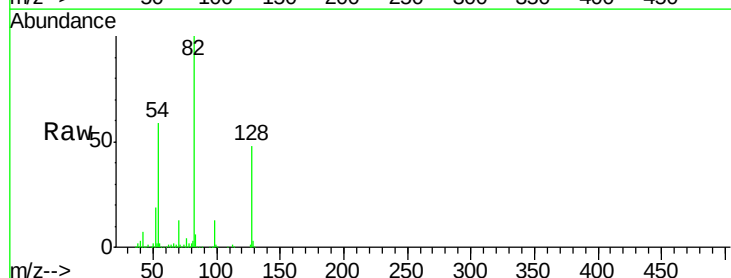
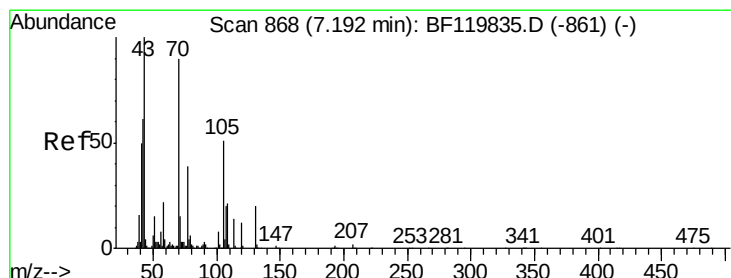
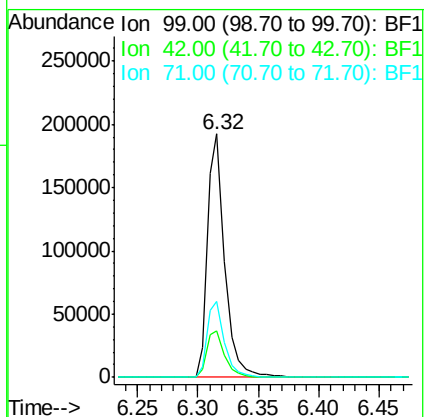
Tot Ion: 99 Resp: 189296

Ion Ratio Lower Upper

99 100

42 19.1 16.6 24.8

71 31.1 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.904 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120229.D

Acq: 27 Apr 2020 19:53

Tgt Ion: 70 Resp: 112587

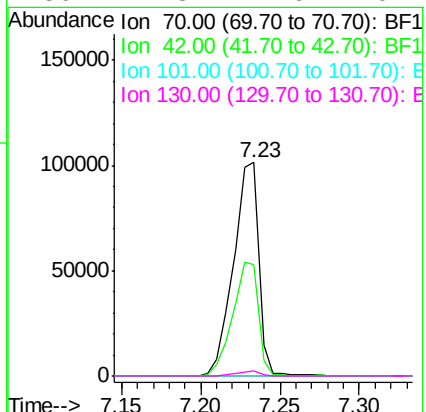
Ion Ratio Lower Upper

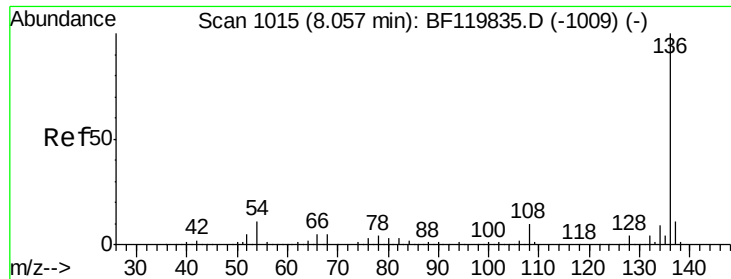
70 100

42 52.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

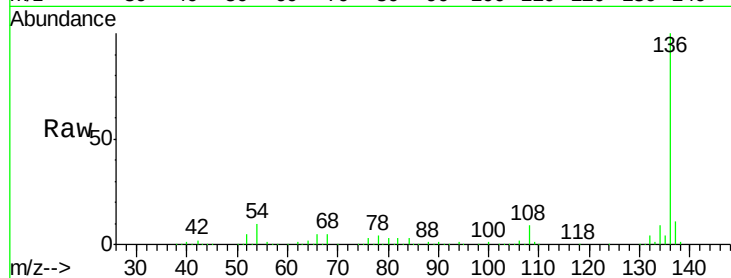




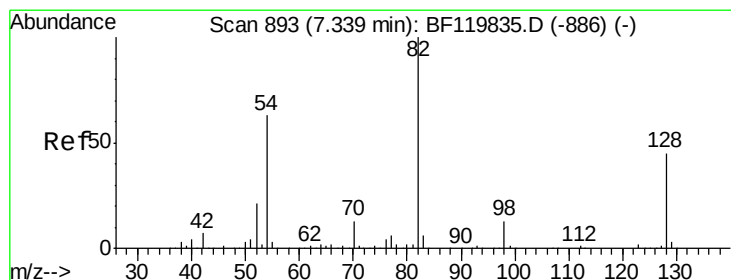
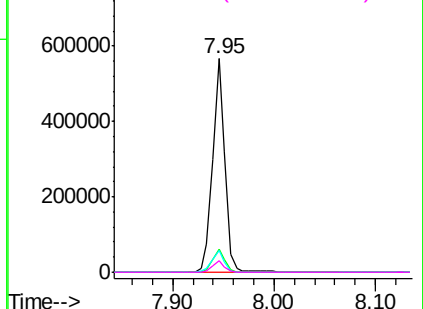
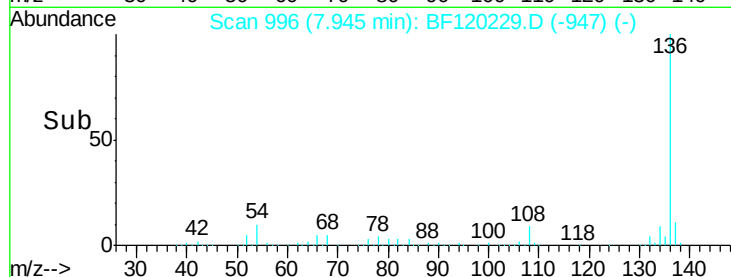
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120229.D
Acq: 27 Apr 2020 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	477749
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.7 13.1
54	10.0	9.1 13.7
68	5.3	4.6 6.8

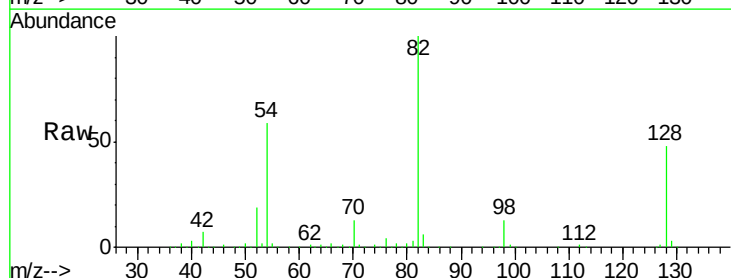


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

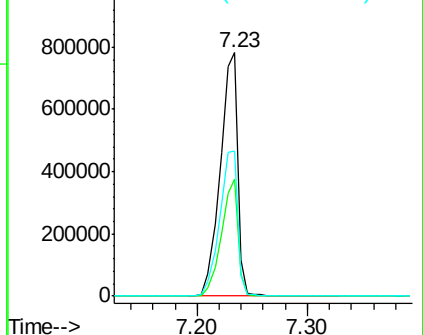
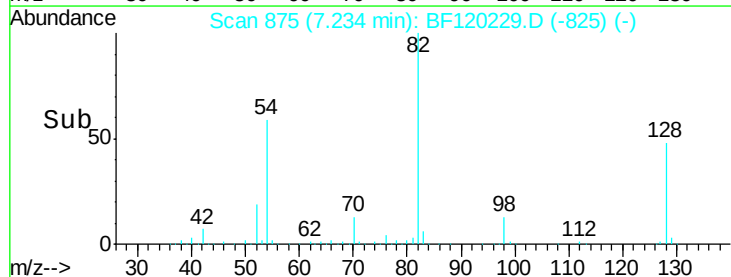


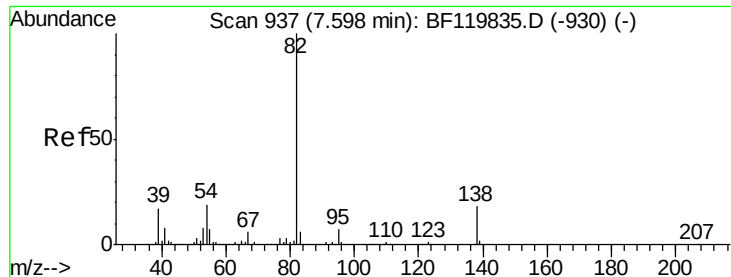
#23
Nitrobenzene-d5
Concen: 93.778 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120229.D
Acq: 27 Apr 2020 19:53

Tgt Ion: 82	Resp:	866022
Ion	Ratio	Lower Upper
82	100	
128	48.0	36.3 54.5
54	59.5	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: 48.647 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120229.D

Acq: 27 Apr 2020 19:53

Instrument :

BNA_F

ClientSampleId :

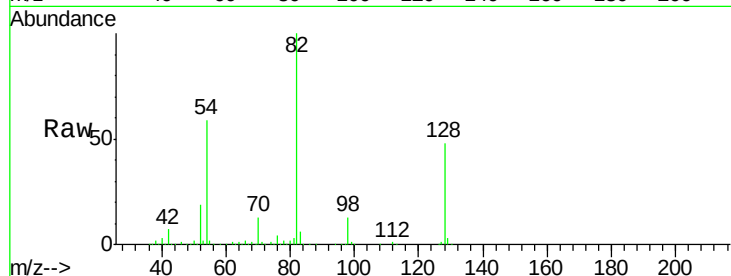
Tot Ion: 82 Resp: 866013

Ion Ratio Lower Upper

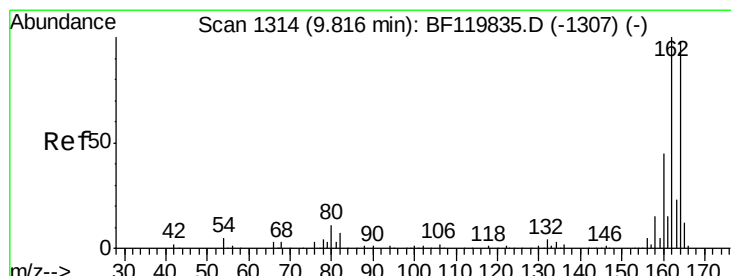
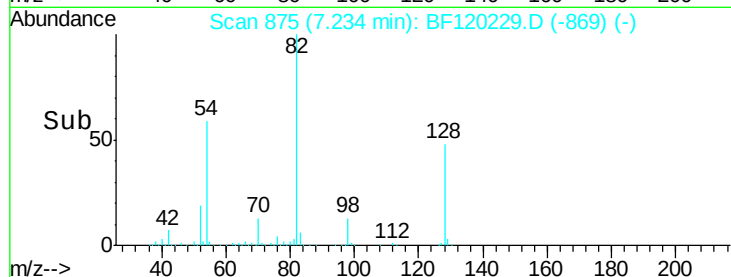
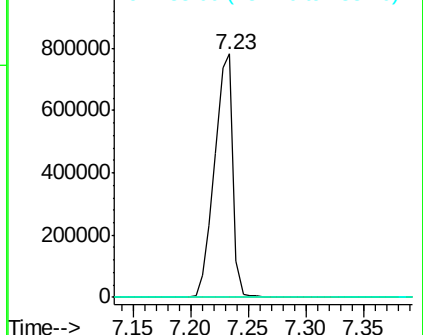
82 100

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: BF120229.D

Acq: 27 Apr 2020 19:53

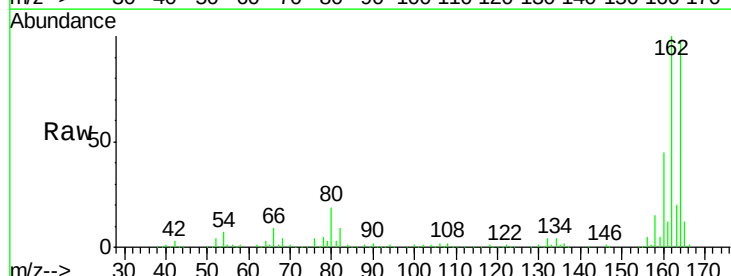
Tgt Ion: 164 Resp: 246794

Ion Ratio Lower Upper

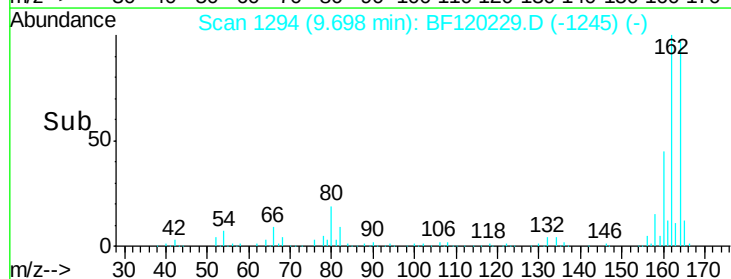
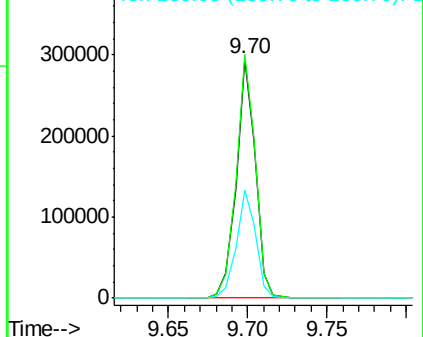
164 100

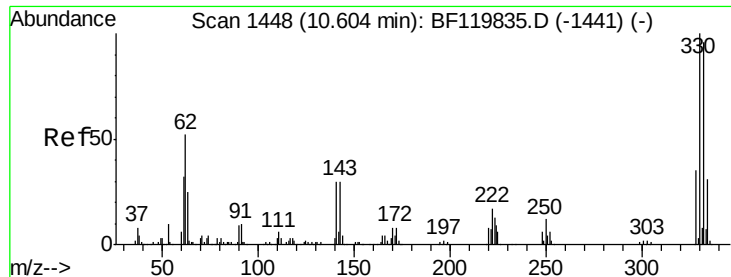
162 102.0 80.6 121.0

160 45.4 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 68.053 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF120229.D

Acq: 27 Apr 2020 19:53

Instrument :

BNA_F

ClientSampleId :

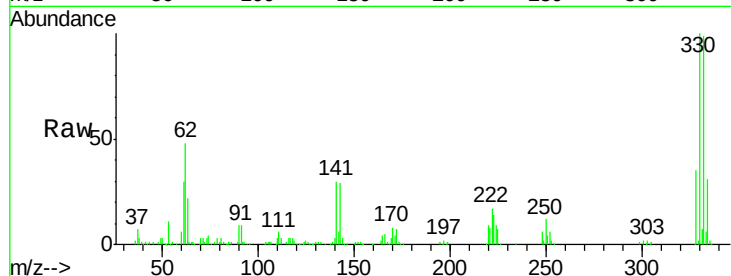
Tot Ion:330 Resp: 205628

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

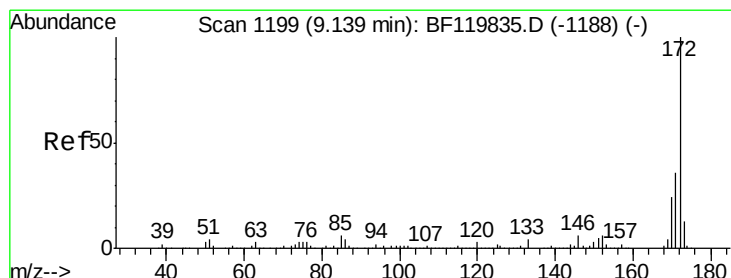
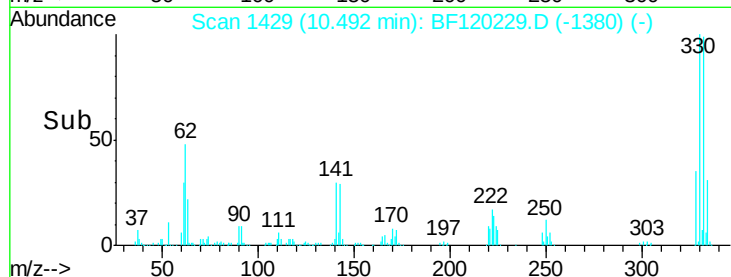
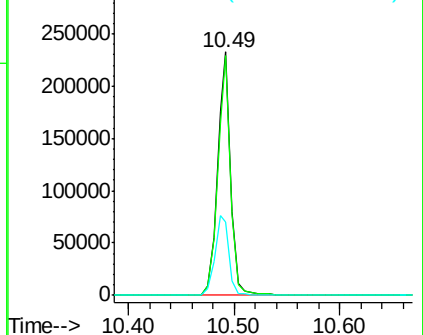
141 35.5 25.4 38.0



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: 92.275 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF120229.D

Acq: 27 Apr 2020 19:53

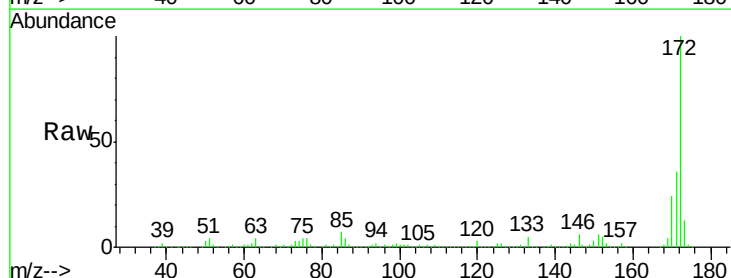
Tgt Ion:172 Resp: 1603975

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

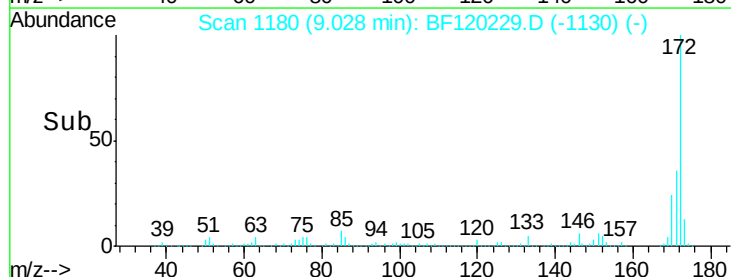
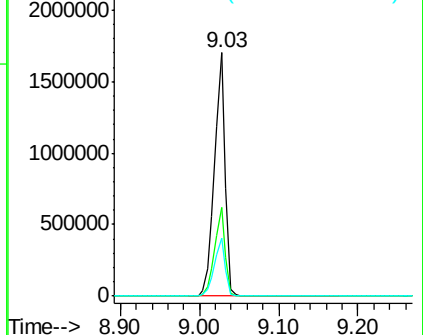
170 24.0 20.2 30.2

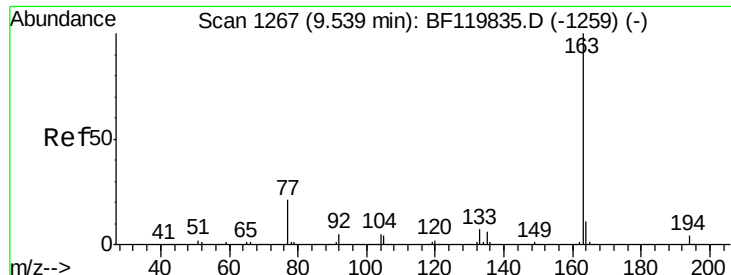


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

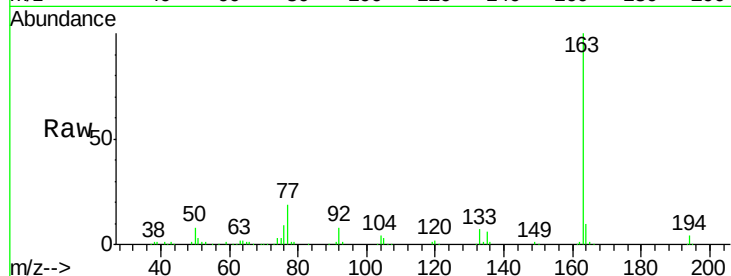




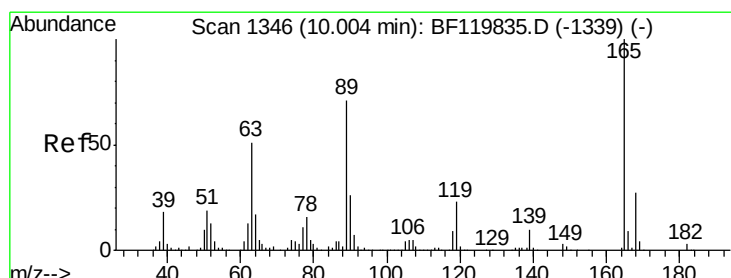
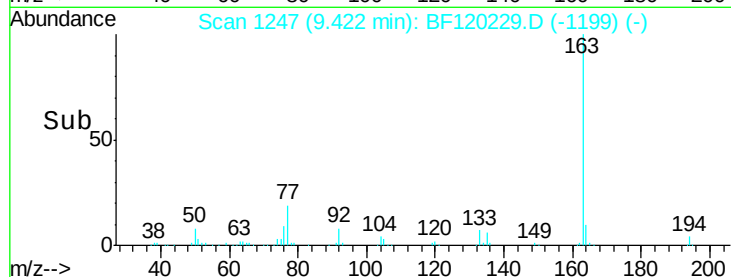
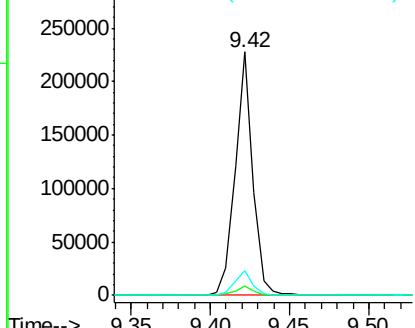
#50
Dimethylphthalate
Concen: 9.225 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120229.D
Acq: 27 Apr 2020 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 176106
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.2 12.2

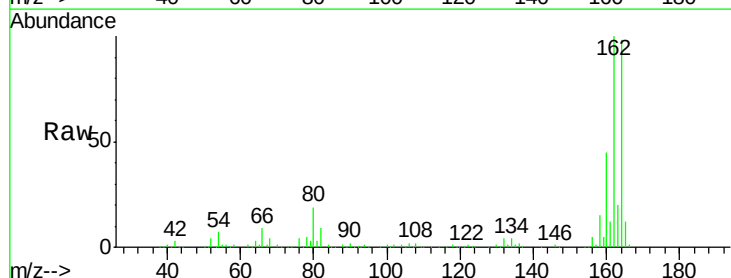


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

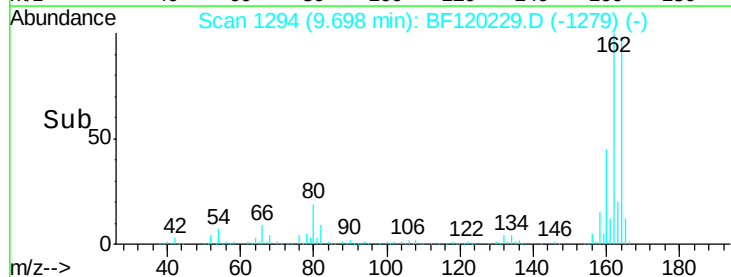
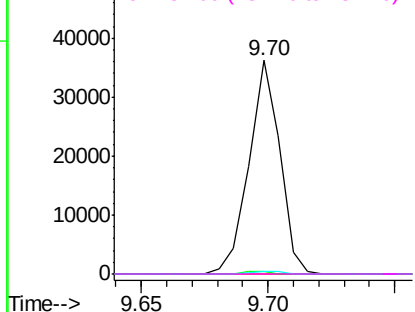


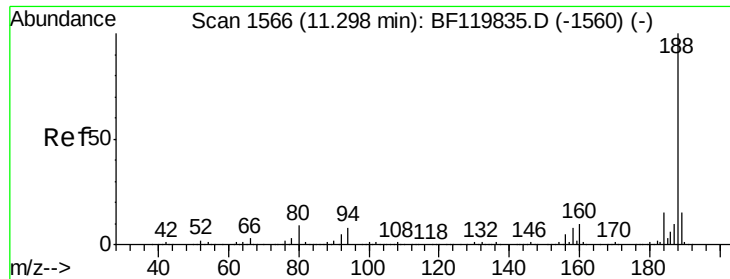
#57
2,4-Dinitrotoluene
Concen: 5.592 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.21 min
Lab File: BF120229.D
Acq: 27 Apr 2020 19:53

Tgt Ion:165 Resp: 30799
Ion Ratio Lower Upper
165 100
63 1.0 42.6 64.0#
89 1.5 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

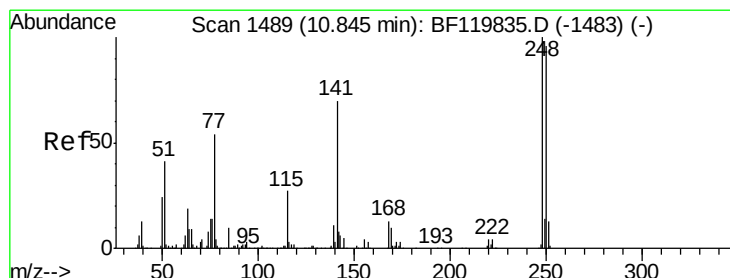
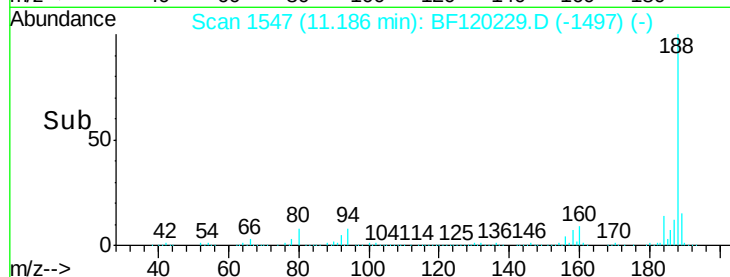
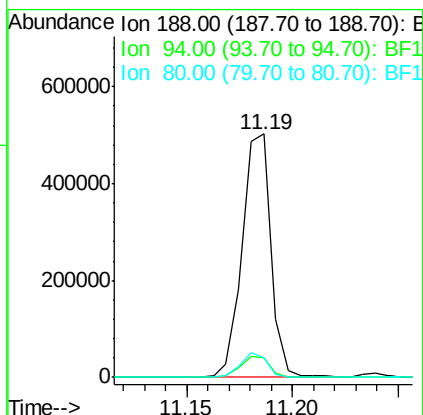
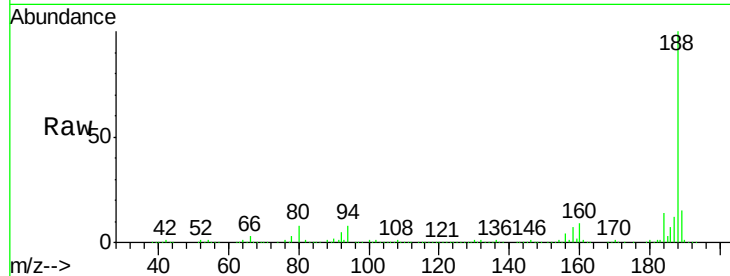




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF120229.D
 Acq: 27 Apr 2020 19:53

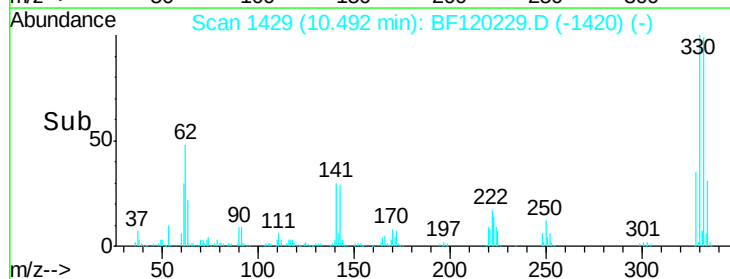
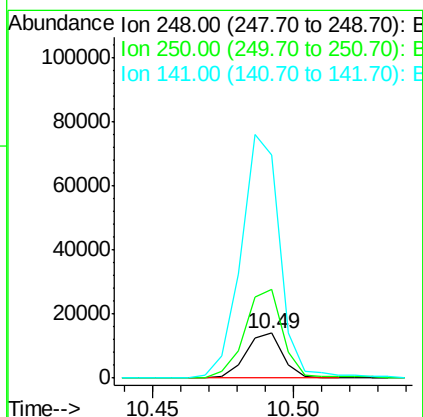
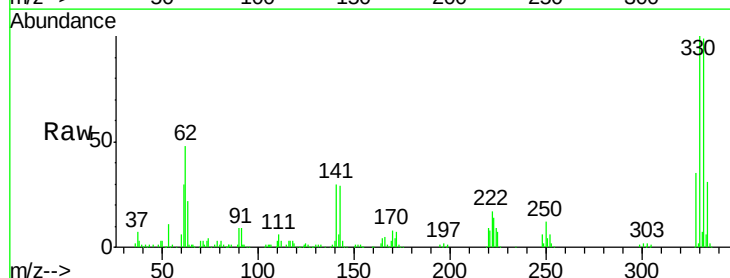
Instrument :
 BNA_F
 ClientSampleId :

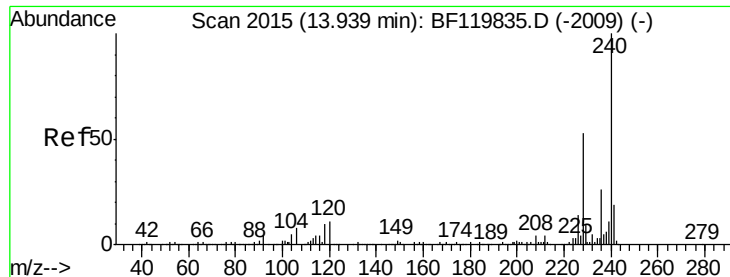
Tot Ion:188 Resp: 475417
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.5 11.3
 80 7.9 9.0 13.4#



#67
 4-Bromophenyl-phenylether
 Concen: 2.152 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.25 min
 Lab File: BF120229.D
 Acq: 27 Apr 2020 19:53

Tgt Ion:248 Resp: 12723
 Ion Ratio Lower Upper
 248 100
 250 197.8 77.3 115.9#
 141 495.8 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF120229.D

Acq: 27 Apr 2020 19:53

Instrument :

BNA_F

ClientSampleId :

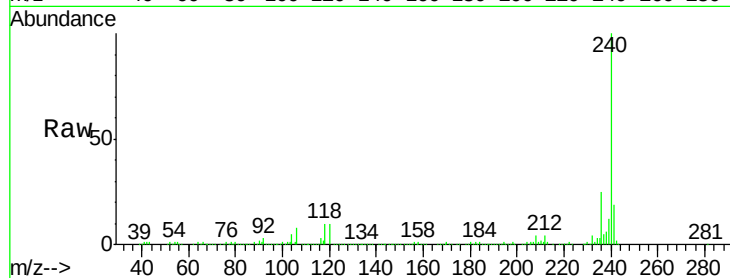
Tot Ion:240 Resp: 344083

Ion Ratio Lower Upper

240 100

120 10.4 10.6 15.8#

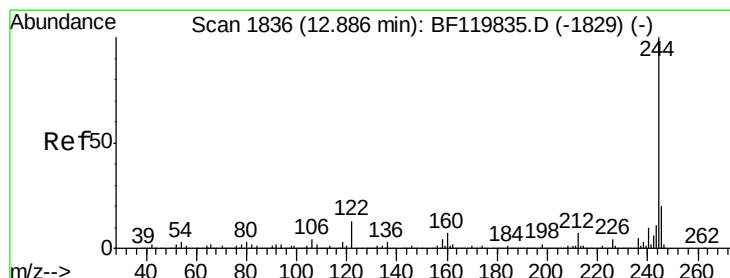
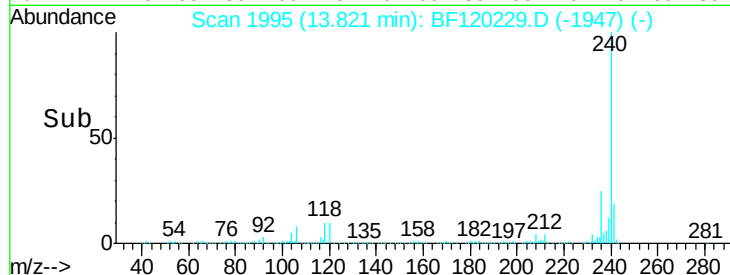
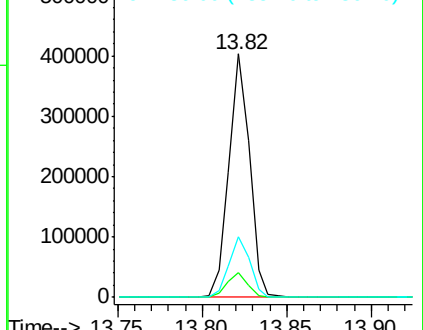
236 24.9 20.2 30.2



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: 90.868 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120229.D

Acq: 27 Apr 2020 19:53

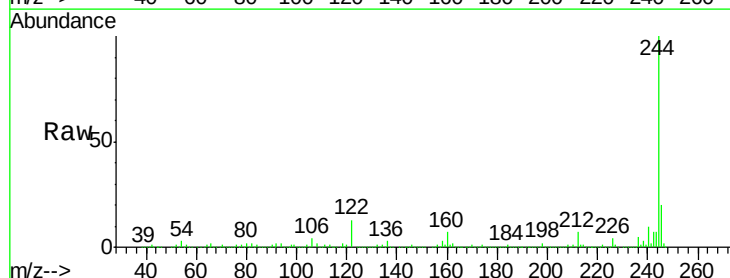
Tgt Ion:244 Resp: 1858139

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

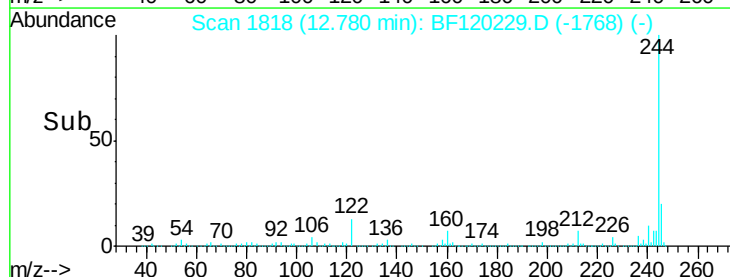
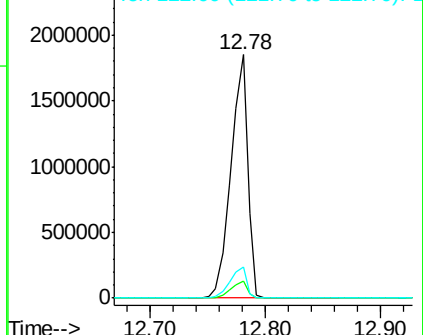
122 12.9 10.3 15.5

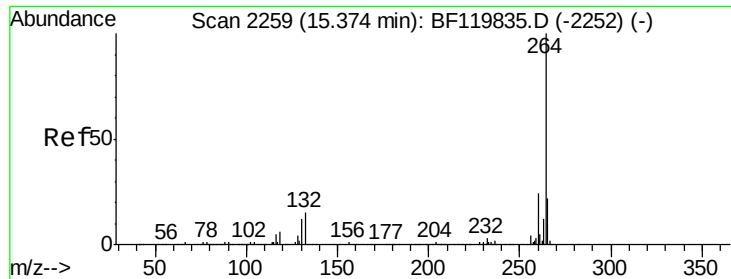


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

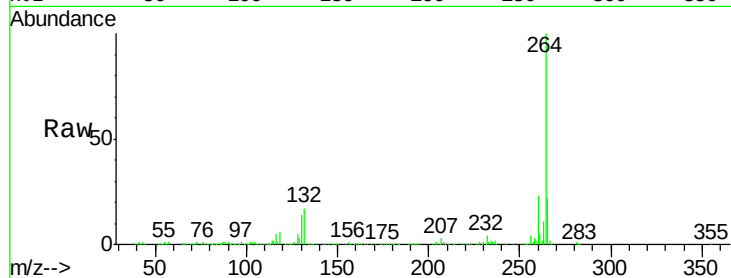




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120229.D
 Acq: 27 Apr 2020 19:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.5	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

