

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113160.D
 Acq On : 20 Mar 2019 8:16
 Operator : JU/SJ
 Sample : K1948-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-026-B020-031319

Quant Time: Mar 20 09:20:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

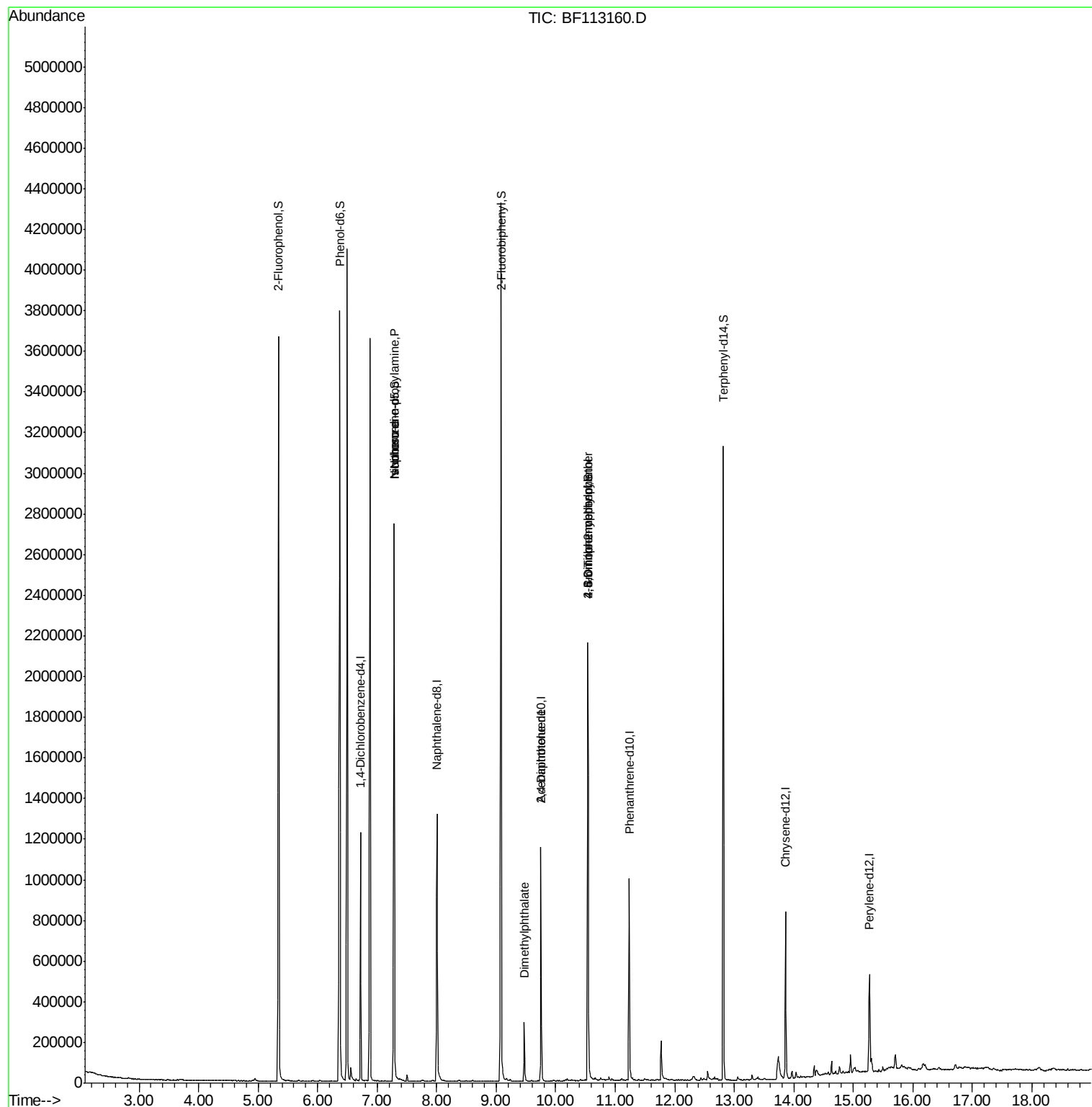
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	173138	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	657431	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	238518	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	392007	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	311063	20.00	ng	0.00
87) Perylene-d12	15.27	264	240196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1169465	105.07	ng	0.00
7) Phenol-d6	6.37	99	1631481	116.69	ng	0.00
23) Nitrobenzene-d5	7.29	82	950035	86.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	304656	120.31	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1419554	105.09	ng	-0.01
79) Terphenyl-d14	12.82	244	1087987	67.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	125460	14.168	ng	# 75
25) Isophorone	7.29	82	933790	39.451	ng	# 66
50) Dimethylphthalate	9.47	163	137865	7.839	ng	# 99
57) 2,4-Dinitrotoluene	9.75	165	29939	6.577	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.54	198	485	4.885	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	17242	4.176	ng	# 1

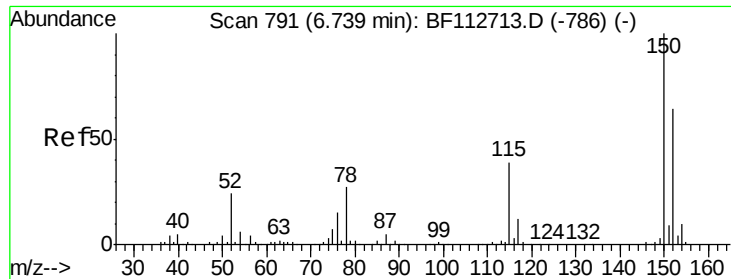
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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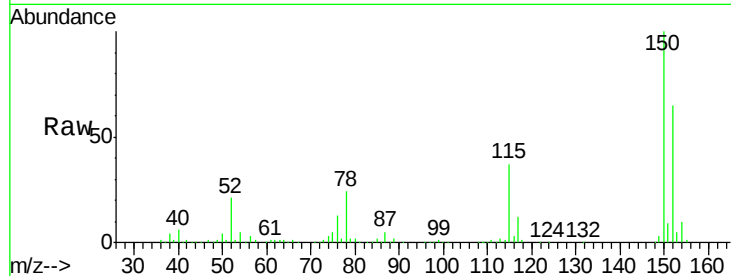




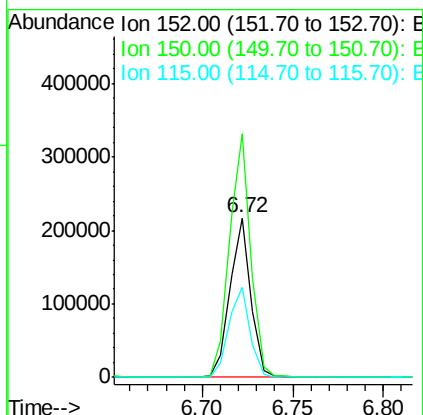
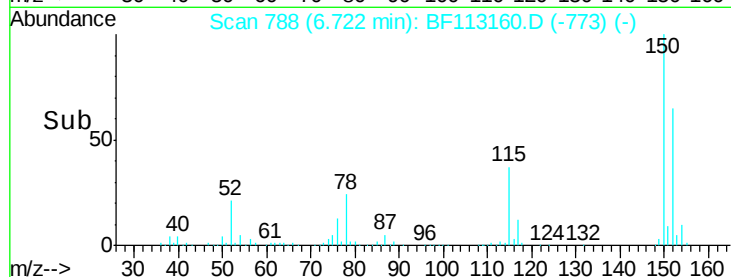
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113160.D
 Acq: 20 Mar 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PST-026-B020-031319

Tgt Ion:152 Resp: 173138
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.2 186.2
 115 56.2 48.2 72.4

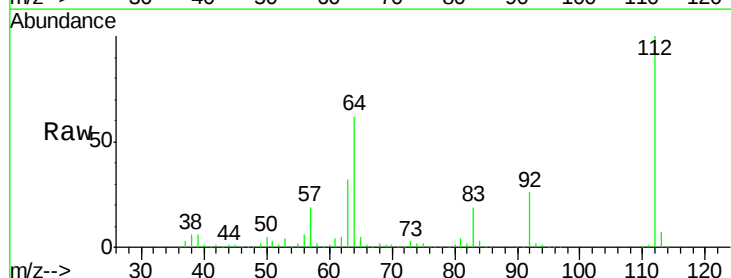


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

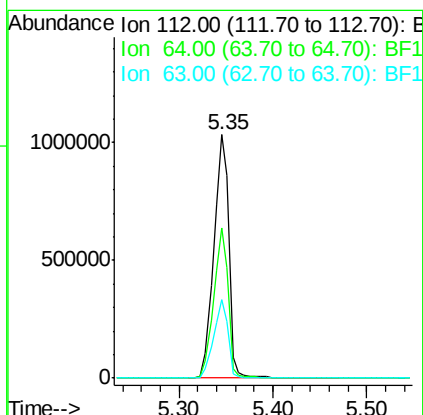
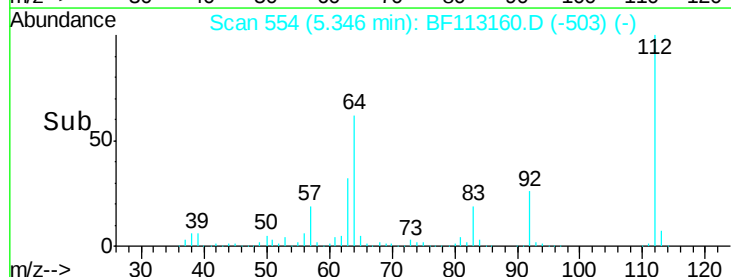


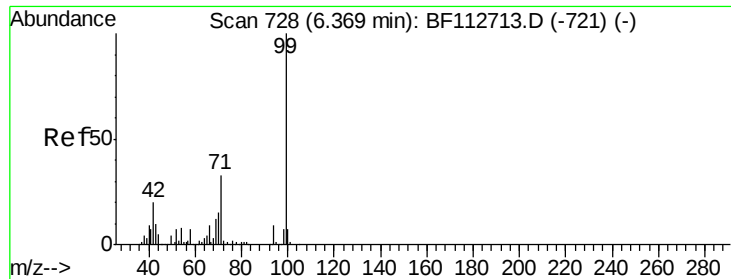
#5
 2-Fluorophenol
 Concen: 105.070 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF113160.D
 Acq: 20 Mar 2019 8:16

Tgt Ion:112 Resp: 1169465
 Ion Ratio Lower Upper
 112 100
 64 61.6 47.6 71.4
 63 32.1 24.4 36.6



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: 116.688 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

Instrument :

BNA_F

ClientSampleId :

PST-026-B020-031319

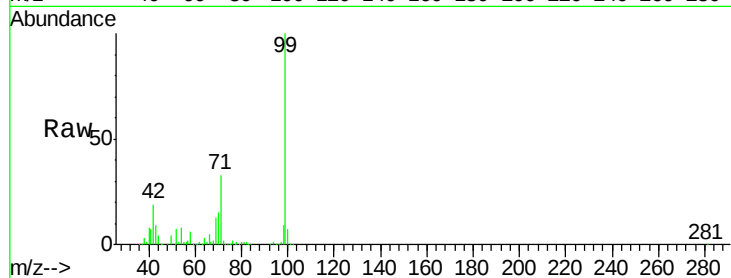
Tgt Ion: 99 Resp: 1631481

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

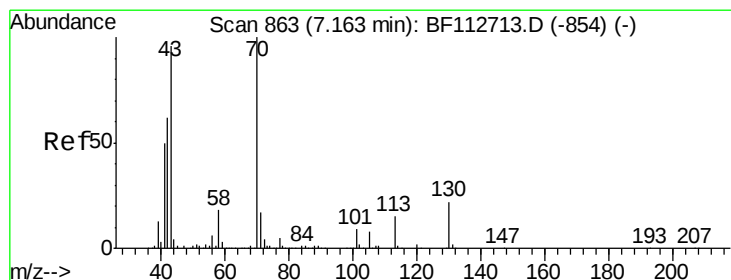
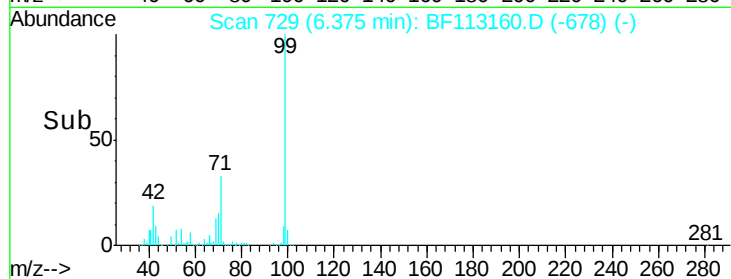
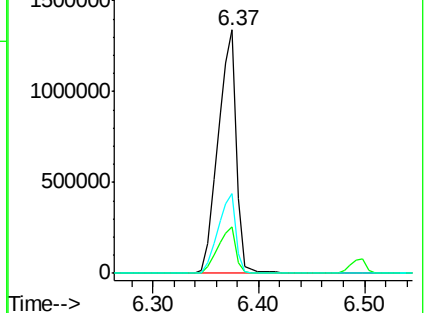
71 32.5 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.168 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

Tgt Ion: 70 Resp: 125460

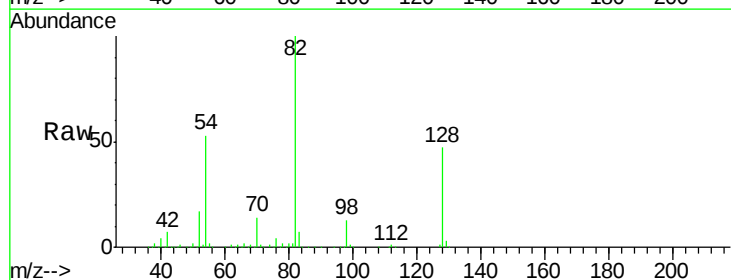
Ion Ratio Lower Upper

70 100

42 47.6 49.9 74.9#

101 0.0 7.4 11.2#

130 1.9 17.4 26.2#

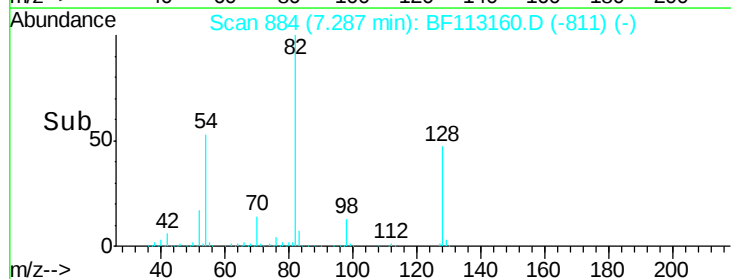
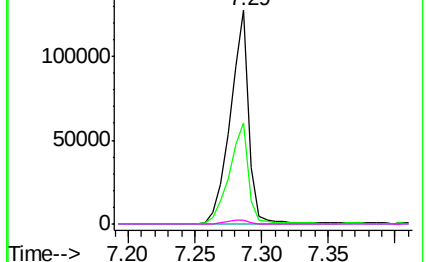


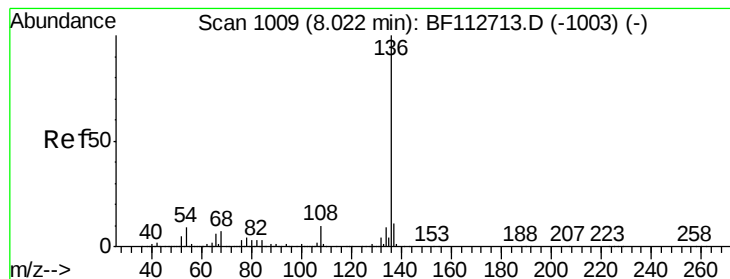
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

Instrument :

BNA_F

ClientSampleId :

PST-026-B020-031319

Tgt Ion: 136 Resp: 657431

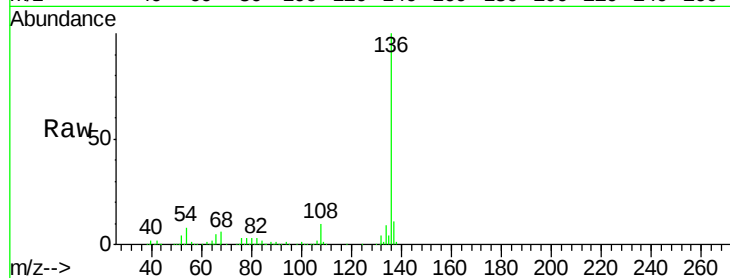
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 7.3 10.9

68 5.6 5.4 8.2

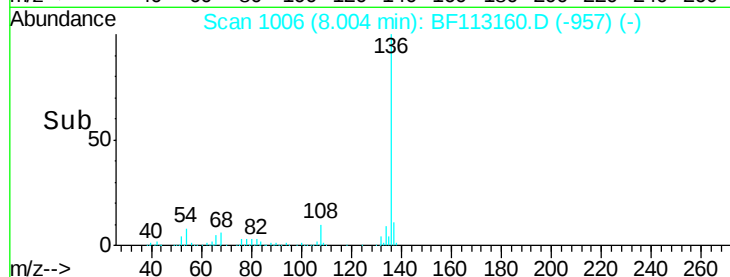


Abundance Ion 136.00 (135.70 to 136.70): E

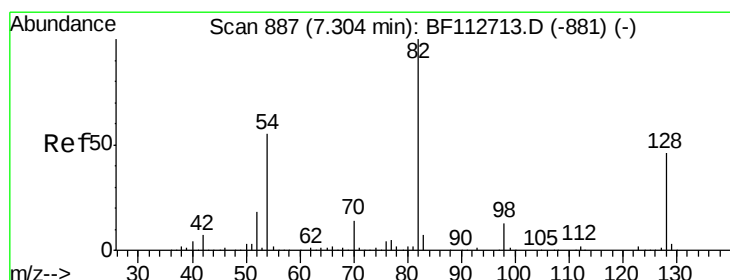
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 86.470 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

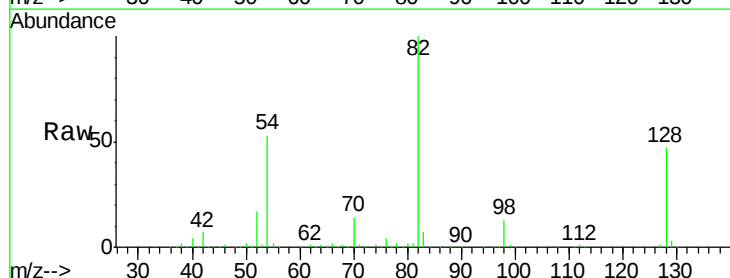
Tgt Ion: 82 Resp: 950035

Ion Ratio Lower Upper

82 100

128 47.3 36.3 54.5

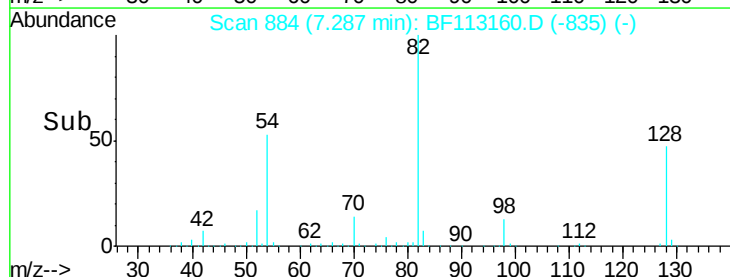
54 53.5 43.7 65.5



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



Time-->



#25

Isophorone

Concen: 39.451 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

Instrument :

BNA_F

ClientSampleId :

PST-026-B020-031319

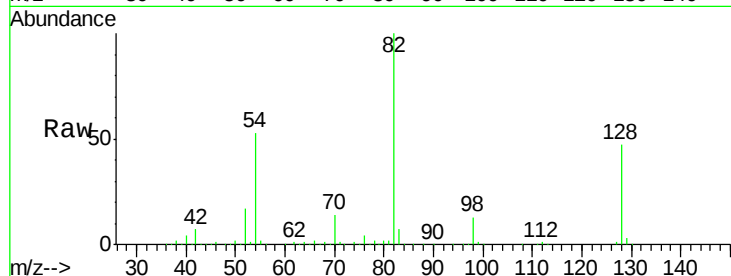
Tgt Ion: 82 Resp: 933790

Ion Ratio Lower Upper

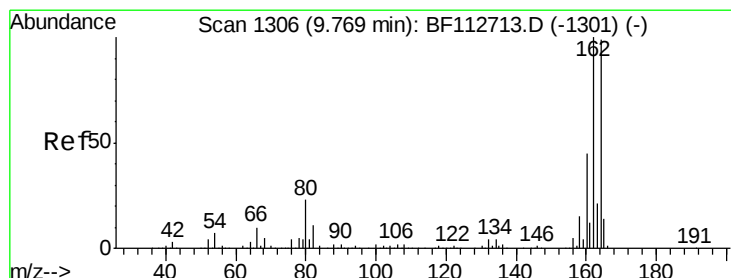
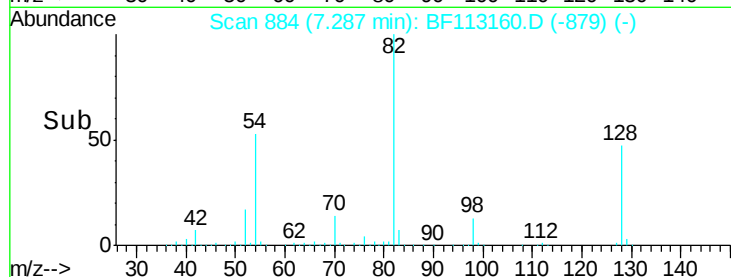
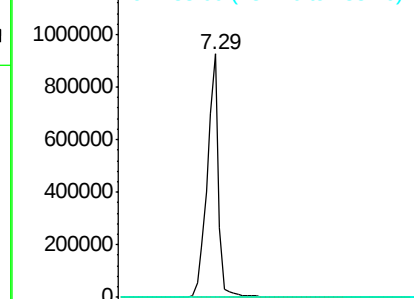
82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



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: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

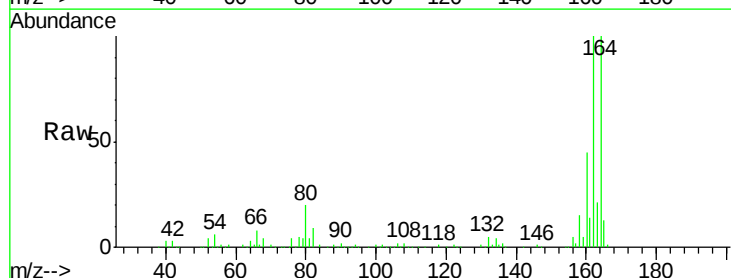
Tgt Ion: 164 Resp: 238518

Ion Ratio Lower Upper

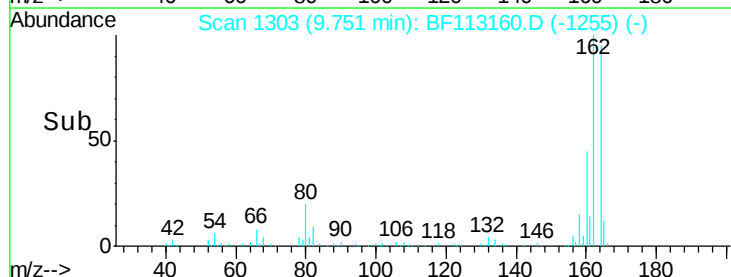
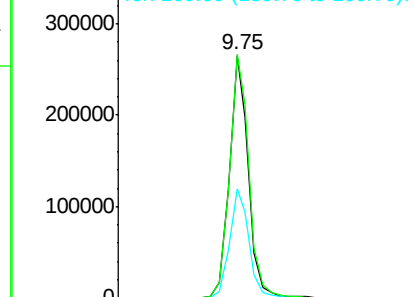
164 100

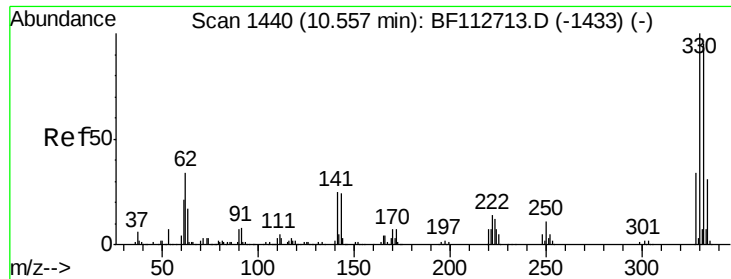
162 100.4 80.6 120.8

160 45.1 36.0 54.0



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: 120.314 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

Instrument :

BNA_F

ClientSampleId :

PST-026-B020-031319

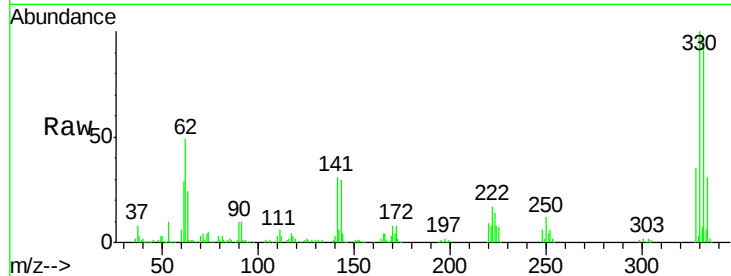
Tgt Ion:330 Resp: 304656

Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

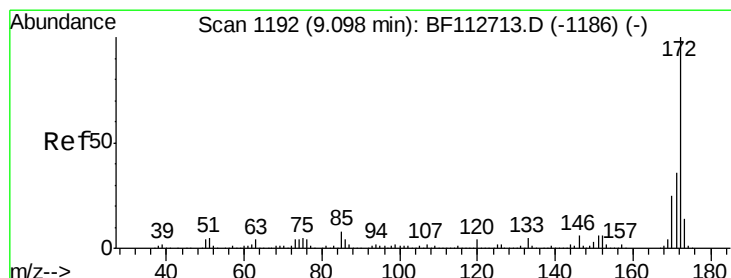
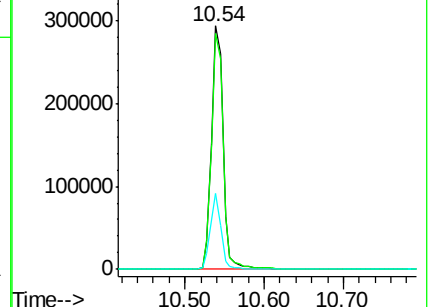
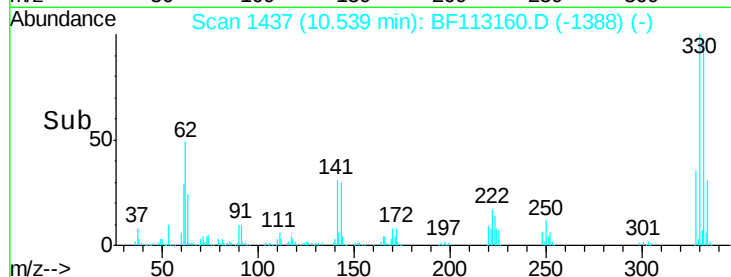
141 28.8 27.0 40.6



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: 105.093 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

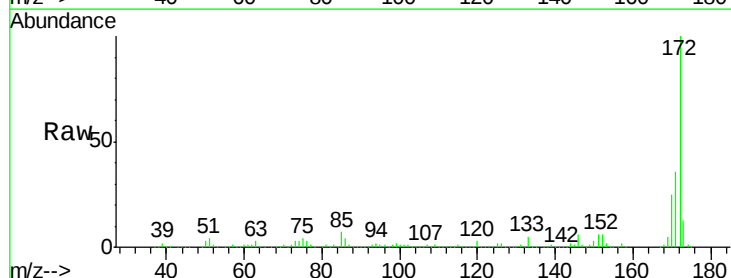
Tgt Ion:172 Resp: 1419554

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

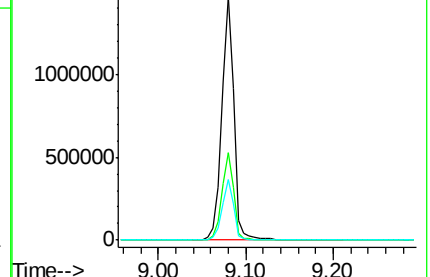
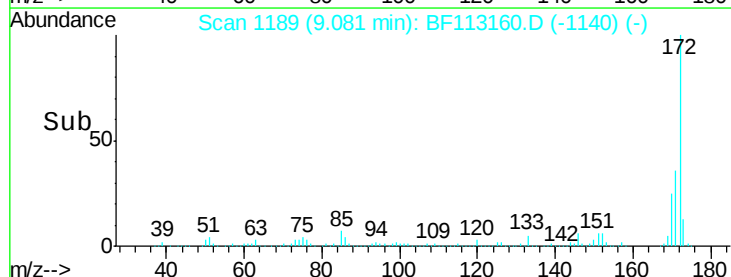
170 24.9 20.0 30.0

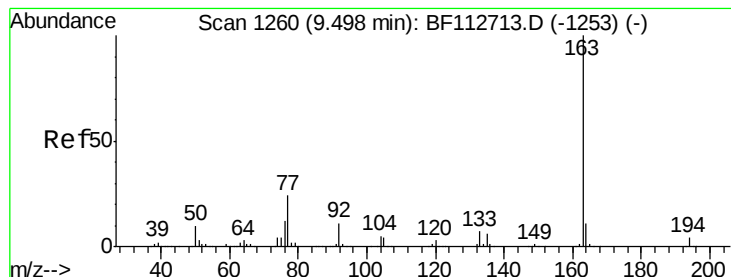


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.839 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.03 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

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PST-026-B020-031319

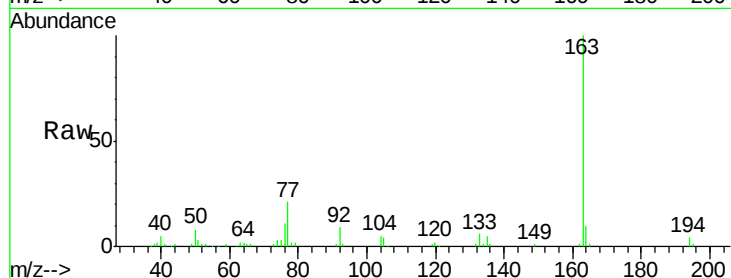
Tgt Ion:163 Resp: 137865

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

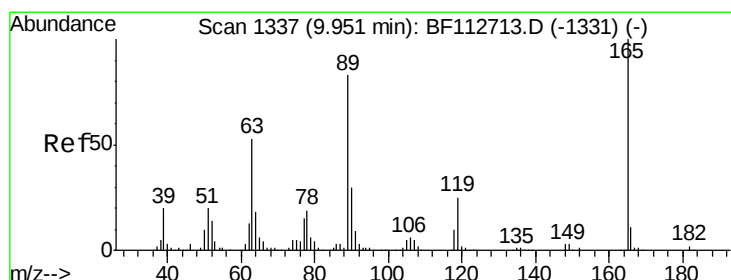
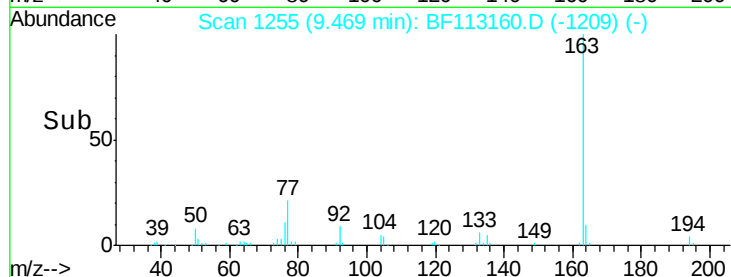
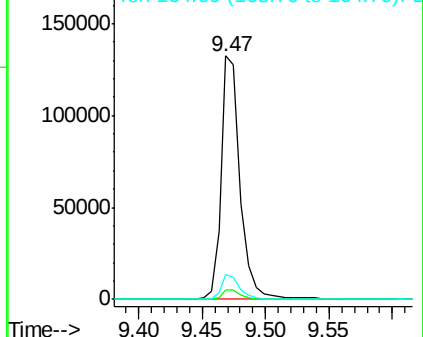
164 10.2 8.4 12.6



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: 6.577 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

Tgt Ion:165 Resp: 29939

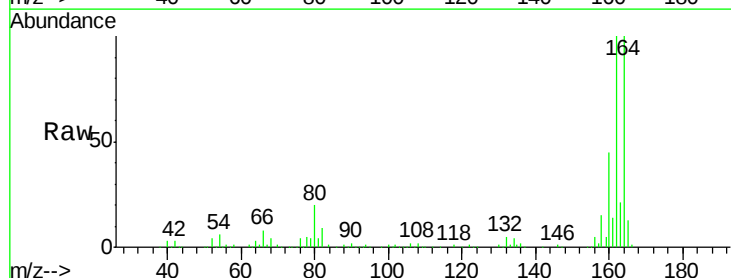
Ion Ratio Lower Upper

165 100

63 1.1 42.2 63.2#

89 1.5 66.2 99.4#

182 0.0 1.8 2.6#

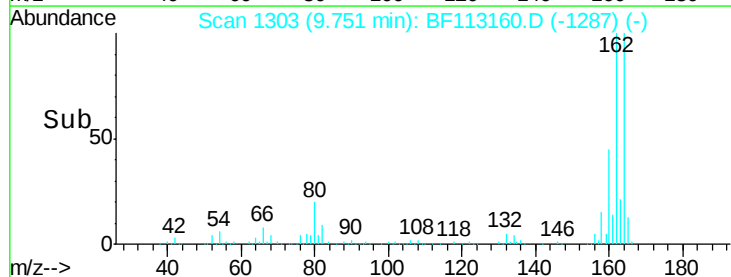
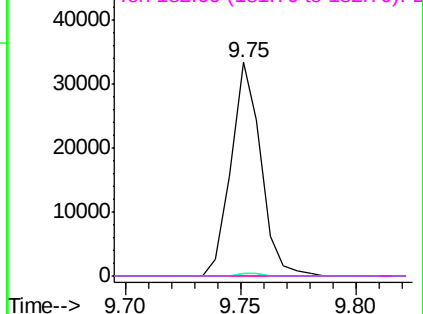


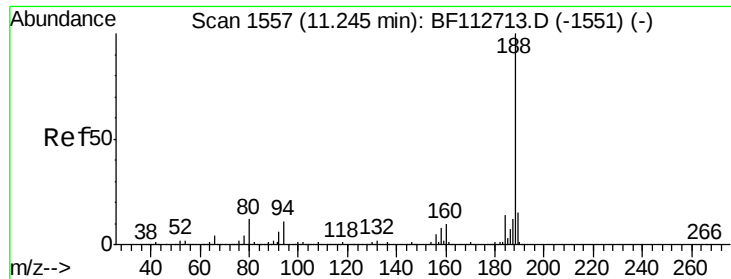
Abundance Ion 165.00 (164.70 to 165.70): E

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

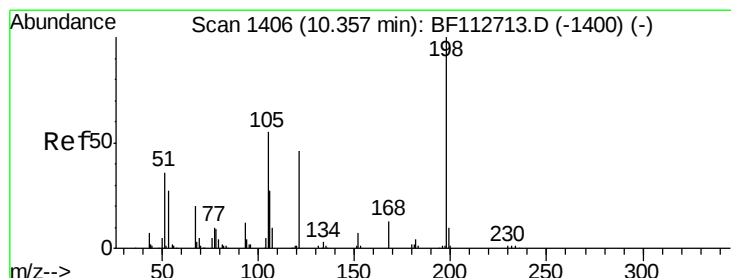
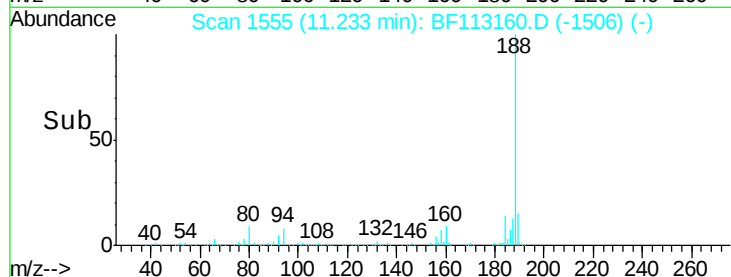
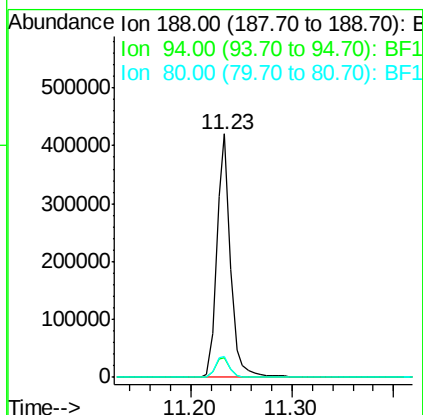
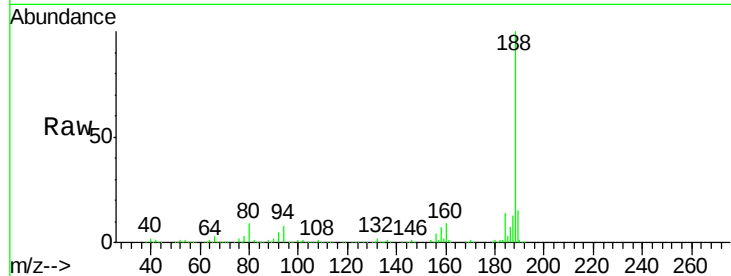




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113160.D
Acq: 20 Mar 2019 8:16

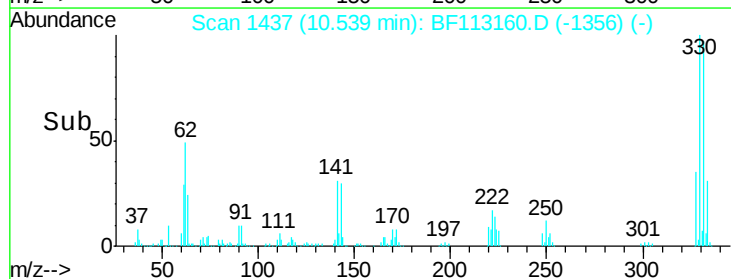
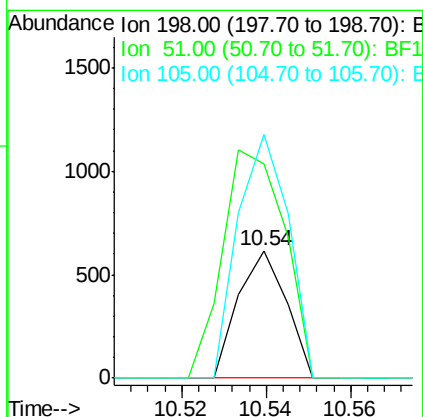
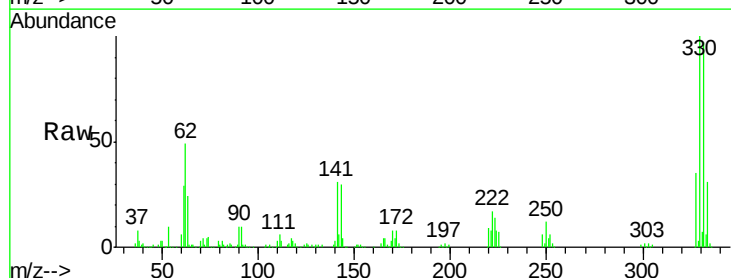
Instrument :
BNA_F
ClientSampleId :
PST-026-B020-031319

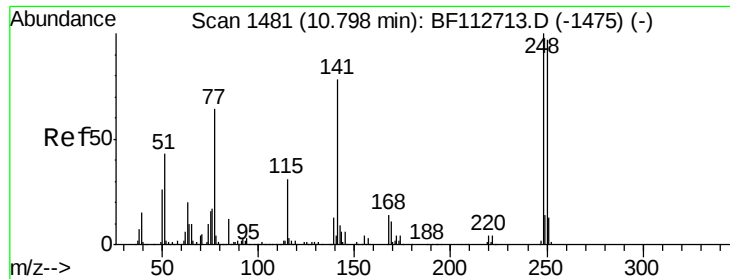
Tgt Ion:188 Resp: 392007
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.4#
80 8.7 9.2 13.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.885 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113160.D
Acq: 20 Mar 2019 8:16

Tgt Ion:198 Resp: 485
Ion Ratio Lower Upper
198 100
51 167.7 43.8 83.8#
105 190.8 36.5 76.5#

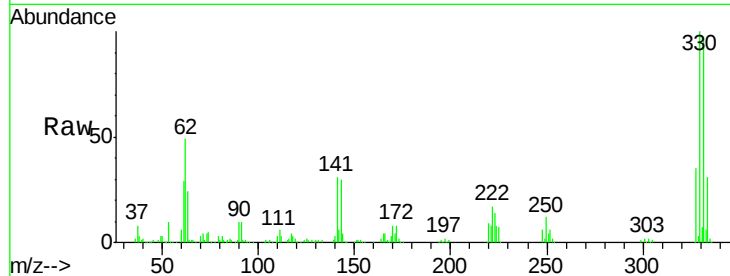




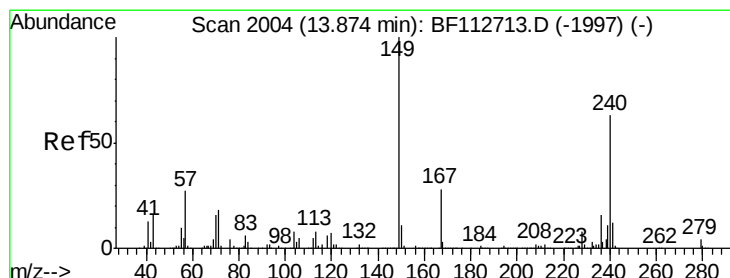
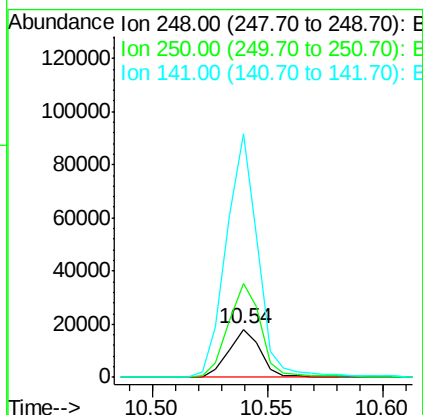
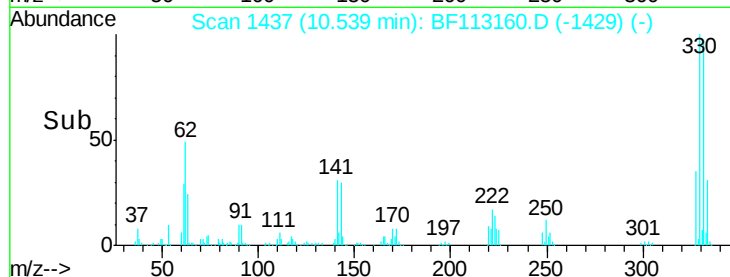
#67
4-Bromophenyl-phenylether
Concen: 4.176 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113160.D
Acq: 20 Mar 2019 8:16

Instrument :
BNA_F
ClientSampleId :
PST-026-B020-031319

Tgt Ion:248 Resp: 17242
Ion Ratio Lower Upper
248 100
250 195.7 77.5 116.3#
141 505.5 62.4 93.6#

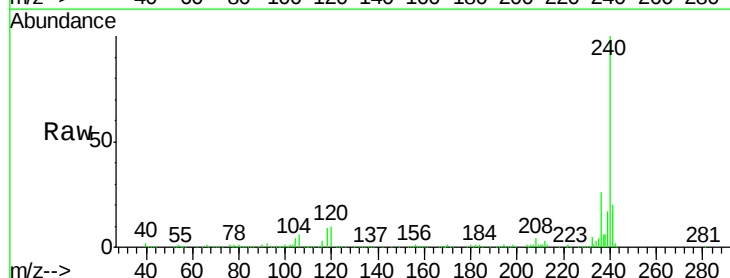


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

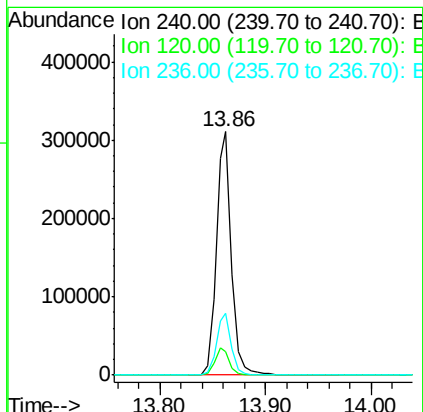
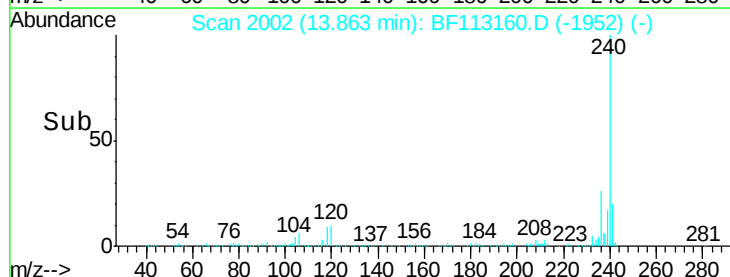


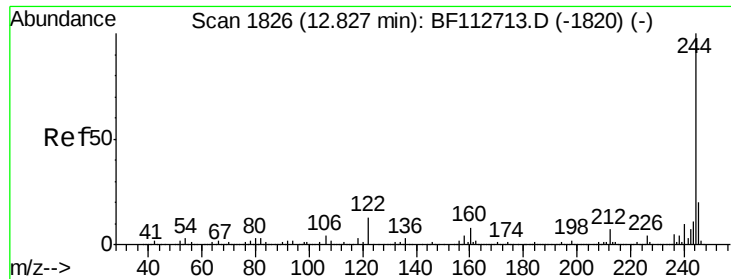
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113160.D
Acq: 20 Mar 2019 8:16

Tgt Ion:240 Resp: 311063
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.6 20.7 31.1



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: 67.802 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

Instrument :

BNA_F

ClientSampleId :

PST-026-B020-031319

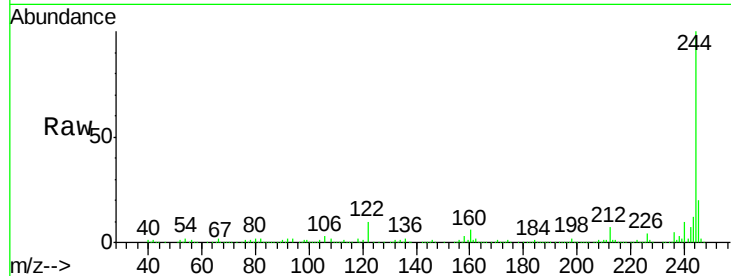
Tgt Ion:244 Resp: 1087987

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

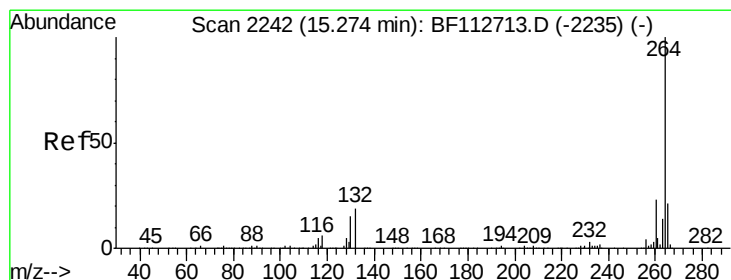
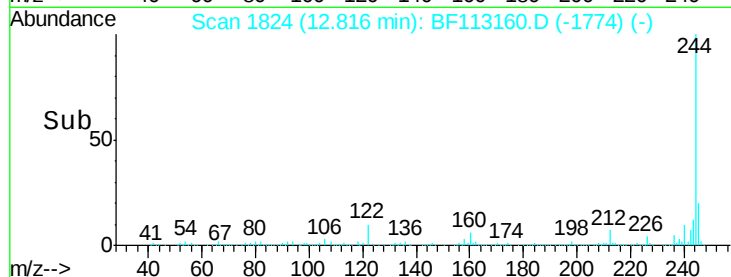
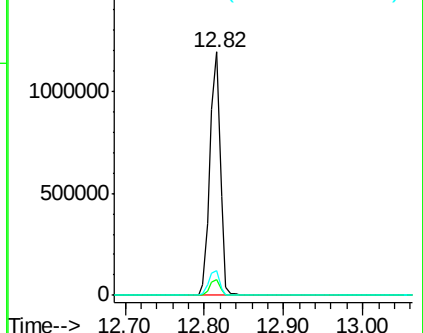
122 10.3 10.5 15.7#



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113160.D

Acq: 20 Mar 2019 8:16

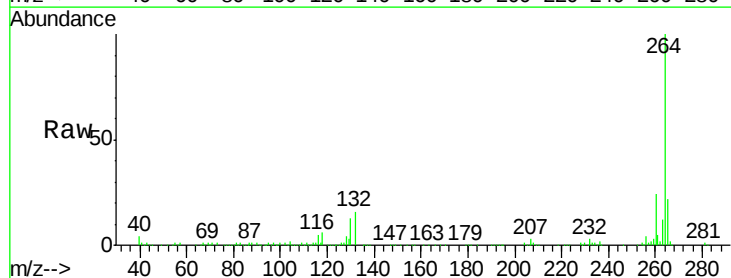
Tgt Ion:264 Resp: 240196

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.5 17.2 25.8



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

