

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
 Data File : BF113015.D
 Acq On : 12 Mar 2019 21:01
 Operator : JU/SJ
 Sample : K1824-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-2

Quant Time: Mar 13 03:58:42 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

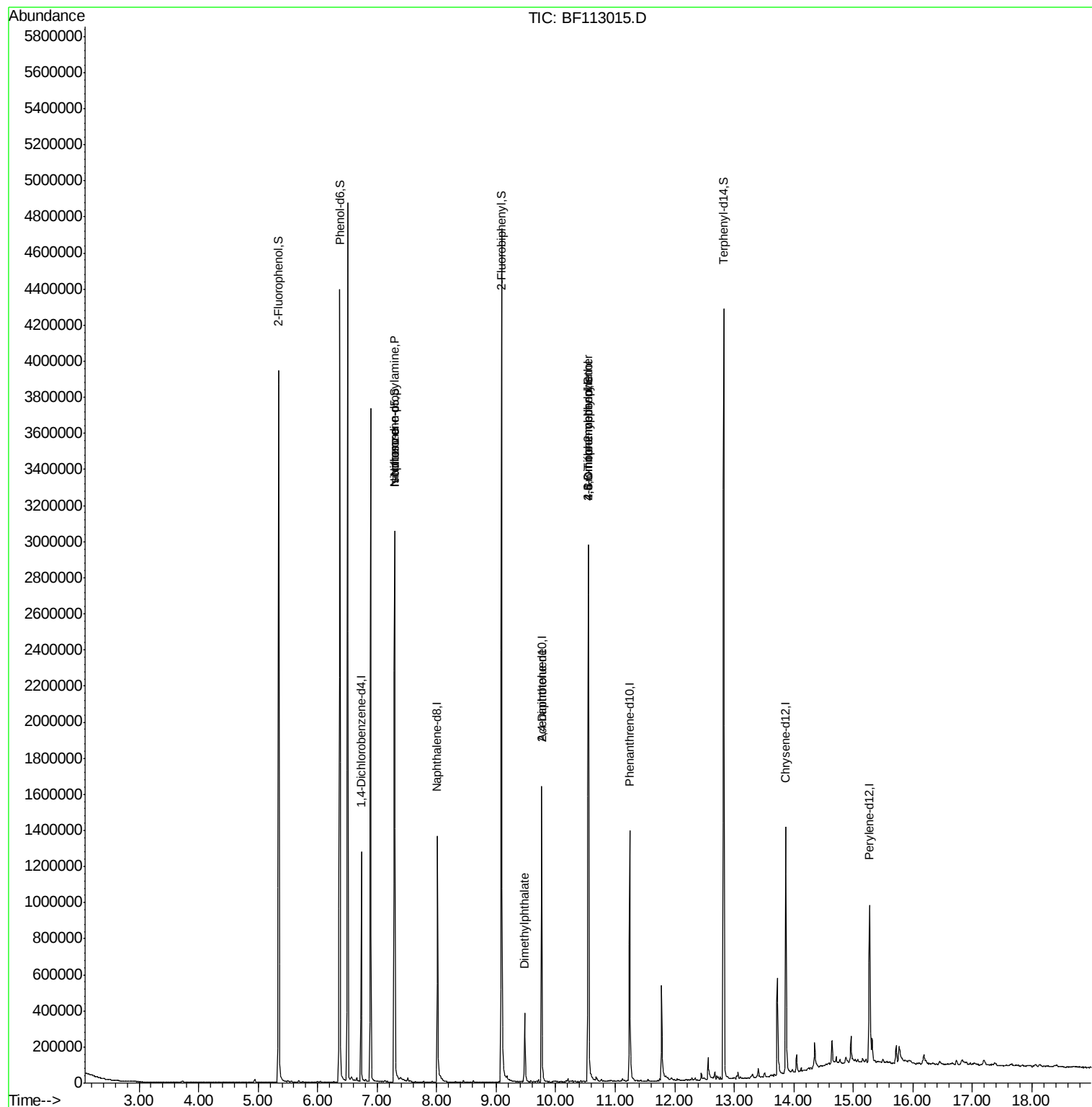
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	201182	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	746420	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	340427	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	600236	20.00	ng	0.00
76) Chrysene-d12	13.86	240	522085	20.00	ng	0.00
87) Perylene-d12	15.27	264	458653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1320646	102.11	ng	0.00
7) Phenol-d6	6.37	99	1715677	105.60	ng	0.00
23) Nitrobenzene-d5	7.29	82	1064135	85.31	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	464735	128.59	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1775264	86.92	ng	0.00
79) Terphenyl-d14	12.82	244	1561998	58.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	141492	13.751	ng	# 74
25) Isophorone	7.29	82	1060432	39.460	ng	# 66
50) Dimethylphthalate	9.48	163	175384	6.987	ng	# 99
57) 2,4-Dinitrotoluene	9.76	165	43942	6.763	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	780	4.899	ng	# 56
67) 4-Bromophenyl-phenylether	10.55	248	26063	4.122	ng	# 1

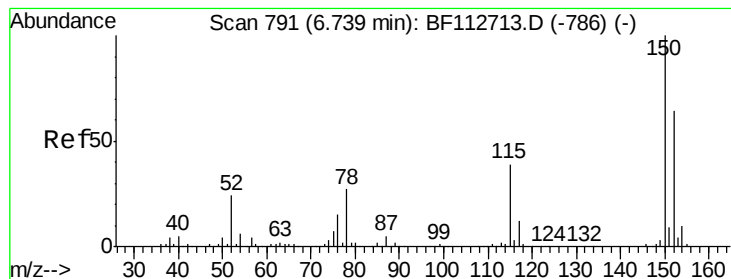
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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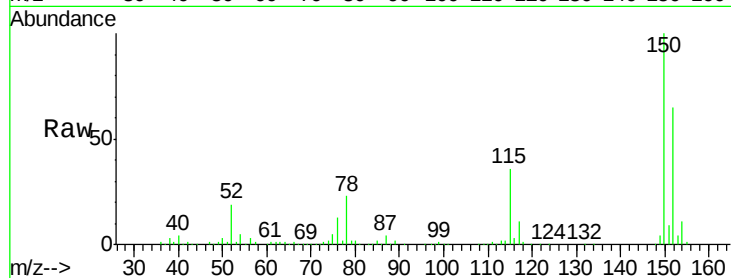


#1

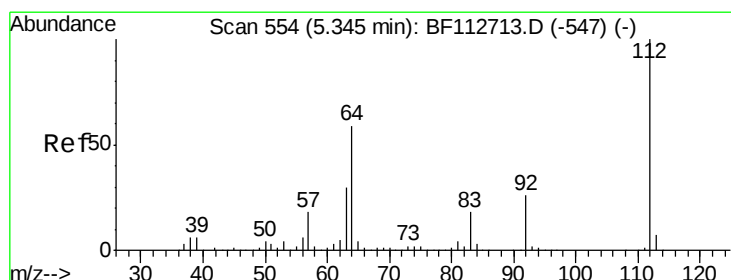
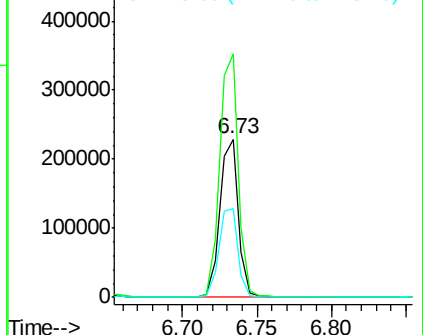
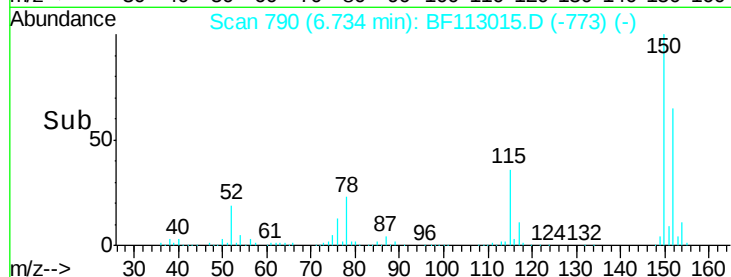
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion:152 Resp: 201182
Ion Ratio Lower Upper
152 100
150 153.8 124.2 186.2
115 56.0 48.2 72.4



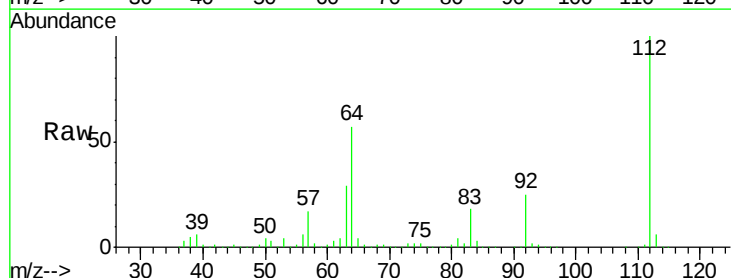
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



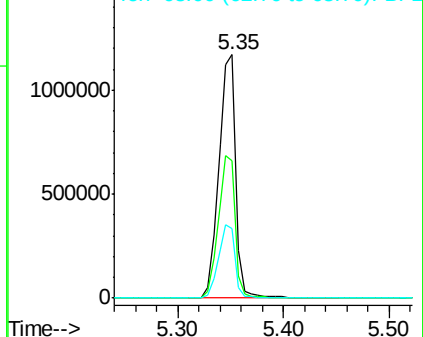
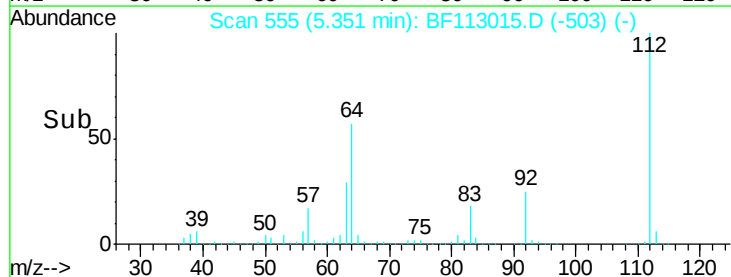
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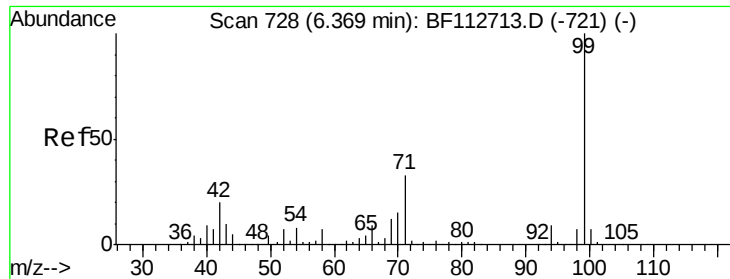
2-Fluorophenol
Concen: 102.113 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion:112 Resp: 1320646
Ion Ratio Lower Upper
112 100
64 56.6 47.6 71.4
63 28.8 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: 105.604 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF113015.D

Acq: 12 Mar 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P-2

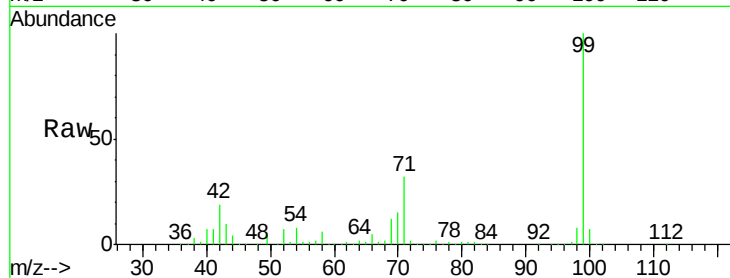
Tgt Ion: 99 Resp: 1715677

Ion Ratio Lower Upper

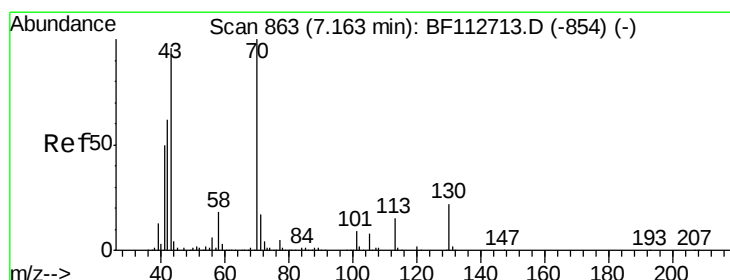
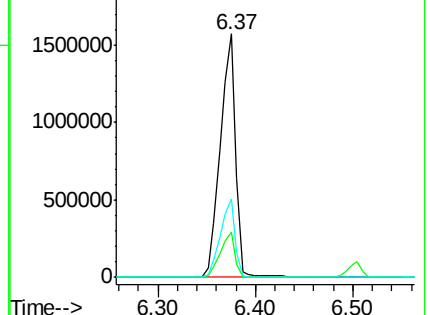
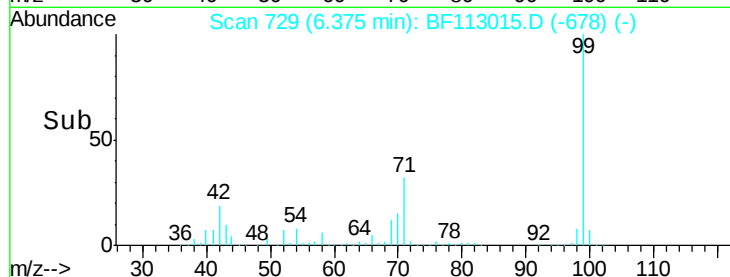
99 100

42 18.7 16.3 24.5

71 32.4 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: 13.751 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF113015.D

Acq: 12 Mar 2019 21:01

Tgt Ion: 70 Resp: 141492

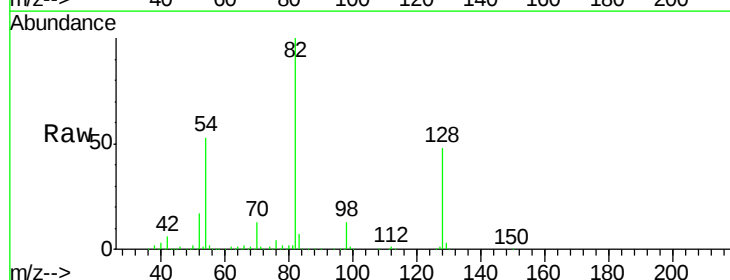
Ion Ratio Lower Upper

70 100

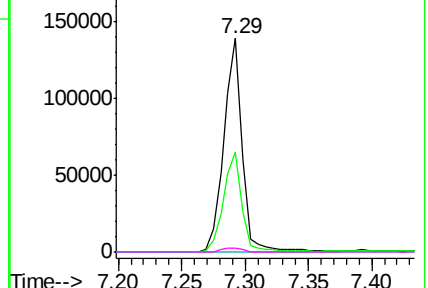
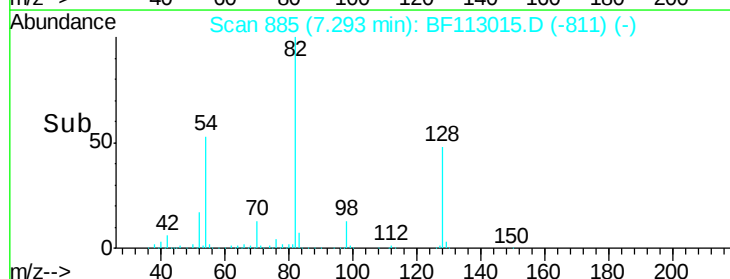
42 46.6 49.9 74.9#

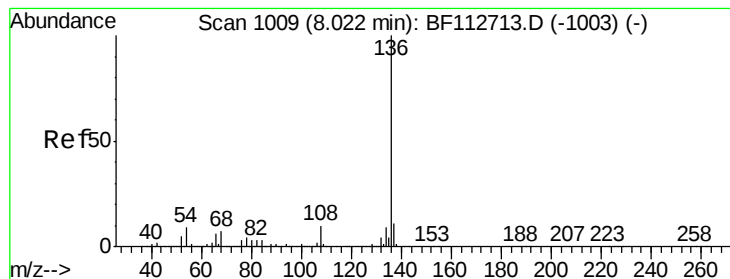
101 0.0 7.4 11.2#

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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113015.D

Acq: 12 Mar 2019 21:01

Instrument :

BNA_F

ClientSampled :

P-2

Tgt Ion: 136 Resp: 746420

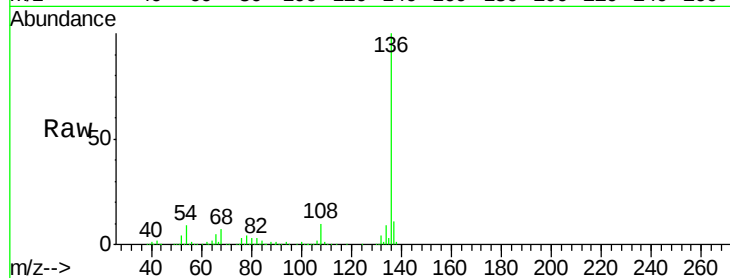
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.6 7.3 10.9

68 6.6 5.4 8.2

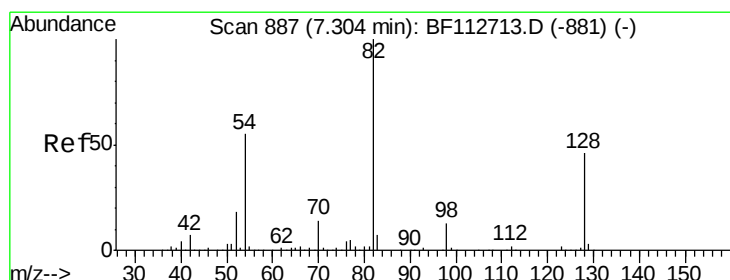
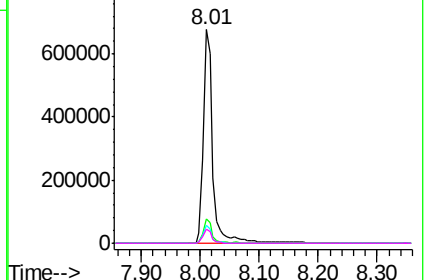
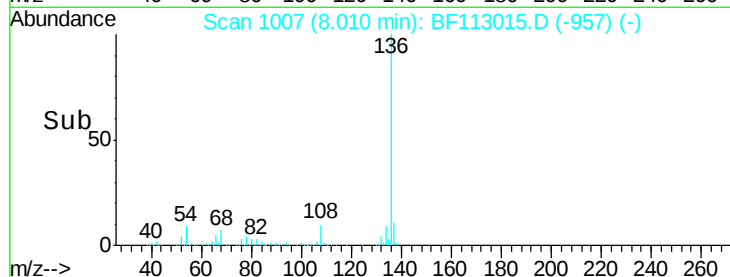


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 85.308 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113015.D

Acq: 12 Mar 2019 21:01

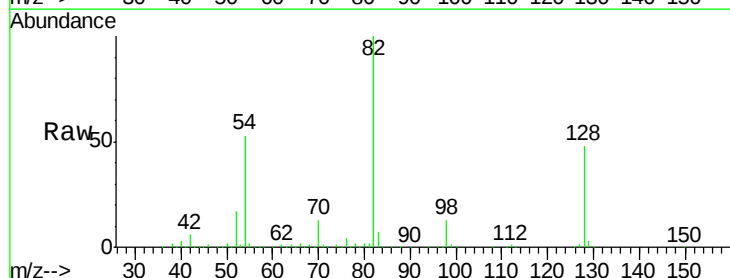
Tgt Ion: 82 Resp: 1064135

Ion Ratio Lower Upper

82 100

128 47.6 36.3 54.5

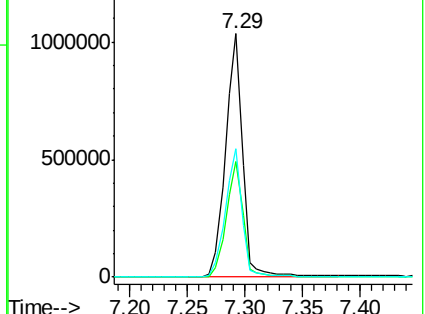
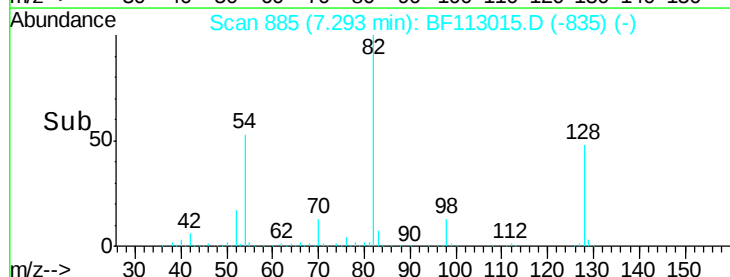
54 52.7 43.7 65.5

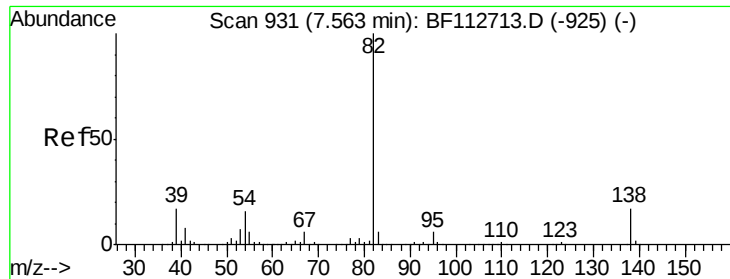


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

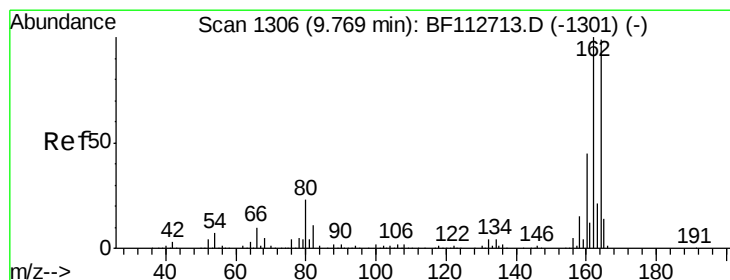
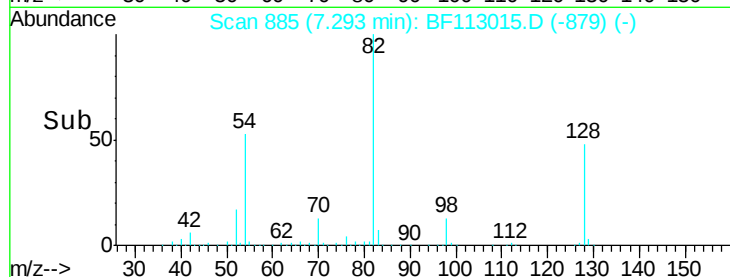
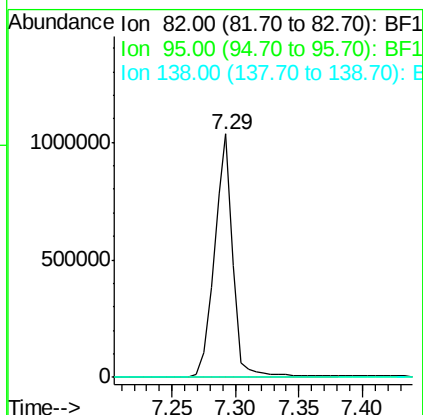
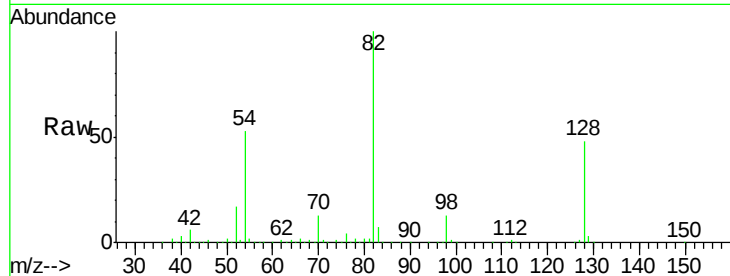




#25
Isophorone
Concen: 39.460 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

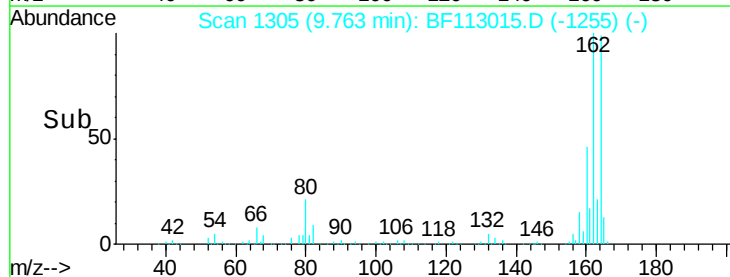
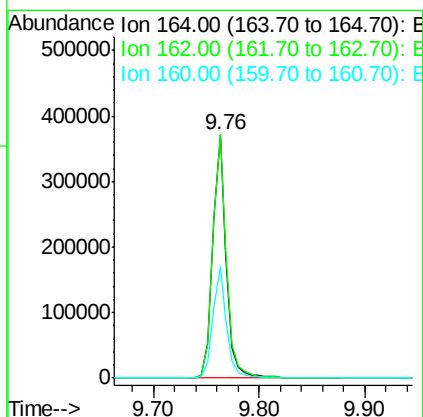
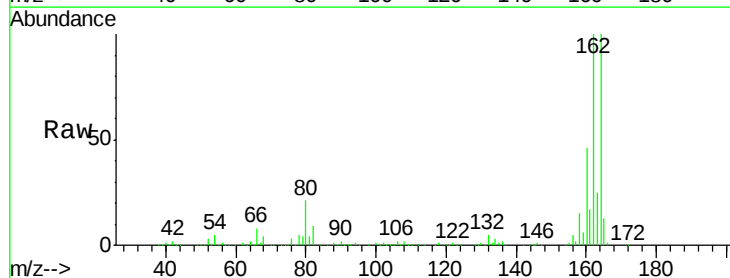
Instrument :
BNA_F
ClientSampled :
P-2

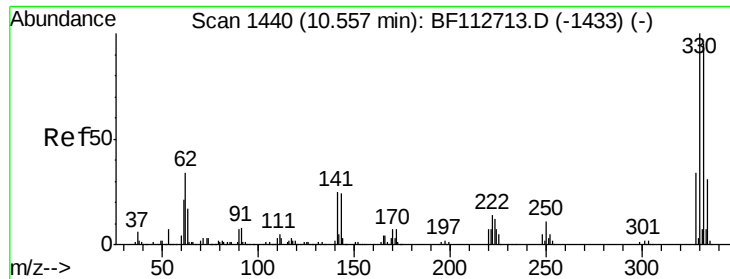
Tgt Ion: 82 Resp: 1060432
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion: 164 Resp: 340427
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 45.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 128.591 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF113015.D

Acq: 12 Mar 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P-2

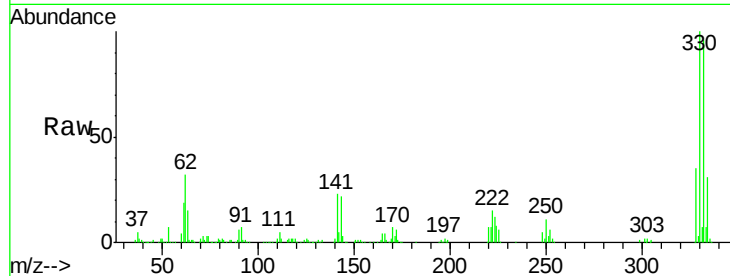
Tgt Ion:330 Resp: 464735

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

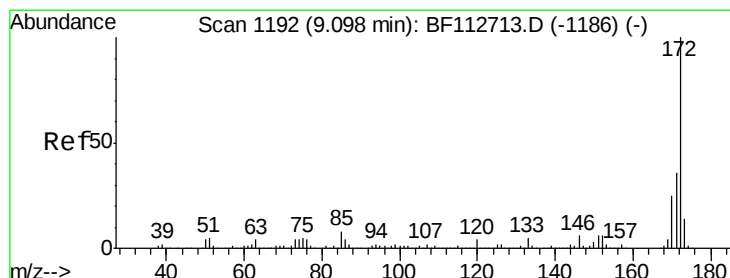
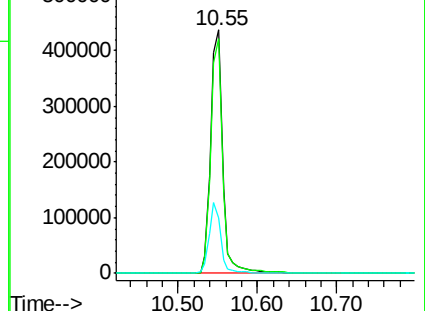
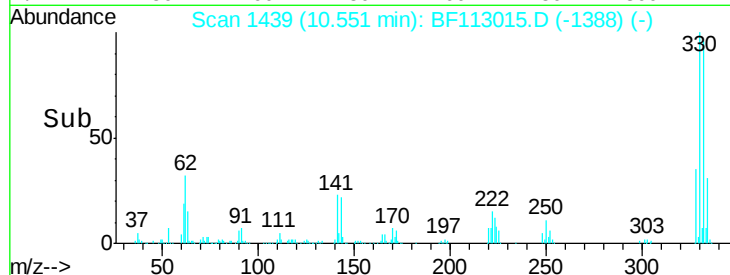
141 28.3 27.0 40.6



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: 86.922 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF113015.D

Acq: 12 Mar 2019 21:01

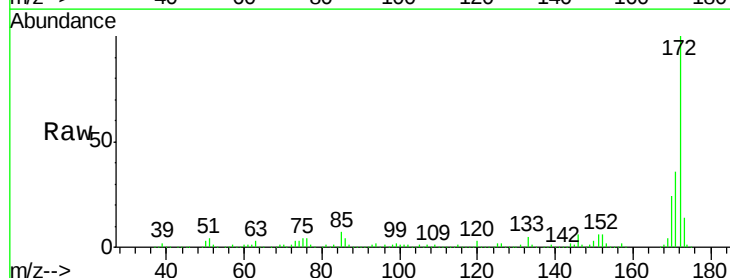
Tgt Ion:172 Resp: 1775264

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

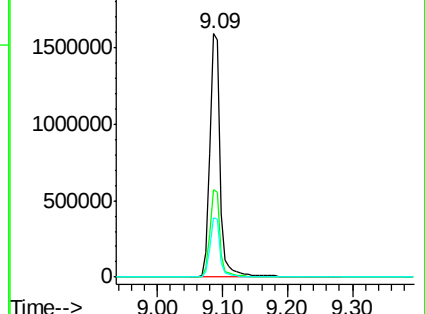
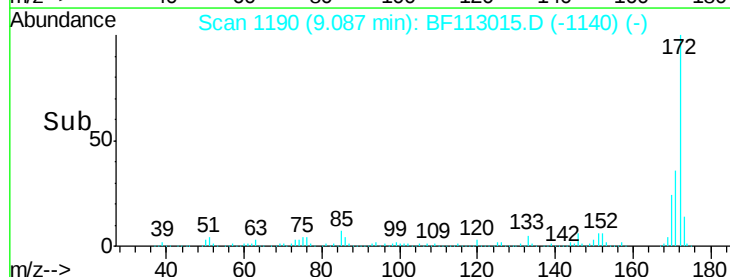
170 24.5 20.0 30.0

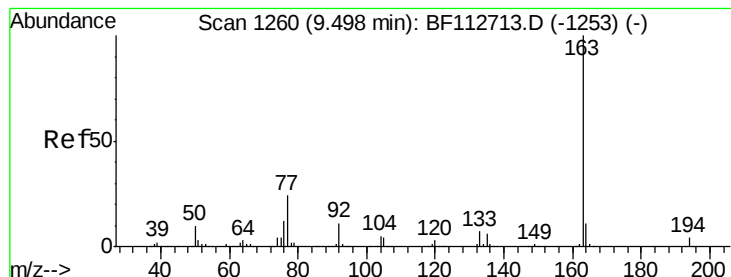


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.987 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113015.D

Acq: 12 Mar 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P-2

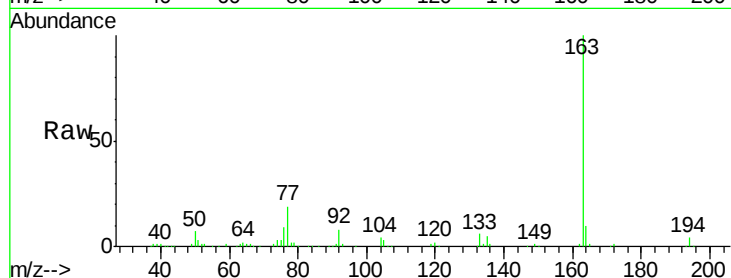
Tgt Ion:163 Resp: 175384

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

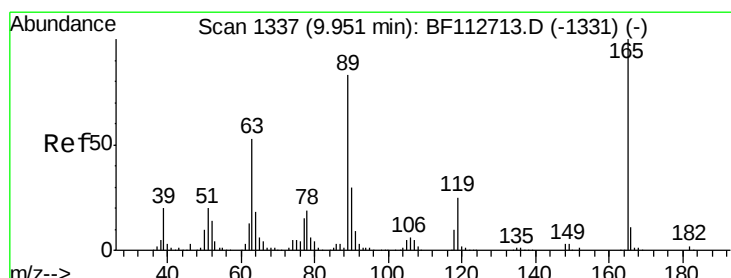
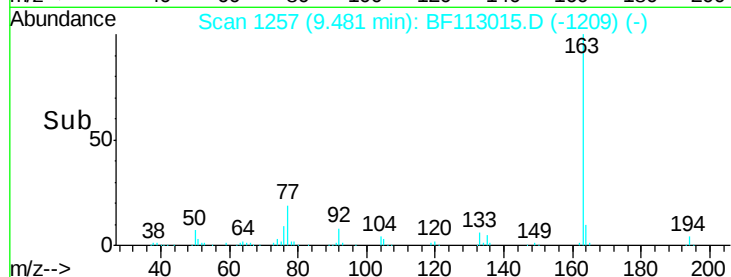
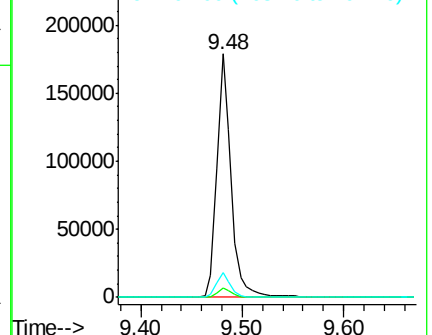
164 10.3 8.4 12.6



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: 6.763 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.19 min

Lab File: BF113015.D

Acq: 12 Mar 2019 21:01

Tgt Ion:165 Resp: 43942

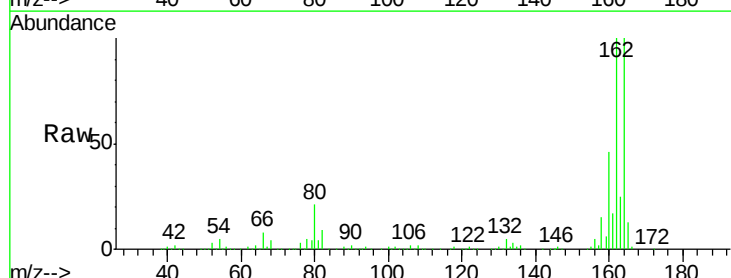
Ion Ratio Lower Upper

165 100

63 1.2 42.2 63.2#

89 1.1 66.2 99.4#

182 0.0 1.8 2.6#

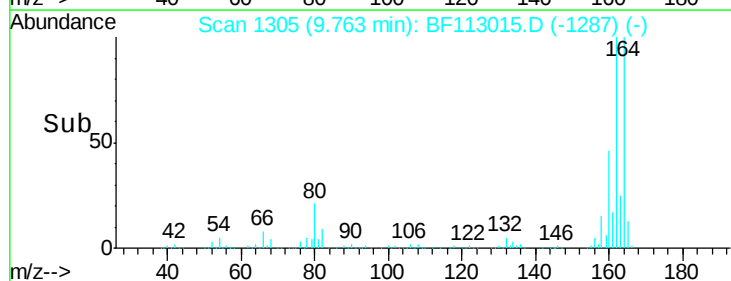
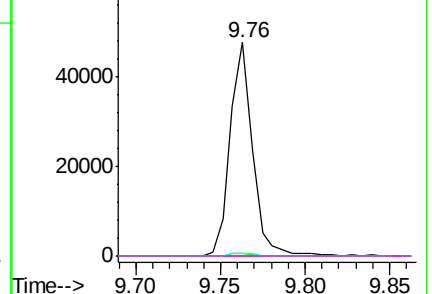


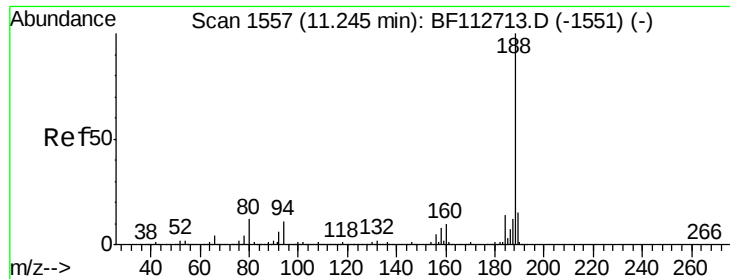
Abundance Ion 165.00 (164.70 to 165.70): E

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

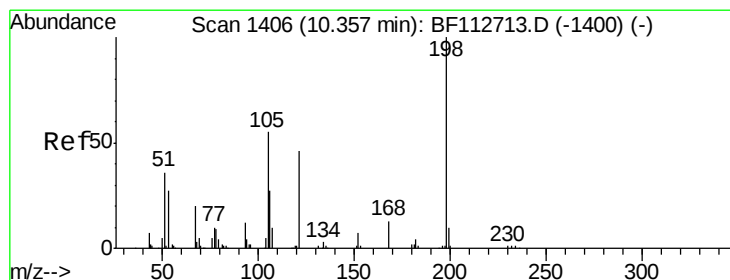
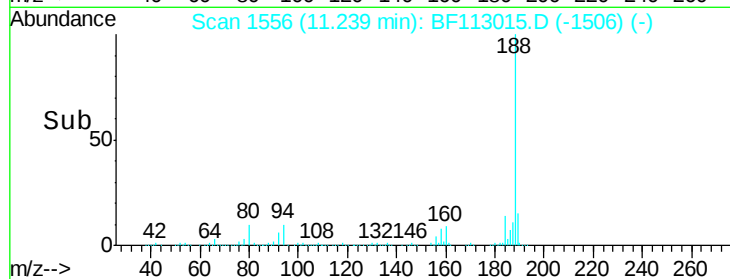
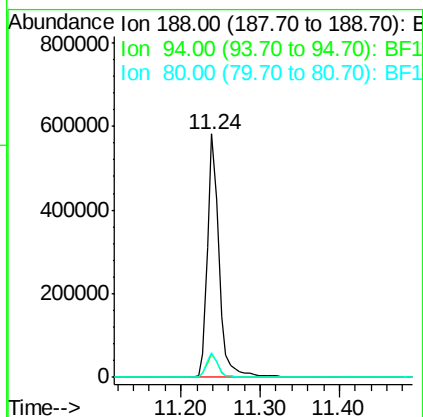
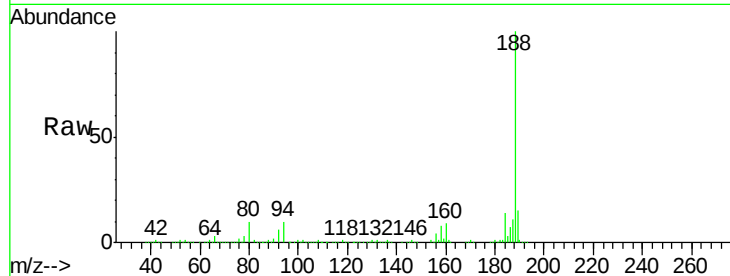




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

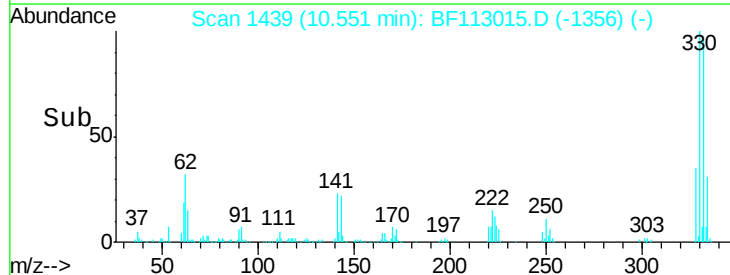
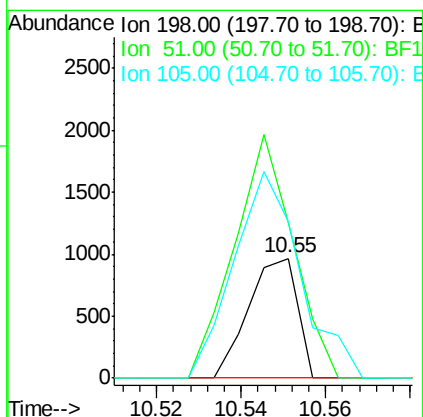
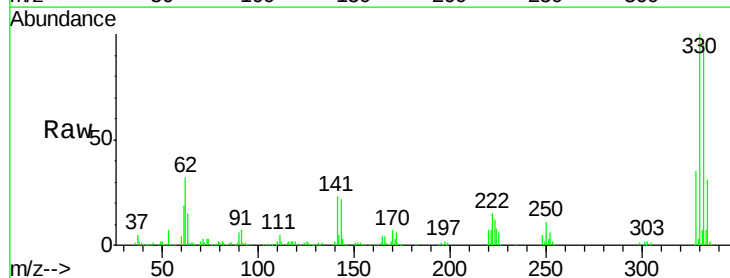
Instrument :
BNA_F
ClientSampleId :
P-2

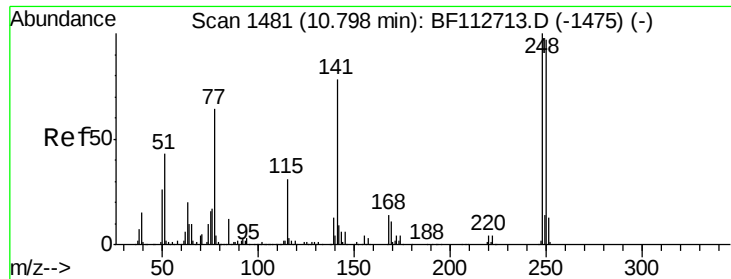
Tgt Ion:188 Resp: 600236
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 10.1 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.899 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion:198 Resp: 780
Ion Ratio Lower Upper
198 100
51 26.8 43.8 83.8#
105 27.0 36.5 76.5#

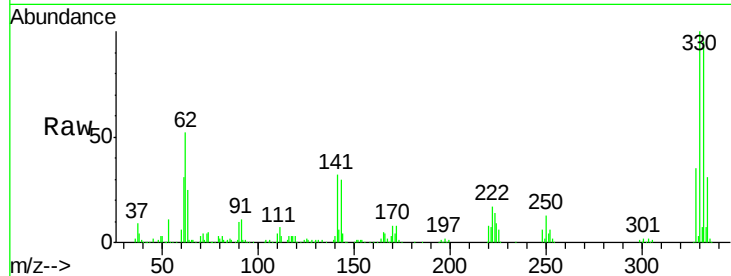




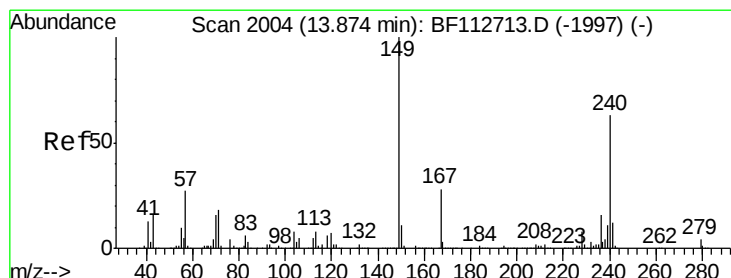
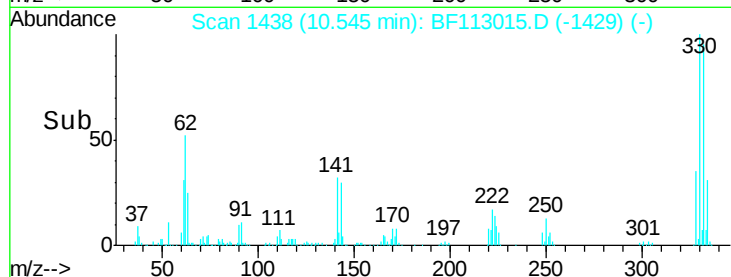
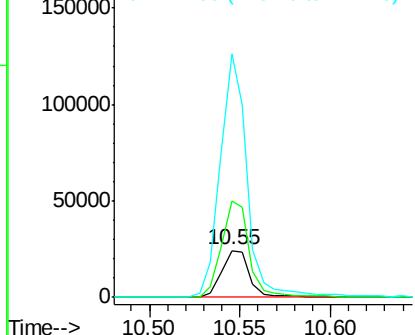
#67
4-Bromophenyl-phenylether
Concen: 4.122 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion:248 Resp: 26063
Ion Ratio Lower Upper
248 100
250 207.4 77.5 116.3#
141 523.1 62.4 93.6#

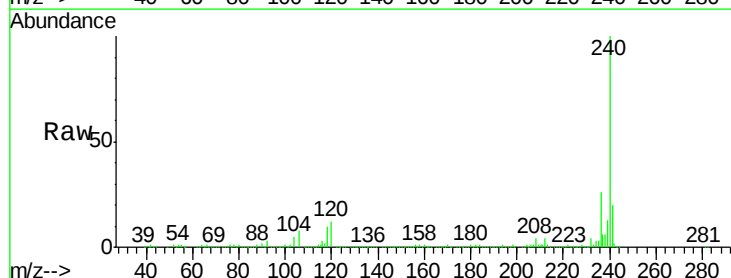


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

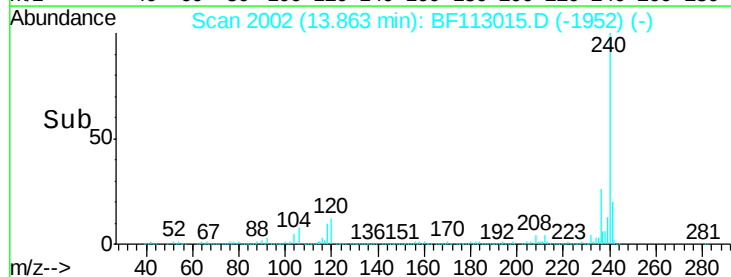
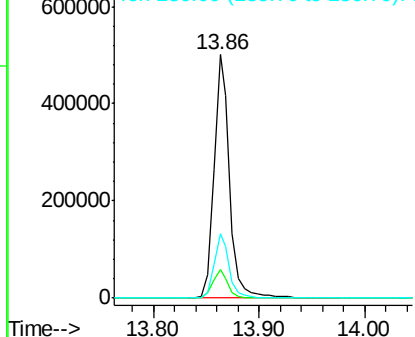


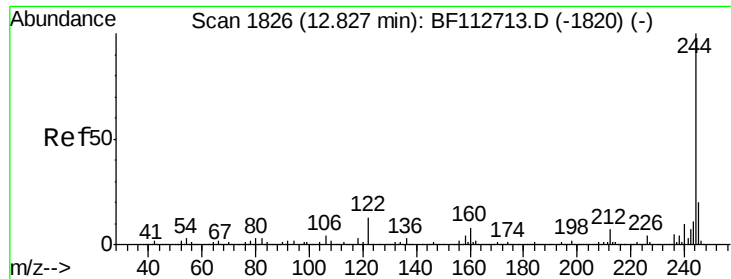
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion:240 Resp: 522085
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.5 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: 57.997 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF113015.D

Acq: 12 Mar 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P-2

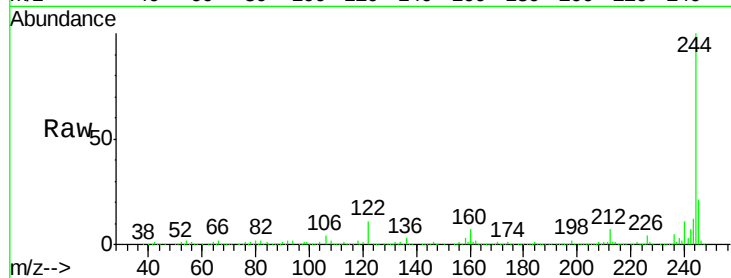
Tgt Ion:244 Resp: 1561998

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

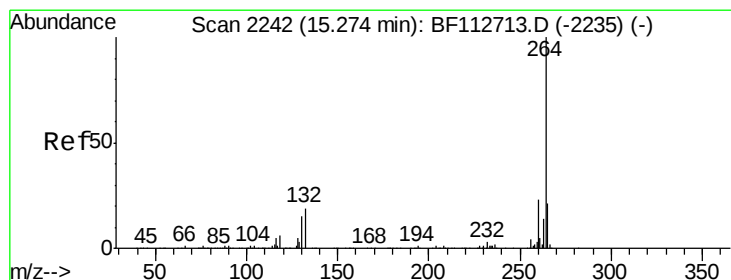
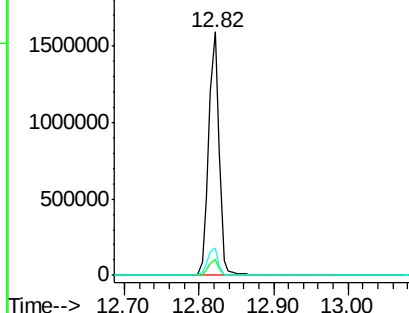
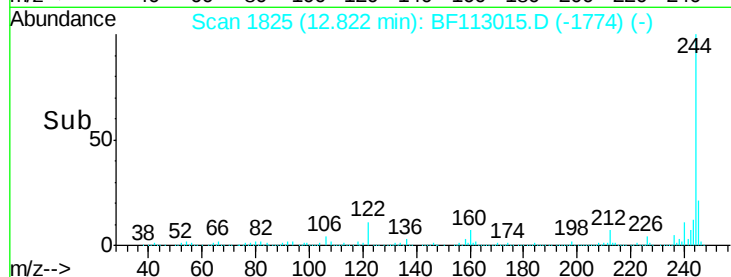
122 11.3 10.5 15.7



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: BF113015.D

Acq: 12 Mar 2019 21:01

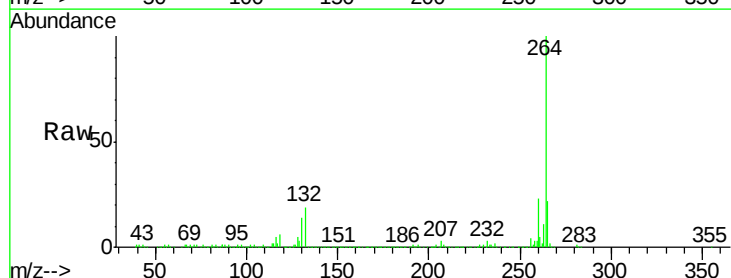
Tgt Ion:264 Resp: 458653

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.3 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

