

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103305.D
 Acq On : 28 Feb 2018 20:44
 Operator : SJ/JU
 Sample : J1712-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 00:04:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

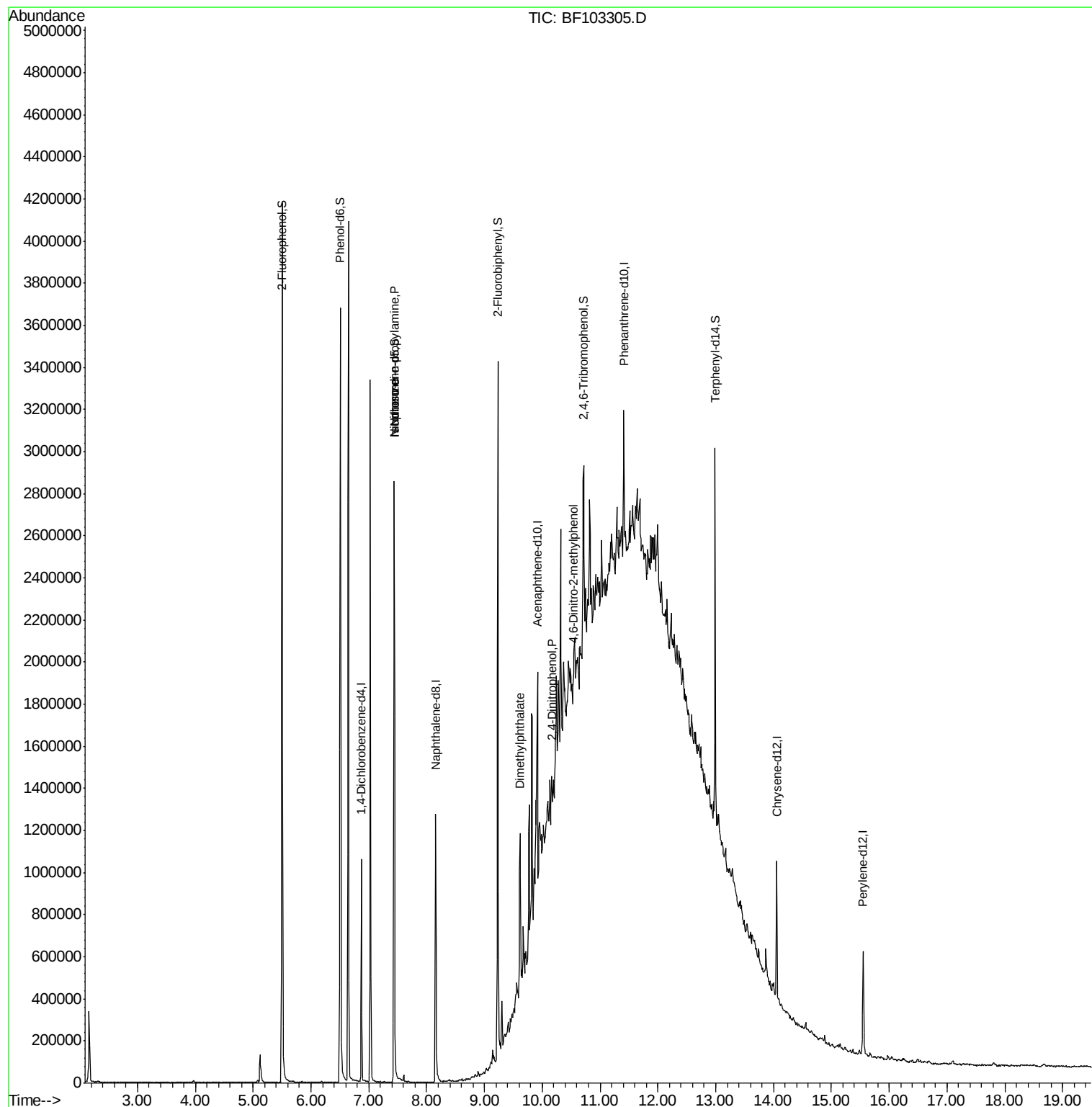
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	153298	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	621772	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	231985	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	279379	20.00	ng	0.00
75) Chrysene-d12	14.06	240	233479	20.00	ng	0.00
86) Perylene-d12	15.55	264	241016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1227045	121.06	ng	0.01
7) Phenol-d6	6.51	99	1481838	119.48	ng	0.00
23) Nitrobenzene-d5	7.44	82	1001439	91.98	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	195301	99.46	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1215246	92.00	ng	0.00
78) Terphenyl-d14	12.99	244	722639	74.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	2902	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.44	70	133121	17.246	ng	# 84
25) Isophorone	7.44	82	1001432	46.702	ng	# 64
49) Dimethylphthalate	9.62	163	116949	6.284	ng	# 96
53) 2,4-Dinitrophenol	10.17	184	114	9.692	ng	# 44
64) 4,6-Dinitro-2-methylphenol	10.53	198	1384	5.676	ng	# 1

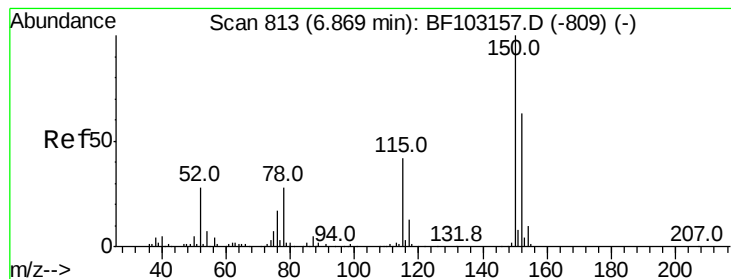
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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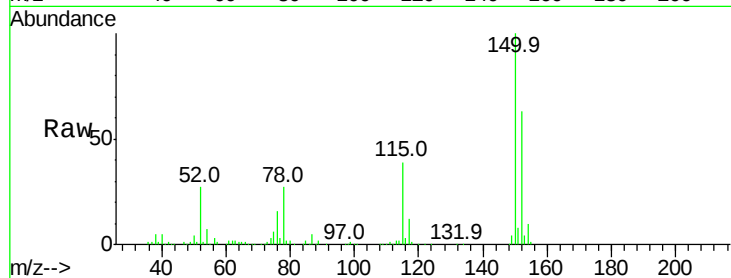


#1

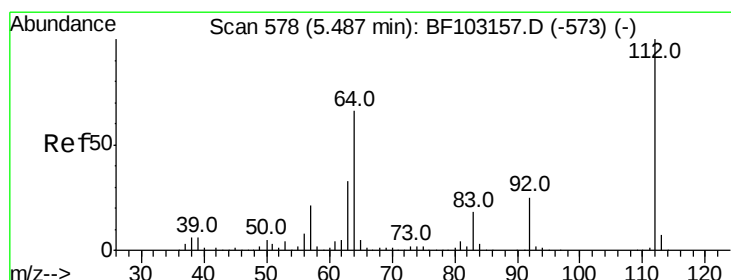
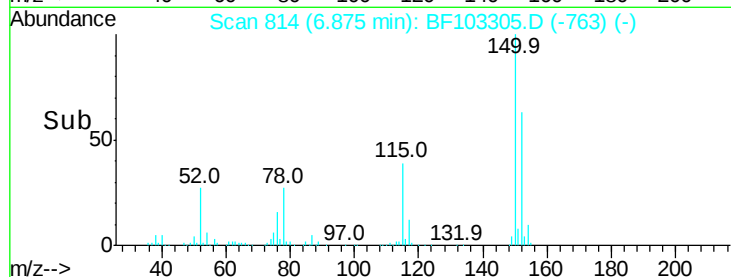
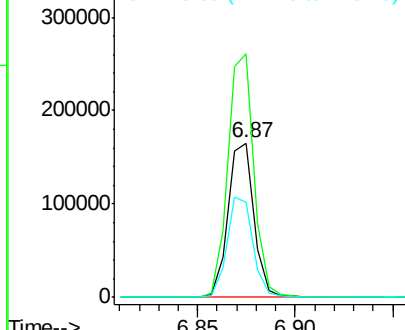
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153298
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 61.4 50.1 75.1



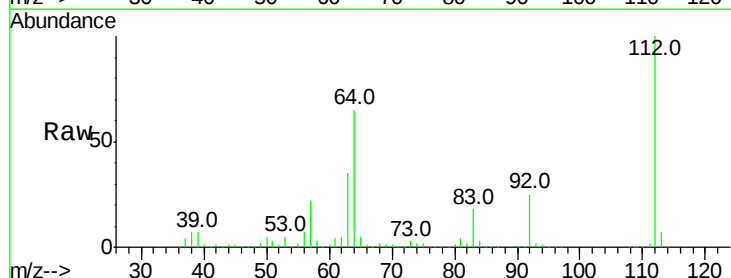
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



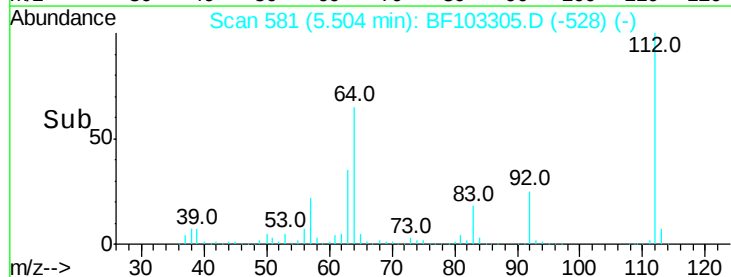
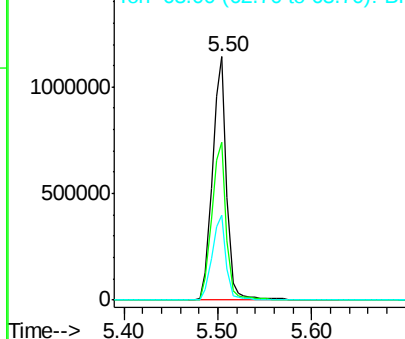
#5

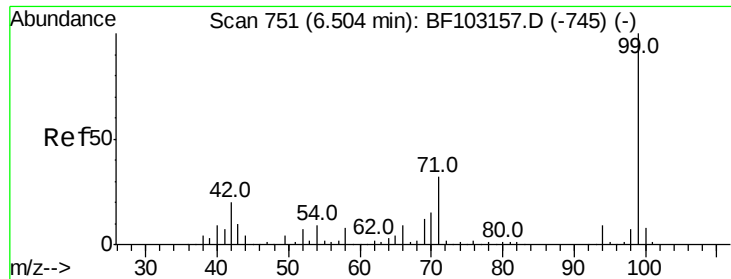
2-Fluorophenol
Concen: 121.060 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Tgt Ion:112 Resp: 1227045
Ion Ratio Lower Upper
112 100
64 64.8 47.9 71.9
63 34.7 23.7 35.5



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: 119.476 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

Instrument :

BNA_F

ClientSampleId :

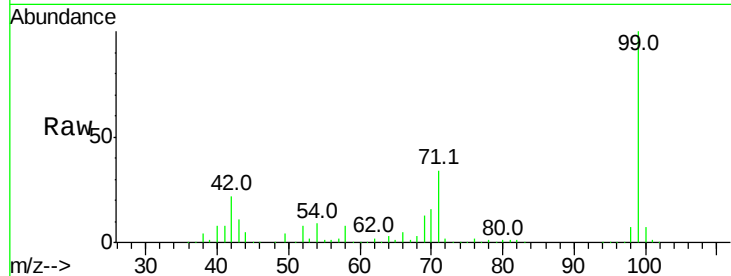
Tot Ion: 99 Resp: 1481838

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

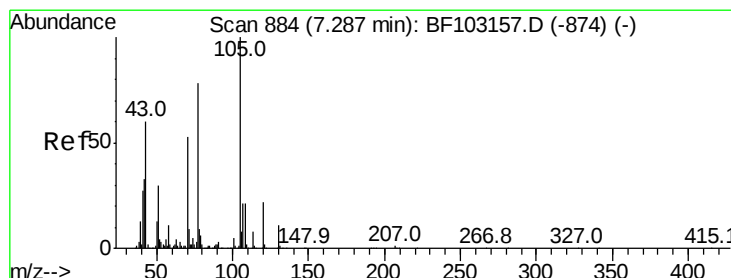
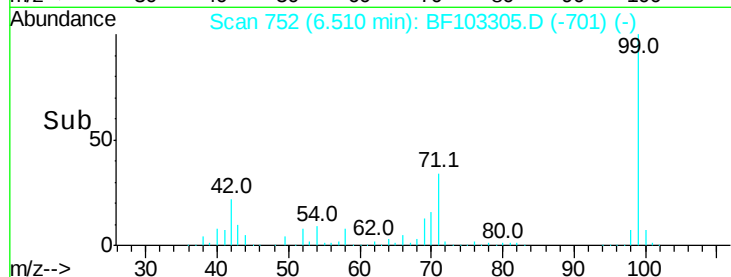
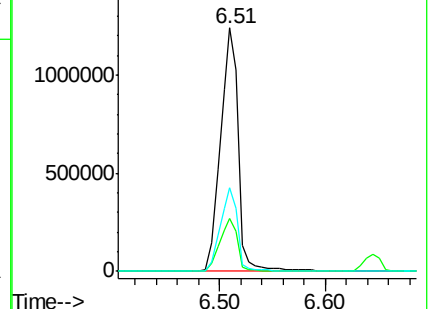
71 34.2 25.4 38.0



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: 17.246 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

Tgt Ion: 70 Resp: 133121

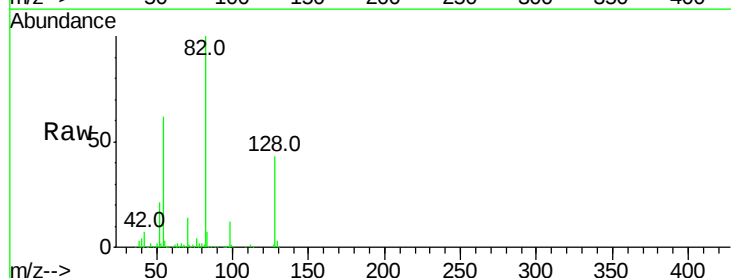
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

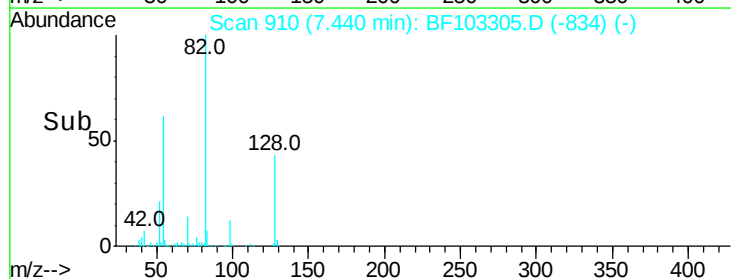
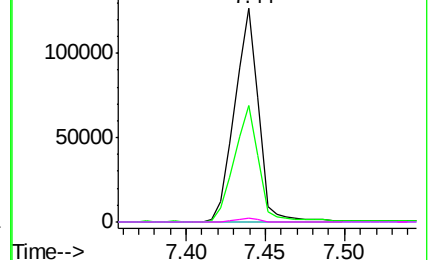


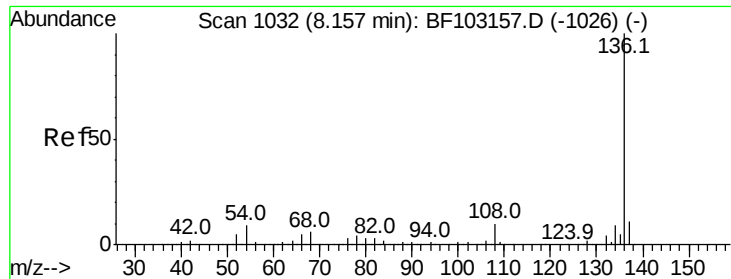
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

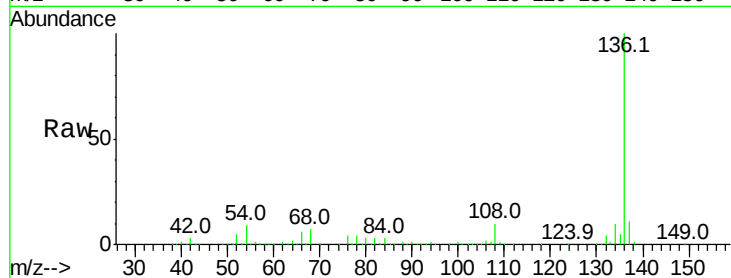




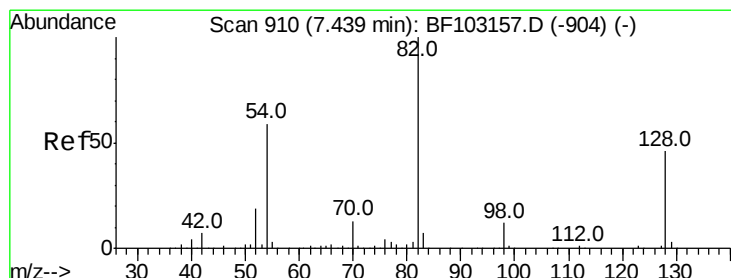
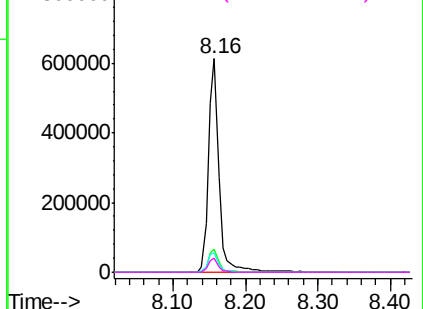
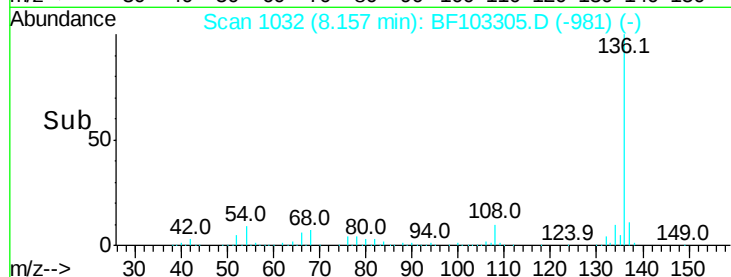
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	621772
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	9.2	6.6 9.8
68	6.6	5.0 7.4

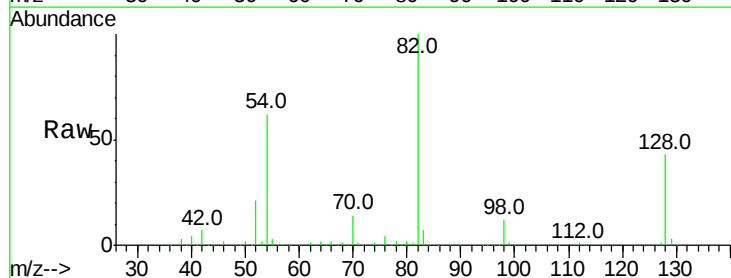


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

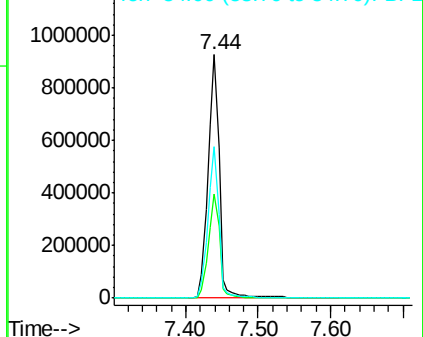
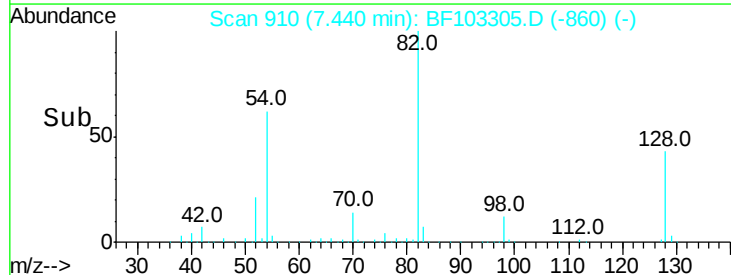


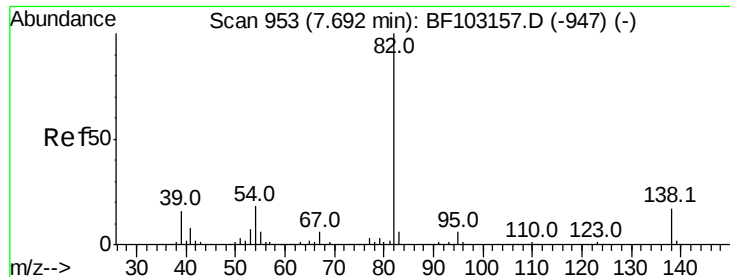
#23
Nitrobenzene-d5
Concen: 91.980 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Tgt Ion: 82	Resp:	1001439
Ion	Ratio	Lower Upper
82	100	
128	42.6	36.1 54.1
54	62.3	41.4 62.2#



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: 46.702 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

Instrument :

BNA_F

ClientSampleId :

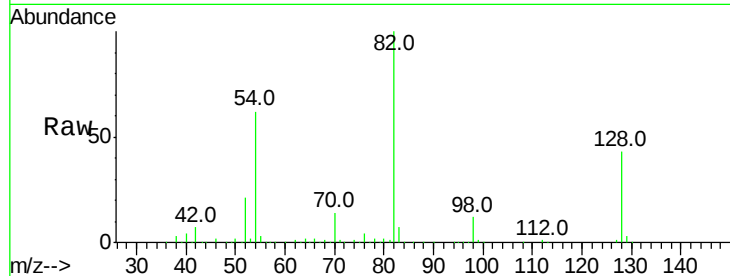
Tot Ion: 82 Resp: 1001432

Ion Ratio Lower Upper

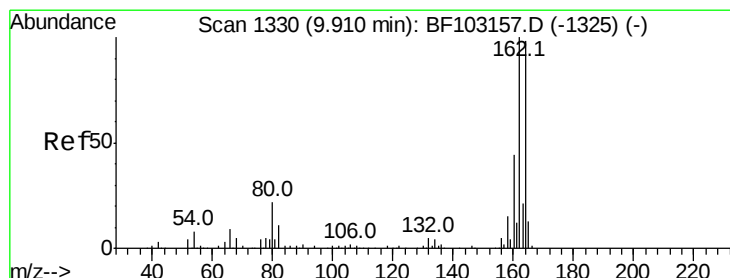
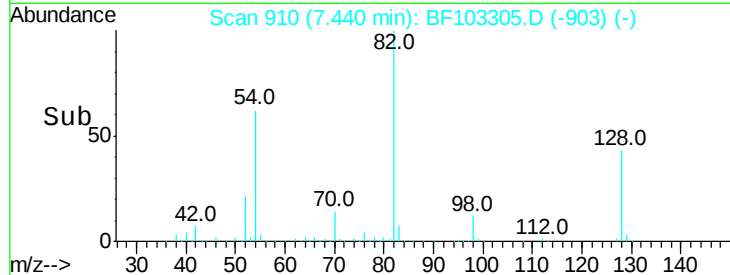
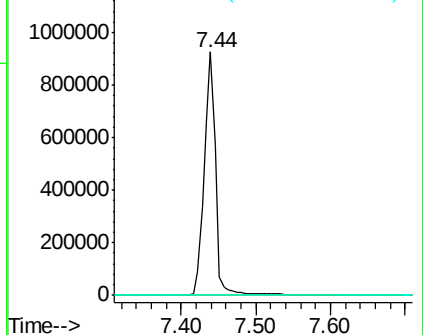
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

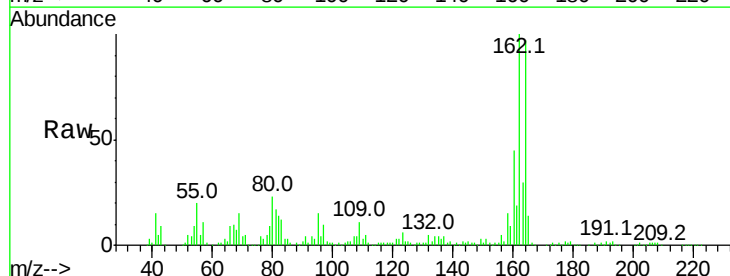
Tgt Ion:164 Resp: 231985

Ion Ratio Lower Upper

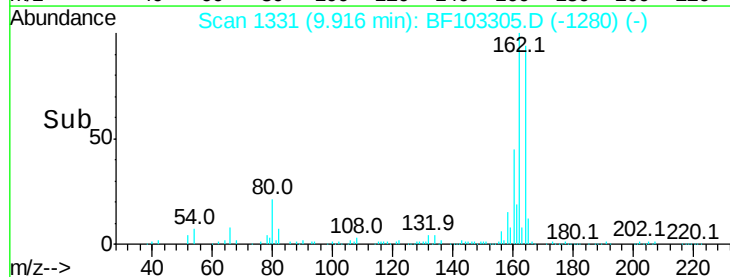
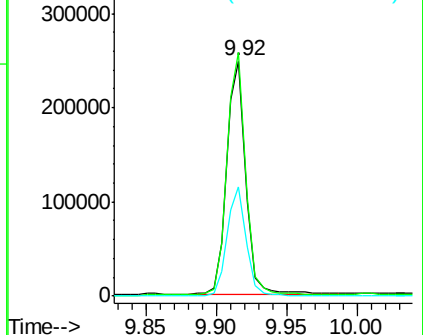
164 100

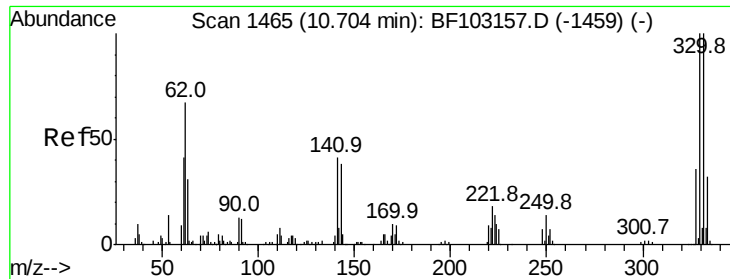
162 103.6 86.1 129.1

160 46.3 38.3 57.5



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

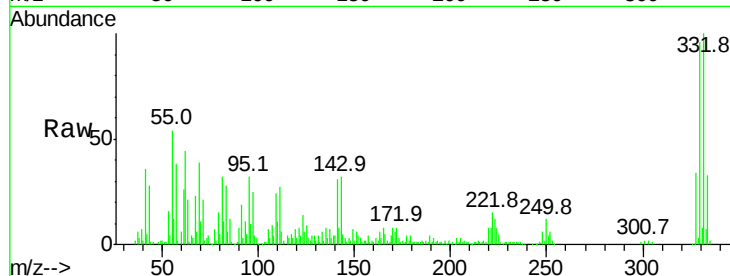




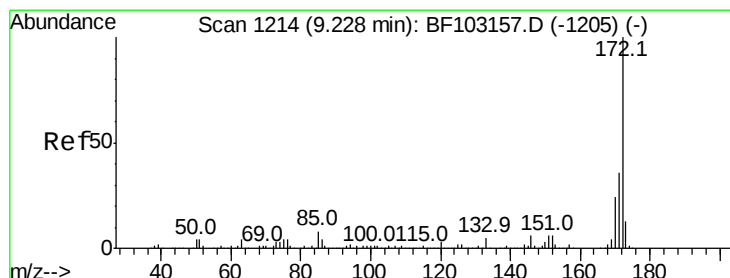
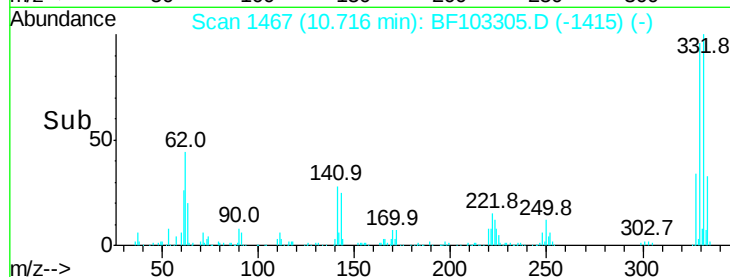
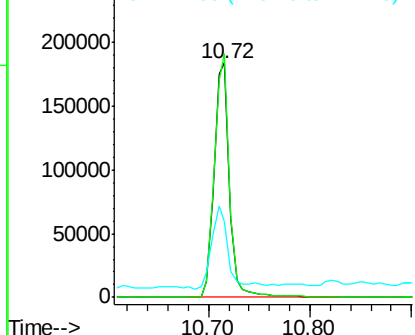
#41
 2,4,6-Tribromophenol
 Concen: 99.459 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103305.D
 Acq: 28 Feb 2018 20:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 195301
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.0 115.6
 141 40.4 29.9 44.9

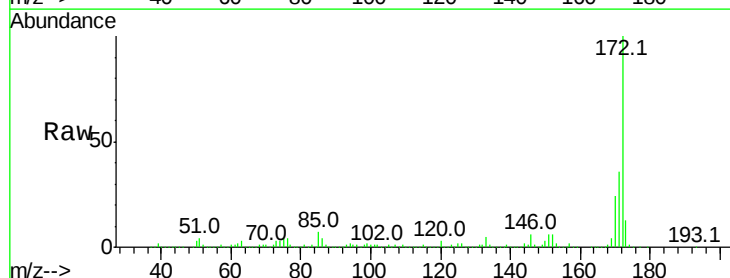


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

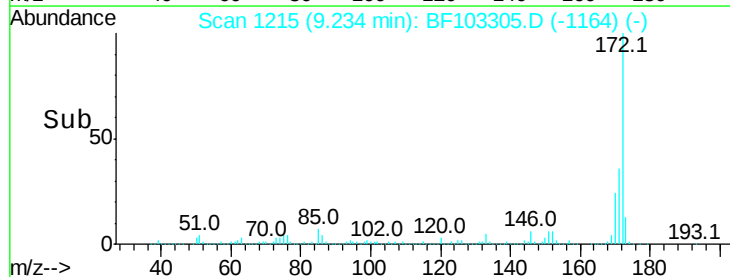
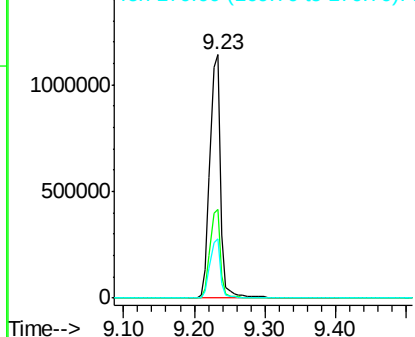


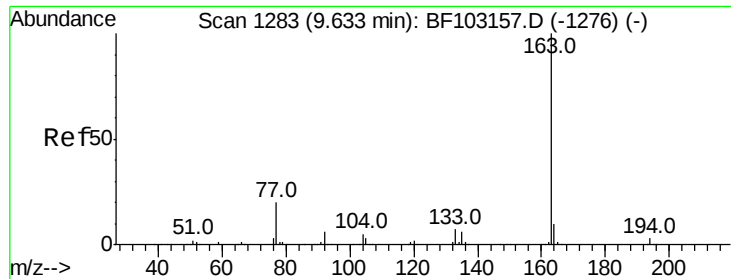
#44
 2-Fluorobiphenyl
 Concen: 92.001 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103305.D
 Acq: 28 Feb 2018 20:44

Tgt Ion:172 Resp: 1215246
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 19.6 29.4



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

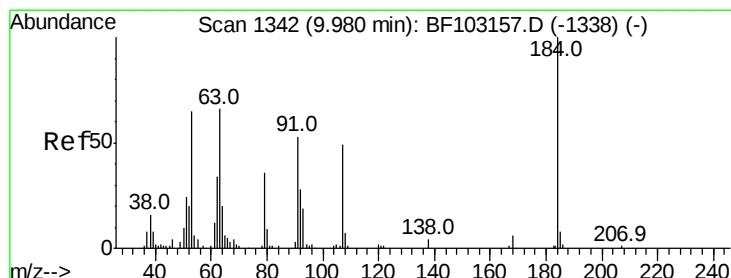
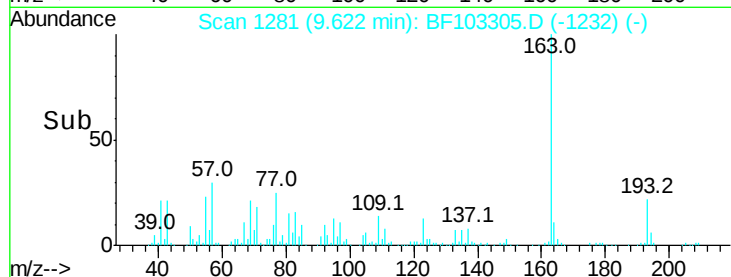
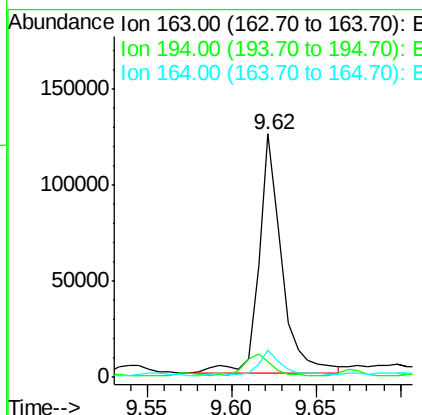
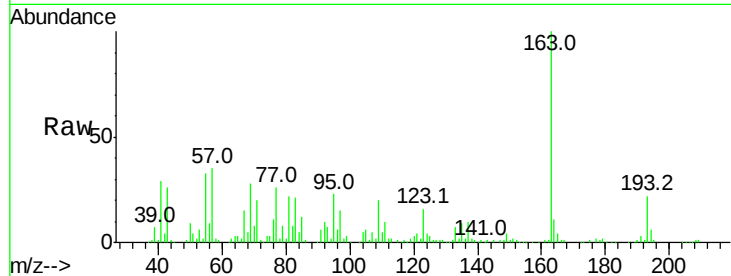




#49
Dimethylphthalate
Concen: 6.284 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

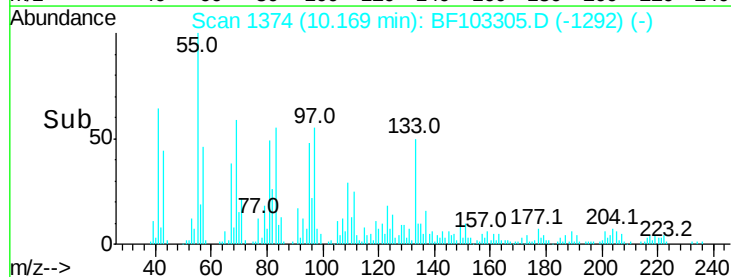
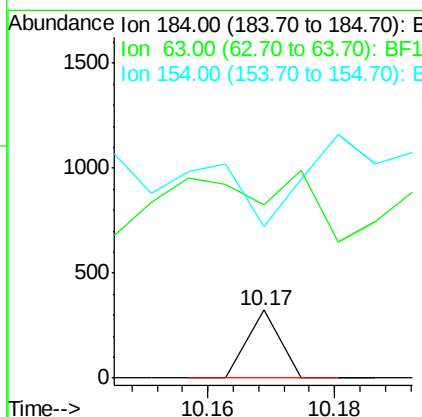
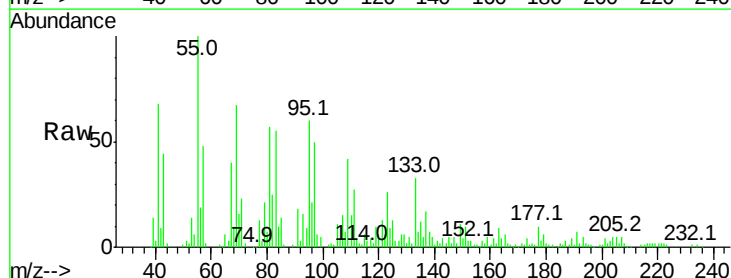
Instrument :
BNA_F
ClientSampleId :

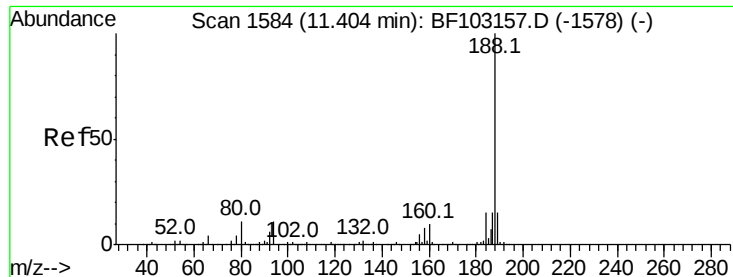
Tot Ion:163 Resp: 116949
Ion Ratio Lower Upper
163 100
194 6.3 2.7 4.1#
164 11.1 8.2 12.2



#53
2,4-Dinitrophenol
Concen: 9.692 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.18 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
63 254.3 54.2 81.2#
154 223.5 184.0 276.0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

Instrument :

BNA_F

ClientSampleId :

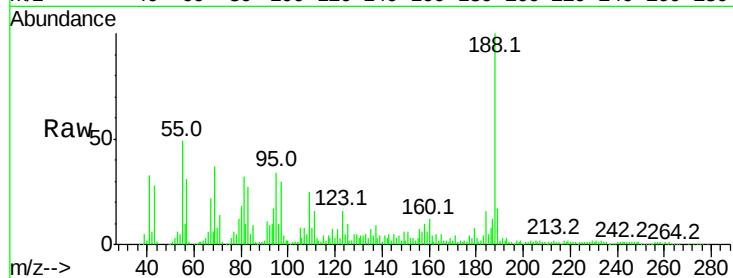
Tot Ion:188 Resp: 279379

Ion Ratio Lower Upper

188 100

94 16.9 8.5 12.7#

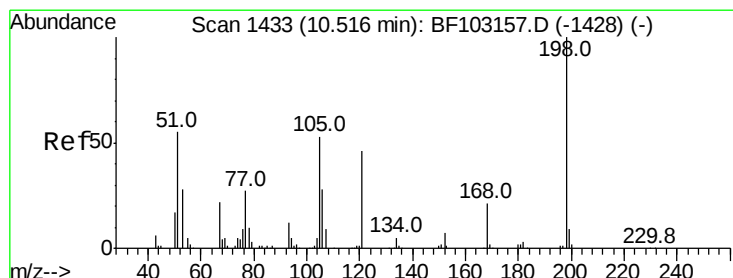
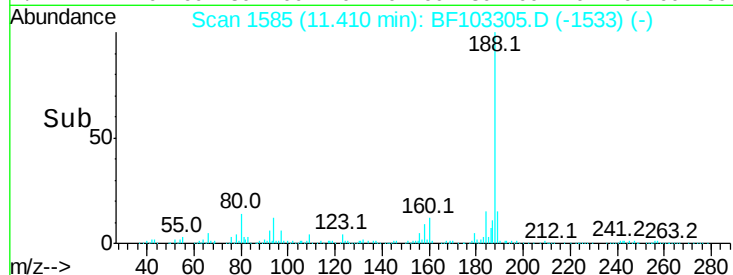
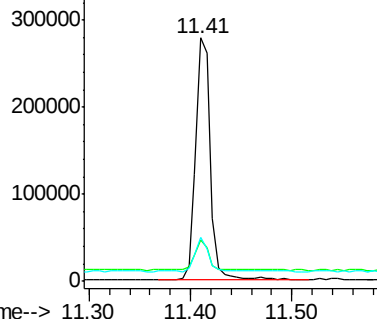
80 18.0 9.2 13.8#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.676 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

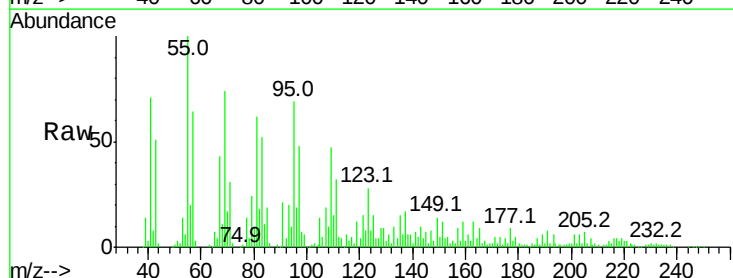
Tgt Ion:198 Resp: 1384

Ion Ratio Lower Upper

198 100

51 426.0 37.7 77.7#

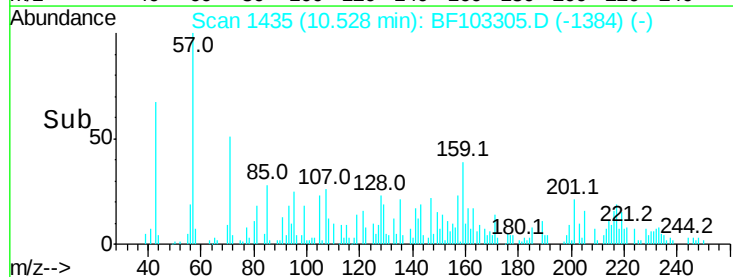
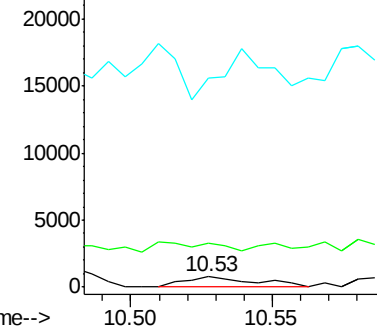
105 2035.5 36.3 76.3#

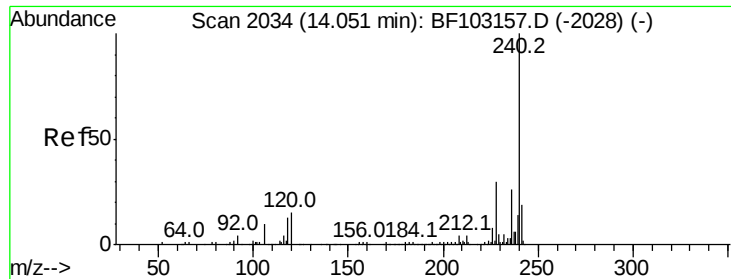


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

Instrument :

BNA_F

ClientSampleId :

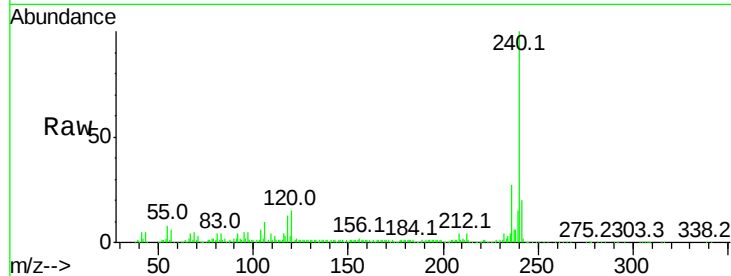
Tot Ion:240 Resp: 233479

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

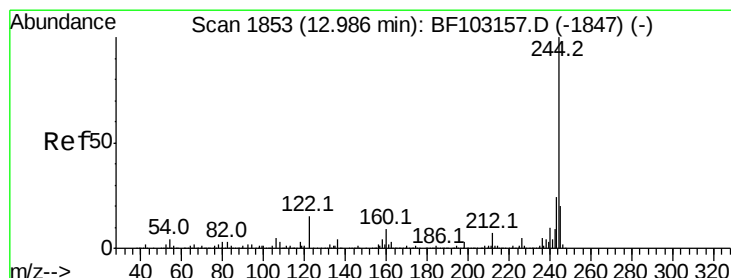
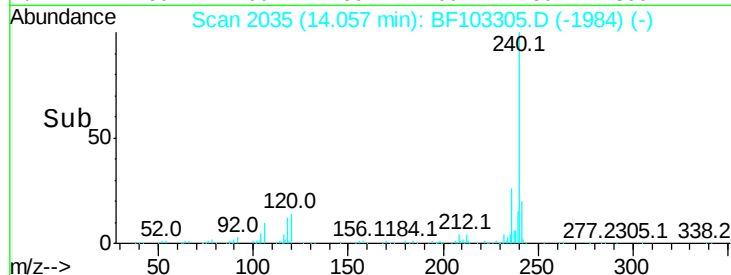
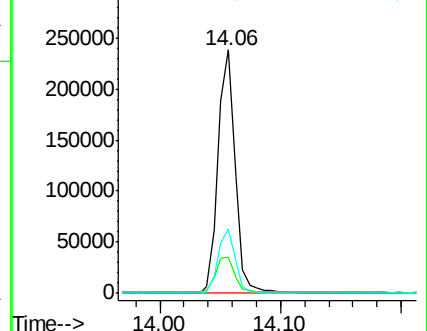
236 26.5 20.7 31.1



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



#78

Terphenyl-d14

Concen: 74.402 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

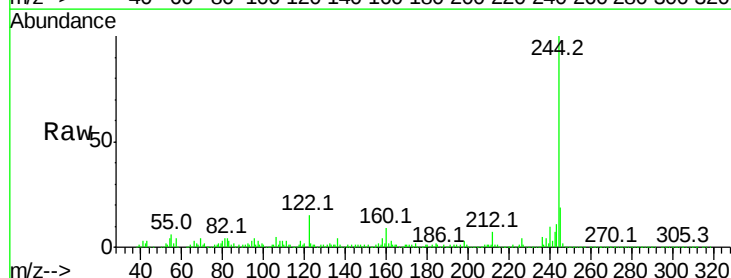
Tgt Ion:244 Resp: 722639

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

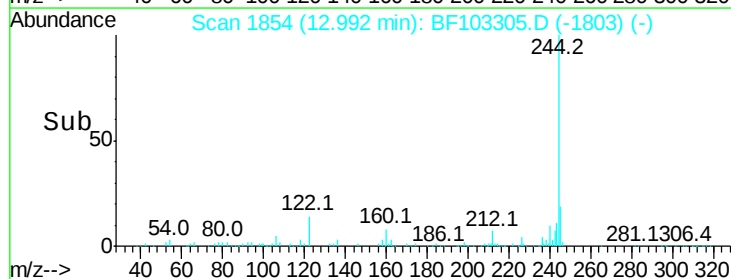
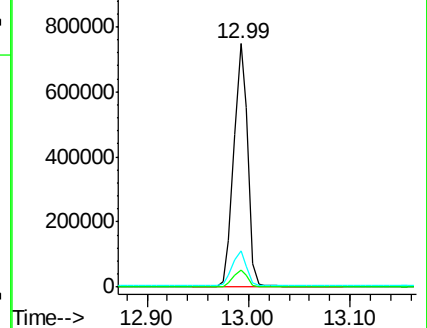
122 15.1 11.0 16.4

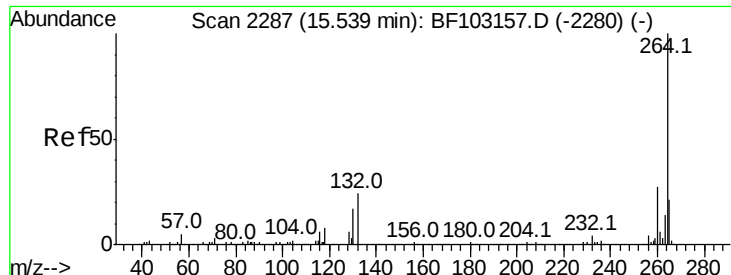


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

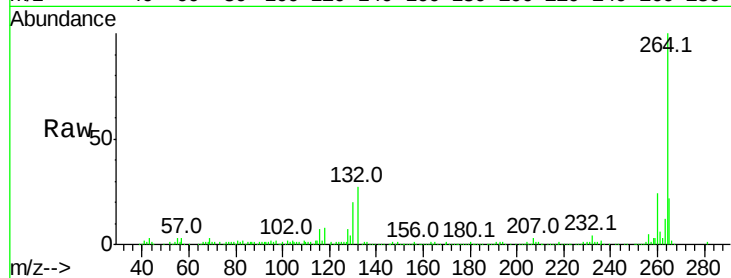




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BF103305.D
 Acq: 28 Feb 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3



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

