

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103290.D
 Acq On : 28 Feb 2018 4:14
 Operator : SJ/JU
 Sample : J1683-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 05:50:16 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	158121	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	632131	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	217601	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	320309	20.00	ng	0.00
75) Chrysene-d12	14.05	240	254375	20.00	ng	0.00
86) Perylene-d12	15.55	264	175555	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	629087	60.17	ng	0.00
7) Phenol-d6	6.50	99	470529	36.78	ng	0.00
23) Nitrobenzene-d5	7.44	82	1007034	90.98	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	188086	102.12	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1252907	104.78	ng	0.00
78) Terphenyl-d14	12.99	244	871253	82.33	ng	0.00

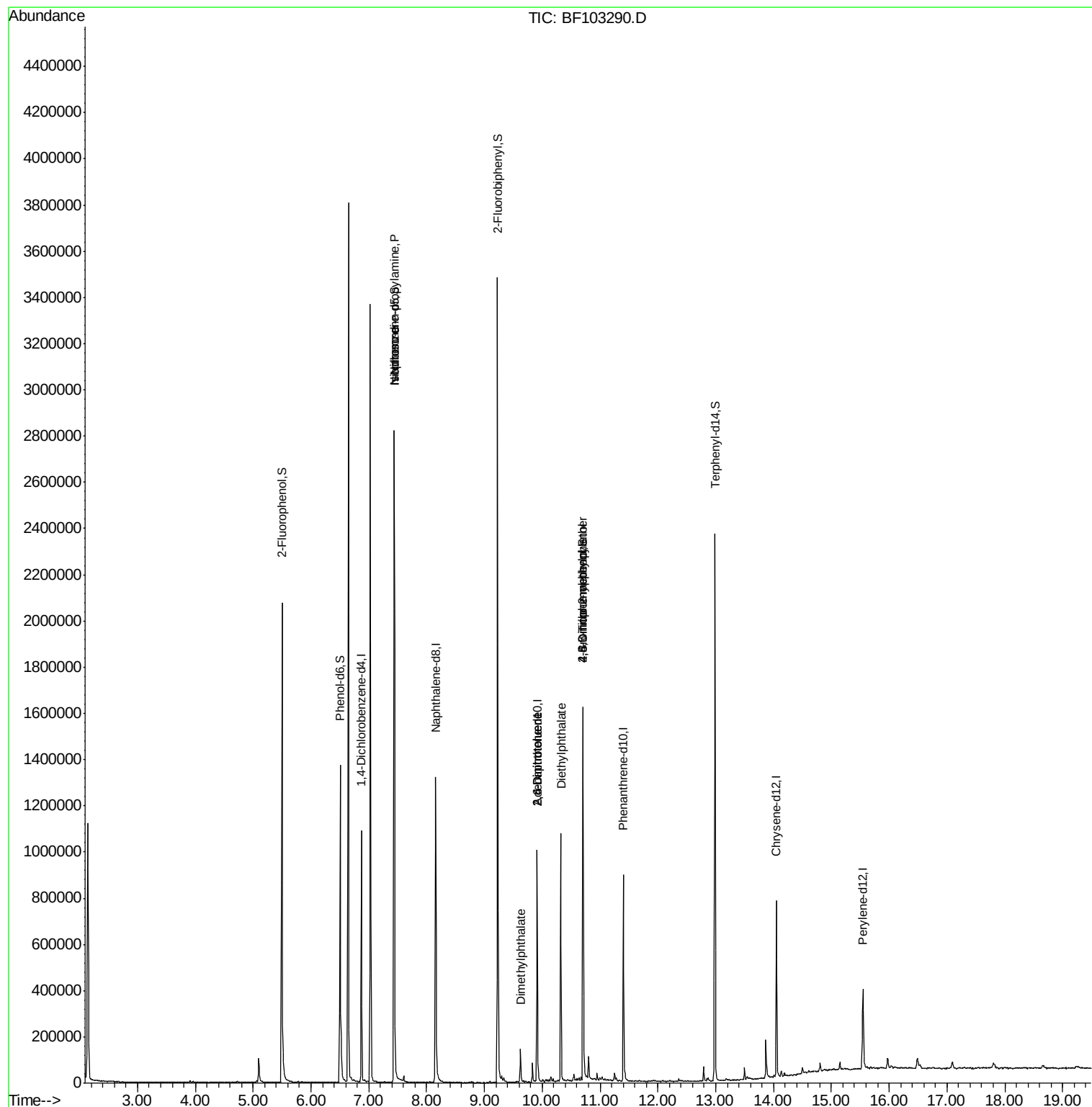
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	852	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	138492	17.39	ng	85
25) Isophorone	7.44	82	1007029	46.19	ng	64
49) Dimethylphthalate	9.62	163	60041	3.44	ng	100
50) 2,6-Dinitrotoluene	9.91	165	27807	7.59	ng	26
56) 2,4-Dinitrotoluene	9.91	165	27807	6.00	ng	24
59) Diethylphthalate	10.32	149	329193	19.72	ng	99
64) 4,6-Dinitro-2-methylphenol	10.70	198	297	5.08	ng	1
66) 4-Bromophenyl-phenylether	10.70	248	12703	3.81	ng	1

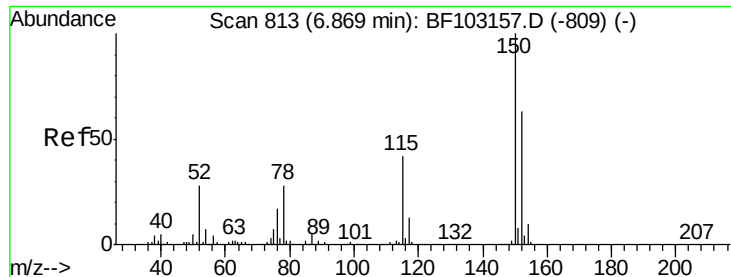
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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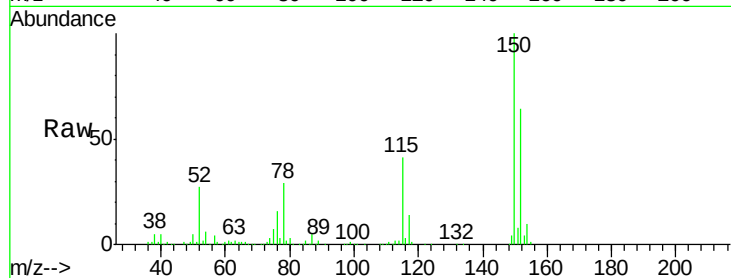


#1

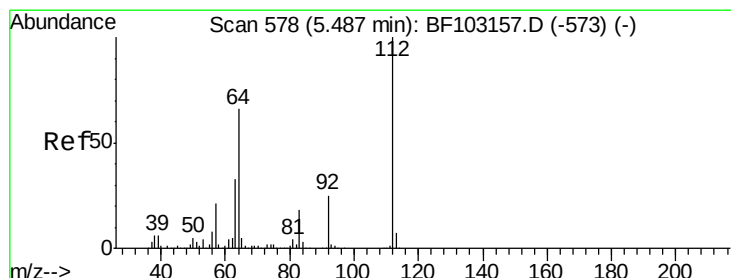
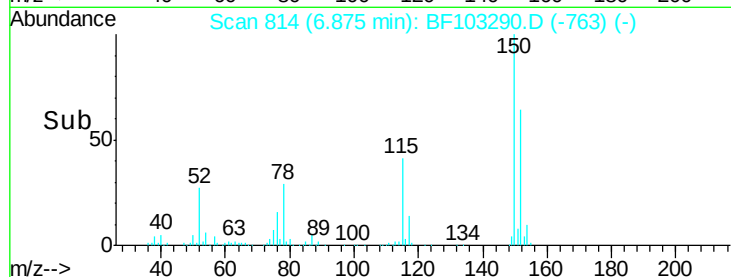
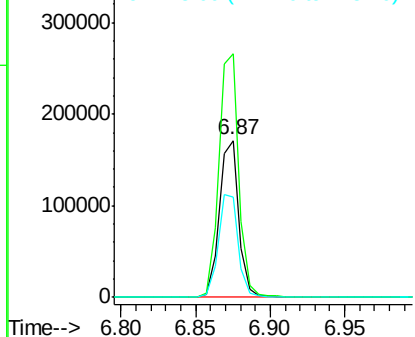
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	64.3	50.1	75.1



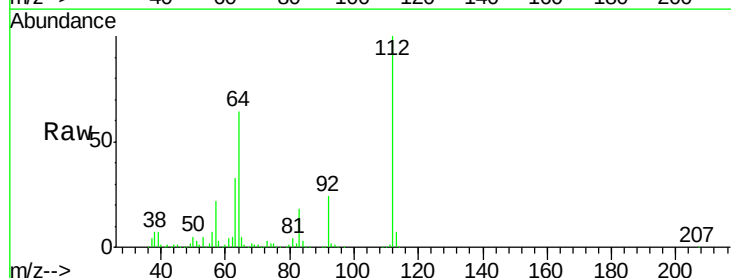
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



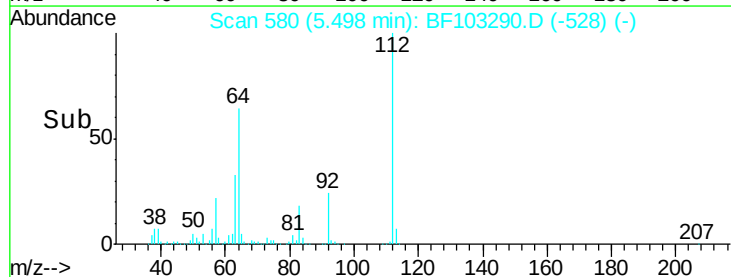
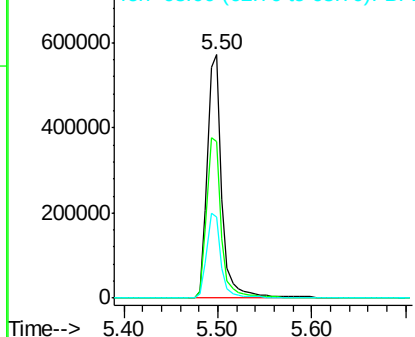
#5

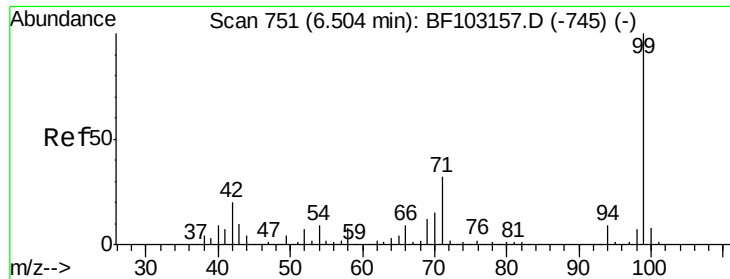
2-Fluorophenol
Concen: 60.17 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	33.4	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: 36.78 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

Instrument :

BNA_F

ClientSampleId :

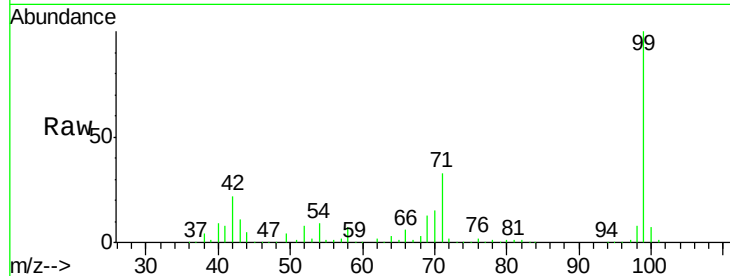
Tot Ion: 99 Resp: 470529

Ion Ratio Lower Upper

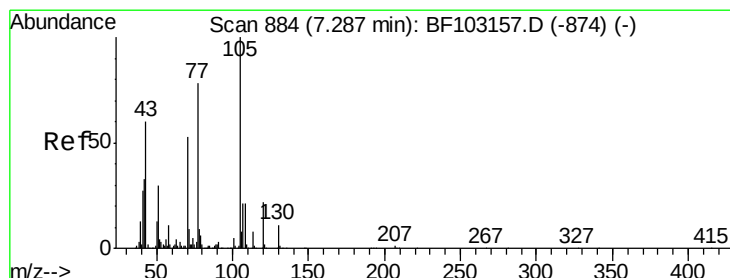
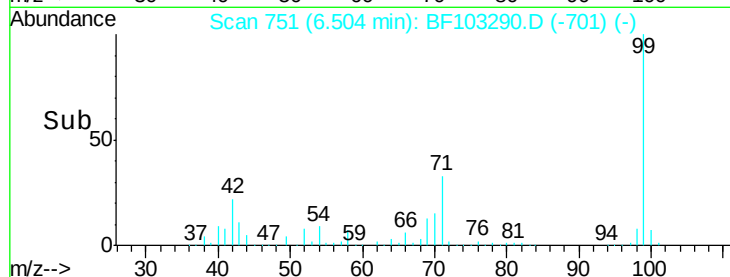
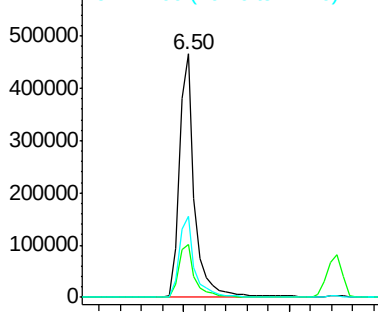
99 100

42 21.9 14.5 21.7#

71 33.4 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: 17.39 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

Tgt Ion: 70 Resp: 138492

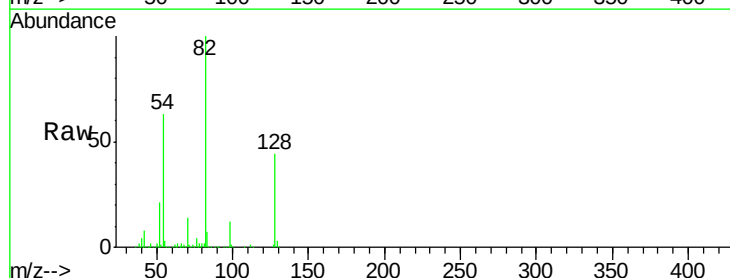
Ion Ratio Lower Upper

70 100

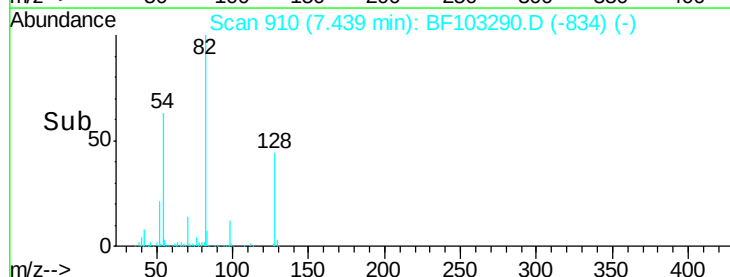
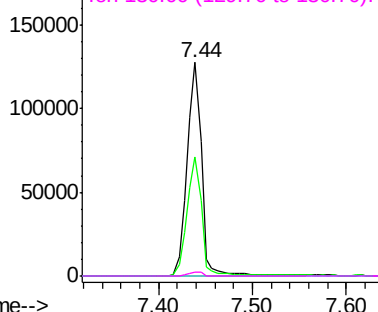
42 55.9 47.5 71.3

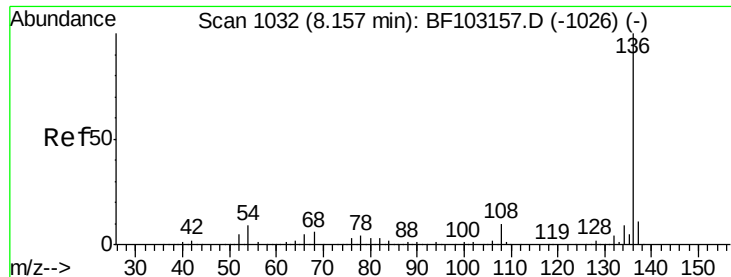
101 0.0 7.4 11.2#

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: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 632131

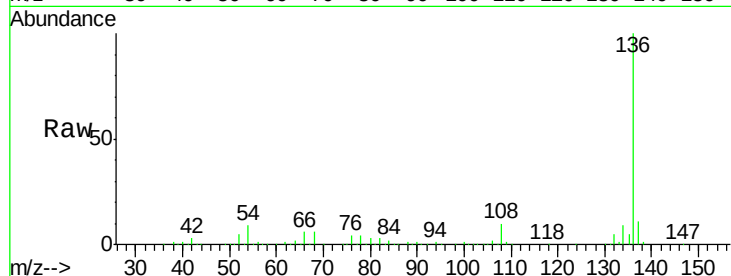
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.3 6.6 9.8

68 6.3 5.0 7.4

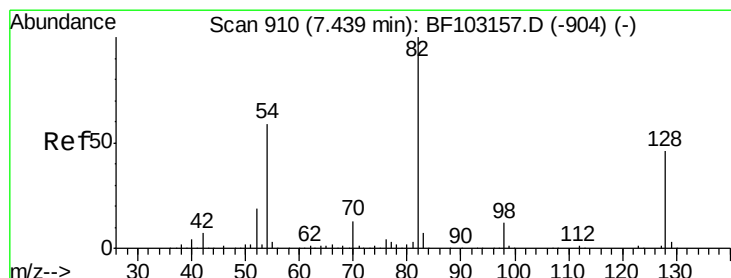
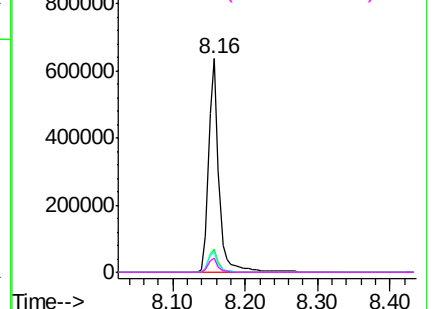
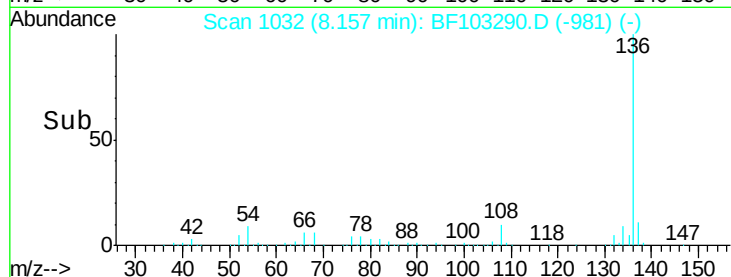


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.98 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

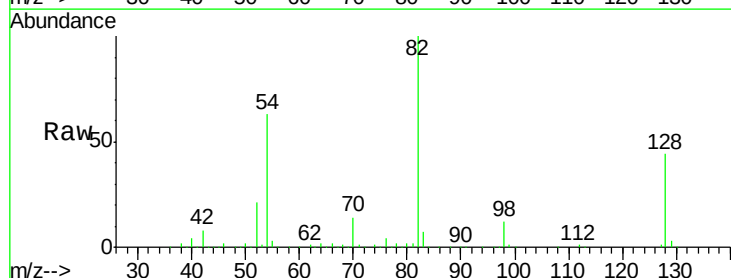
Tgt Ion: 82 Resp: 1007034

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

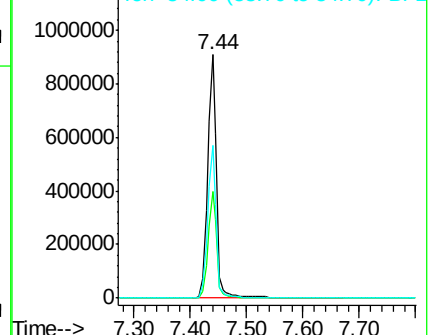
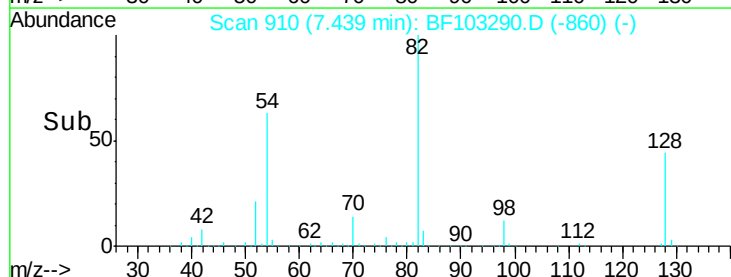
54 62.8 41.4 62.2#

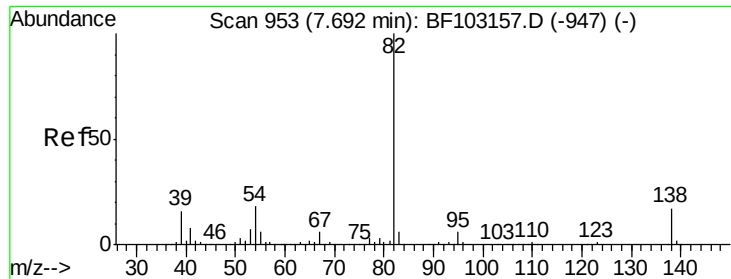


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

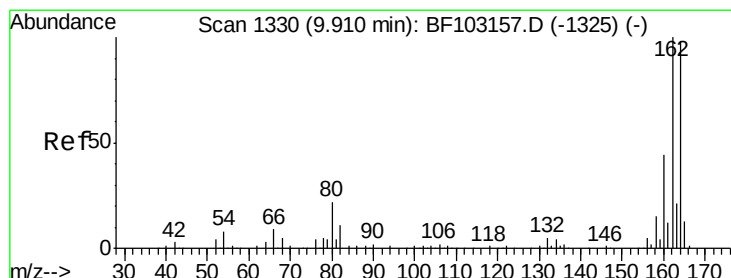
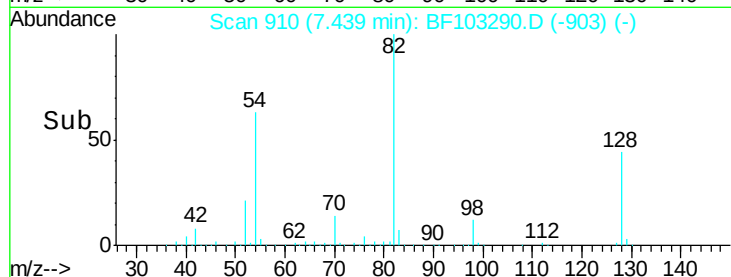
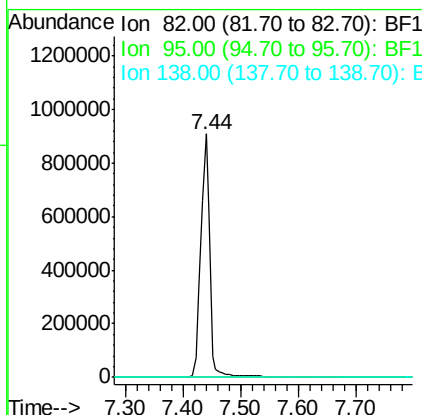
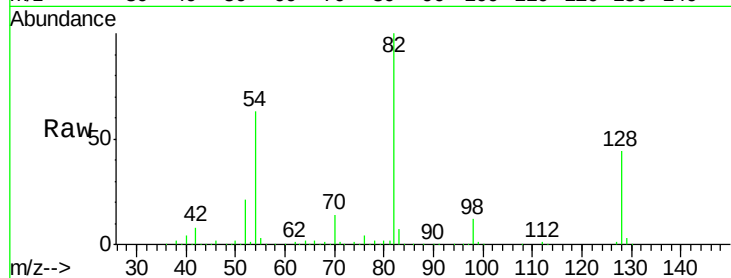




#25
Isophorone
Concen: 46.19 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

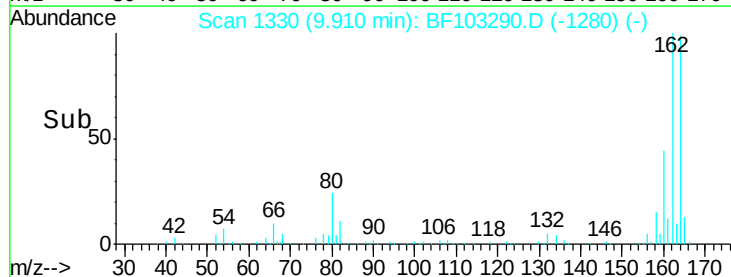
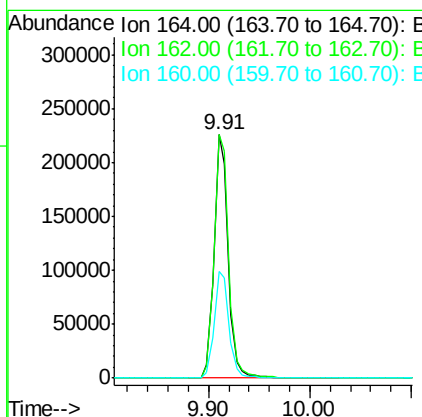
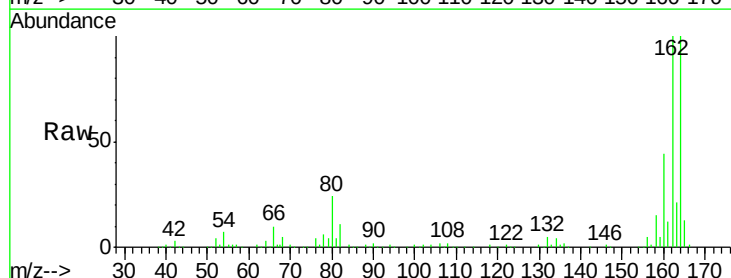
Instrument :
BNA_F
ClientSampled :

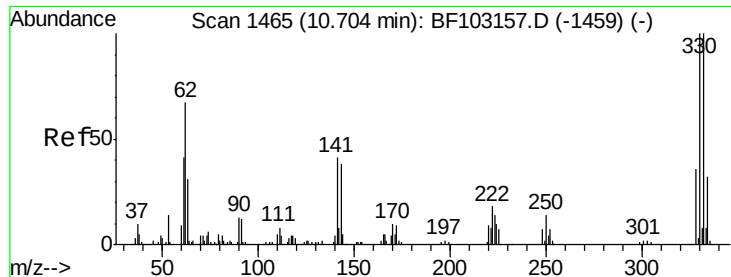
Tot Ion: 82 Resp: 1007029
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Tgt Ion:164 Resp: 217601
Ion Ratio Lower Upper
164 100
162 100.0 86.1 129.1
160 44.0 38.3 57.5

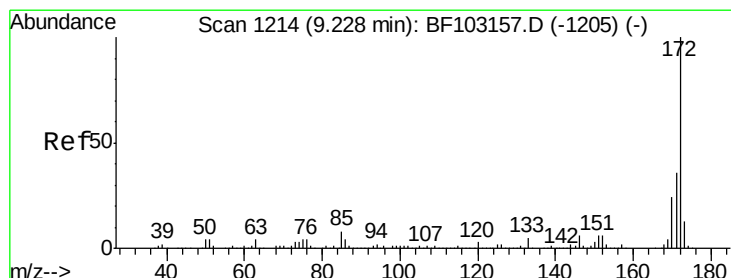
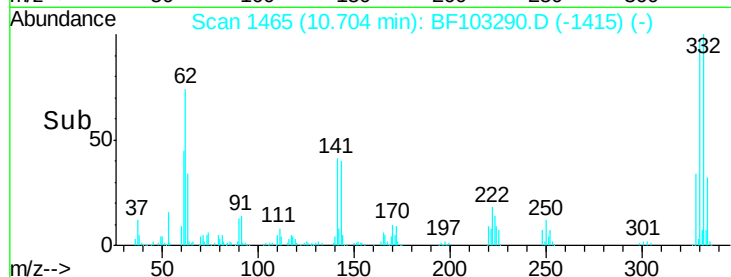
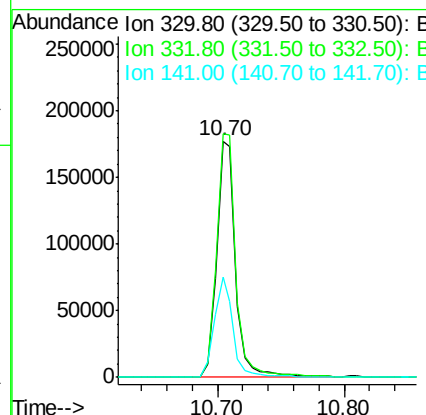
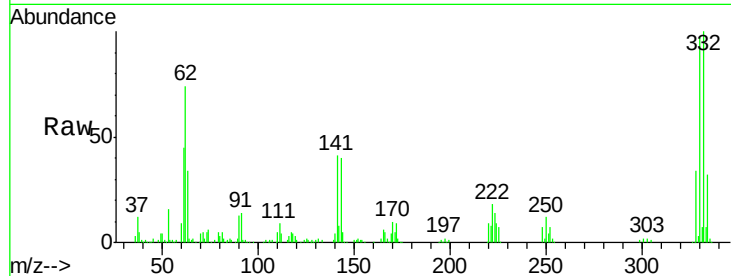




#41
 2,4,6-Tribromophenol
 Concen: 102.12 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103290.D
 Acq: 28 Feb 2018 4:14

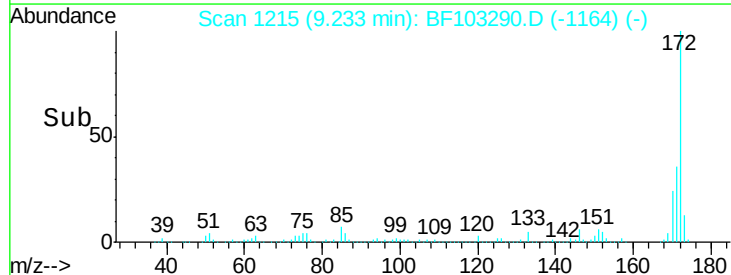
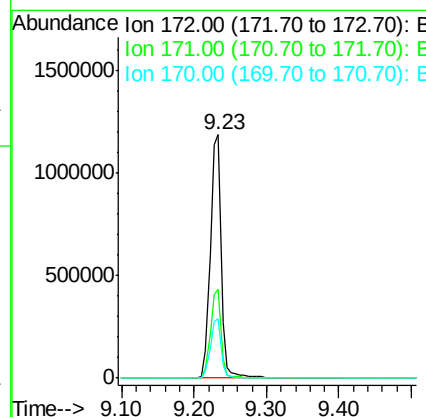
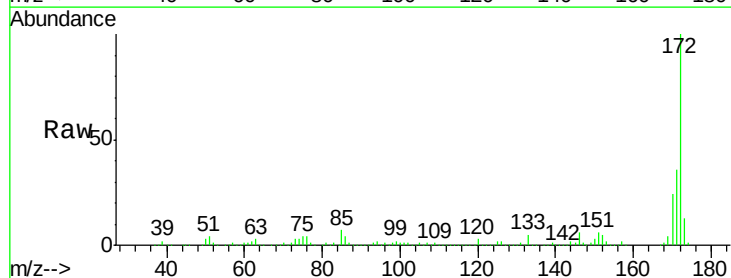
Instrument :
 BNA_F
 ClientSampled :

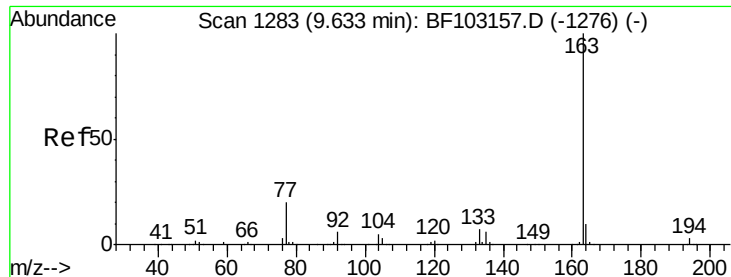
Tot Ion	330	Resp	188086
Ion Ratio	100	Lower	Upper
330	100	77.0	115.6
332	105.3	29.9	44.9
141	41.8		



#44
 2-Fluorobiphenyl
 Concen: 104.78 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103290.D
 Acq: 28 Feb 2018 4:14

Tgt Ion	172	Resp	1252907
Ion Ratio	100	Lower	Upper
172	100	29.7	44.5
171	36.5	19.6	29.4
170	24.2		

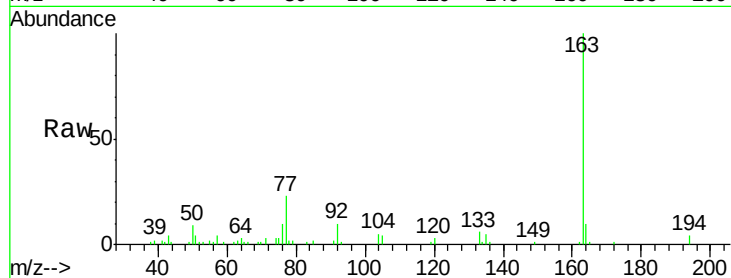




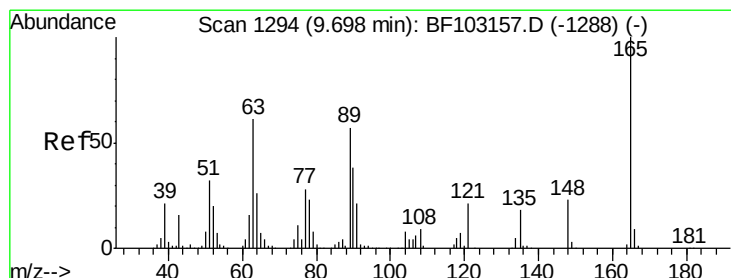
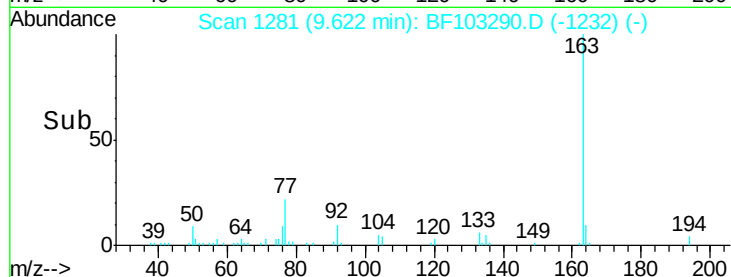
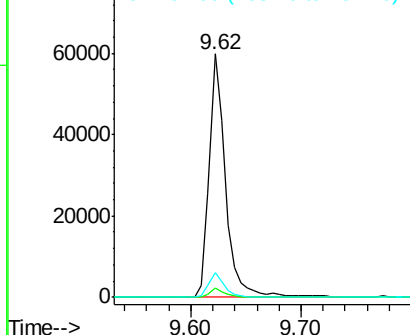
#49
Dimethylphthalate
Concen: 3.44 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 60041
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 8.2 12.2

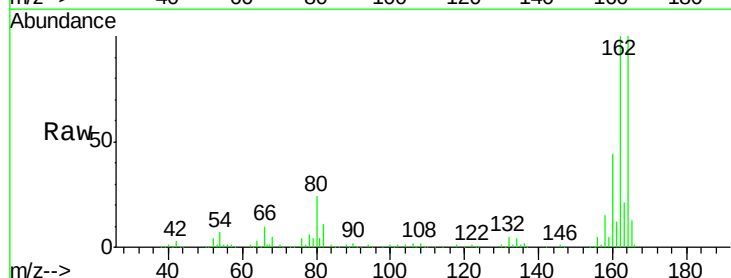


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

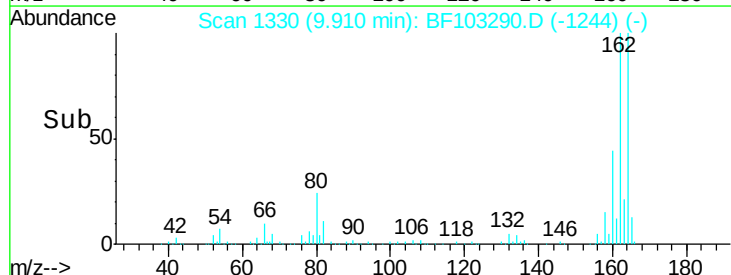
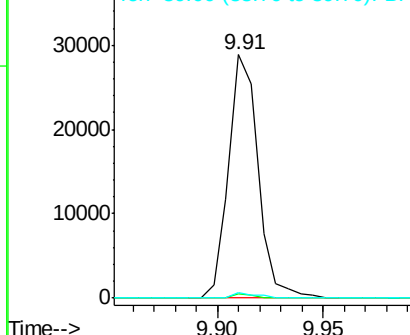


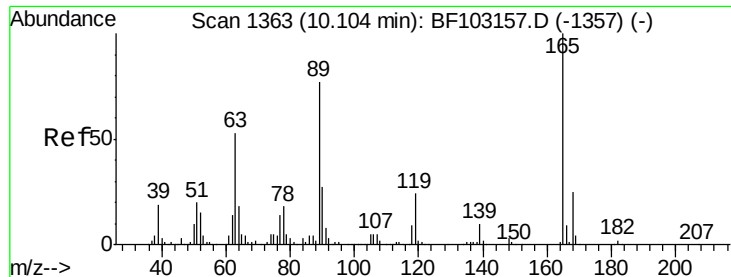
#50
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Tgt Ion:165 Resp: 27807
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 2.4 44.0 66.0#



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

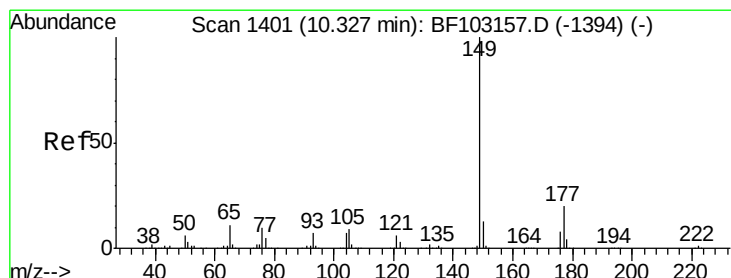
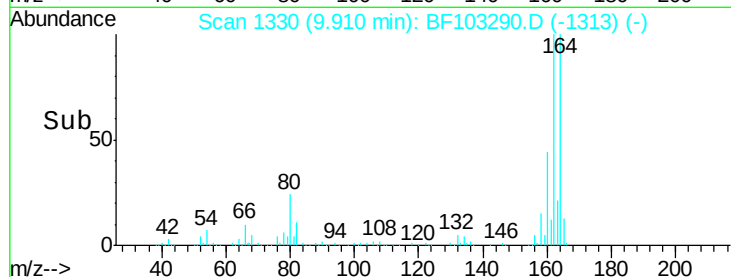
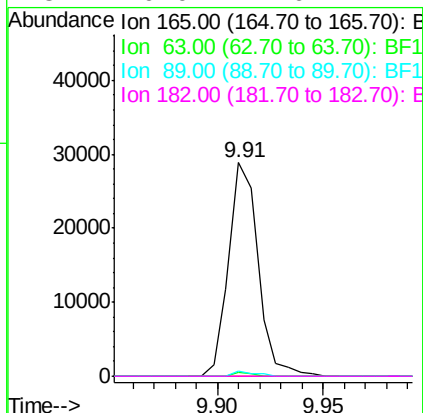
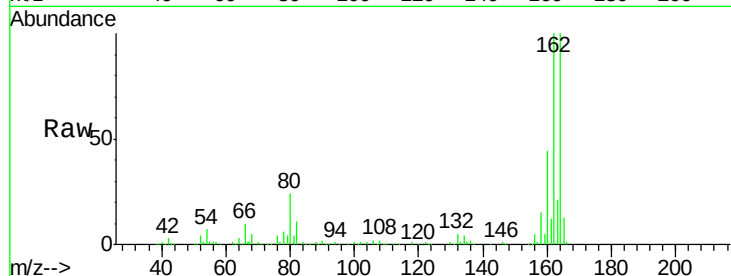




#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

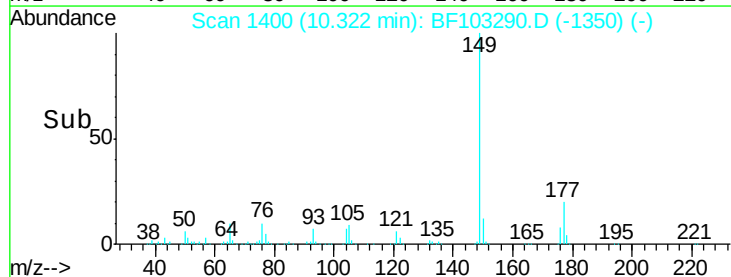
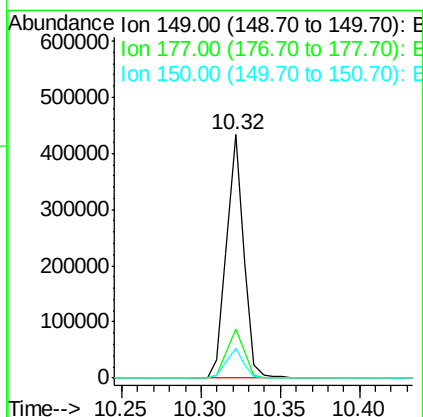
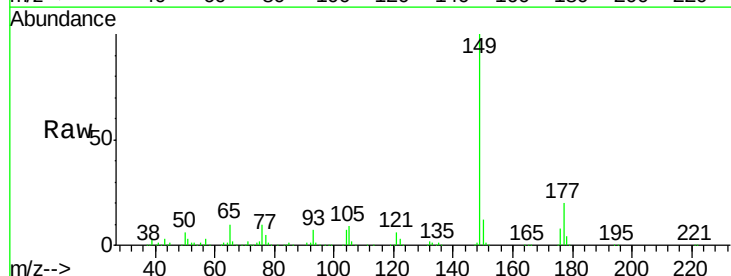
Instrument :
BNA_F
ClientSampleId :

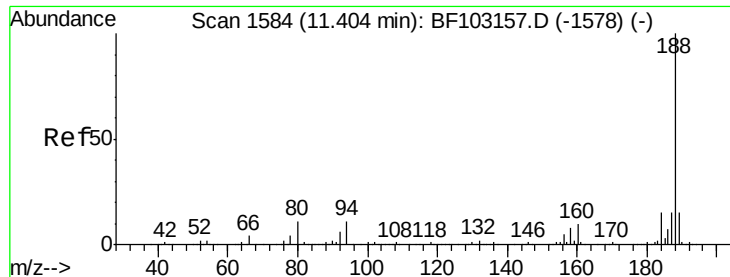
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#



#59
Diethylphthalate
Concen: 19.72 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.9	16.1	24.1
150	12.2	10.1	15.1

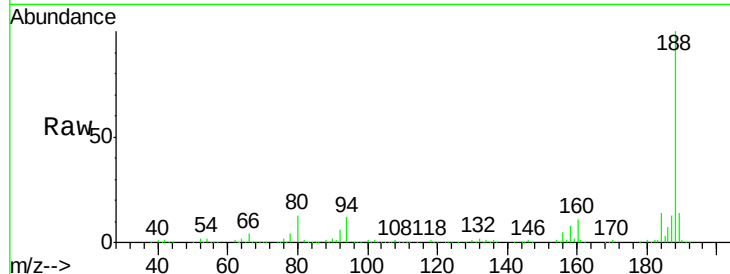




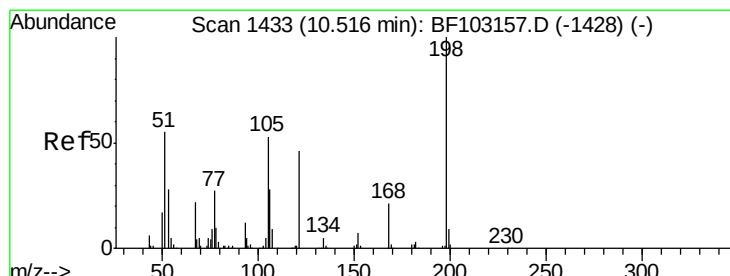
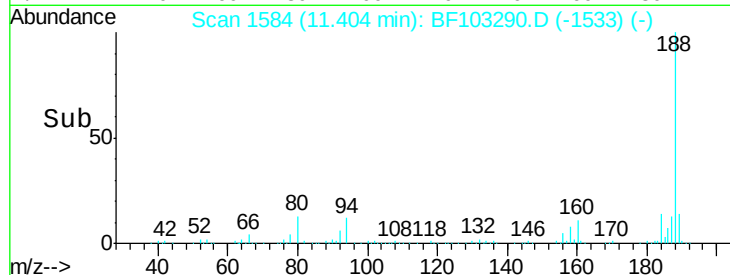
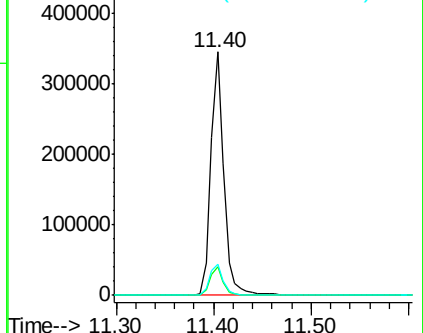
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 320309
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.7 9.2 13.8

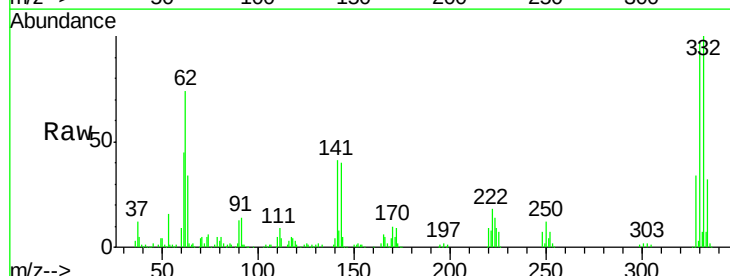


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

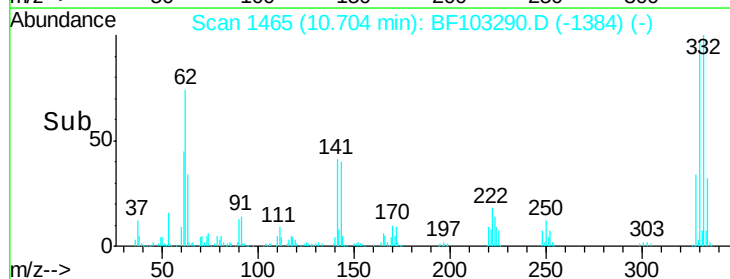
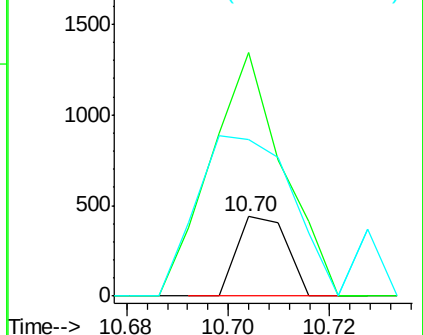


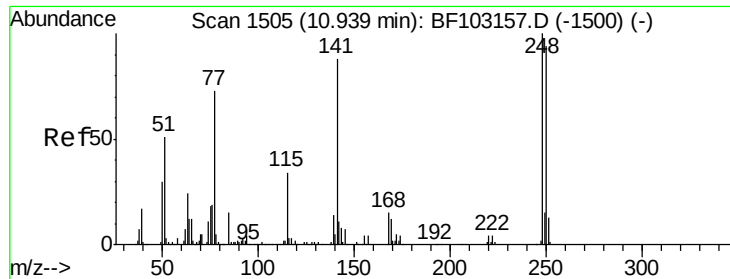
#64
4,6-Dinitro-2-methylphenol
Concen: 5.08 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Tgt Ion:198 Resp: 297
Ion Ratio Lower Upper
198 100
51 307.3 37.7 77.7#
105 197.5 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

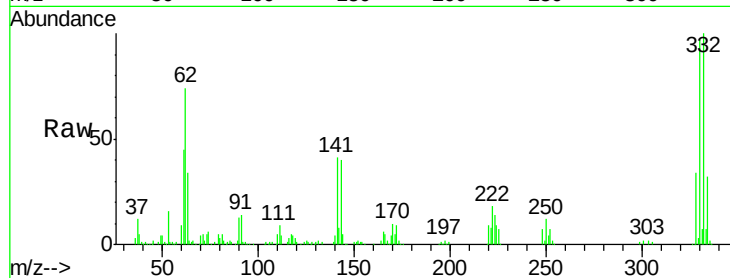




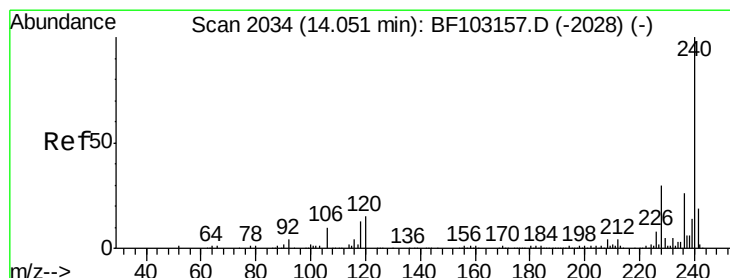
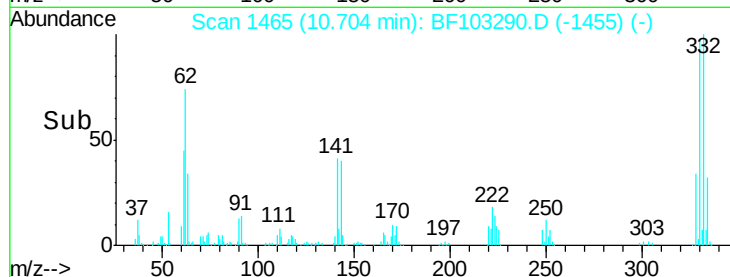
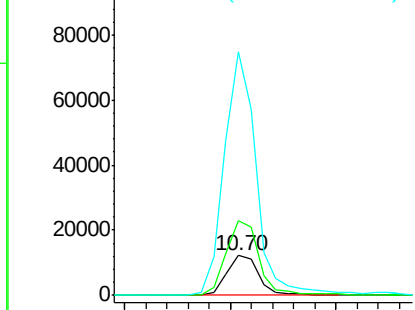
#66
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12703
Ion Ratio Lower Upper
248 100
250 187.0 76.9 115.3#
141 612.7 74.4 111.6#

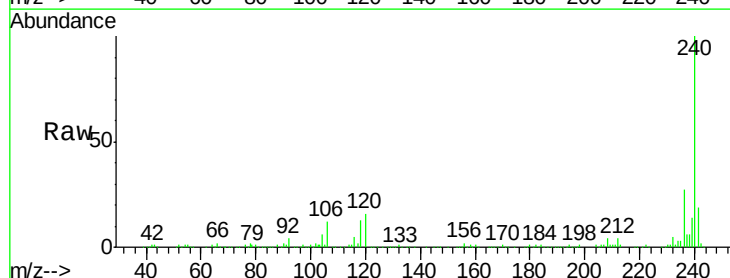


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

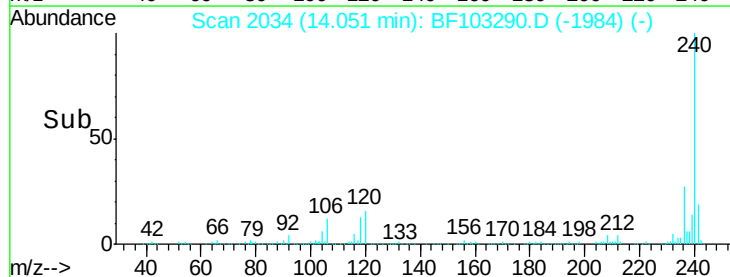
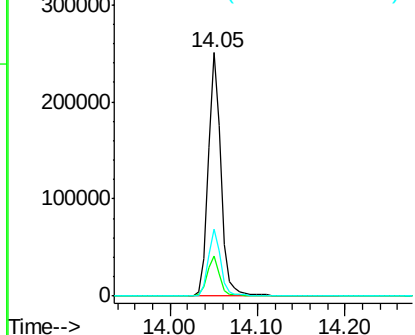


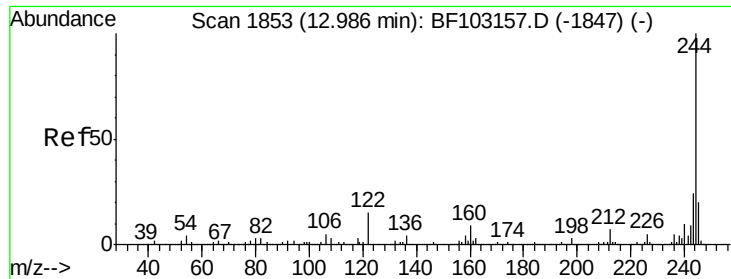
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Tgt Ion:240 Resp: 254375
Ion Ratio Lower Upper
240 100
120 16.2 9.5 14.3#
236 27.4 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: 82.33 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

Instrument :

BNA_F

ClientSampleId :

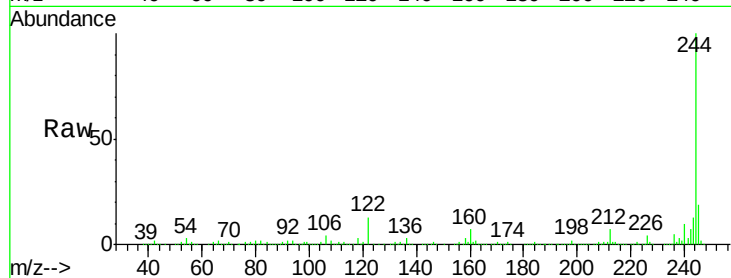
Tot Ion:244 Resp: 871253

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

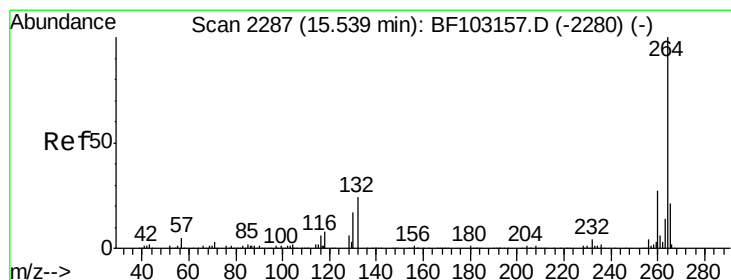
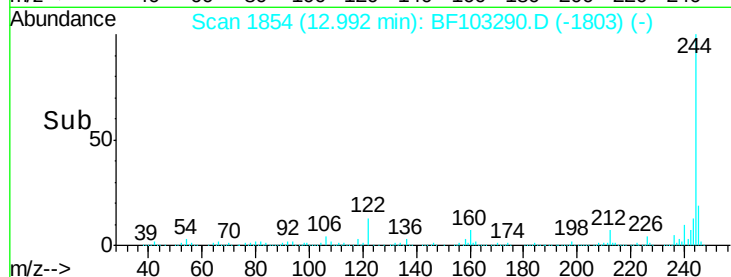
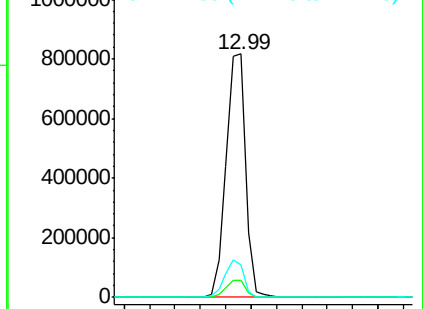
122 13.3 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

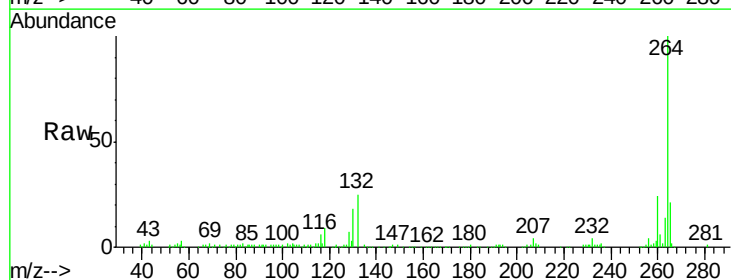
Tgt Ion:264 Resp: 175555

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.1 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

