

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103535.D
 Acq On : 8 Mar 2018 23:35
 Operator : SJ/JU
 Sample : J1826-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 01:27:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123880	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	489524	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	180612	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	294435	20.00	ng	0.00
75) Chrysene-d12	14.06	240	220820	20.00	ng	0.00
86) Perylene-d12	15.57	264	174806	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1089049	132.96	ng	0.00
7) Phenol-d6	6.50	99	1329982	132.70	ng	0.00
23) Nitrobenzene-d5	7.43	82	819887	95.65	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	161423	105.59	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1040051	104.80	ng	0.00
78) Terphenyl-d14	12.99	244	723598	78.77	ng	0.00

Target Compounds

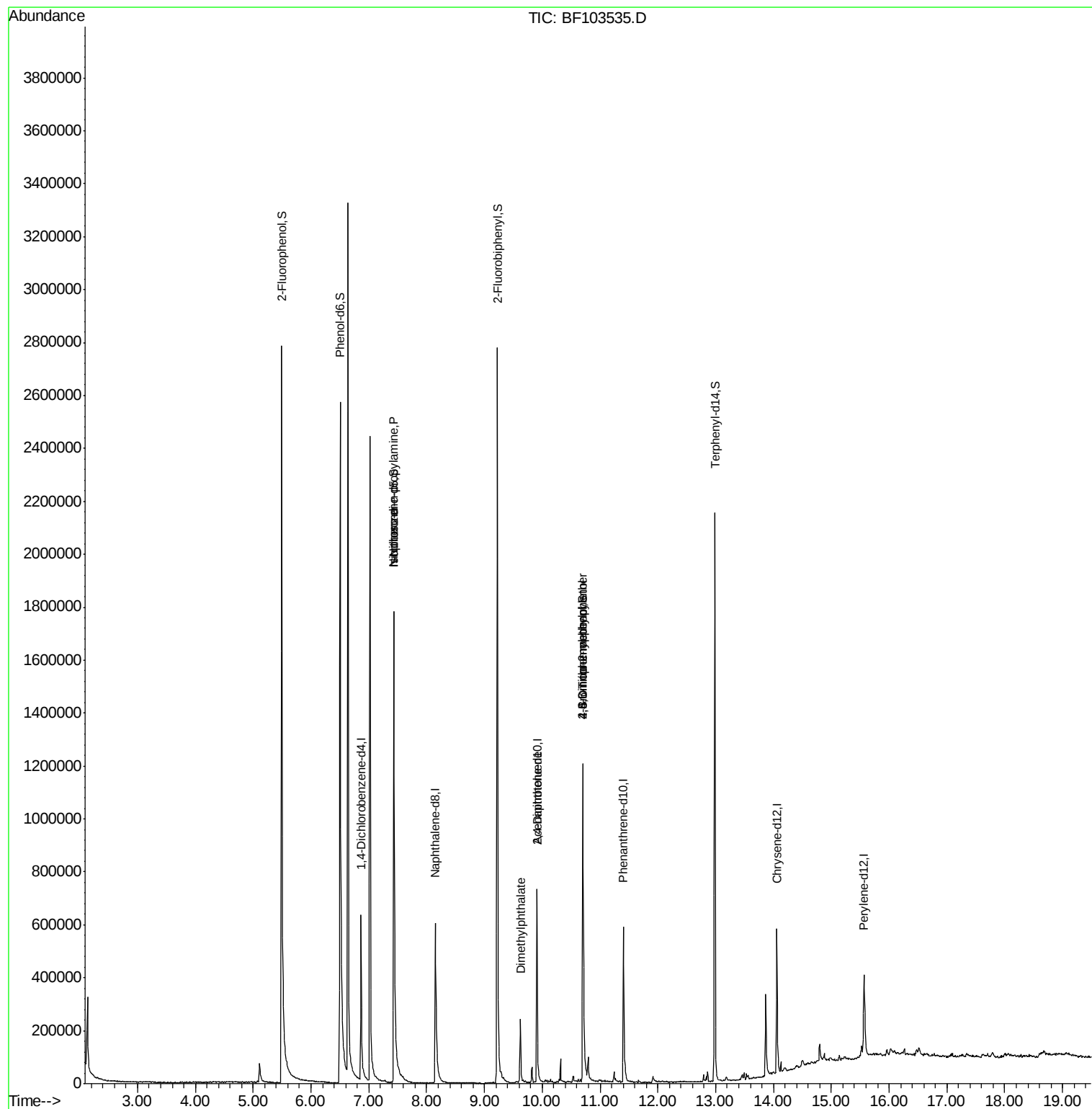
						Qvalue
9) Benzaldehyde	6.50	77	1657	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	109122	17.494	ng	# 83
25) Isophorone	7.43	82	819887	48.565	ng	# 64
49) Dimethylphthalate	9.62	163	122993	8.489	ng	99
56) 2,4-Dinitrotoluene	9.91	165	22232	5.781	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	382	5.137	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11805	3.849	ng	# 1

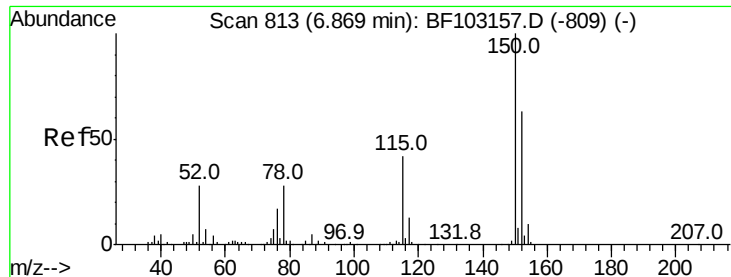
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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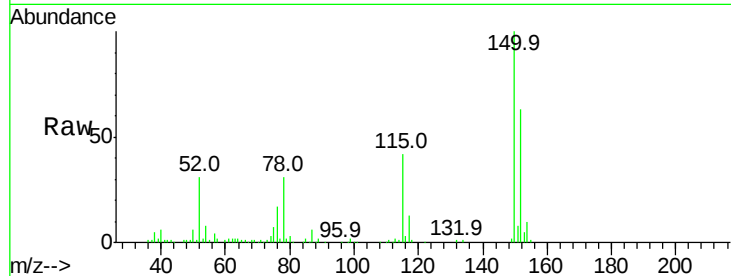


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103535.D
Acq: 8 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	67.5	50.1	75.1

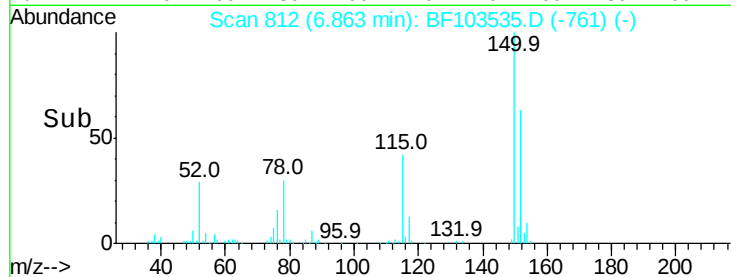
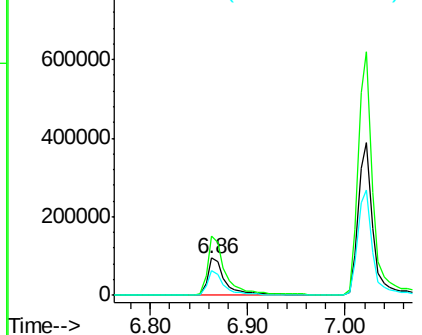


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

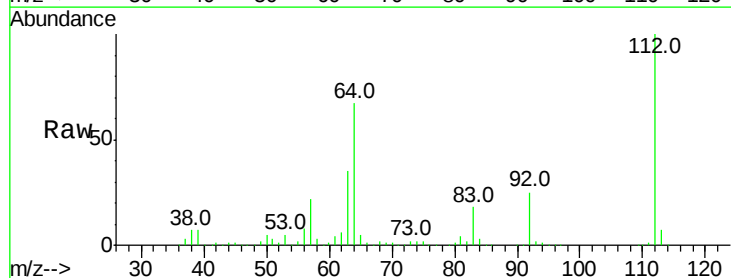
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.960 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103535.D
Acq: 8 Mar 2018 23:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	47.9	71.9
63	34.6	23.7	35.5

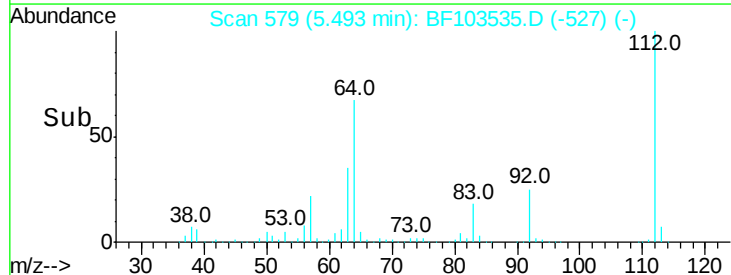
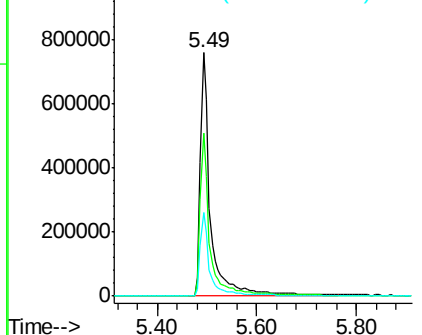


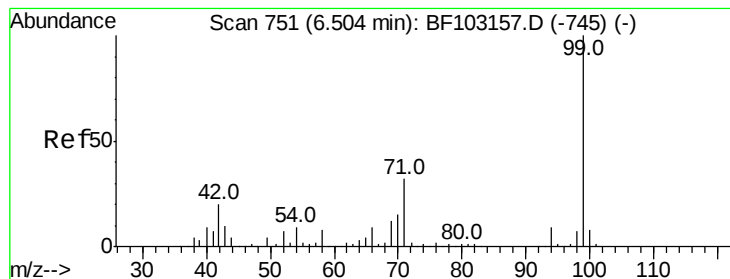
Abundance

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: 132.697 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103535.D

Acq: 8 Mar 2018 23:35

Instrument :

BNA_F

ClientSampled :

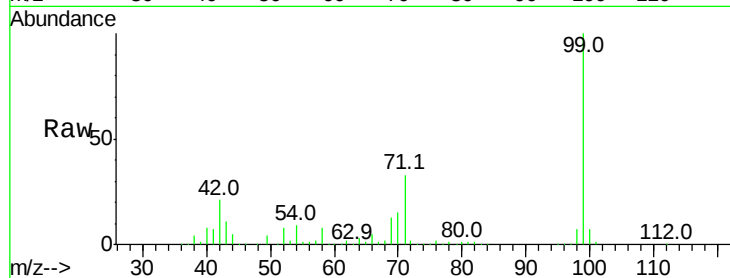
Tot Ion: 99 Resp: 1329982

Ion Ratio Lower Upper

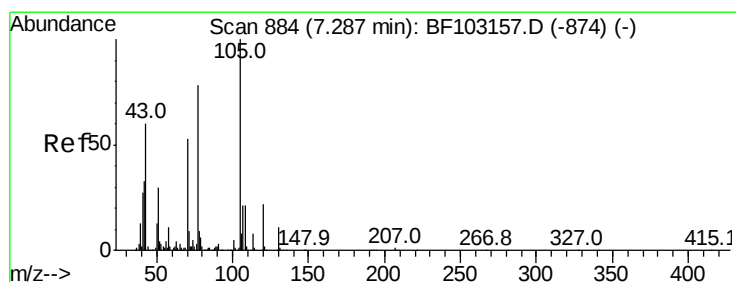
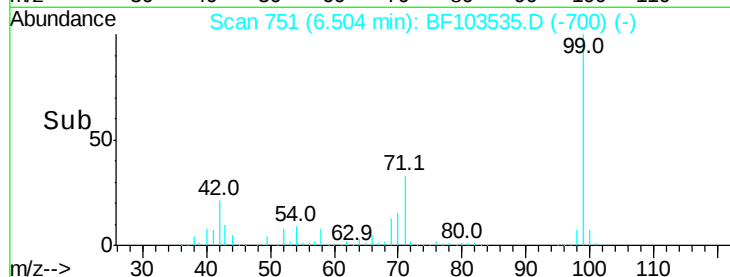
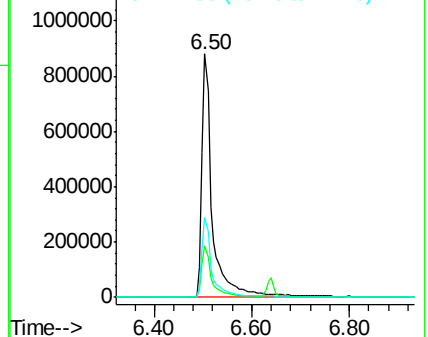
99 100

42 21.0 14.5 21.7

71 33.0 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: 17.494 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103535.D

Acq: 8 Mar 2018 23:35

Tgt Ion: 70 Resp: 109122

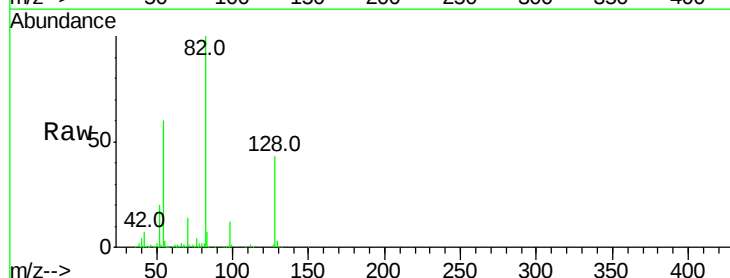
Ion Ratio Lower Upper

70 100

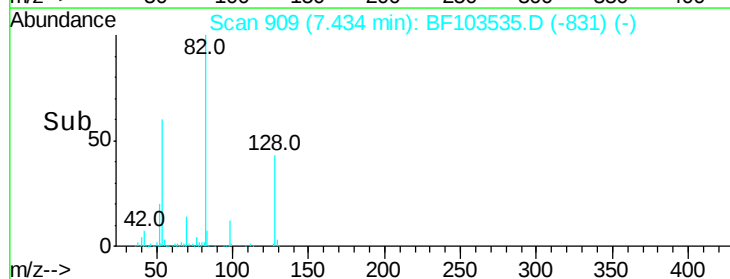
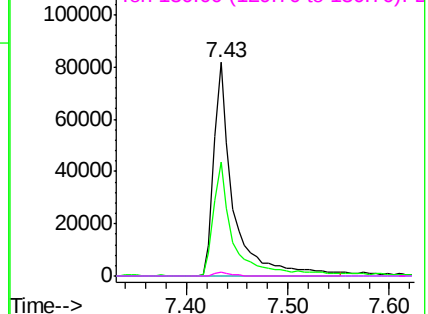
42 53.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 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

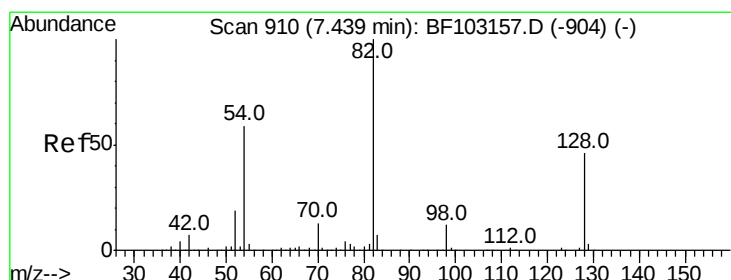
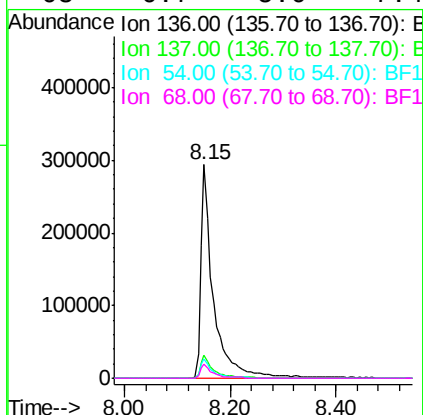
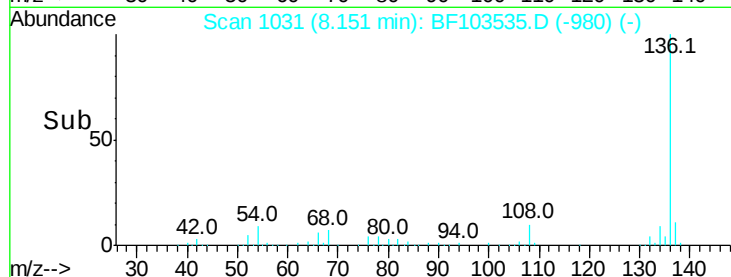
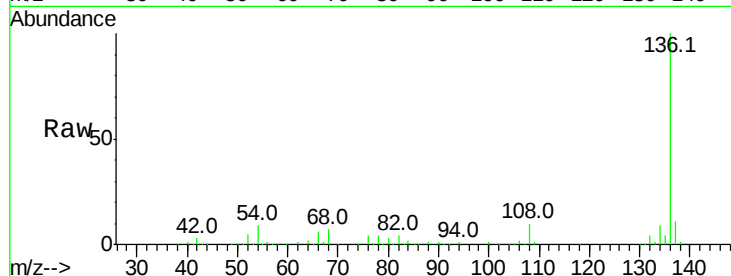




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103535.D
Acq: 8 Mar 2018 23:35

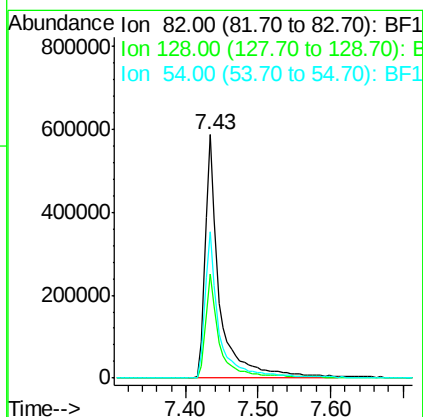
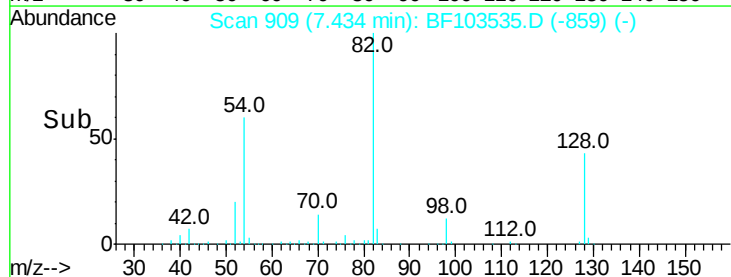
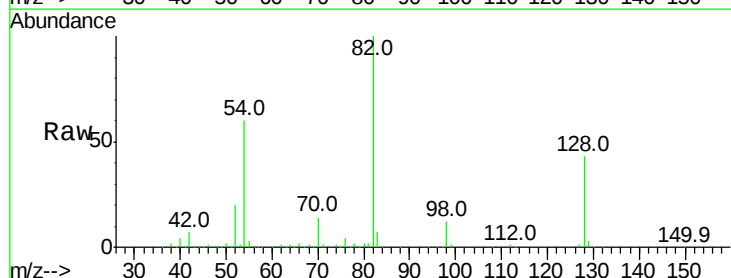
Instrument :
BNA_F
ClientSampleId :

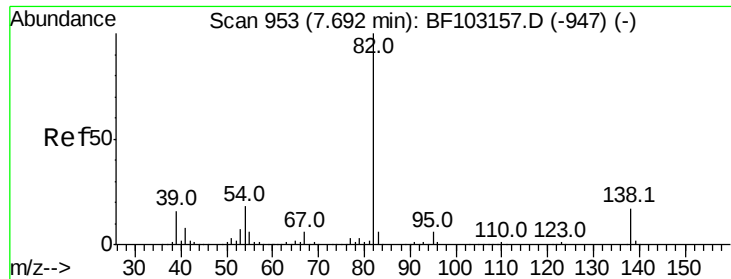
Tot Ion:136	Resp:	489524	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 9.2	6.6	9.8	
68 6.7	5.0	7.4	



#23
Nitrobenzene-d5
Concen: 95.649 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103535.D
Acq: 8 Mar 2018 23:35

Tgt Ion: 82	Resp: 819887
Ion Ratio	Lower Upper
82 100	
128 42.8	36.1 54.1
54 60.3	41.4 62.2





#25

Isophorone

Concen: 48.565 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103535.D

Acq: 8 Mar 2018 23:35

Instrument :

BNA_F

ClientSampleId :

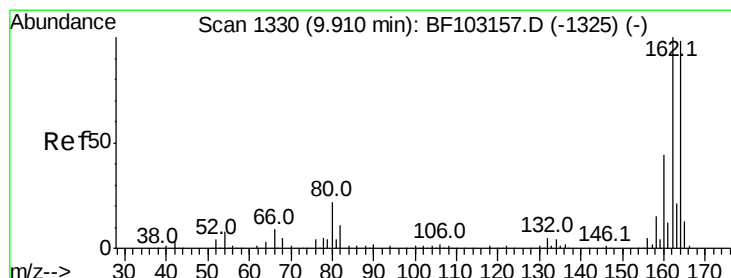
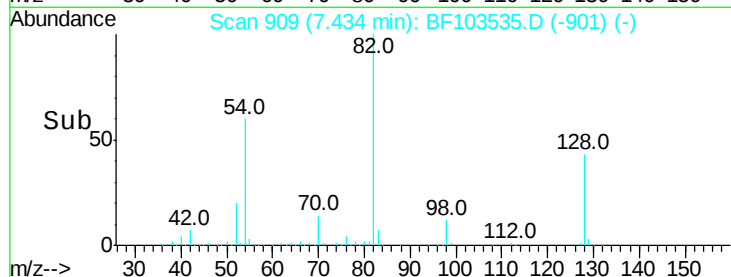
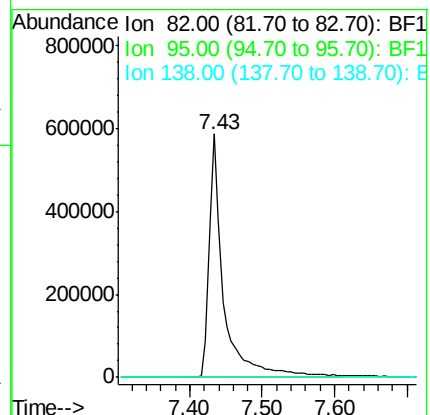
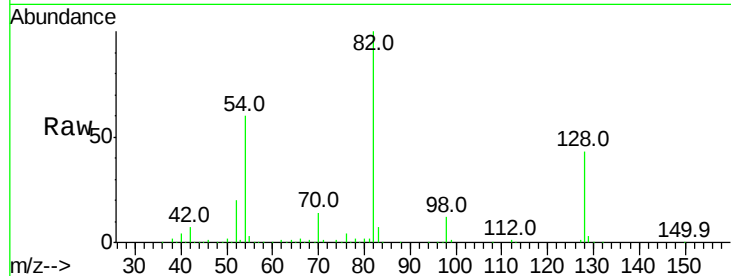
Tot Ion: 82 Resp: 819887

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103535.D

Acq: 8 Mar 2018 23:35

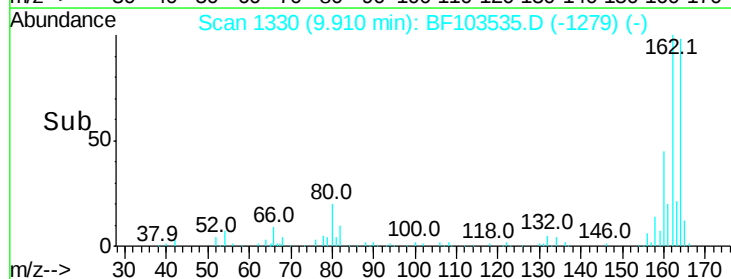
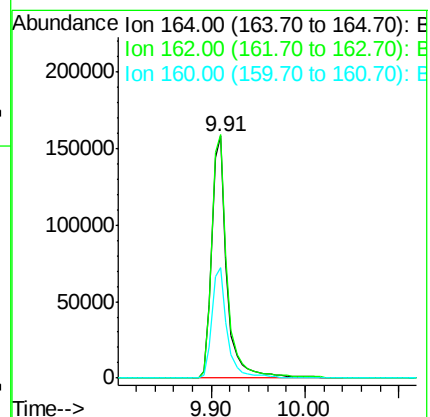
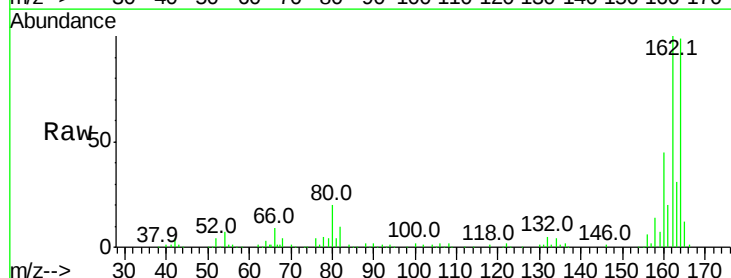
Tgt Ion:164 Resp: 180612

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

160 45.5 38.3 57.5

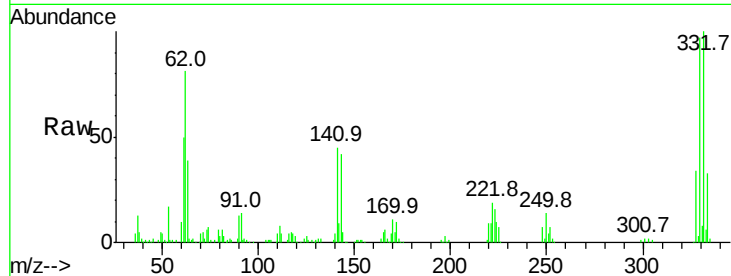




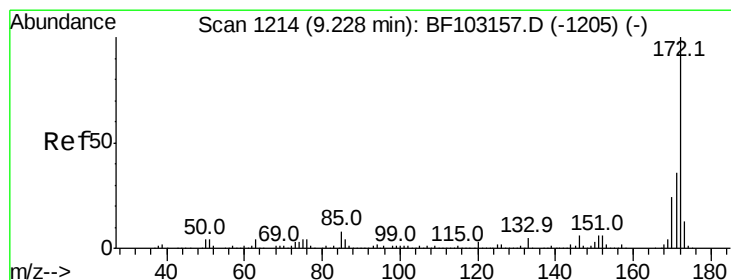
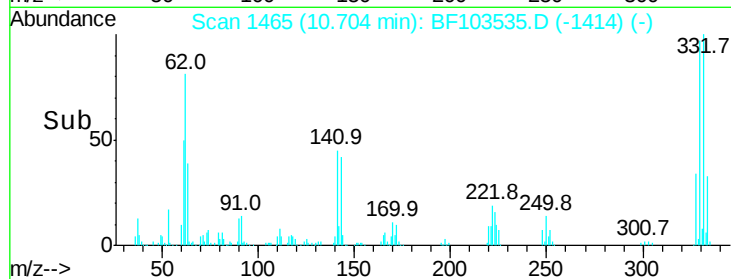
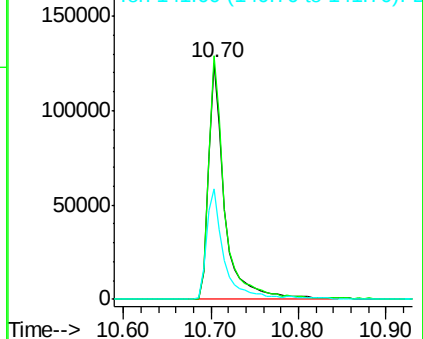
#41
 2,4,6-Tribromophenol
 Concen: 105.589 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103535.D
 Acq: 8 Mar 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 161423
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 50.8 29.9 44.9#

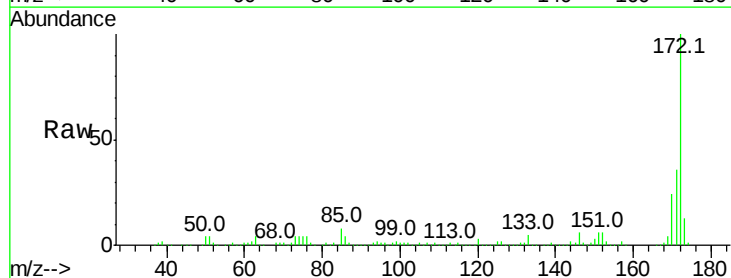


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

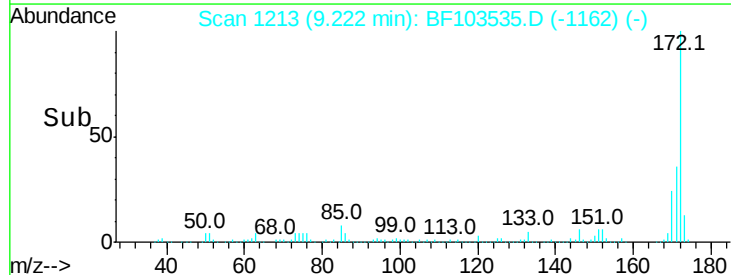
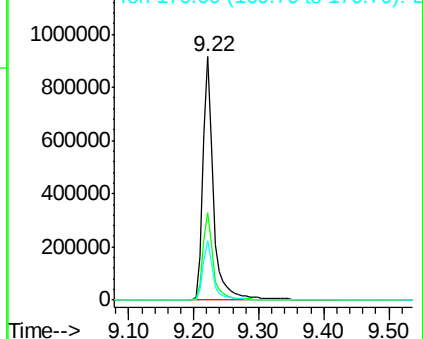


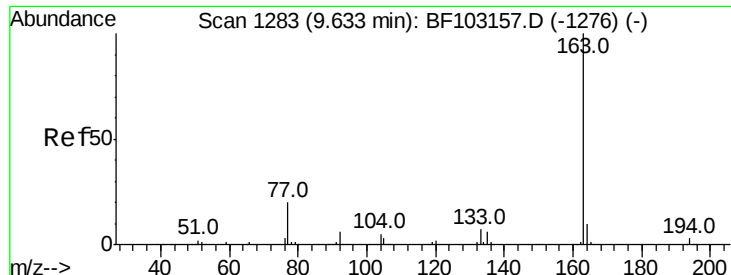
#44
 2-Fluorobiphenyl
 Concen: 104.795 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103535.D
 Acq: 8 Mar 2018 23:35

Tgt Ion:172 Resp: 1040051
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.4 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

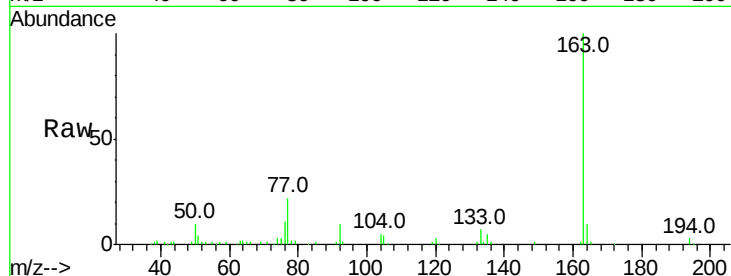




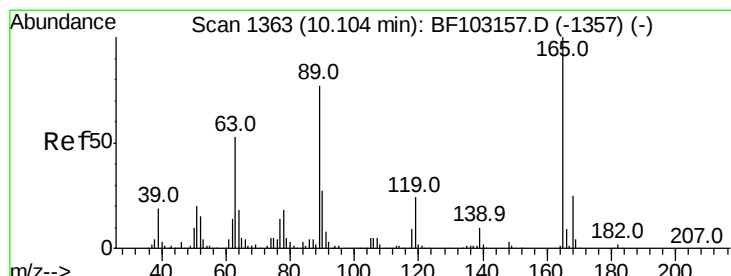
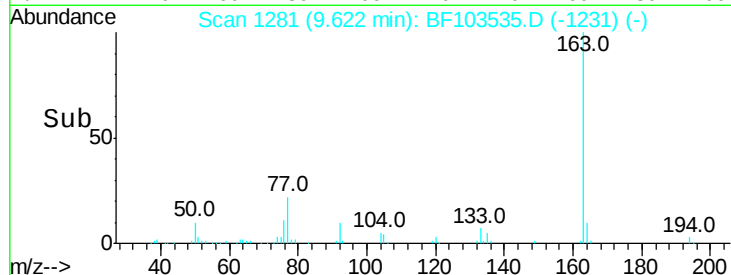
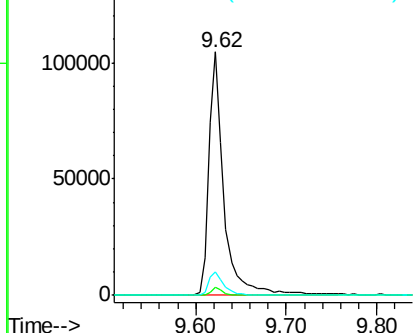
#49
Dimethylphthalate
Concen: 8.489 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103535.D
Acq: 8 Mar 2018 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 122993
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.7 8.2 12.2



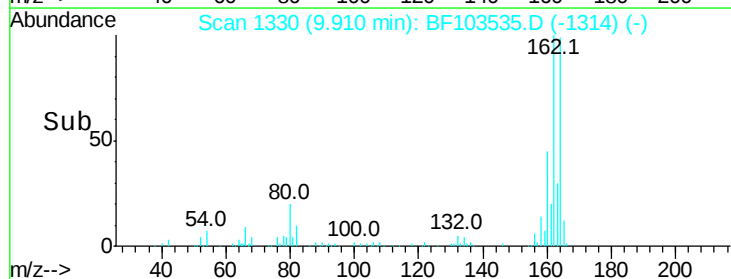
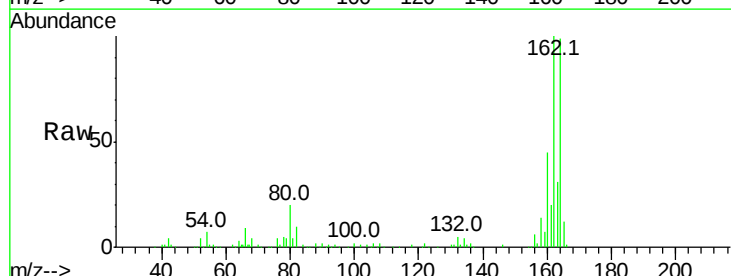
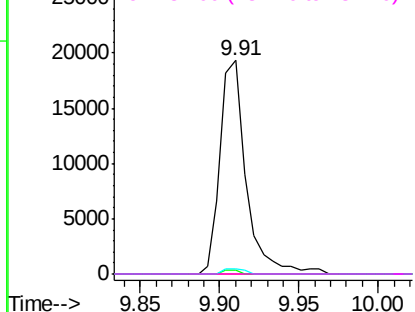
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

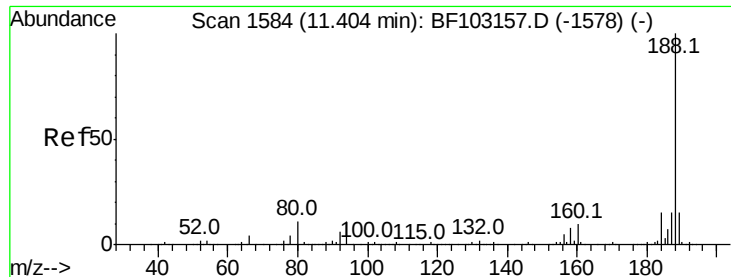


#56
2,4-Dinitrotoluene
Concen: 5.781 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF103535.D
Acq: 8 Mar 2018 23:35

Tgt Ion:165 Resp: 22232
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 2.2 57.8 86.6#
182 0.0 1.6 2.4#

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

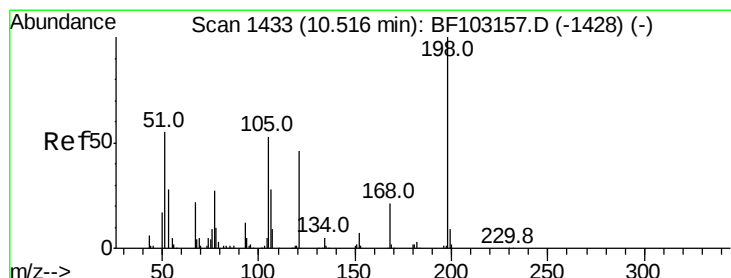
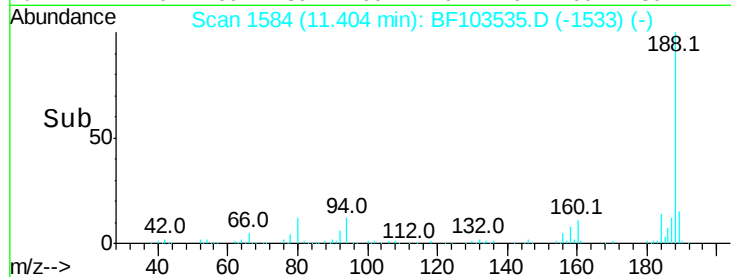
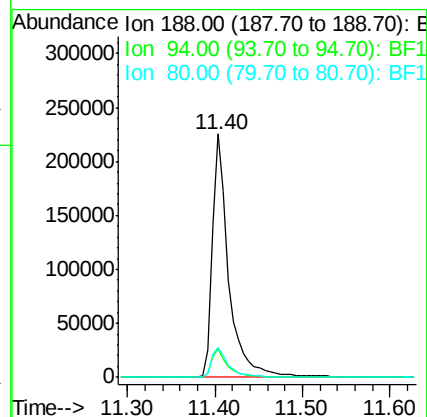
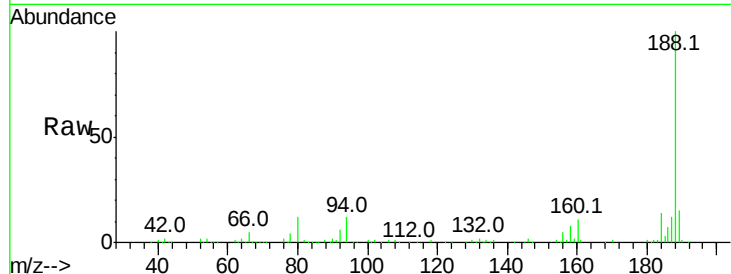




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103535.D
Acq: 8 Mar 2018 23:35

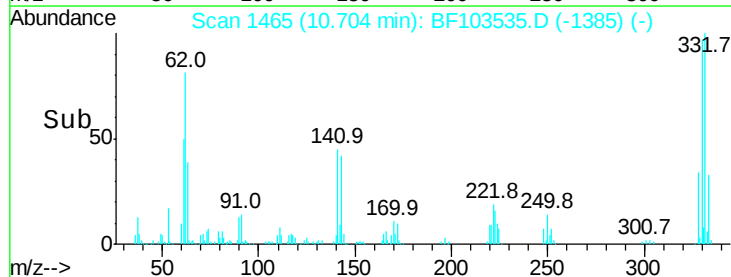
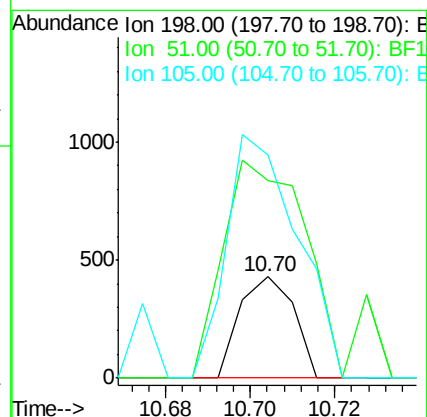
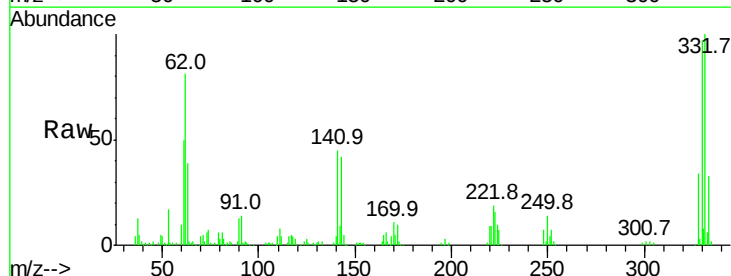
Instrument :
BNA_F
ClientSampleId :

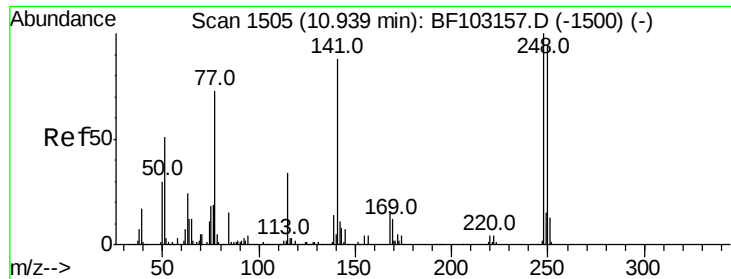
Tot Ion:188 Resp: 294435
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.137 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.17 min
Lab File: BF103535.D
Acq: 8 Mar 2018 23:35

Tgt Ion:198 Resp: 382
Ion Ratio Lower Upper
198 100
51 196.3 37.7 77.7#
105 220.8 36.3 76.3#

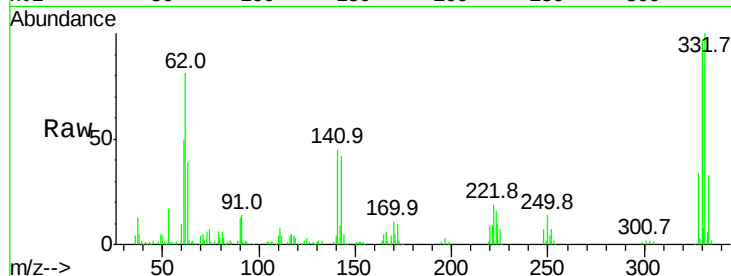




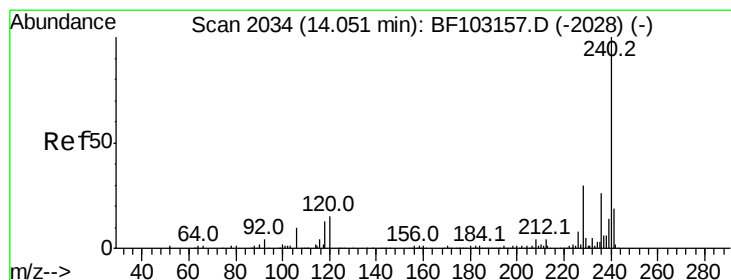
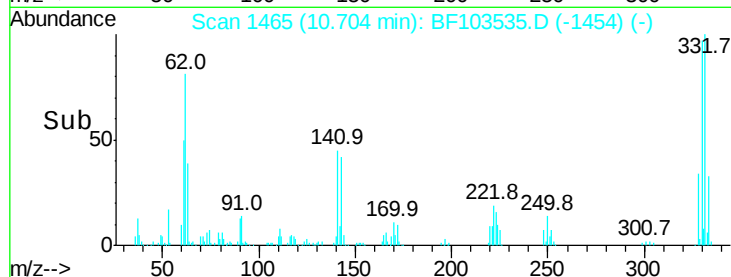
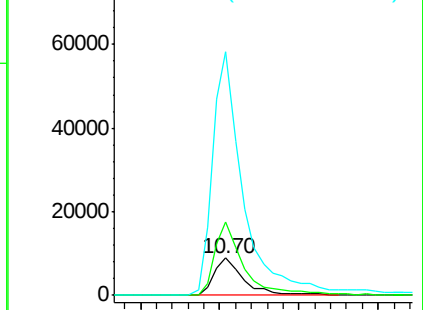
#66
4-Bromophenyl-phenylether
Concen: 3.849 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103535.D
Acq: 8 Mar 2018 23:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11805
Ion Ratio Lower Upper
248 100
250 196.6 76.9 115.3#
141 652.6 74.4 111.6#

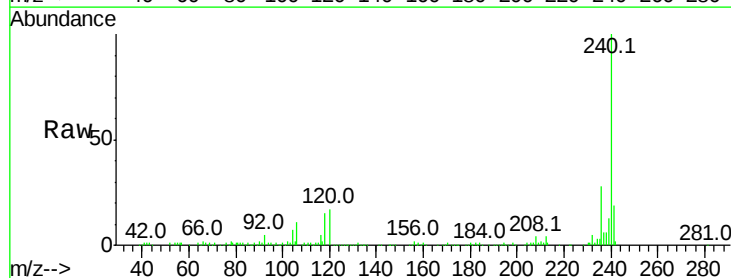


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

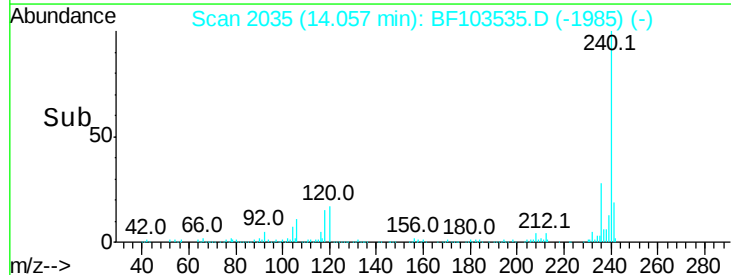
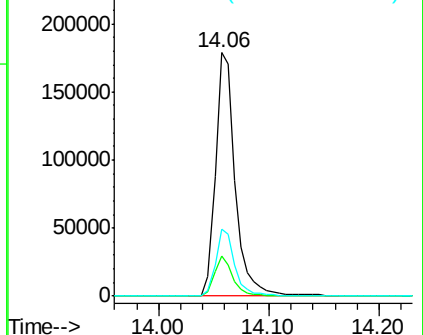


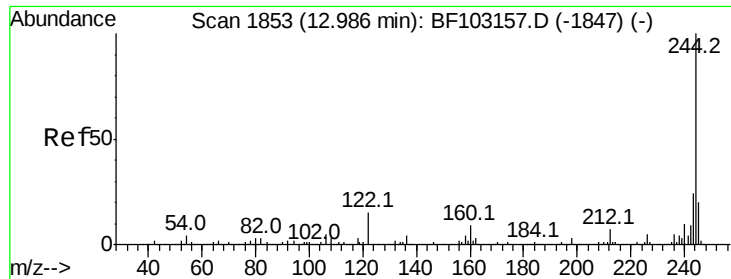
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103535.D
Acq: 8 Mar 2018 23:35

Tgt Ion:240 Resp: 220820
Ion Ratio Lower Upper
240 100
120 16.5 9.5 14.3#
236 27.6 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





#78

Terphenyl-d14

Concen: 78.772 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103535.D

Acq: 8 Mar 2018 23:35

Instrument :

BNA_F

ClientSampled :

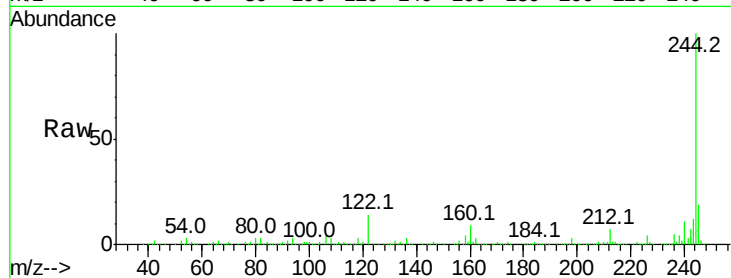
Tot Ion:244 Resp: 723598

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

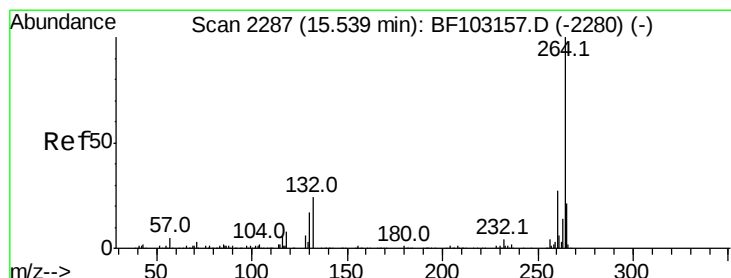
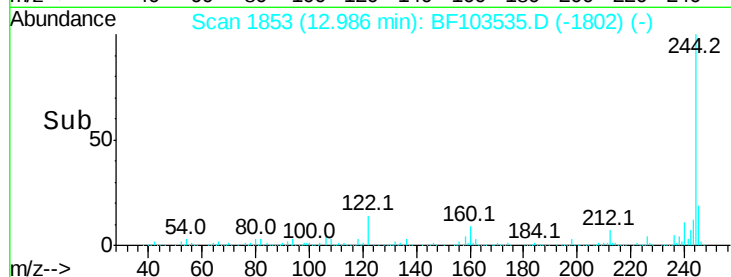
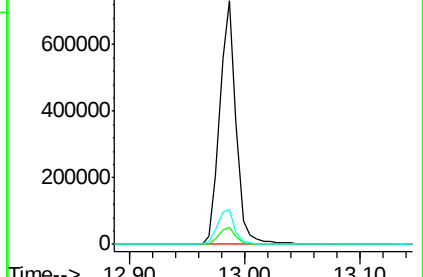
122 14.2 11.0 16.4



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: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103535.D

Acq: 8 Mar 2018 23:35

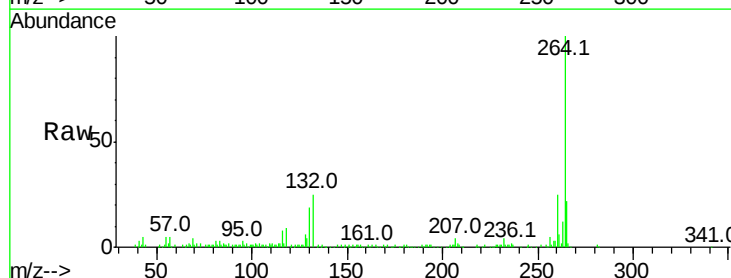
Tgt Ion:264 Resp: 174806

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 21.9 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

