

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103485.D
 Acq On : 7 Mar 2018 4:32
 Operator : SJ/JU
 Sample : J1797-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 06:36:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

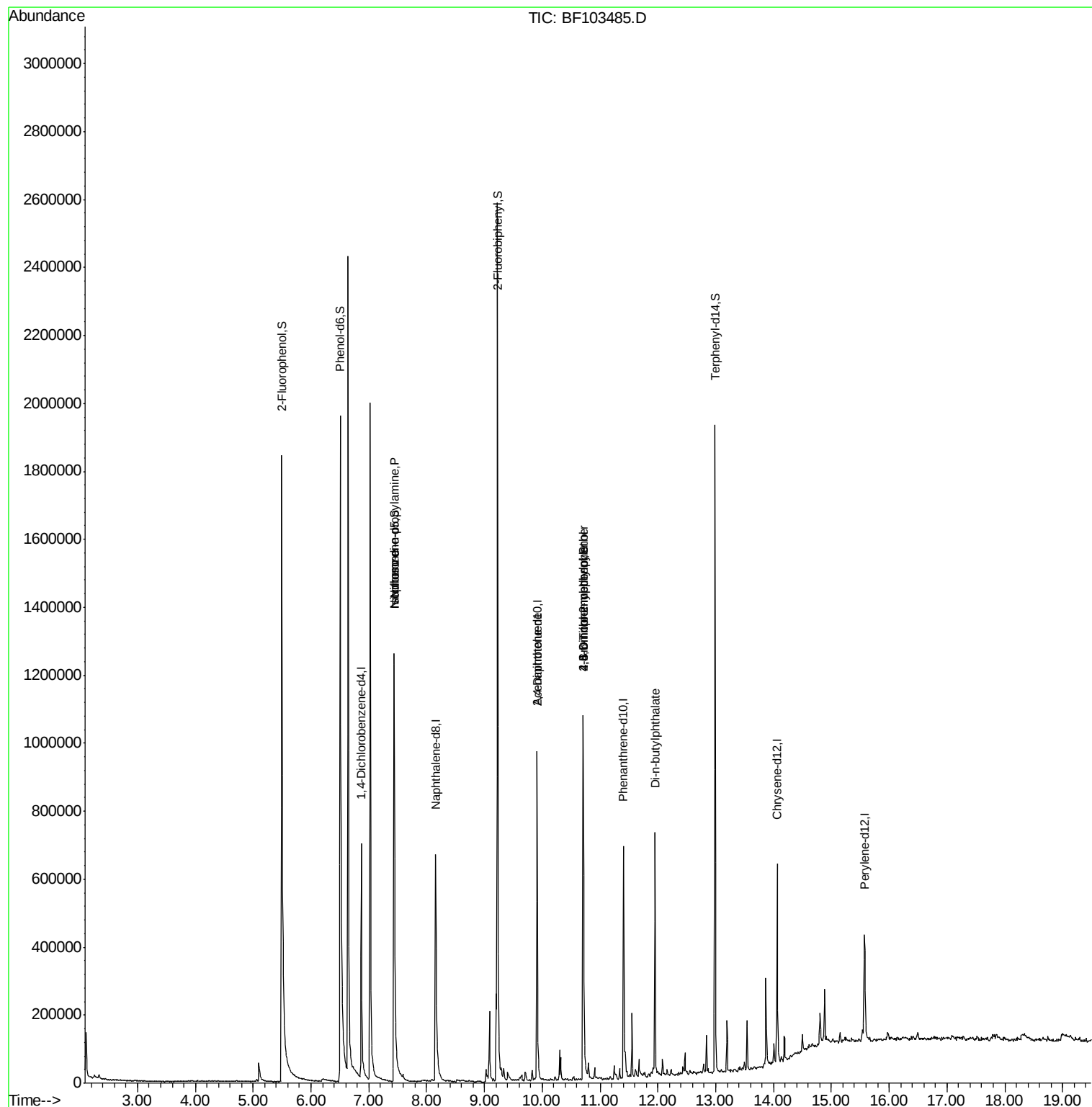
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	124557	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	514284	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	211654	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	305517	20.00	ng	0.00
75) Chrysene-d12	14.06	240	205000	20.00	ng	0.00
86) Perylene-d12	15.57	264	158475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	842795	102.34	ng	0.00
7) Phenol-d6	6.51	99	1046328	103.83	ng	0.00
23) Nitrobenzene-d5	7.44	82	632941	70.28	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	136941	76.44	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	933165	73.53	ng	0.00
78) Terphenyl-d14	12.99	244	677009	79.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	1412	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	84099	13.409 ng	#	1
25) Isophorone	7.44	82	632941	35.686 ng	#	81
56) 2,4-Dinitrotoluene	9.91	165	26027	5.776 ng	#	64
64) 4,6-Dinitro-2-methylphenol	10.70	198	192	5.038 ng	#	23
66) 4-Bromophenyl-phenylether	10.71	248	9665	3.037 ng	#	1
73) Di-n-butylphthalate	11.95	149	332682	15.485 ng		98

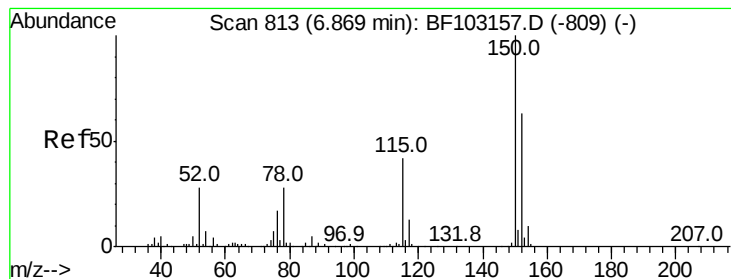
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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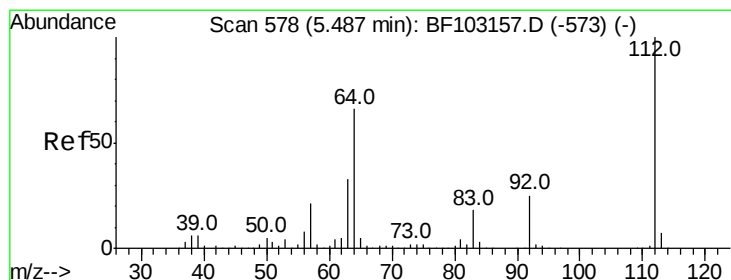
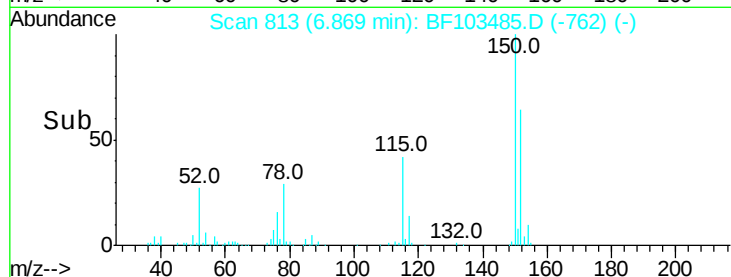
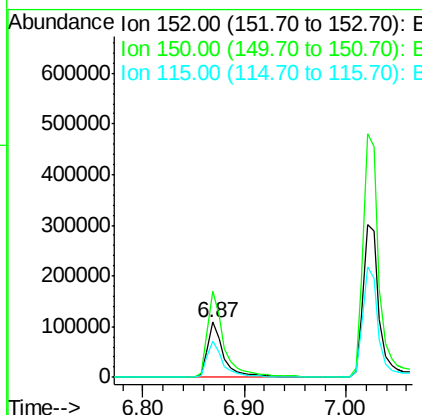
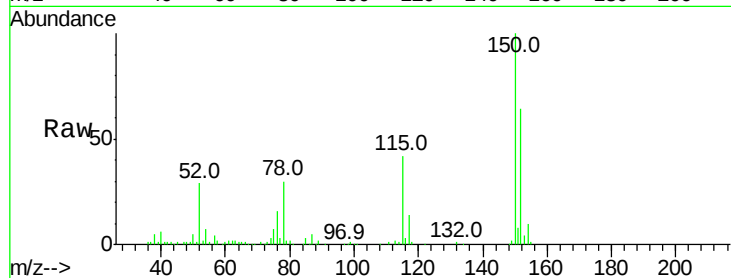


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103485.D
Acq: 7 Mar 2018 4:32

Instrument :
BNA_F
ClientSampleId :

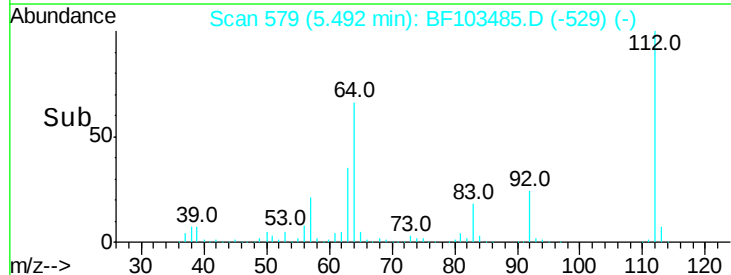
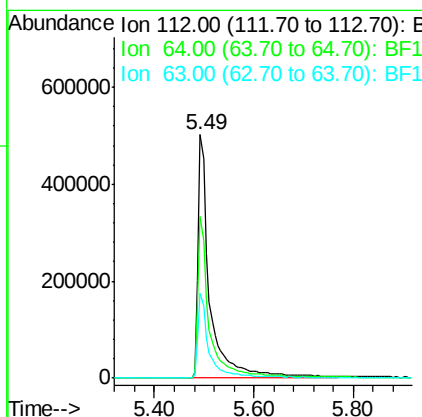
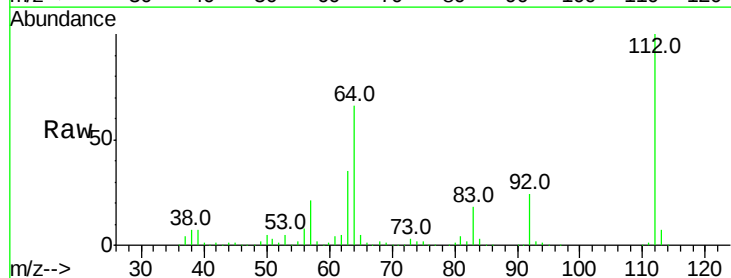
Tot Ion:152 Resp: 124557
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 65.7 50.1 75.1

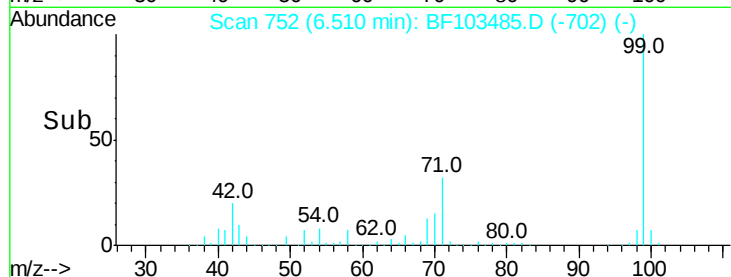
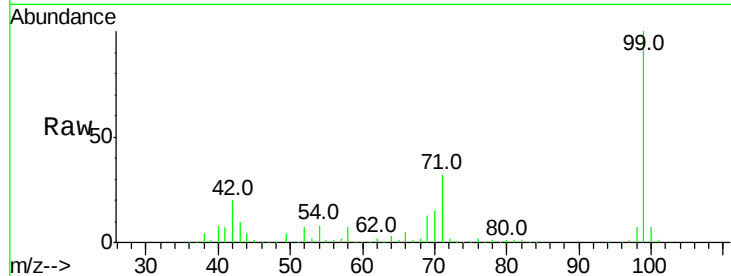
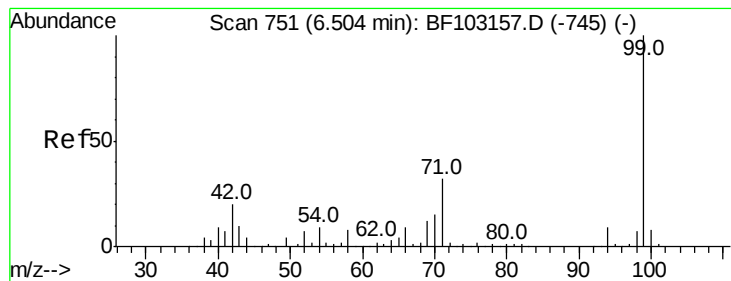


#5

2-Fluorophenol
Concen: 102.336 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF103485.D
Acq: 7 Mar 2018 4:32

Tgt Ion:112 Resp: 842795
Ion Ratio Lower Upper
112 100
64 66.2 47.9 71.9
63 34.9 23.7 35.5





#7

Phenol-d6

Concen: 103.829 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

Instrument :

BNA_F

ClientSampleId :

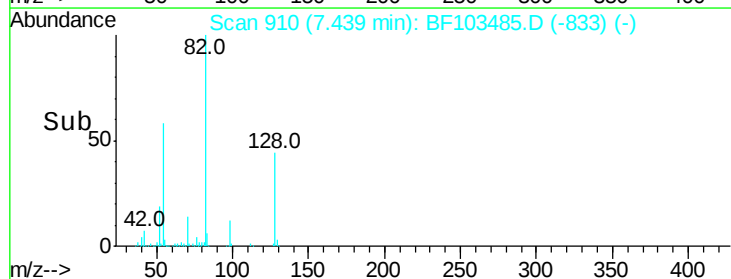
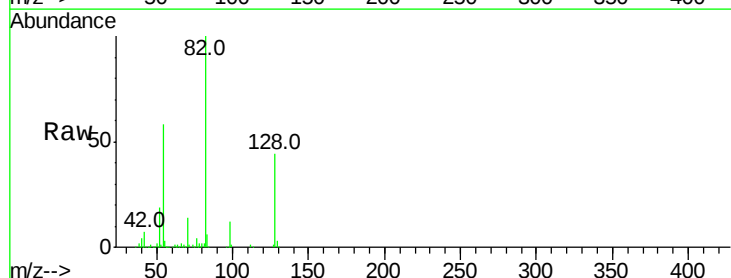
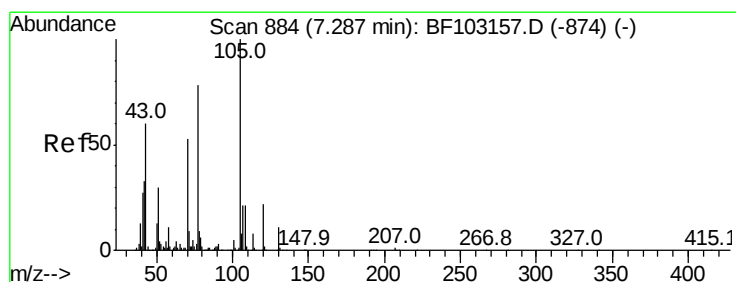
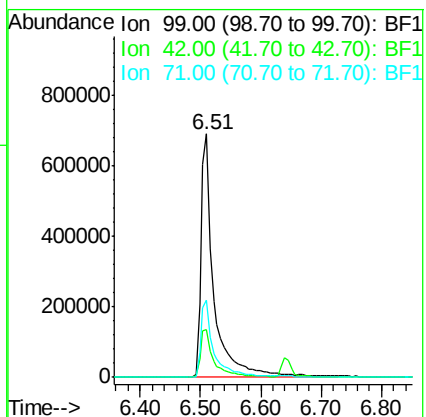
Tot Ion: 99 Resp: 1046328

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.409 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

Tgt Ion: 70 Resp: 84099

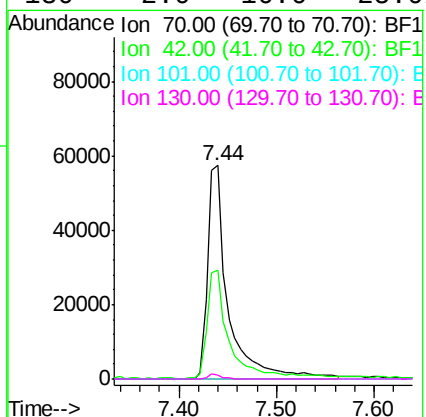
Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

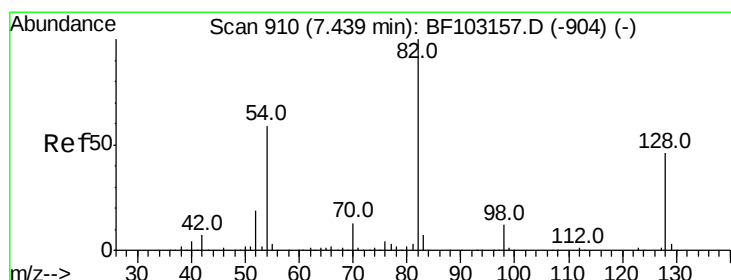
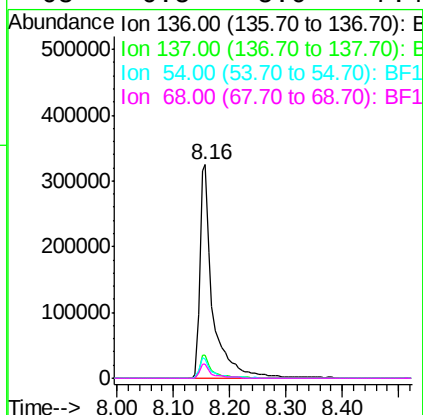
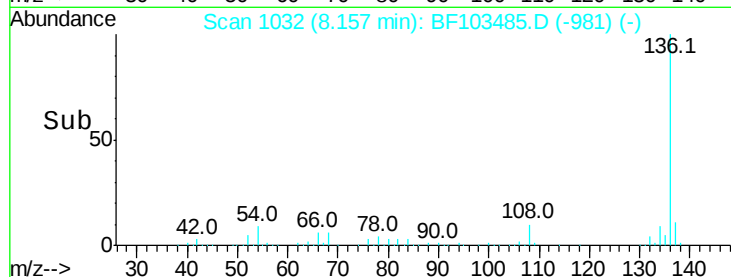
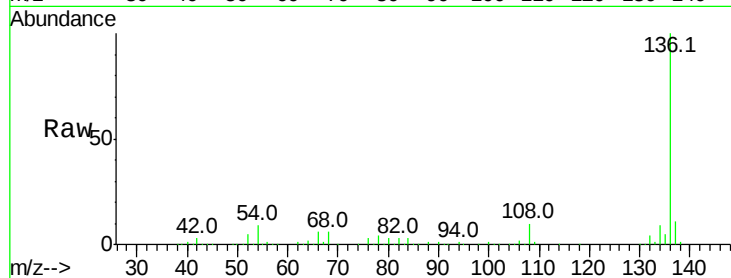




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103485.D
Acq: 7 Mar 2018 4:32

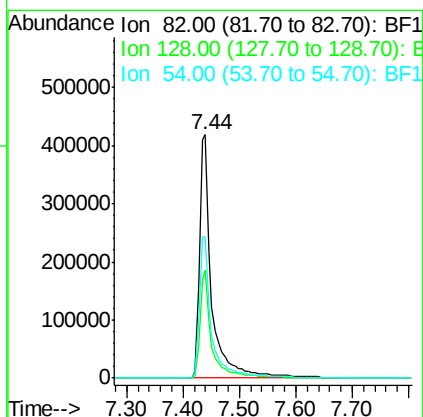
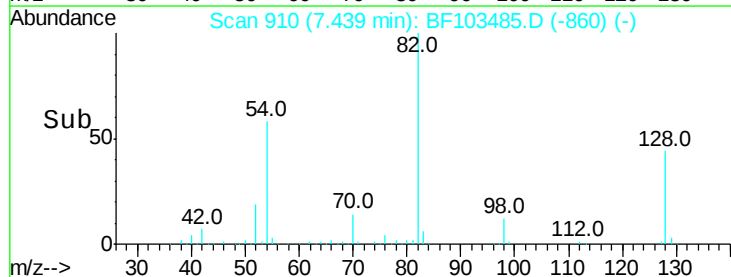
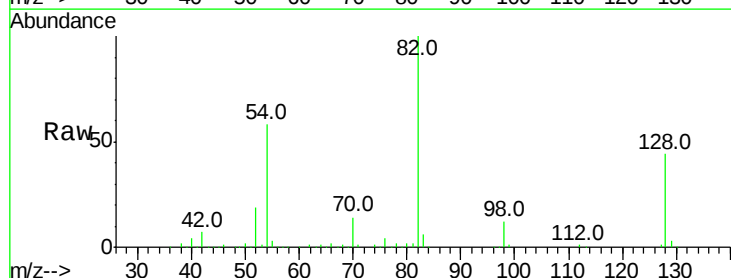
Instrument :
BNA_F
ClientSampleId :

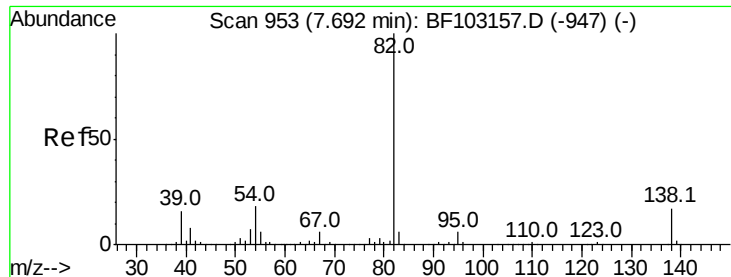
Tot Ion:	136	Resp:	514284
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 70.285 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103485.D
Acq: 7 Mar 2018 4:32

Tgt Ion:	82	Resp:	632941
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	58.0	41.4	62.2





#25

Isophorone

Concen: 35.686 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

Instrument :

BNA_F

ClientSampleId :

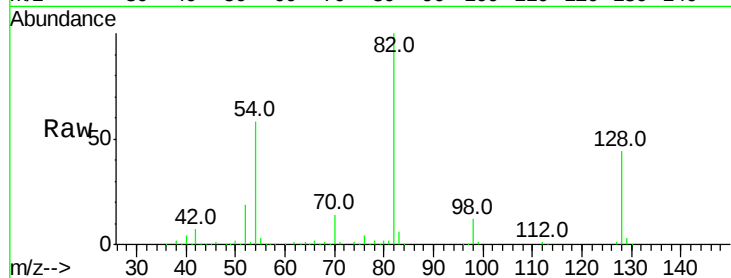
Tot Ion: 82 Resp: 632941

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

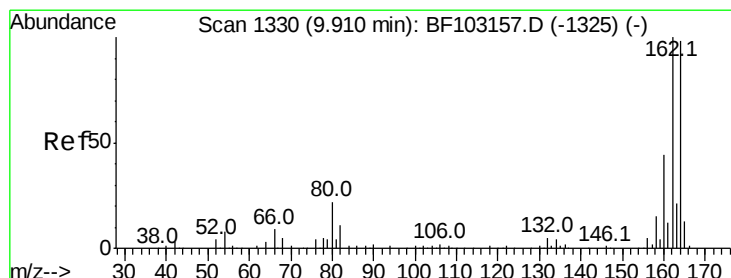
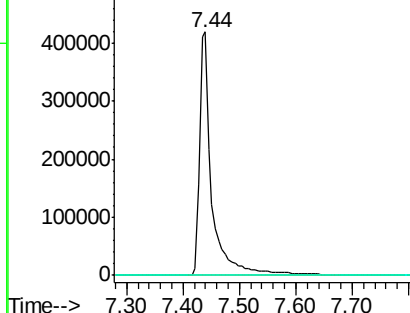
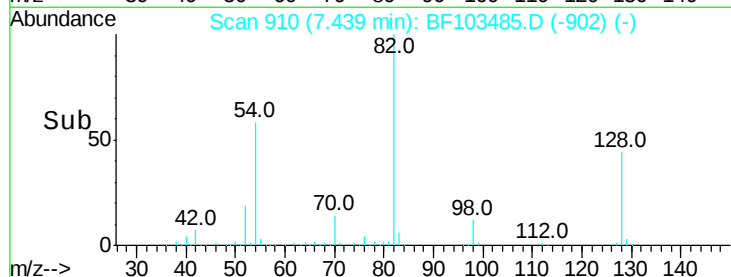
138 0.0 14.9 22.3#



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

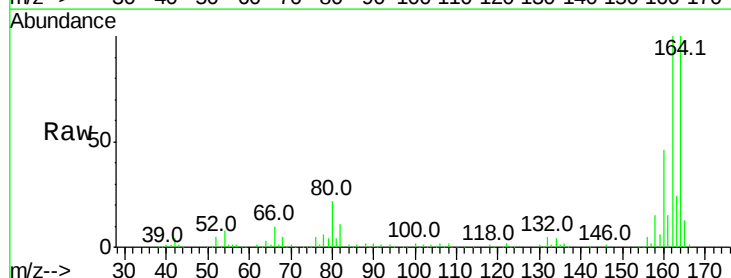
Tgt Ion: 164 Resp: 211654

Ion Ratio Lower Upper

164 100

162 100.4 86.1 129.1

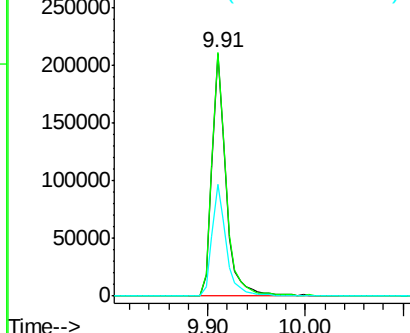
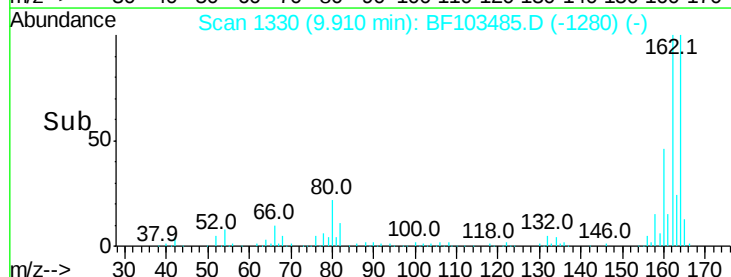
160 46.3 38.3 57.5

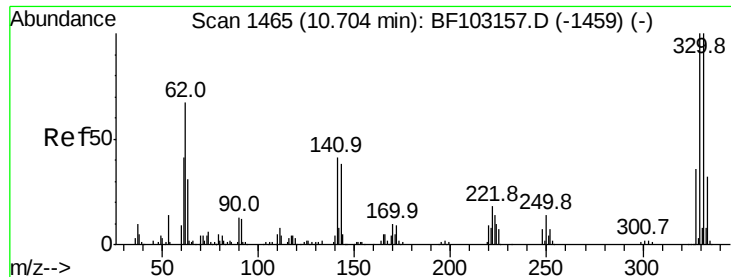


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

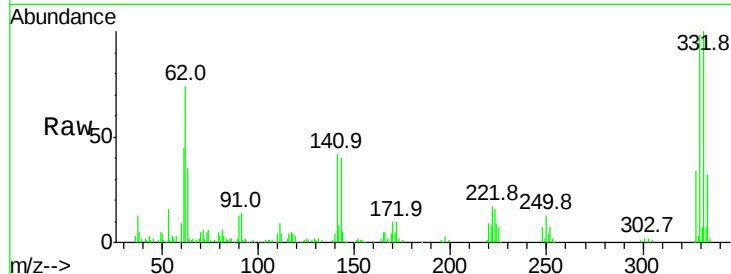




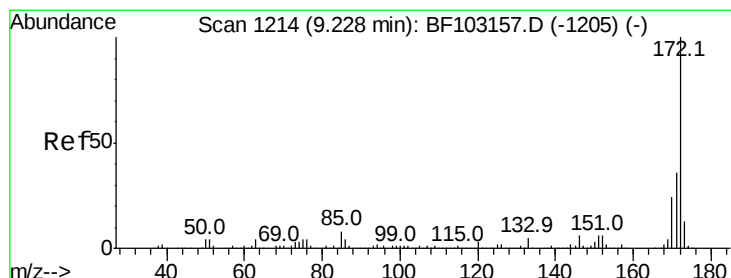
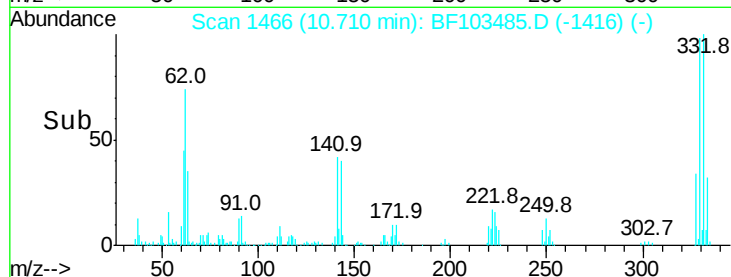
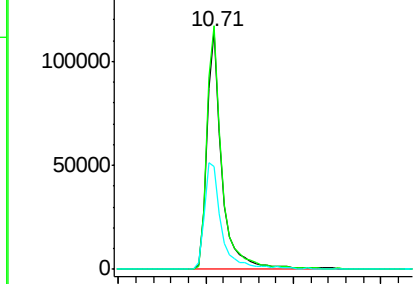
#41
 2,4,6-Tribromophenol
 Concen: 76.438 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103485.D
 Acq: 7 Mar 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 136941
 Ion Ratio Lower Upper
 330 100
 332 102.8 77.0 115.6
 141 51.3 29.9 44.9#

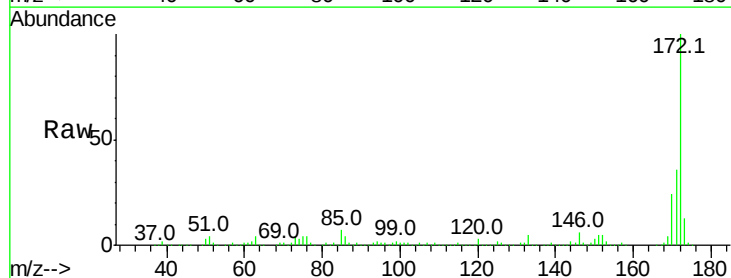


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

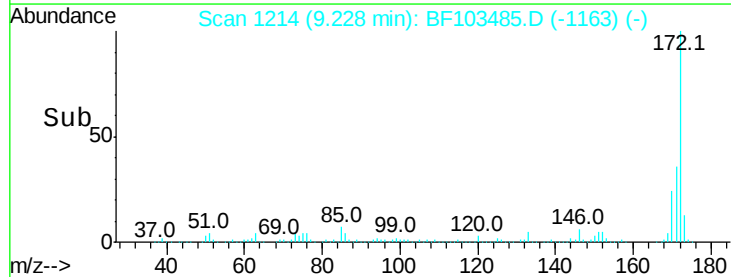
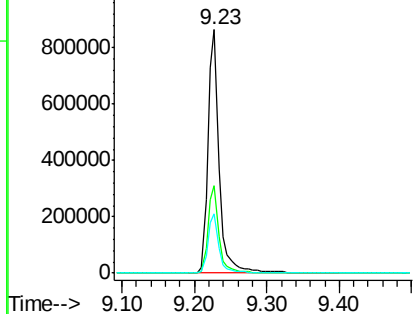


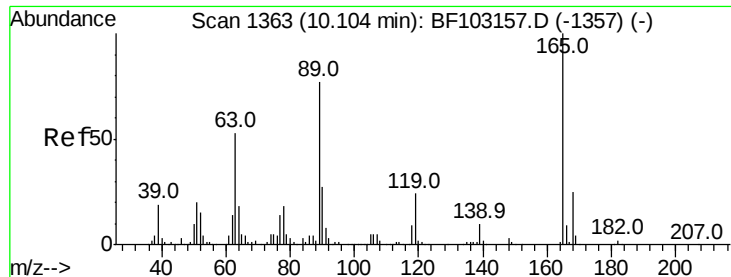
#44
 2-Fluorobiphenyl
 Concen: 73.528 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103485.D
 Acq: 7 Mar 2018 4:32

Tgt Ion:172 Resp: 933165
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 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

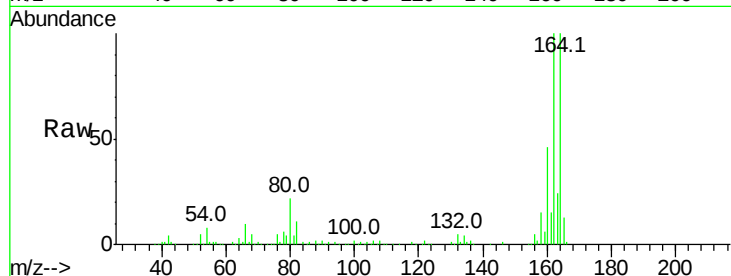




#56
 2,4-Dinitrotoluene
 Concen: 5.776 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF103485.D
 Acq: 7 Mar 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

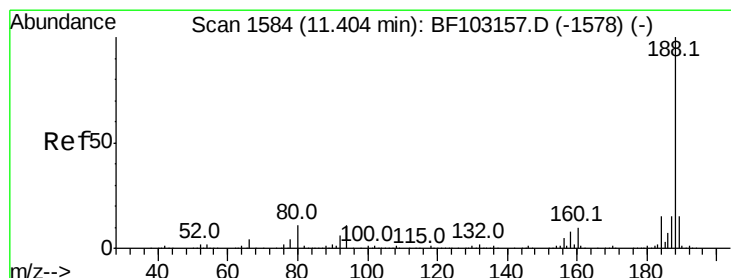
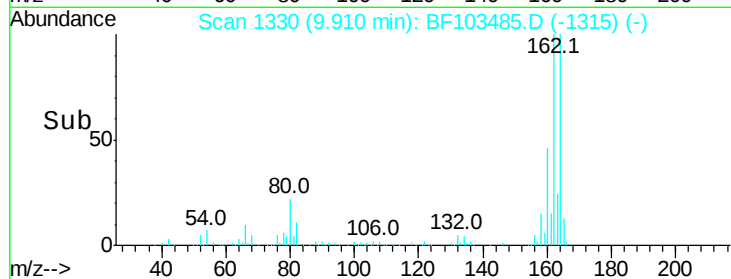
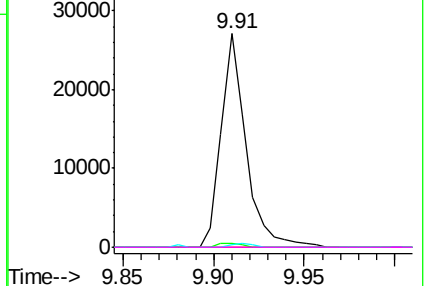


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

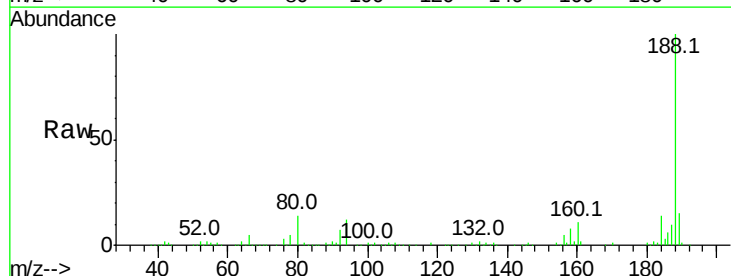
Ion 89.00 (88.70 to 89.70): BF1

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. -0.01 min
 Lab File: BF103485.D
 Acq: 7 Mar 2018 4:32

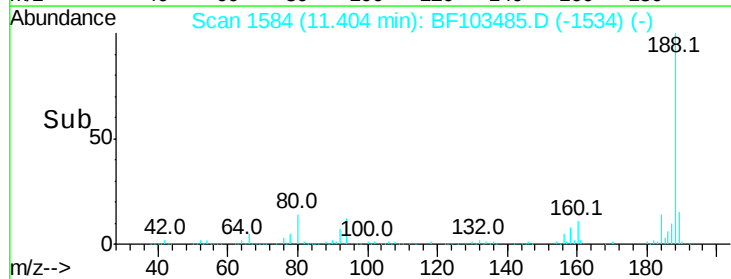
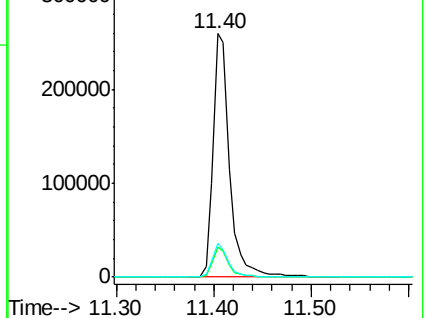
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.5	12.7
80	14.0	9.2	13.8#

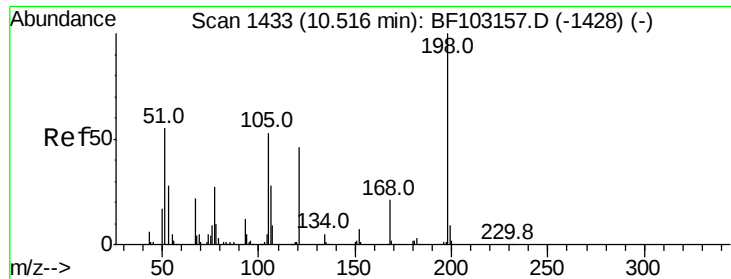


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.038 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.17 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

Instrument :

BNA_F

ClientSampled :

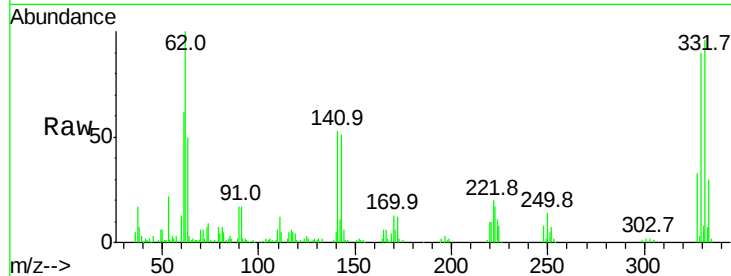
Tot Ion:198 Resp: 192

Ion Ratio Lower Upper

198 100

51 205.5 37.7 77.7#

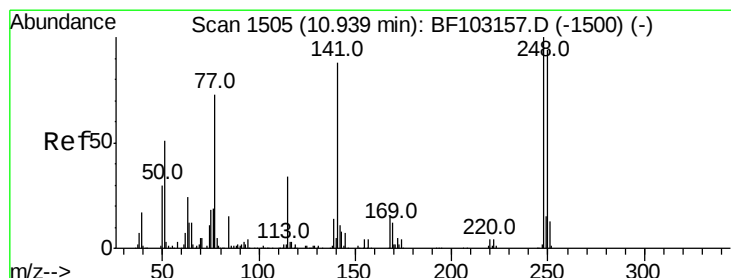
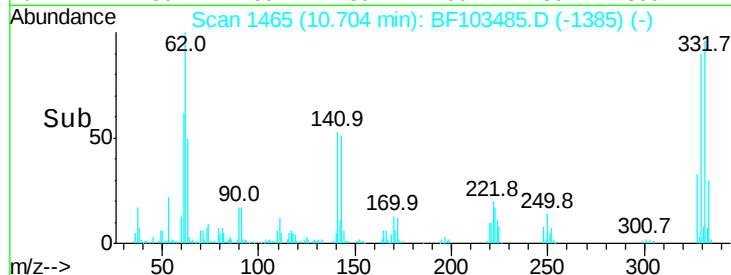
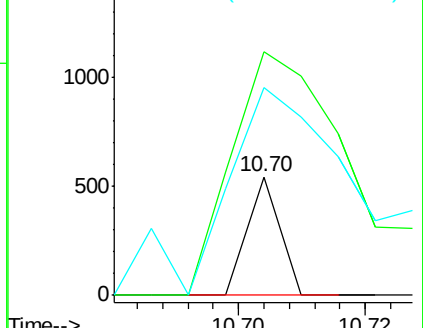
105 174.8 36.3 76.3#



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: 3.037 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.24 min

Lab File: BF103485.D

Acq: 7 Mar 2018 4:32

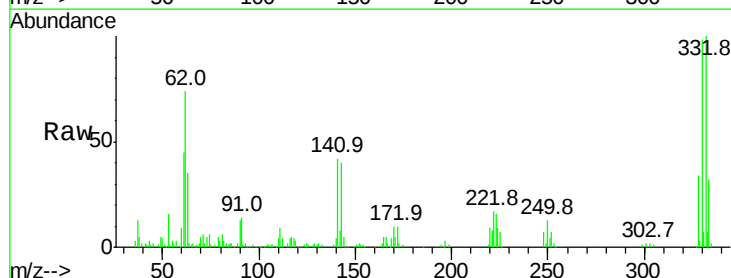
Tgt Ion:248 Resp: 9665

Ion Ratio Lower Upper

248 100

250 203.6 76.9 115.3#

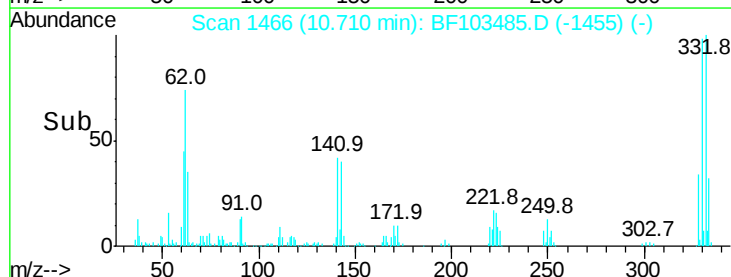
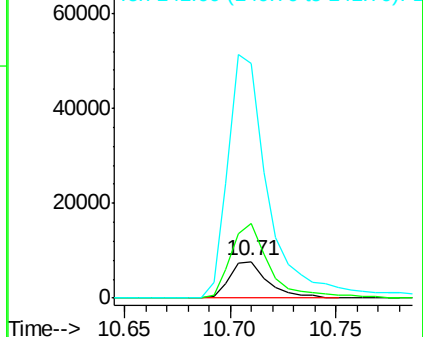
141 637.9 74.4 111.6#

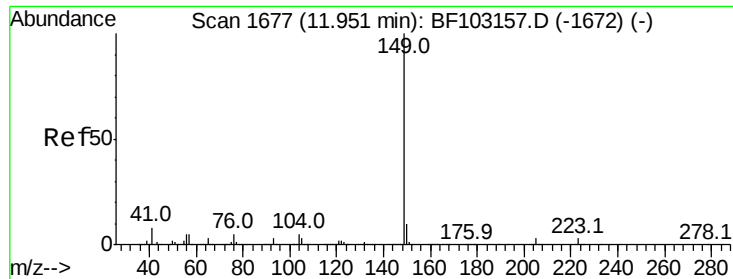


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

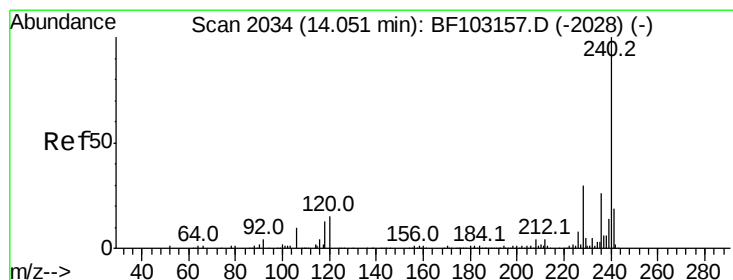
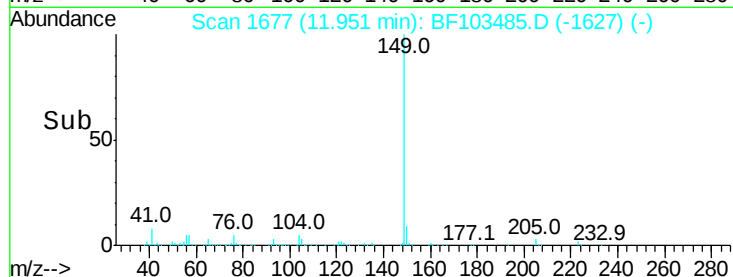
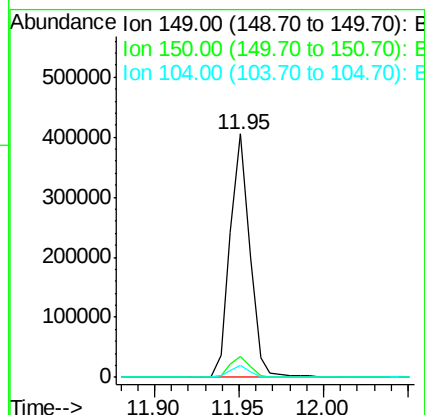
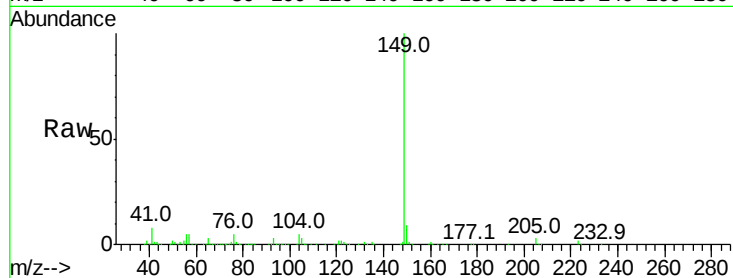




#73
Di-n-butylphthalate
Concen: 15.485 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF103485.D
Acq: 7 Mar 2018 4:32

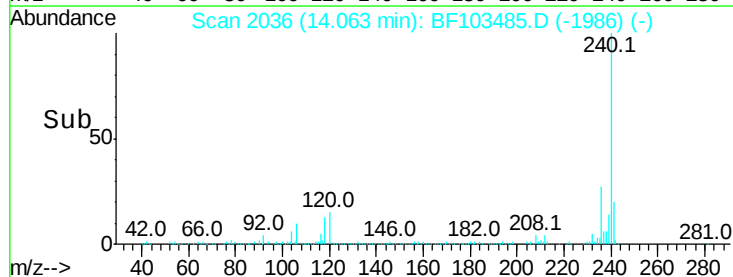
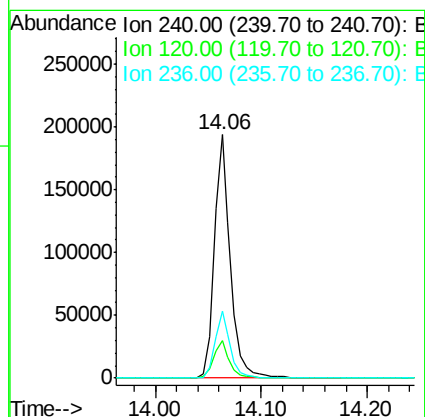
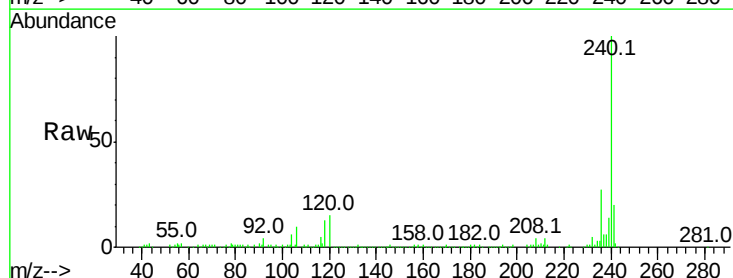
Instrument :
BNA_F
ClientSampleId :

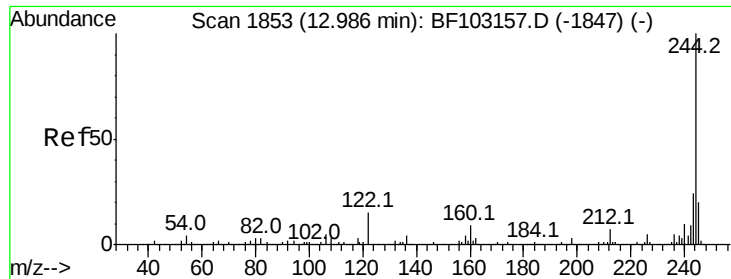
Tot Ion:149 Resp: 332682
Ion Ratio Lower Upper
149 100
150 8.7 7.8 11.6
104 5.0 3.8 5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103485.D
Acq: 7 Mar 2018 4:32

Tgt Ion:240 Resp: 205000
Ion Ratio Lower Upper
240 100
120 15.4 9.5 14.3#
236 27.4 20.7 31.1

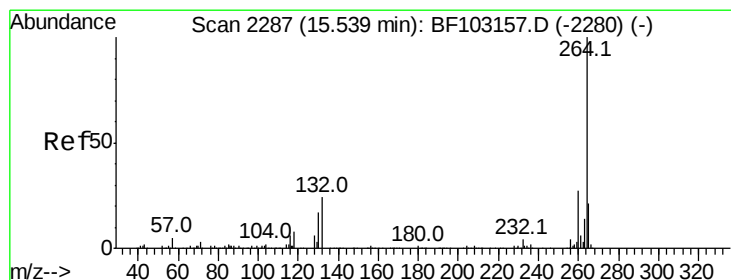
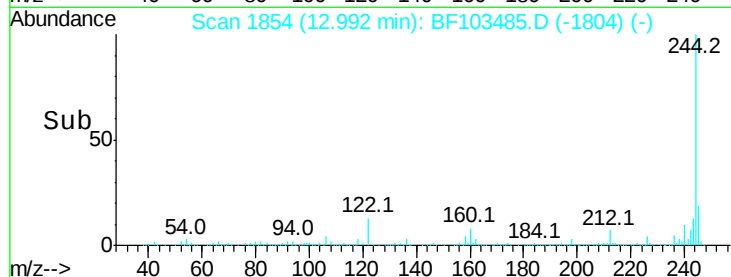
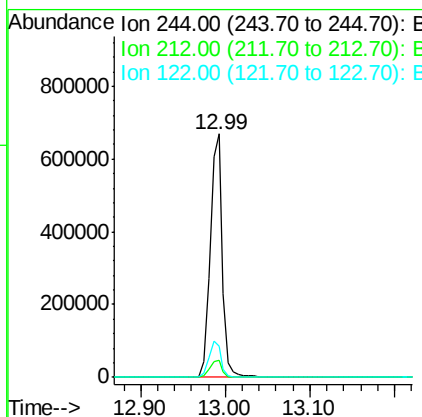
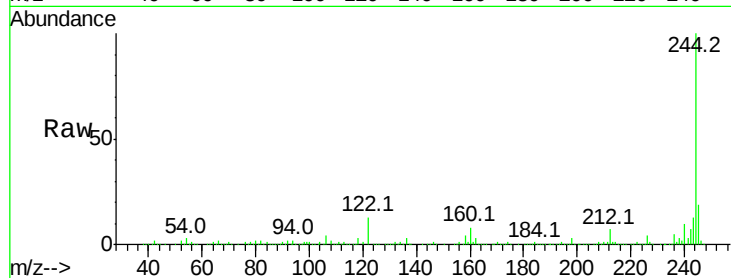




#78
 Terphenyl-d14
 Concen: 79.387 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103485.D
 Acq: 7 Mar 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 677009
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF103485.D
 Acq: 7 Mar 2018 4:32

Tgt Ion:264 Resp: 158475
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 17.5 26.3

