

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103498.D
 Acq On : 7 Mar 2018 14:02
 Operator : SJ/JU
 Sample : J1699-09RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 14:40:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

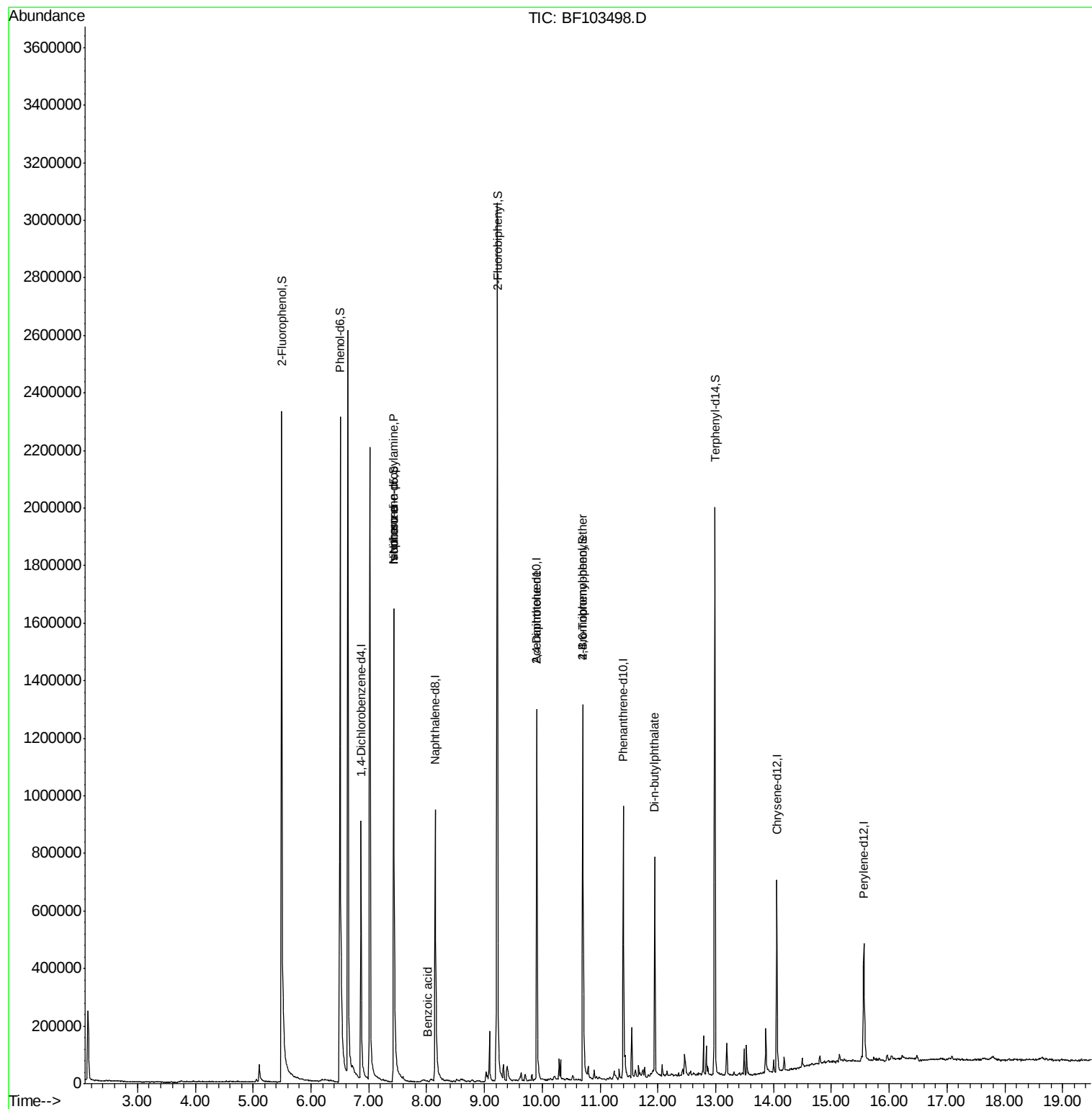
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	154382	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	661597	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	283173	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	417178	20.00	ng	0.00
75) Chrysene-d12	14.06	240	238843	20.00	ng	0.00
86) Perylene-d12	15.56	264	217401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	905597	88.72	ng	0.00
7) Phenol-d6	6.50	99	1112321	89.05	ng	0.00
23) Nitrobenzene-d5	7.43	82	719509	62.11	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	175404	73.18	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1039555	58.61	ng	0.00
78) Terphenyl-d14	12.99	244	679713	68.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	94151	12.112	ng	# 82
25) Isophorone	7.43	82	719509	31.534	ng	# 64
32) Benzoic acid	8.01	122	255	6.946	ng	# 37
56) 2,4-Dinitrotoluene	9.90	165	36248	6.012	ng	# 24
66) 4-Bromophenyl-phenylether	10.70	248	11743	2.702	ng	# 1
73) Di-n-butylphthalate	11.94	149	383747	13.081	ng	99

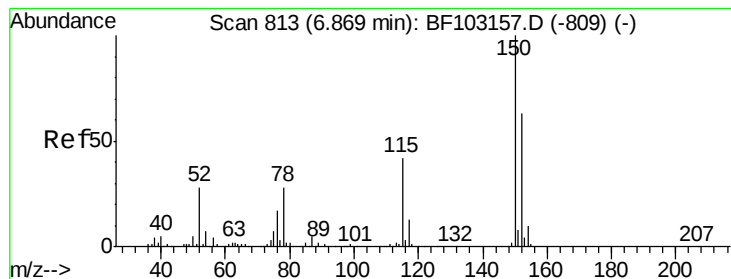
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF103498.D
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Sample : J1699-09RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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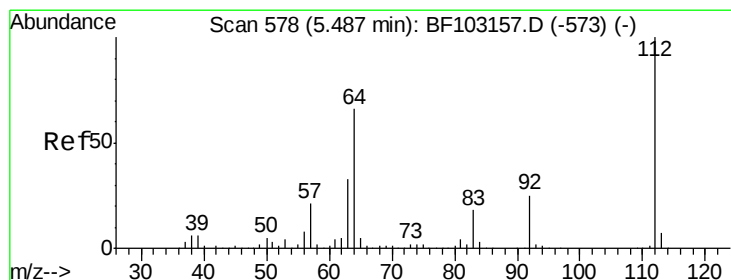
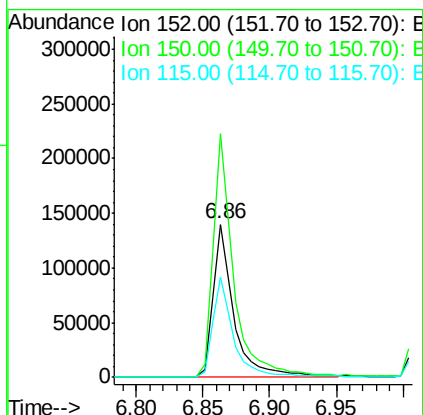
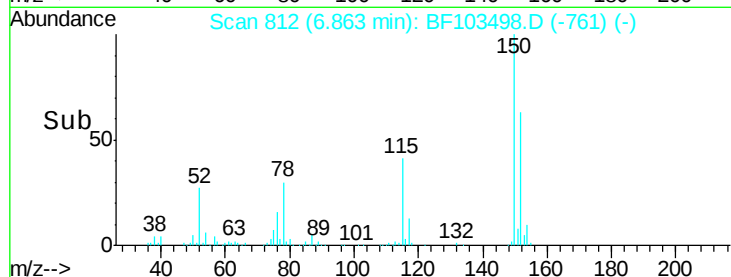
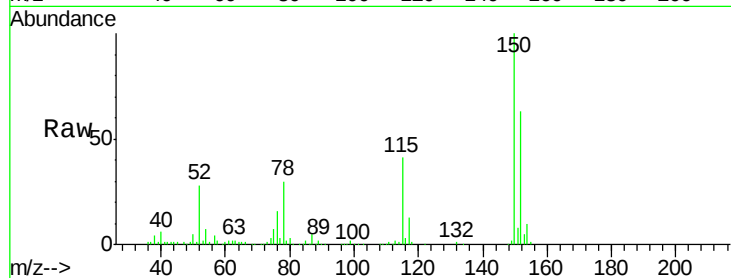


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103498.D
Acq: 7 Mar 2018 14:02

Instrument :
BNA_F
ClientSampleId :

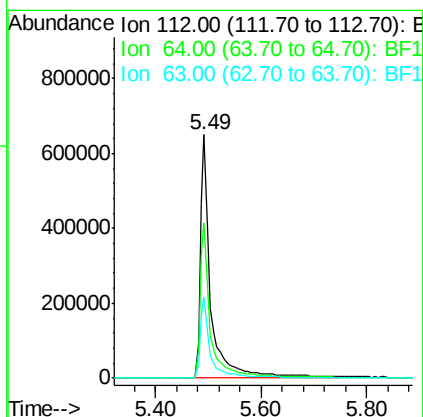
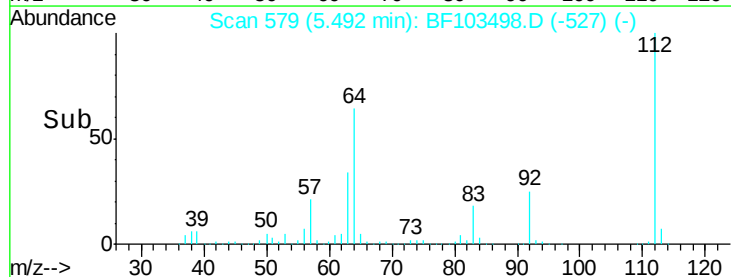
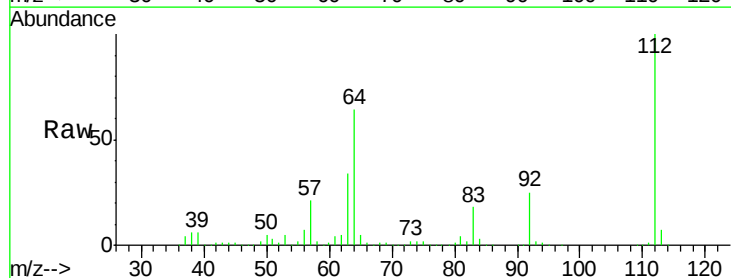
Tot Ion:152 Resp: 154382
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 65.8 50.1 75.1

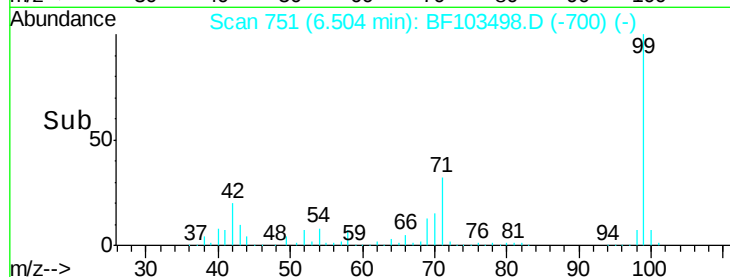
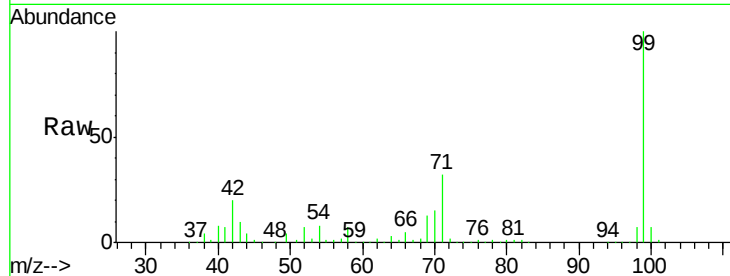
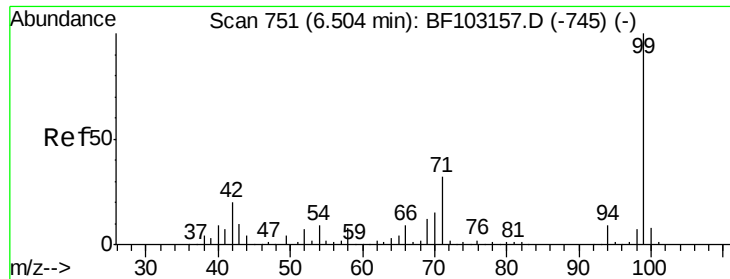


#5

2-Fluorophenol
Concen: 88.718 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103498.D
Acq: 7 Mar 2018 14:02

Tgt Ion:112 Resp: 905597
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 33.5 23.7 35.5





#7

Phenol-d6

Concen: 89.054 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103498.D

Acq: 7 Mar 2018 14:02

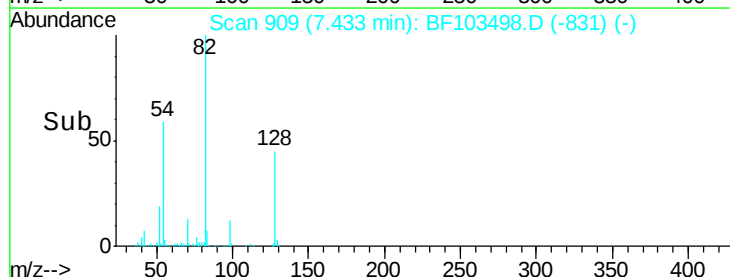
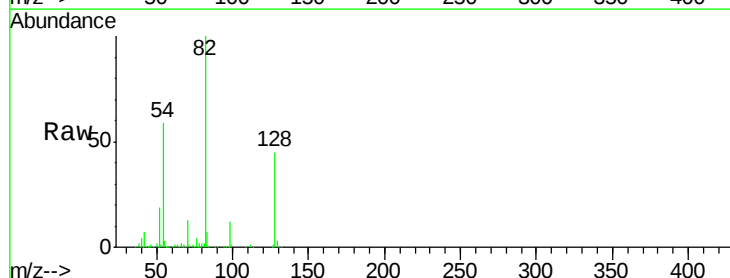
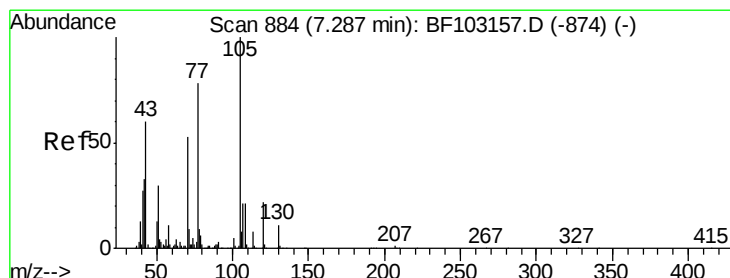
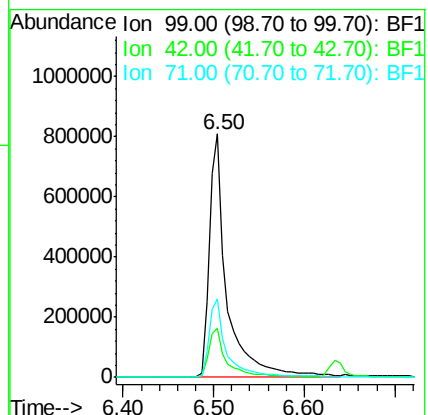
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1112321

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	32.2	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.112 ng

RT: 7.43 min Scan# 909

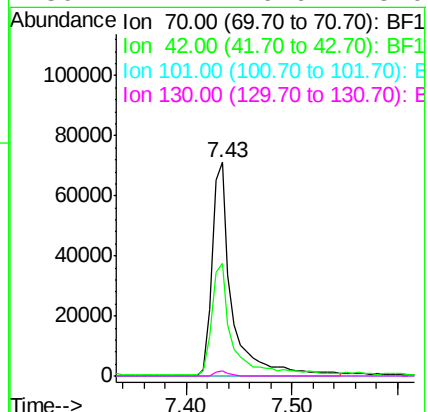
Delta R.T. 0.16 min

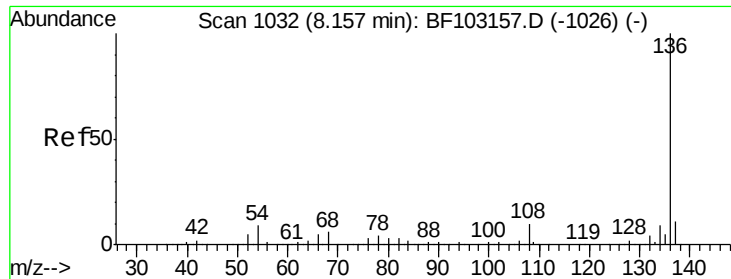
Lab File: BF103498.D

Acq: 7 Mar 2018 14:02

Tgt Ion: 70 Resp: 94151

Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

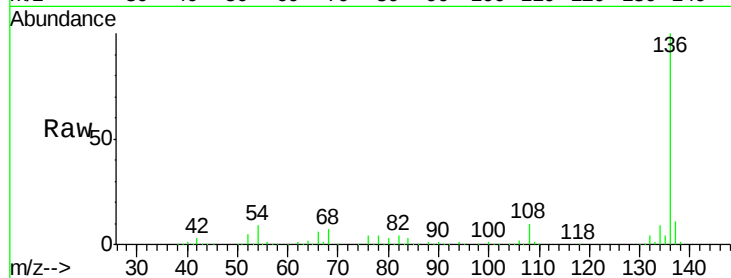




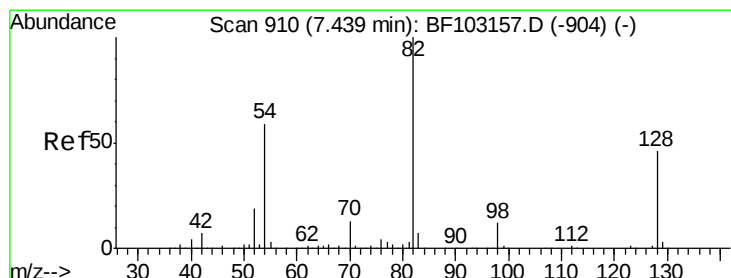
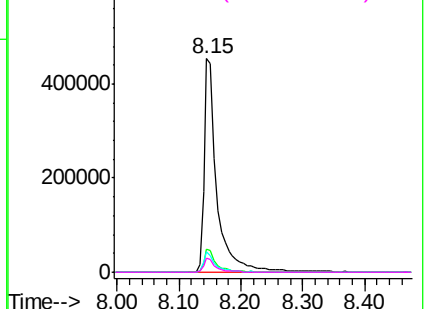
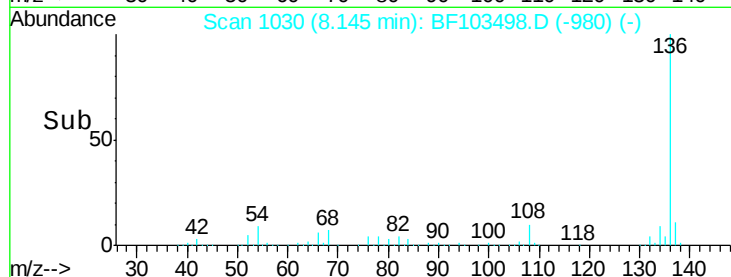
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF103498.D
Acq: 7 Mar 2018 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	661597
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.5	6.6 9.8
68	6.8	5.0 7.4

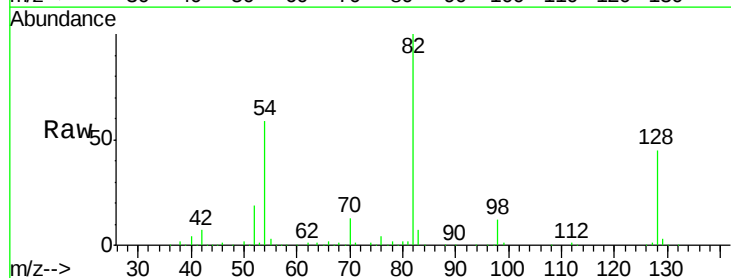


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

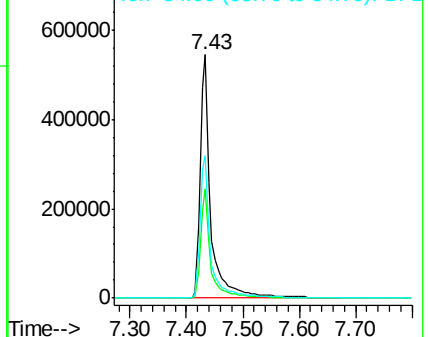
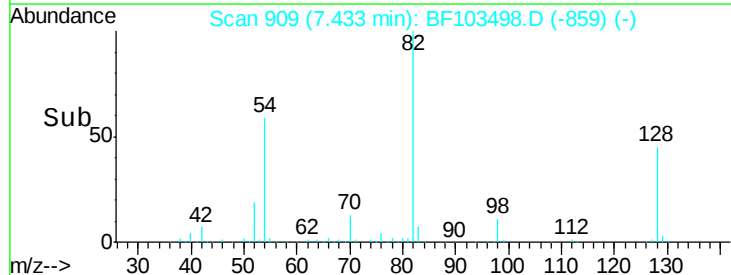


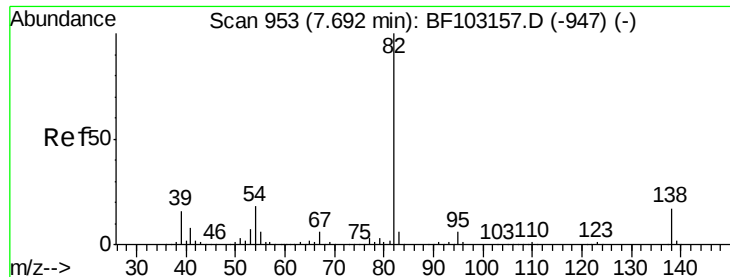
#23
Nitrobenzene-d5
Concen: 62.107 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103498.D
Acq: 7 Mar 2018 14:02

Tgt Ion: 82	Resp:	719509
Ion Ratio	Lower	Upper
82	100	
128	45.0	36.1 54.1
54	58.8	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: 31.534 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103498.D

Acq: 7 Mar 2018 14:02

Instrument :

BNA_F

ClientSampleId :

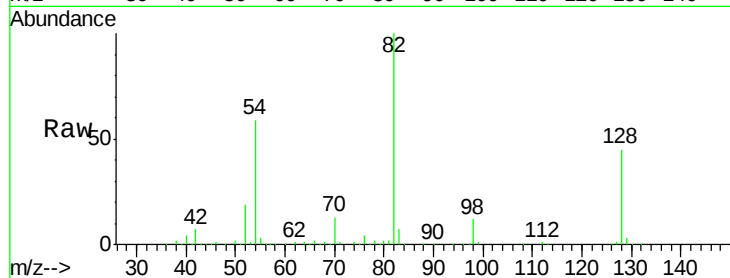
Tot Ion: 82 Resp: 719509

Ion Ratio Lower Upper

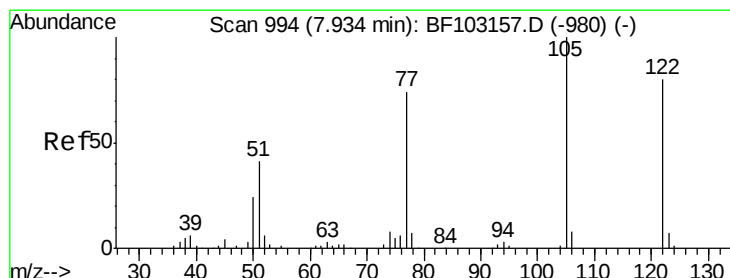
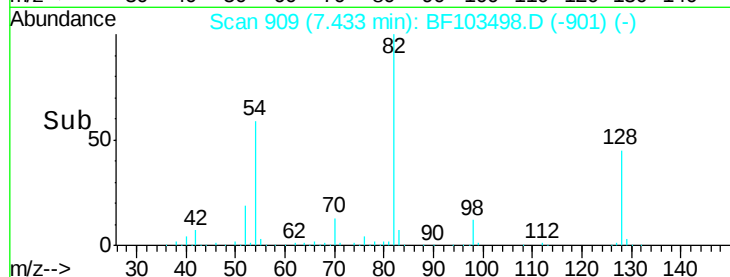
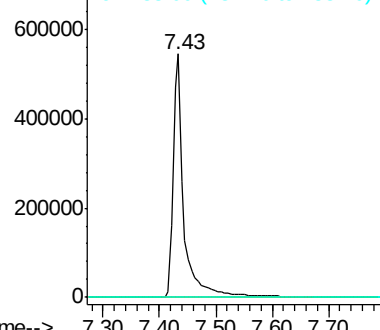
82 100

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



#32

Benzoic acid

Concen: 6.946 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.05 min

Lab File: BF103498.D

Acq: 7 Mar 2018 14:02

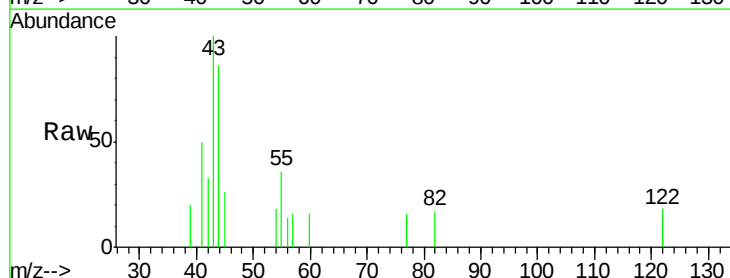
Tgt Ion: 122 Resp: 255

Ion Ratio Lower Upper

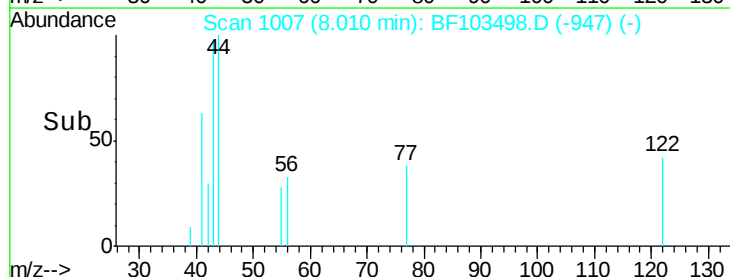
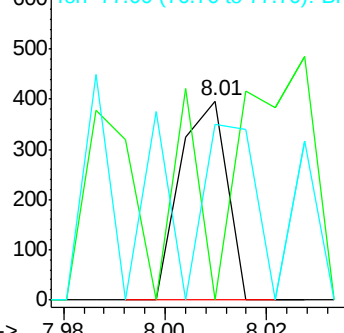
122 100

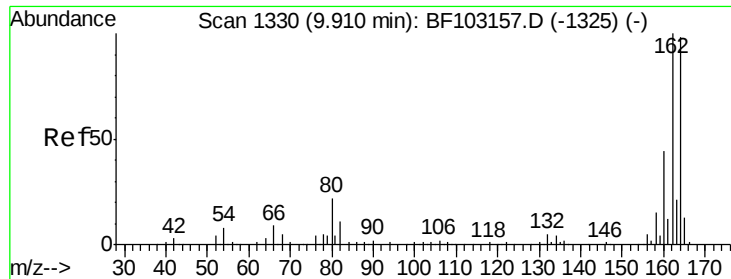
105 0.0 101.1 141.1#

77 88.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103498.D

Acq: 7 Mar 2018 14:02

Instrument :

BNA_F

ClientSampleId :

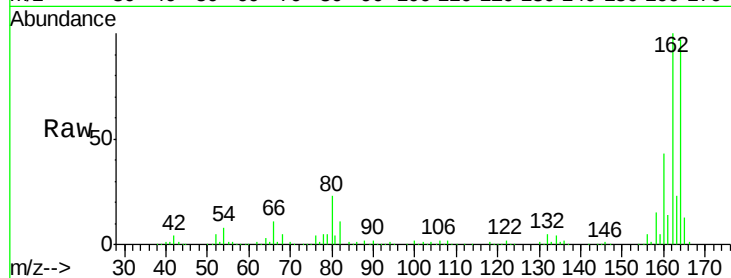
Tot Ion:164 Resp: 283173

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

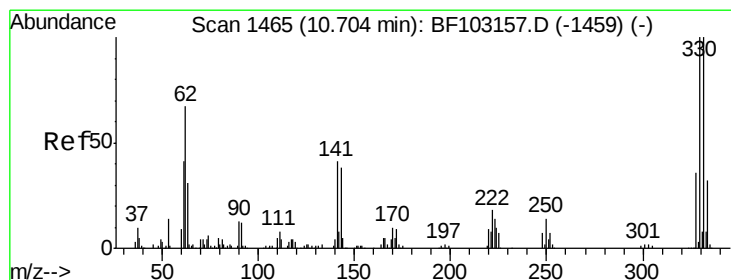
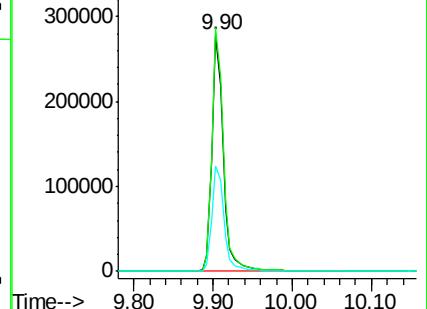
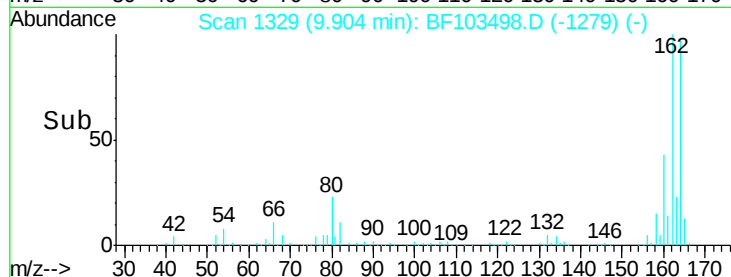
160 44.5 38.3 57.5



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: 73.179 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103498.D

Acq: 7 Mar 2018 14:02

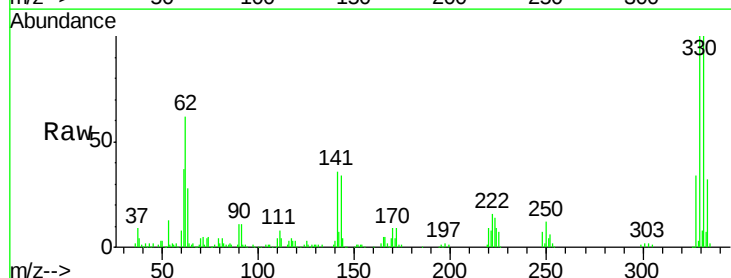
Tgt Ion:330 Resp: 175404

Ion Ratio Lower Upper

330 100

332 101.1 77.0 115.6

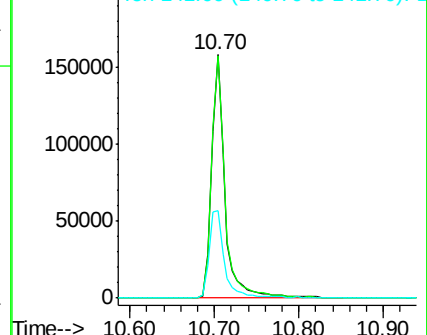
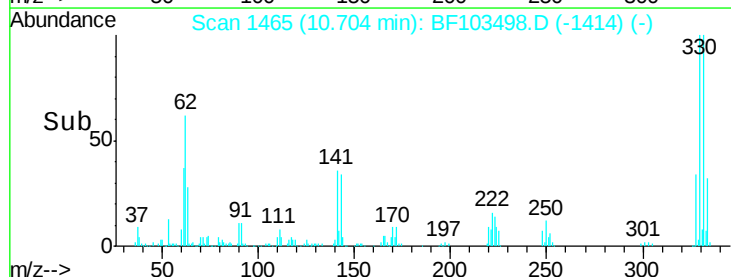
141 41.5 29.9 44.9

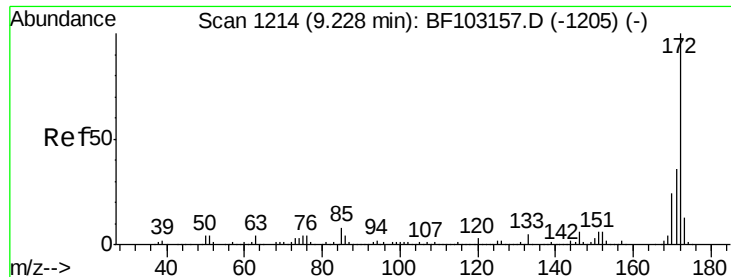


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



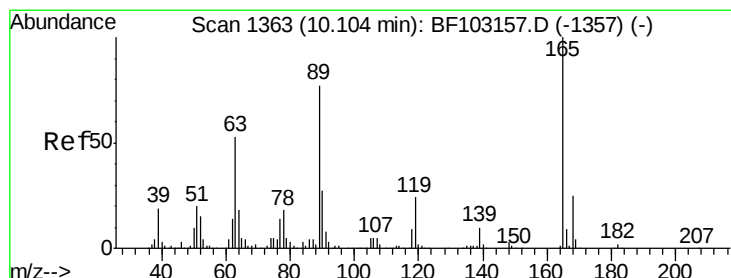
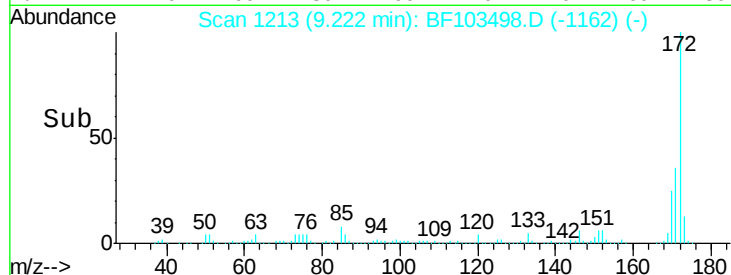
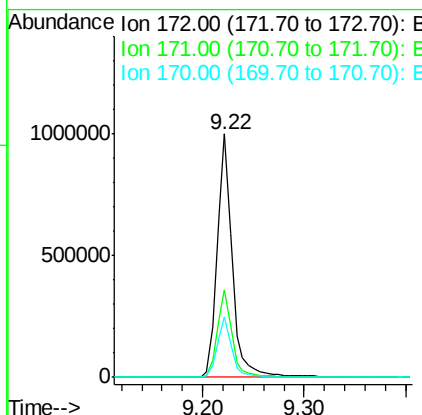
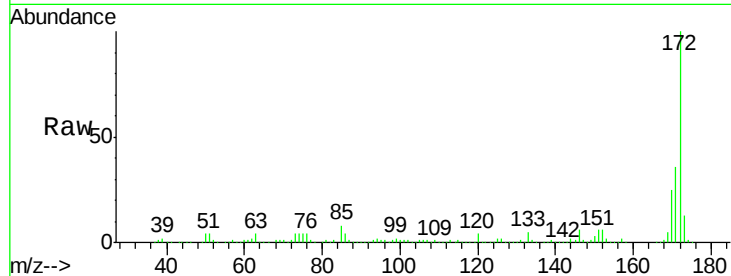


#44
 2-Fluorobiphenyl
 Concen: 58.610 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103498.D
 Acq: 7 Mar 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1039555

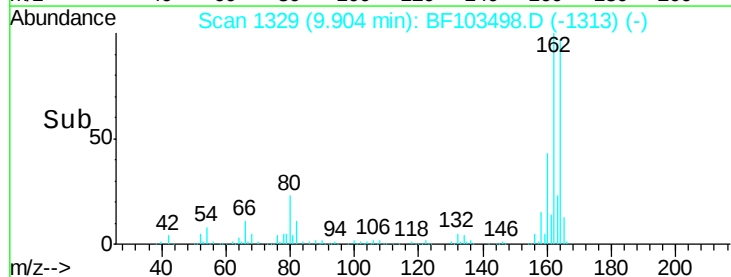
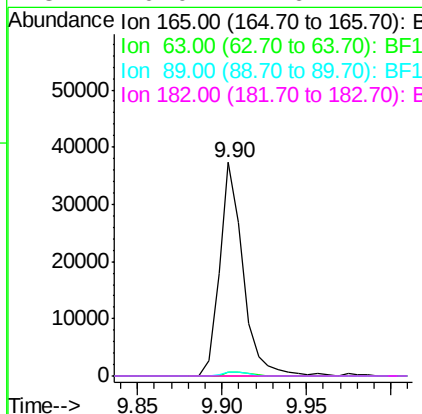
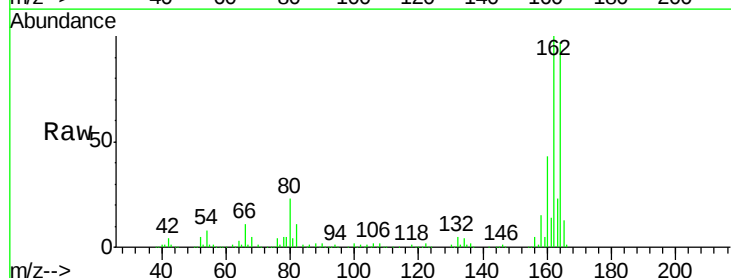
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.7	19.6	29.4

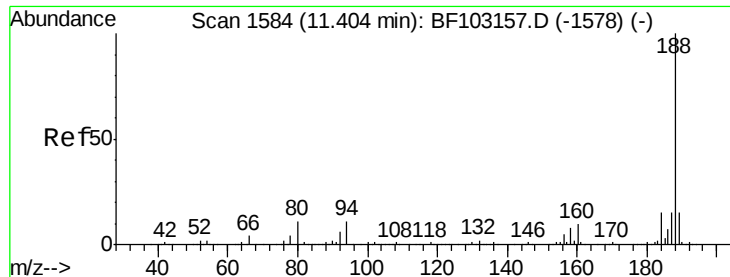


#56
 2,4-Dinitrotoluene
 Concen: 6.012 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103498.D
 Acq: 7 Mar 2018 14:02

Tgt Ion:165 Resp: 36248

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

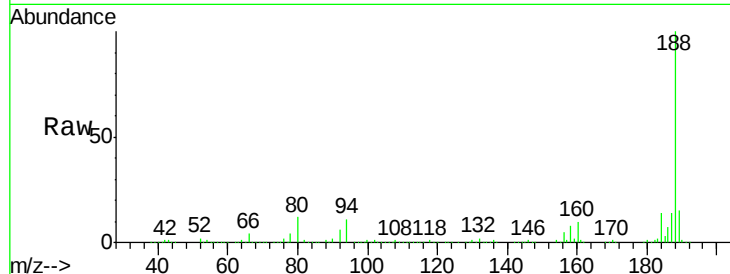




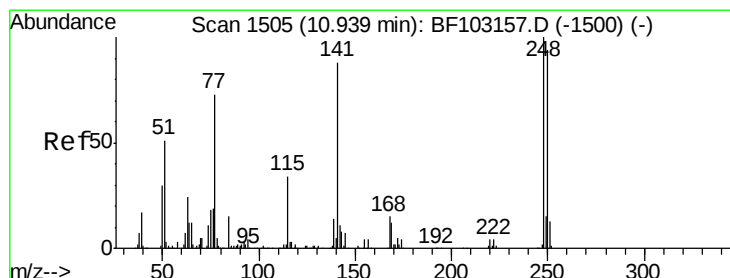
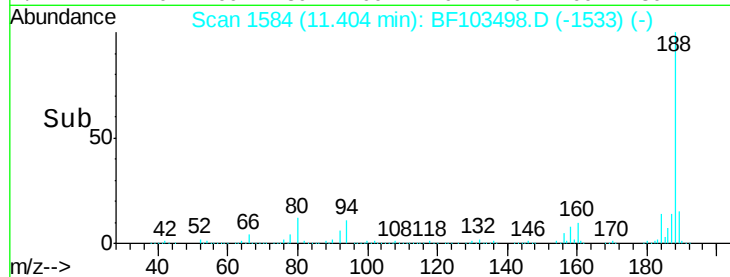
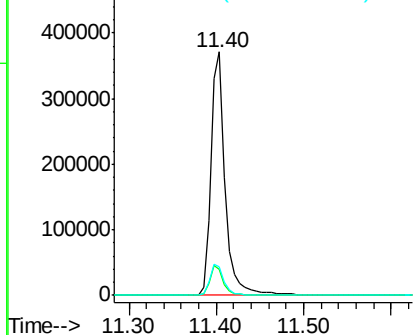
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103498.D
Acq: 7 Mar 2018 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 417178
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.9 9.2 13.8

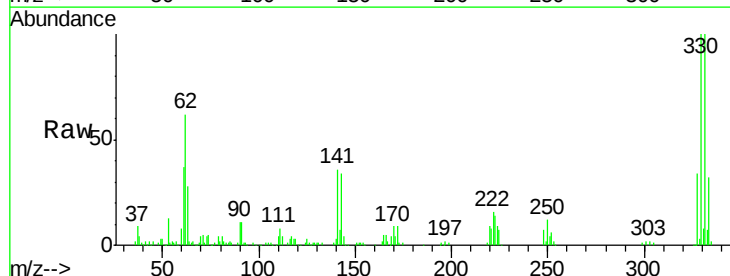


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

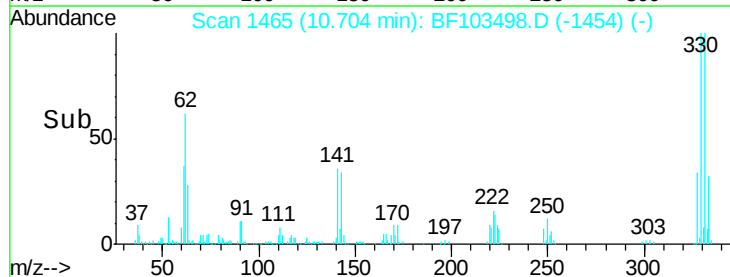
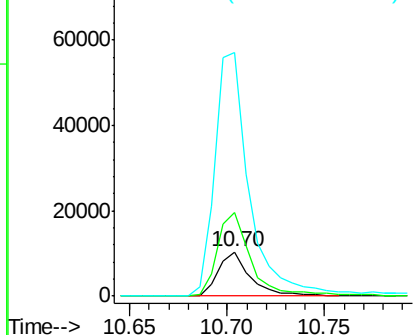


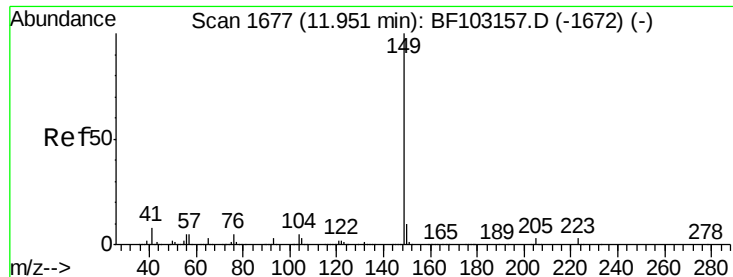
#66
4-Bromophenyl-phenylether
Concen: 2.702 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103498.D
Acq: 7 Mar 2018 14:02

Tgt Ion:248 Resp: 11743
Ion Ratio Lower Upper
248 100
250 188.3 76.9 115.3#
141 551.2 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: 13.081 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF103498.D

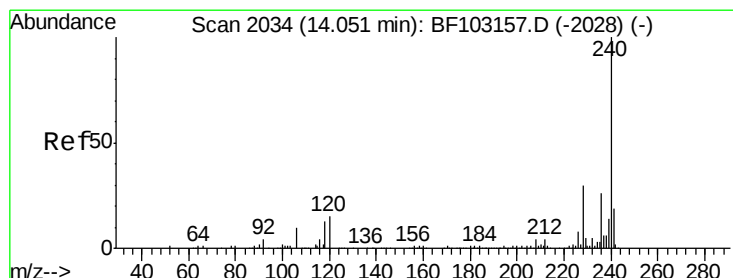
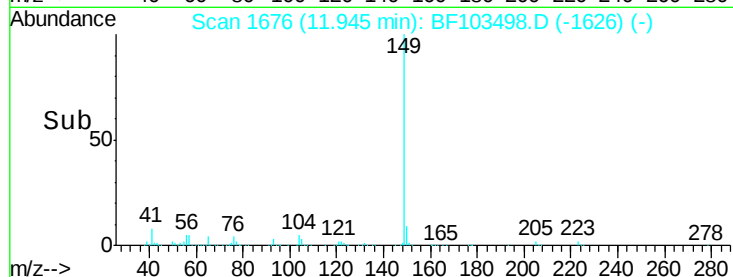
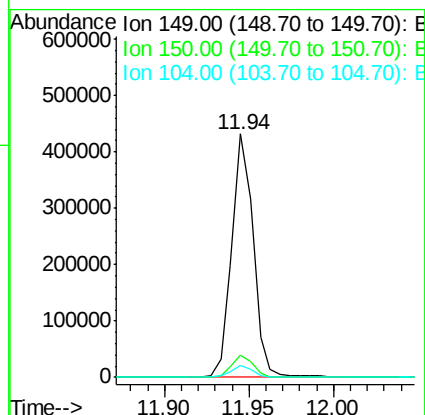
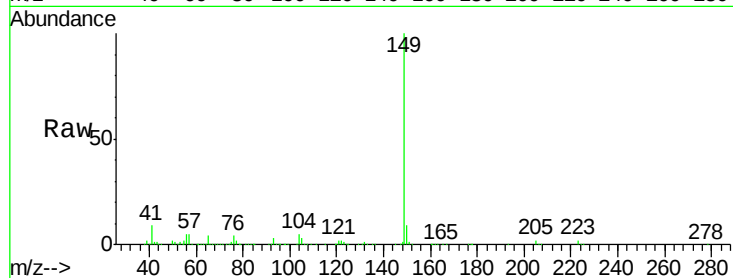
Acq: 7 Mar 2018 14:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp: 383747
Ion Ratio	Lower Upper
149 100	
150 9.0	7.8 11.6
104 4.7	3.8 5.8



#75

Chrysene-d12

Concen: 20.000 ng

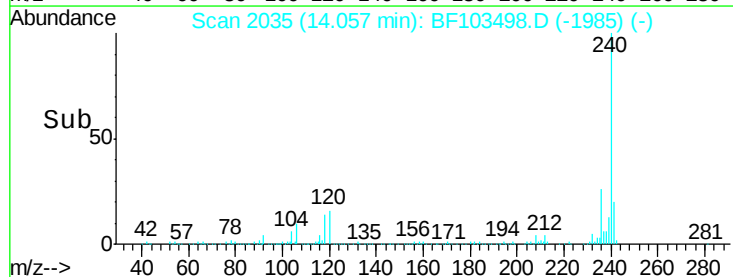
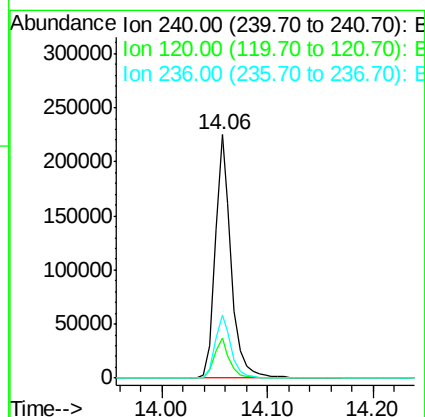
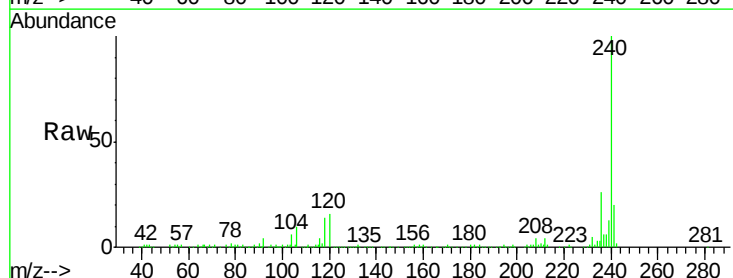
RT: 14.06 min Scan# 2035

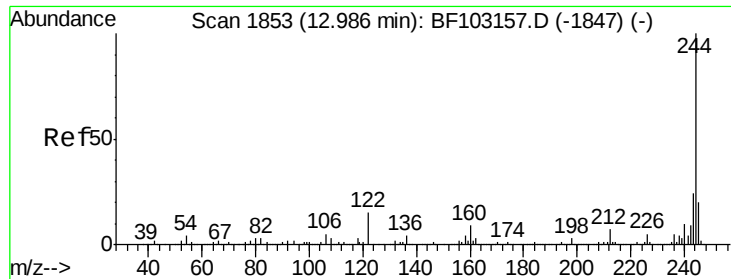
Delta R.T. -0.01 min

Lab File: BF103498.D

Acq: 7 Mar 2018 14:02

Tgt	Ion:240	Resp:	238843
Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	26.1	20.7	31.1





#78

Terphenyl-d14

Concen: 68.411 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103498.D

Acq: 7 Mar 2018 14:02

Instrument :

BNA_F

ClientSampleId :

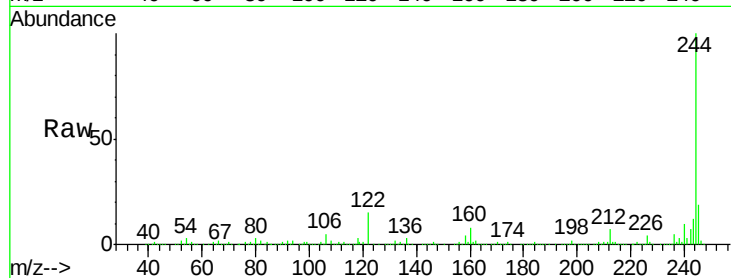
Tot Ion:244 Resp: 679713

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

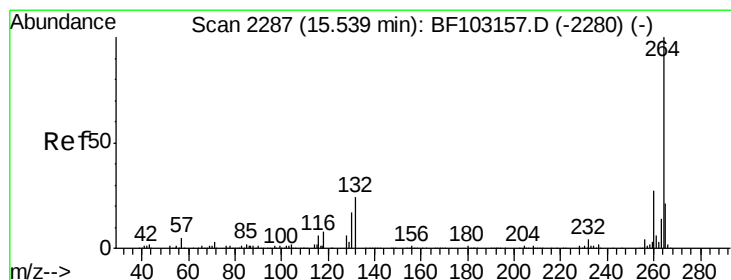
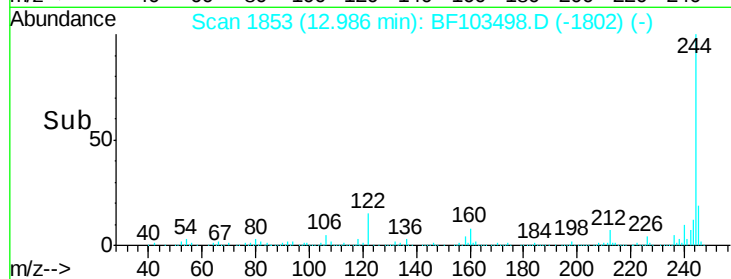
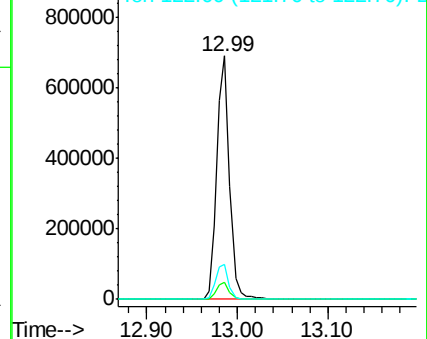
122 14.5 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BF103498.D

Acq: 7 Mar 2018 14:02

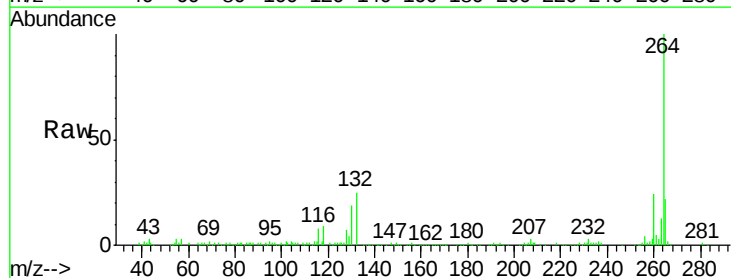
Tgt Ion:264 Resp: 217401

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.8 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

