

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103497.D
 Acq On : 7 Mar 2018 13:35
 Operator : SJ/JU
 Sample : PB107108BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107108BL

Quant Time: Mar 07 14:45:34 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	125947	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	587906	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	248852	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	390015	20.00	ng	0.00
75) Chrysene-d12	14.06	240	209175	20.00	ng	0.00
86) Perylene-d12	15.57	264	182703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1024690	123.05	ng	0.01
7) Phenol-d6	6.50	99	1305194	128.09	ng	0.00
23) Nitrobenzene-d5	7.43	82	834550	81.07	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	181464	86.15	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1285825	90.32	ng	0.00
78) Terphenyl-d14	12.99	244	869198	99.89	ng	0.00

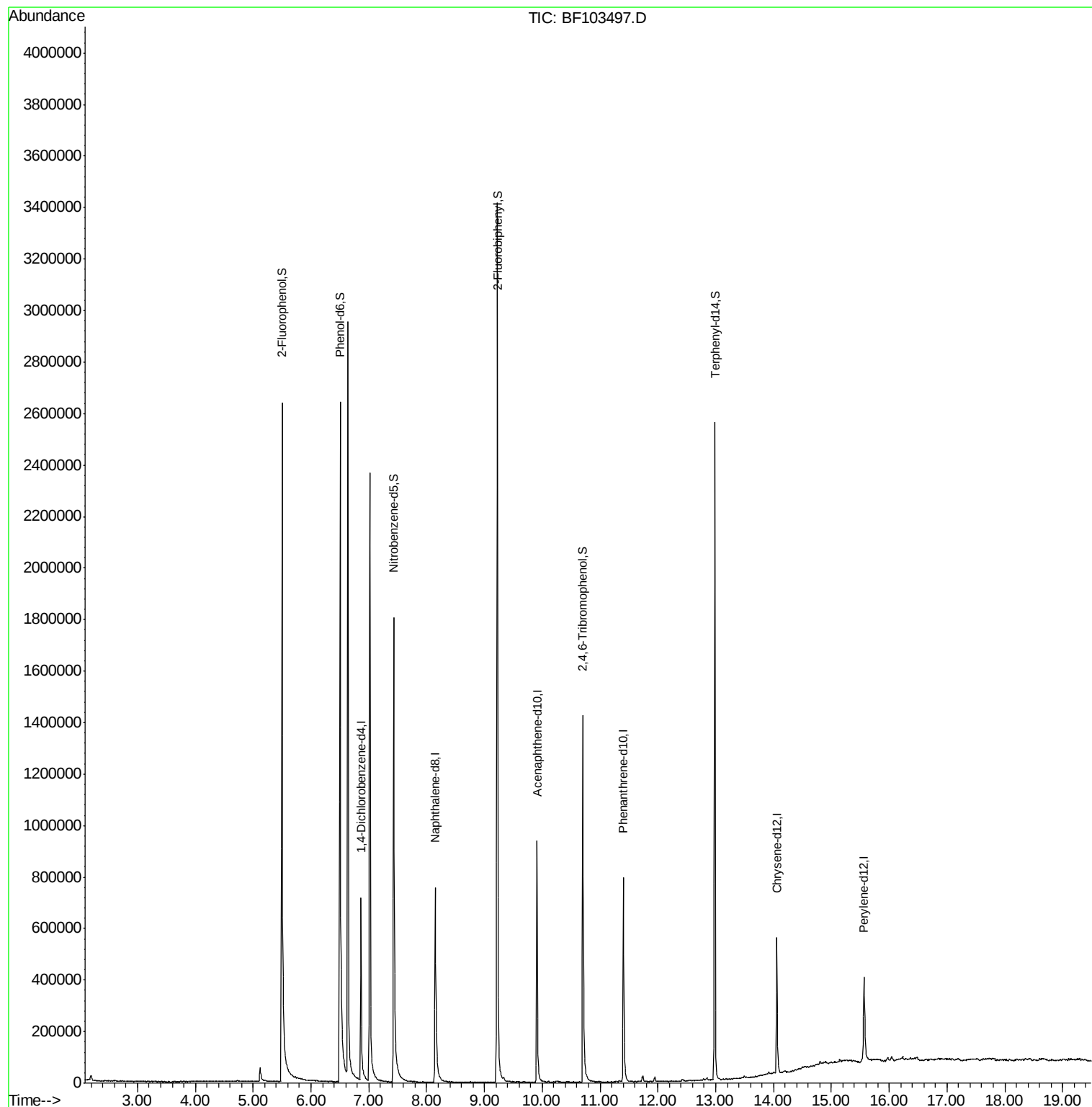
Target Compounds Qvalue

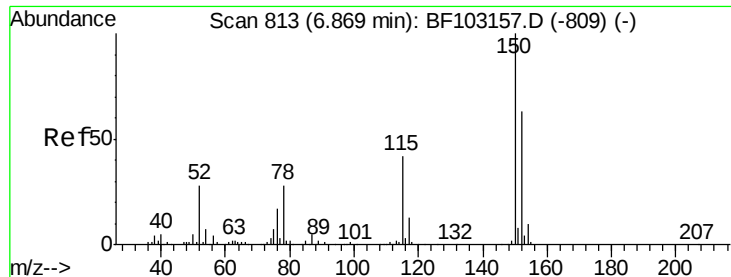
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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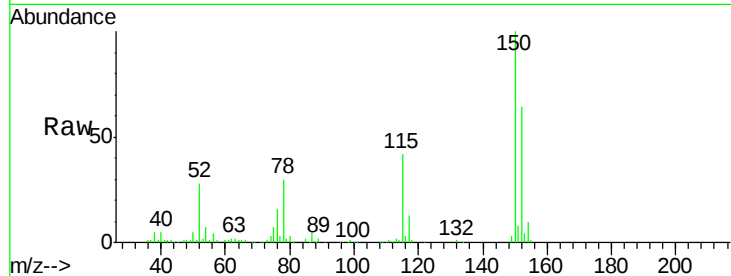


#1

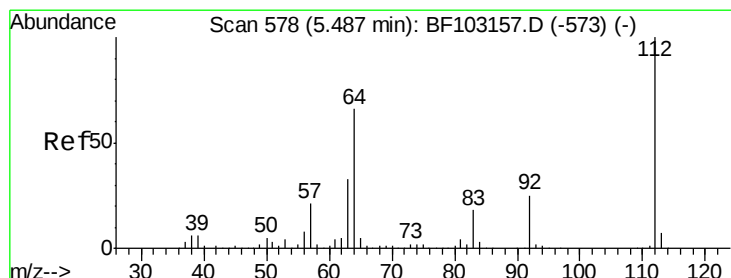
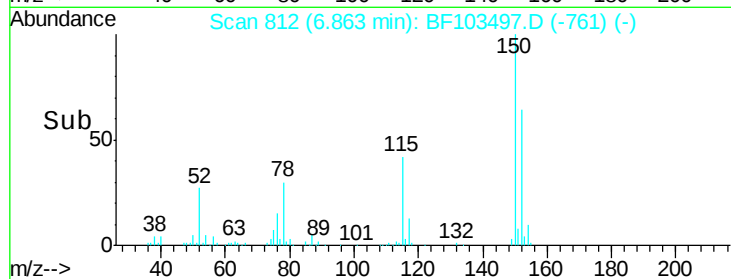
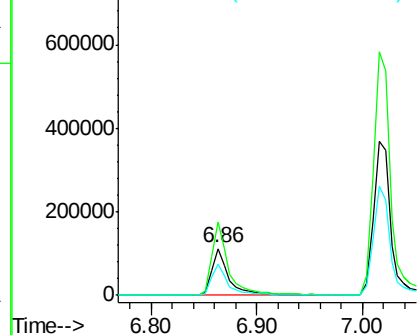
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB107108BL

Tot Ion:152 Resp: 125947
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 65.3 50.1 75.1



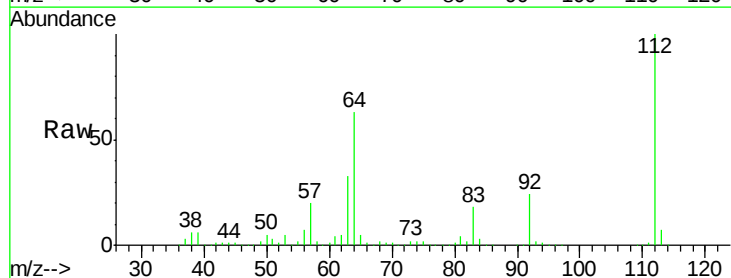
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



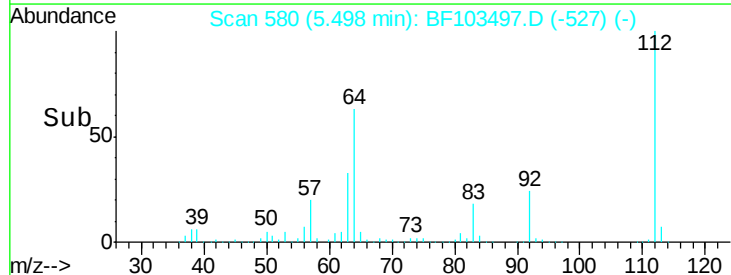
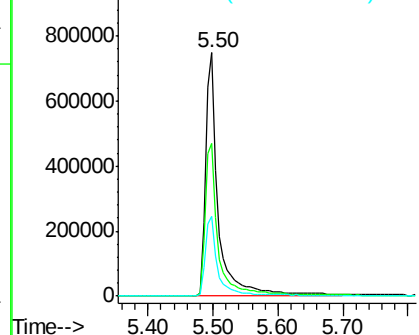
#5

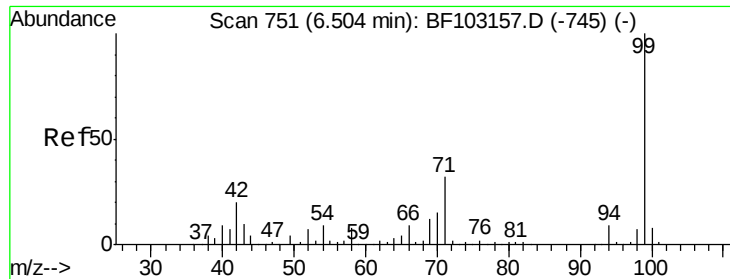
2-Fluorophenol
Concen: 123.049 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Tgt Ion:112 Resp: 1024690
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 32.5 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: 128.087 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103497.D

Acq: 7 Mar 2018 13:35

Instrument :

BNA_F

ClientSampleId :

PB107108BL

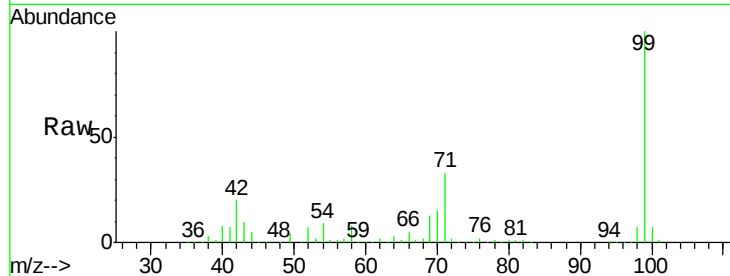
Tot Ion: 99 Resp: 1305194

Ion Ratio Lower Upper

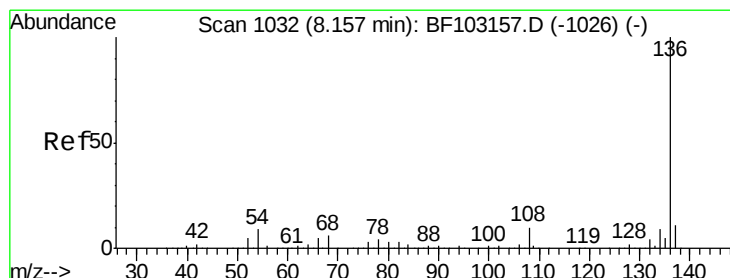
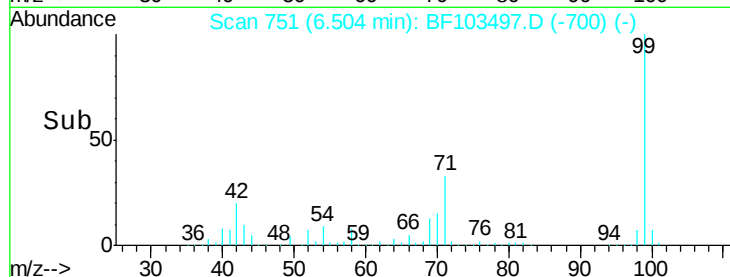
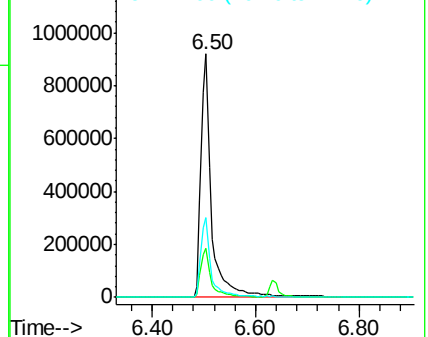
99 100

42 20.2 14.5 21.7

71 32.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103497.D

Acq: 7 Mar 2018 13:35

Tgt Ion: 136 Resp: 587906

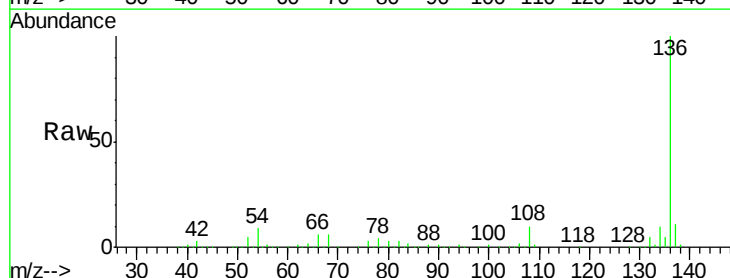
Ion Ratio Lower Upper

136 100

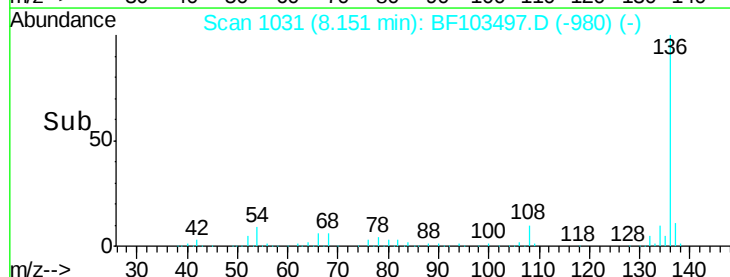
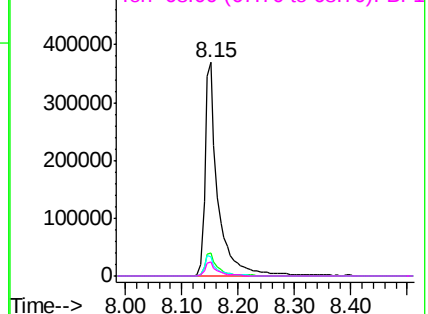
137 10.8 8.9 13.3

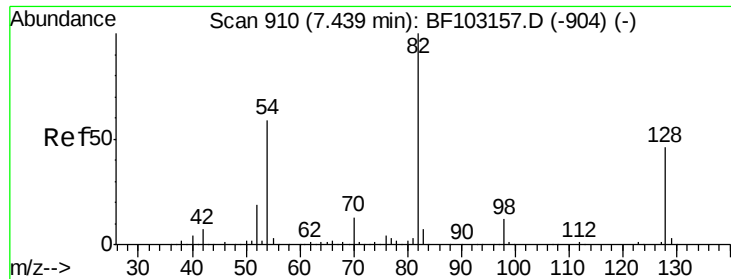
54 9.2 6.6 9.8

68 6.4 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

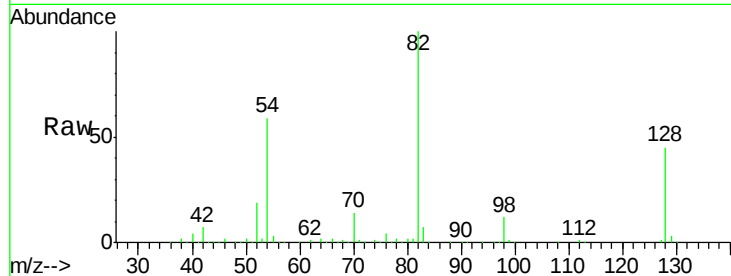




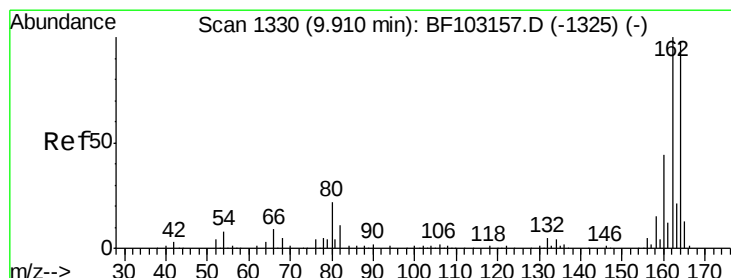
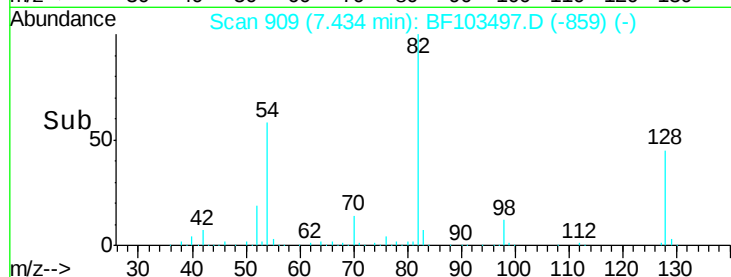
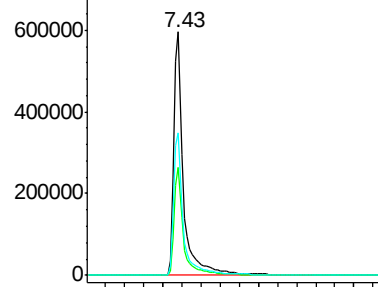
#23
 Nitrobenzene-d5
 Concen: 81.067 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103497.D
 Acq: 7 Mar 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB107108BL

Tot Ion: 82 Resp: 834550
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 58.5 41.4 62.2

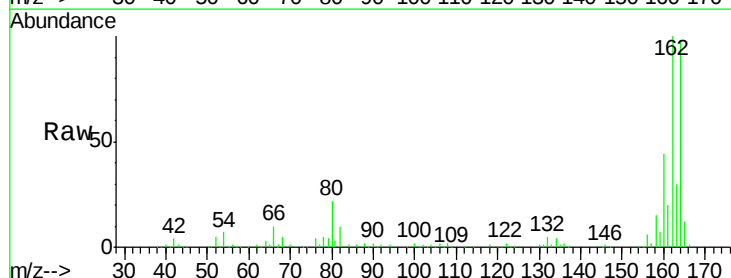


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

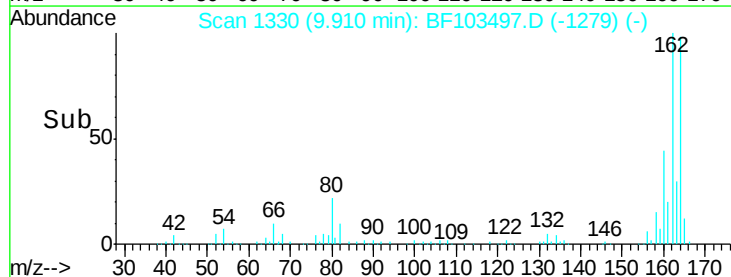
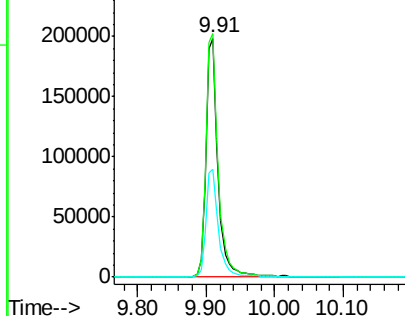


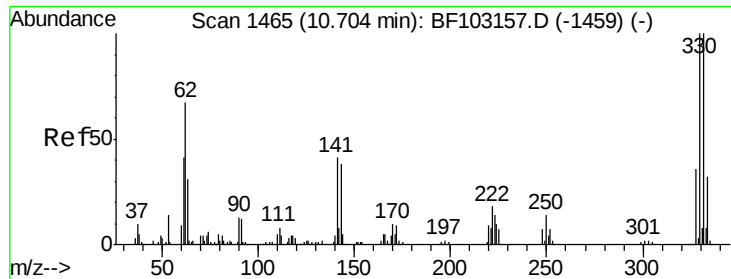
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF103497.D
 Acq: 7 Mar 2018 13:35

Tgt Ion:164 Resp: 248852
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 45.2 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

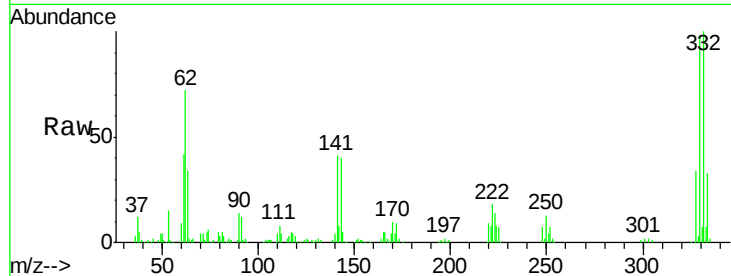




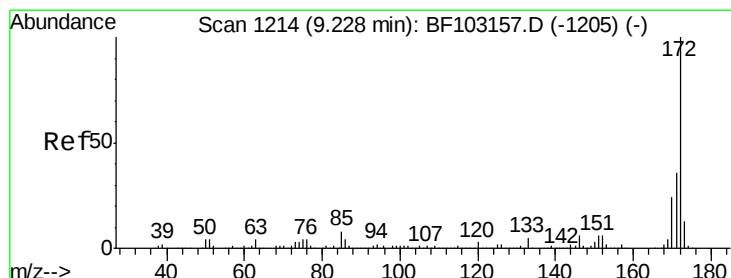
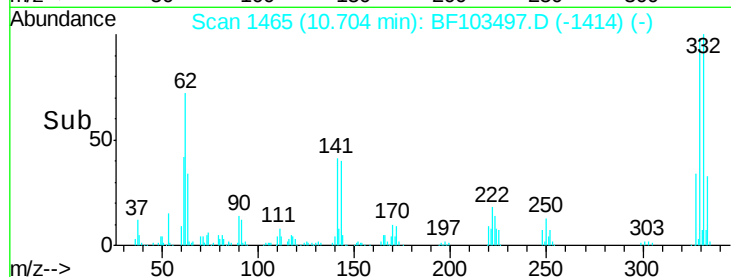
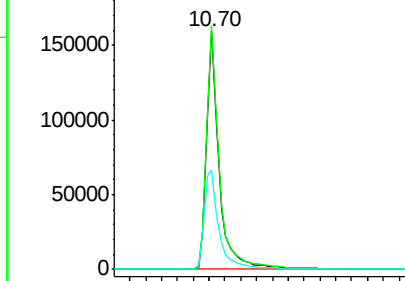
#41
 2,4,6-Tribromophenol
 Concen: 86.149 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103497.D
 Acq: 7 Mar 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB107108BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.7	77.0	115.6
141	48.0	29.9	44.9

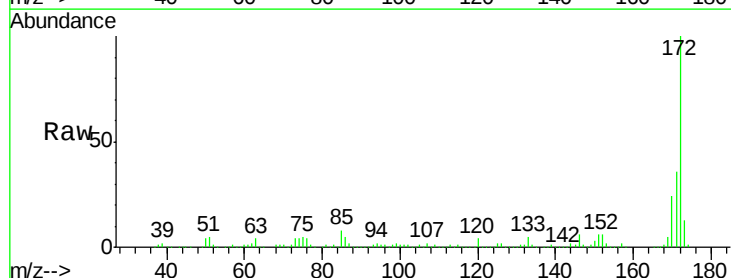


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

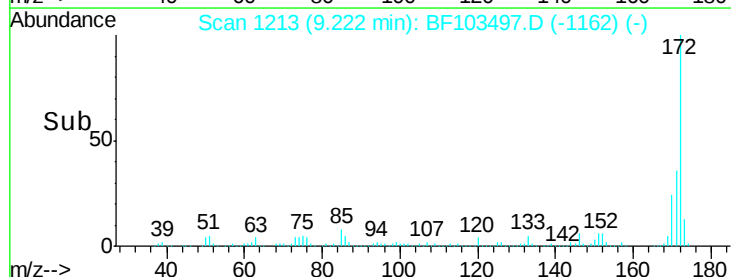
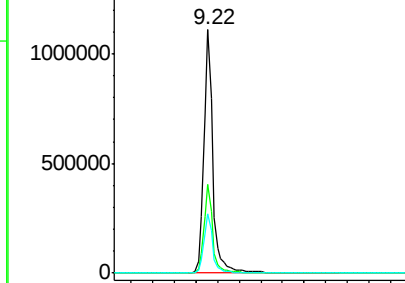


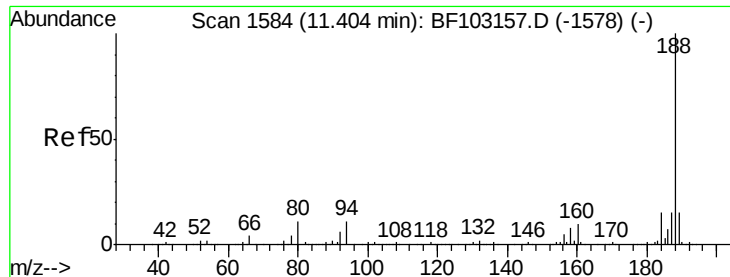
#44
 2-Fluorobiphenyl
 Concen: 90.324 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103497.D
 Acq: 7 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103497.D

Acq: 7 Mar 2018 13:35

Instrument :

BNA_F

ClientSampleId :

PB107108BL

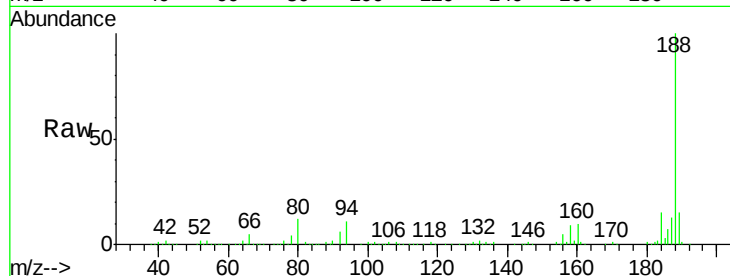
Tot Ion:188 Resp: 390015

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

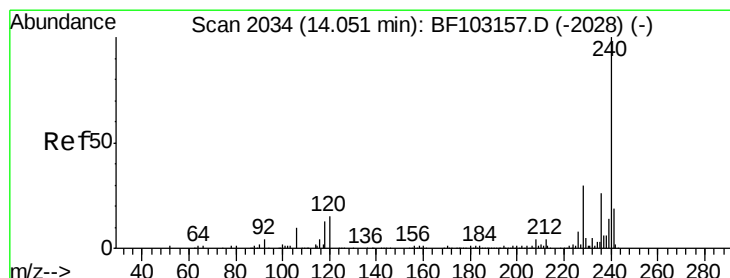
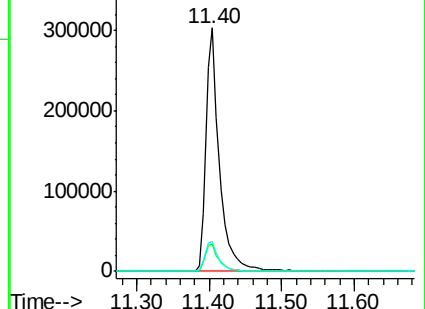
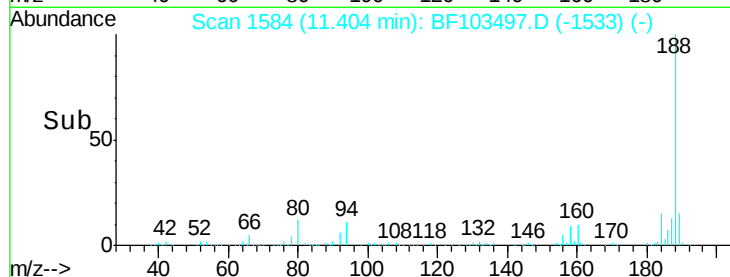
80 12.5 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103497.D

Acq: 7 Mar 2018 13:35

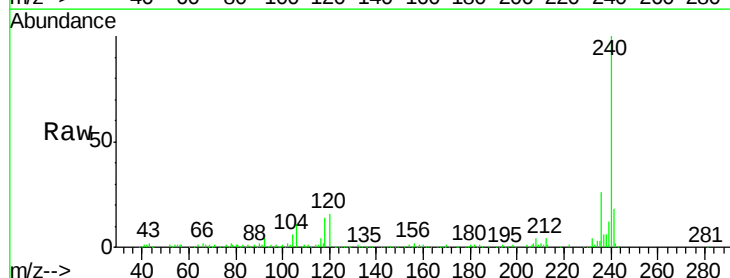
Tgt Ion:240 Resp: 209175

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

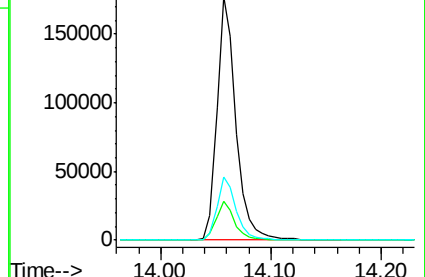
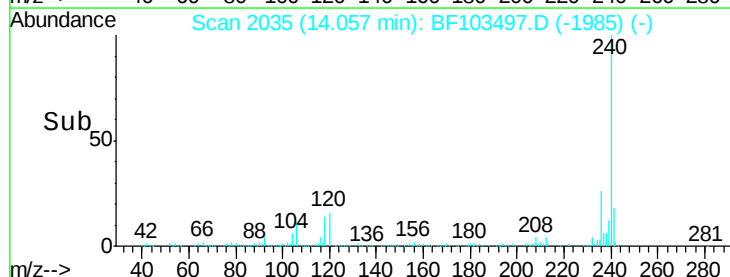
236 26.1 20.7 31.1

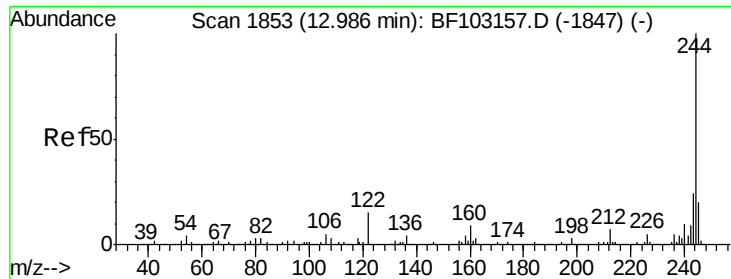


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.889 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103497.D

Acq: 7 Mar 2018 13:35

Instrument :

BNA_F

ClientSampleId :

PB107108BL

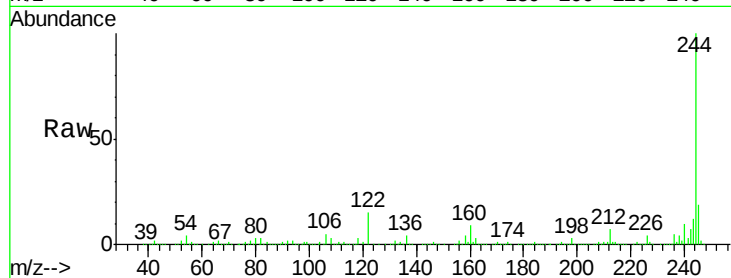
Tot Ion:244 Resp: 869198

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

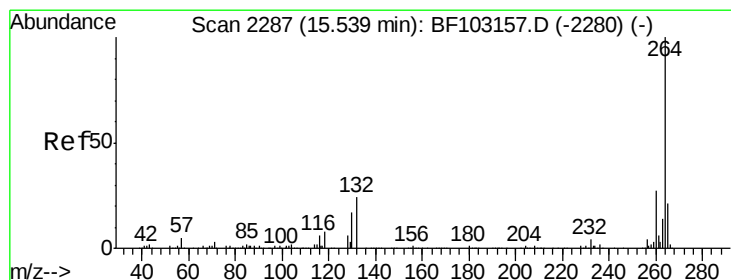
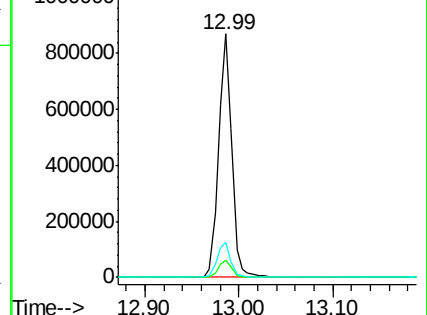
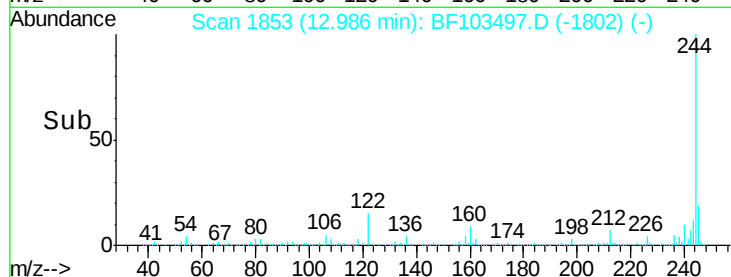
122 14.5 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. 0.01 min

Lab File: BF103497.D

Acq: 7 Mar 2018 13:35

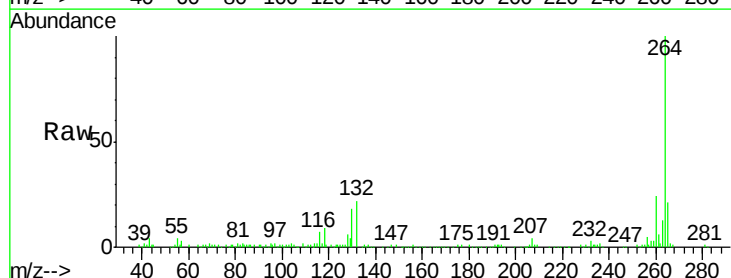
Tgt Ion:264 Resp: 182703

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

