

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102492.D
 Acq On : 27 Jan 2018 3:27
 Operator : SJ/JU
 Sample : PB106042BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106042BL

Quant Time: Jan 27 04:53:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167671	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	684630	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	277482	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	408579	20.00	ng	0.00
75) Chrysene-d12	13.89	240	312607	20.00	ng	0.00
86) Perylene-d12	15.32	264	220789	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	646398	58.45	ng	0.01
7) Phenol-d6	6.36	99	779086	58.44	ng	0.00
23) Nitrobenzene-d5	7.29	82	544245	45.68	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	79976	29.09	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1244384	65.94	ng	0.00
78) Terphenyl-d14	12.83	244	834661	60.19	ng	0.00

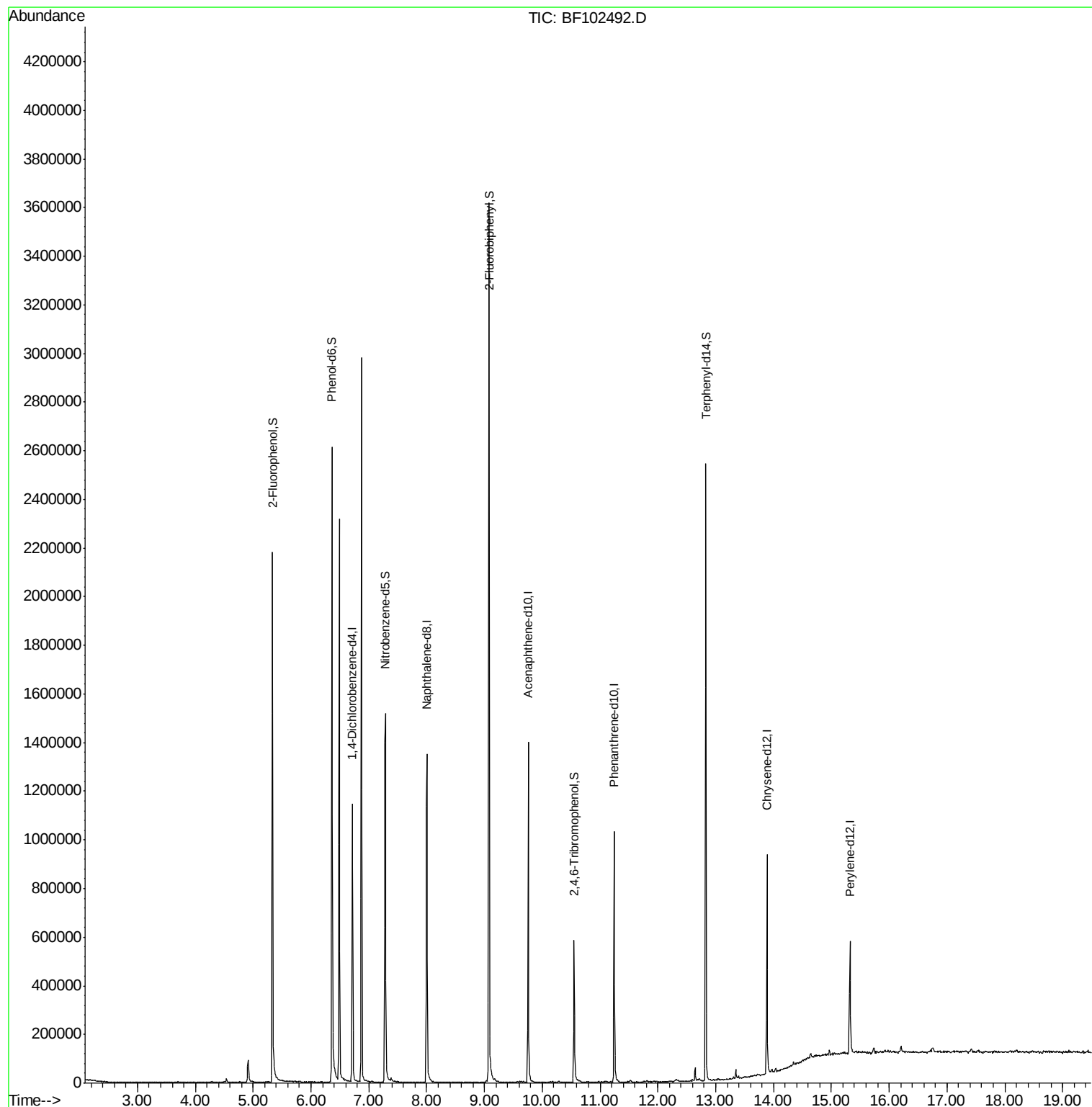
Target Compounds Qvalue

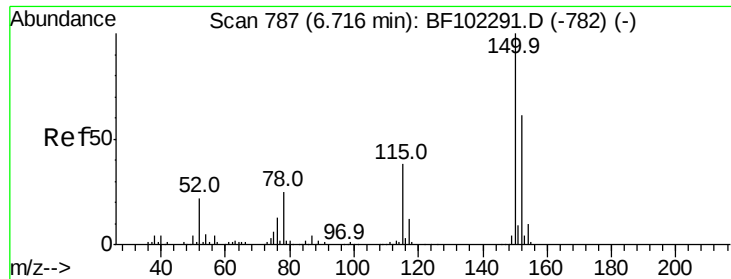
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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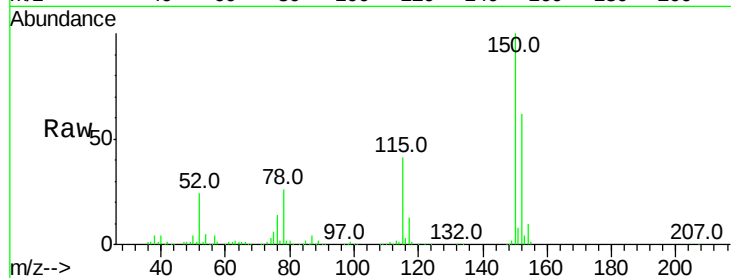


#1

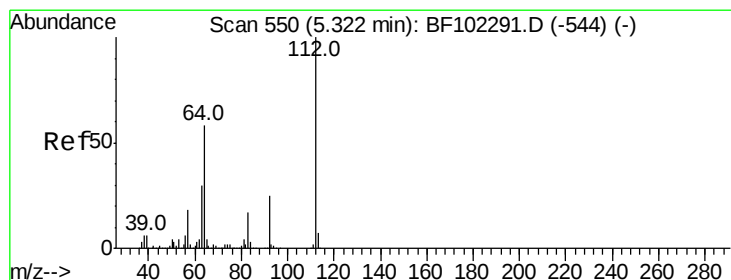
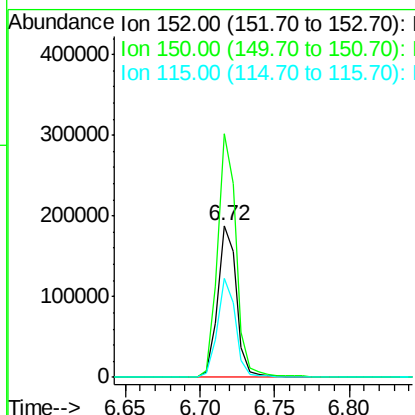
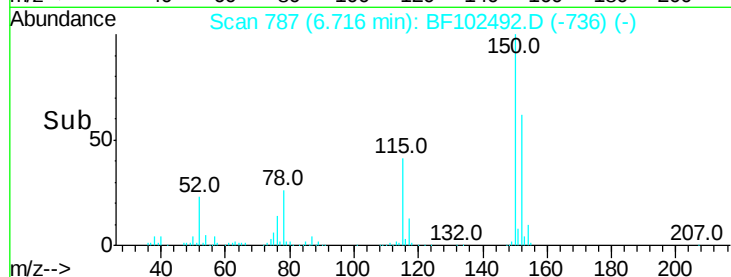
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102492.D
Acq: 27 Jan 2018 3:27

Instrument :
BNA_F
ClientSampleId :
PB106042BL

Tot Ion:152 Resp: 167671
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 65.4 50.1 75.1



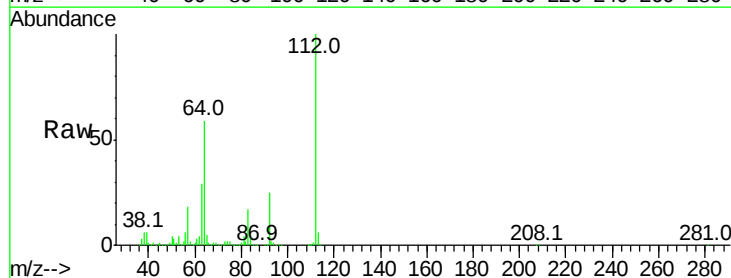
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



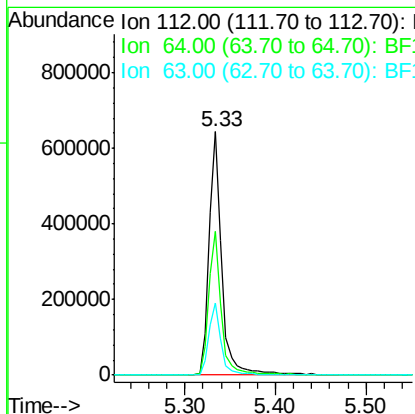
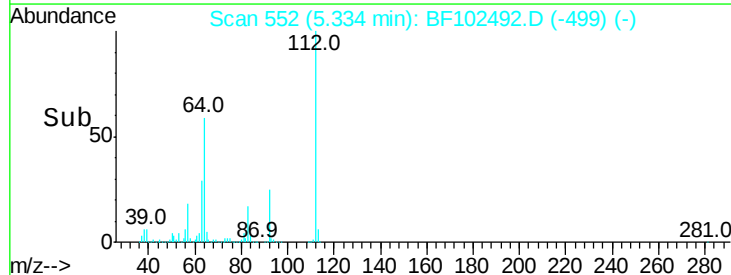
#5

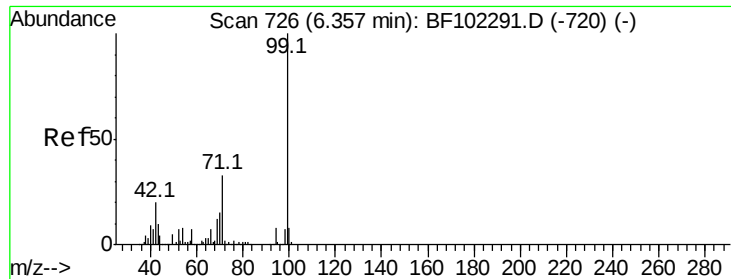
2-Fluorophenol
Concen: 58.454 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102492.D
Acq: 27 Jan 2018 3:27

Tgt Ion:112 Resp: 646398
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 29.4 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: 58.439 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102492.D

Acq: 27 Jan 2018 3:27

Instrument :

BNA_F

ClientSampleId :

PB106042BL

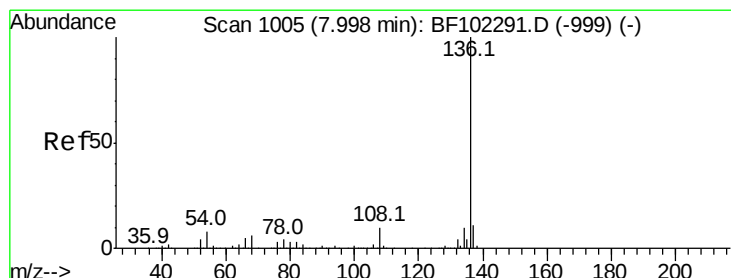
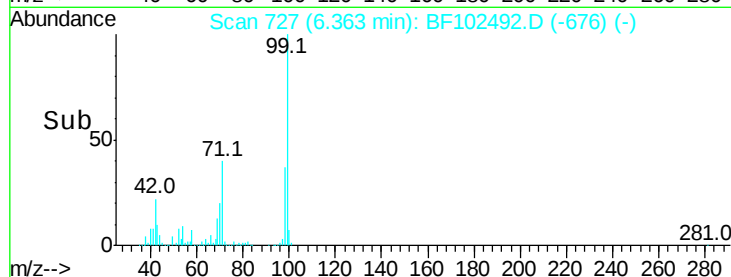
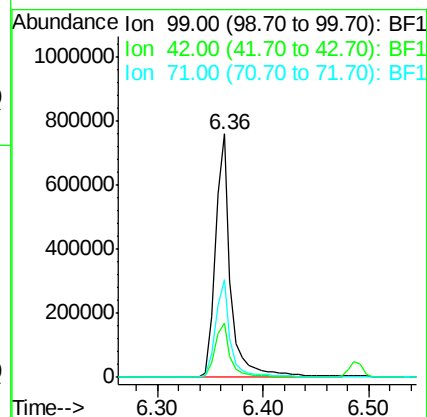
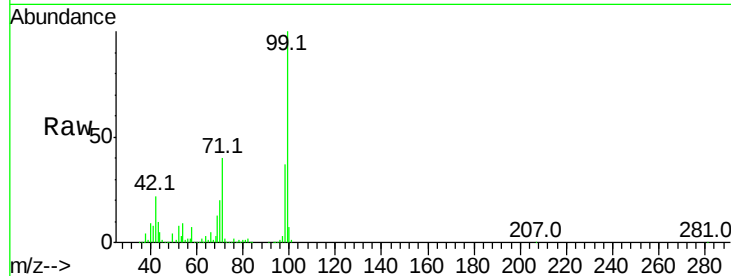
Tot Ion: 99 Resp: 779086

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

71 40.3 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102492.D

Acq: 27 Jan 2018 3:27

Tgt Ion: 136 Resp: 684630

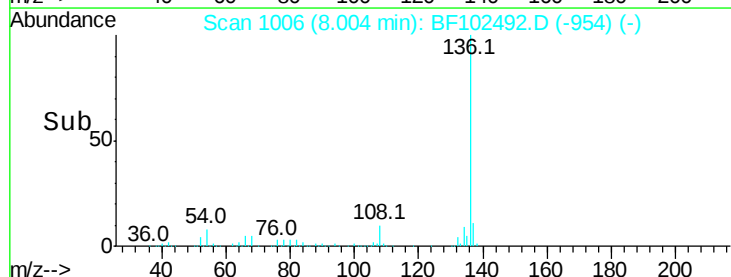
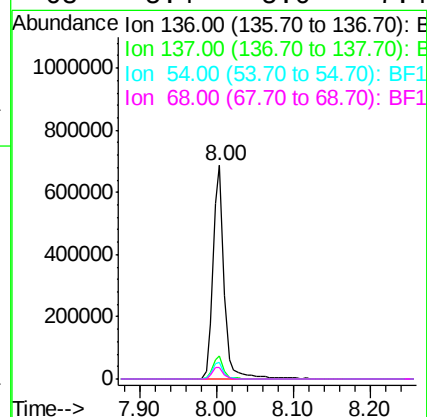
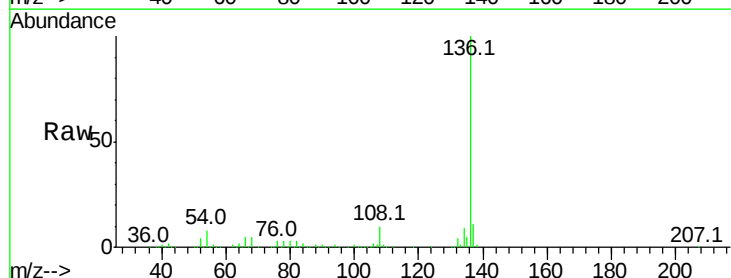
Ion Ratio Lower Upper

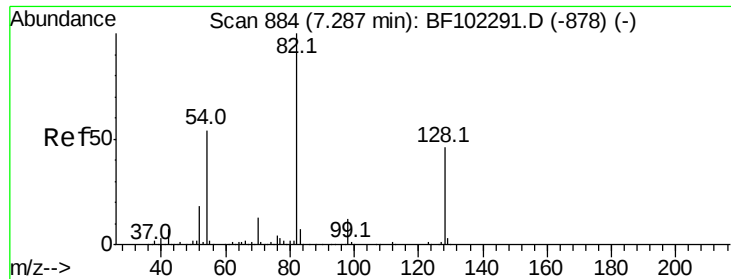
136 100

137 11.0 8.9 13.3

54 7.9 6.6 9.8

68 5.4 5.0 7.4

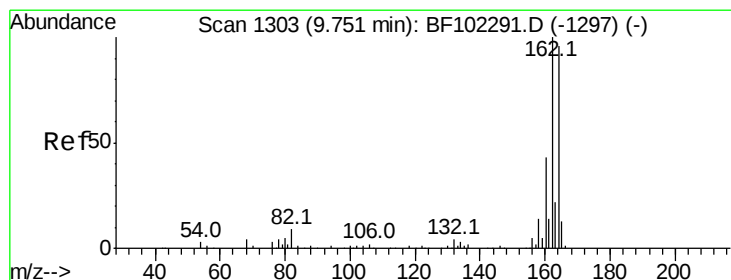
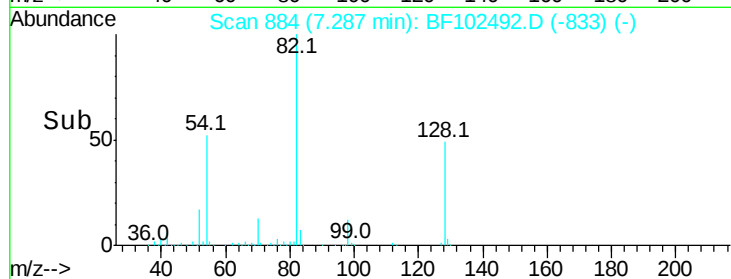
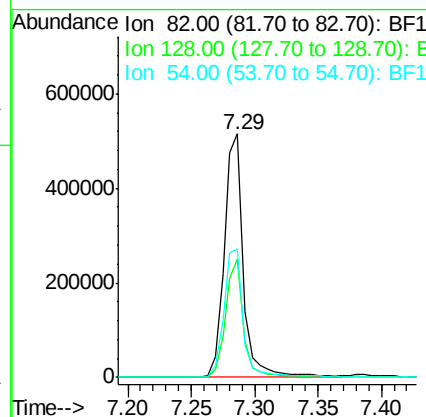
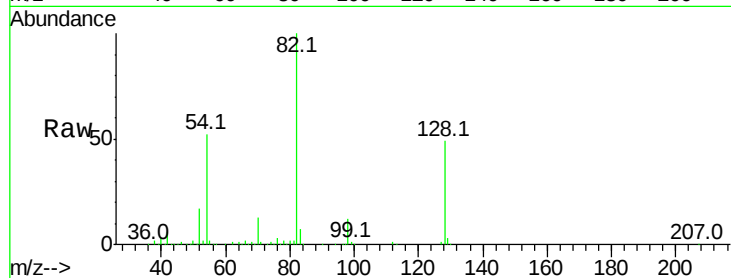




#23
 Nitrobenzene-d5
 Concen: 45.683 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102492.D
 Acq: 27 Jan 2018 3:27

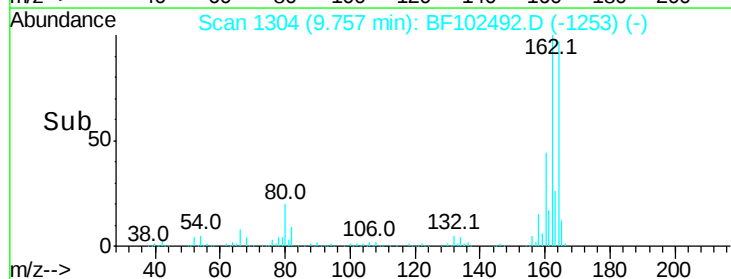
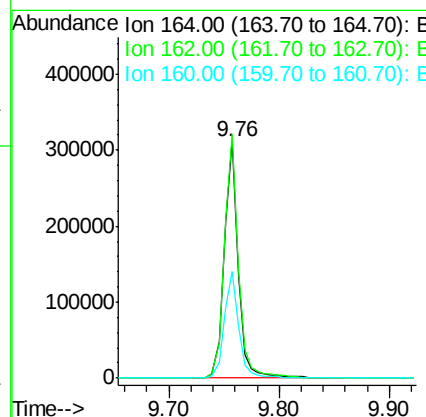
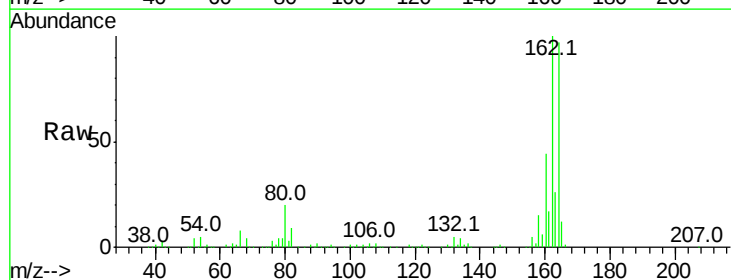
Instrument :
 BNA_F
 ClientSampleId :
 PB106042BL

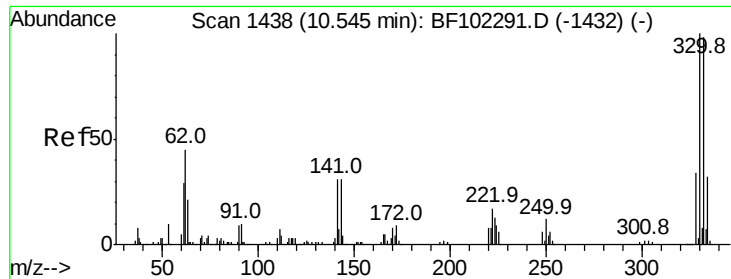
Tot Ion	82	Resp	544245
Ion Ratio	Lower	Upper	
82	100		
128	48.5	36.1	54.1
54	52.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF102492.D
 Acq: 27 Jan 2018 3:27

Tgt Ion	164	Resp	277482
Ion Ratio	Lower	Upper	
164	100		
162	102.8	86.1	129.1
160	45.3	38.3	57.5

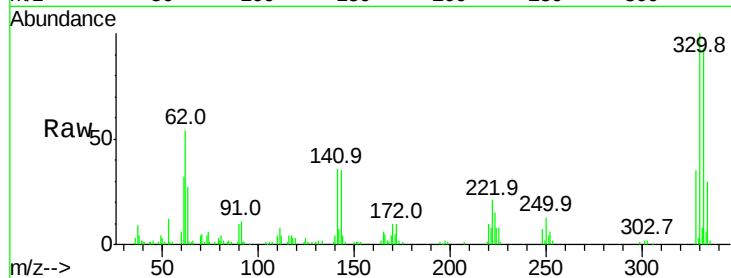




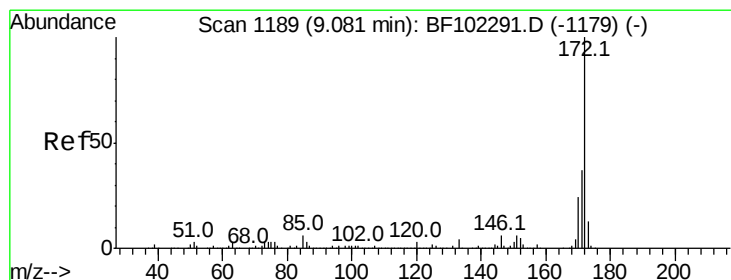
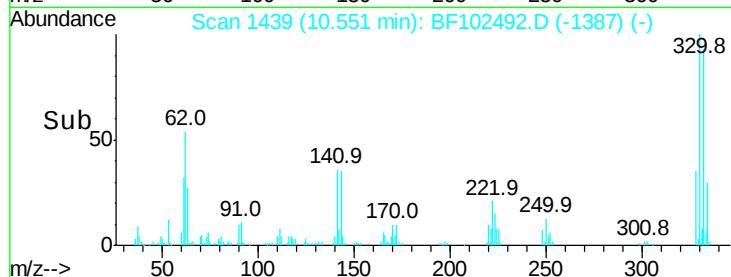
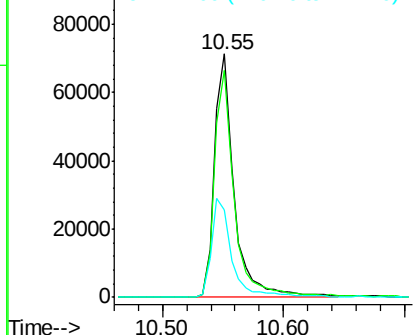
#41
 2,4,6-Tribromophenol
 Concen: 29.088 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102492.D
 Acq: 27 Jan 2018 3:27

Instrument :
 BNA_F
 ClientSampleId :
 PB106042BL

Tot Ion:330 Resp: 79976
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 42.1 29.9 44.9

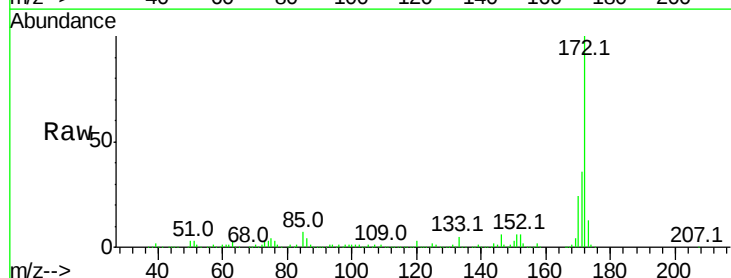


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

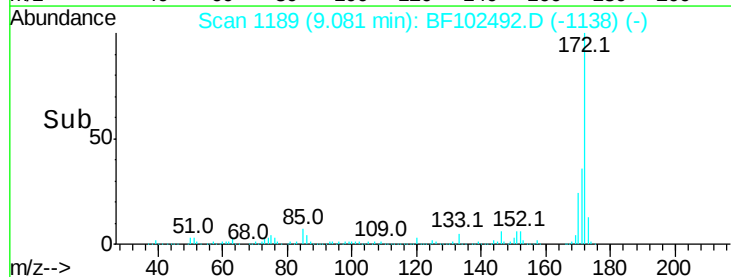
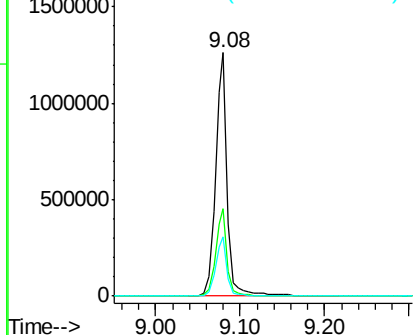


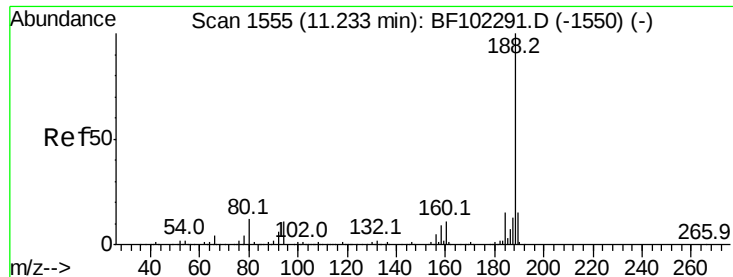
#44
 2-Fluorobiphenyl
 Concen: 65.939 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102492.D
 Acq: 27 Jan 2018 3:27

Tgt Ion:172 Resp: 1244384
 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

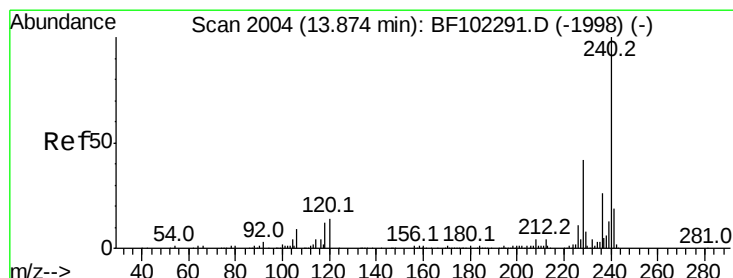
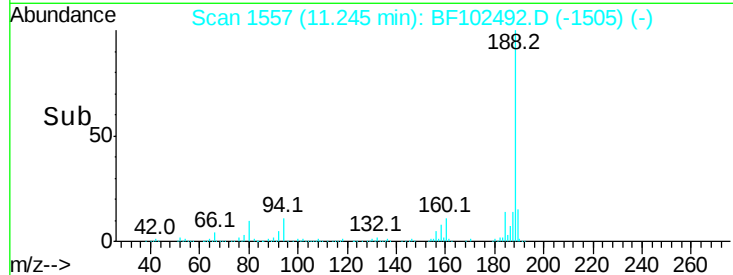
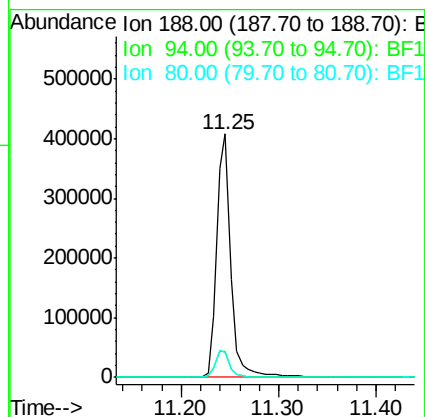
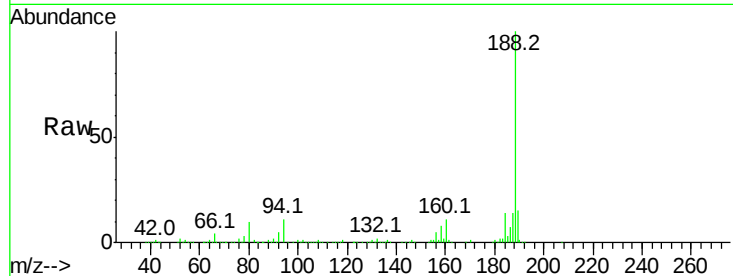




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102492.D
Acq: 27 Jan 2018 3:27

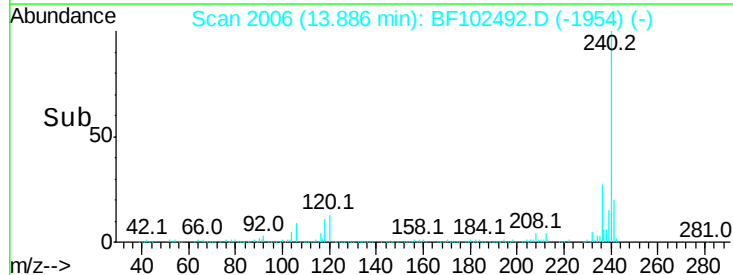
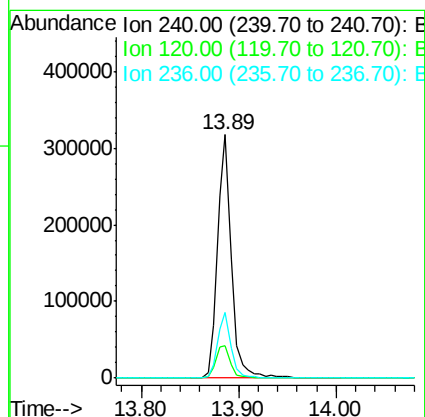
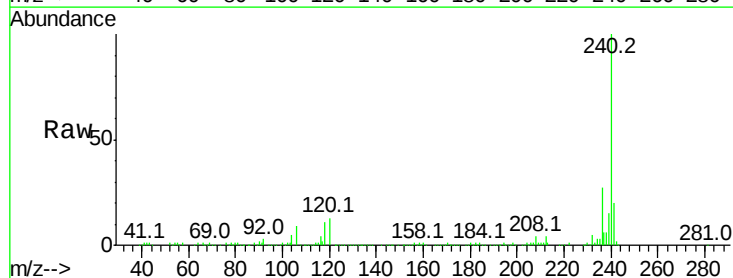
Instrument :
BNA_F
ClientSampleId :
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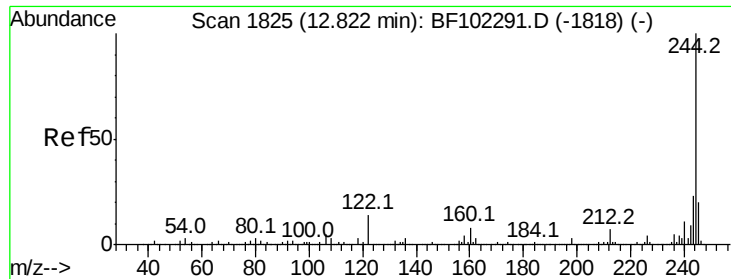
Tot Ion:188 Resp: 408579
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF102492.D
Acq: 27 Jan 2018 3:27

Tgt Ion:240 Resp: 312607
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 60.191 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102492.D

Acq: 27 Jan 2018 3:27

Instrument :

BNA_F

ClientSampleId :

PB106042BL

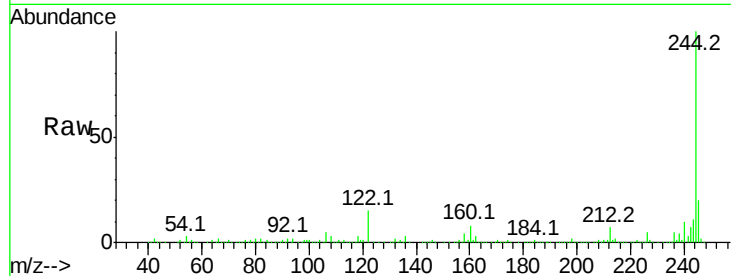
Tot Ion:244 Resp: 834661

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

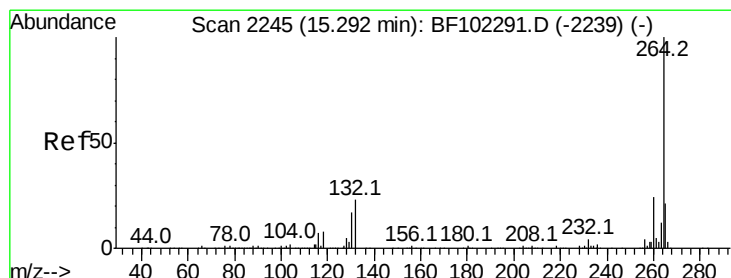
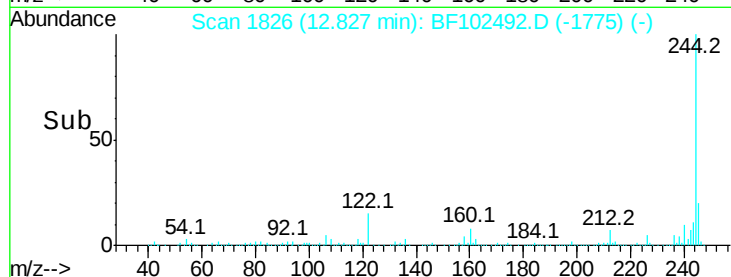
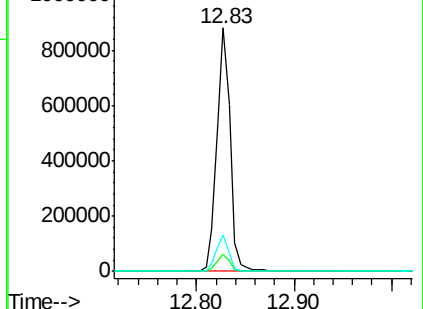
122 14.7 11.0 16.4



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: 15.32 min Scan# 2250

Delta R.T. 0.02 min

Lab File: BF102492.D

Acq: 27 Jan 2018 3:27

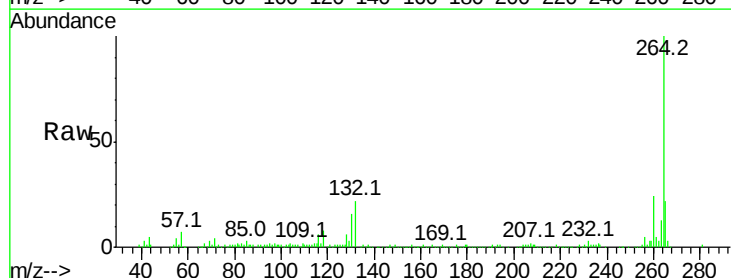
Tgt Ion:264 Resp: 220789

Ion Ratio Lower Upper

264 100

260 24.5 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

