

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102827.D
 Acq On : 7 Feb 2018 21:14
 Operator : SJ/JU
 Sample : J1473-21 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B6

Quant Time: Feb 08 04:36:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

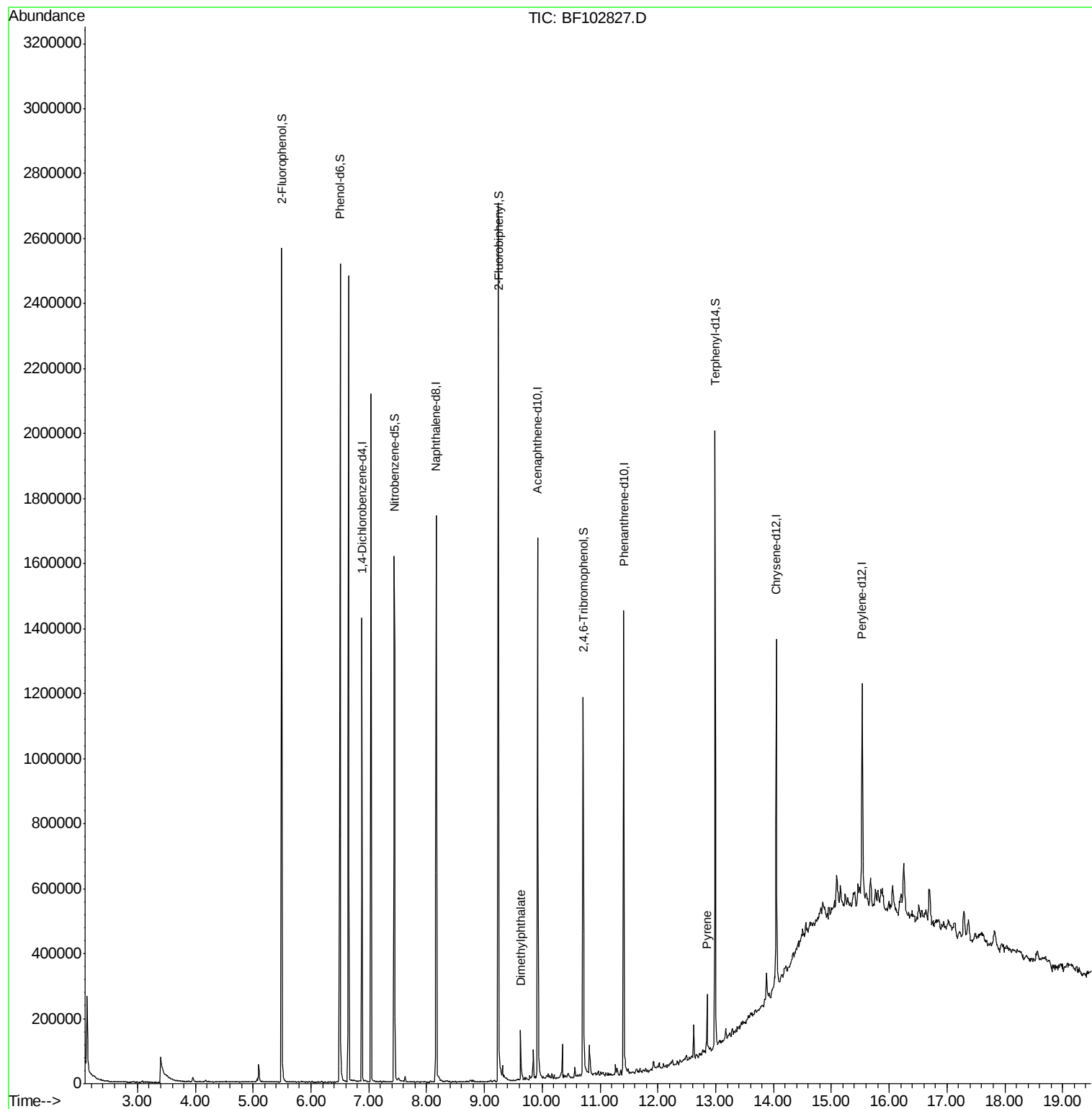
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	190000	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	749143	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	323457	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	492235	20.00	ng	0.00
75) Chrysene-d12	14.04	240	365027	20.00	ng	0.00
86) Perylene-d12	15.53	264	311048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	658786	52.66	ng	0.00
7) Phenol-d6	6.50	99	776336	51.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	474179	43.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	147056	56.49	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	833432	42.76	ng	0.00
78) Terphenyl-d14	12.99	244	593704	38.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	57769	2.291	ng	100
77) Pyrene	12.85	202	63356	2.213	ng	99

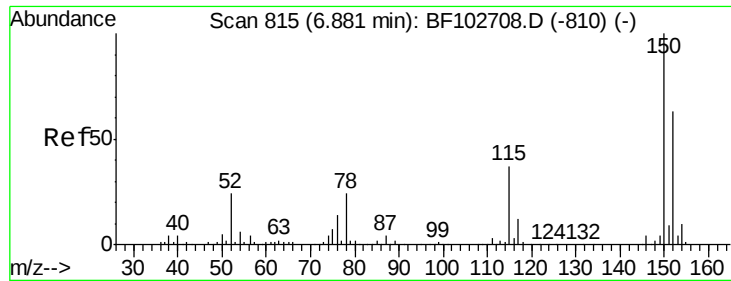
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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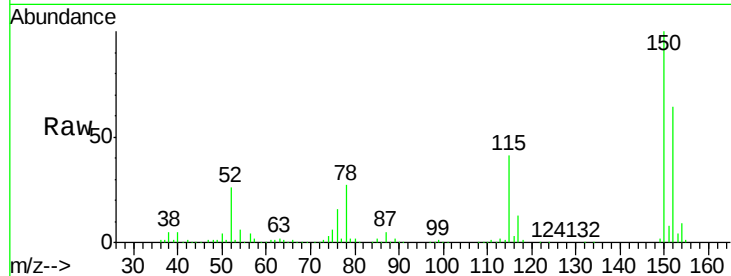


#1

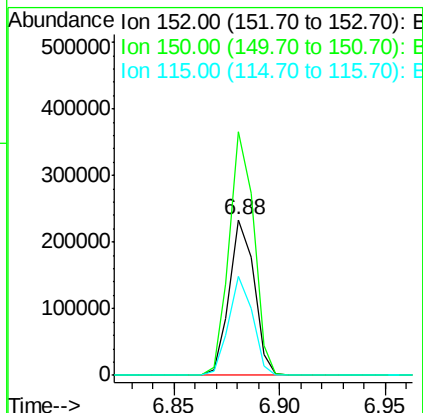
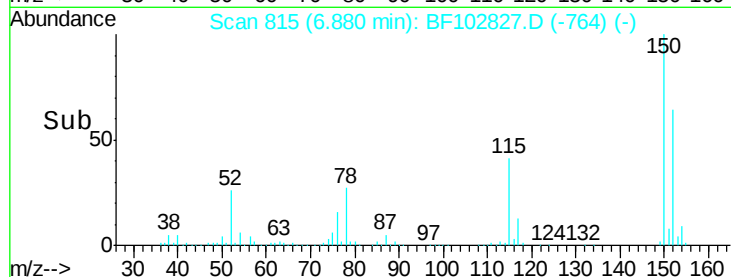
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampled :
B6

Tot Ion:152 Resp: 190000
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 63.3 50.1 75.1



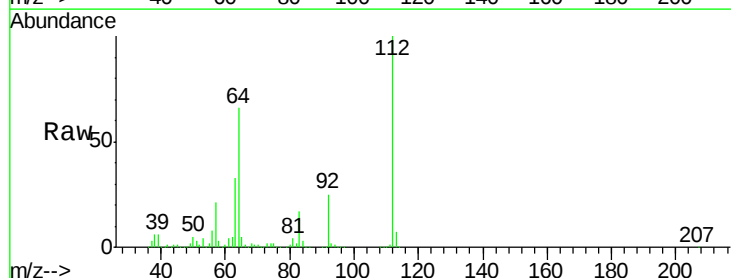
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



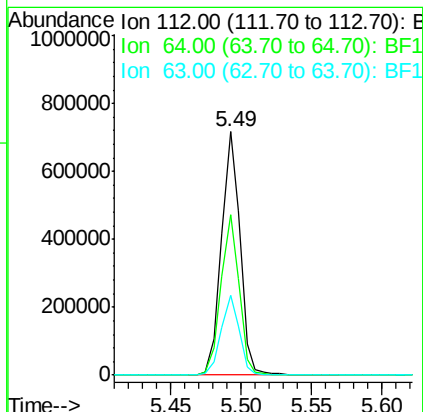
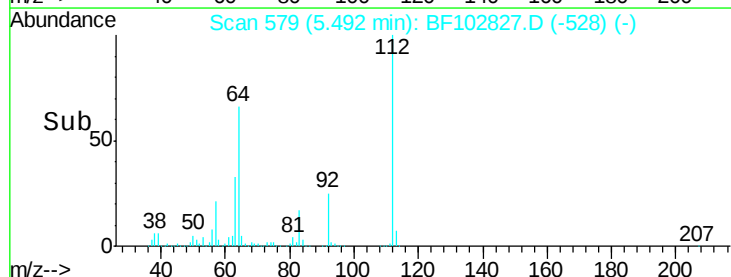
#5

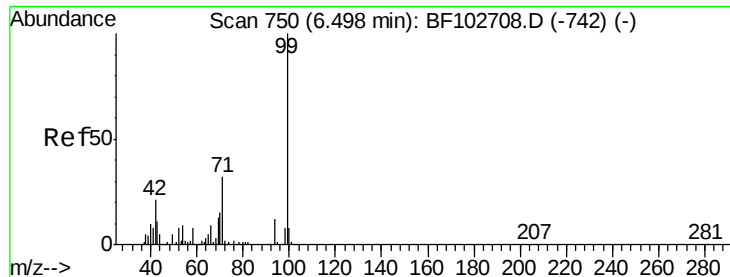
2-Fluorophenol
Concen: 52.657 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion:112 Resp: 658786
Ion Ratio Lower Upper
112 100
64 65.7 47.9 71.9
63 33.0 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: 51.536 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102827.D

Acq: 7 Feb 2018 21:14

Instrument :

BNA_F

ClientSampled :

B6

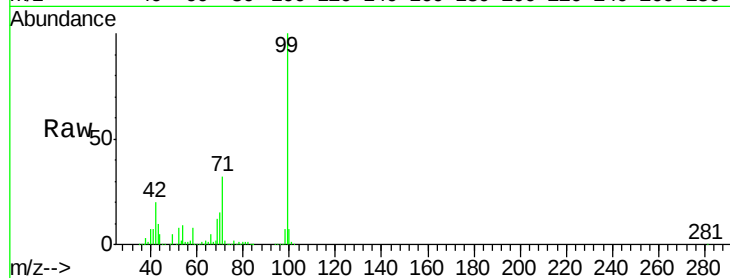
Tot Ion: 99 Resp: 776336

Ion Ratio Lower Upper

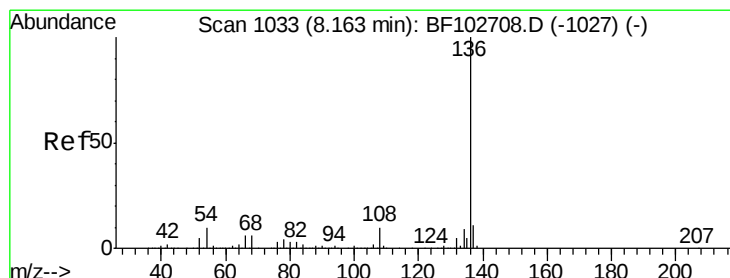
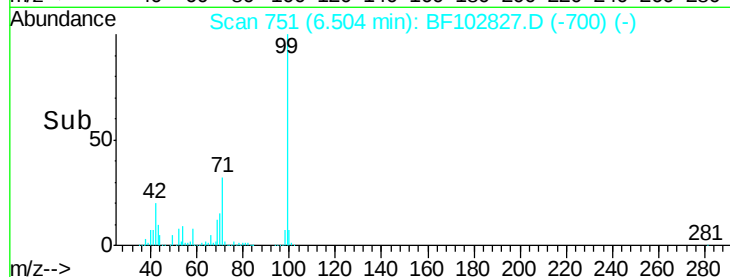
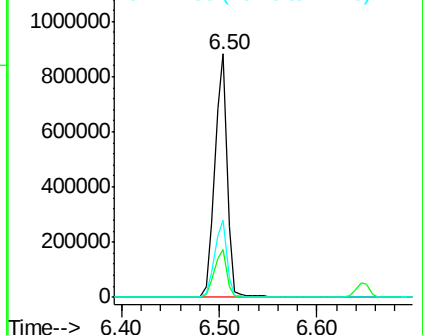
99 100

42 19.5 14.5 21.7

71 31.8 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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102827.D

Acq: 7 Feb 2018 21:14

Tgt Ion: 136 Resp: 749143

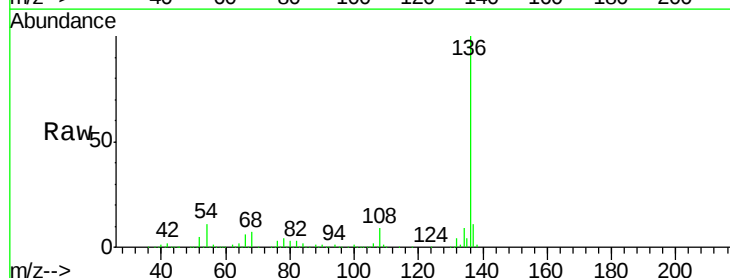
Ion Ratio Lower Upper

136 100

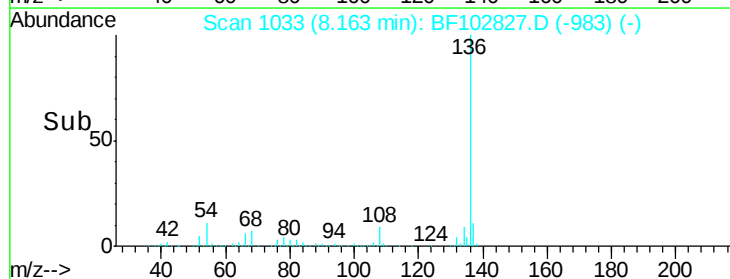
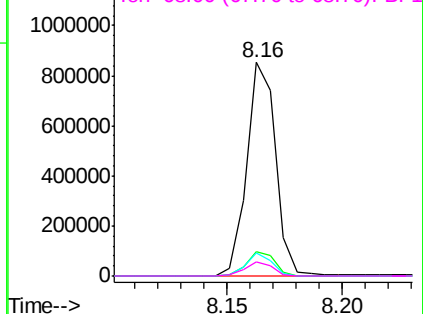
137 11.2 8.9 13.3

54 10.5 6.6 9.8#

68 6.7 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

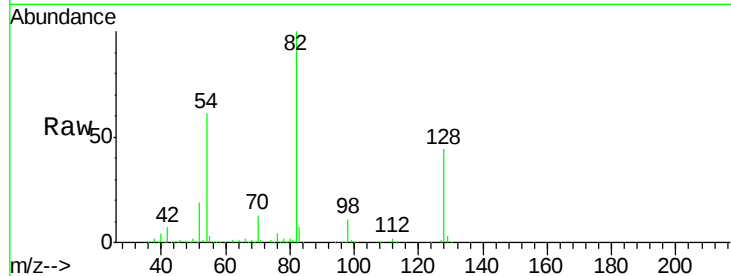




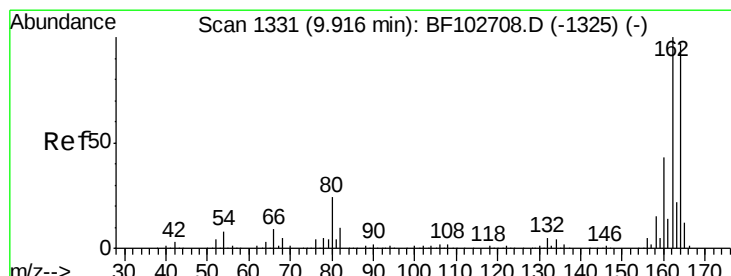
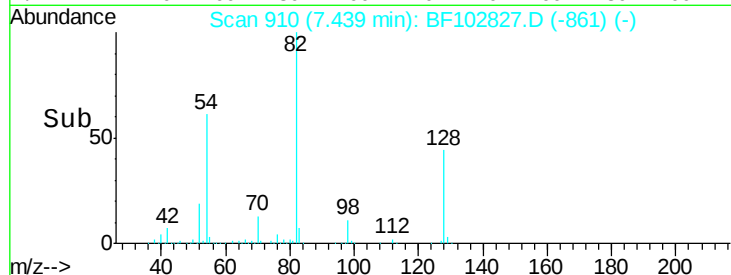
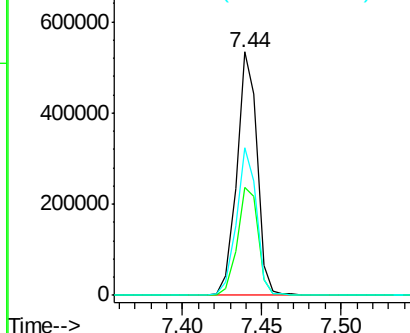
#23
 Nitrobenzene-d5
 Concen: 43.909 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF102827.D
 Acq: 7 Feb 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 B6

Tot Ion: 82 Resp: 474179
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.1 54.1
 54 60.7 41.4 62.2

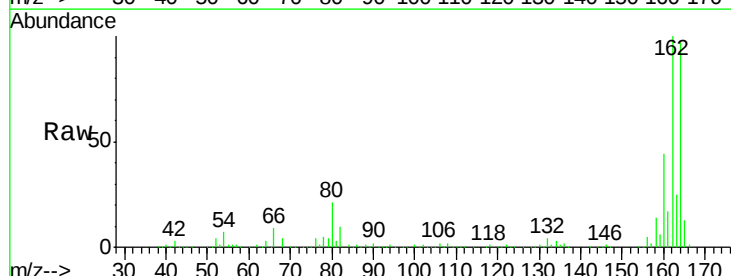


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

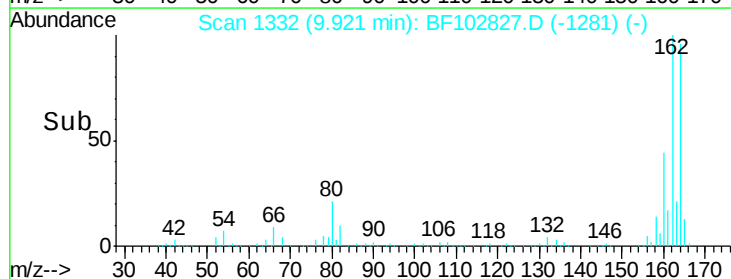
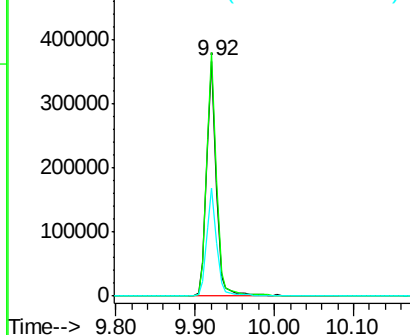


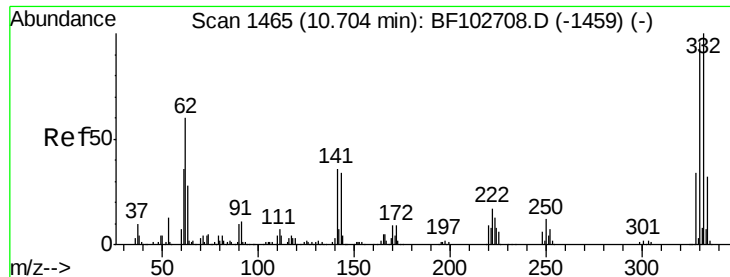
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102827.D
 Acq: 7 Feb 2018 21:14

Tgt Ion: 164 Resp: 323457
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

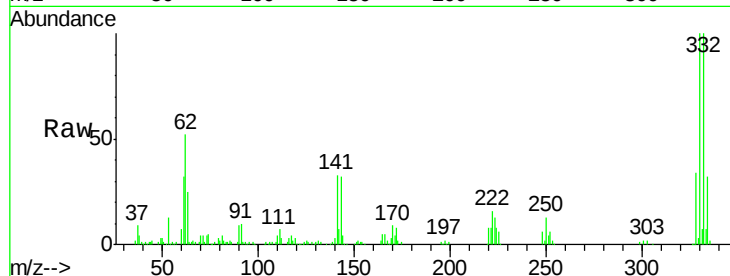




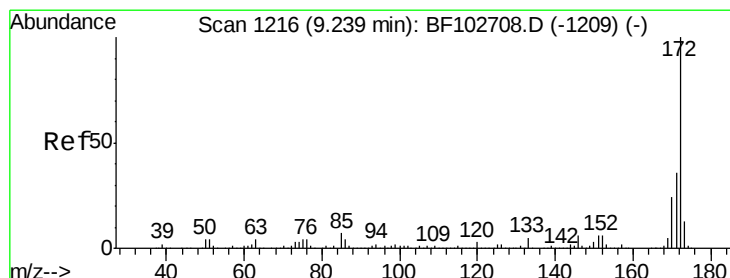
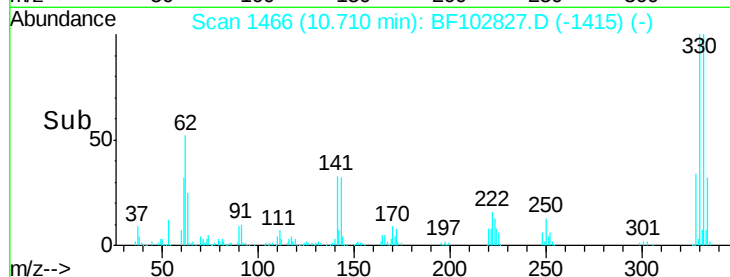
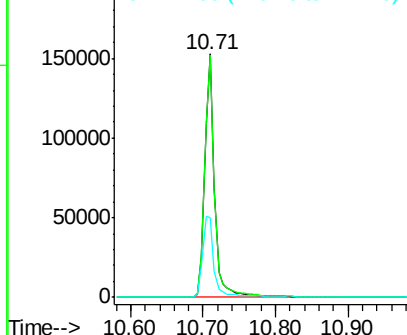
#41
 2,4,6-Tribromophenol
 Concen: 56.485 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102827.D
 Acq: 7 Feb 2018 21:14

Instrument :
 BNA_F
 ClientSampled :
 B6

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.6	77.0	115.6
141	38.3	29.9	44.9

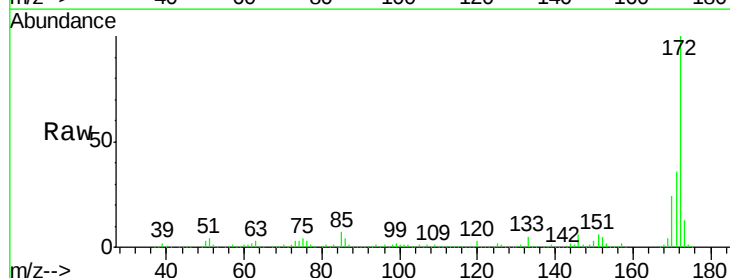


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

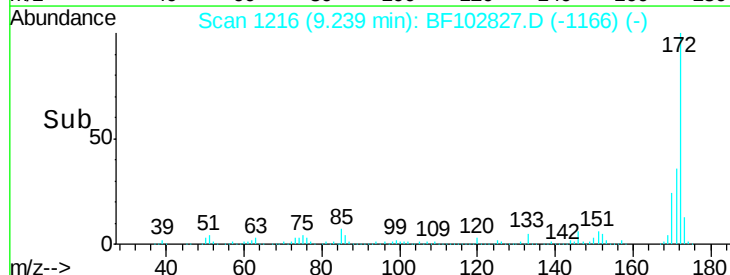
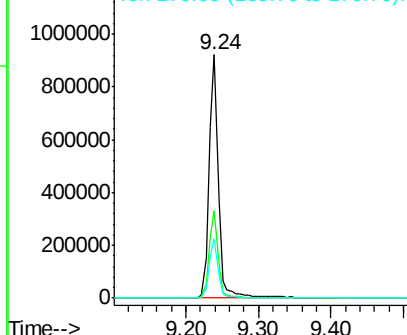


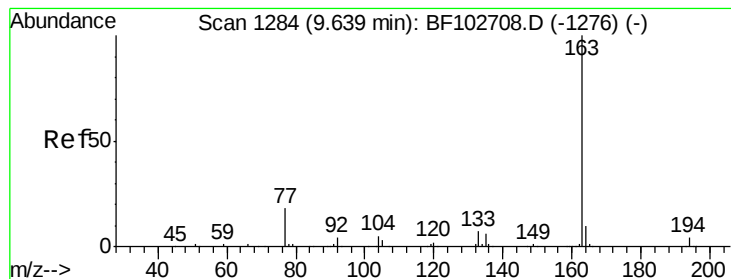
#44
 2-Fluorobiphenyl
 Concen: 42.756 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102827.D
 Acq: 7 Feb 2018 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	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: 2.291 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102827.D

Acq: 7 Feb 2018 21:14

Instrument :

BNA_F

ClientSampleId :

B6

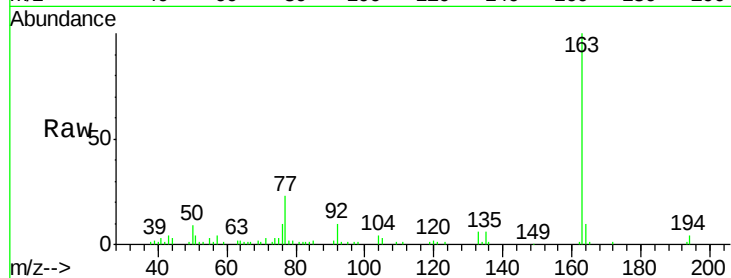
Tot Ion:163 Resp: 57769

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

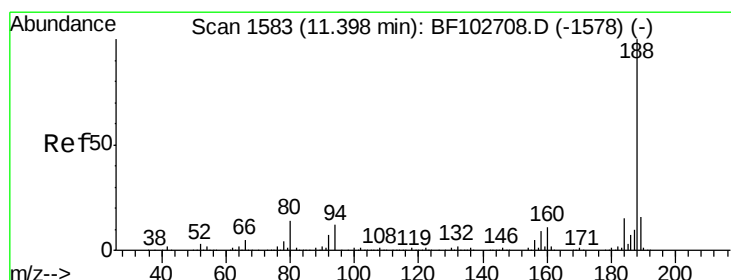
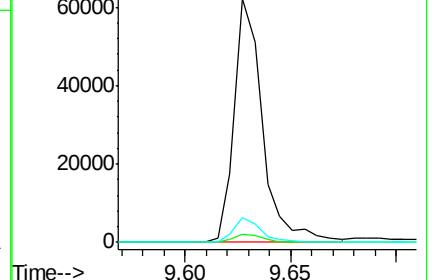
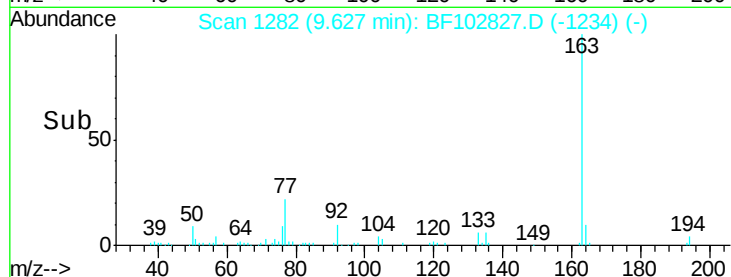
164 10.1 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF102827.D

Acq: 7 Feb 2018 21:14

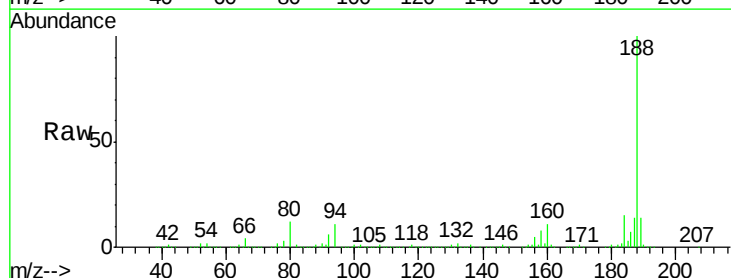
Tgt Ion:188 Resp: 492235

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

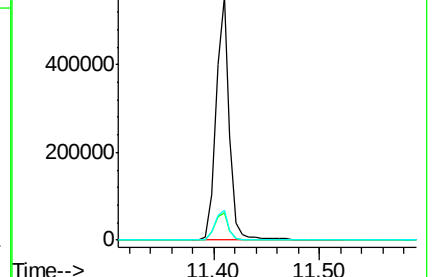
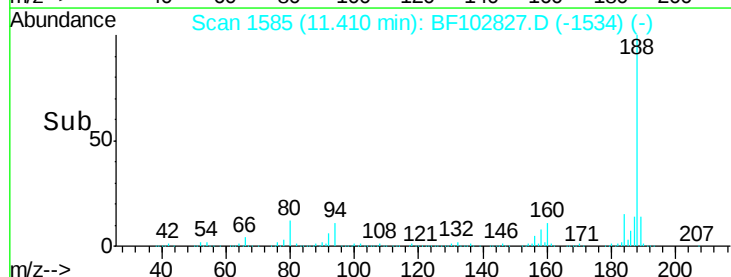
80 12.1 9.2 13.8

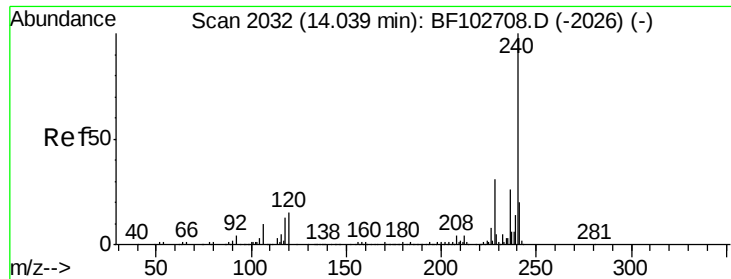


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102827.D

Acq: 7 Feb 2018 21:14

Instrument :

BNA_F

ClientSampleId :

B6

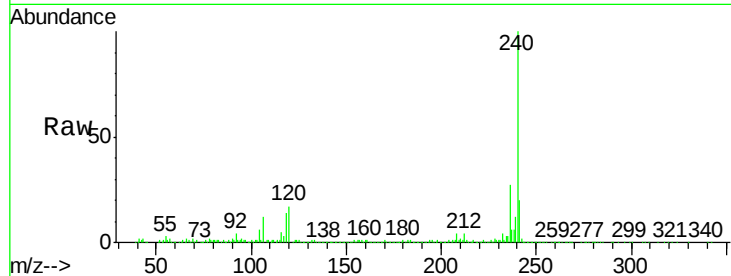
Tot Ion:240 Resp: 365027

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

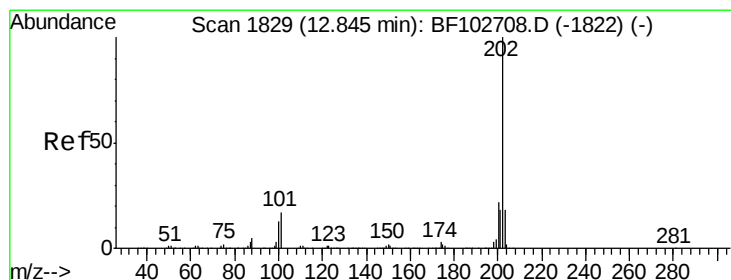
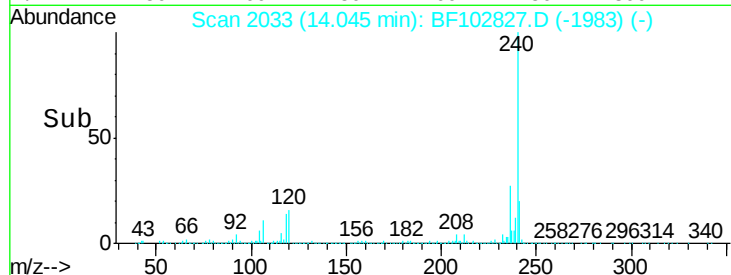
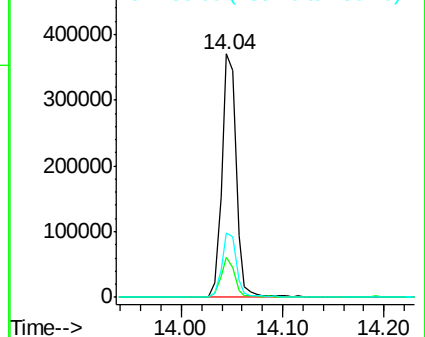
236 26.7 20.7 31.1



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



#77

Pyrene

Concen: 2.213 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF102827.D

Acq: 7 Feb 2018 21:14

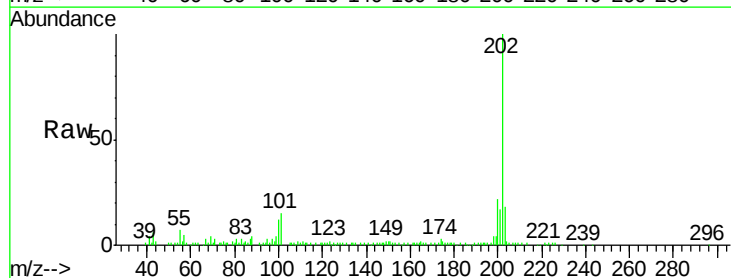
Tgt Ion:202 Resp: 63356

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

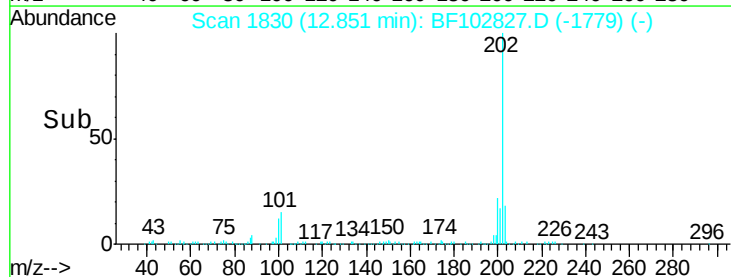
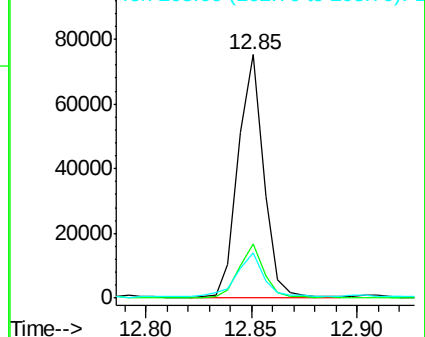
203 18.4 14.3 21.5

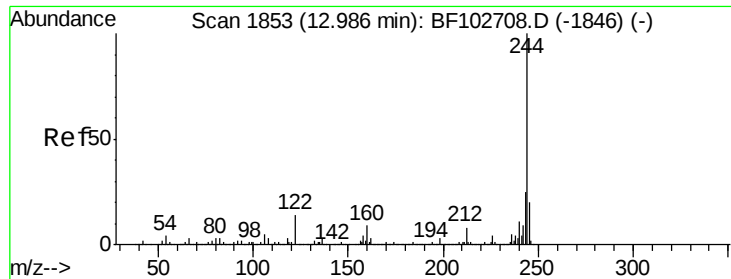


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 38.511 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102827.D

Acq: 7 Feb 2018 21:14

Instrument :

BNA_F

ClientSampleId :

B6

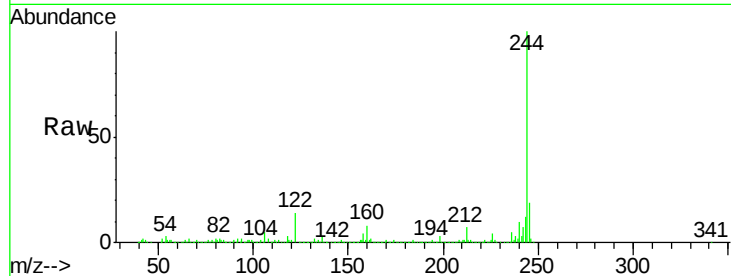
Tot Ion:244 Resp: 593704

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

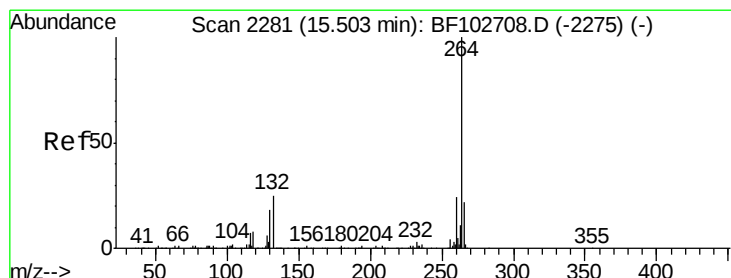
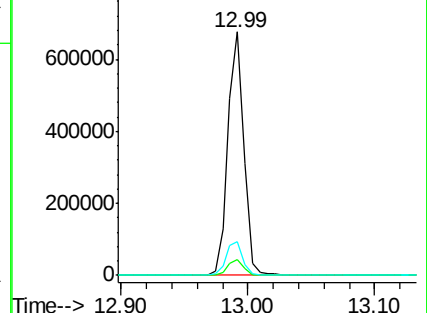
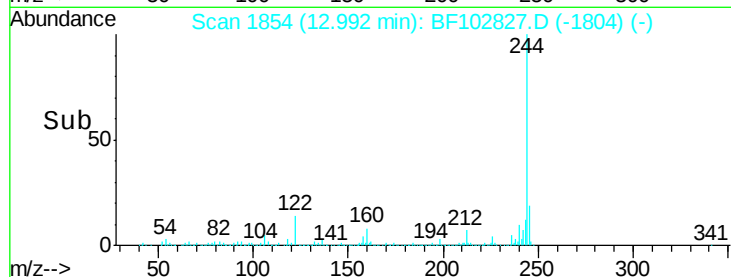
122 14.0 11.0 16.4



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: 15.53 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF102827.D

Acq: 7 Feb 2018 21:14

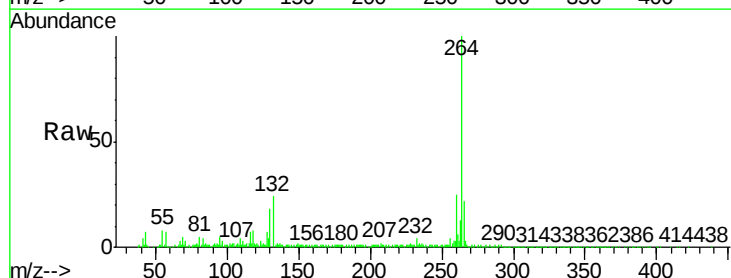
Tgt Ion:264 Resp: 311048

Ion Ratio Lower Upper

264 100

260 25.2 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

