

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085568.D
 Acq On : 19 Mar 2016 11:41
 Operator : UM/SJ
 Sample : H1804-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-9A

Quant Time: Mar 21 01:55:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

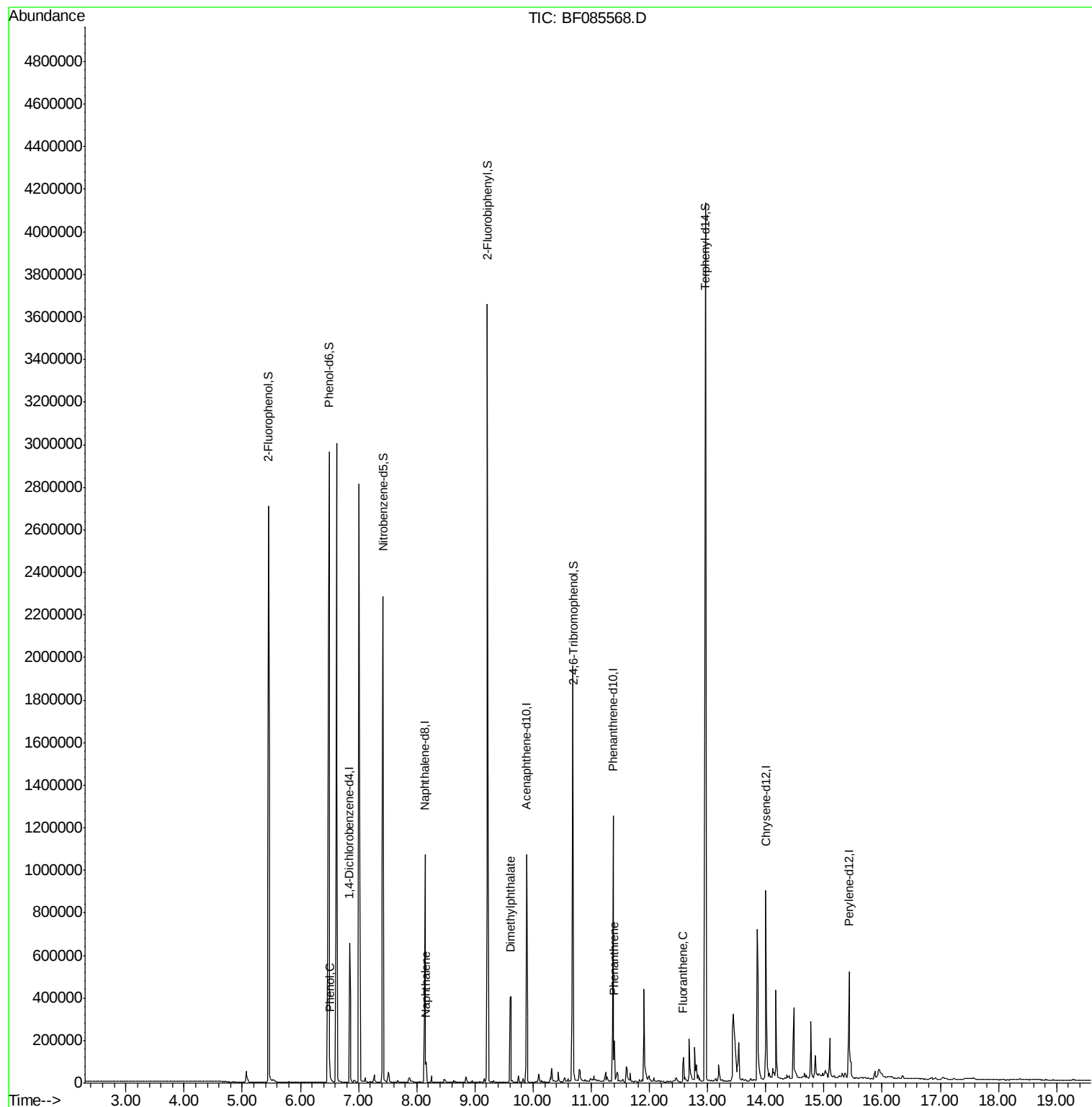
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121270	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	495059	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	214719	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	429858	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	301572	20.00	ng	-0.01
86) Perylene-d12	15.43	264	221613	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1144114	158.47	ng	0.00
7) Phenol-d6	6.49	99	1535847	165.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	866080	101.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	415756	197.67	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1436105	131.98	ng	-0.01
78) Terphenyl-d14	12.96	244	1396674	111.45	ng	0.00
Target Compounds						
10) Phenol	6.50	94	29040	2.75	ng	86
31) Naphthalene	8.16	128	51363	2.06	ng	97
49) Dimethylphthalate	9.61	163	263822	16.28	ng	98
70) Phenanthrene	11.40	178	68841	3.04	ng	98
74) Fluoranthene	12.58	202	54942	2.32	ng	90

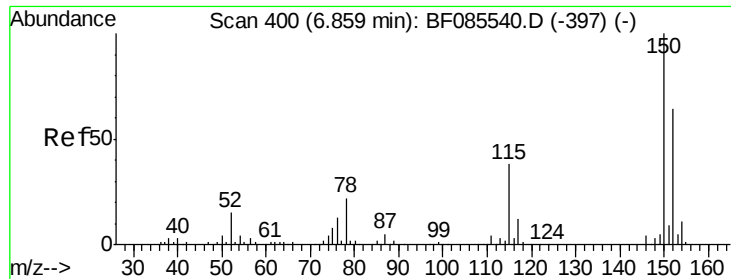
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9A

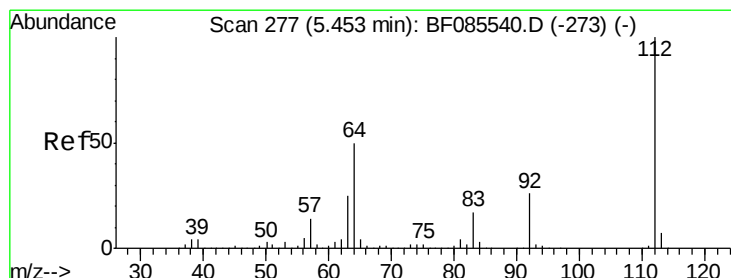
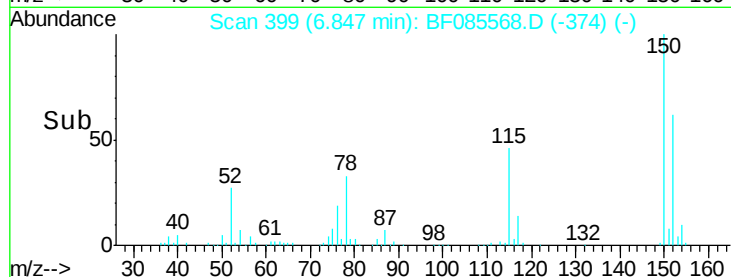
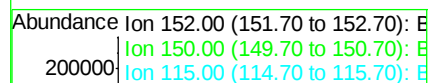
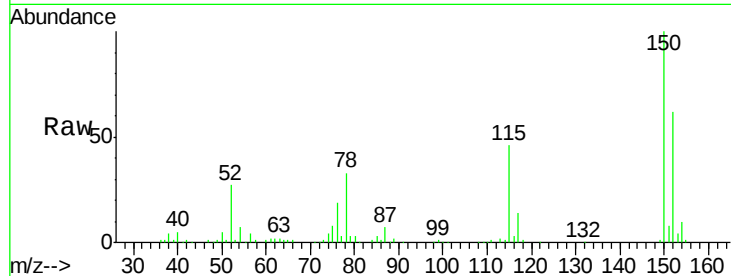
Tgt Ion:152 Resp: 121270

Ion Ratio Lower Upper

152 100

150 161.9 124.2 186.2

115 73.8 47.0 70.6#



#5

2-Fluorophenol

Concen: 158.47 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.00 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

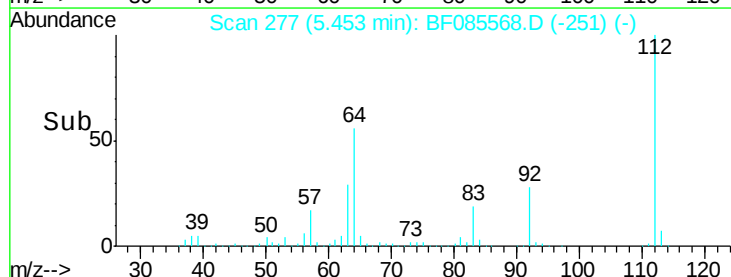
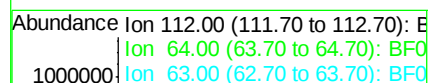
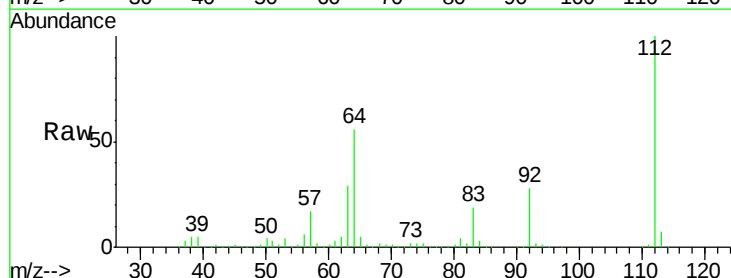
Tgt Ion:112 Resp: 1144114

Ion Ratio Lower Upper

112 100

64 56.3 39.9 59.9

63 28.5 20.2 30.2





#7

Phenol-d6

Concen: 165.86 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9A

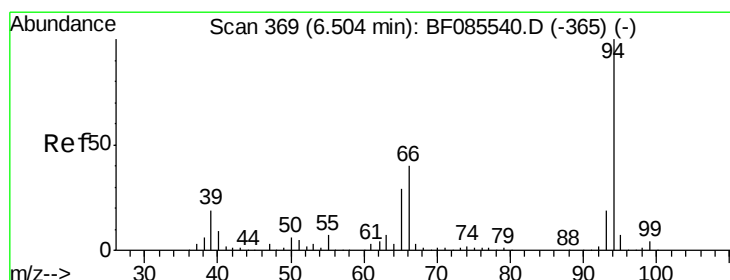
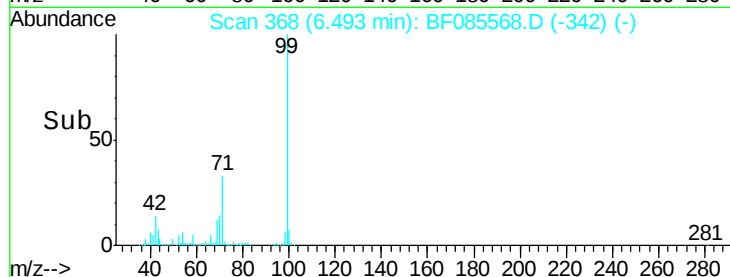
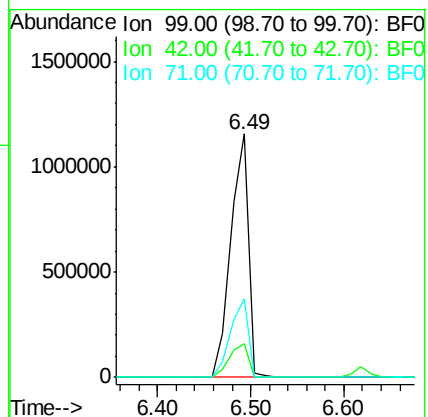
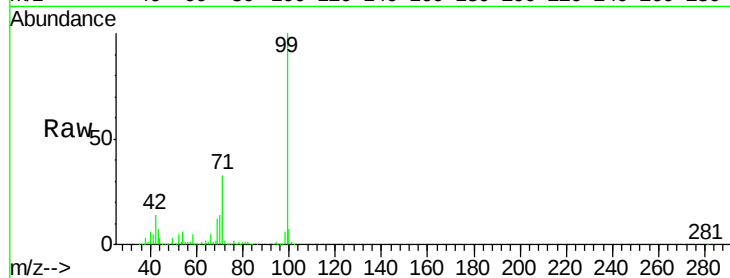
Tgt Ion: 99 Resp: 1535847

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

71 32.5 24.9 37.3



#10

Phenol

Concen: 2.75 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

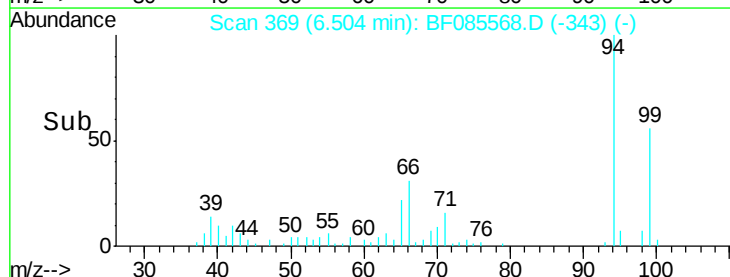
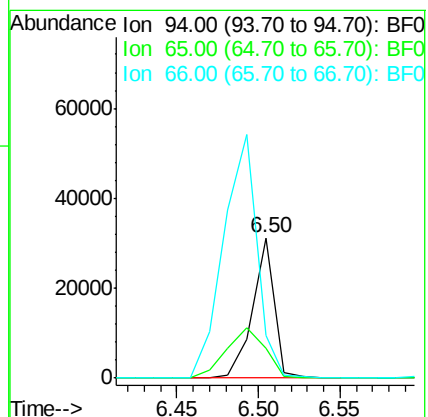
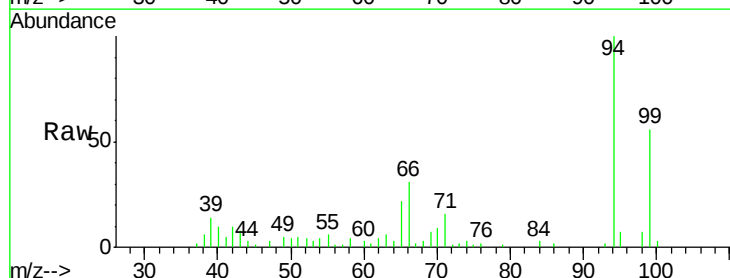
Tgt Ion: 94 Resp: 29040

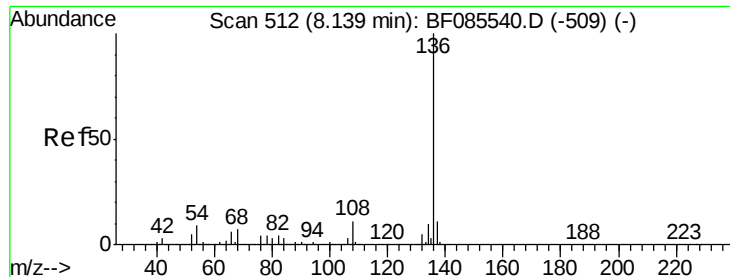
Ion Ratio Lower Upper

94 100

65 21.6 8.6 48.6

66 30.7 20.0 60.0

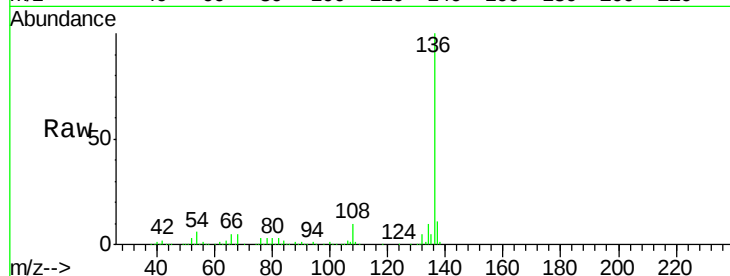




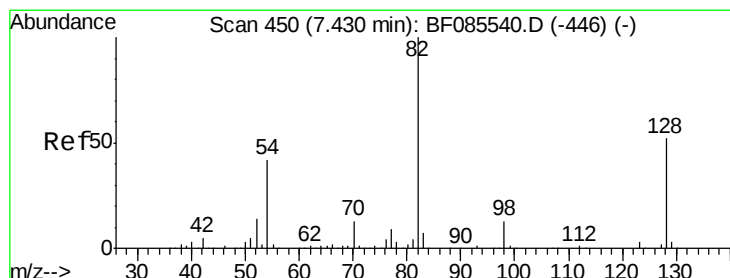
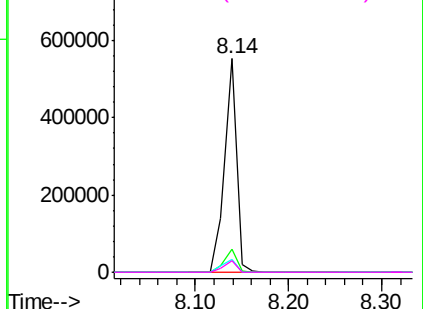
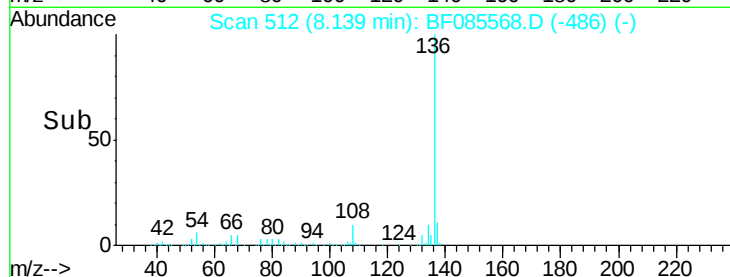
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085568.D
Acq: 19 Mar 2016 11:41

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9A

Tgt Ion:	136	Resp:	495059
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.1	7.4	11.0#
68	5.1	5.8	8.8#

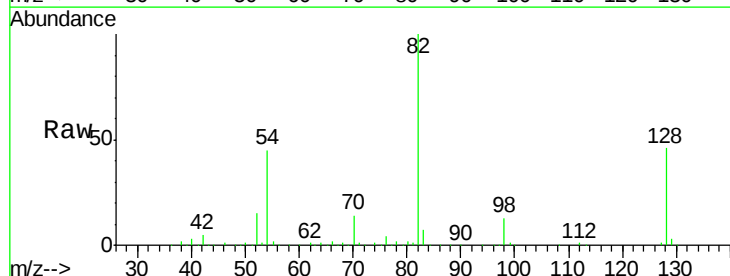


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

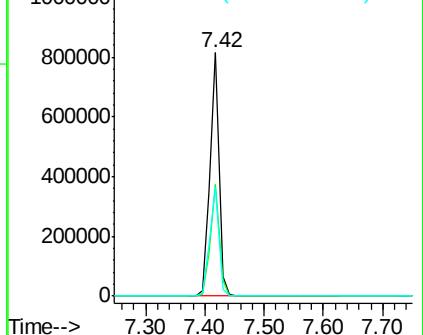
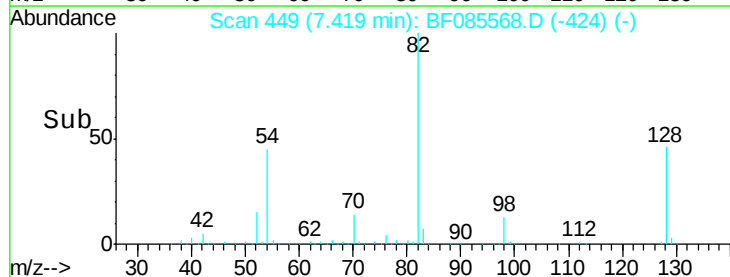


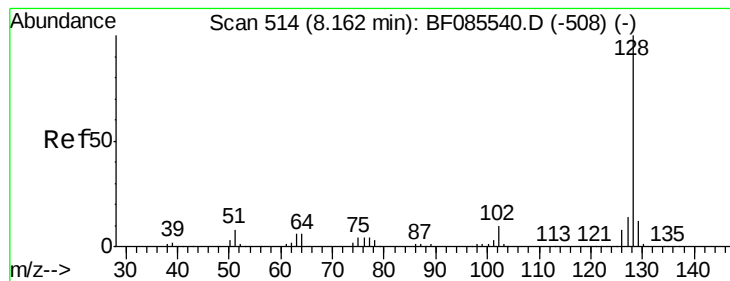
#23
Nitrobenzene-d5
Concen: 101.55 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085568.D
Acq: 19 Mar 2016 11:41

Tgt Ion:	82	Resp:	866080
Ion	Ratio	Lower	Upper
82	100		
128	45.9	41.8	62.8
54	44.9	33.4	50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.06 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9A

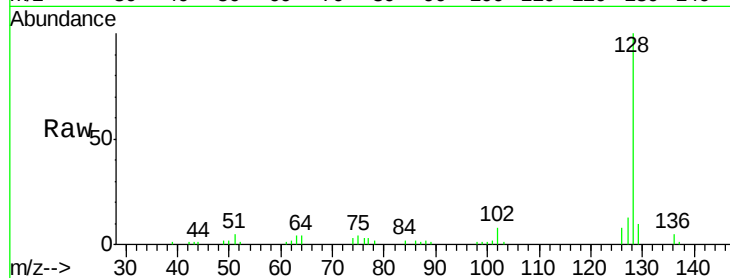
Tgt Ion:128 Resp: 51363

Ion Ratio Lower Upper

128 100

129 10.3 9.4 14.0

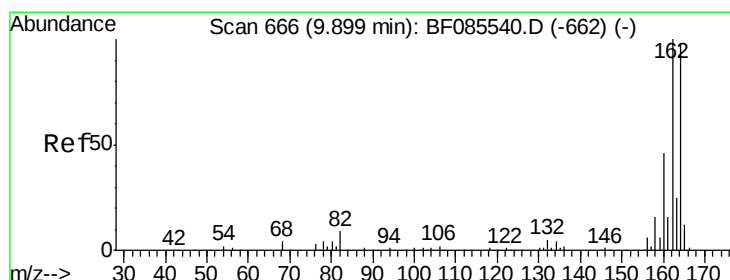
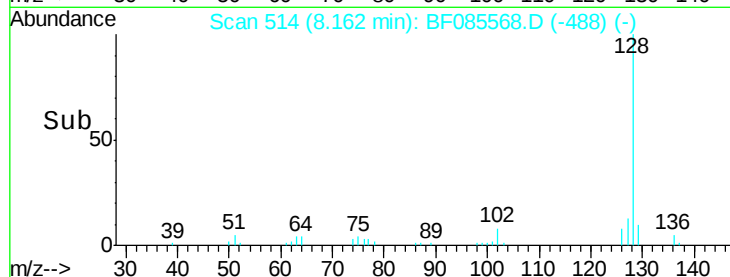
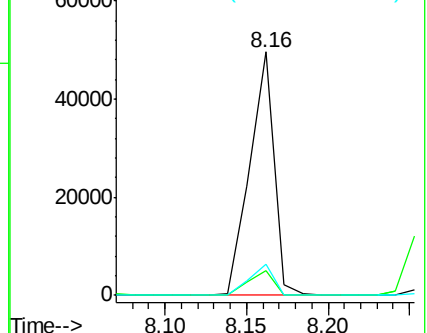
127 12.7 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

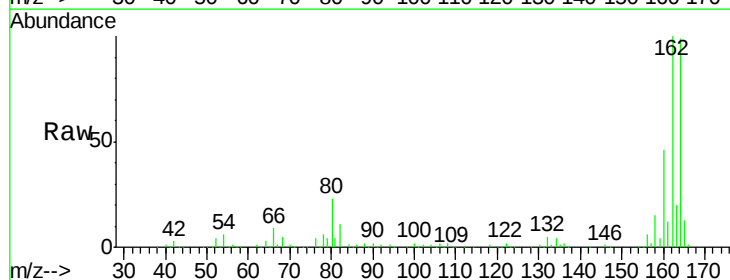
Tgt Ion:164 Resp: 214719

Ion Ratio Lower Upper

164 100

162 100.9 82.1 123.1

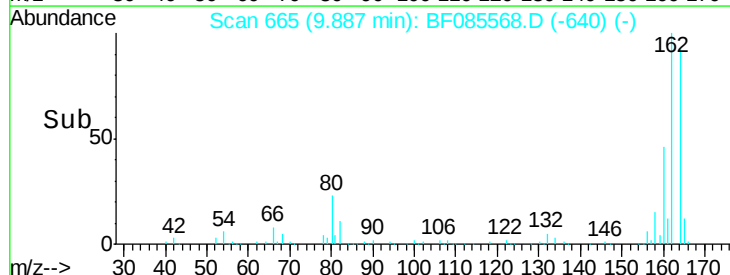
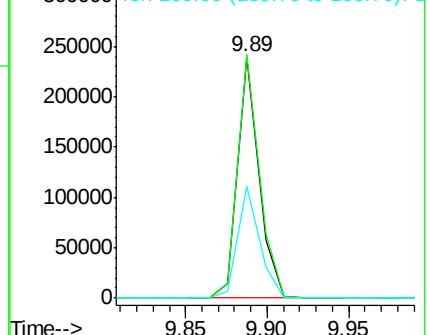
160 46.1 37.4 56.2

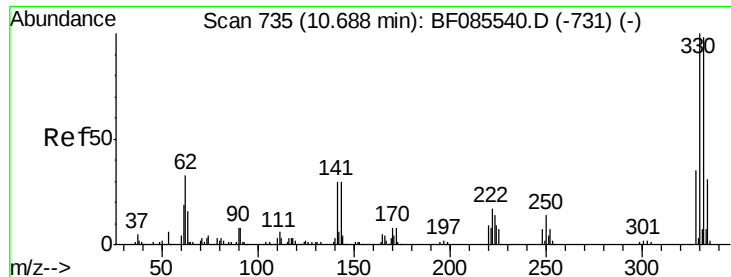


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

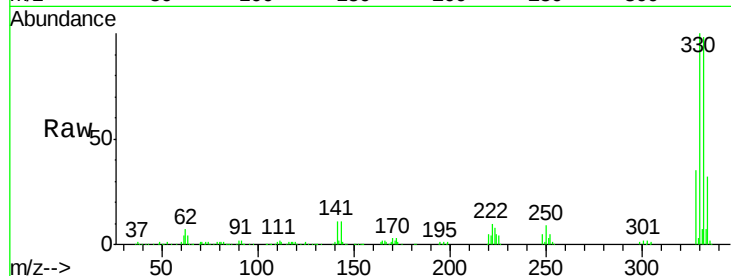




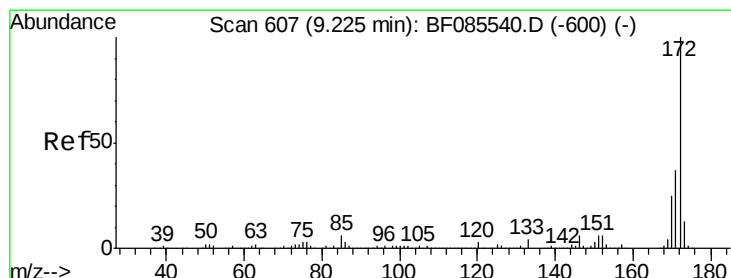
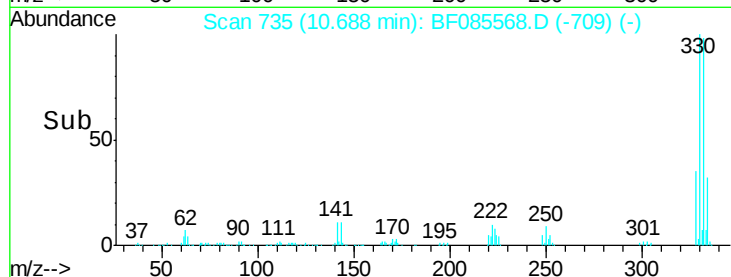
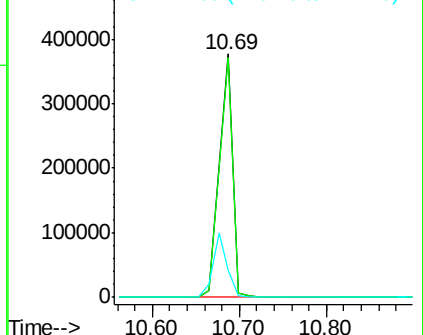
#41
 2,4,6-Tribromophenol
 Concen: 197.67 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085568.D
 Acq: 19 Mar 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-9A

Tgt Ion:330 Resp: 415756
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.2 117.2
 141 27.3 31.5 47.3#

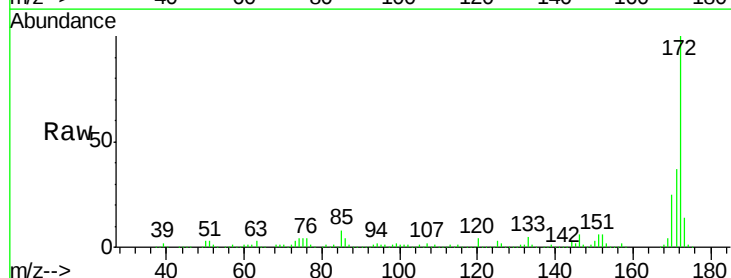


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

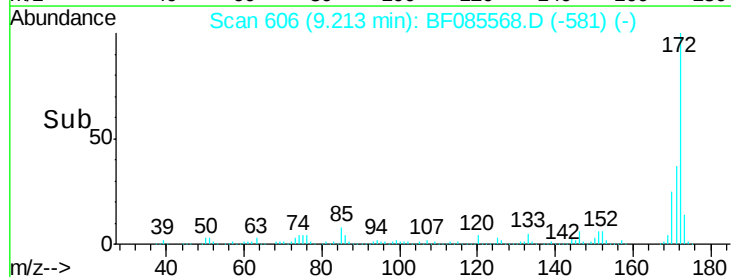
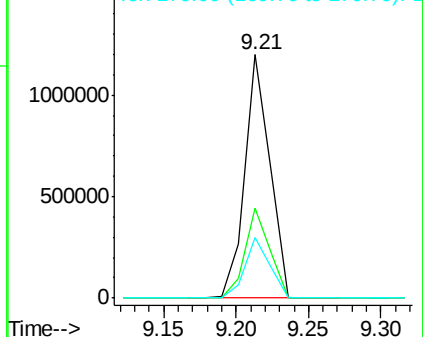


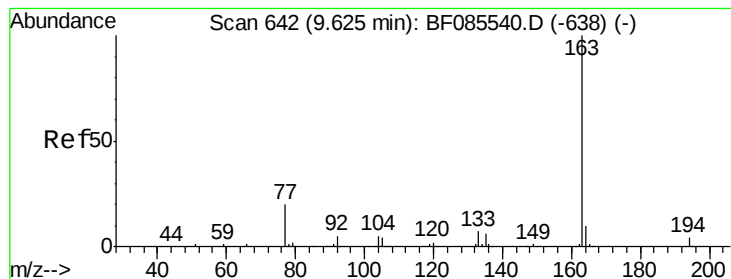
#44
 2-Fluorobiphenyl
 Concen: 131.98 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085568.D
 Acq: 19 Mar 2016 11:41

Tgt Ion:172 Resp: 1436105
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 24.8 19.8 29.6



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: 16.28 ng

RT: 9.61 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9A

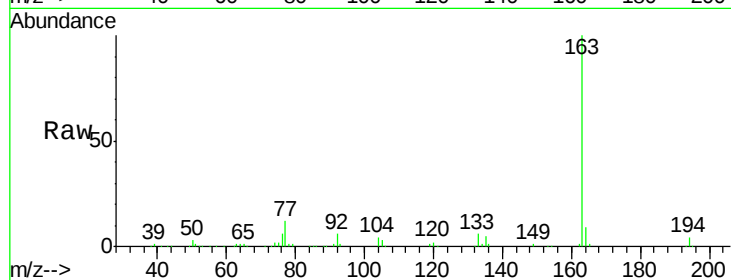
Tgt Ion:163 Resp: 263822

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

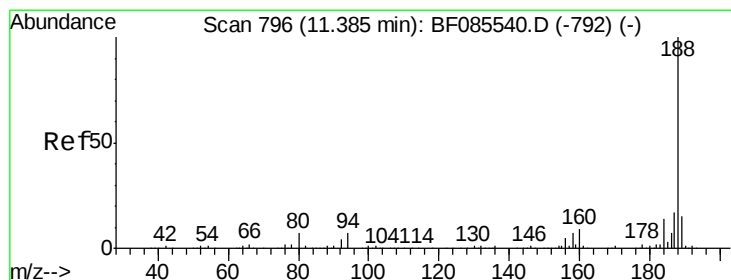
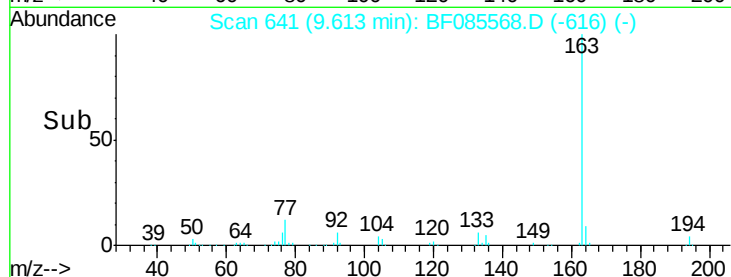
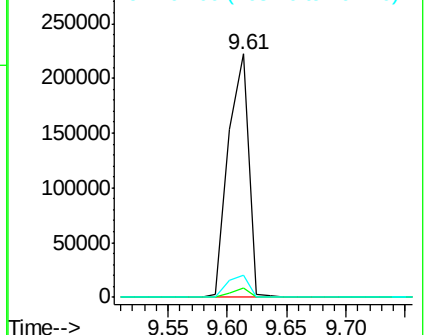
164 9.3 8.3 12.5



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: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

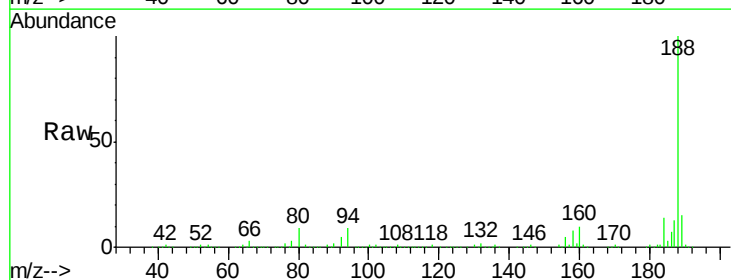
Tgt Ion:188 Resp: 429858

Ion Ratio Lower Upper

188 100

94 8.8 5.4 8.0#

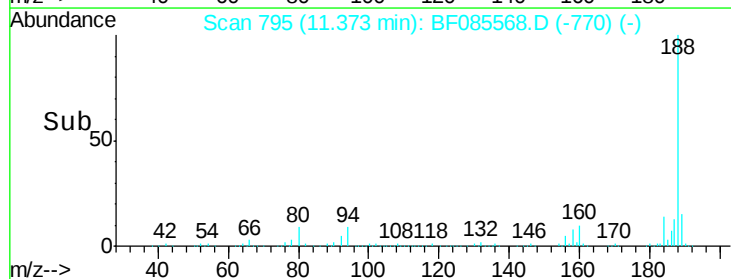
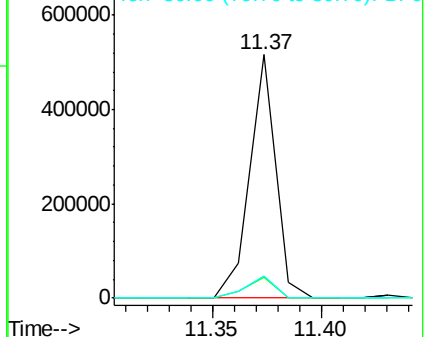
80 9.4 5.5 8.3#

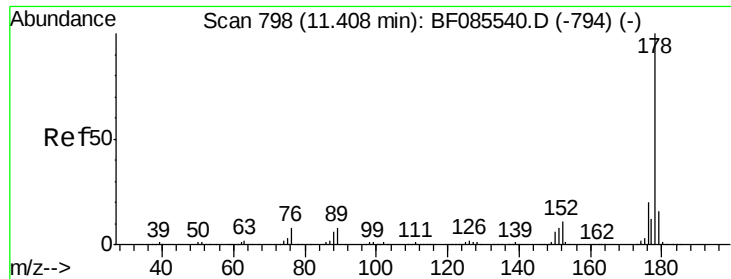


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

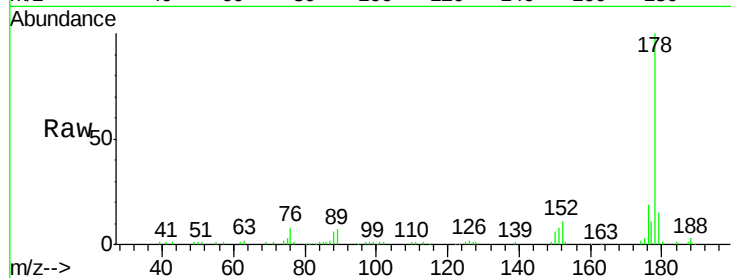




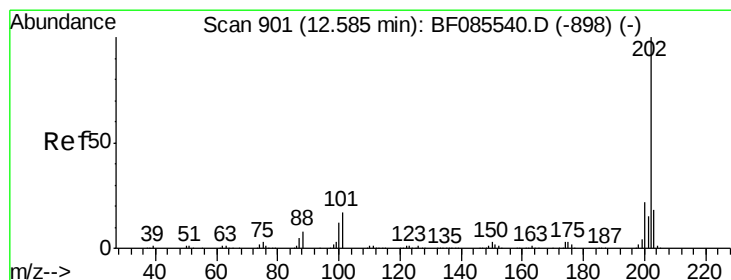
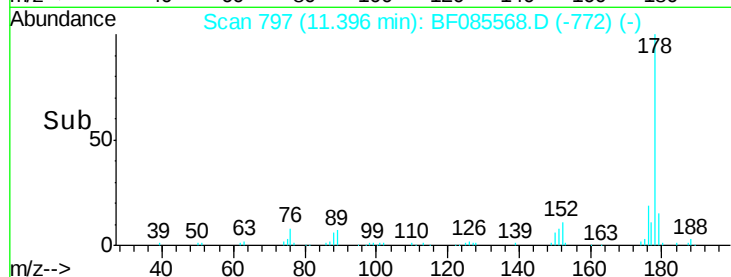
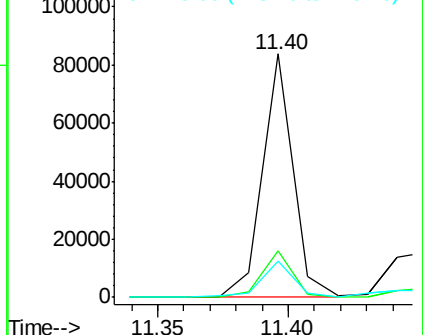
#70
Phenanthrene
Concen: 3.04 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF085568.D
Acq: 19 Mar 2016 11:41

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9A

Tgt Ion:178 Resp: 68841
Ion Ratio Lower Upper
178 100
176 19.0 16.3 24.5
179 15.0 12.6 18.8

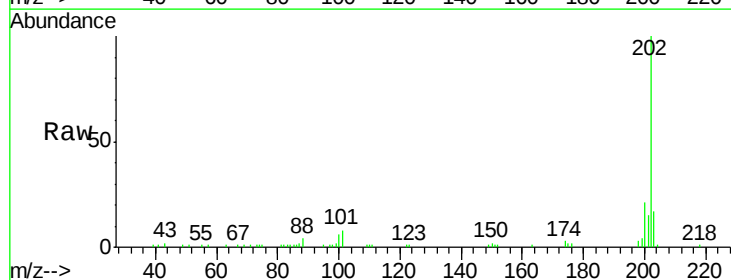


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

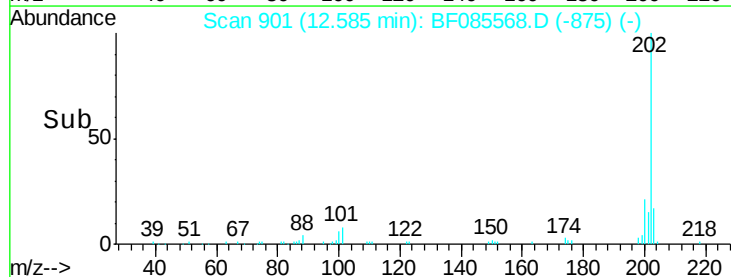
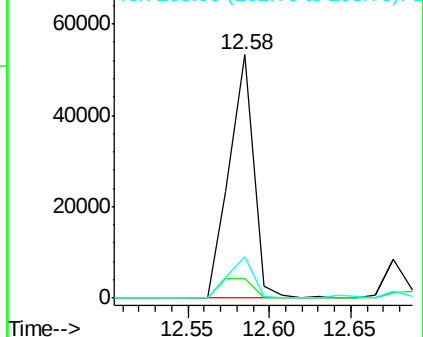


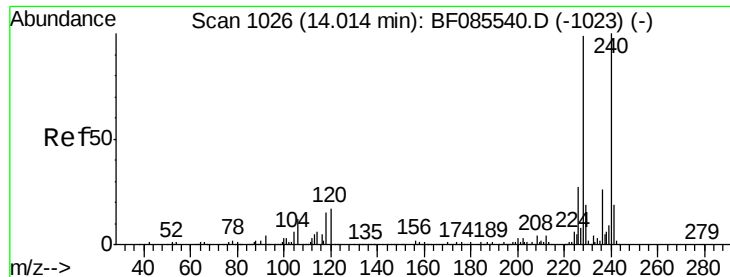
#74
Fluoranthene
Concen: 2.32 ng
RT: 12.58 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF085568.D
Acq: 19 Mar 2016 11:41

Tgt Ion:202 Resp: 54942
Ion Ratio Lower Upper
202 100
101 8.2 0.0 36.6
203 17.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9A

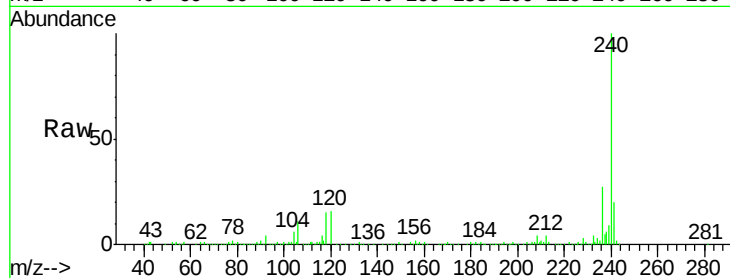
Tgt Ion:240 Resp: 301572

Ion Ratio Lower Upper

240 100

120 16.4 13.8 20.8

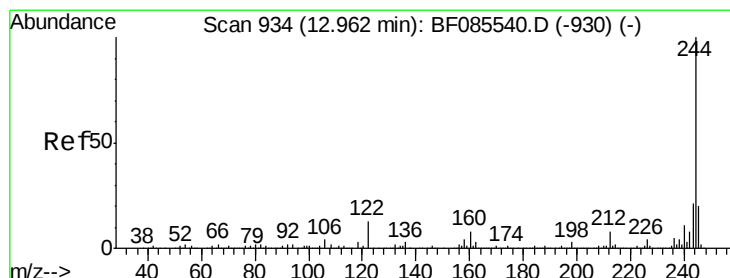
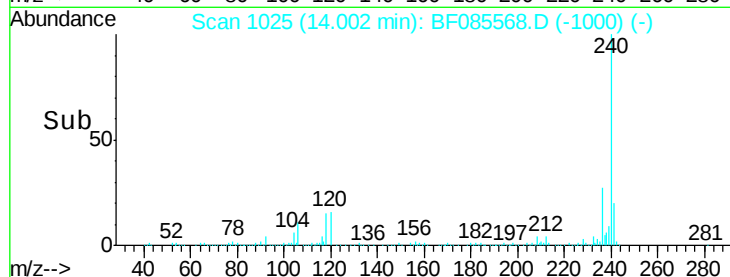
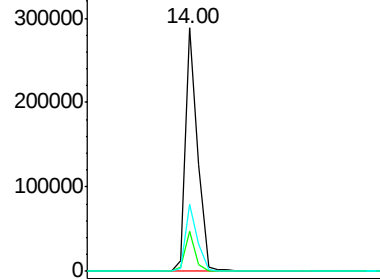
236 27.3 20.6 30.8



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: 111.45 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF085568.D

Acq: 19 Mar 2016 11:41

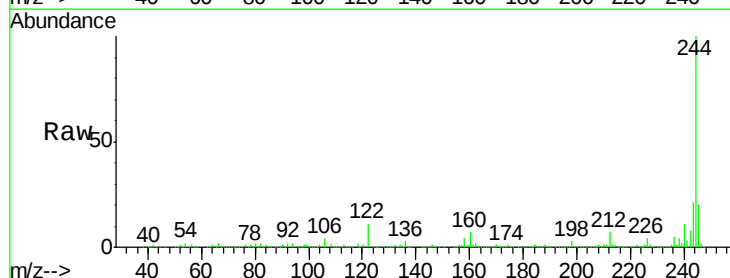
Tgt Ion:244 Resp: 1396674

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

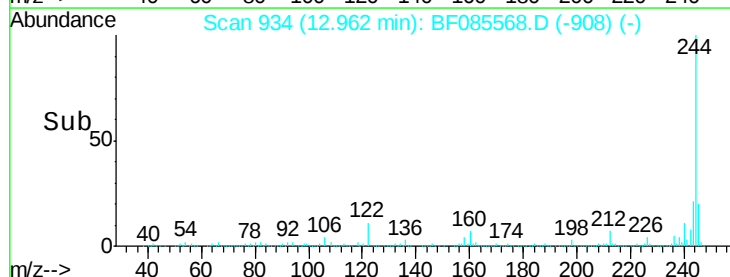
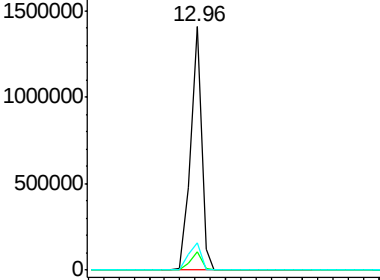
122 11.0 10.2 15.4

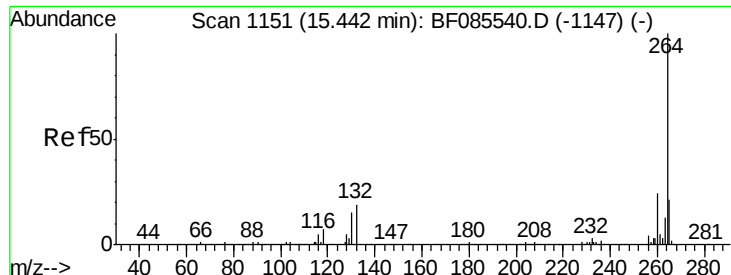


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085568.D
Acq: 19 Mar 2016 11:41

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.9	17.2	25.8

