

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085628.D
 Acq On : 21 Mar 2016 18:06
 Operator : UM/SJ
 Sample : H1816-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 22 01:46:49 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

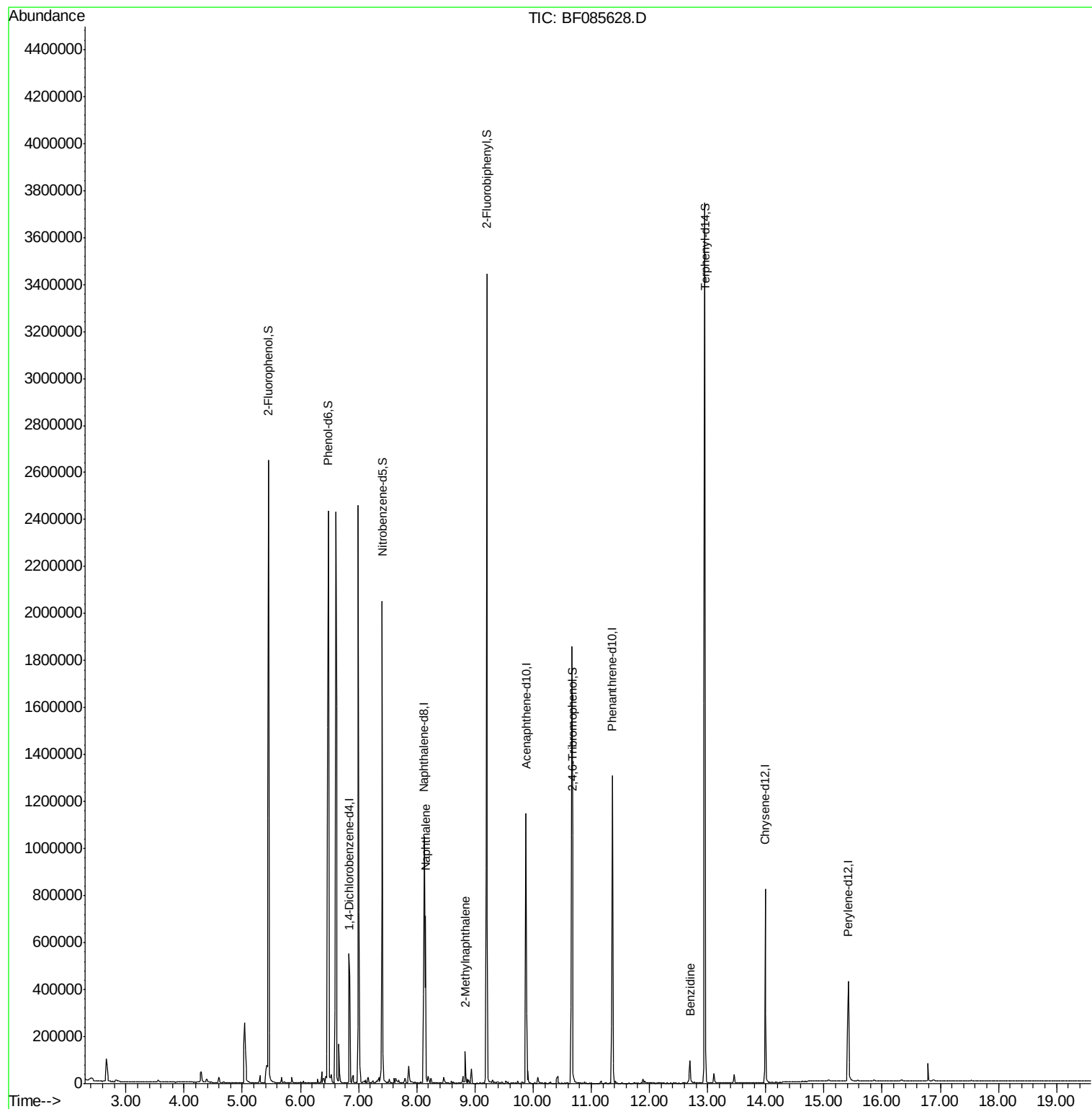
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118626	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	507229	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	227723	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	450813	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	297043	20.00	ng	-0.02
86) Perylene-d12	15.42	264	210061	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	855472	121.13	ng	0.00
7) Phenol-d6	6.48	99	1122763	123.95	ng	-0.01
23) Nitrobenzene-d5	7.41	82	742858	85.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	326653	146.44	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1205455	92.28	ng	-0.02
78) Terphenyl-d14	12.95	244	1284327	104.04	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.15	128	387392	15.13	ng	97
37) 2-Methylnaphthalene	8.84	142	37348	2.39	ng	98
76) Benzidine	12.70	184	49421	4.95	ng	98

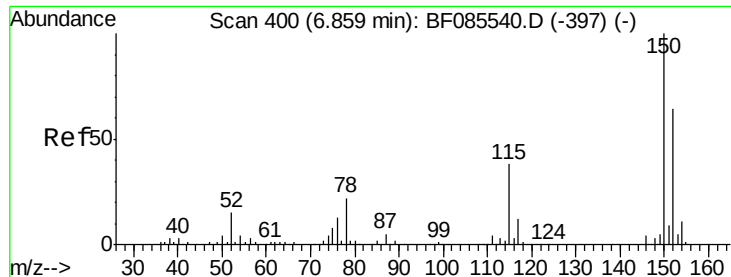
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085628.D

Acq: 21 Mar 2016 18:06

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9C

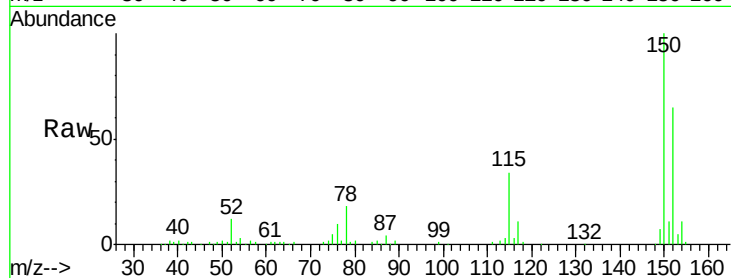
Tgt Ion:152 Resp: 118626

Ion Ratio Lower Upper

152 100

150 153.0 124.2 186.2

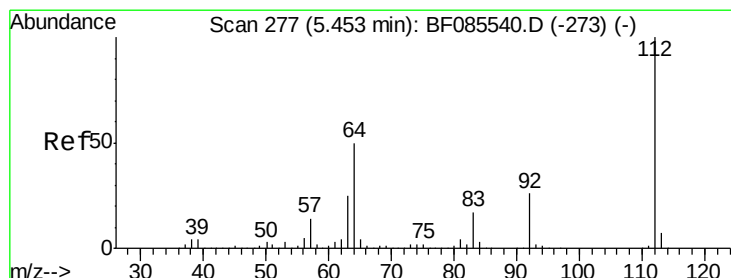
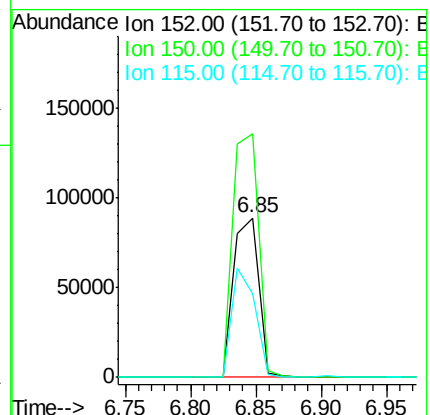
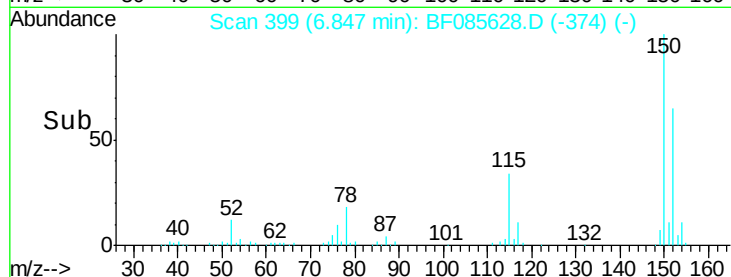
115 52.2 47.0 70.6



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: 121.13 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085628.D

Acq: 21 Mar 2016 18:06

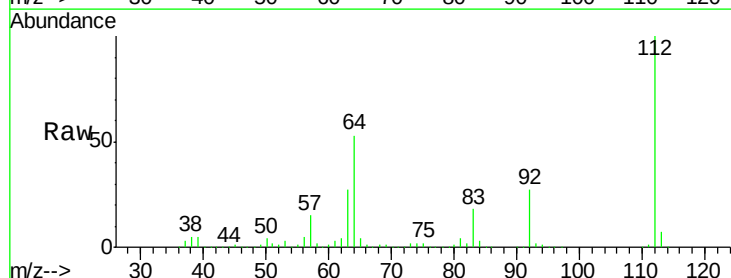
Tgt Ion:112 Resp: 855472

Ion Ratio Lower Upper

112 100

64 53.2 39.9 59.9

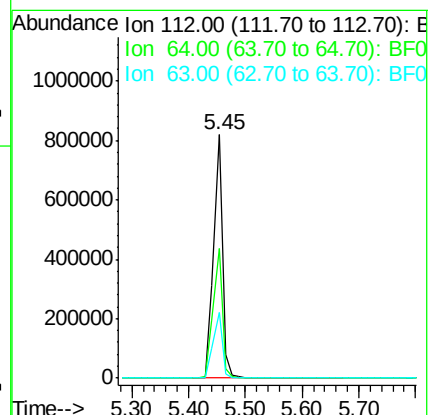
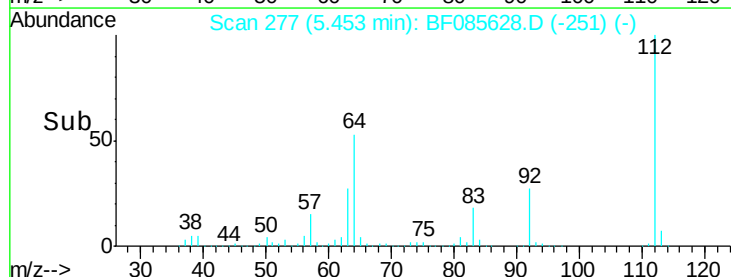
63 26.8 20.2 30.2

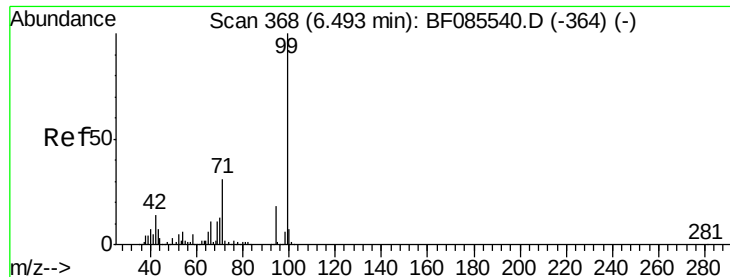


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.95 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085628.D

Acq: 21 Mar 2016 18:06

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9C

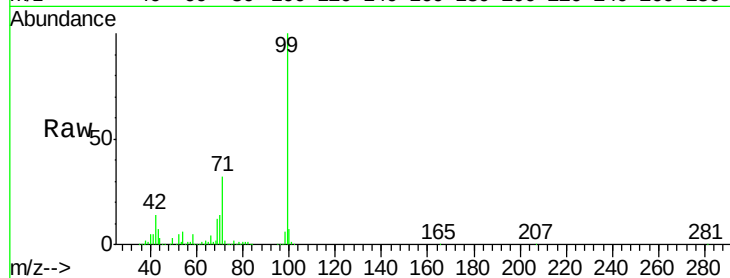
Tgt Ion: 99 Resp: 1122763

Ion Ratio Lower Upper

99 100

42 13.7 11.1 16.7

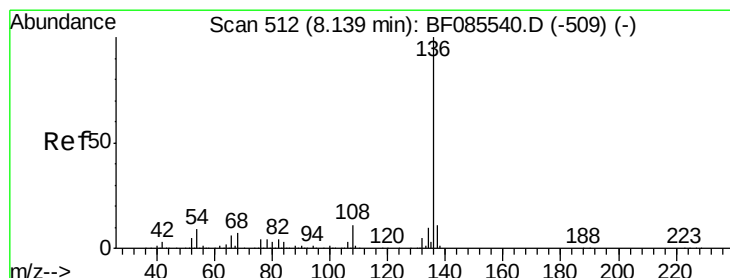
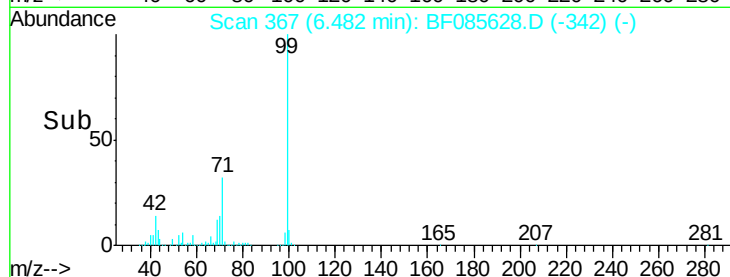
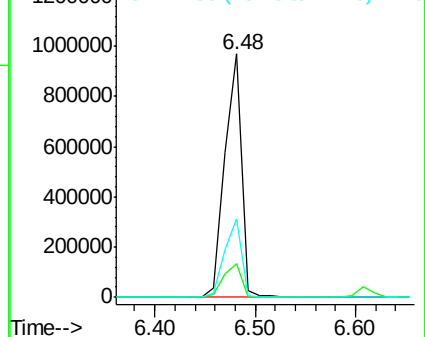
71 32.2 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085628.D

Acq: 21 Mar 2016 18:06

Tgt Ion: 136 Resp: 507229

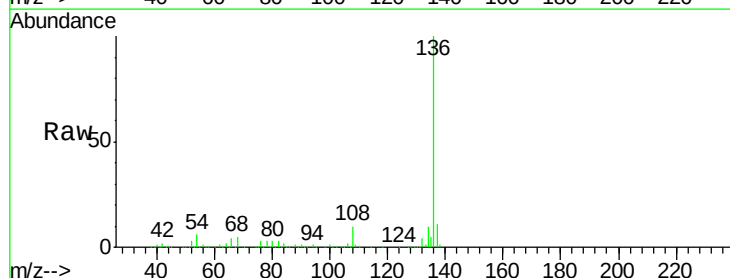
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.9 7.4 11.0#

68 5.2 5.8 8.8#

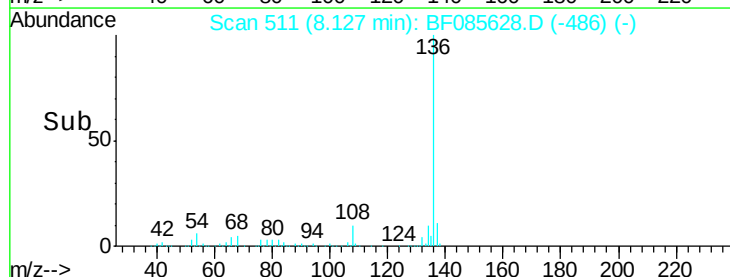
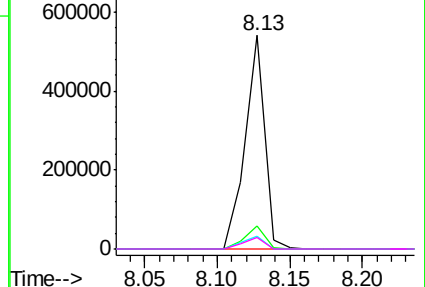


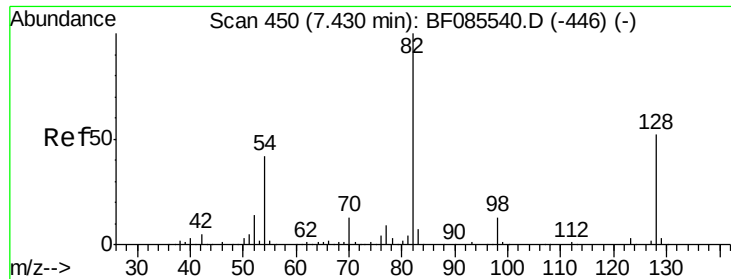
Abundance Ion 136.00 (135.70 to 136.70): E

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

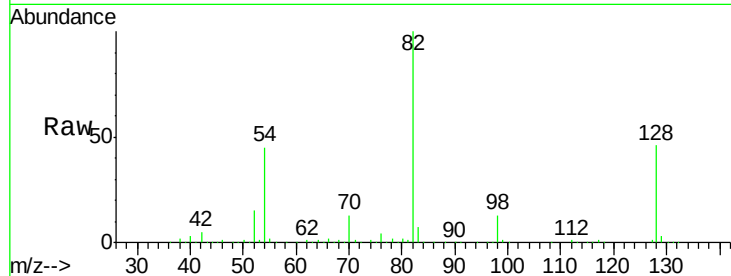




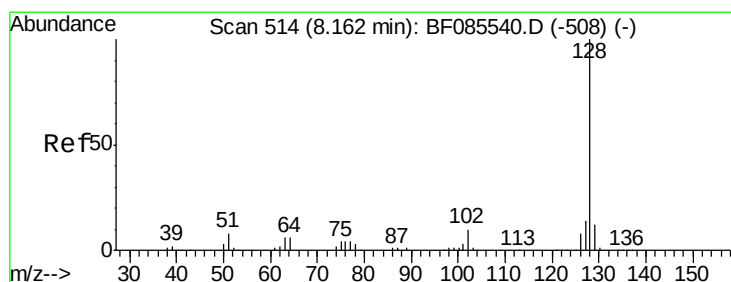
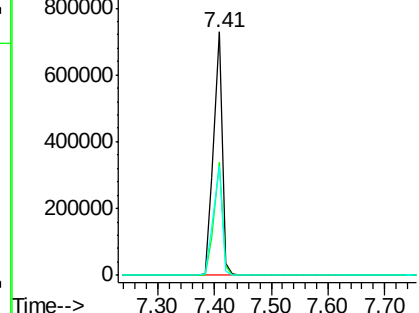
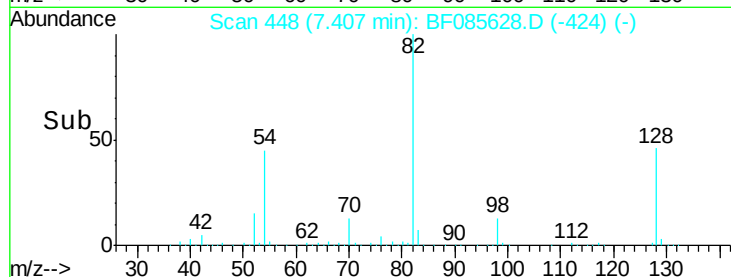
#23
 Nitrobenzene-d5
 Concen: 85.01 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085628.D
 Acq: 21 Mar 2016 18:06

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

Tgt Ion: 82 Resp: 742858
 Ion Ratio Lower Upper
 82 100
 128 46.2 41.8 62.8
 54 45.0 33.4 50.0

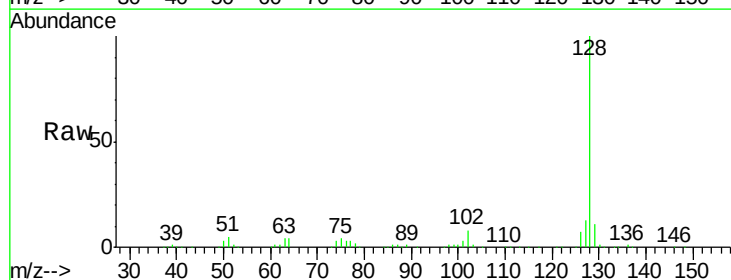


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

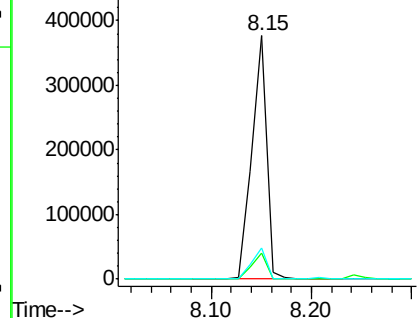
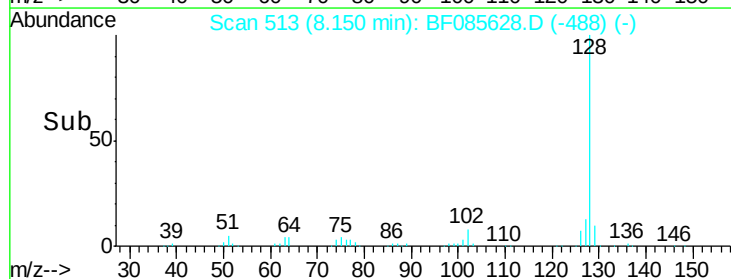


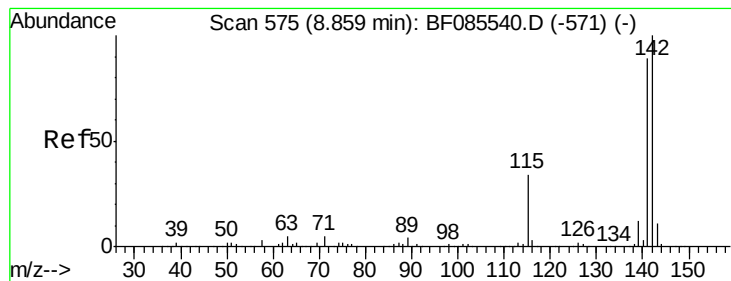
#31
 Naphthalene
 Concen: 15.13 ng
 RT: 8.15 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF085628.D
 Acq: 21 Mar 2016 18:06

Tgt Ion: 128 Resp: 387392
 Ion Ratio Lower Upper
 128 100
 129 10.8 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





#37

2-Methylnaphthalene

Concen: 2.39 ng

RT: 8.84 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF085628.D

Acq: 21 Mar 2016 18:06

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9C

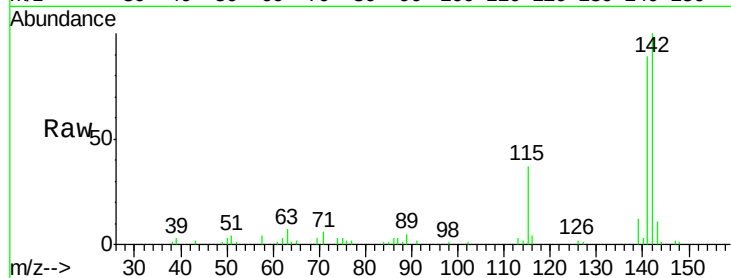
Tgt Ion:142 Resp: 37348

Ion Ratio Lower Upper

142 100

141 88.8 71.6 107.4

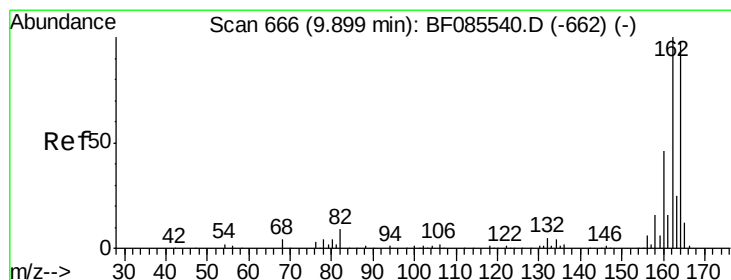
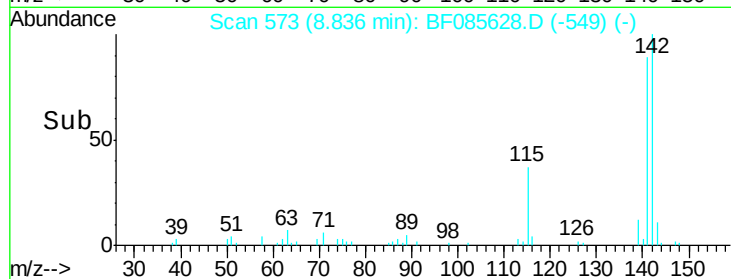
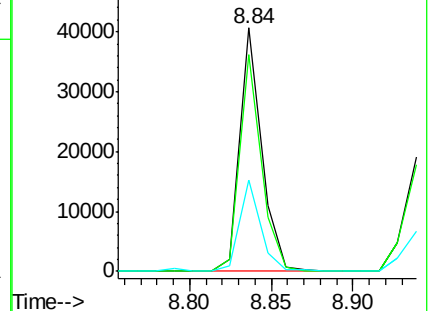
115 37.5 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085628.D

Acq: 21 Mar 2016 18:06

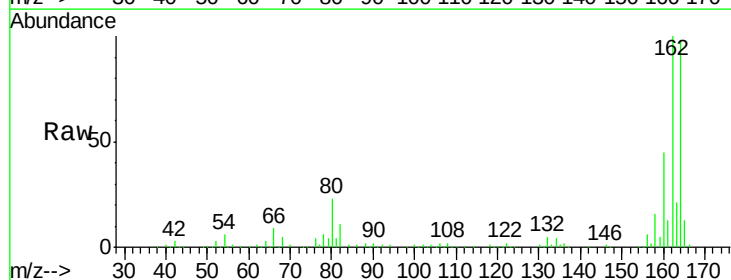
Tgt Ion:164 Resp: 227723

Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

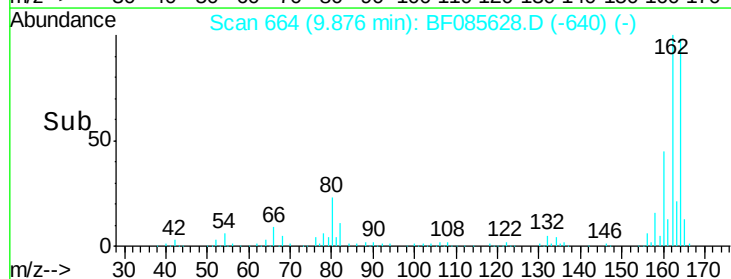
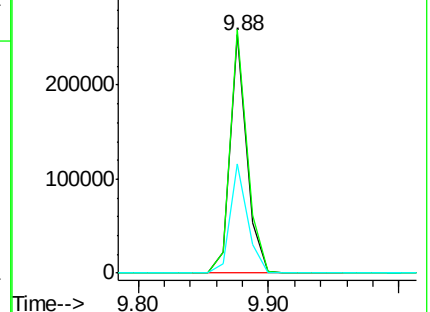
160 46.0 37.4 56.2

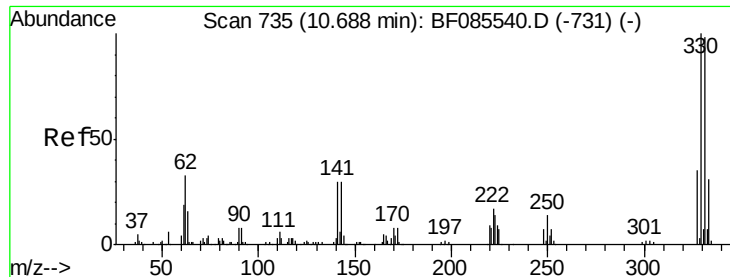


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

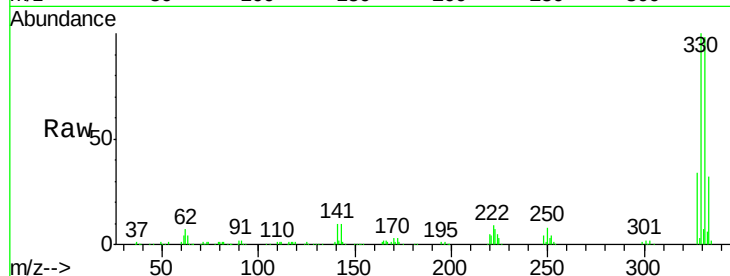




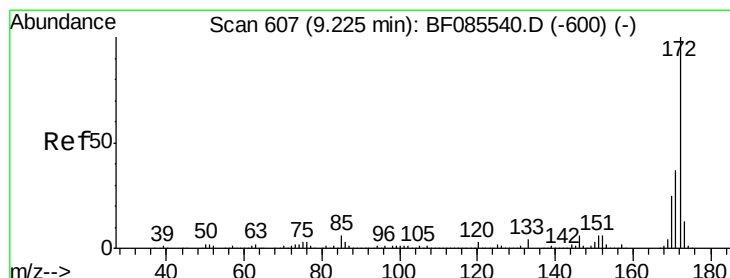
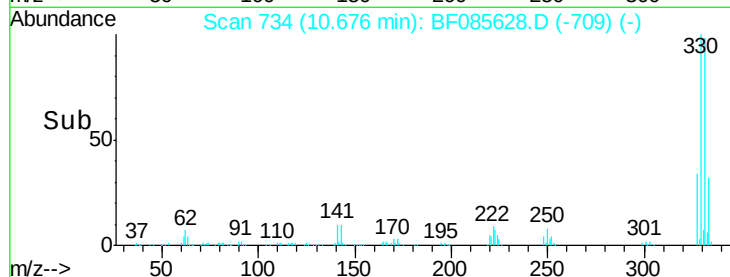
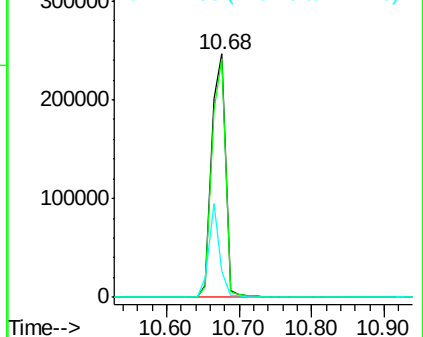
#41
 2,4,6-Tribromophenol
 Concen: 146.44 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085628.D
 Acq: 21 Mar 2016 18:06

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

Tgt Ion:330 Resp: 326653
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 30.9 31.5 47.3#

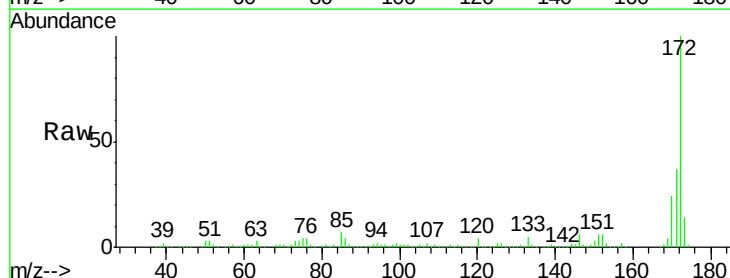


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

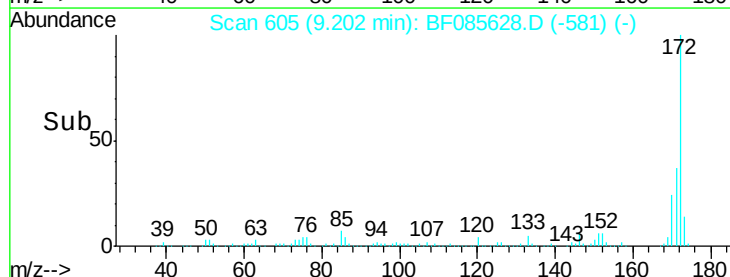
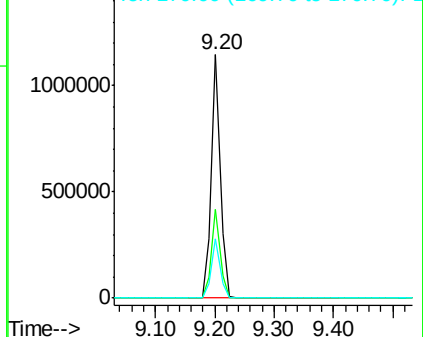


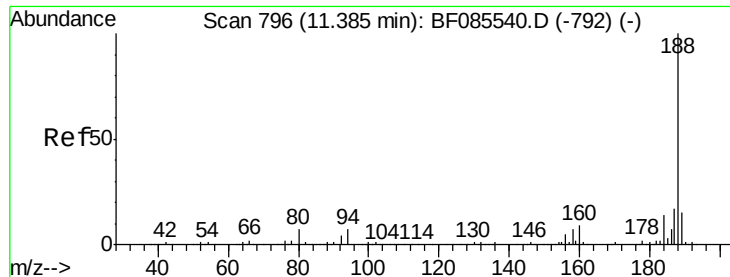
#44
 2-Fluorobiphenyl
 Concen: 92.28 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085628.D
 Acq: 21 Mar 2016 18:06

Tgt Ion:172 Resp: 1205455
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.5 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

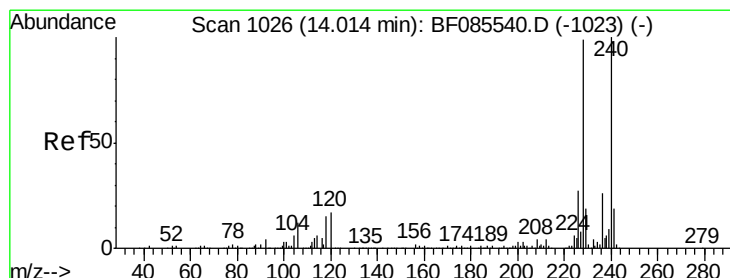
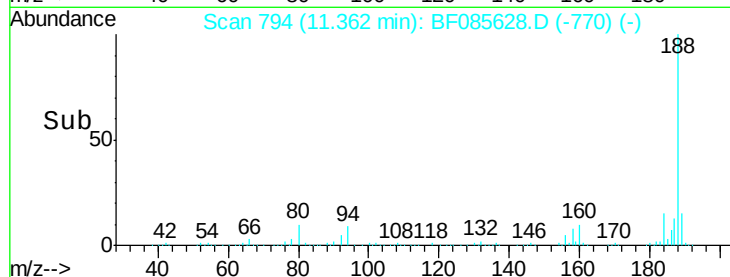
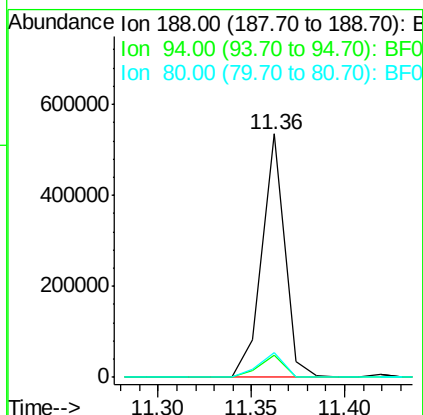
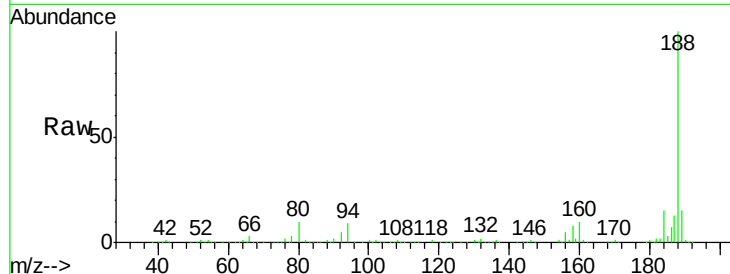




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

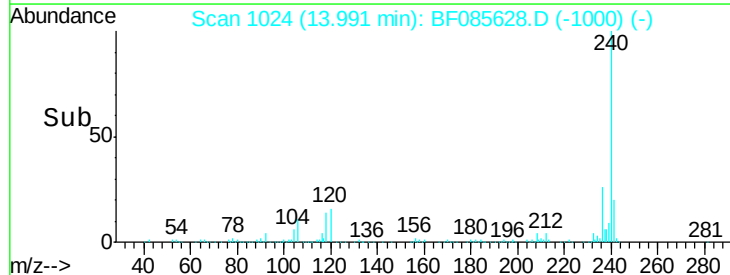
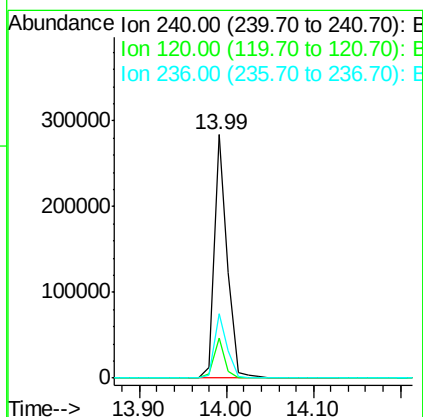
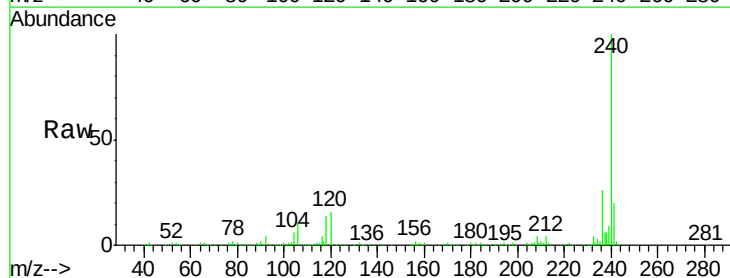
Instrument :
BNA_F
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TRACK-D-GRID-9C

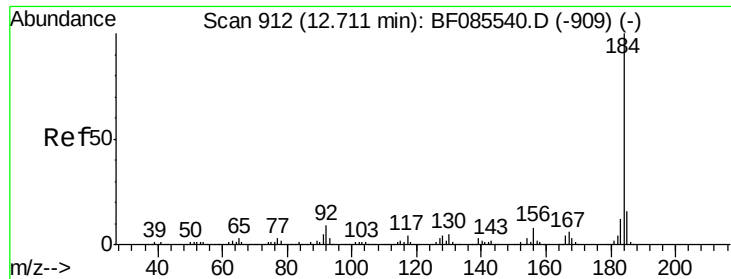
Tgt Ion:188 Resp: 450813
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 9.9 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion:240 Resp: 297043
Ion Ratio Lower Upper
240 100
120 16.3 13.8 20.8
236 26.2 20.6 30.8

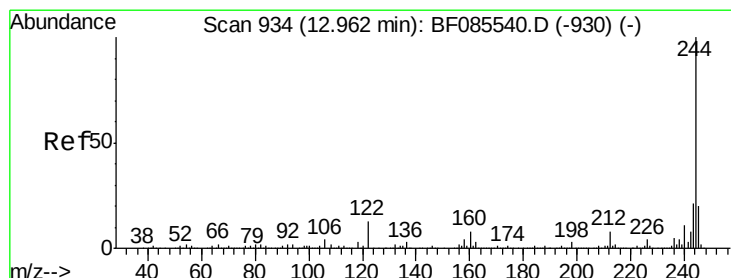
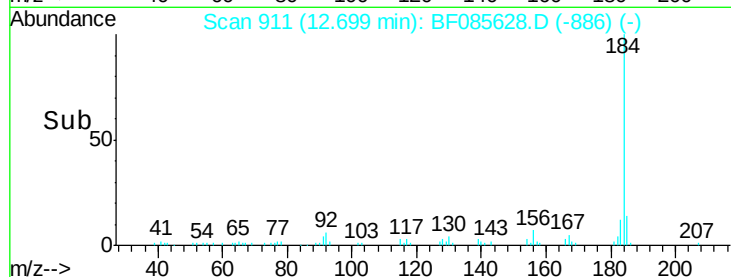
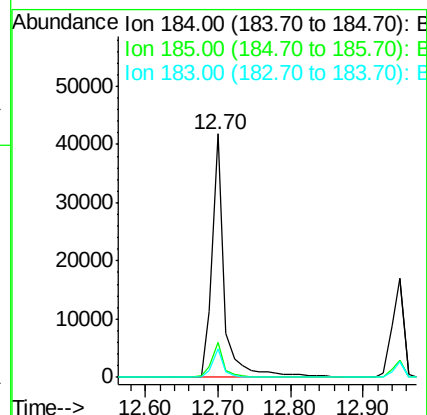
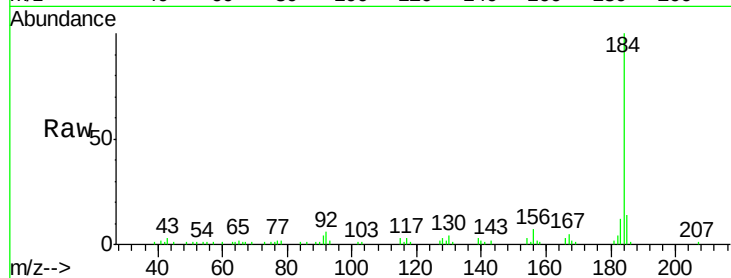




#76
Benzidine
Concen: 4.95 ng
RT: 12.70 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

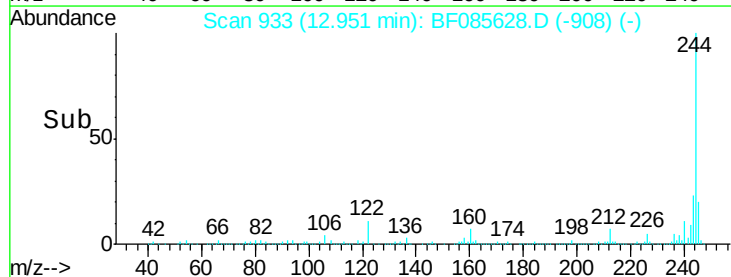
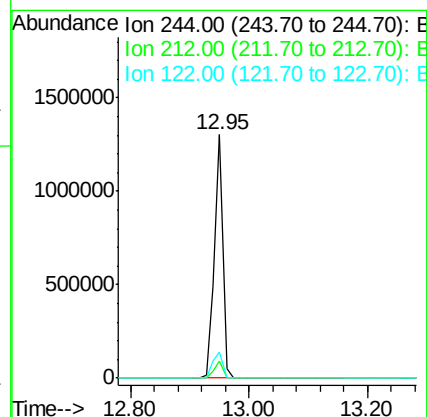
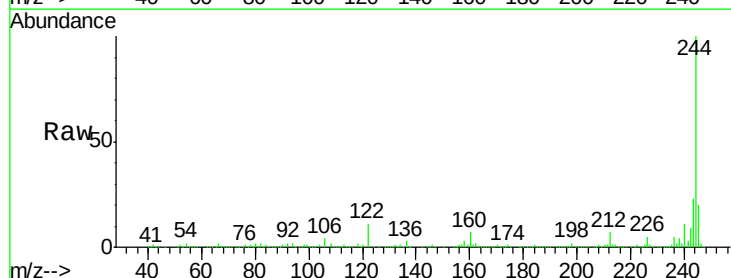
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9C

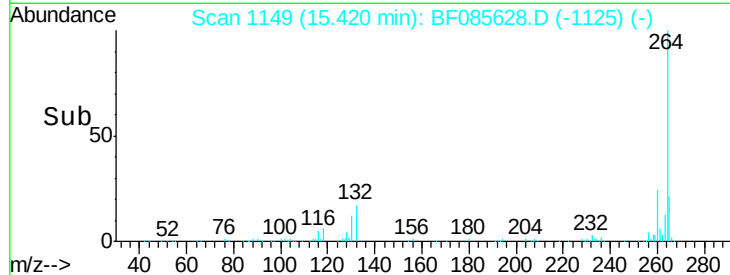
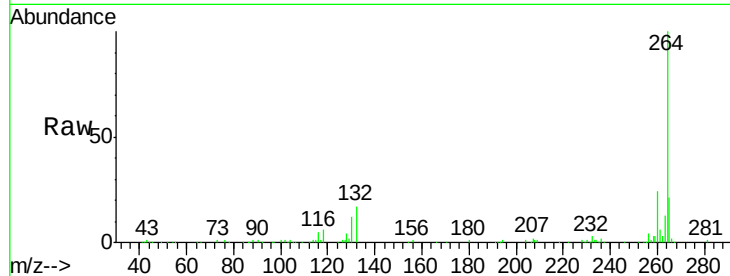
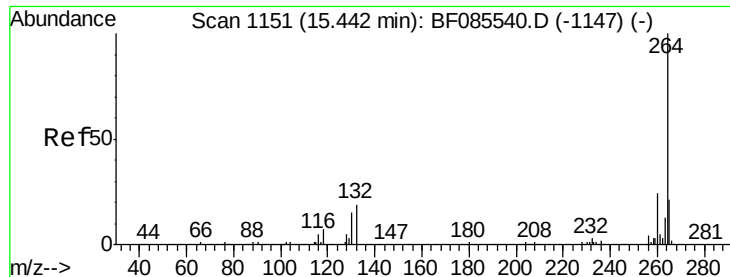
Tgt Ion:184 Resp: 49421
Ion Ratio Lower Upper
184 100
185 14.3 12.4 18.6
183 11.5 9.4 14.2



#78
Terphenyl-d14
Concen: 104.04 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

Tgt Ion:244 Resp: 1284327
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 10.5 10.2 15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085628.D
Acq: 21 Mar 2016 18:06

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

Tgt Ion:	264	Resp:	210061
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.4	29.2
265	21.2	17.2	25.8

