

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087511.D
 Acq On : 29 May 2016 9:26
 Operator : UM/SJ
 Sample : H3270-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7C

Quant Time: May 30 04:44:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 04:10:04 2016
 Response via : Initial Calibration

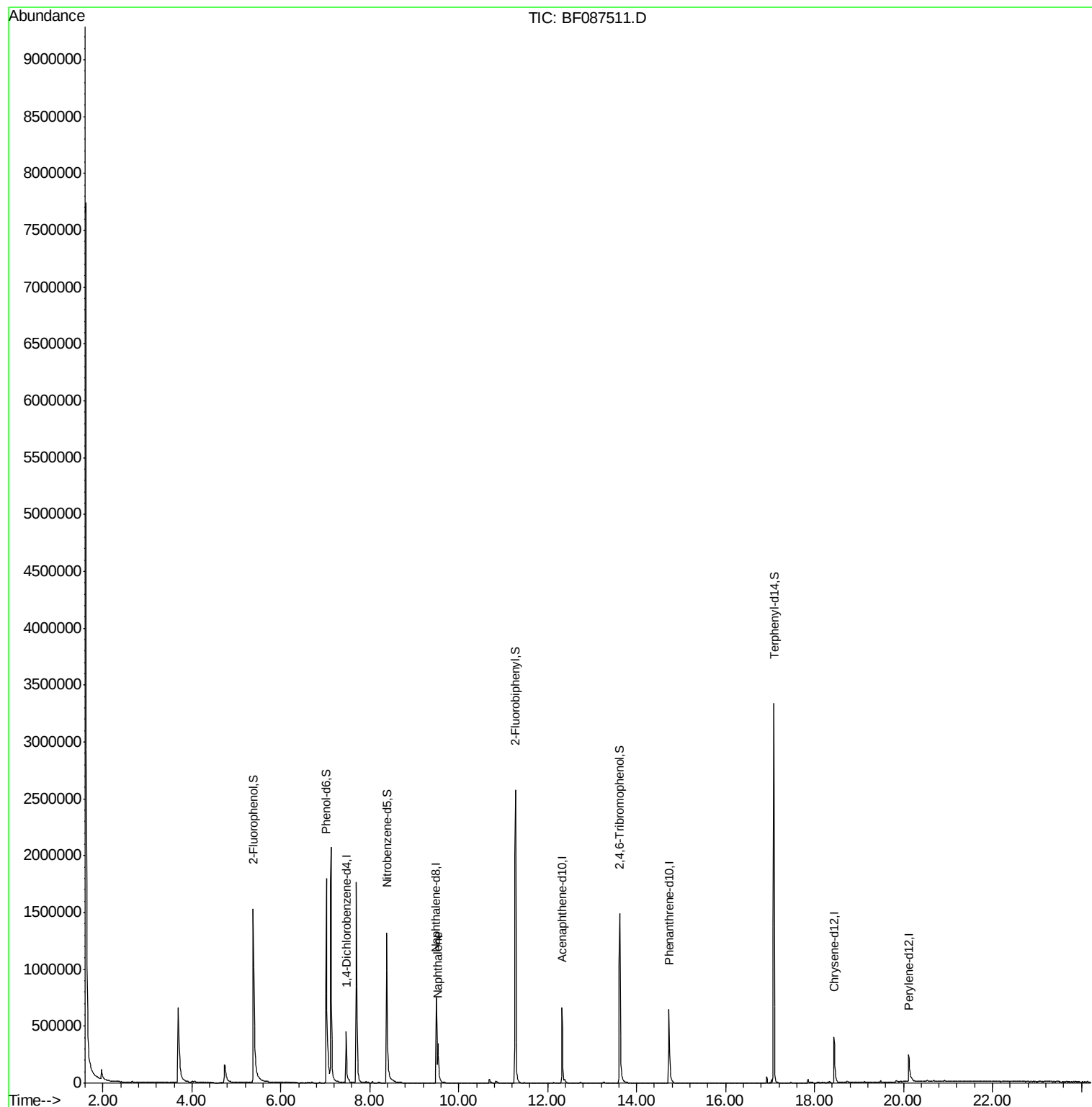
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	110297	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	439187	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	205285	20.00	ng	-0.01
63) Phenanthrene-d10	14.73	188	391627	20.00	ng	0.00
75) Chrysene-d12	18.43	240	282412	20.00	ng	0.00
86) Perylene-d12	20.11	264	202333	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	723201	115.21	ng	0.02
7) Phenol-d6	7.03	99	938497	110.65	ng	-0.01
23) Nitrobenzene-d5	8.39	82	722204	82.88	ng	-0.01
41) 2,4,6-Tribromophenol	13.62	330	253712	128.61	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1203508	82.65	ng	-0.01
78) Terphenyl-d14	17.09	244	1182045	88.98	ng	0.00
Target Compounds						
31) Naphthalene	9.53	128	288616	13.11	ng	Qvalue 99

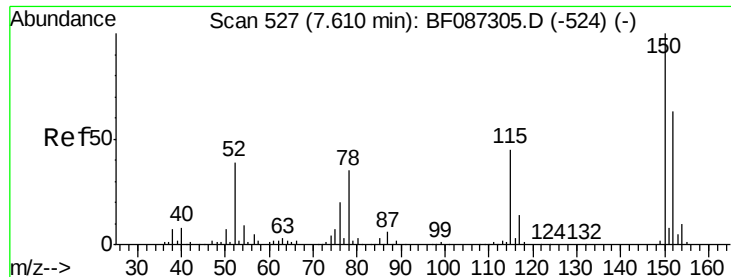
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087511.D

Acq: 29 May 2016 9:26

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7C

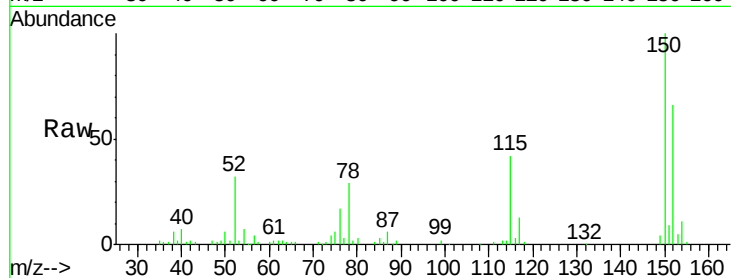
Tgt Ion:152 Resp: 110297

Ion Ratio Lower Upper

152 100

150 151.3 125.8 188.6

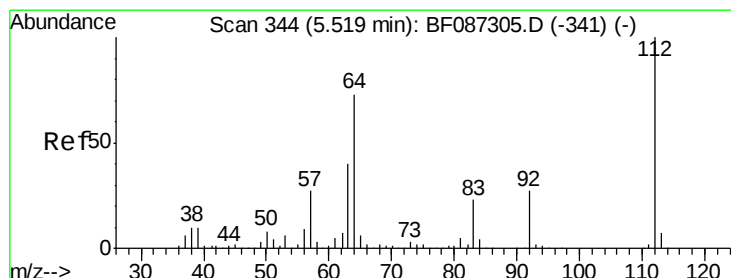
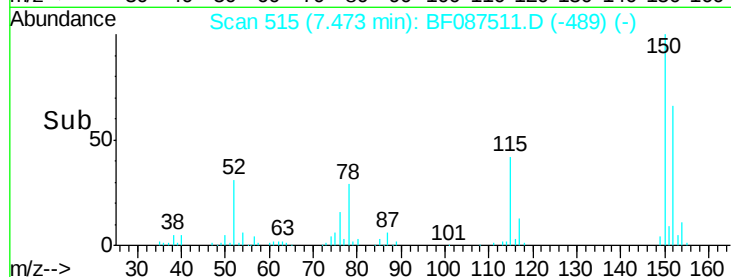
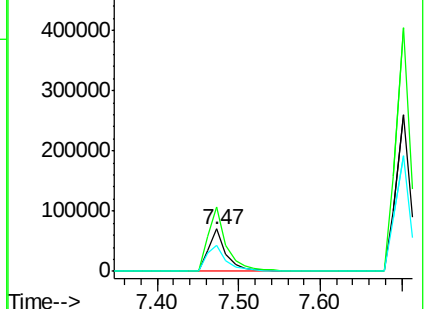
115 63.1 51.5 77.3



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: 115.21 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.02 min

Lab File: BF087511.D

Acq: 29 May 2016 9:26

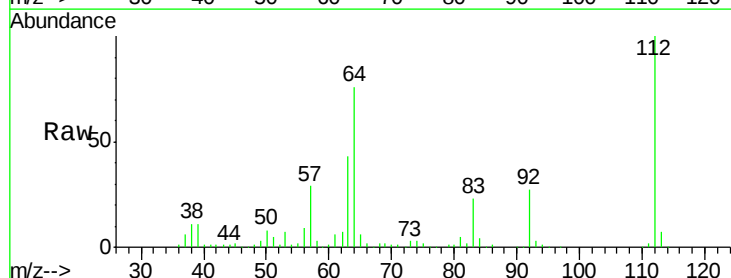
Tgt Ion:112 Resp: 723201

Ion Ratio Lower Upper

112 100

64 76.4 52.1 78.1

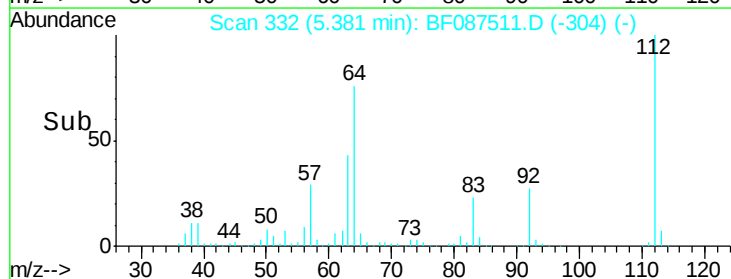
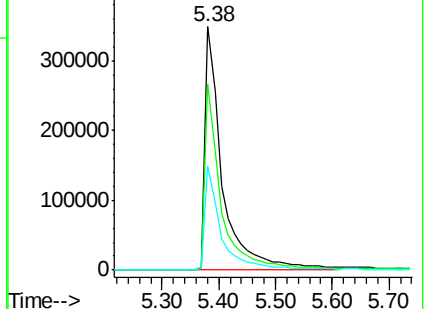
63 42.8 25.7 38.5#



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: 110.65 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087511.D

Acq: 29 May 2016 9:26

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7C

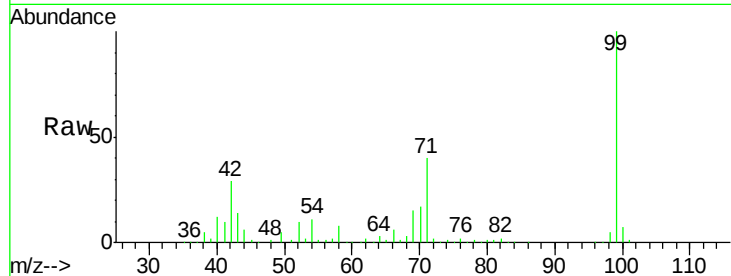
Tgt Ion: 99 Resp: 938497

Ion Ratio Lower Upper

99 100

42 29.1 13.6 20.4#

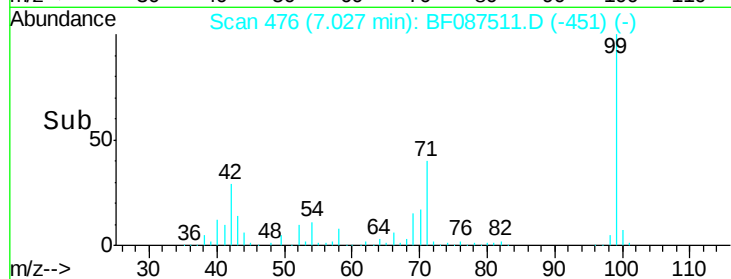
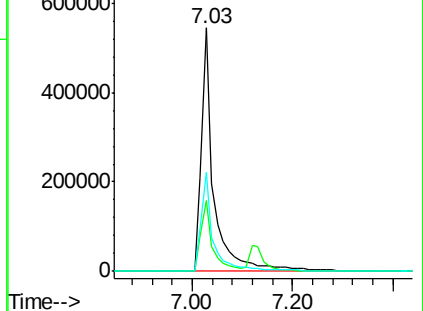
71 40.4 24.6 36.8#



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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087511.D

Acq: 29 May 2016 9:26

Tgt Ion: 136 Resp: 439187

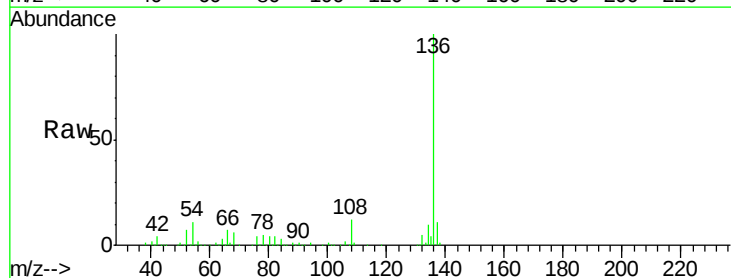
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.3 5.0 7.4#

68 5.6 4.4 6.6

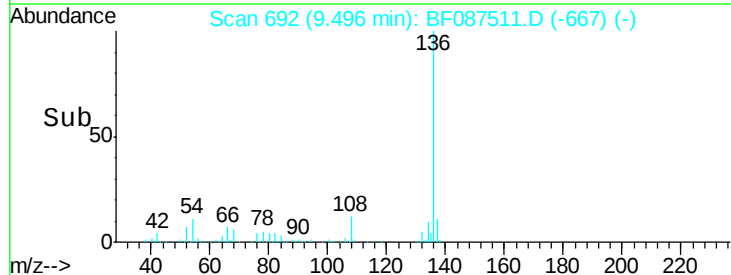
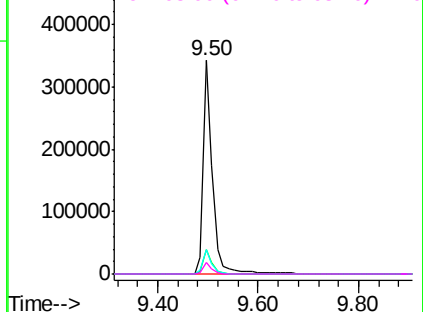


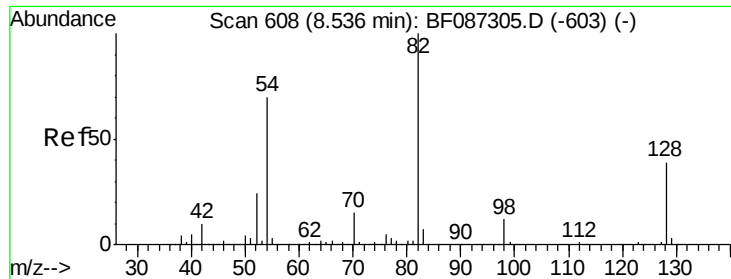
Abundance Ion 136.00 (135.70 to 136.70): E

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

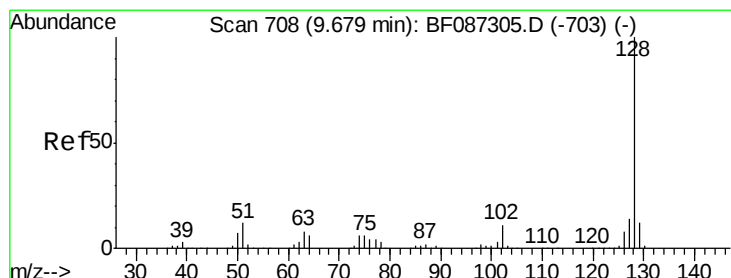
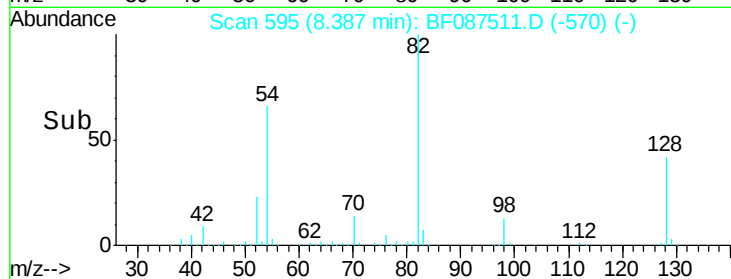
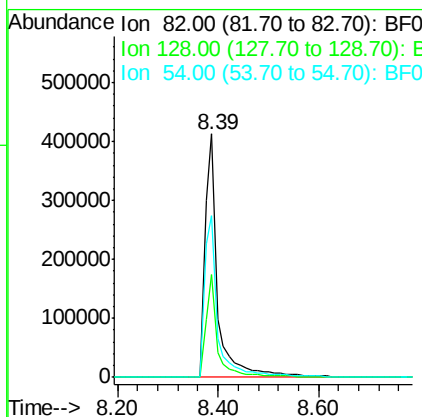
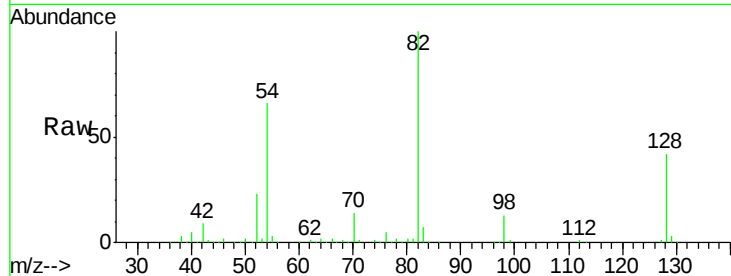




#23
 Nitrobenzene-d5
 Concen: 82.88 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087511.D
 Acq: 29 May 2016 9:26

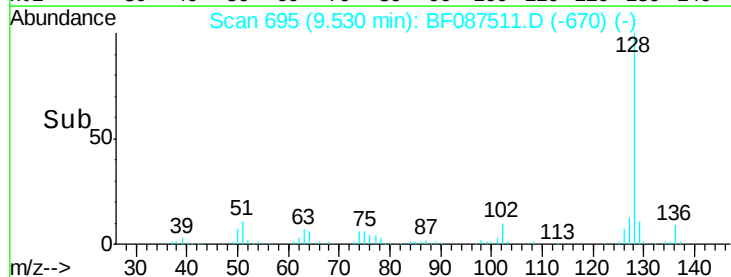
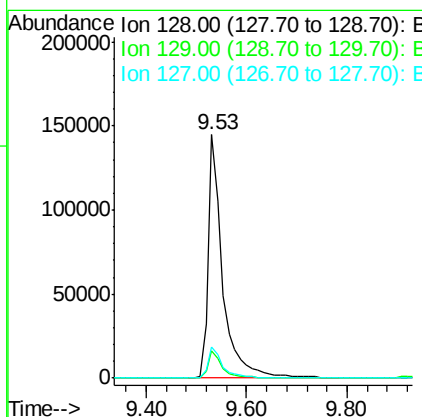
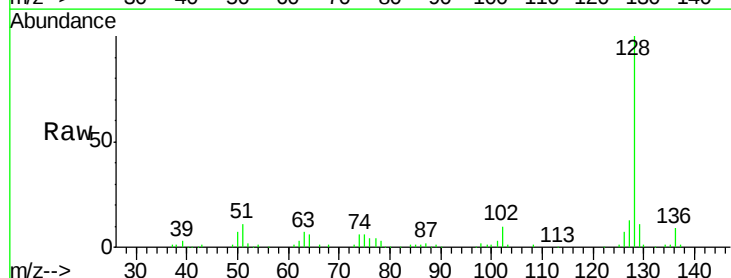
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7C

Tgt Ion: 82 Resp: 722204
 Ion Ratio Lower Upper
 82 100
 128 42.0 40.6 61.0
 54 66.3 38.1 57.1#



#31
 Naphthalene
 Concen: 13.11 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF087511.D
 Acq: 29 May 2016 9:26

Tgt Ion: 128 Resp: 288616
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 13.0
 127 13.0 10.8 16.2

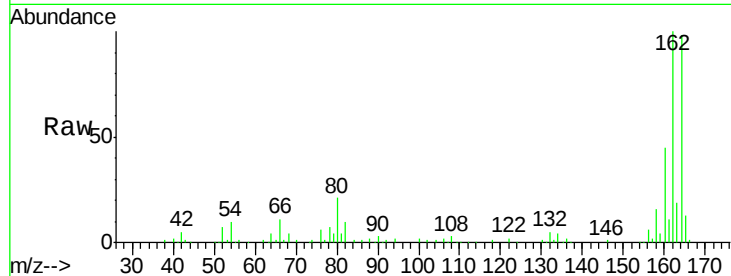




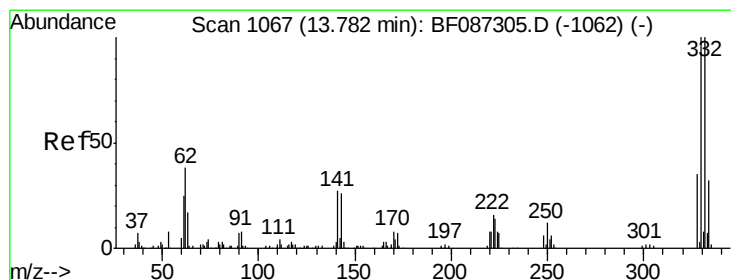
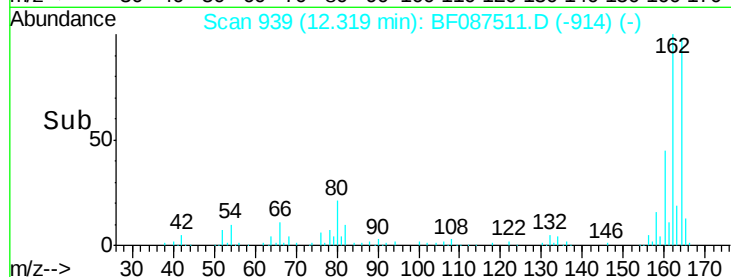
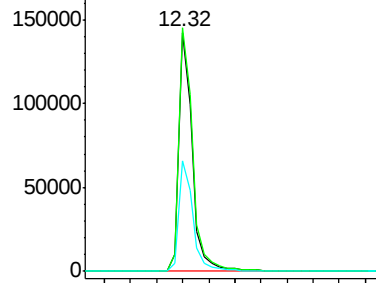
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087511.D
 Acq: 29 May 2016 9:26

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7C

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.8	124.2
160	46.1	36.9	55.3

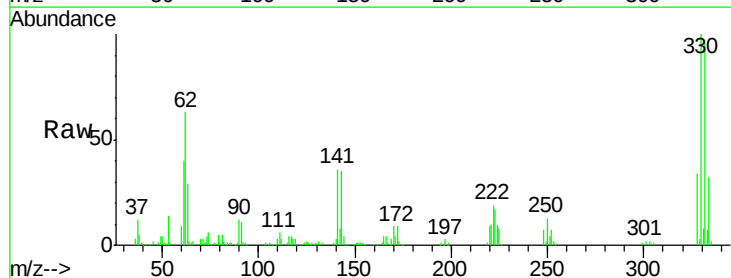


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

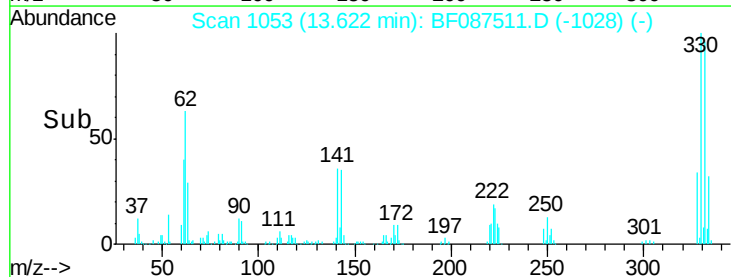
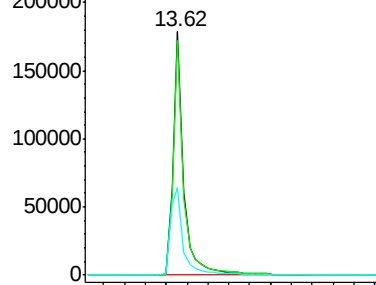


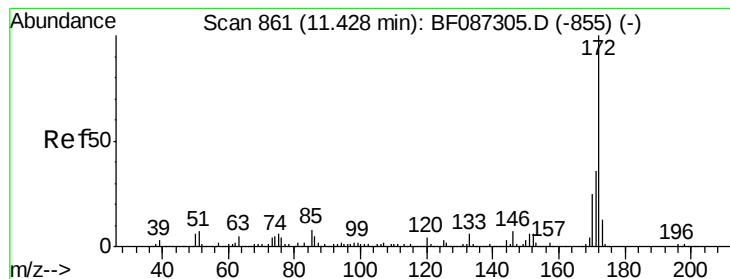
#41
 2,4,6-Tribromophenol
 Concen: 128.61 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087511.D
 Acq: 29 May 2016 9:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	43.8	31.2	46.8



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: 82.65 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087511.D

Acq: 29 May 2016 9:26

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7C

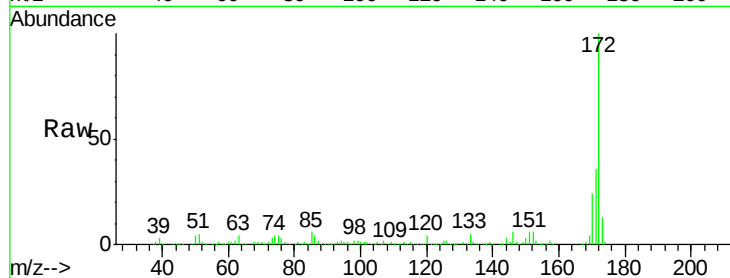
Tgt Ion:172 Resp: 1203508

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

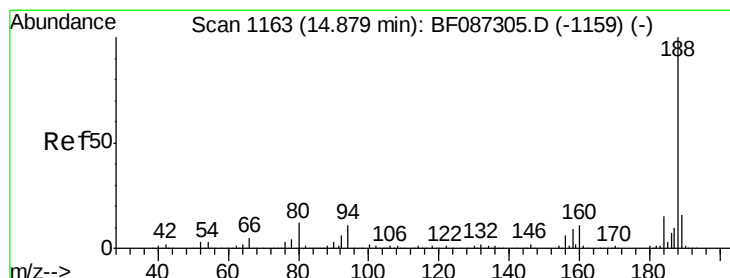
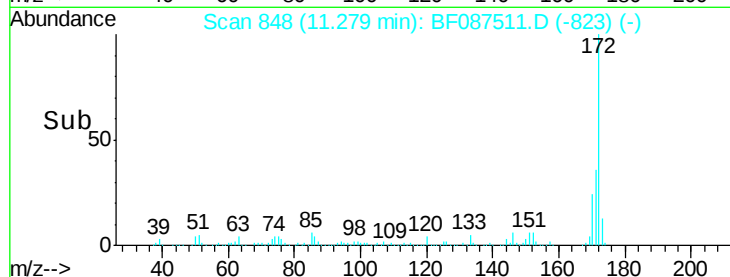
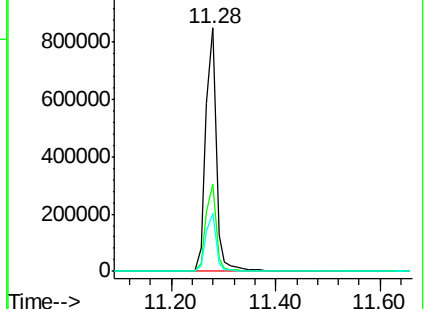
170 23.7 19.8 29.8



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: 14.73 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF087511.D

Acq: 29 May 2016 9:26

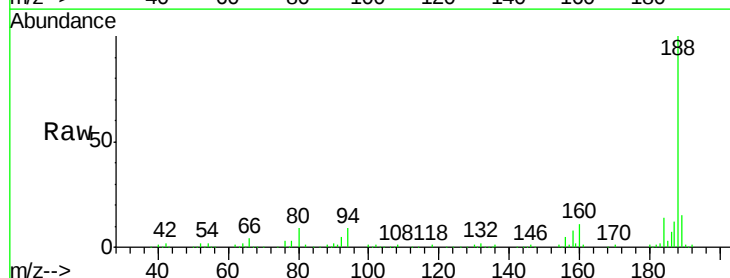
Tgt Ion:188 Resp: 391627

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

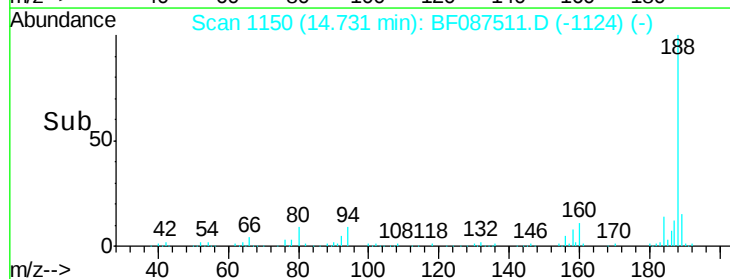
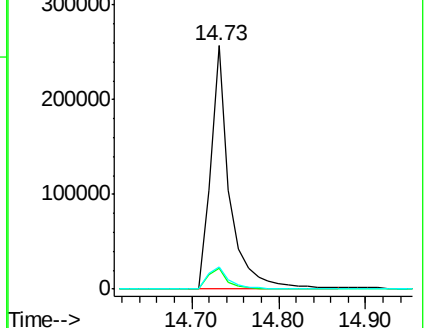
80 9.2 7.1 10.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.43 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF087511.D

Acq: 29 May 2016 9:26

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7C

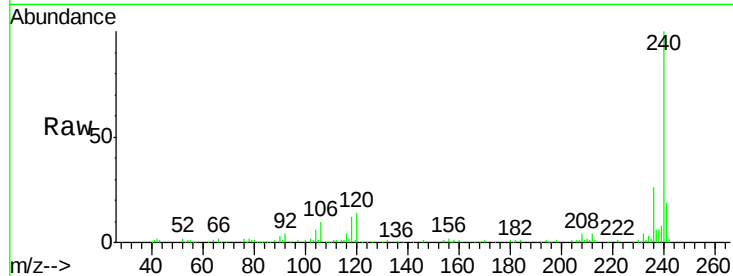
Tgt Ion:240 Resp: 282412

Ion Ratio Lower Upper

240 100

120 14.0 11.2 16.8

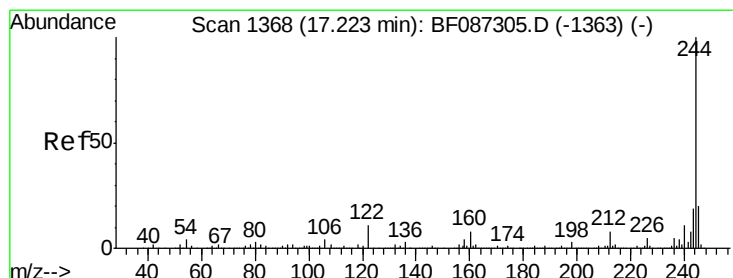
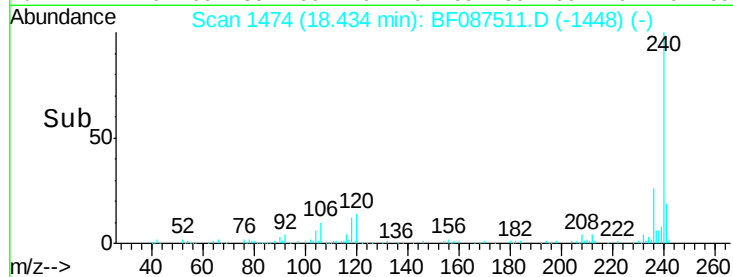
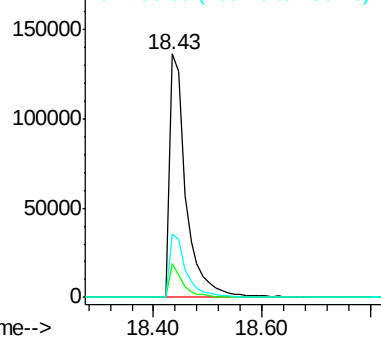
236 26.1 21.2 31.8



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: 88.98 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF087511.D

Acq: 29 May 2016 9:26

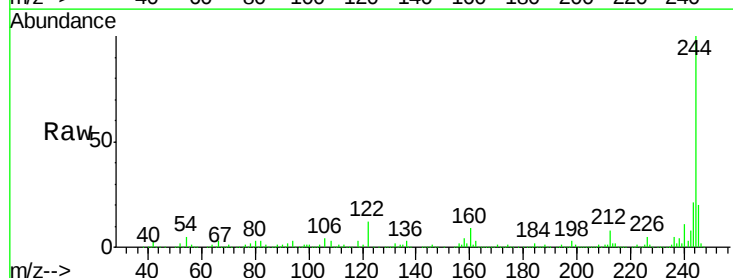
Tgt Ion:244 Resp: 1182045

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

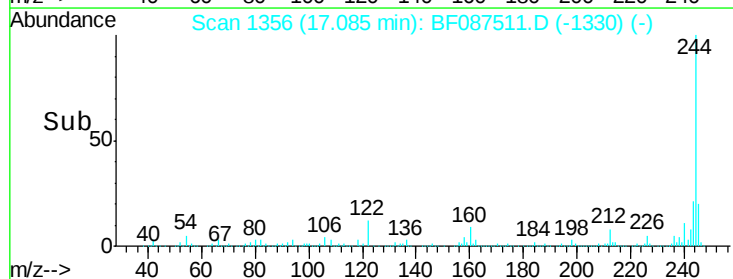
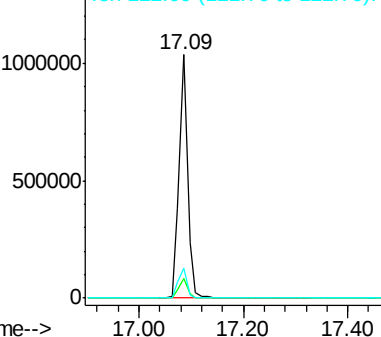
122 12.4 12.0 18.0

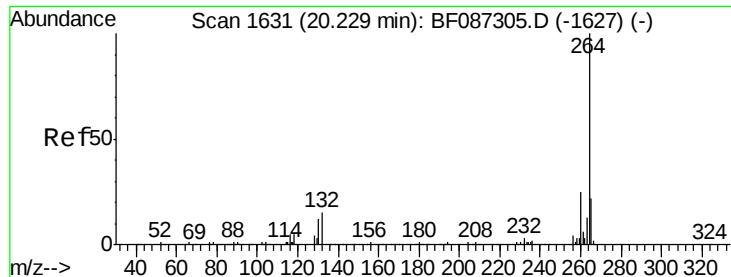


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.11 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BF087511.D
Acq: 29 May 2016 9:26

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-7C

Tgt Ion: 264 Resp: 202333
Ion Ratio Lower Upper
264 100
260 22.5 19.5 29.3
265 21.8 17.3 25.9

