

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085761.D
 Acq On : 25 Mar 2016 14:59
 Operator : UM/SJ
 Sample : H1858-09
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12A

Quant Time: Mar 25 16:21:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

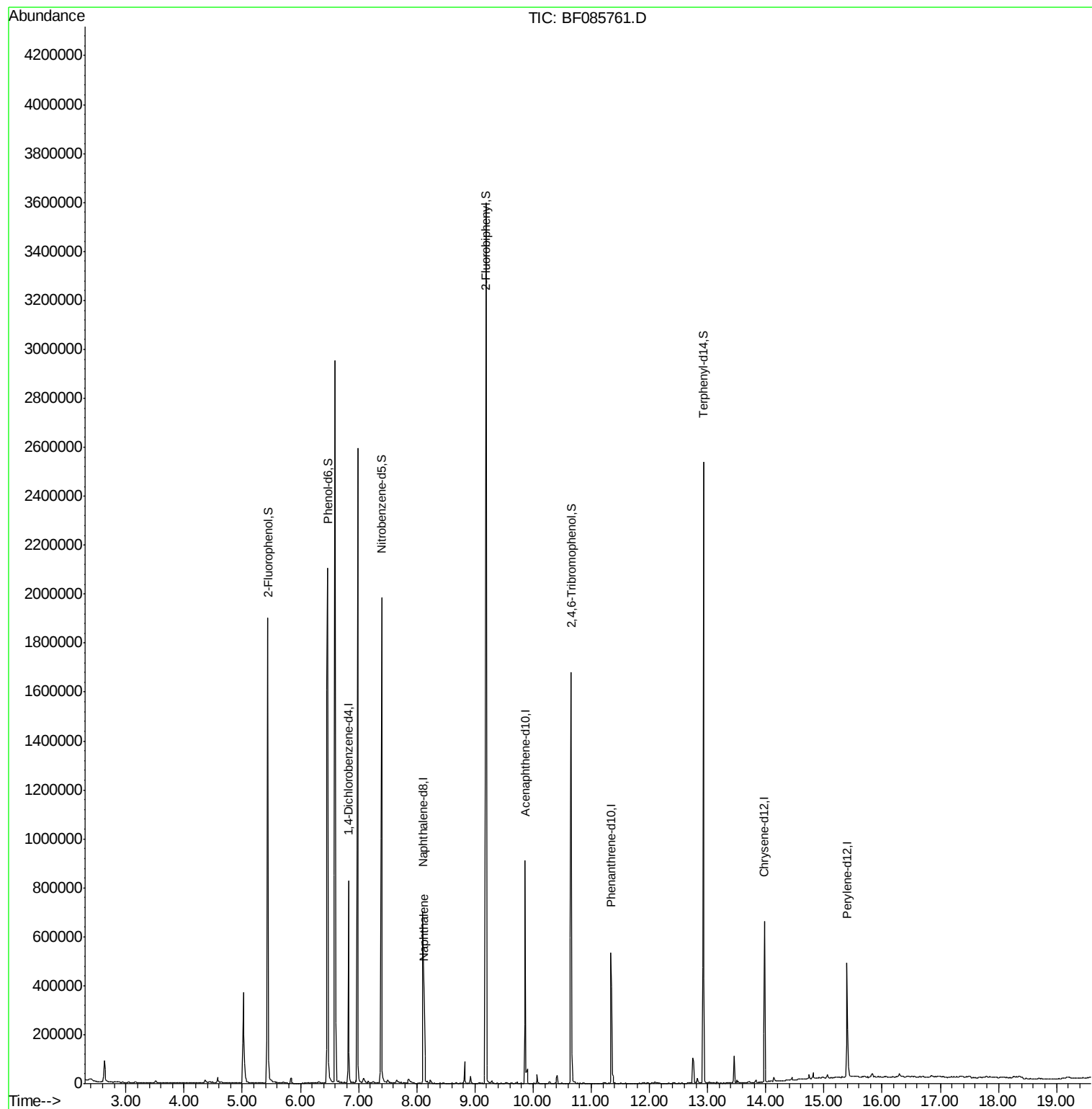
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	115043	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	415669	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	175935	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	256631	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	224369	20.00	ng	0.00
86) Perylene-d12	15.40	264	199168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	883634	127.92	ng	0.03
7) Phenol-d6	6.47	99	1078022	122.74	ng	0.01
23) Nitrobenzene-d5	7.40	82	761414	103.15	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	208789	124.91	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1144714	108.71	ng	0.00
78) Terphenyl-d14	12.93	244	769703	70.55	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	146907	7.01	ng	Qvalue 98

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

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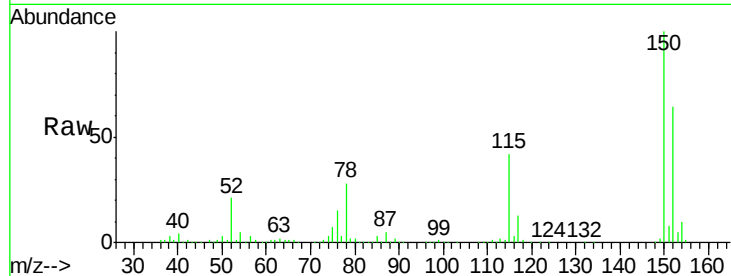


#1

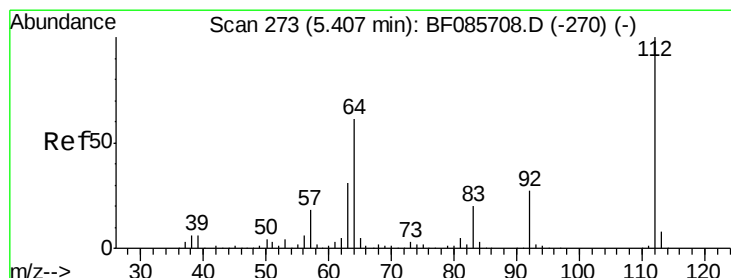
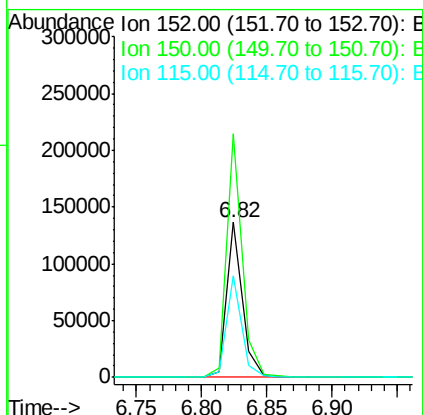
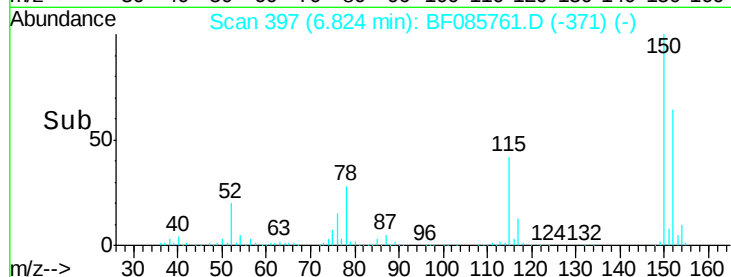
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF085761.D
 Acq: 25 Mar 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12A

Tot Ion:152 Resp: 115043
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.2 186.2
 115 65.6 47.0 70.6



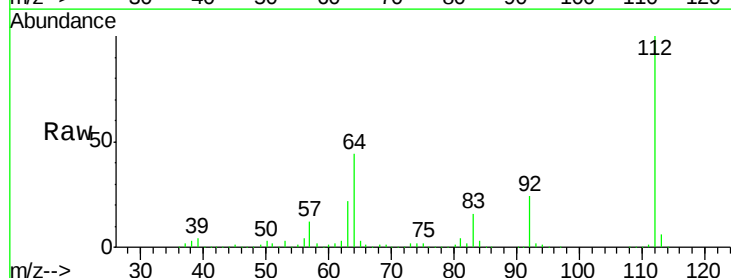
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



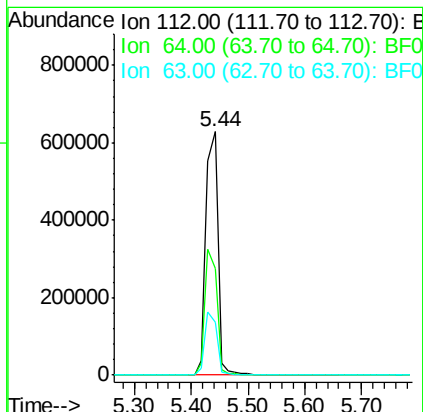
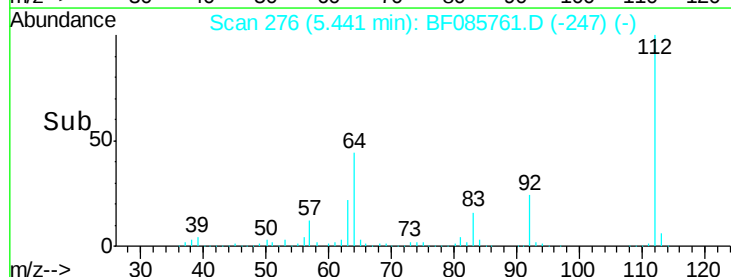
#5

2-Fluorophenol
 Concen: 127.92 ng
 RT: 5.44 min Scan# 276
 Delta R.T. 0.03 min
 Lab File: BF085761.D
 Acq: 25 Mar 2016 14:59

Tgt Ion:112 Resp: 883634
 Ion Ratio Lower Upper
 112 100
 64 43.7 39.9 59.9
 63 21.7 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: 122.74 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085761.D

Acq: 25 Mar 2016 14:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-12A

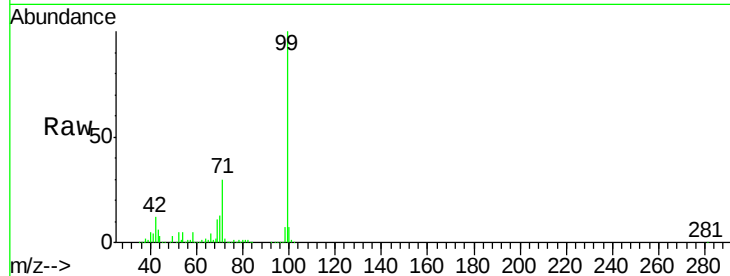
Tot Ion: 99 Resp: 1078022

Ion Ratio Lower Upper

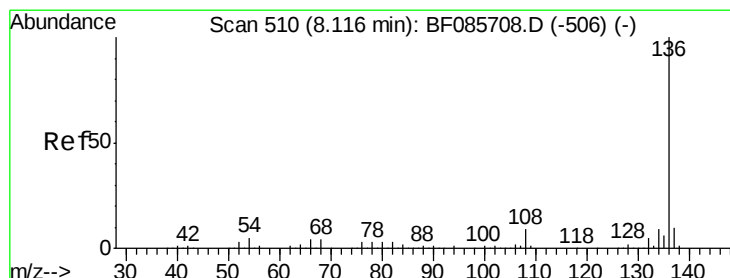
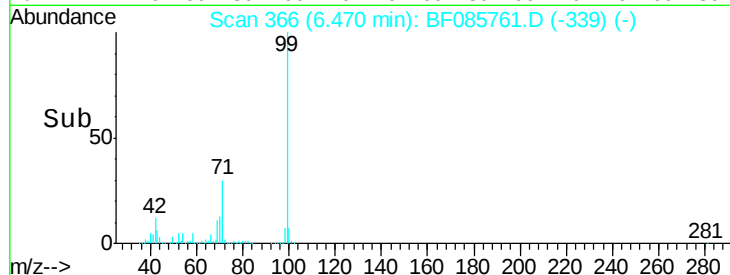
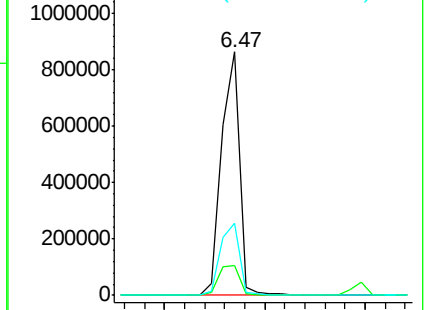
99 100

42 12.4 11.1 16.7

71 29.6 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: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085761.D

Acq: 25 Mar 2016 14:59

Tgt Ion: 136 Resp: 415669

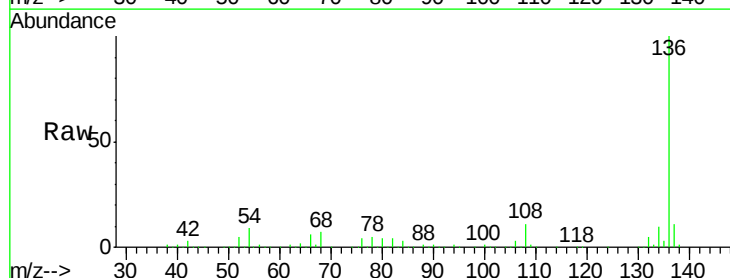
Ion Ratio Lower Upper

136 100

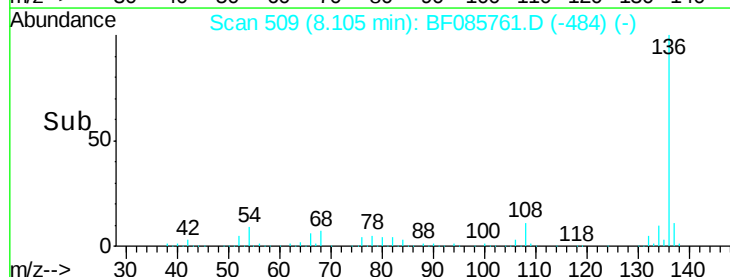
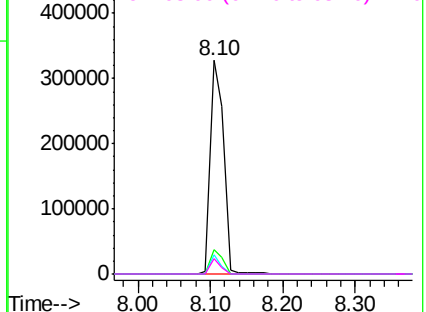
137 11.1 9.1 13.7

54 9.3 7.4 11.0

68 7.2 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

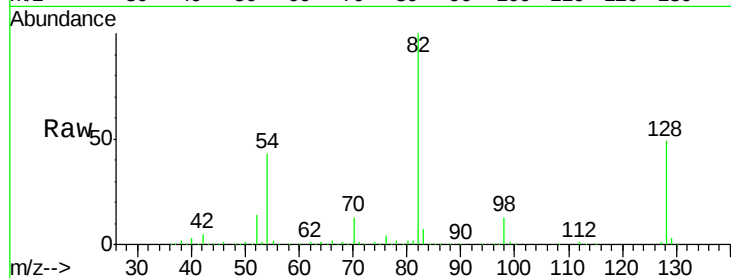




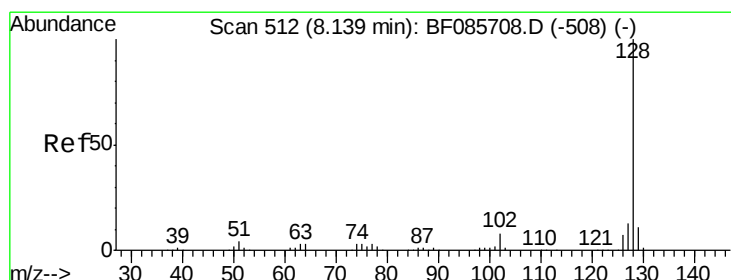
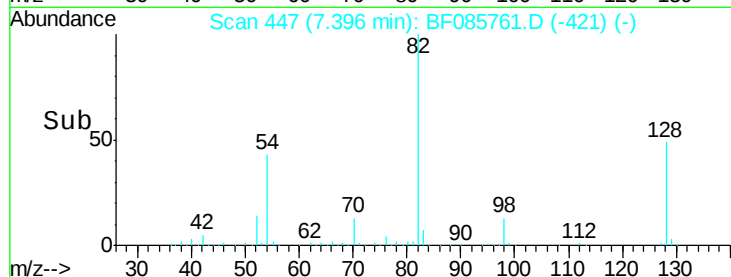
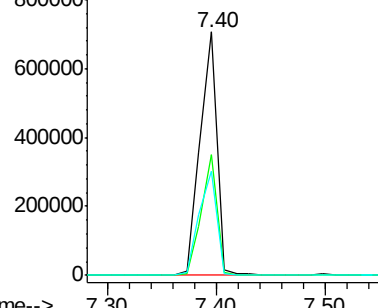
#23
Nitrobenzene-d5
Concen: 103.15 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085761.D
Acq: 25 Mar 2016 14:59

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tot Ion: 82 Resp: 761414
Ion Ratio Lower Upper
82 100
128 49.3 41.8 62.8
54 42.9 33.4 50.0

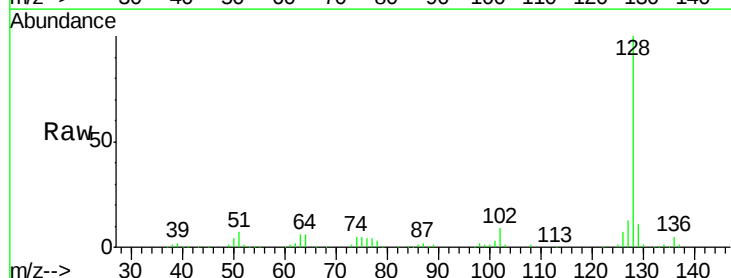


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

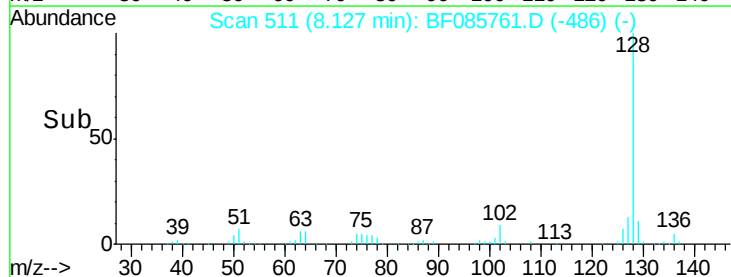
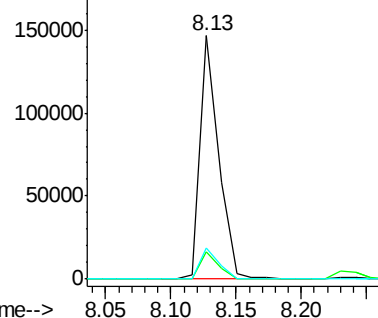


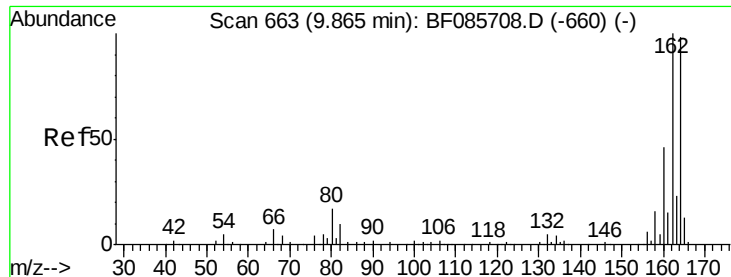
#31
Naphthalene
Concen: 7.01 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085761.D
Acq: 25 Mar 2016 14:59

Tgt Ion: 128 Resp: 146907
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 12.8 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: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085761.D

Acq: 25 Mar 2016 14:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-12A

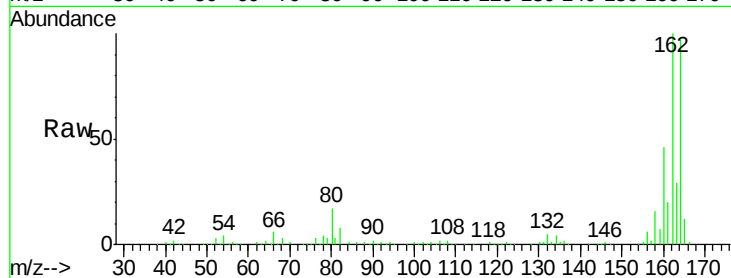
Tot Ion:164 Resp: 175935

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

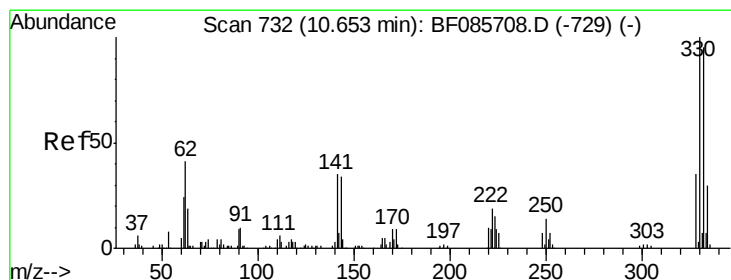
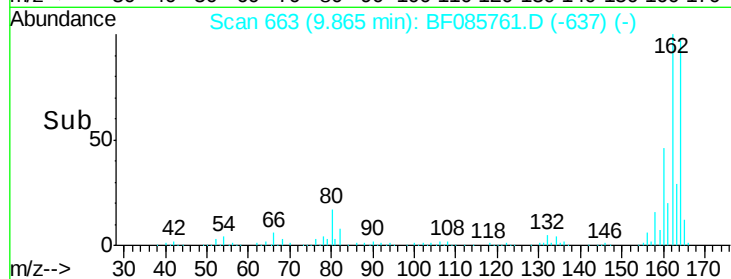
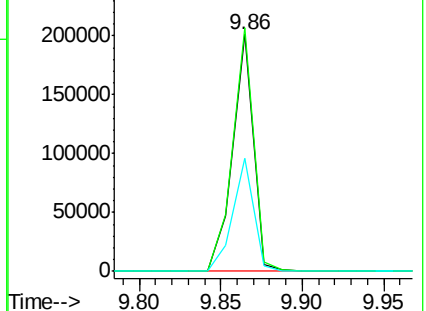
160 47.7 37.4 56.2



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: 124.91 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085761.D

Acq: 25 Mar 2016 14:59

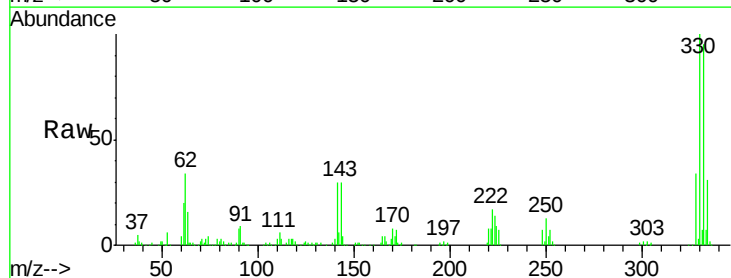
Tgt Ion:330 Resp: 208789

Ion Ratio Lower Upper

330 100

332 95.2 78.2 117.2

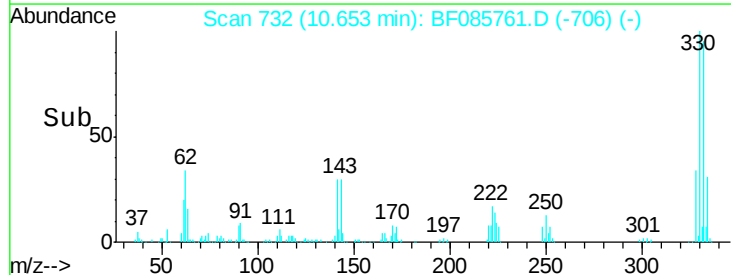
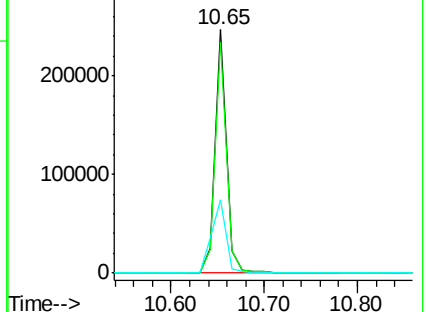
141 39.1 31.5 47.3

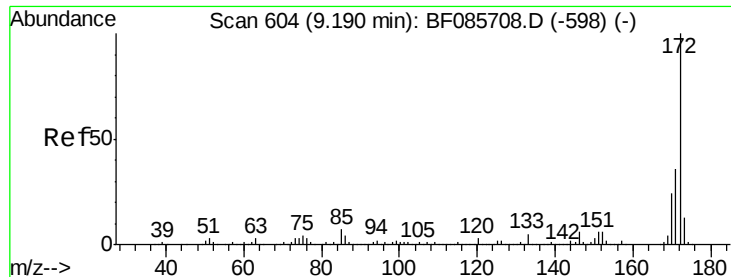


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



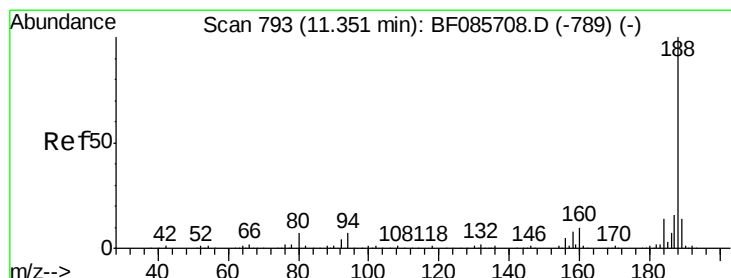
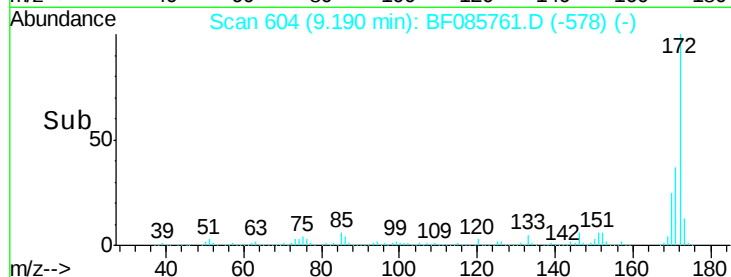
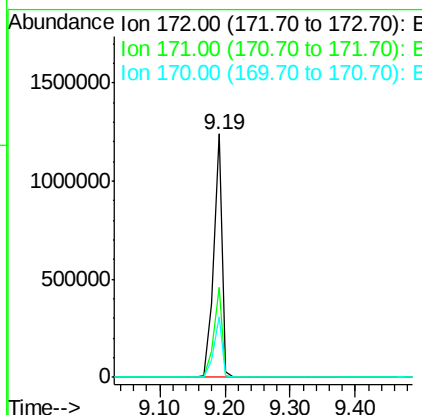
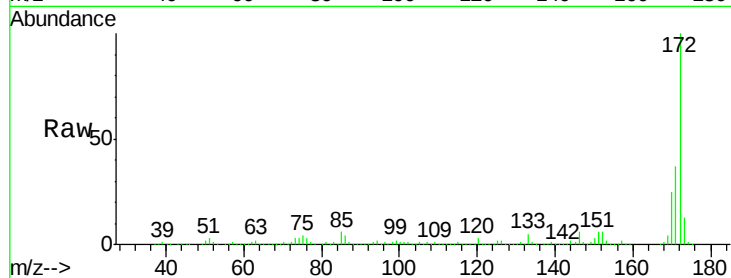


#44
 2-Fluorobiphenyl
 Concen: 108.71 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085761.D
 Acq: 25 Mar 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12A

Tot Ion:172 Resp: 1144714

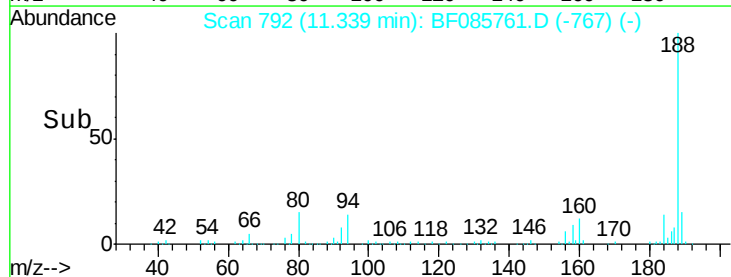
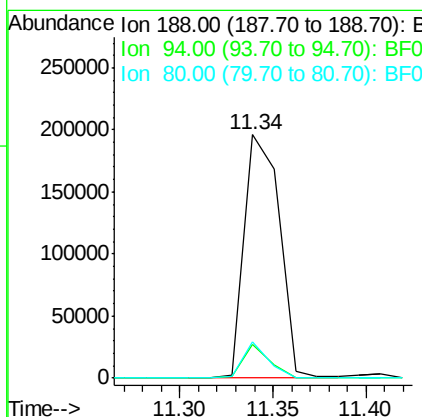
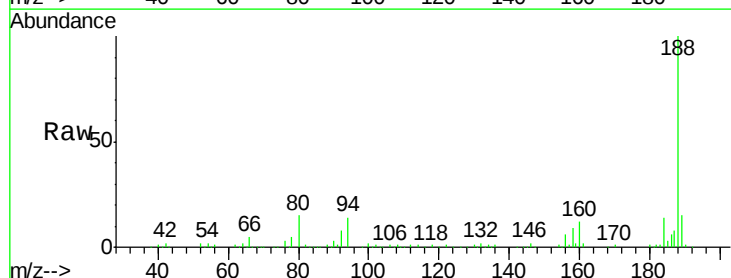
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	24.8	19.8	29.6

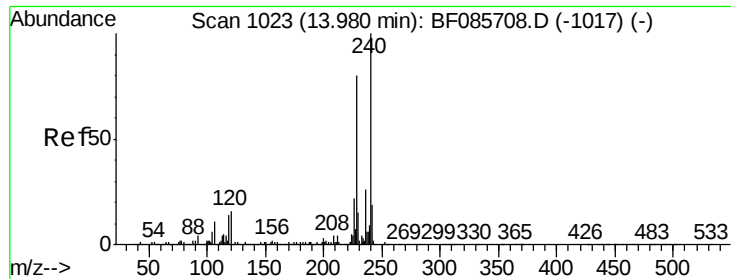


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085761.D
 Acq: 25 Mar 2016 14:59

Tgt Ion:188 Resp: 256631

Ion	Ratio	Lower	Upper
188	100		
94	13.7	5.4	8.0#
80	14.7	5.5	8.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085761.D

Acq: 25 Mar 2016 14:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-12A

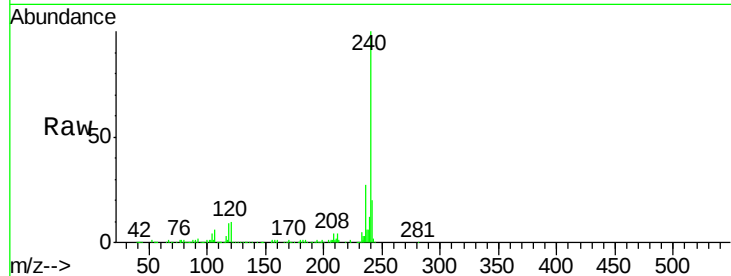
Tot Ion:240 Resp: 224369

Ion Ratio Lower Upper

240 100

120 10.3 13.8 20.8#

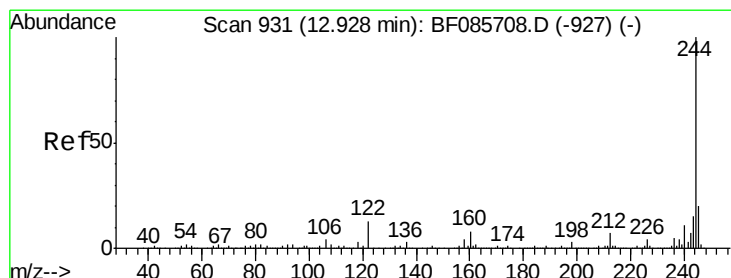
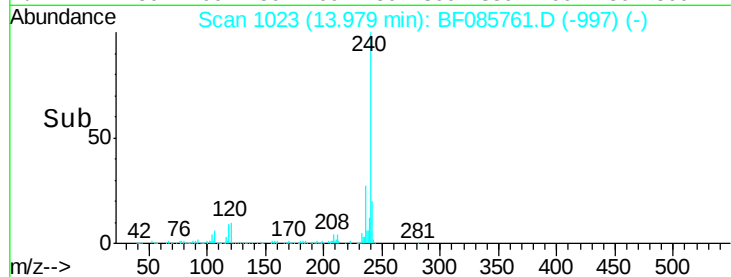
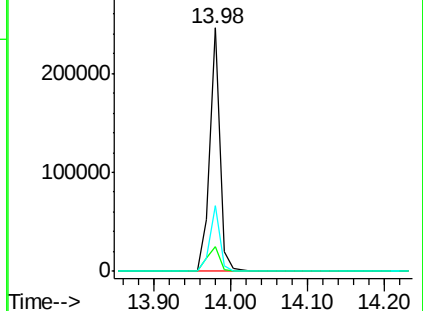
236 27.0 20.6 30.8



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: 70.55 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085761.D

Acq: 25 Mar 2016 14:59

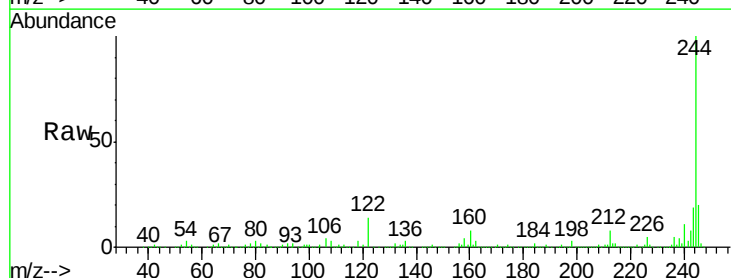
Tgt Ion:244 Resp: 769703

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

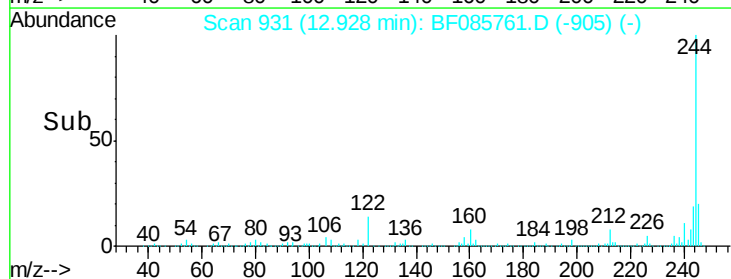
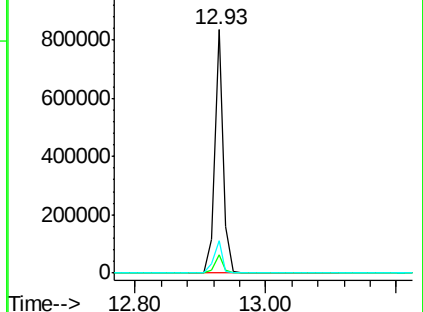
122 13.6 10.2 15.4

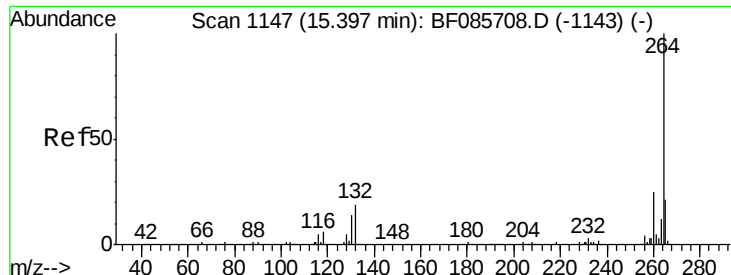


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

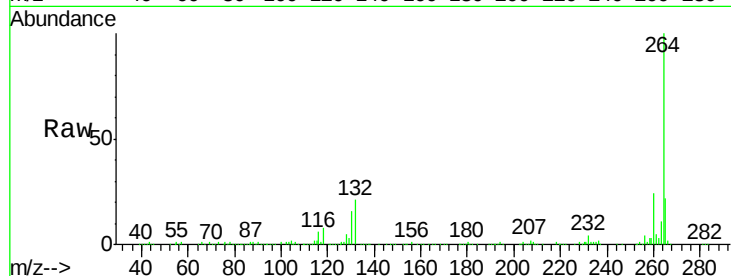




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085761.D
Acq: 25 Mar 2016 14:59

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.9	17.2	25.8



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

