

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085811.D
 Acq On : 28 Mar 2016 19:47
 Operator : UM/SJ
 Sample : H1905-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10B

Quant Time: Mar 29 01:18:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

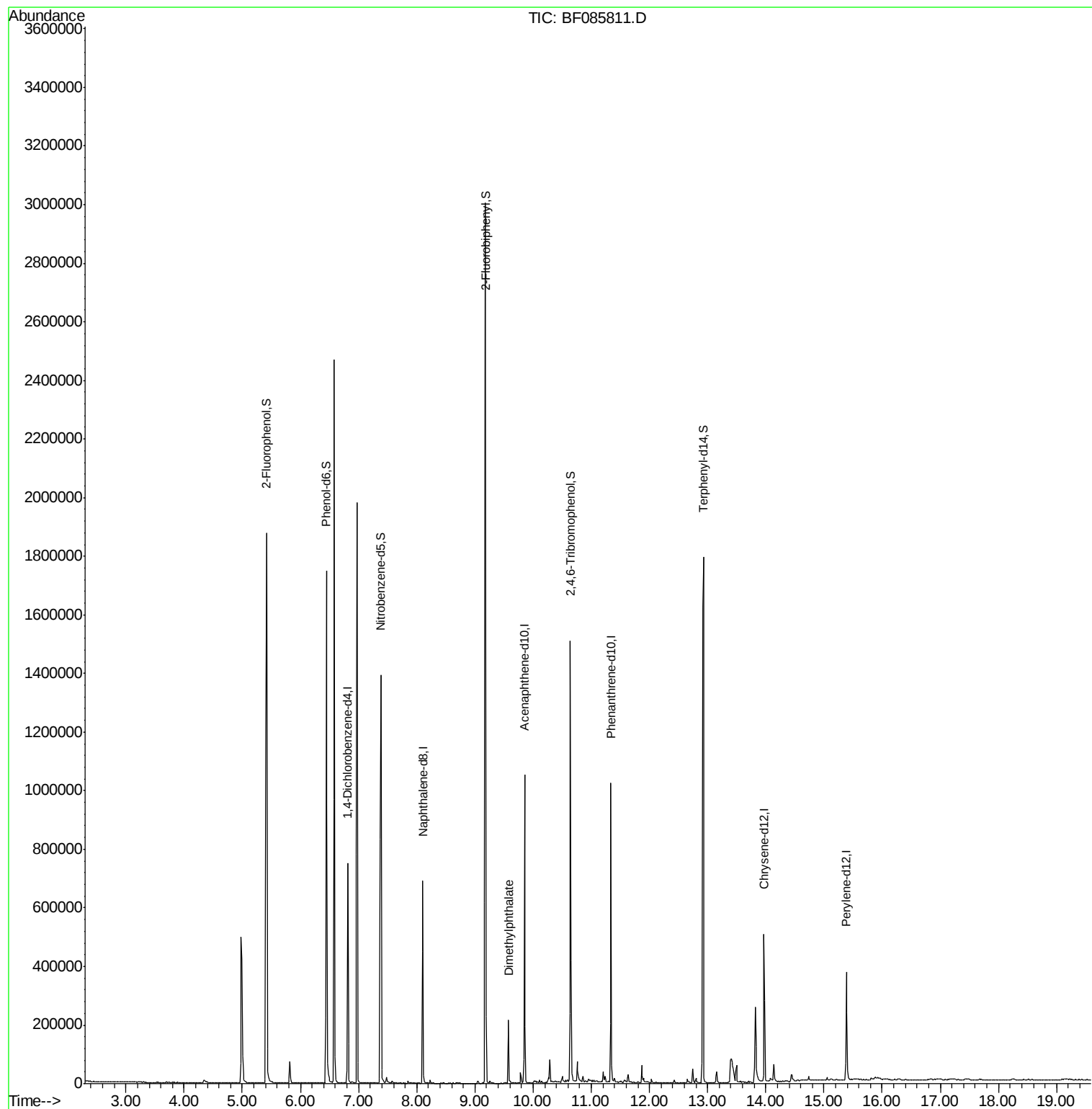
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	107439	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	414075	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	193276	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	356923	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	204178	20.00	ng	-0.01
86) Perylene-d12	15.39	264	176795	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	711662	110.32	ng	0.01
7) Phenol-d6	6.45	99	822937	100.33	ng	-0.01
23) Nitrobenzene-d5	7.38	82	575737	78.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	186852	101.75	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	896177	77.47	ng	-0.01
78) Terphenyl-d14	12.93	244	815453	82.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	122943	8.38	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: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10B

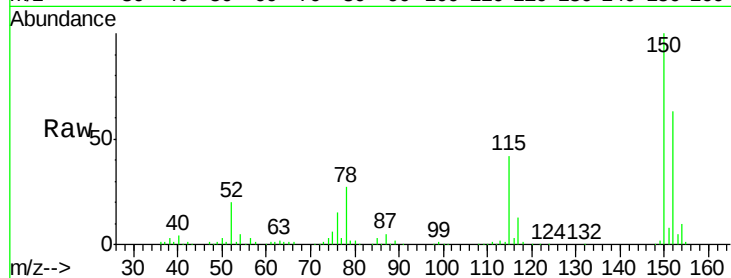
Tgt Ion:152 Resp: 107439

Ion Ratio Lower Upper

152 100

150 159.1 124.2 186.2

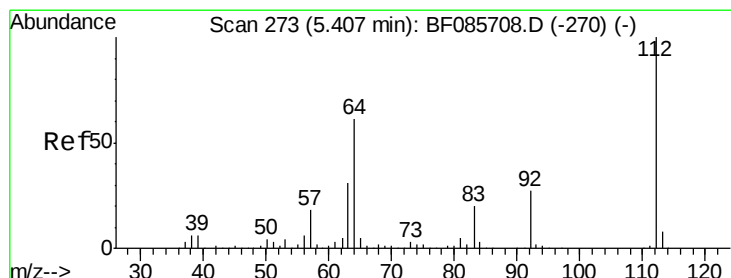
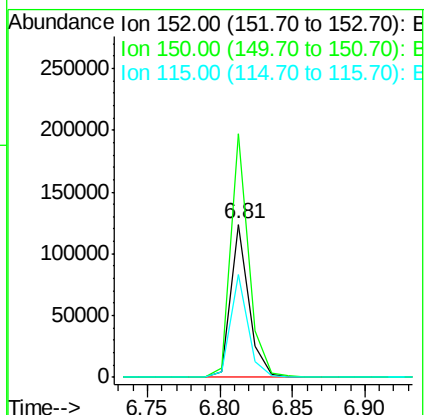
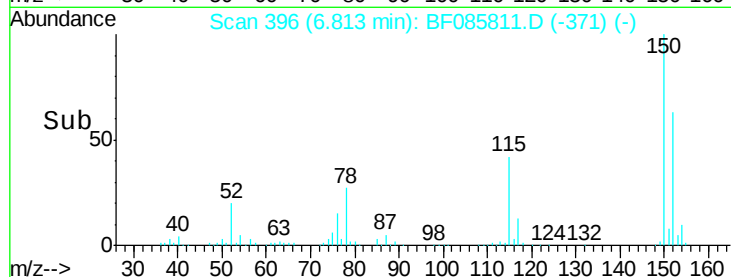
115 66.8 47.0 70.6



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: 110.32 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

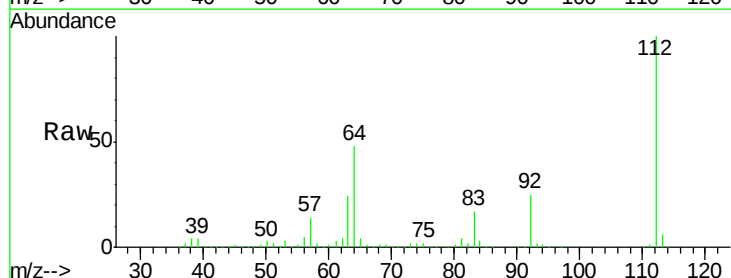
Tgt Ion:112 Resp: 711662

Ion Ratio Lower Upper

112 100

64 47.9 39.9 59.9

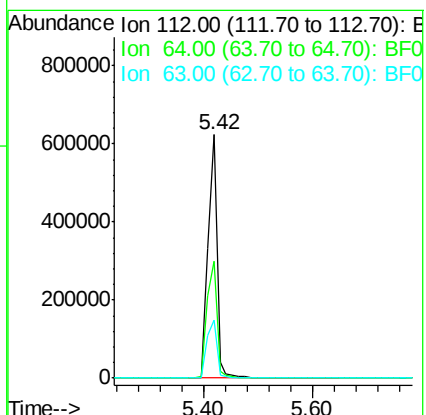
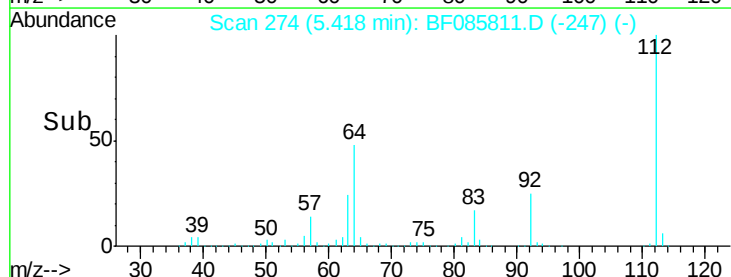
63 24.0 20.2 30.2



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: 100.33 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10B

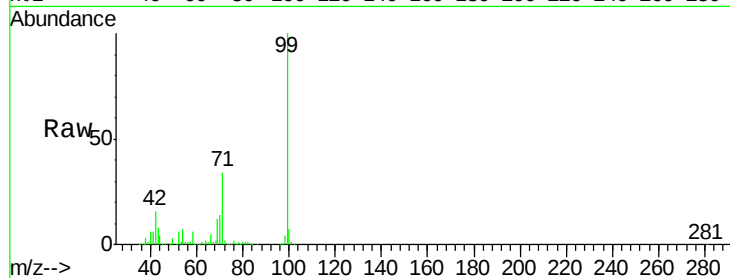
Tgt Ion: 99 Resp: 822937

Ion Ratio Lower Upper

99 100

42 16.4 11.1 16.7

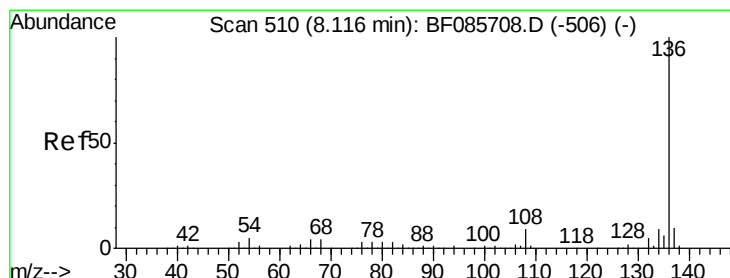
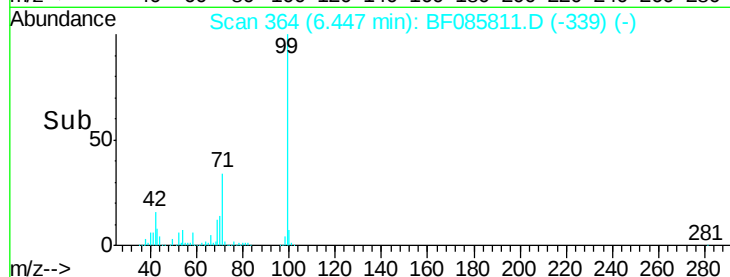
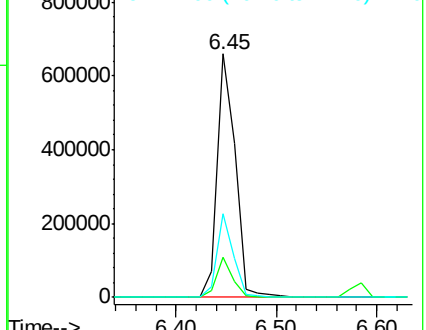
71 34.2 24.9 37.3



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: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

Tgt Ion: 136 Resp: 414075

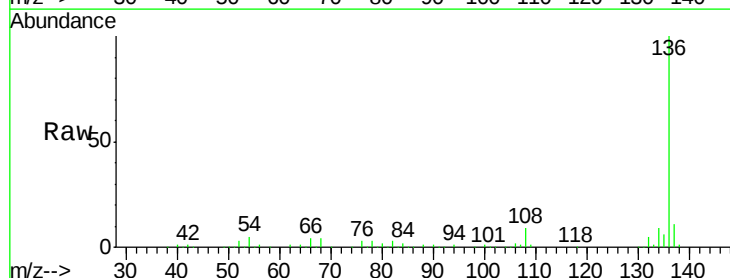
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 4.8 7.4 11.0#

68 4.3 5.8 8.8#

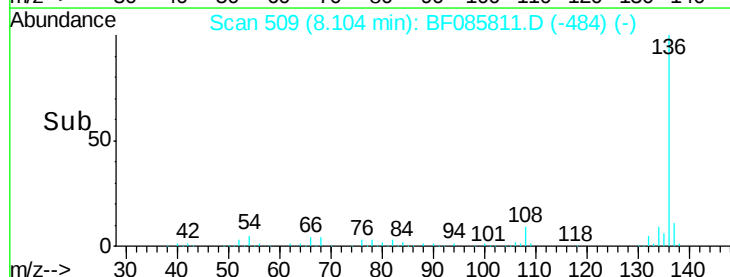
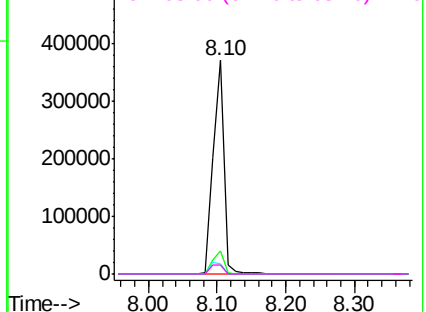


Abundance Ion 136.00 (135.70 to 136.70): E

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

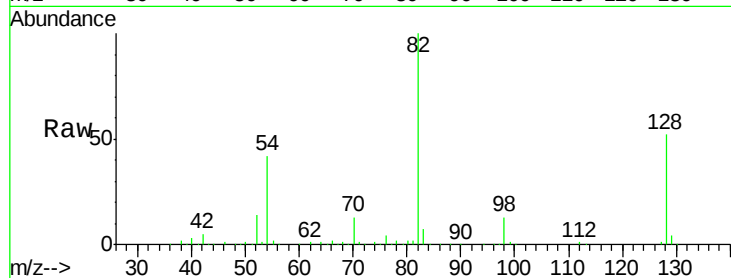




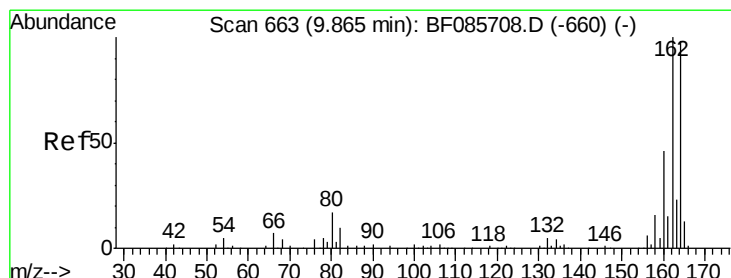
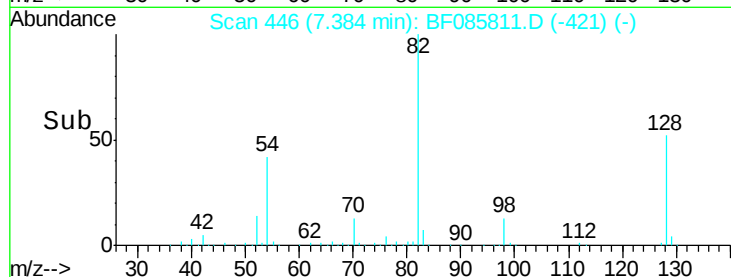
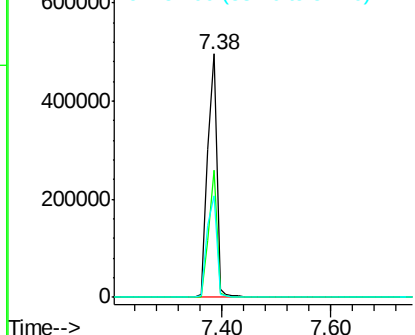
#23
 Nitrobenzene-d5
 Concen: 78.30 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10B

Tgt Ion: 82 Resp: 575737
 Ion Ratio Lower Upper
 82 100
 128 52.0 41.8 62.8
 54 41.9 33.4 50.0

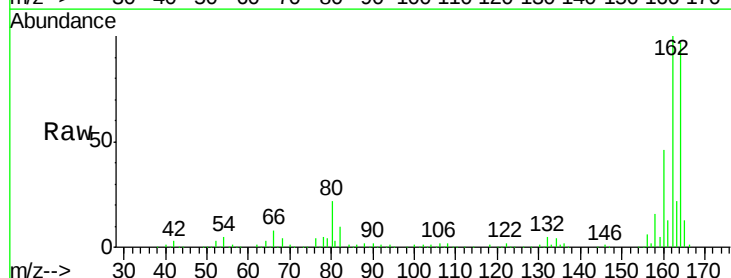


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

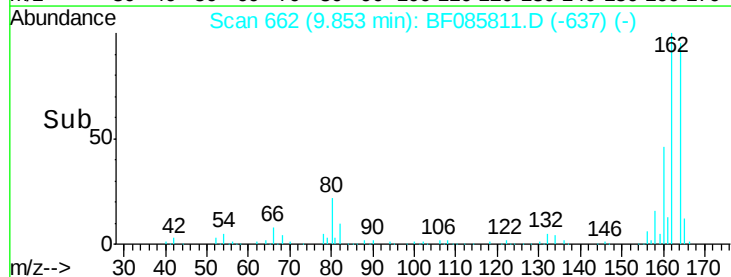
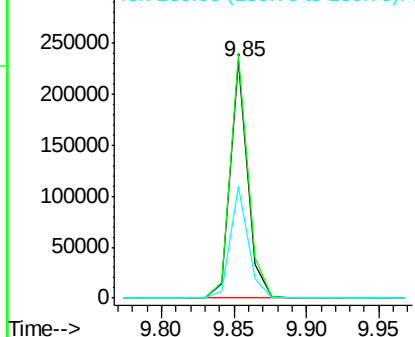


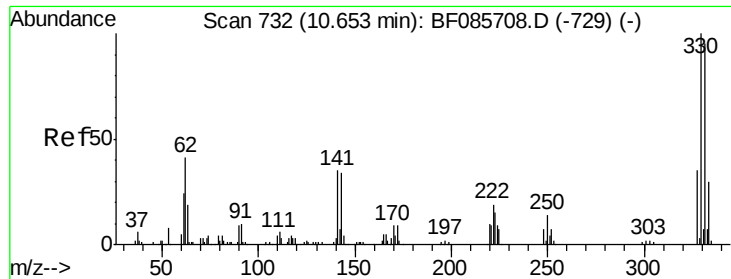
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

Tgt Ion: 164 Resp: 193276
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.1 123.1
 160 47.3 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

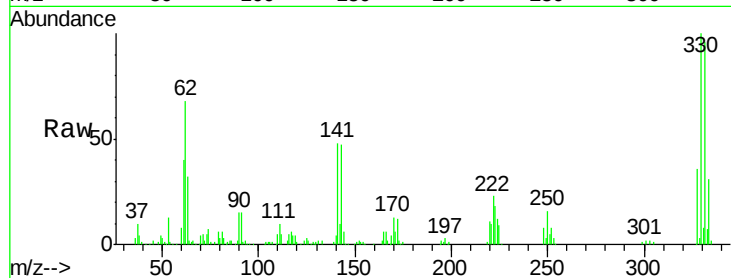




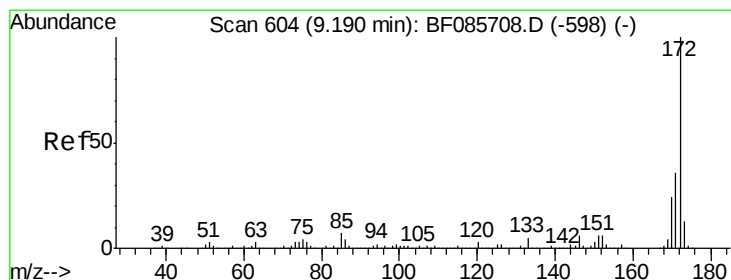
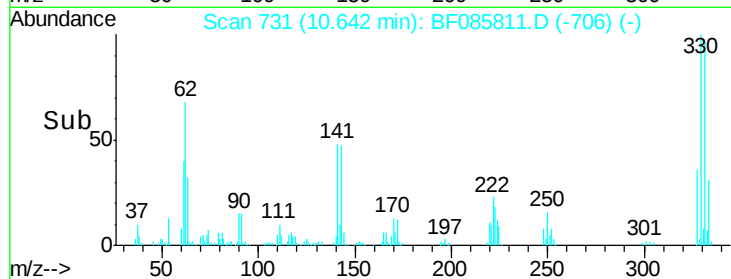
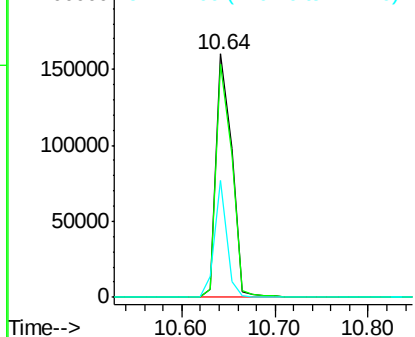
#41
 2,4,6-Tribromophenol
 Concen: 101.75 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.2	117.2
141	38.2	31.5	47.3

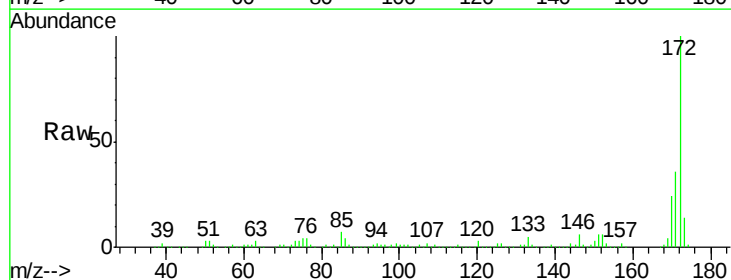


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

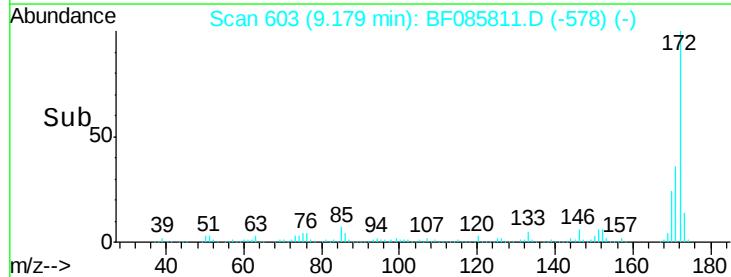
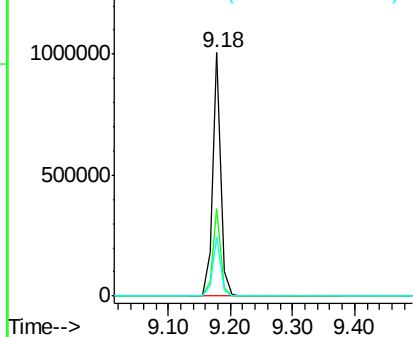


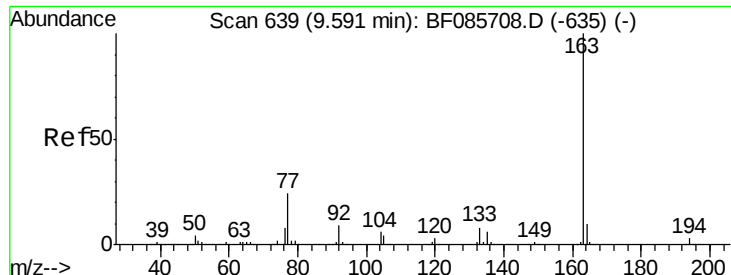
#44
 2-Fluorobiphenyl
 Concen: 77.47 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.4	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

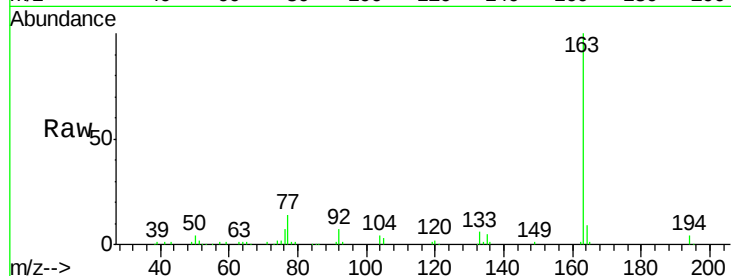




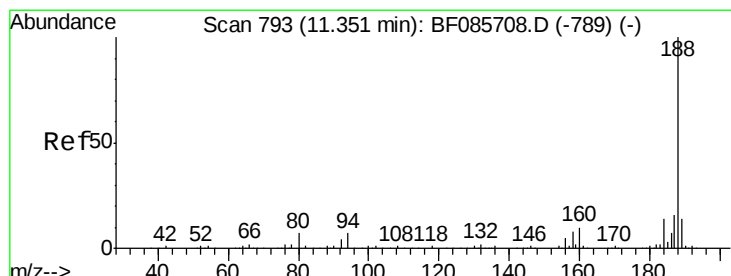
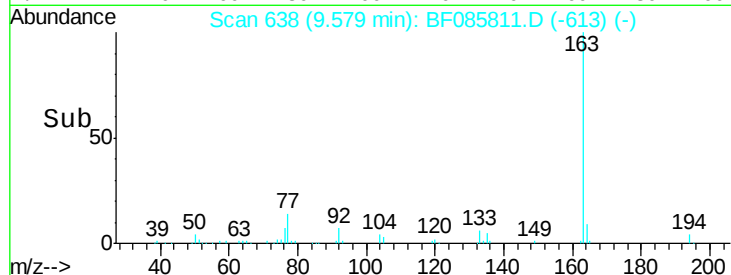
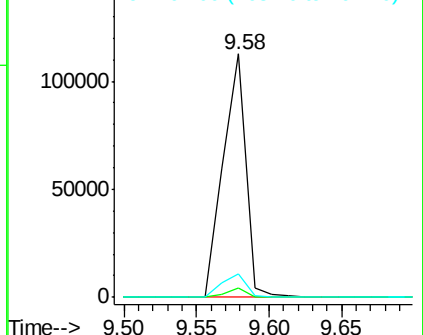
#49
Dimethylphthalate
Concen: 8.38 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085811.D
Acq: 28 Mar 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10B

Tgt Ion:163 Resp: 122943
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 9.4 8.3 12.5

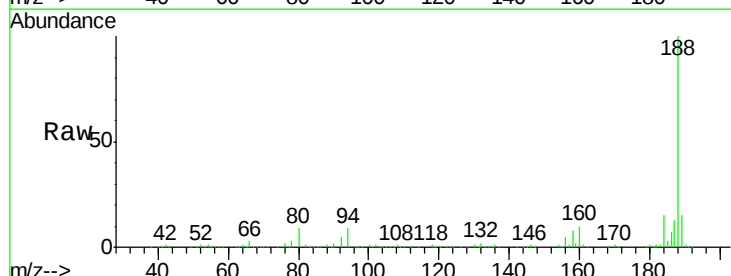


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

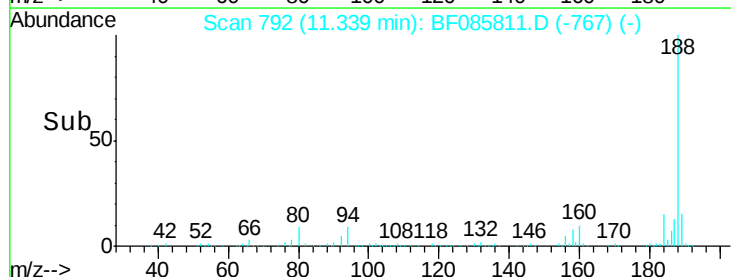
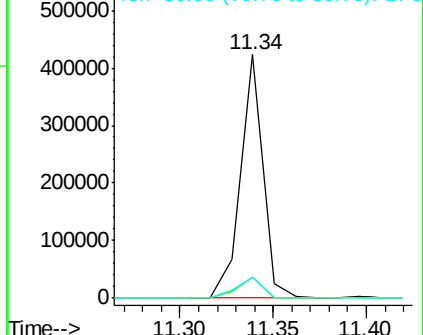


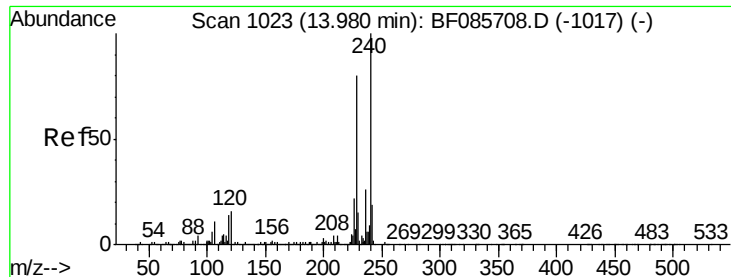
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085811.D
Acq: 28 Mar 2016 19:47

Tgt Ion:188 Resp: 356923
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 8.8 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10B

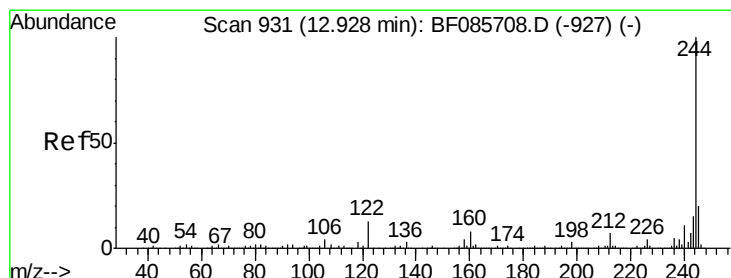
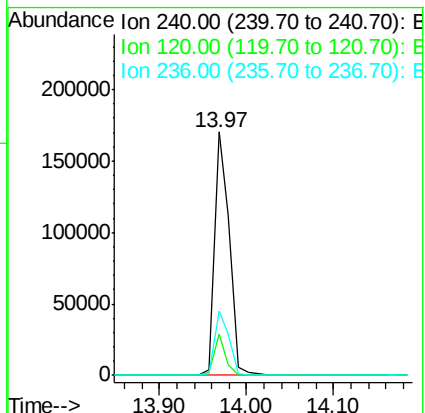
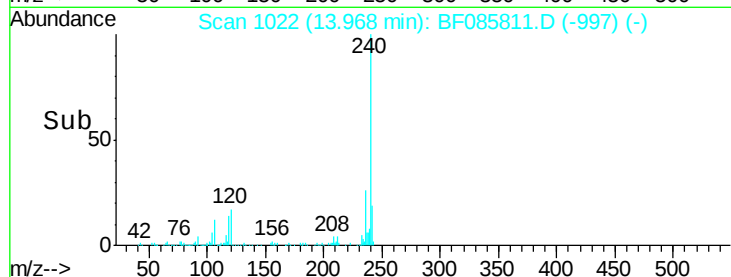
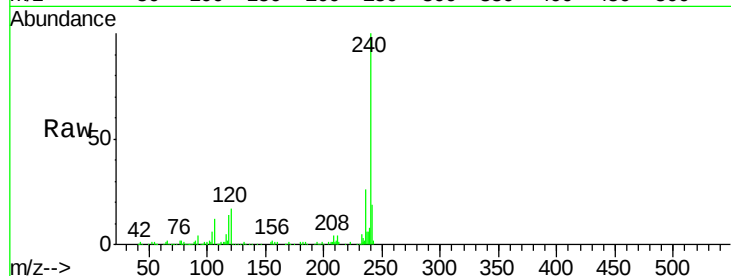
Tgt Ion:240 Resp: 204178

Ion Ratio Lower Upper

240 100

120 16.9 13.8 20.8

236 26.3 20.6 30.8



#78

Terphenyl-d14

Concen: 82.14 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

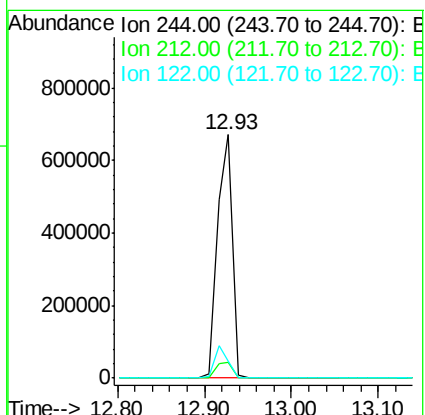
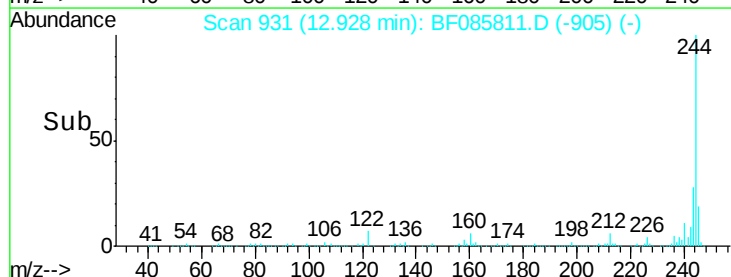
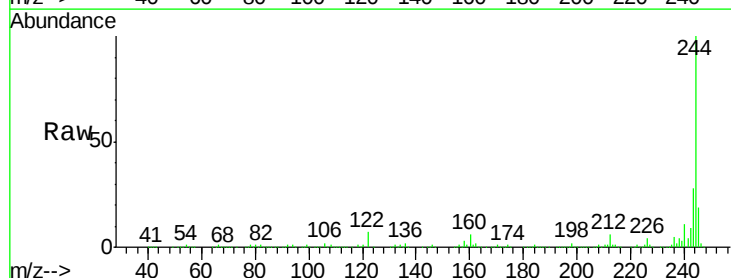
Tgt Ion:244 Resp: 815453

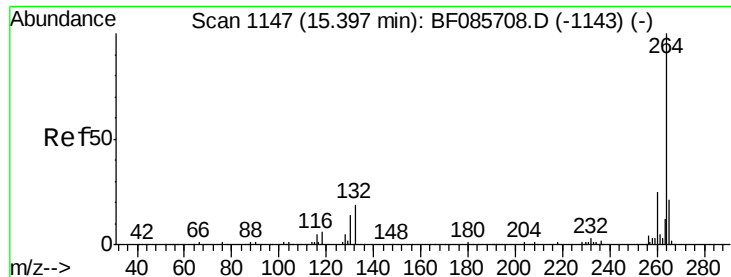
Ion Ratio Lower Upper

244 100

212 6.5 6.1 9.1

122 6.8 10.2 15.4#

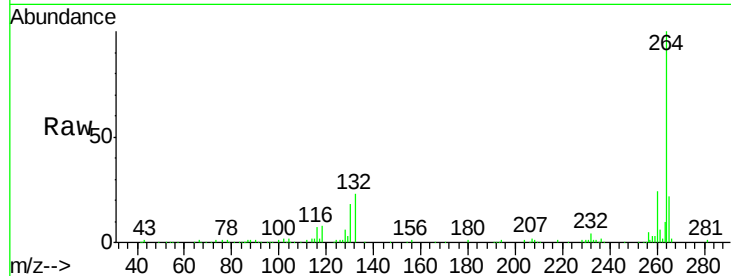




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085811.D
Acq: 28 Mar 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	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

