

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085431.D
 Acq On : 14 Mar 2016 16:18
 Operator : UM/SJ
 Sample : H1718-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SWD-1 (1ST-QUART-2016)

Quant Time: Mar 15 02:17:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

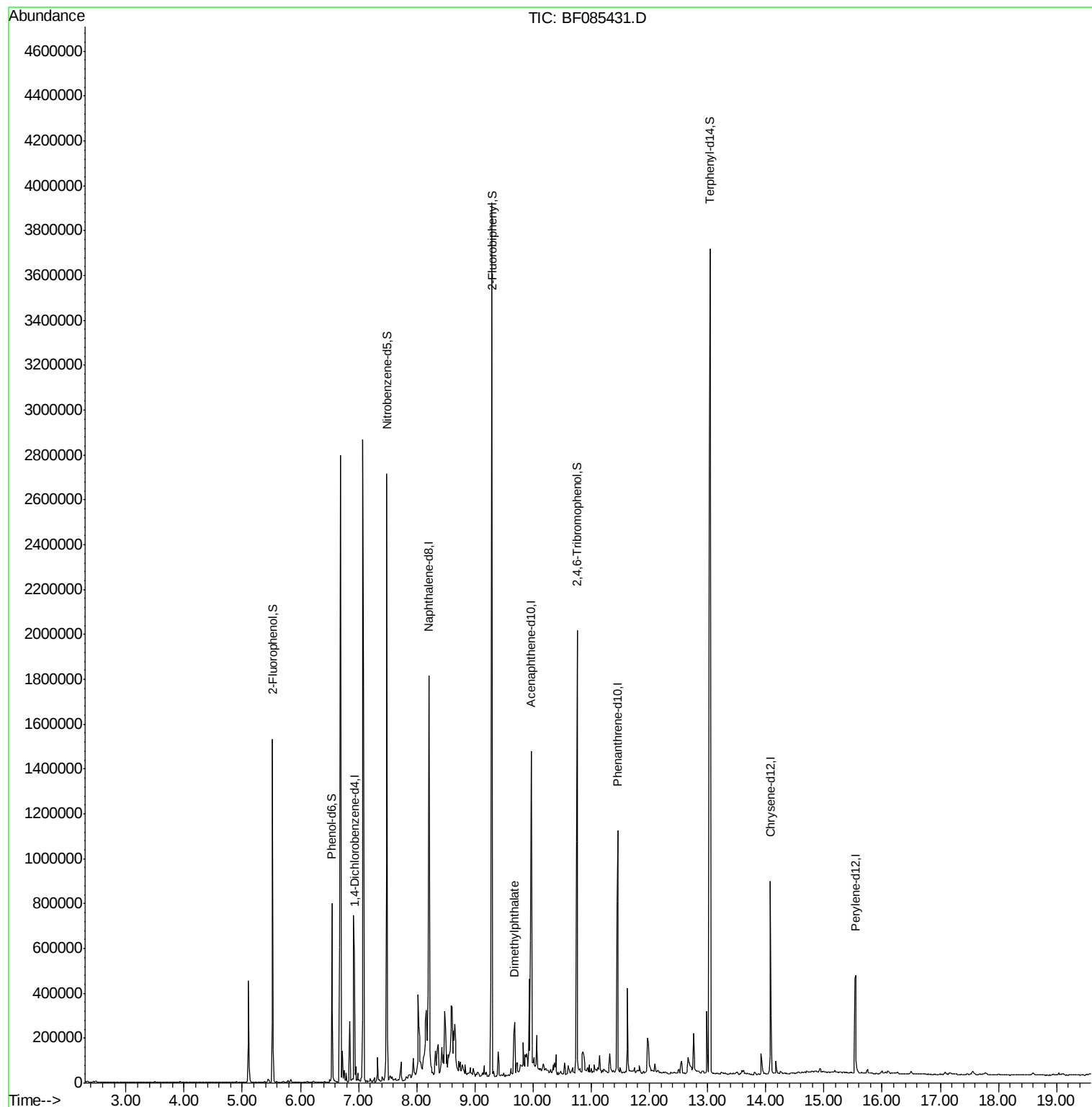
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	150898	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	612357	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	282012	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	507596	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	286736	20.00	ng	-0.07
86) Perylene-d12	15.55	264	242772	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	408586	45.42	ng	-0.06
7) Phenol-d6	6.54	99	297759	25.26	ng	-0.07
23) Nitrobenzene-d5	7.49	82	955657	83.51	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	265248	109.92	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	1764396	95.15	ng	-0.06
78) Terphenyl-d14	13.04	244	1537510	124.48	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.68	163	127092	5.87	ng	Qvalue 98

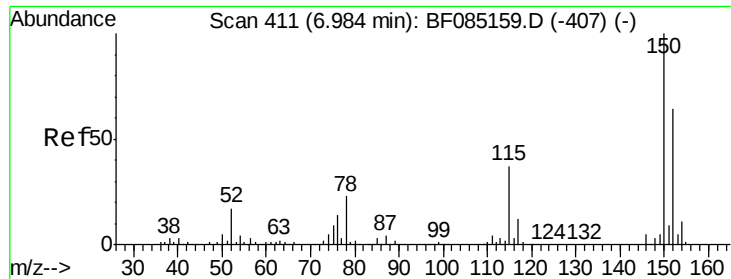
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085431.D

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Instrument :

BNA_F

ClientSampleId :

SWD-1 (1ST-QUART-2016)

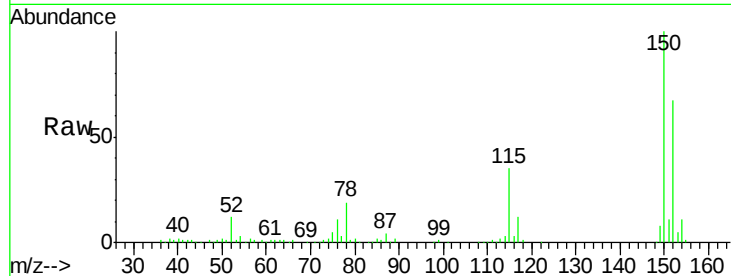
Tgt Ion:152 Resp: 150898

Ion Ratio Lower Upper

152 100

150 150.1 124.6 186.8

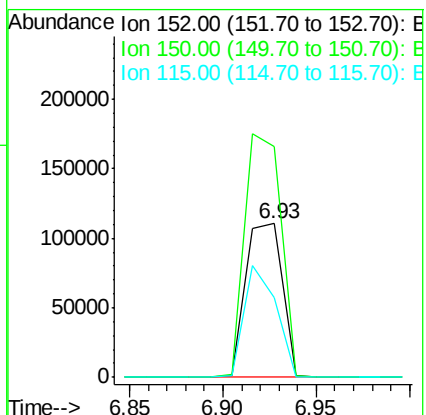
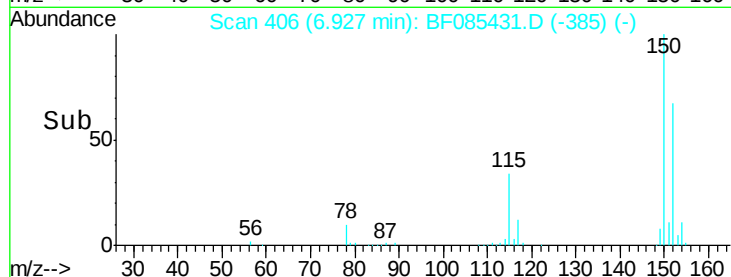
115 52.3 46.6 70.0



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: 45.42 ng

RT: 5.52 min Scan# 283

Delta R.T. -0.06 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

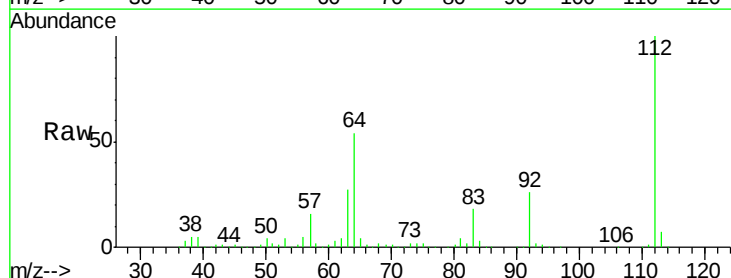
Tgt Ion:112 Resp: 408586

Ion Ratio Lower Upper

112 100

64 54.3 49.0 73.4

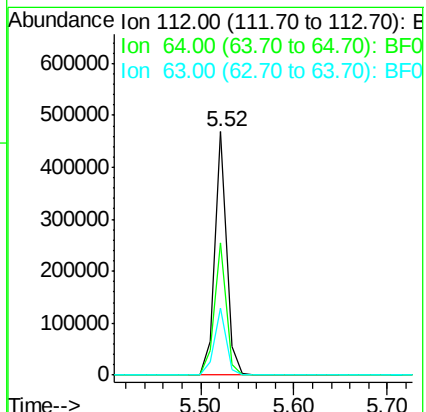
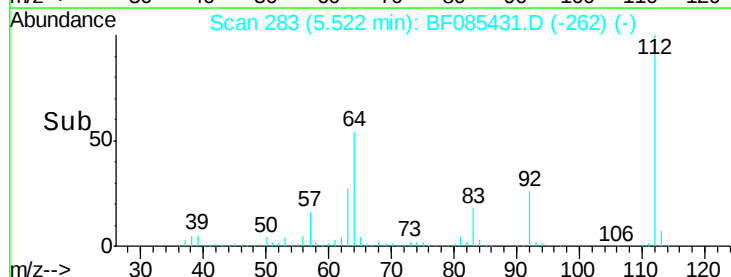
63 27.3 24.8 37.2



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: 25.26 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.07 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SWD-1 (1ST-QUART-2016)

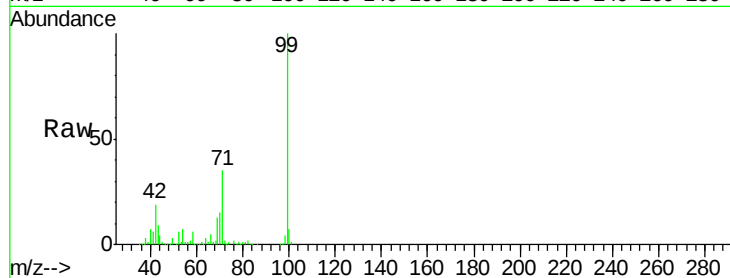
Tgt Ion: 99 Resp: 297759

Ion Ratio Lower Upper

99 100

42 19.0 13.6 20.4

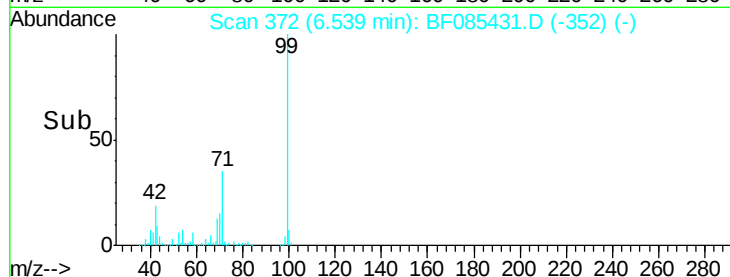
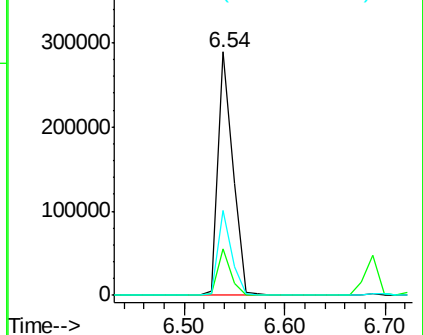
71 34.7 26.7 40.1



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: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

Tgt Ion: 136 Resp: 612357

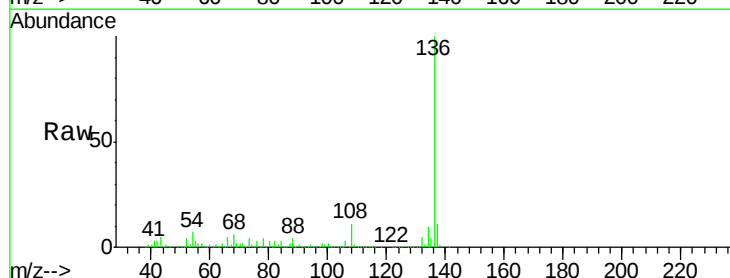
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.4 7.4 11.2#

68 6.1 6.0 9.0

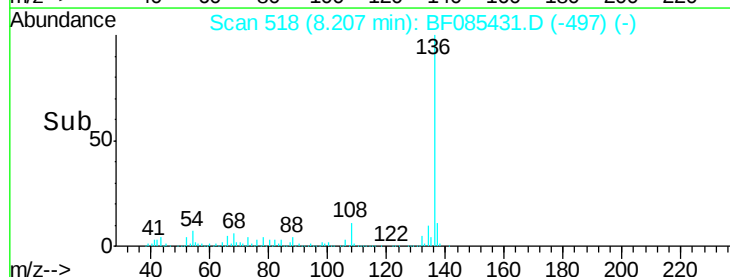
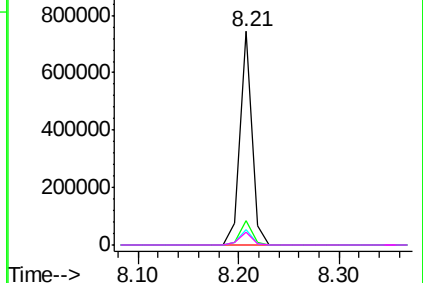


Abundance Ion 136.00 (135.70 to 136.70): E

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

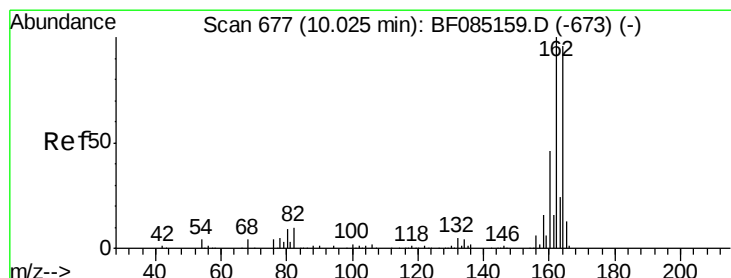
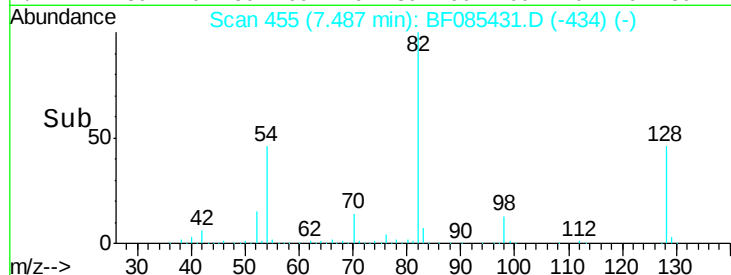
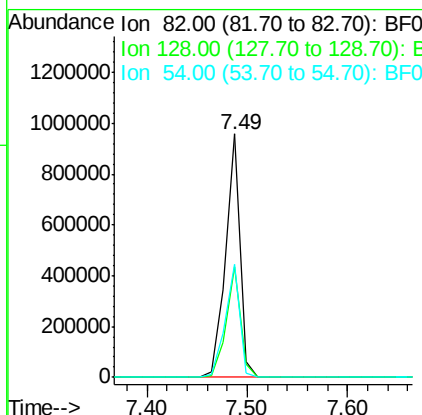
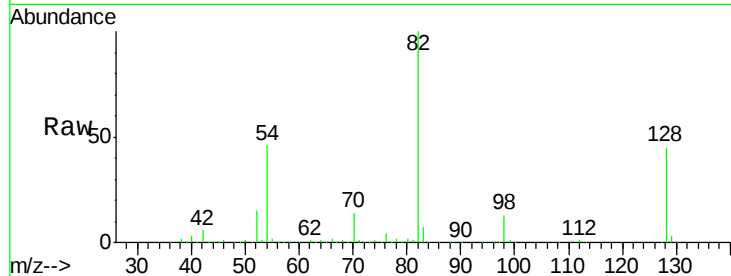




#23
 Nitrobenzene-d5
 Concen: 83.51 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.06 min
 Lab File: BF085431.D
 Acq: 14 Mar 2016 16:18

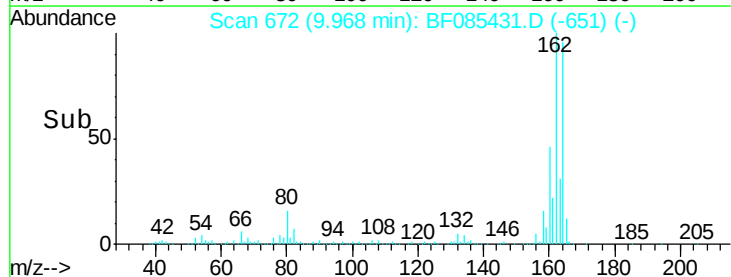
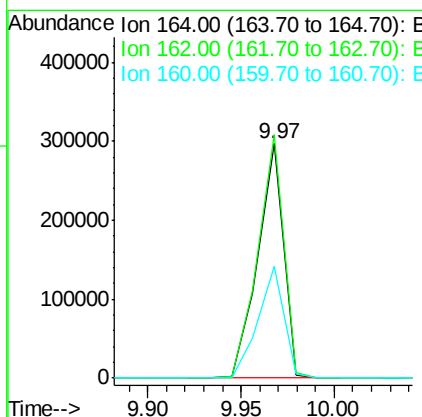
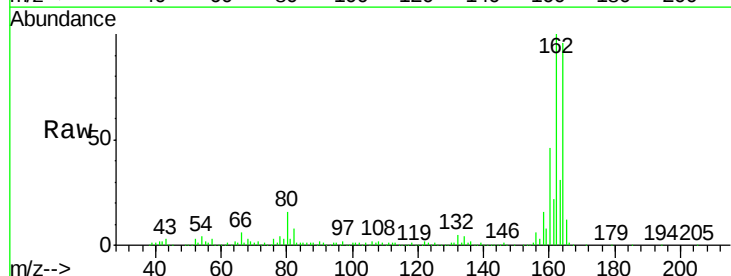
Instrument :
 BNA_F
 ClientSampleId :
 SWD-1 (1ST-QUART-2016)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.5	51.7
54	46.3	39.3	58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF085431.D
 Acq: 14 Mar 2016 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.3	124.9
160	47.5	37.9	56.9

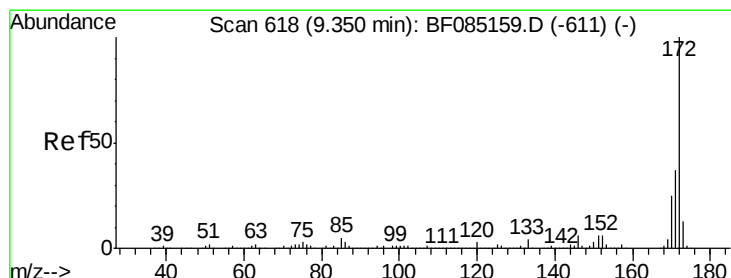
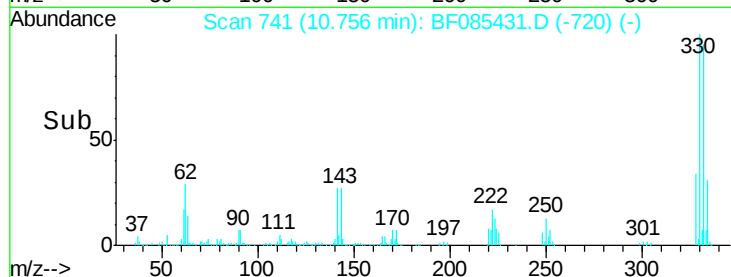
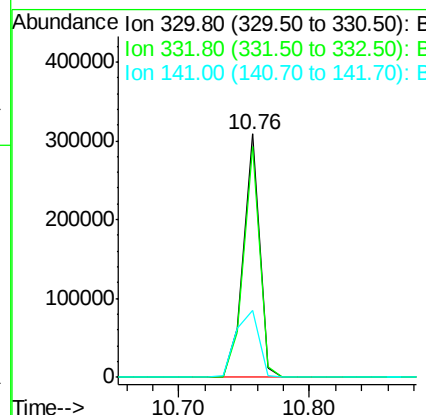
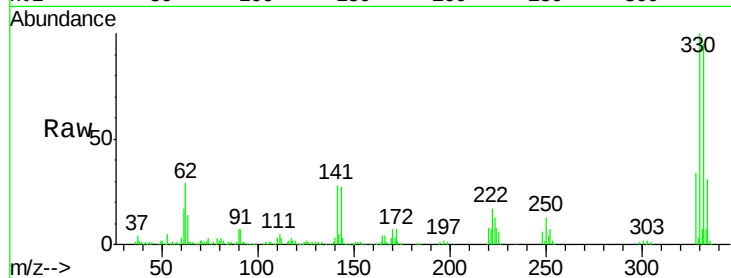




#41
 2,4,6-Tribromophenol
 Concen: 109.92 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085431.D
 Acq: 14 Mar 2016 16:18

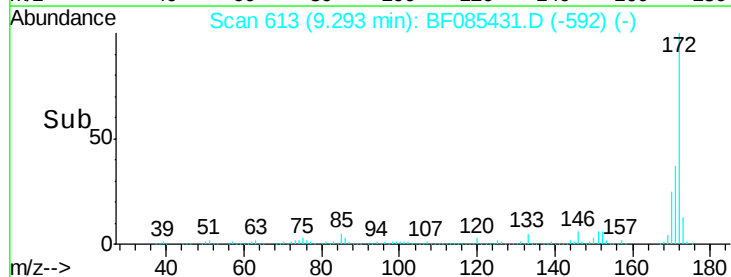
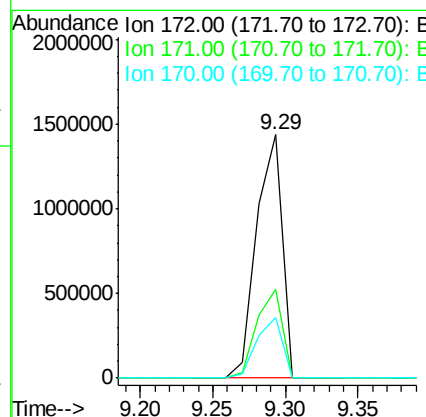
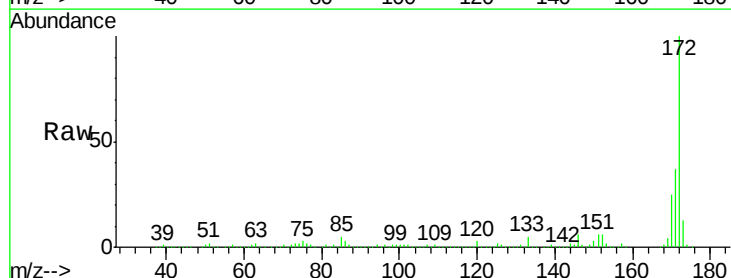
Instrument :
 BNA_F
 ClientSampleId :
 SWD-1 (1ST-QUART-2016)

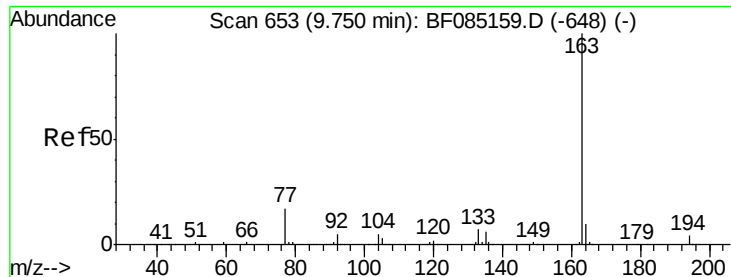
Tgt Ion:330 Resp: 265248
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.1 115.7
 141 39.0 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 95.15 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085431.D
 Acq: 14 Mar 2016 16:18

Tgt Ion:172 Resp: 1764396
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.7 20.0 30.0





#49

Dimethylphthalate

Concen: 5.87 ng

RT: 9.68 min Scan# 647

Delta R.T. -0.07 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SWD-1 (1ST-QUART-2016)

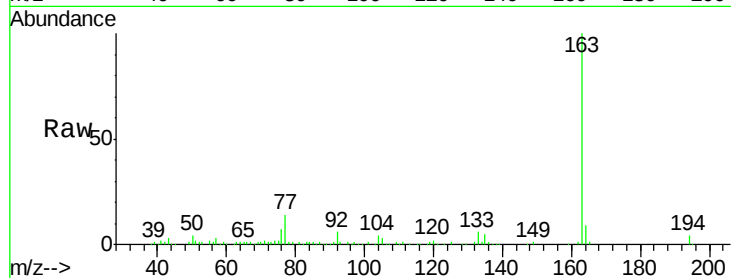
Tgt Ion:163 Resp: 127092

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

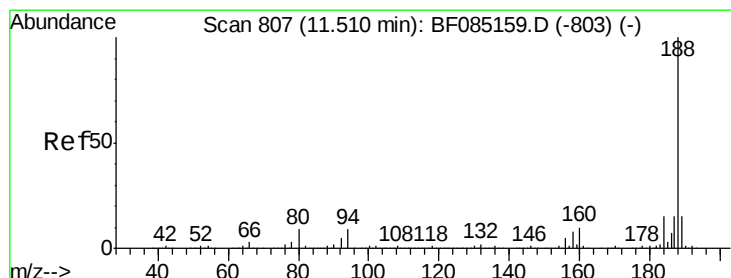
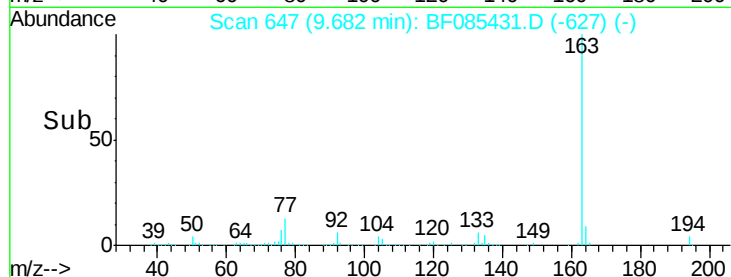
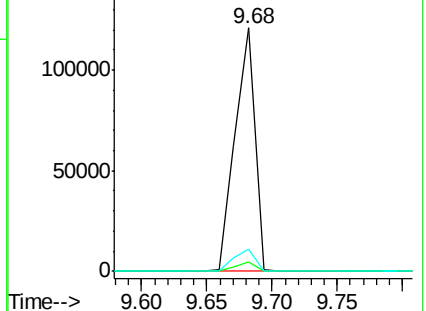
164 9.1 8.2 12.4



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: 11.45 min Scan# 802

Delta R.T. -0.06 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

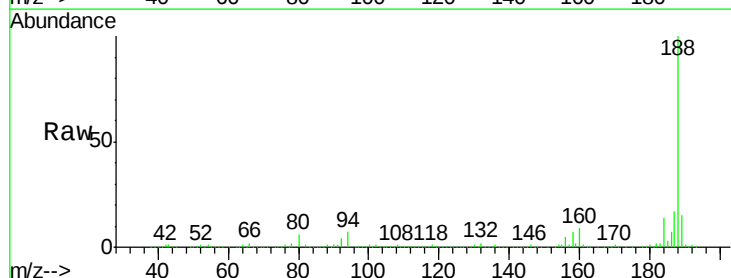
Tgt Ion:188 Resp: 507596

Ion Ratio Lower Upper

188 100

94 6.6 7.0 10.6#

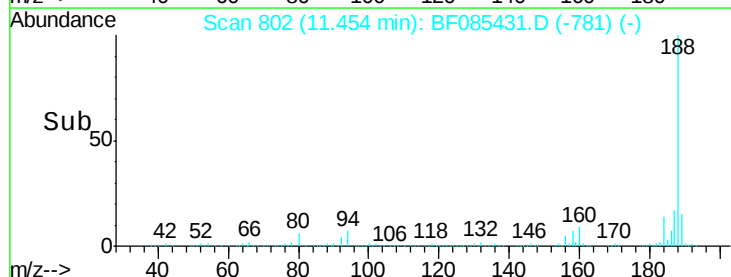
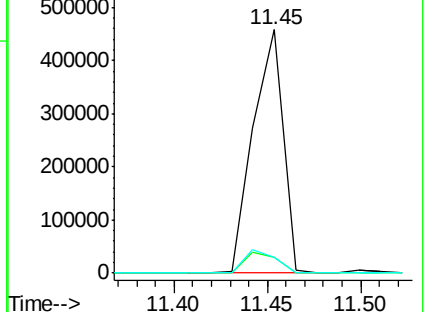
80 6.4 7.4 11.0#

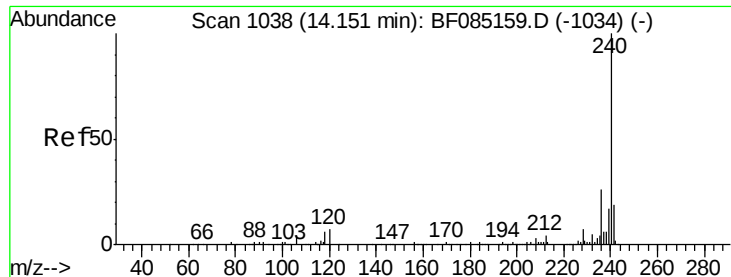


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.08 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SWD-1 (1ST-QUART-2016)

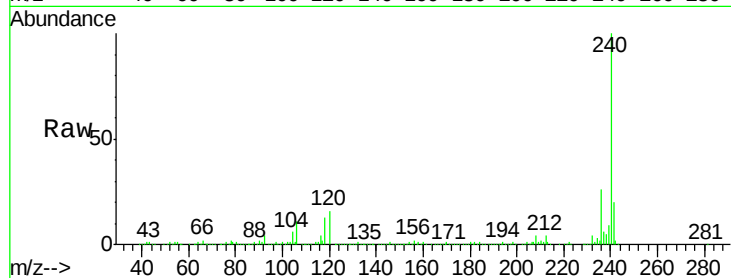
Tgt Ion:240 Resp: 286736

Ion Ratio Lower Upper

240 100

120 15.7 5.3 7.9#

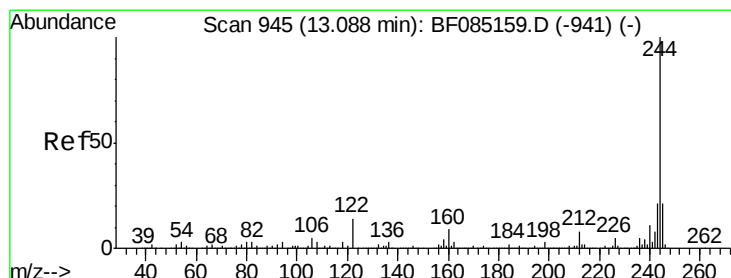
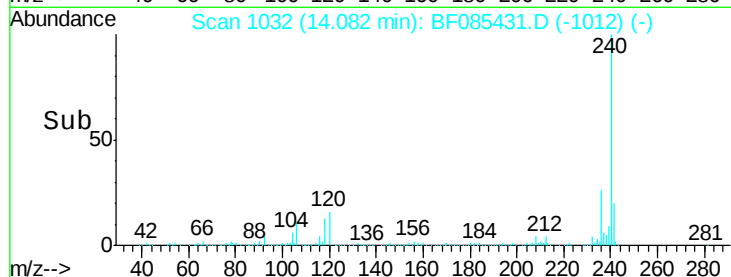
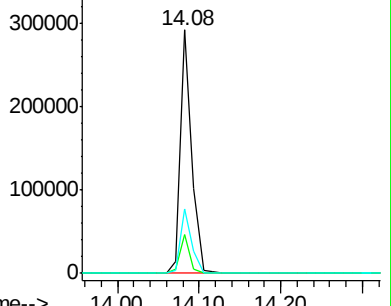
236 26.4 20.7 31.1



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: 124.48 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

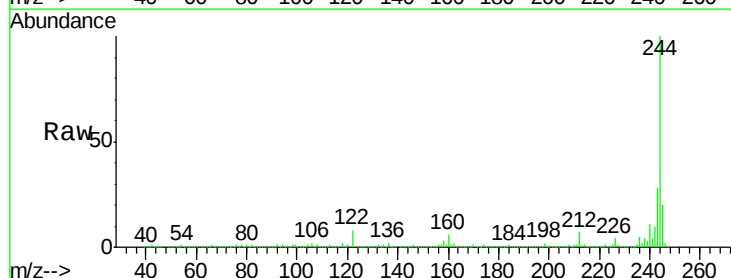
Tgt Ion:244 Resp: 1537510

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

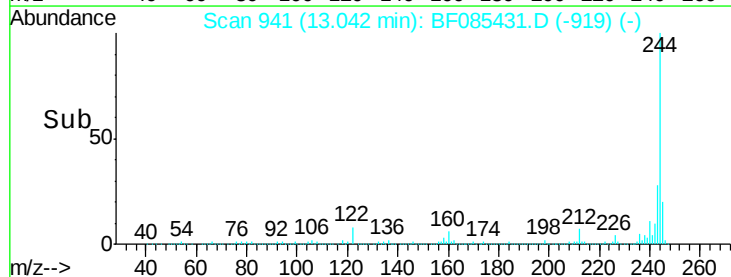
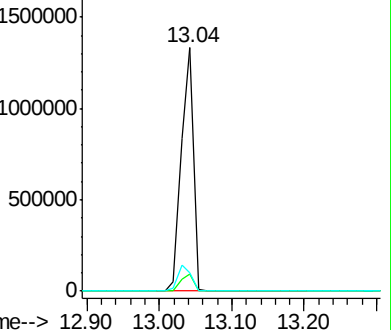
122 7.6 11.4 17.2#

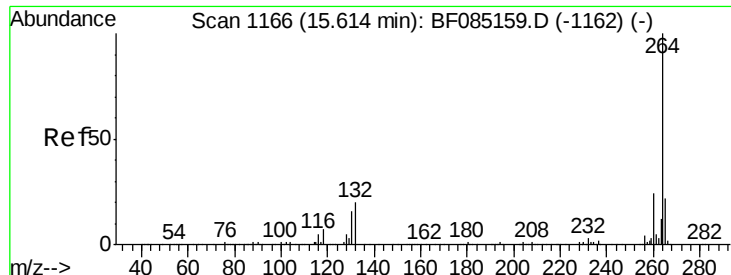


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

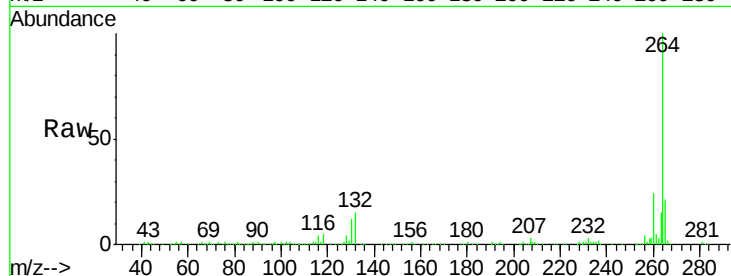




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085431.D
Acq: 14 Mar 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SWD-1 (1ST-QUART-2016)

Tgt Ion: 264 Resp: 242772
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.2 17.3 25.9



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

