

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082886.D
 Acq On : 10 Nov 2015 23:11
 Operator : UM/IZ
 Sample : G4306-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-2

Quant Time: Nov 13 18:22:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

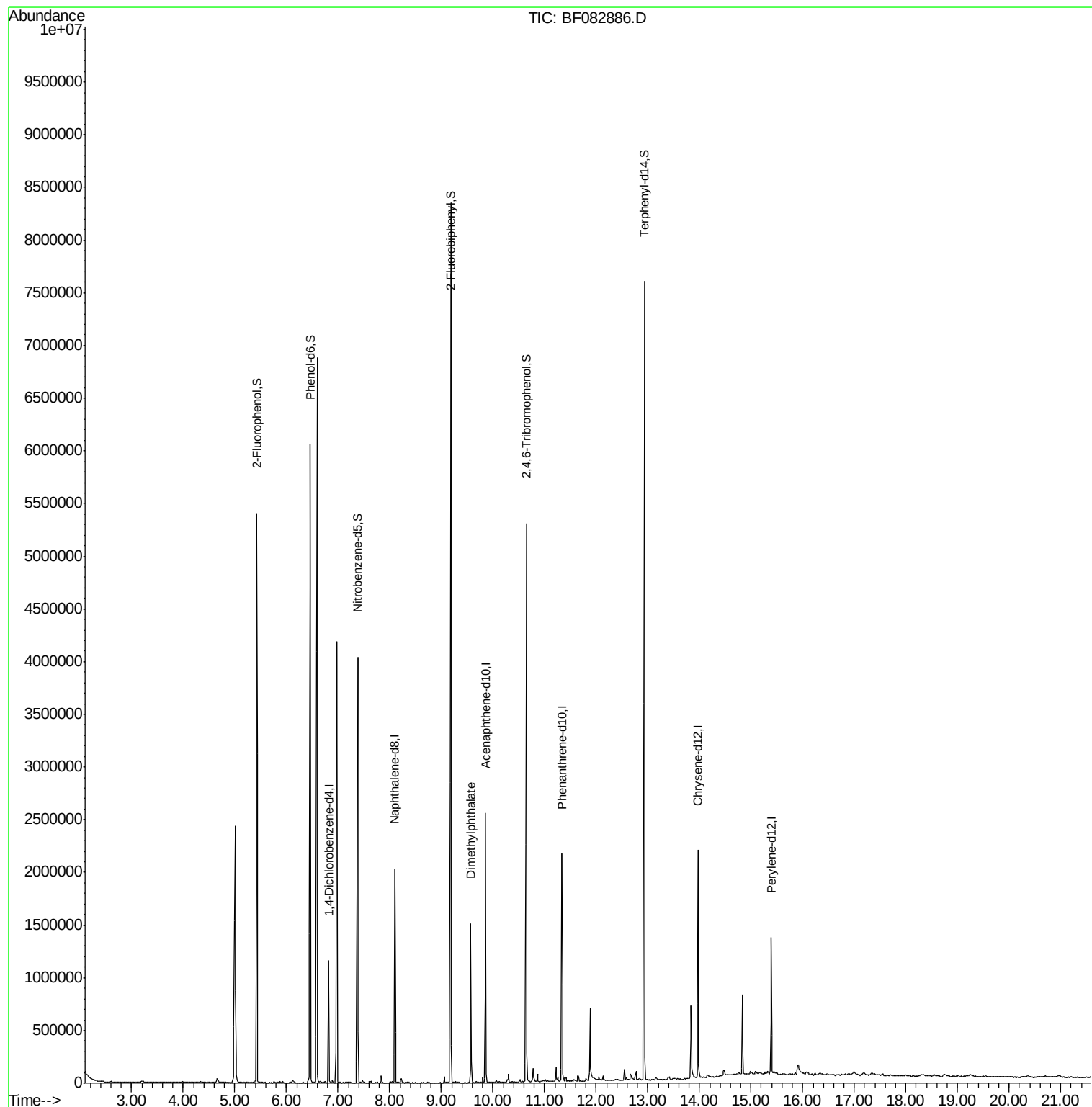
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	242522	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	900955	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	523352	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	866906	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	745582	20.00	ng	-0.05
86) Perylene-d12	15.39	264	571697	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2018950	129.53	ng	-0.02
7) Phenol-d6	6.46	99	2924466	141.13	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1617732	78.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	599651	99.93	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	2508071	68.69	ng	-0.03
78) Terphenyl-d14	12.93	244	2482596	78.98	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.57	163	536774	12.52	ng	Qvalue 99

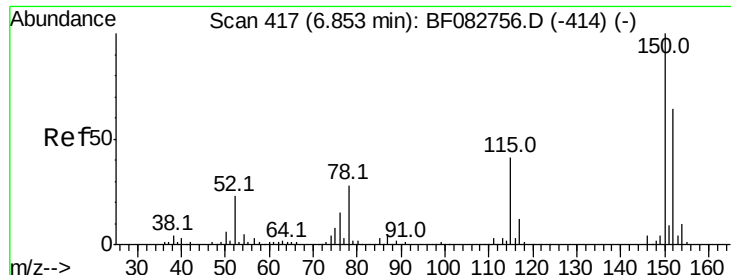
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

Instrument :

BNA_F

ClientSampled :

E2-2

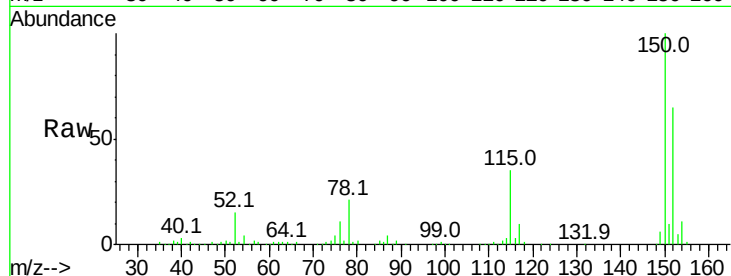
Tot Ion:152 Resp: 242522

Ion Ratio Lower Upper

152 100

150 153.8 127.0 190.4

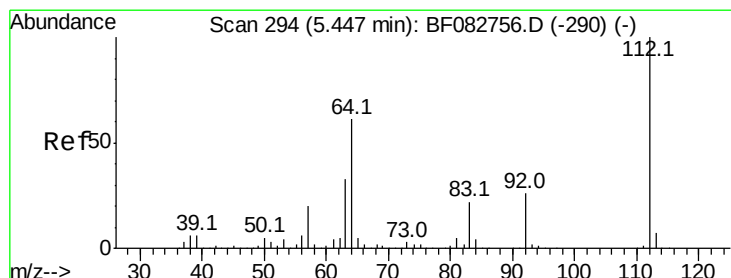
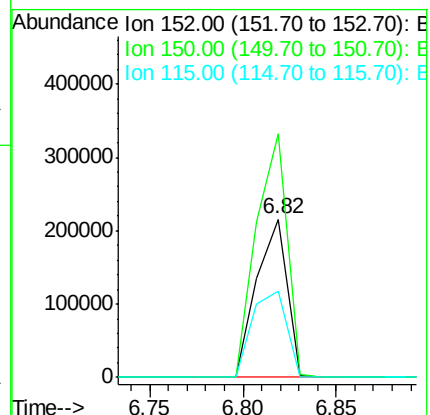
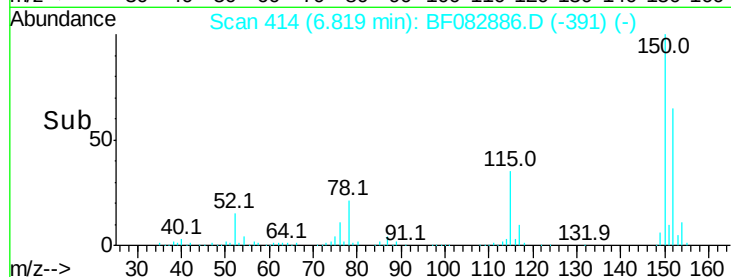
115 54.5 47.0 70.6



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: 129.53 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

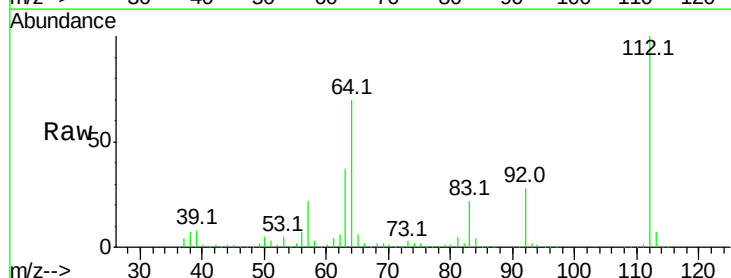
Tgt Ion:112 Resp: 2018950

Ion Ratio Lower Upper

112 100

64 70.1 48.9 73.3

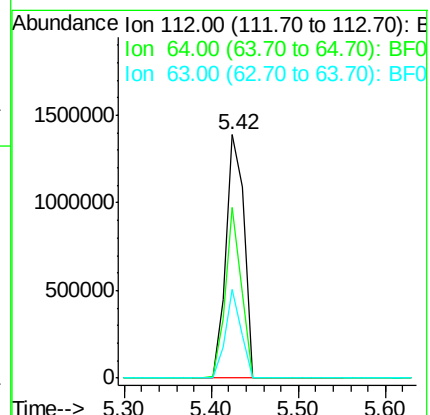
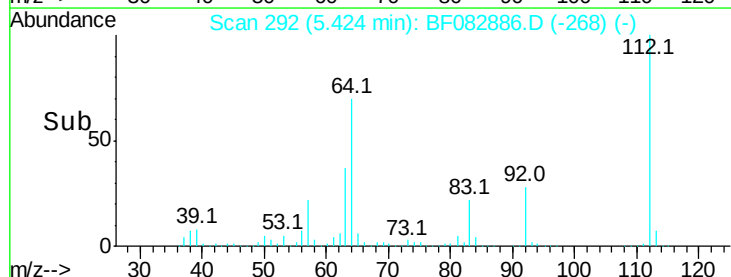
63 36.5 28.1 42.1

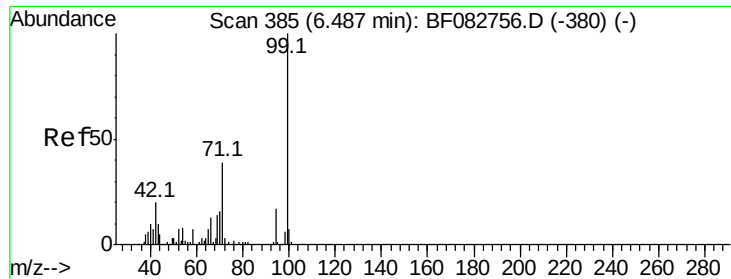


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.13 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

Instrument :

BNA_F

ClientSampleId :

E2-2

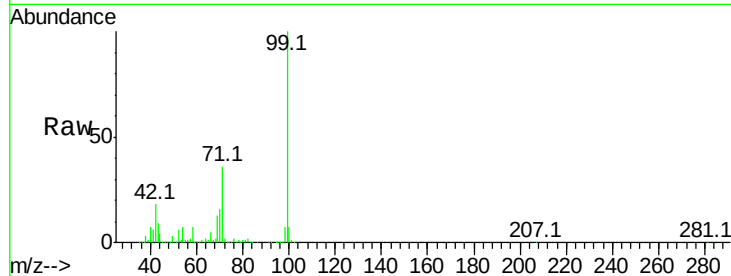
Tot Ion: 99 Resp: 2924466

Ion Ratio Lower Upper

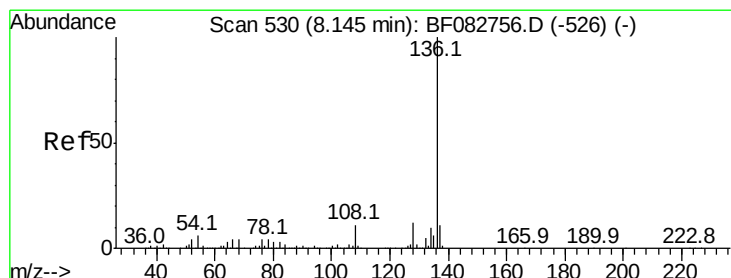
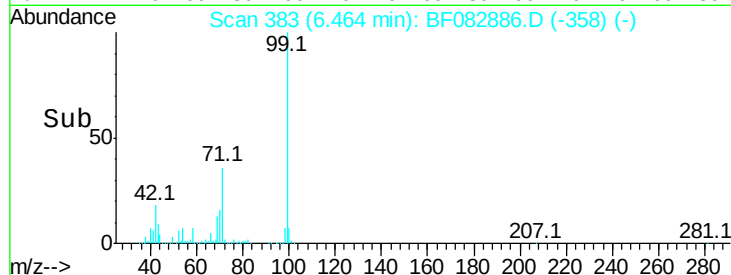
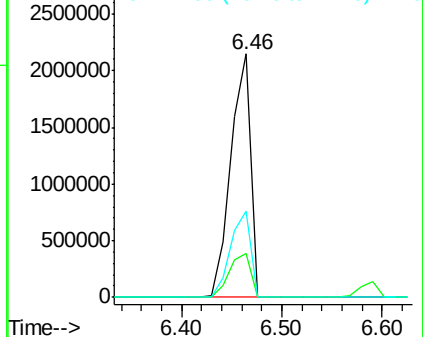
99 100

42 17.9 19.2 28.8#

71 35.6 35.0 52.4



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# 526

Delta R.T. -0.05 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

Tgt Ion: 136 Resp: 900955

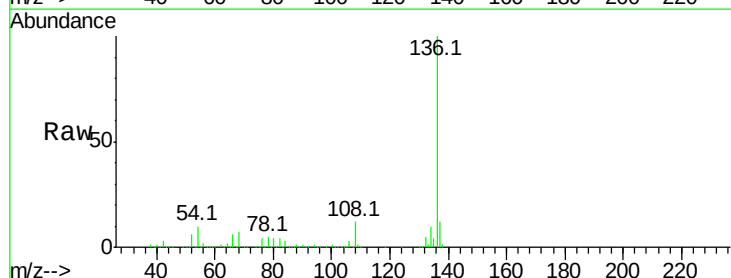
Ion Ratio Lower Upper

136 100

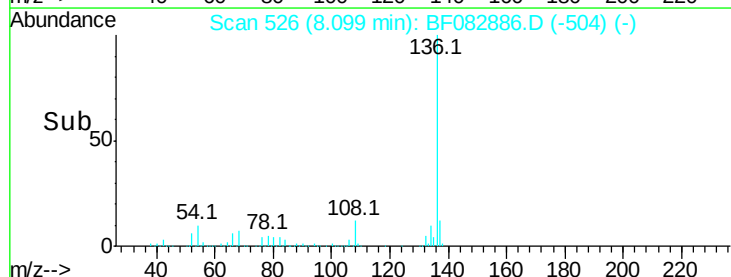
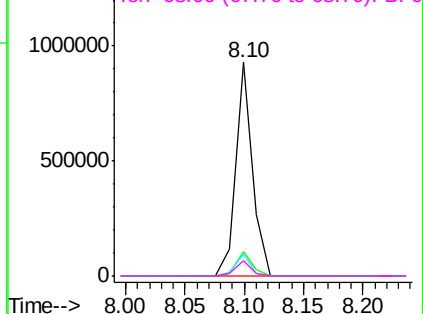
137 11.7 9.1 13.7

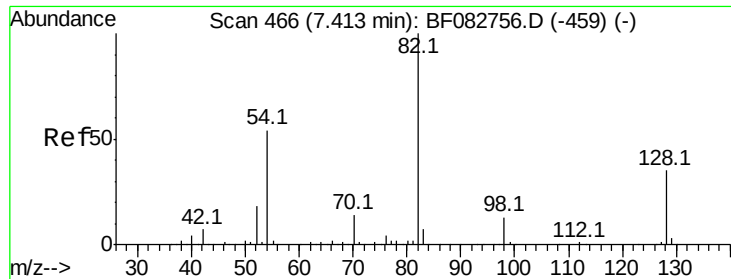
54 10.4 9.1 13.7

68 7.4 4.8 7.2#



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



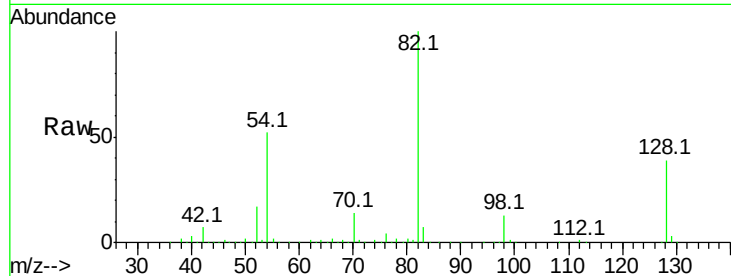


#23
 Nitrobenzene-d5
 Concen: 78.13 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082886.D
 Acq: 10 Nov 2015 23:11

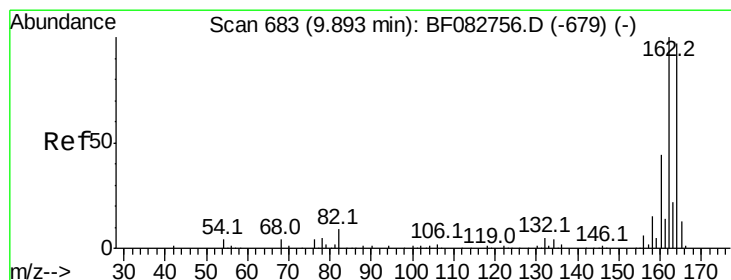
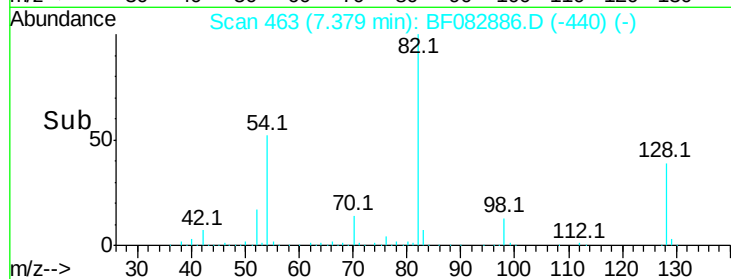
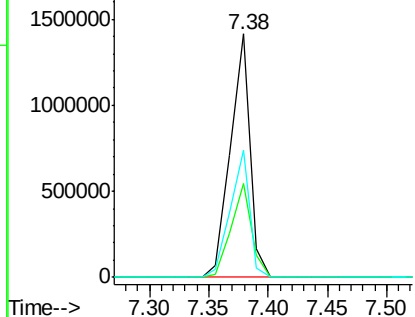
Instrument :
 BNA_F
 ClientSampled :
 E2-2

Tot Ion: 82 Resp: 1617732

Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.8	40.2
54	52.0	45.7	68.5



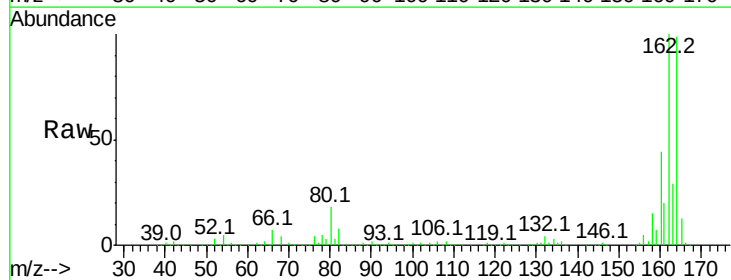
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



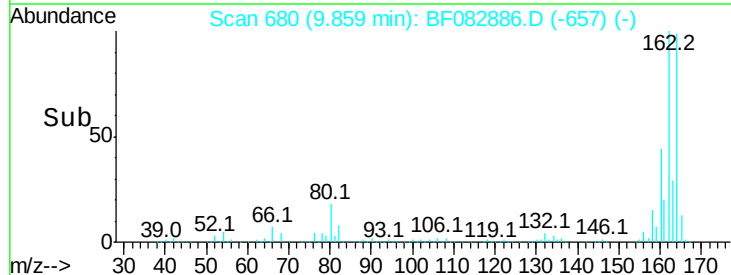
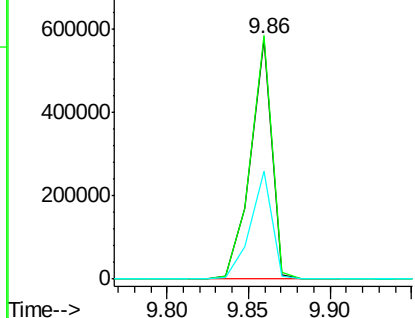
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF082886.D
 Acq: 10 Nov 2015 23:11

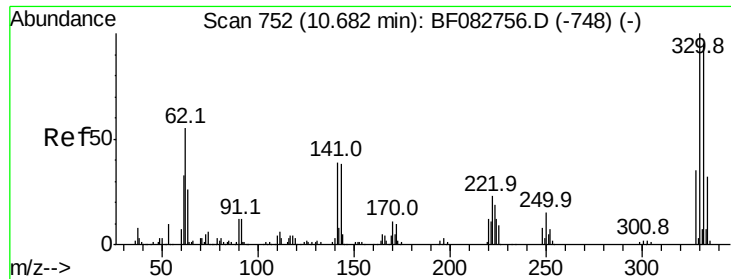
Tgt Ion: 164 Resp: 523352

Ion	Ratio	Lower	Upper
164	100		
162	101.3	84.9	127.3
160	44.9	37.5	56.3



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

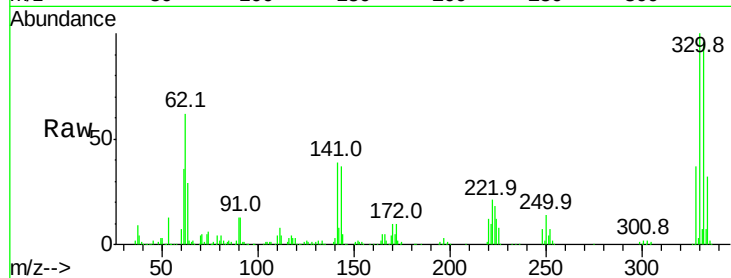




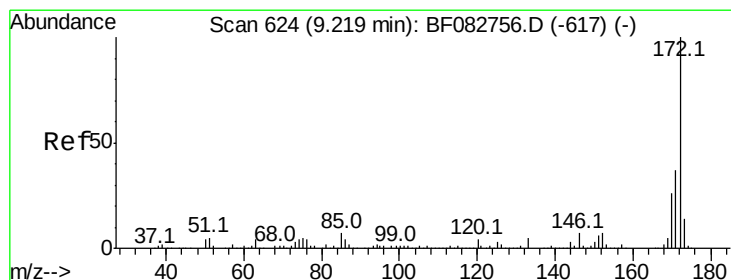
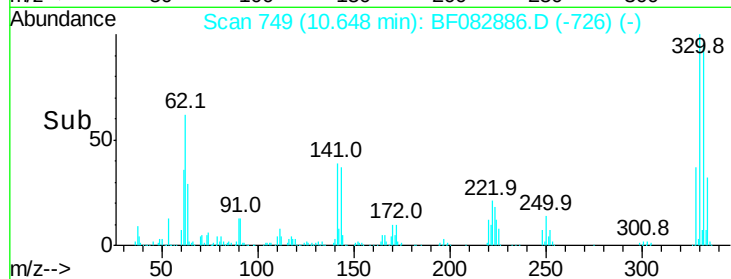
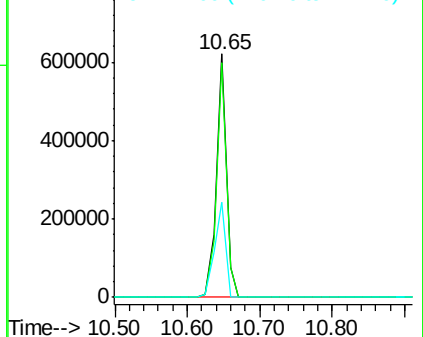
#41
 2,4,6-Tribromophenol
 Concen: 99.93 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082886.D
 Acq: 10 Nov 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	42.6	41.2	61.8

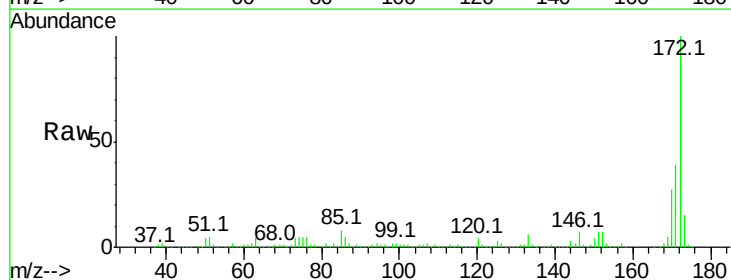


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

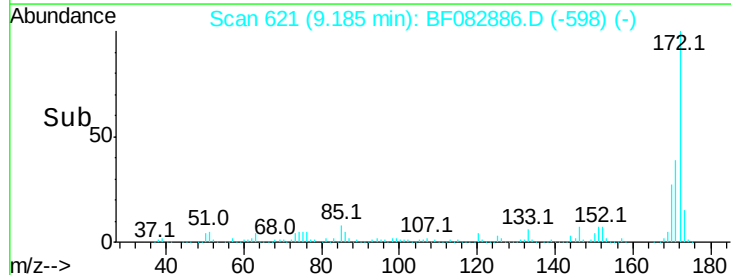
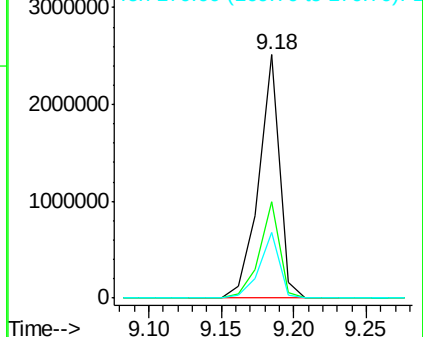


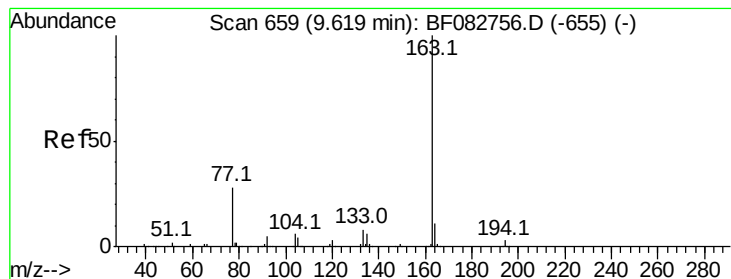
#44
 2-Fluorobiphenyl
 Concen: 68.69 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082886.D
 Acq: 10 Nov 2015 23:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.8	46.2
170	27.0	21.2	31.8



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





#49

Dimethylphthalate

Concen: 12.52 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

Instrument :

BNA_F

ClientSampleId :

E2-2

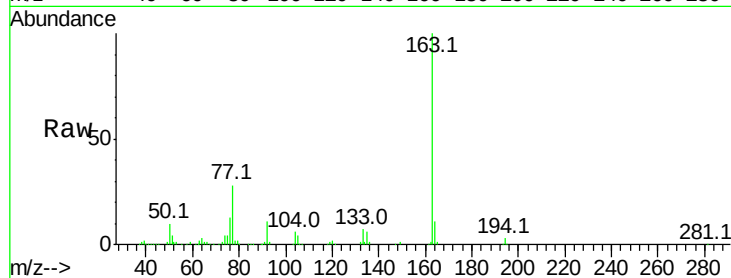
Tot Ion:163 Resp: 536774

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

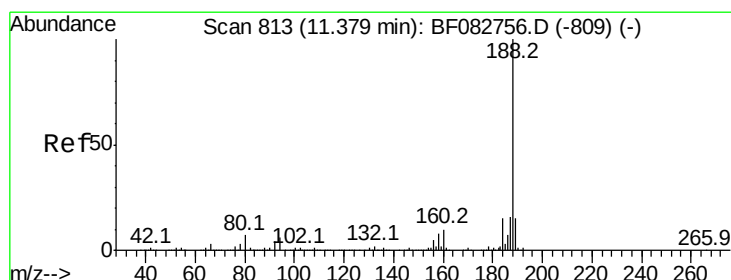
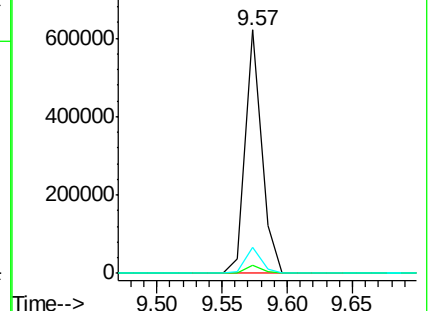
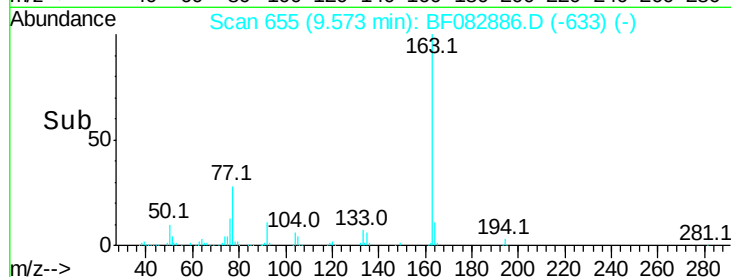
164 10.6 8.7 13.1



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: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

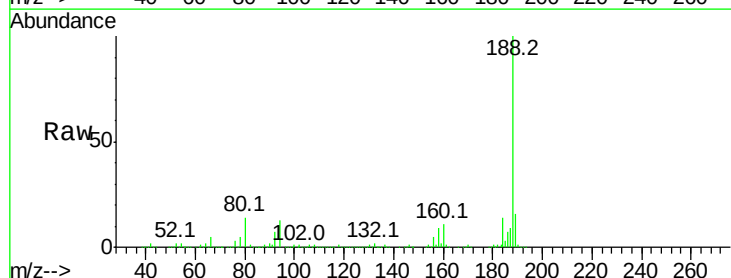
Tgt Ion:188 Resp: 866906

Ion Ratio Lower Upper

188 100

94 12.7 6.1 9.1#

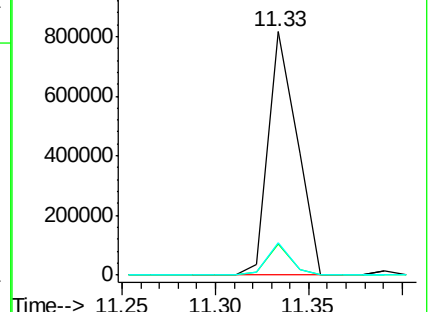
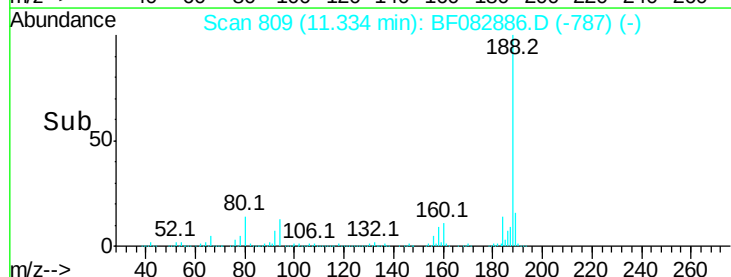
80 13.6 7.0 10.6#

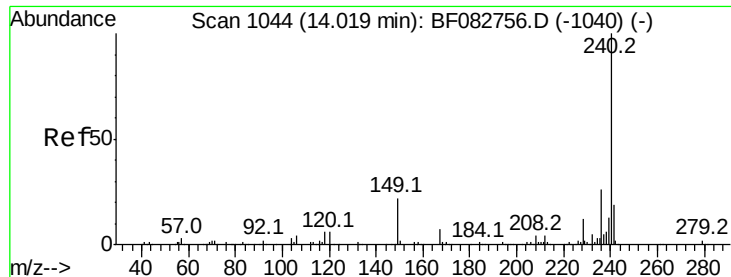


Abundance Ion 188.00 (187.70 to 188.70): E

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# 1040

Delta R.T. -0.05 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

Instrument :

BNA_F

ClientSampleId :

E2-2

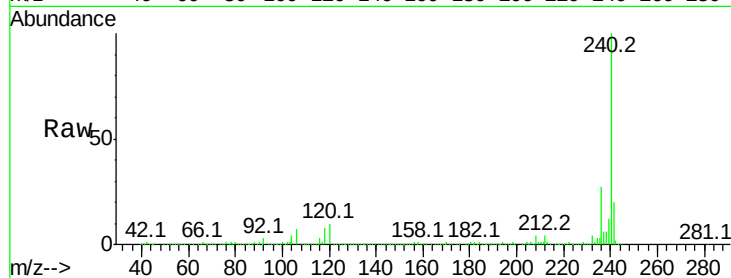
Tot Ion:240 Resp: 745582

Ion Ratio Lower Upper

240 100

120 9.5 10.9 16.3#

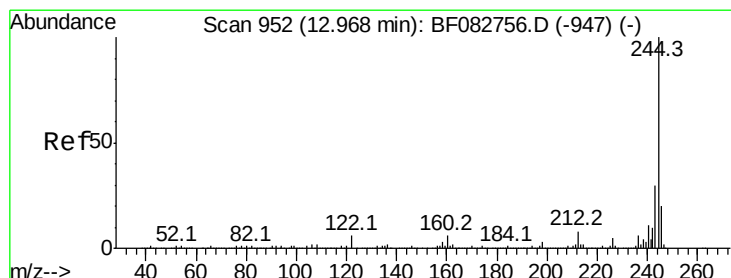
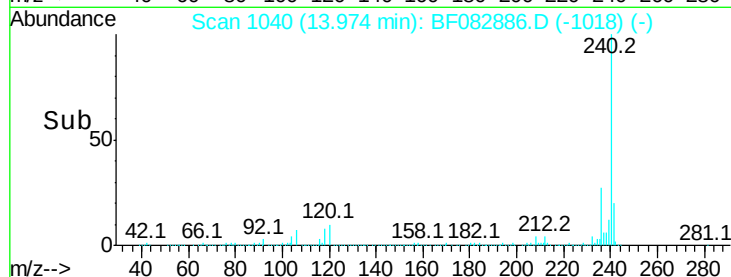
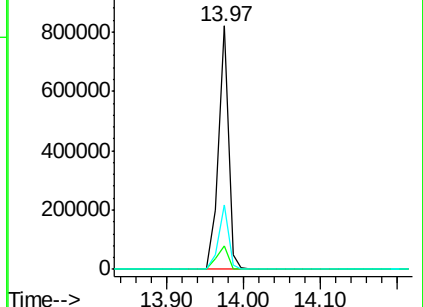
236 26.6 21.6 32.4



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: 78.98 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

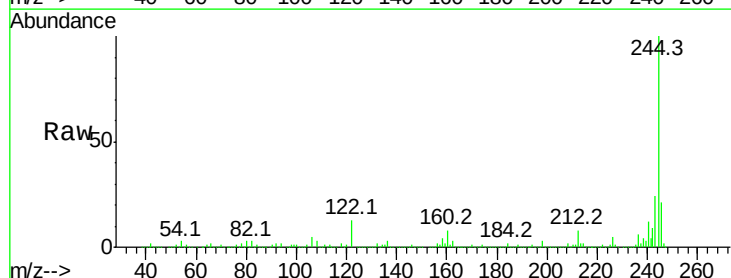
Tgt Ion:244 Resp: 2482596

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

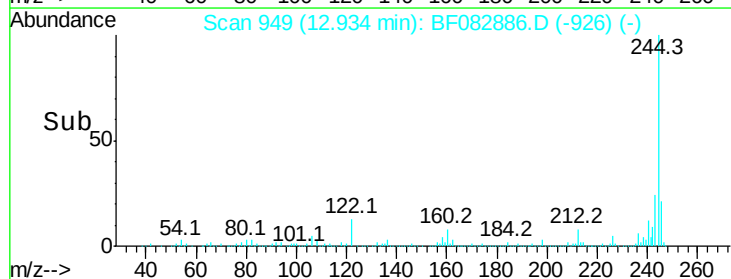
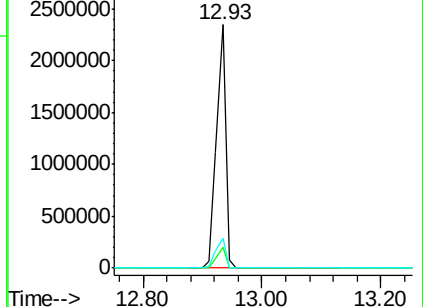
122 12.5 11.3 16.9

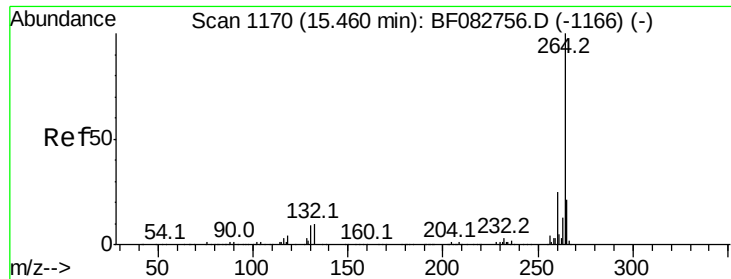


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1164
 Delta R.T. -0.07 min
 Lab File: BF082886.D
 Acq: 10 Nov 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-2

Tot Ion:	264	Resp:	571697
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.1	17.4	26.0

