

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082887.D
 Acq On : 10 Nov 2015 23:40
 Operator : UM/IZ
 Sample : G4246-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

Quant Time: Nov 13 18:24:06 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

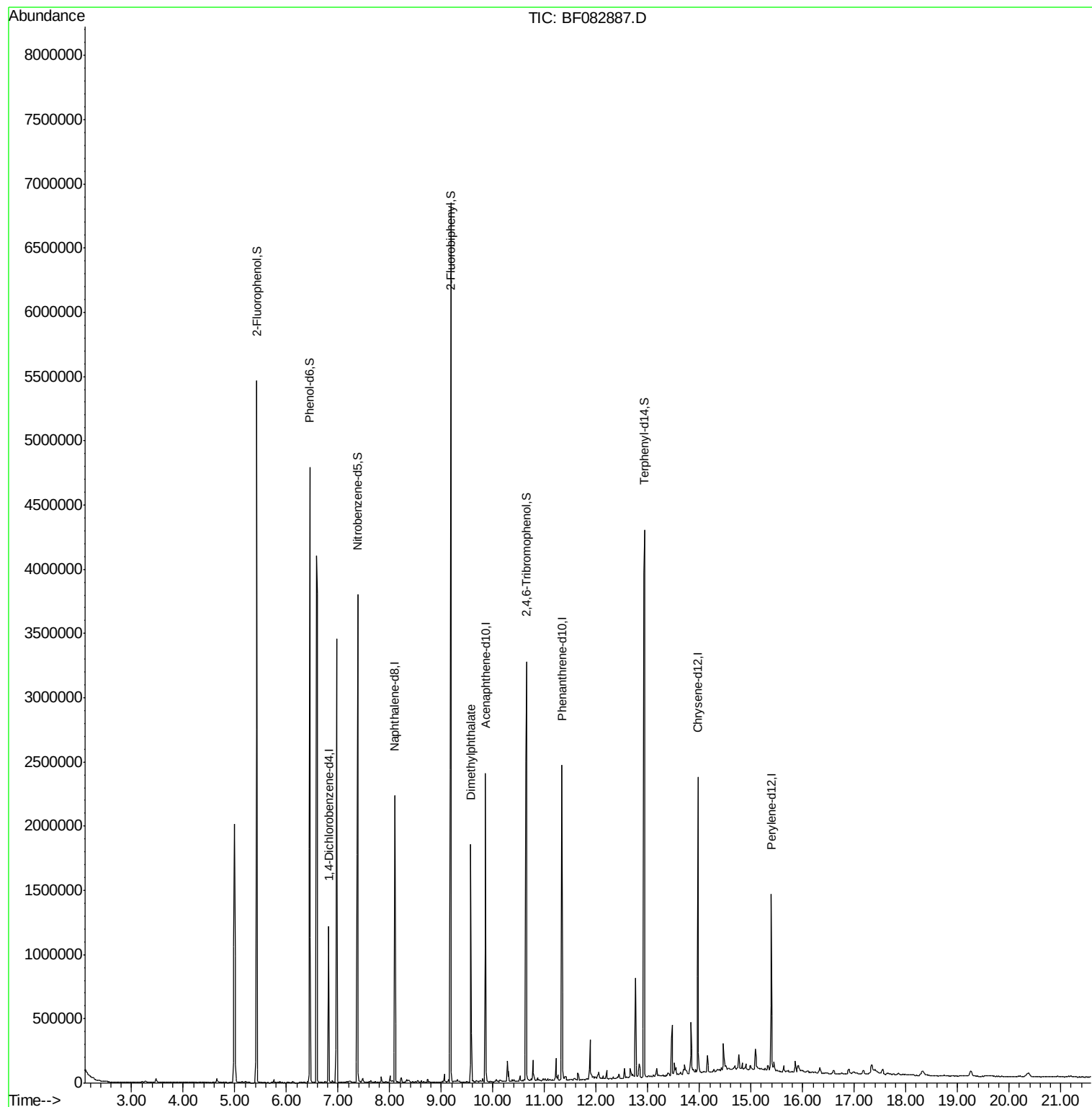
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	252304	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	942522	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	527447	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	884485	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	796306	20.00	ng	-0.05
86) Perylene-d12	15.39	264	621131	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1571688	96.92	ng	-0.02
7) Phenol-d6	6.45	99	1916410	88.90	ng	-0.02
23) Nitrobenzene-d5	7.38	82	1407916	65.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	521068	86.16	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	2087427	56.72	ng	-0.03
78) Terphenyl-d14	12.93	244	1979894	58.97	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	708307	16.39	ng	100

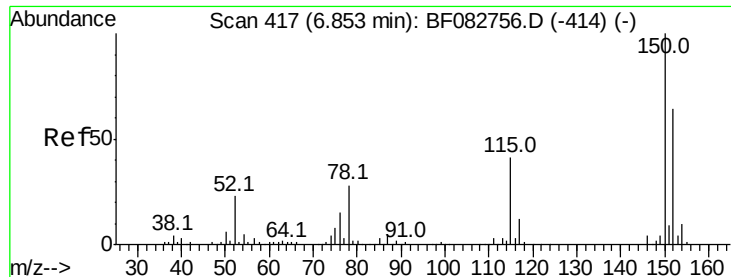
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

Instrument :

BNA_F

ClientSampleId :

T-14C

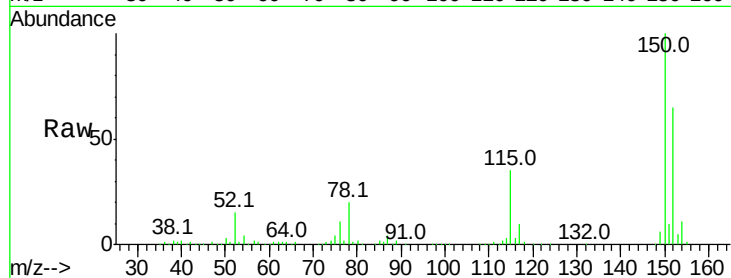
Tot Ion:152 Resp: 252304

Ion Ratio Lower Upper

152 100

150 154.8 127.0 190.4

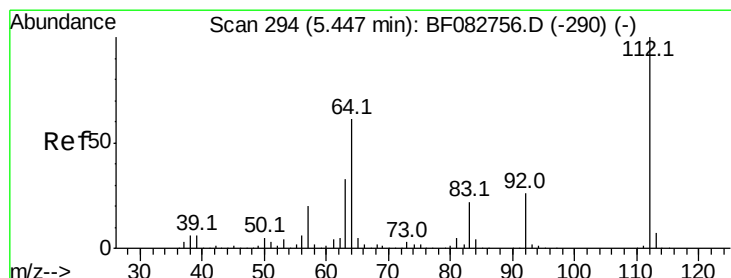
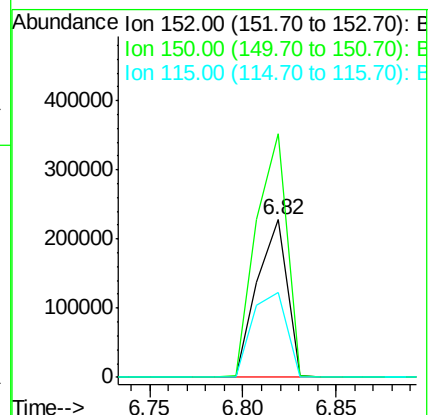
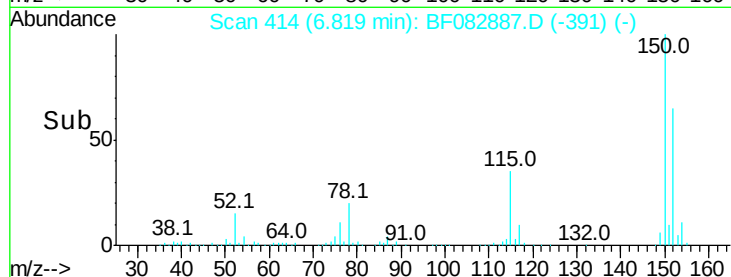
115 53.9 47.0 70.6



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: 96.92 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

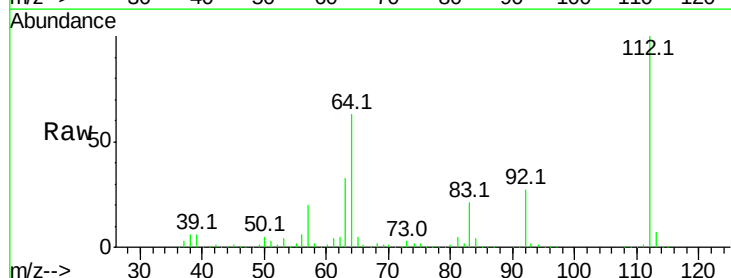
Tgt Ion:112 Resp: 1571688

Ion Ratio Lower Upper

112 100

64 63.2 48.9 73.3

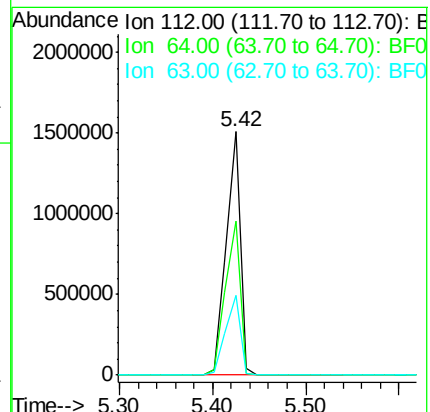
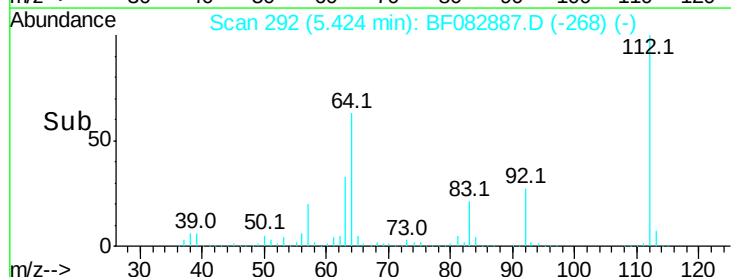
63 32.7 28.1 42.1

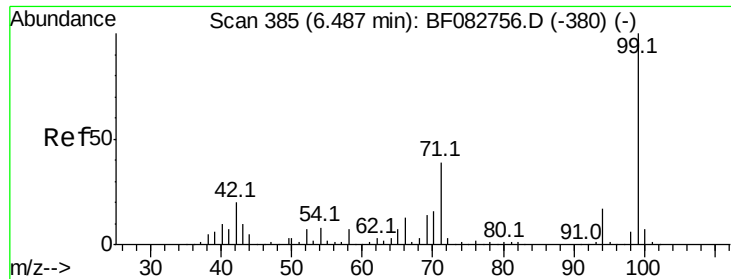


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.90 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

Instrument :

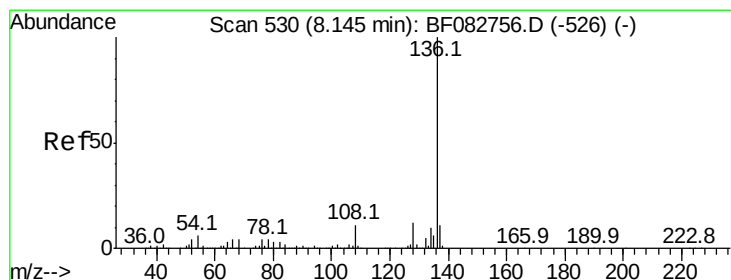
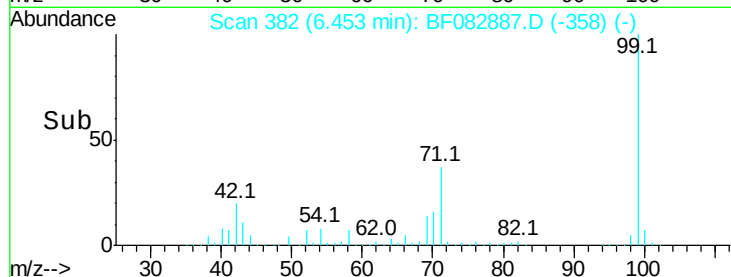
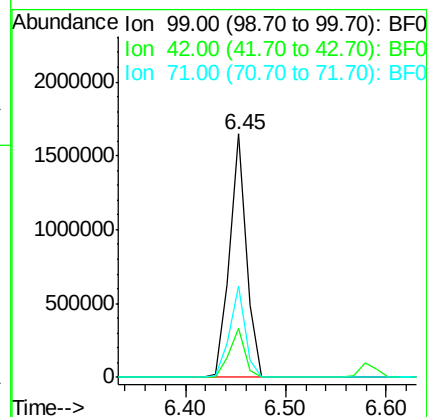
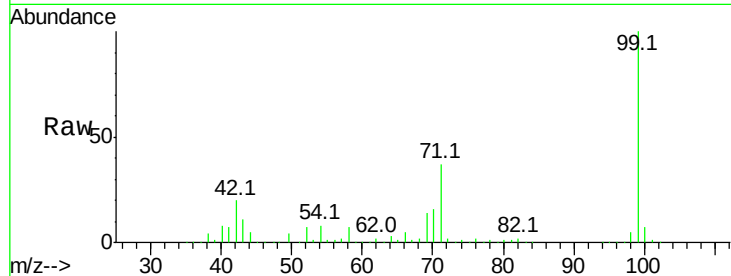
BNA_F

ClientSampleId :

T-14C

Tot Ion: 99 Resp: 1916410

Ion	Ratio	Lower	Upper
99	100		
42	19.9	19.2	28.8
71	37.3	35.0	52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

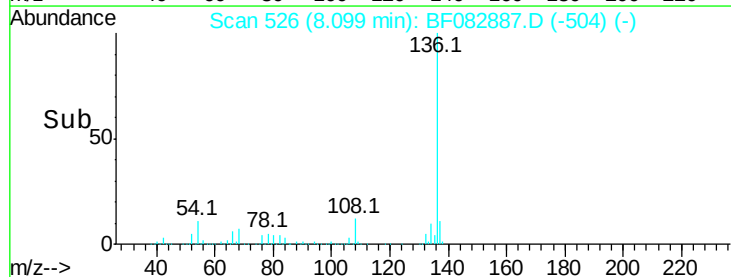
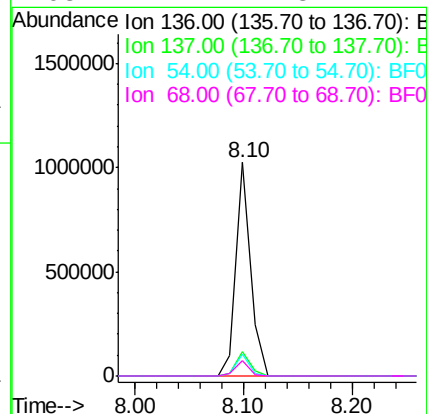
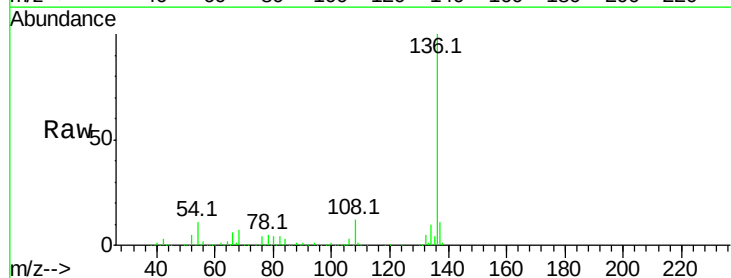
Delta R.T. -0.05 min

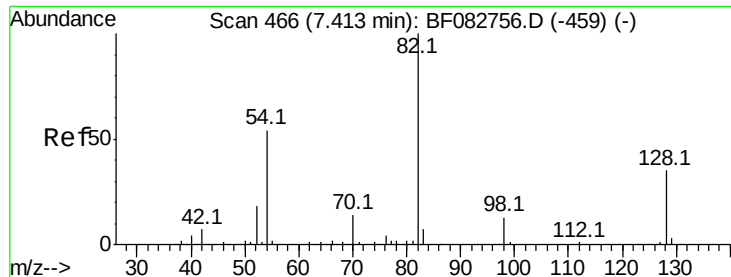
Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

Tgt Ion: 136 Resp: 942522

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.5	9.1	13.7
68	7.1	4.8	7.2

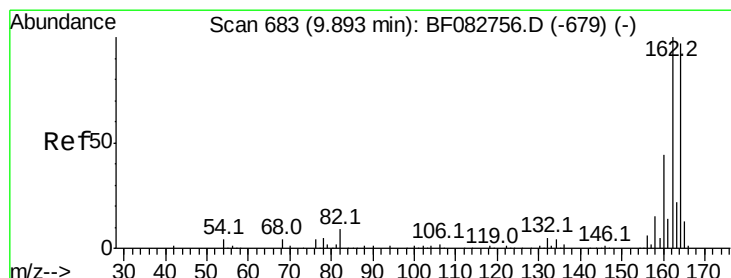
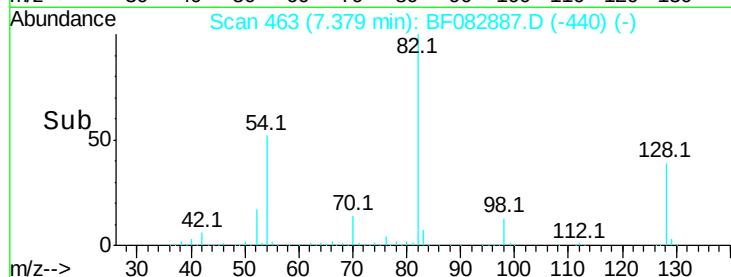
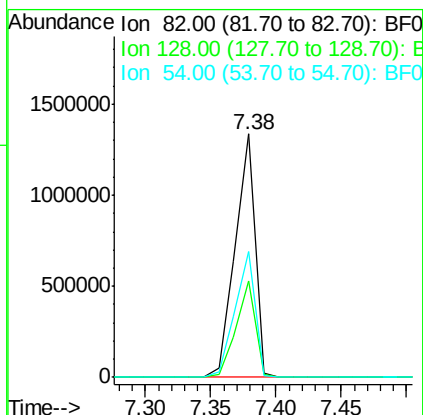
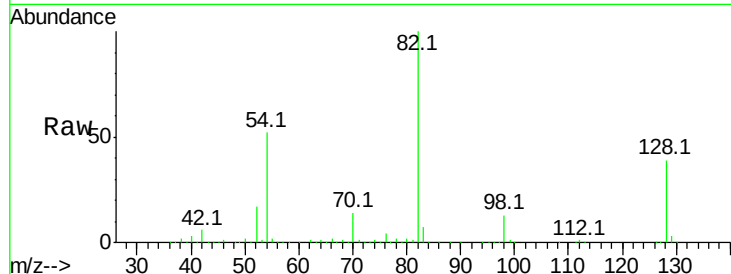




#23
Nitrobenzene-d5
Concen: 65.00 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF082887.D
Acq: 10 Nov 2015 23:40

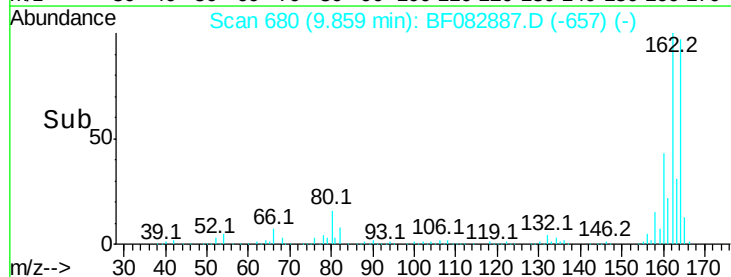
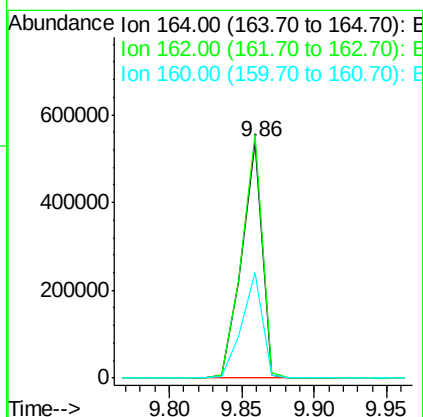
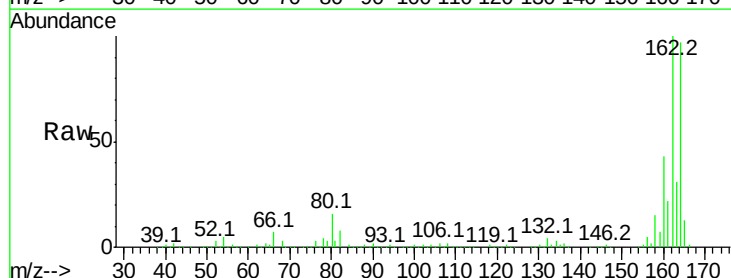
Instrument :
BNA_F
ClientSampled :
T-14C

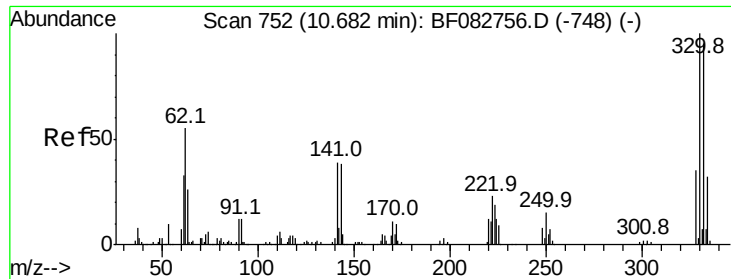
Tot Ion: 82 Resp: 1407916
Ion Ratio Lower Upper
82 100
128 39.4 26.8 40.2
54 51.6 45.7 68.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF082887.D
Acq: 10 Nov 2015 23:40

Tgt Ion: 164 Resp: 527447
Ion Ratio Lower Upper
164 100
162 103.1 84.9 127.3
160 44.7 37.5 56.3

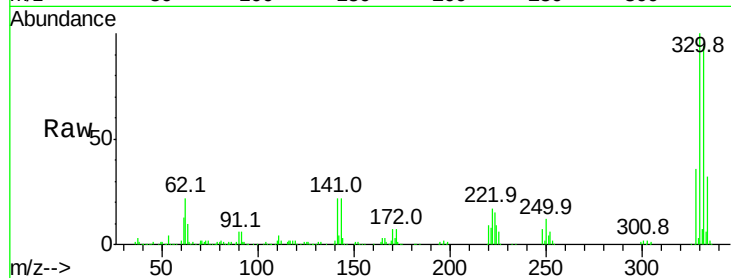




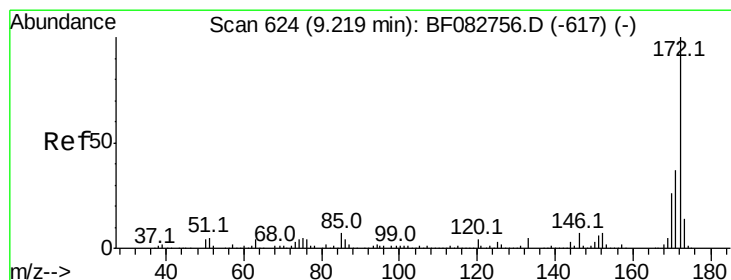
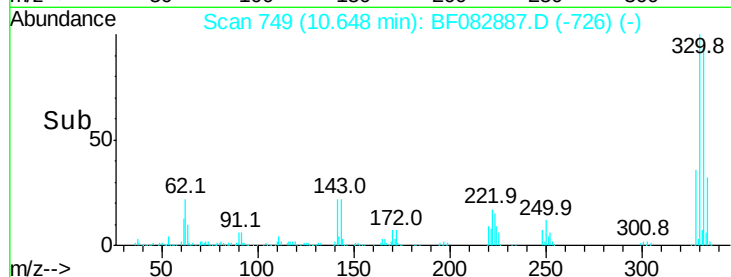
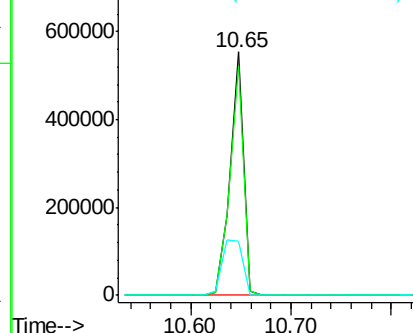
#41
 2,4,6-Tribromophenol
 Concen: 86.16 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082887.D
 Acq: 10 Nov 2015 23:40

Instrument :
 BNA_F
 ClientSampled :
 T-14C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	34.6	41.2	61.8#

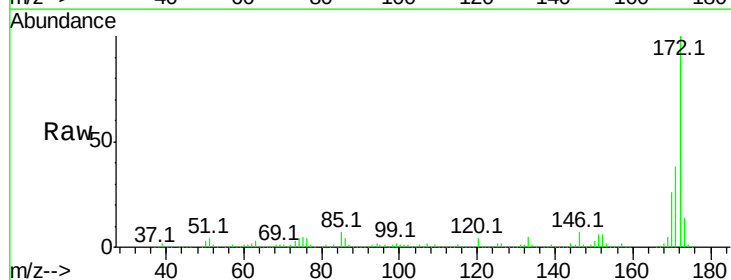


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

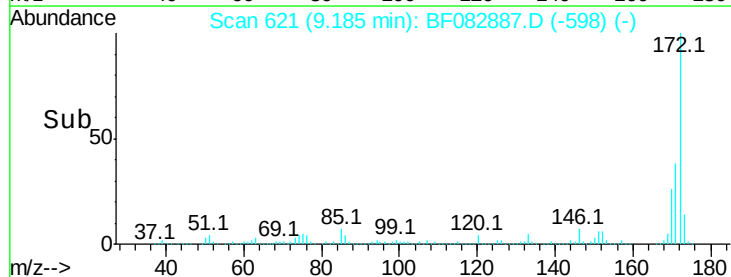
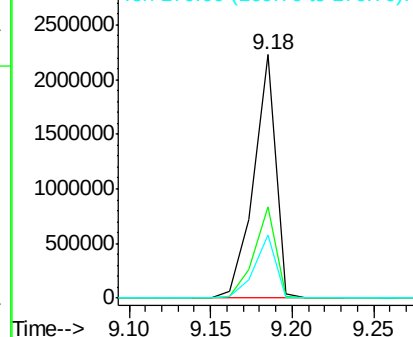


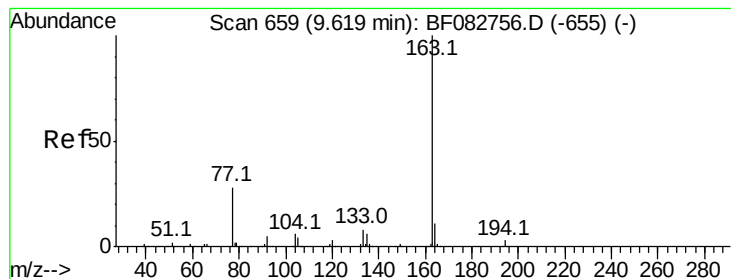
#44
 2-Fluorobiphenyl
 Concen: 56.72 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082887.D
 Acq: 10 Nov 2015 23:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.8	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: 16.39 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

Instrument :

BNA_F

ClientSampleId :

T-14C

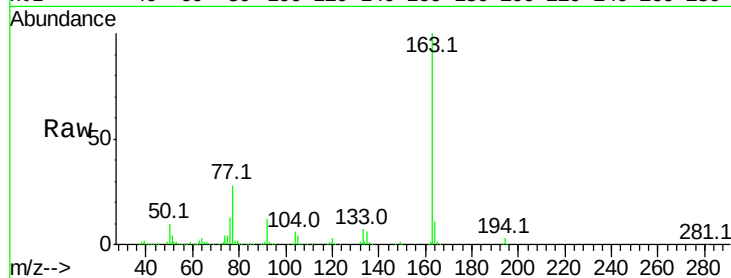
Tot Ion:163 Resp: 708307

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

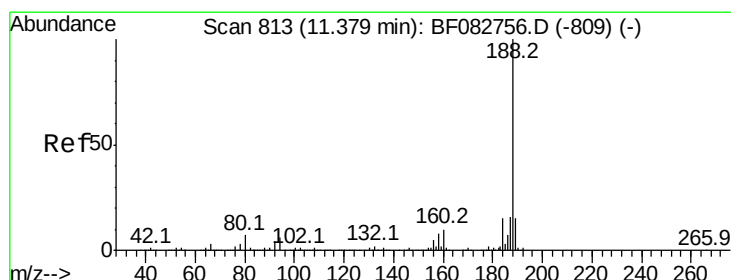
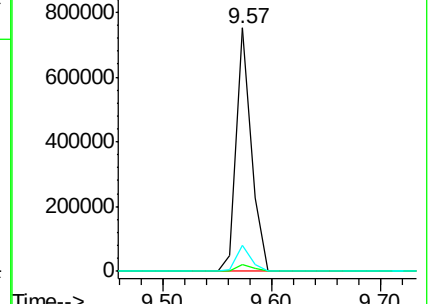
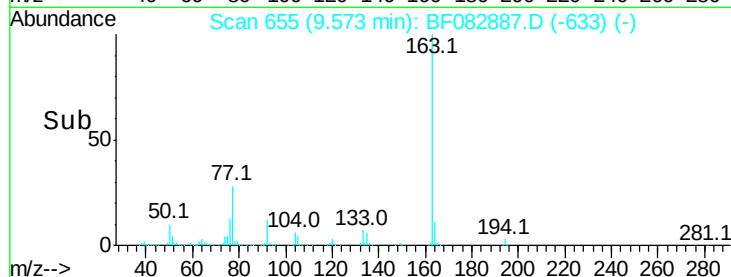
164 10.9 8.7 13.1



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: BF082887.D

Acq: 10 Nov 2015 23:40

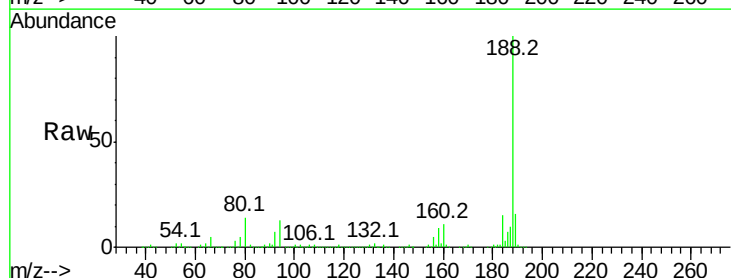
Tgt Ion:188 Resp: 884485

Ion Ratio Lower Upper

188 100

94 12.5 6.1 9.1#

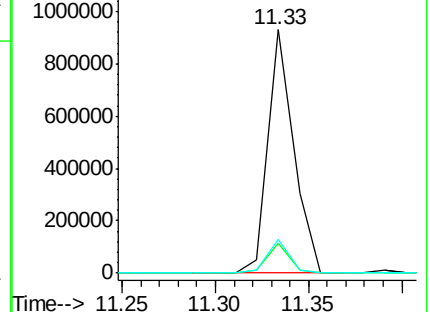
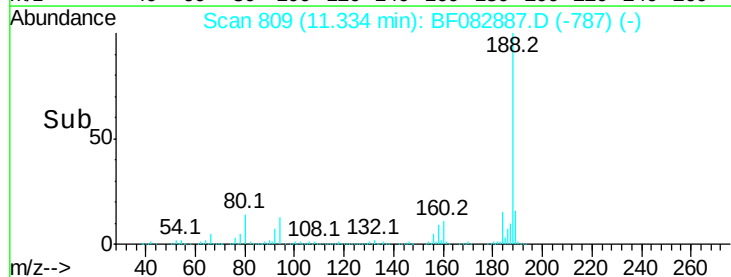
80 14.0 7.0 10.6#

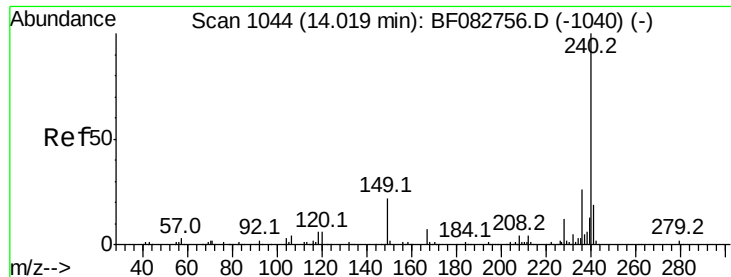


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF082887.D

Acq: 10 Nov 2015 23:40

Instrument :

BNA_F

ClientSampled :

T-14C

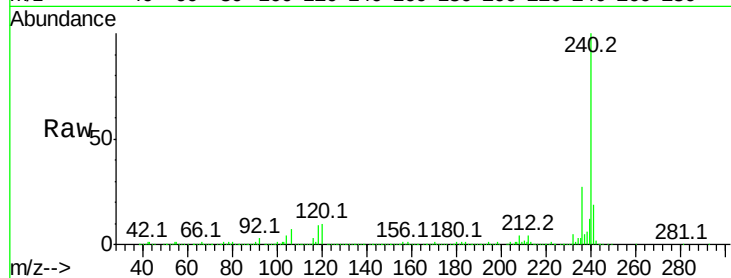
Tot Ion:240 Resp: 796306

Ion Ratio Lower Upper

240 100

120 9.8 10.9 16.3#

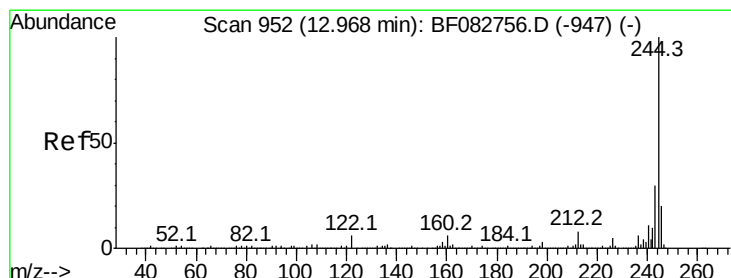
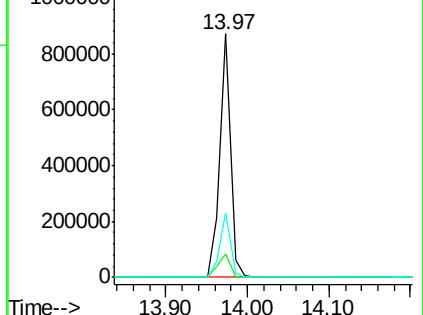
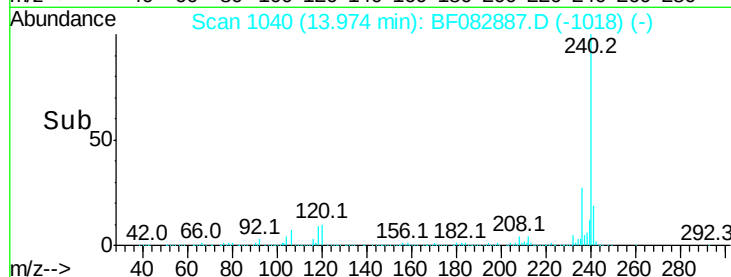
236 26.6 21.6 32.4



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: 58.97 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

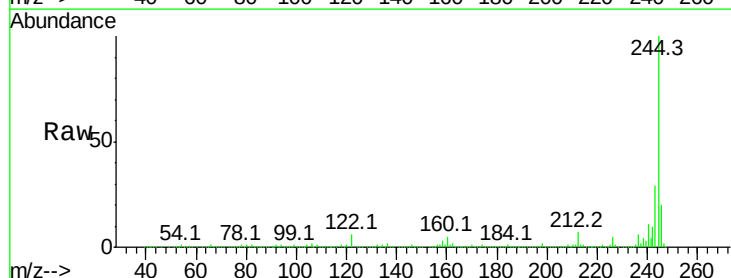
Tgt Ion:244 Resp: 1979894

Ion Ratio Lower Upper

244 100

212 6.8 7.6 11.4#

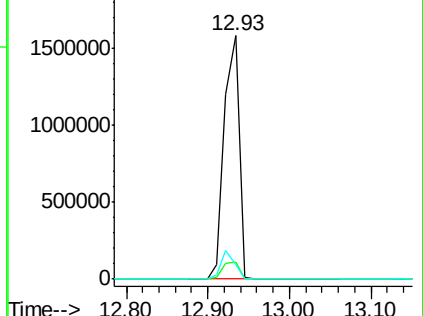
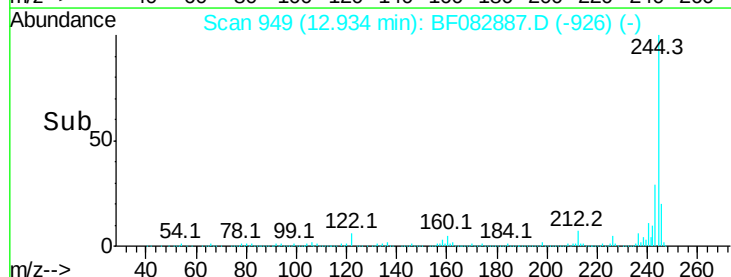
122 5.9 11.3 16.9#

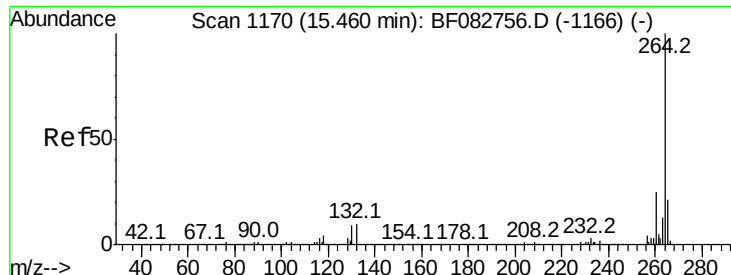


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

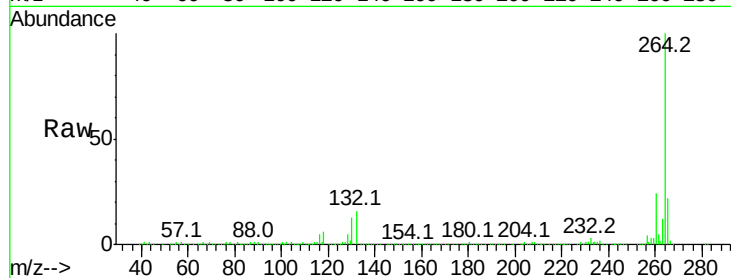




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.07 min
 Lab File: BF082887.D
 Acq: 10 Nov 2015 23:40

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

Tot Ion:	264	Resp:	621131
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	21.7	17.4	26.0



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

