

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082870.D
 Acq On : 10 Nov 2015 15:12
 Operator : UM/IZ
 Sample : G4325-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-A

Quant Time: Nov 10 16:13:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 16:08:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	258026	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	936023	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	529737	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	974537	20.00	ng	0.00
75) Chrysene-d12	13.97	240	961232	20.00	ng	-0.01
86) Perylene-d12	15.41	264	749291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1552032	93.59	ng	0.02
7) Phenol-d6	6.46	99	2041654	92.61	ng	0.00
23) Nitrobenzene-d5	7.38	82	1302549	60.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	494782	81.46	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2158141	58.39	ng	0.00
78) Terphenyl-d14	12.93	244	2232075	55.08	ng	0.00

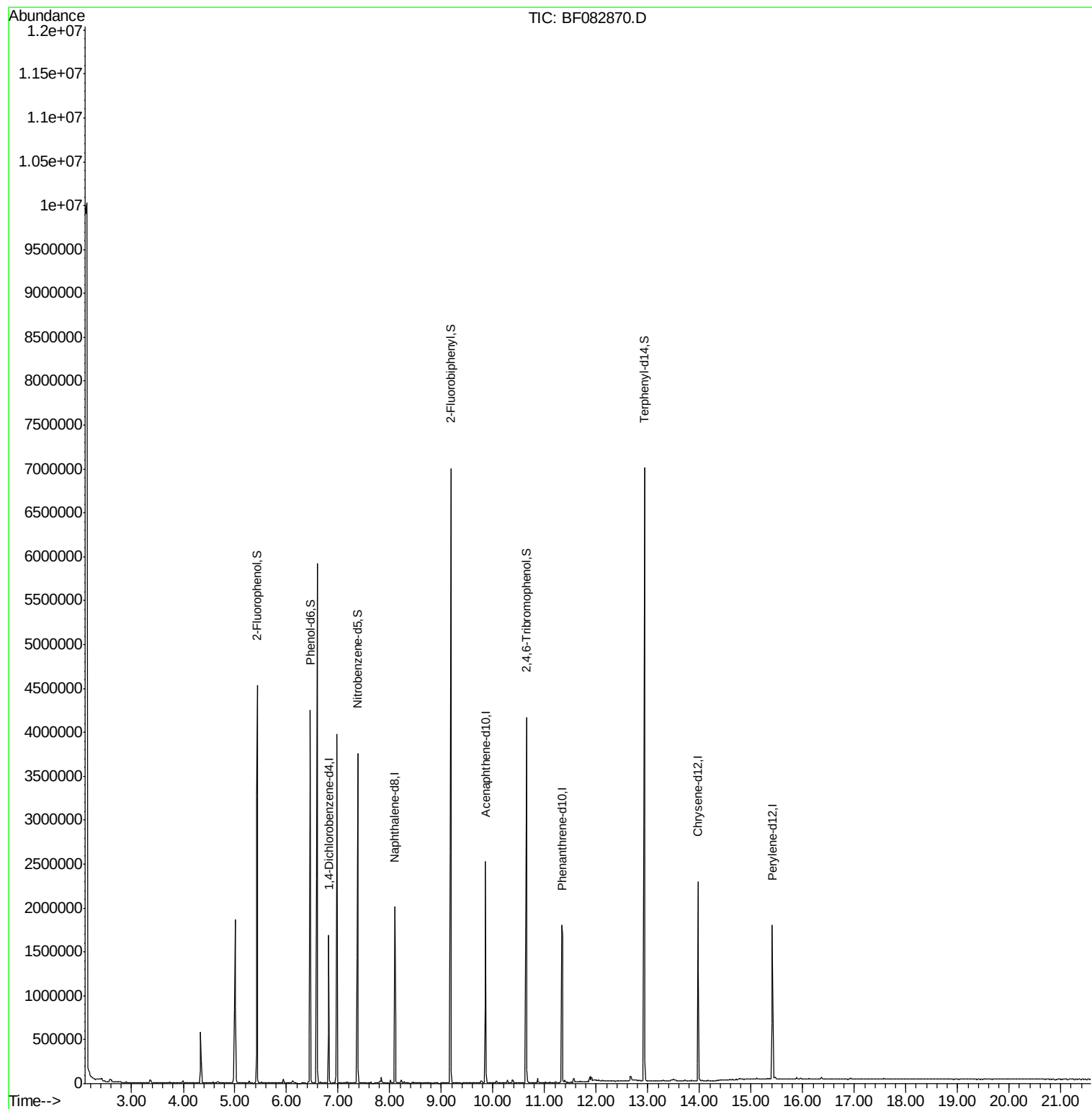
Target Compounds Qvalue

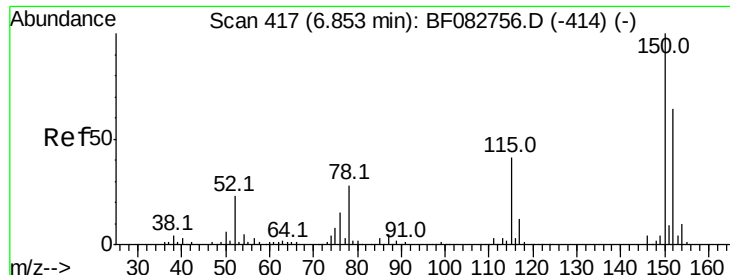
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

Instrument :

BNA_F

ClientSampleId :

LAR9862-A

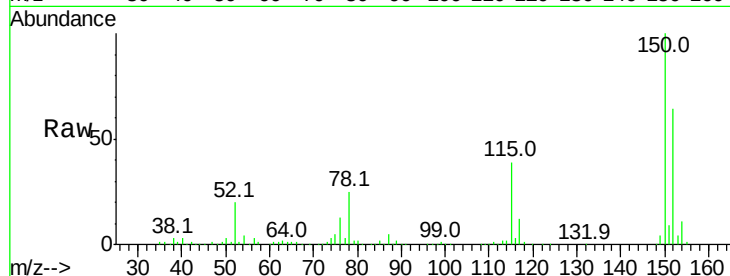
Tot Ion:152 Resp: 258026

Ion Ratio Lower Upper

152 100

150 156.0 127.0 190.4

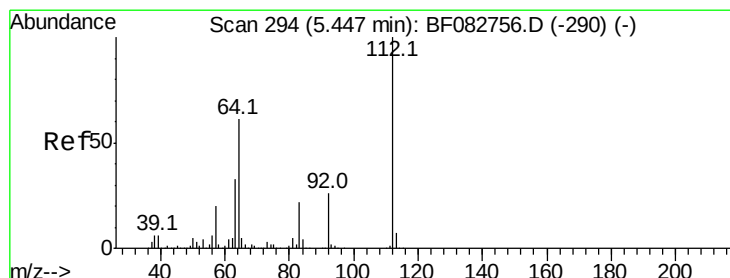
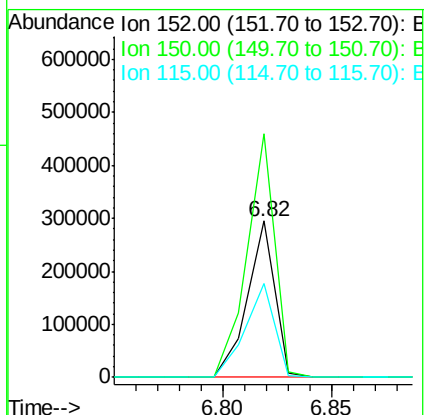
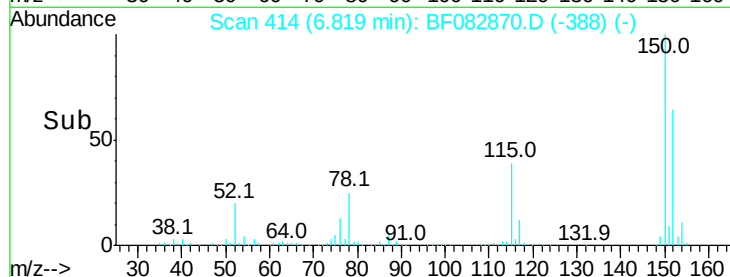
115 60.4 47.0 70.6



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: 93.59 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

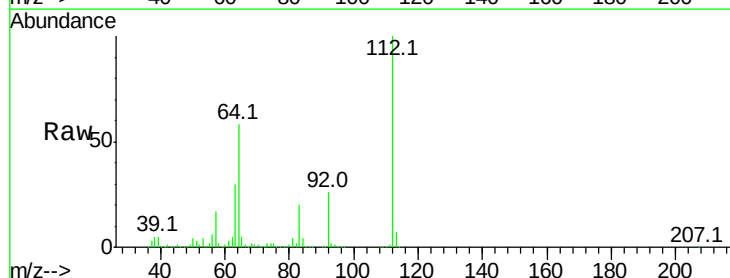
Tgt Ion:112 Resp: 1552032

Ion Ratio Lower Upper

112 100

64 57.6 48.9 73.3

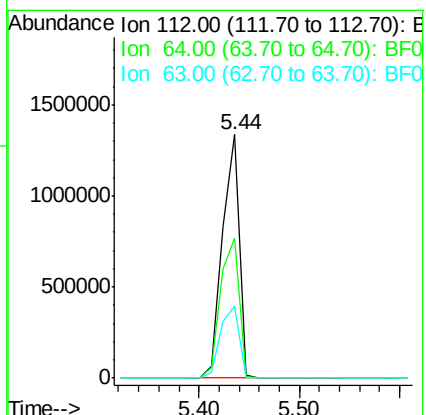
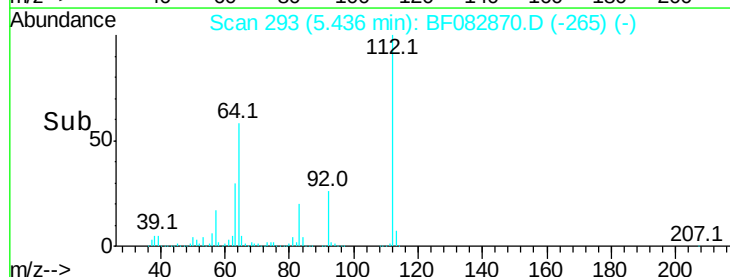
63 29.7 28.1 42.1

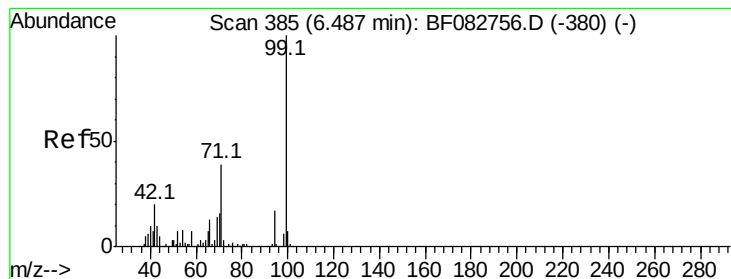


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.61 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

Instrument :

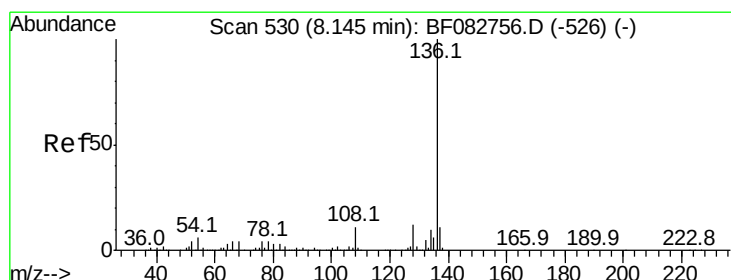
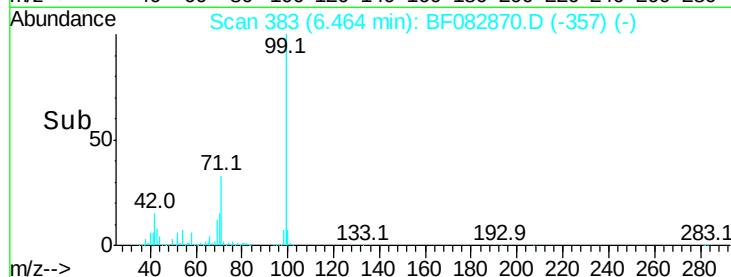
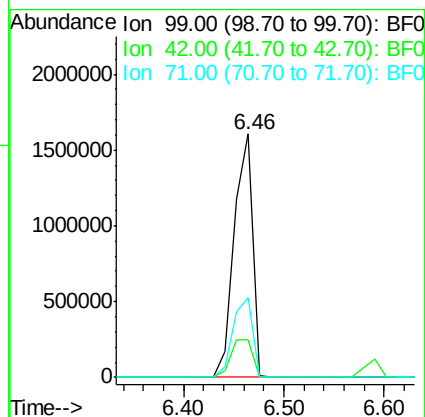
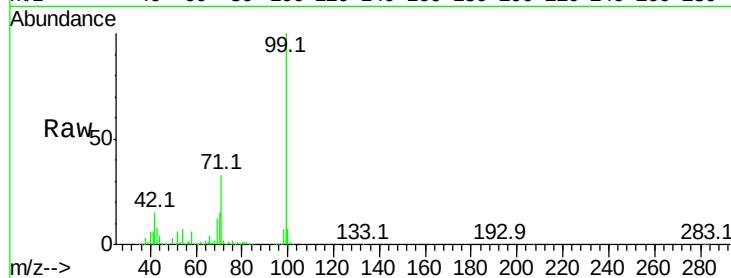
BNA_F

ClientSampleId :

LAR9862-A

Tot Ion: 99 Resp: 2041654

Ion	Ratio	Lower	Upper
99	100		
42	15.3	19.2	28.8#
71	32.8	35.0	52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

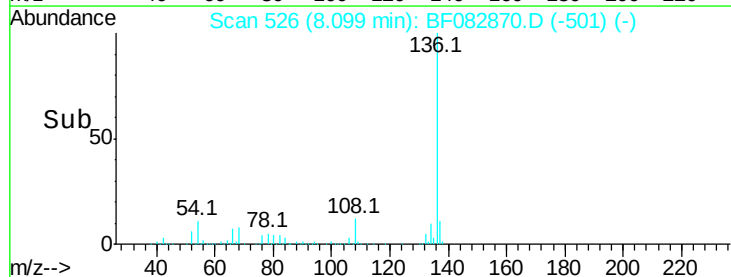
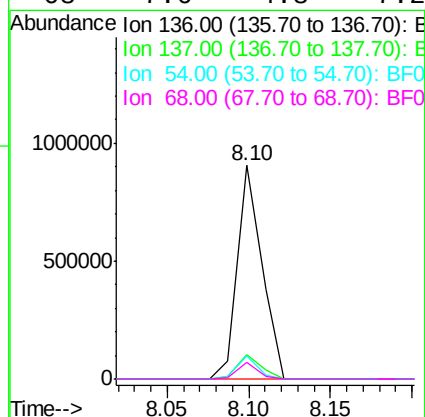
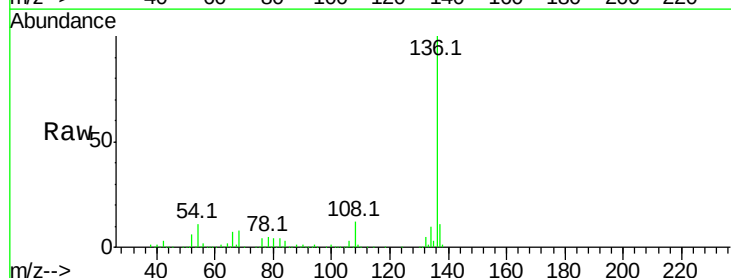
Delta R.T. -0.01 min

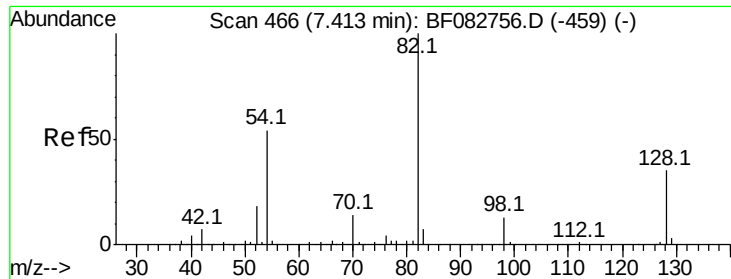
Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

Tgt Ion: 136 Resp: 936023

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.8	9.1	13.7
68	7.6	4.8	7.2#

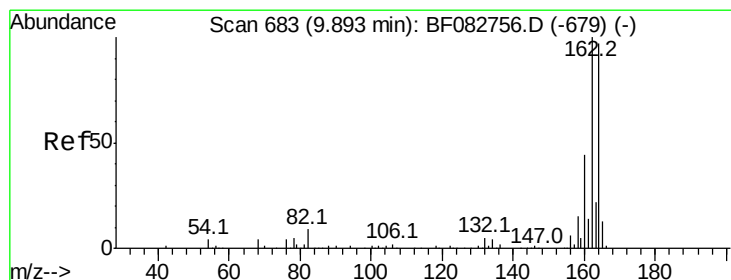
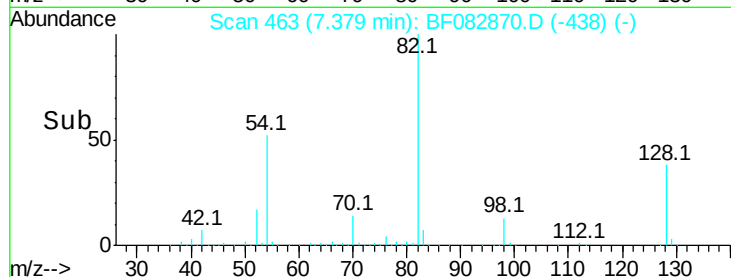
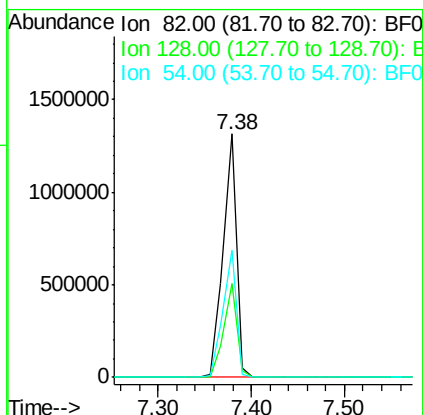
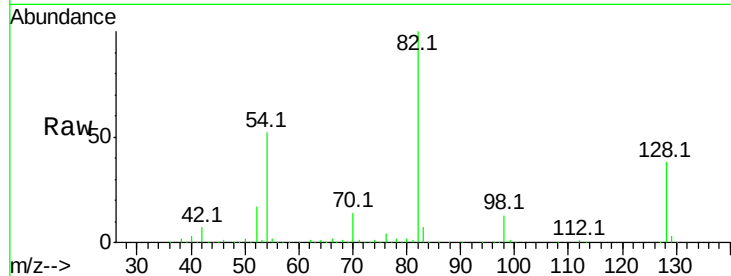




#23
 Nitrobenzene-d5
 Concen: 60.55 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF082870.D
 Acq: 10 Nov 2015 15:12

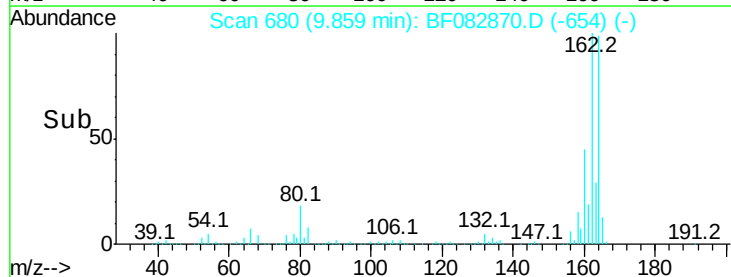
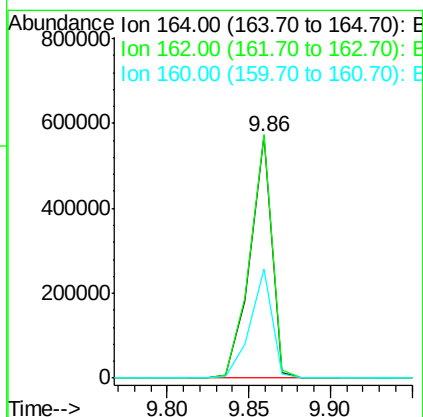
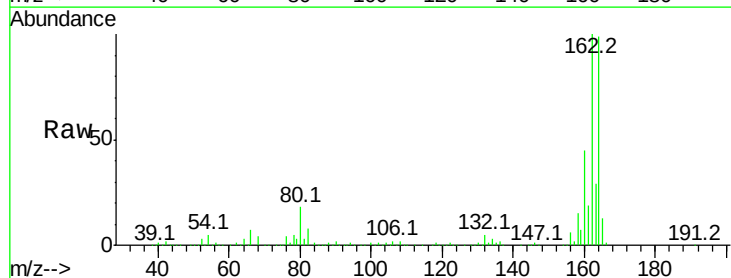
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-A

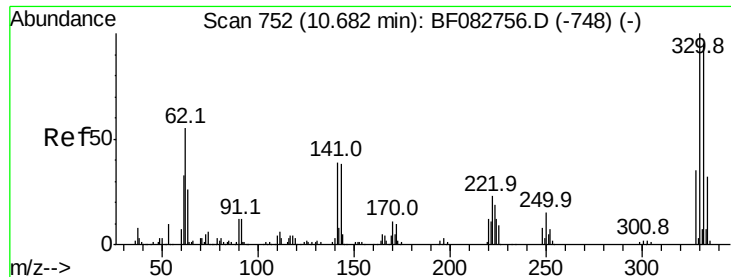
Tot Ion: 82 Resp: 1302549
 Ion Ratio Lower Upper
 82 100
 128 38.3 26.8 40.2
 54 52.3 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF082870.D
 Acq: 10 Nov 2015 15:12

Tgt Ion:164 Resp: 529737
 Ion Ratio Lower Upper
 164 100
 162 100.6 84.9 127.3
 160 44.9 37.5 56.3

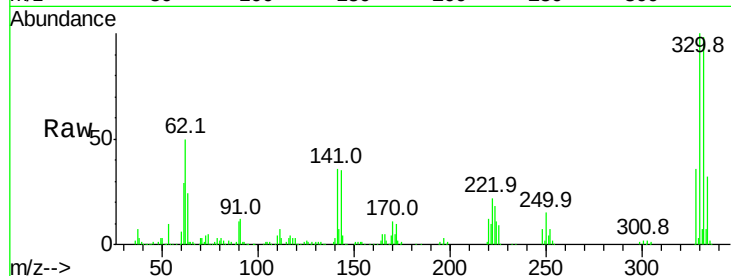




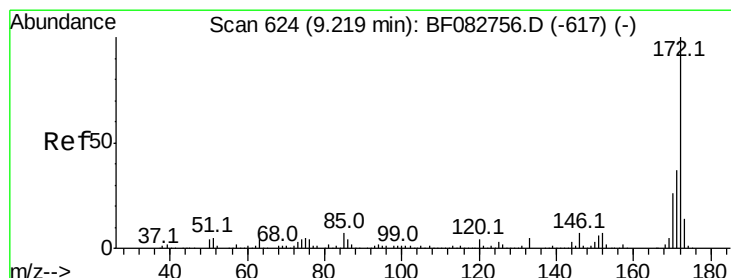
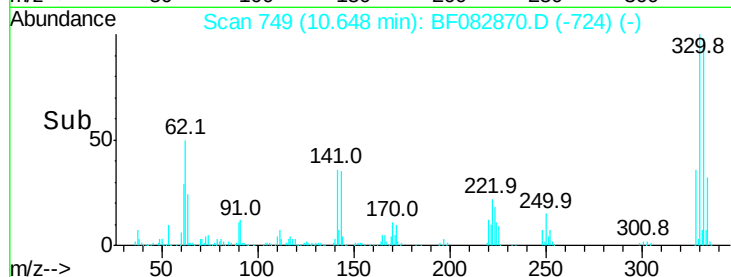
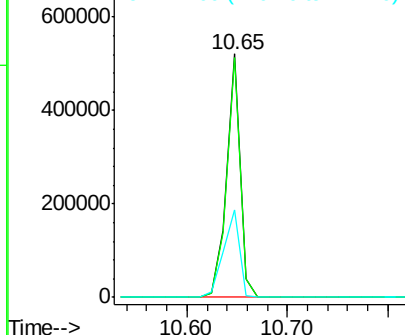
#41
 2,4,6-Tribromophenol
 Concen: 81.46 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF082870.D
 Acq: 10 Nov 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-A

Tot Ion:330 Resp: 494782
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 41.5 41.2 61.8

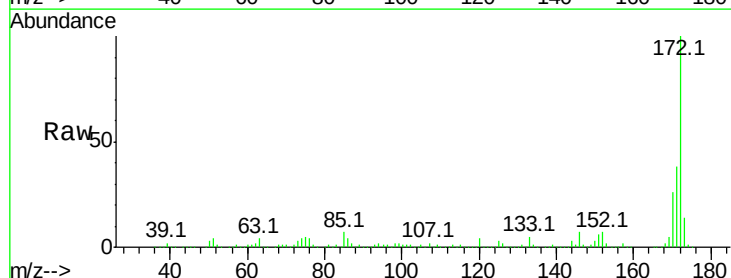


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

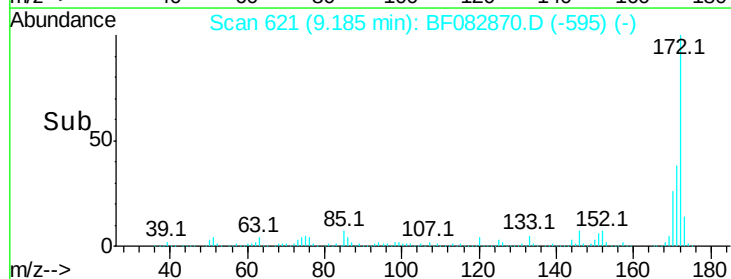
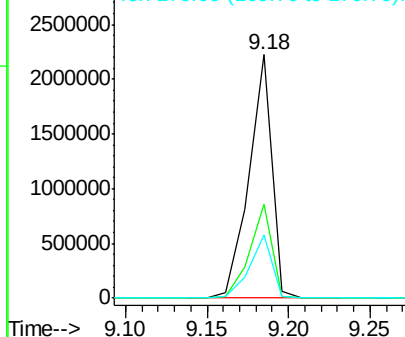


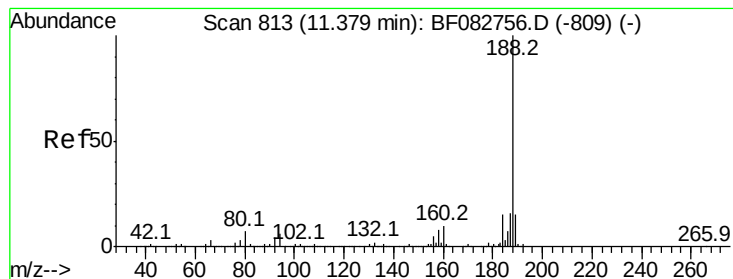
#44
 2-Fluorobiphenyl
 Concen: 58.39 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082870.D
 Acq: 10 Nov 2015 15:12

Tgt Ion:172 Resp: 2158141
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.8 46.2
 170 26.1 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

Instrument :

BNA_F

ClientSampleId :

LAR9862-A

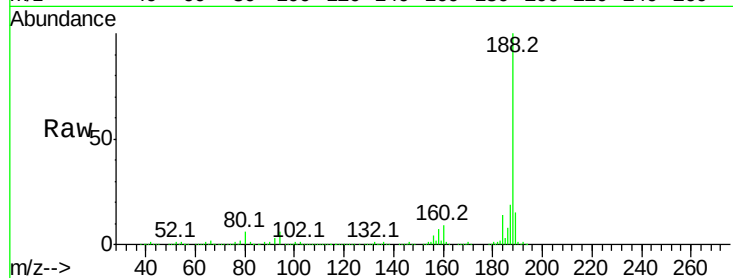
Tot Ion:188 Resp: 974537

Ion Ratio Lower Upper

188 100

94 6.2 6.1 9.1

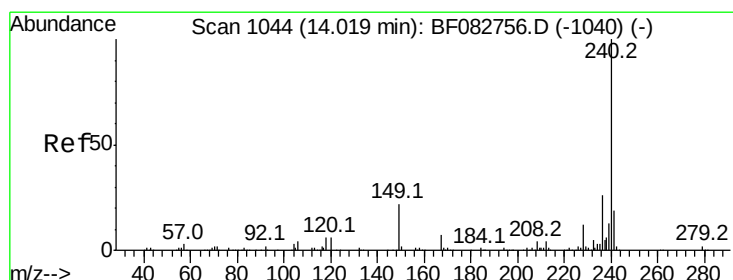
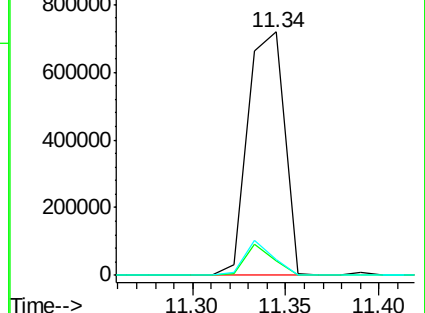
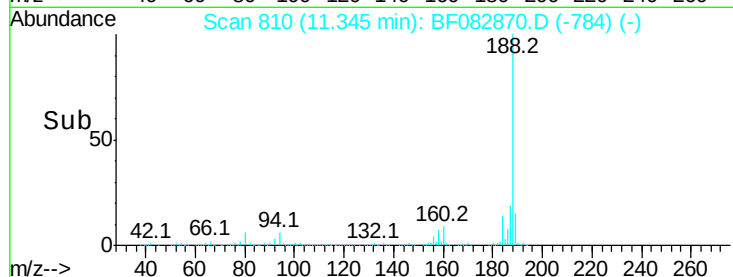
80 6.3 7.0 10.6#



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. -0.01 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

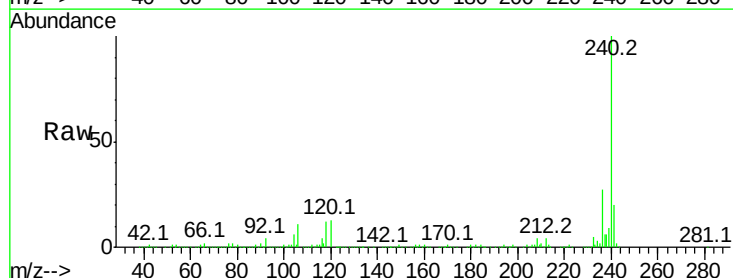
Tgt Ion:240 Resp: 961232

Ion Ratio Lower Upper

240 100

120 13.1 10.9 16.3

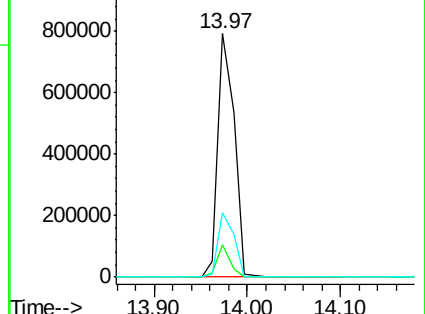
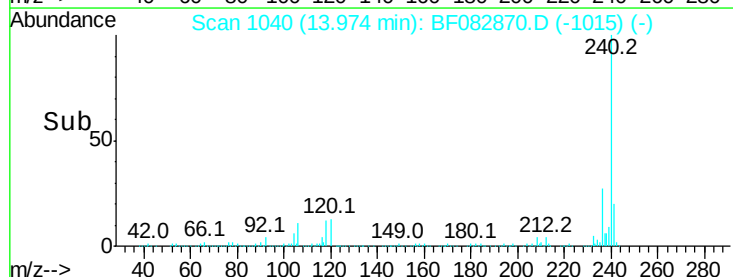
236 26.6 21.6 32.4

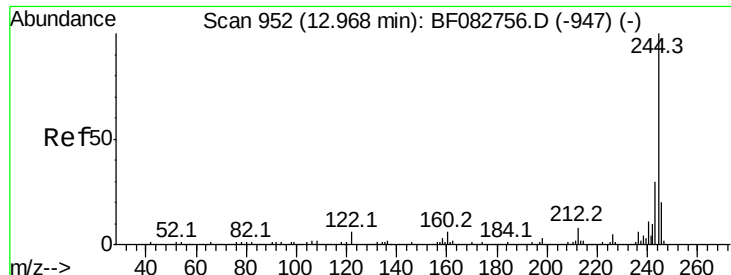


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.08 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

Instrument :

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ClientSampleId :

LAR9862-A

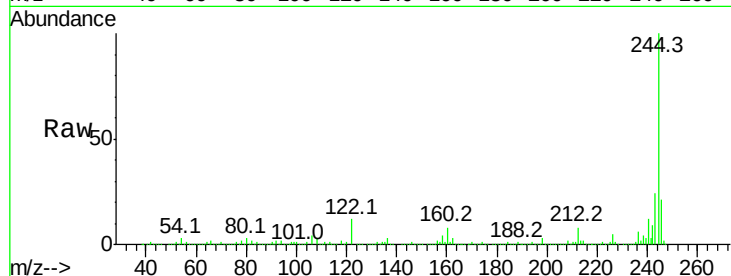
Tot Ion:244 Resp: 2232075

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

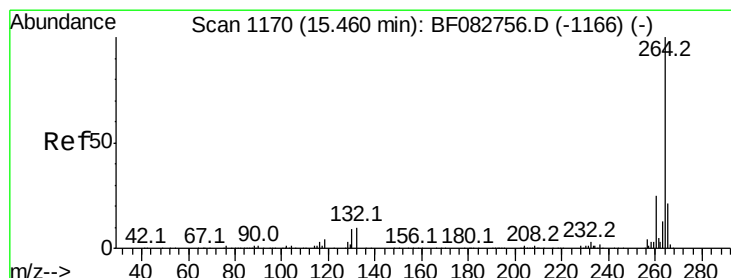
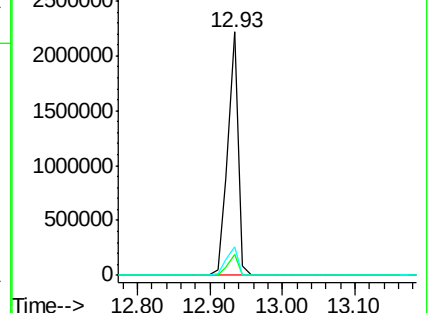
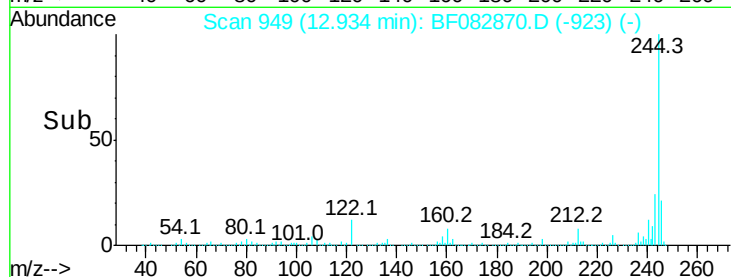
122 12.0 11.3 16.9



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

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

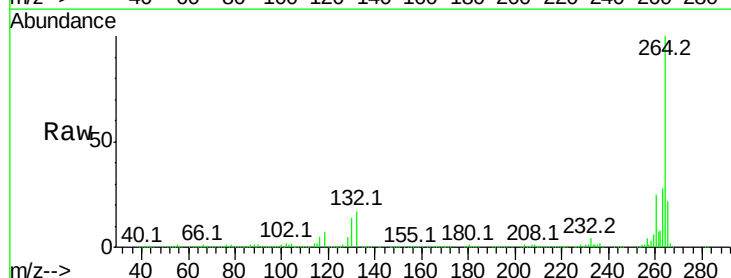
Tgt Ion:264 Resp: 749291

Ion Ratio Lower Upper

264 100

260 25.4 19.8 29.6

265 21.5 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

