

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082871.D
 Acq On : 10 Nov 2015 15:54
 Operator : UM/IZ
 Sample : G4325-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-B

Quant Time: Nov 10 16:31:16 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

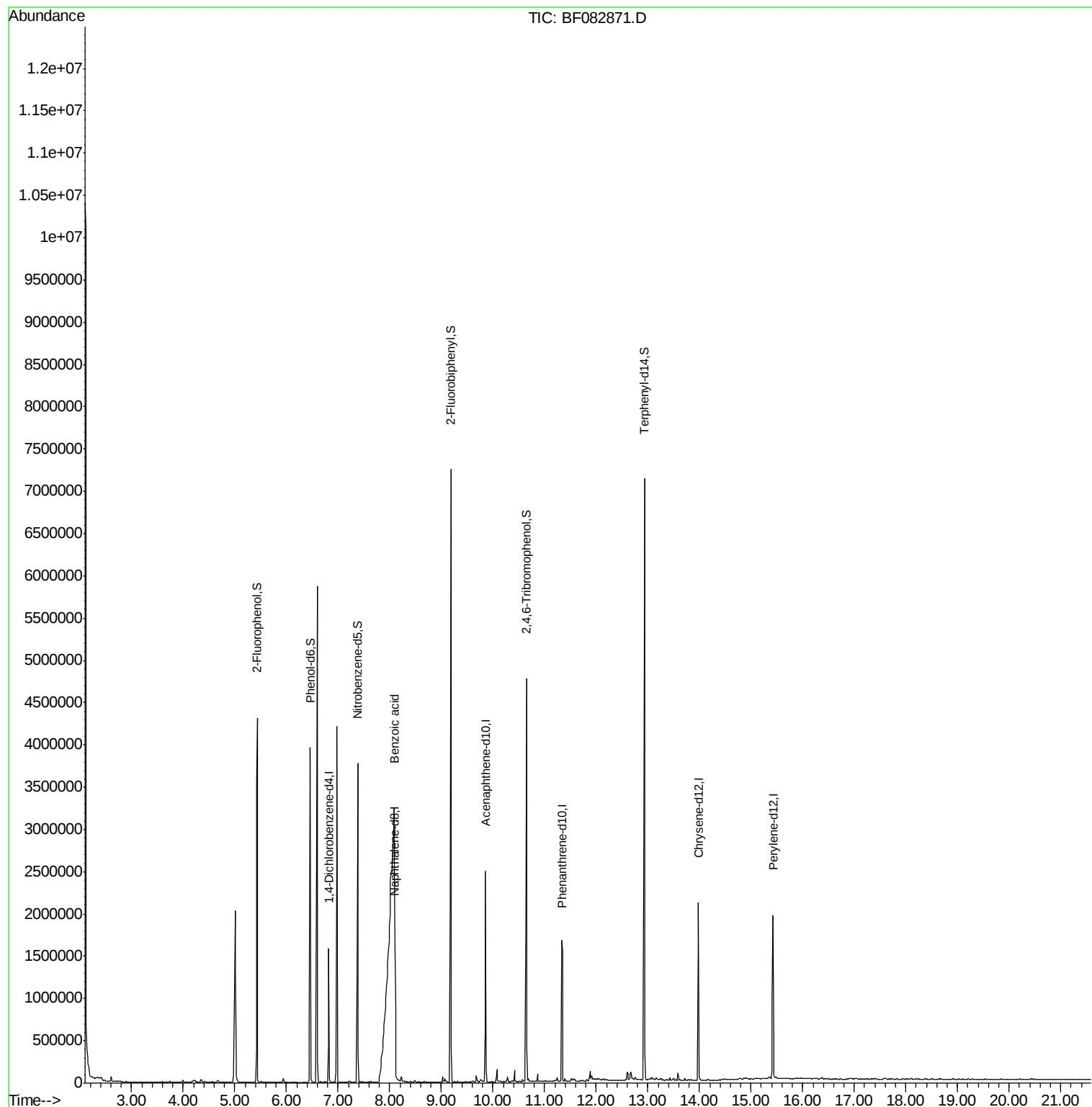
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	231382	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	815863	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	486465	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	896831	20.00	ng	0.00
75) Chrysene-d12	13.99	240	982028	20.00	ng	0.00
86) Perylene-d12	15.43	264	887358	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1585114	106.59	ng	0.02
7) Phenol-d6	6.46	99	2049239	103.65	ng	0.00
23) Nitrobenzene-d5	7.38	82	1310860	69.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	517183	92.72	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2101126	61.90	ng	0.00
78) Terphenyl-d14	12.93	244	2225861	53.76	ng	0.00
Target Compounds						
32) Benzoic acid	8.09	122	4501333	457.18	ng	Qvalue 88

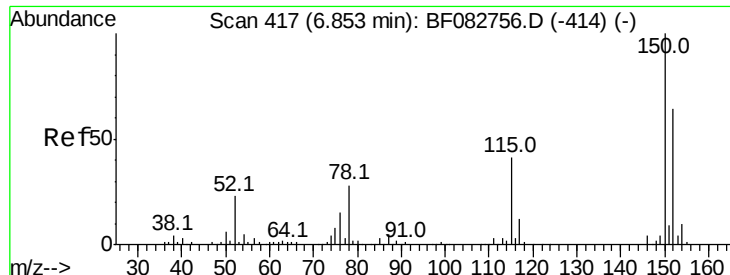
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082871.D

Acq: 10 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

LAR9862-B

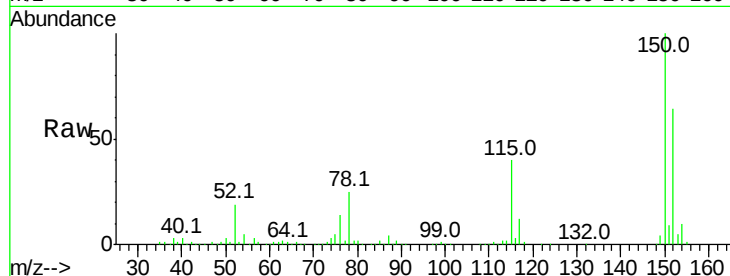
Tot Ion:152 Resp: 231382

Ion Ratio Lower Upper

152 100

150 155.5 127.0 190.4

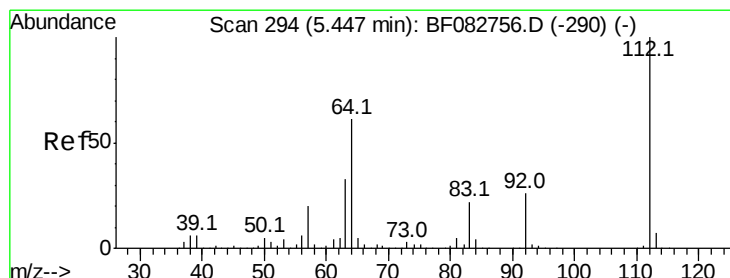
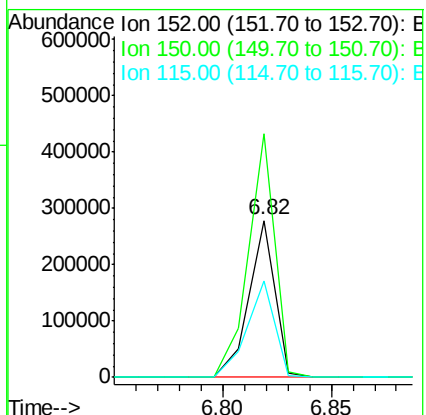
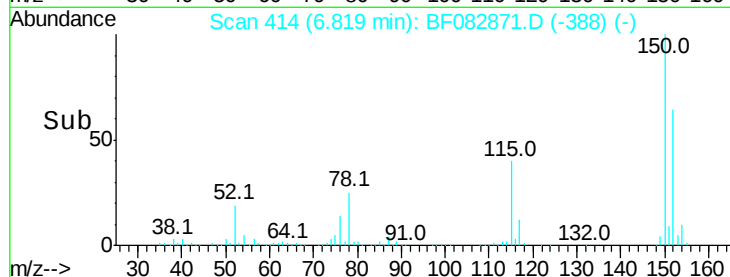
115 61.6 47.0 70.6



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: 106.59 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

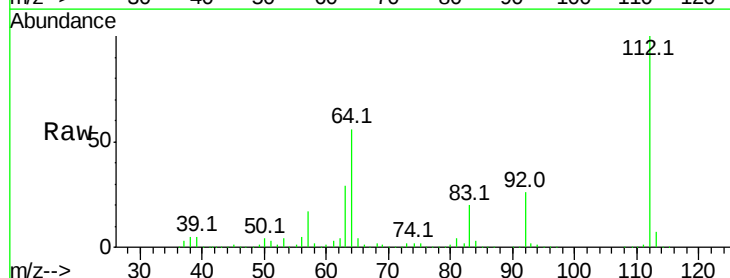
Tgt Ion:112 Resp: 1585114

Ion Ratio Lower Upper

112 100

64 56.4 48.9 73.3

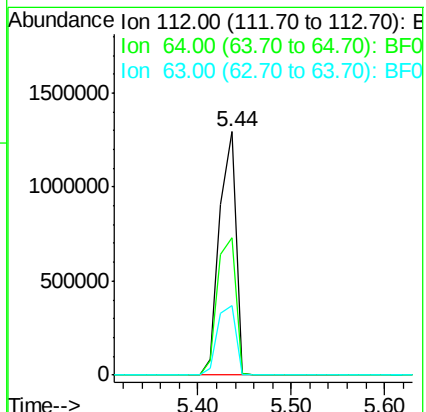
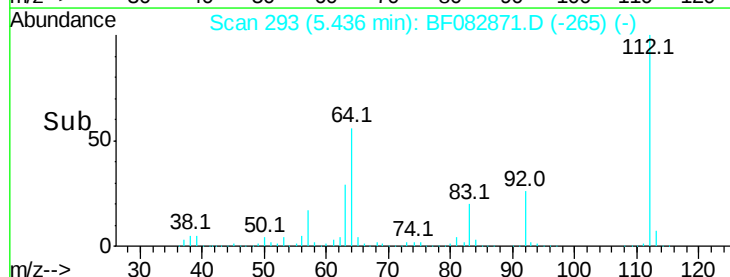
63 28.8 28.1 42.1

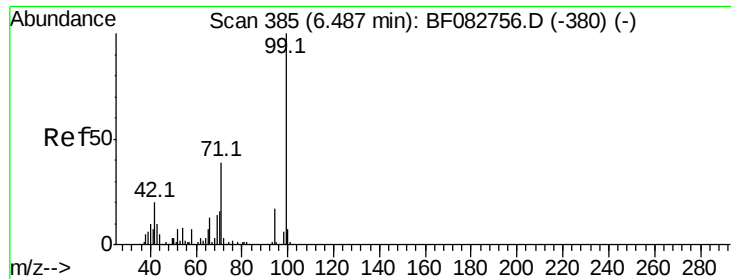


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.65 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

Instrument :

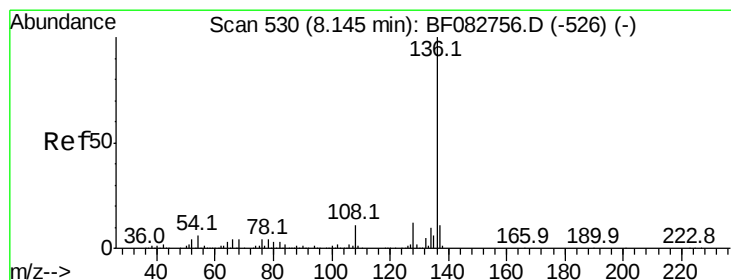
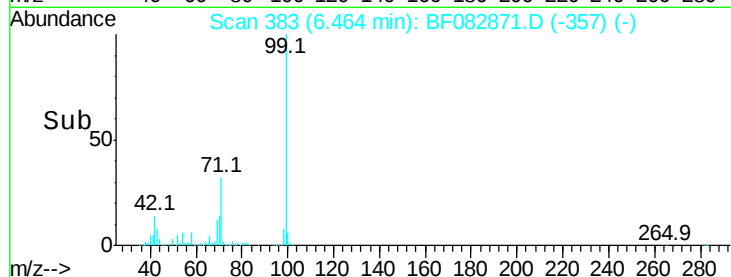
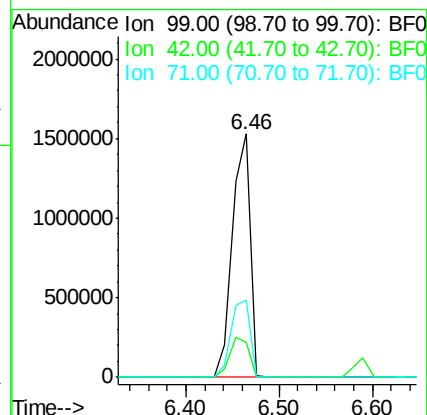
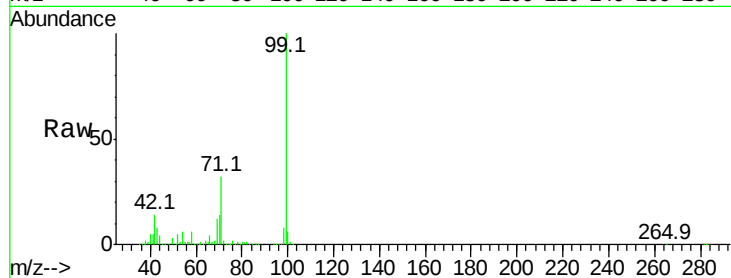
BNA_F

ClientSampleId :

LAR9862-B

Tot Ion: 99 Resp: 2049239

Ion	Ratio	Lower	Upper
99	100		
42	14.4	19.2	28.8#
71	31.9	35.0	52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

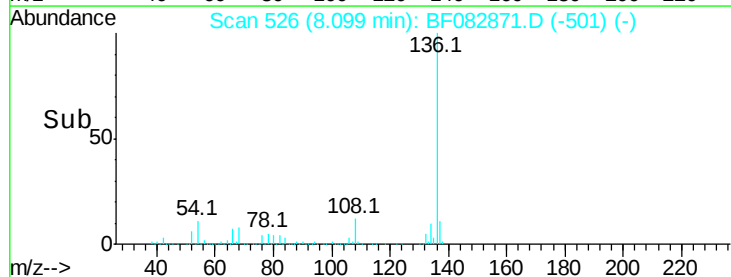
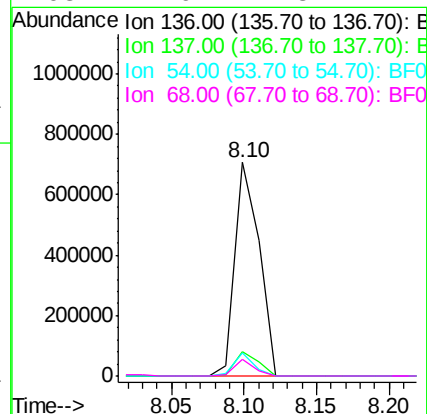
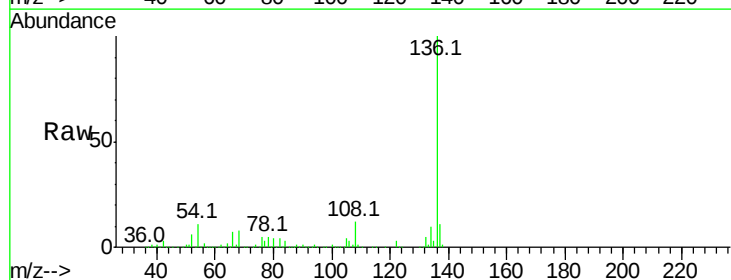
Delta R.T. -0.01 min

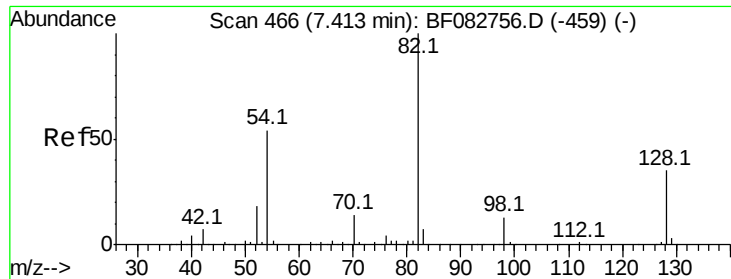
Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

Tgt Ion: 136 Resp: 815863

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.0	9.1	13.7
68	7.9	4.8	7.2#

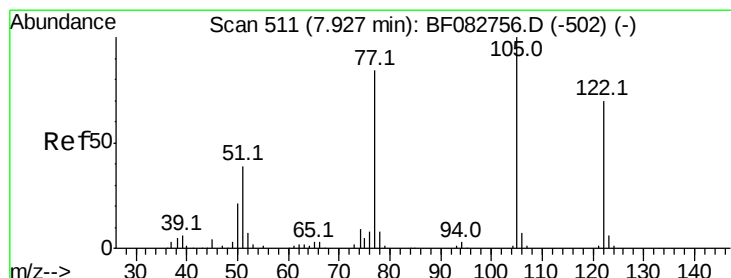
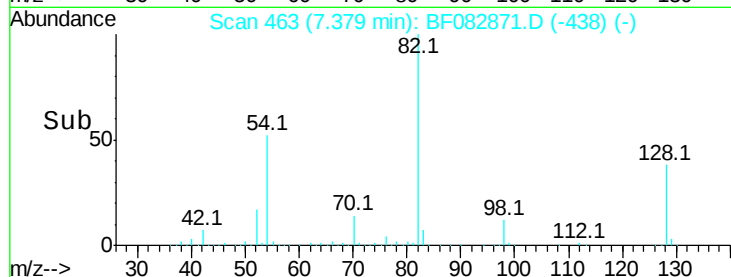
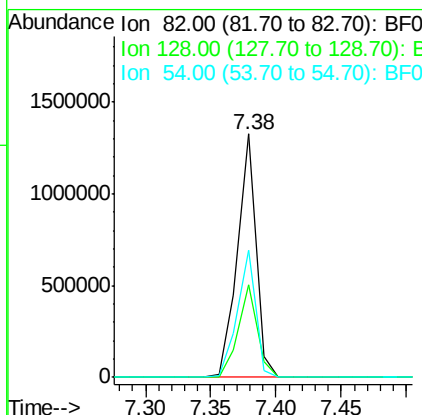
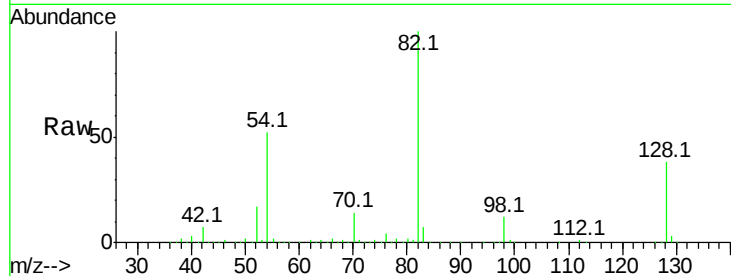




#23
Nitrobenzene-d5
Concen: 69.91 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082871.D
Acq: 10 Nov 2015 15:54

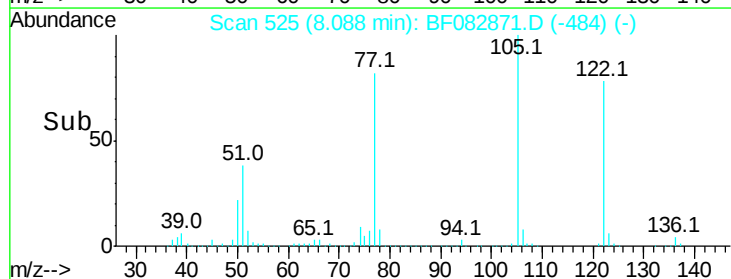
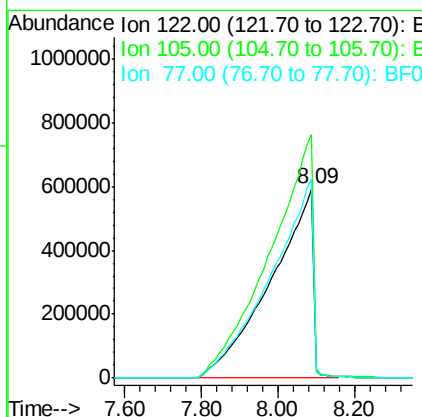
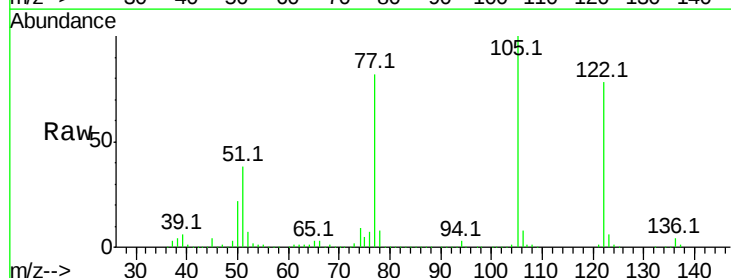
Instrument :
BNA_F
ClientSampleId :
LAR9862-B

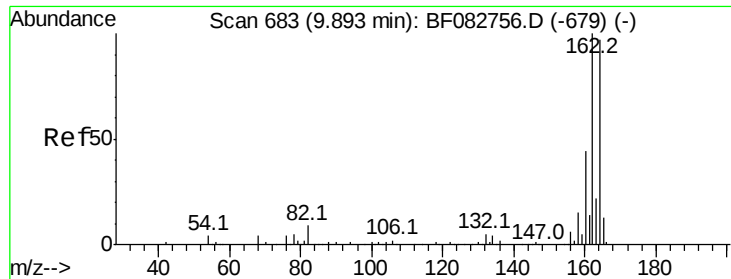
Tot Ion: 82 Resp: 1310860
Ion Ratio Lower Upper
82 100
128 37.9 26.8 40.2
54 52.4 45.7 68.5



#32
Benzoic acid
Concen: 457.18 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.17 min
Lab File: BF082871.D
Acq: 10 Nov 2015 15:54

Tgt Ion:122 Resp: 4501333
Ion Ratio Lower Upper
122 100
105 128.8 122.6 162.6
77 105.5 100.9 140.9

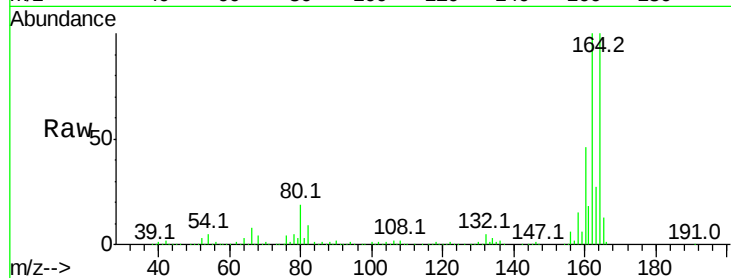




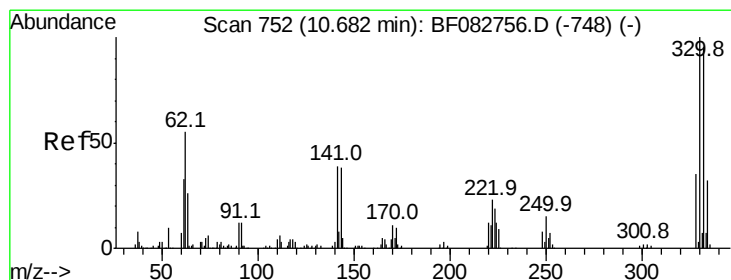
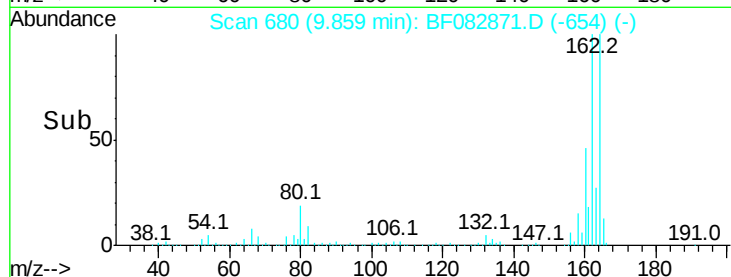
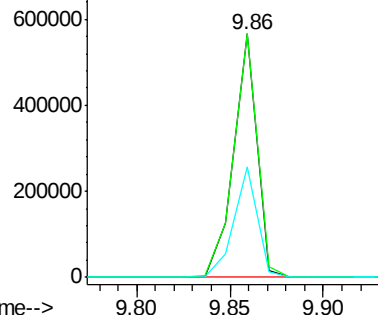
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF082871.D
Acq: 10 Nov 2015 15:54

Instrument :
BNA_F
ClientSampleId :
LAR9862-B

Tot Ion:164 Resp: 486465
Ion Ratio Lower Upper
164 100
162 99.8 84.9 127.3
160 45.6 37.5 56.3

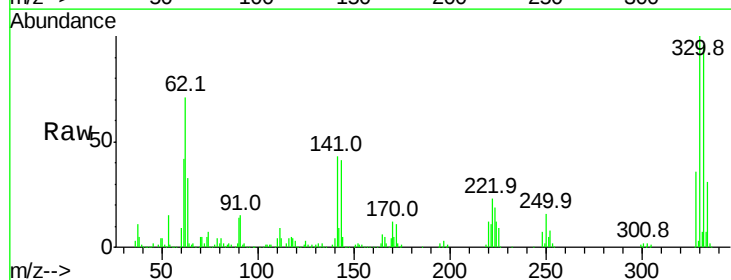


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

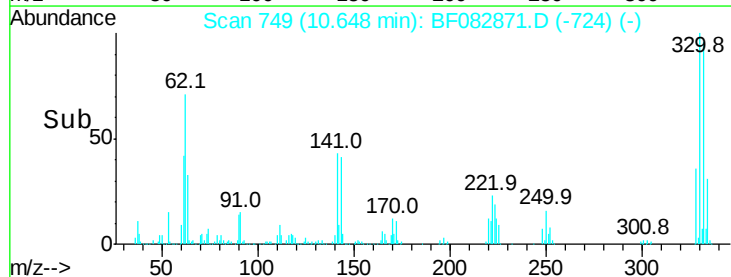
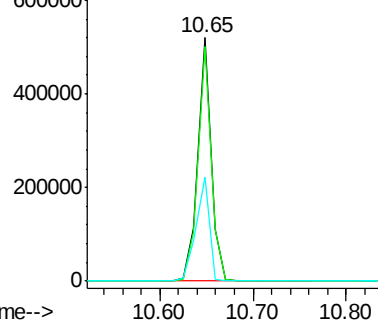


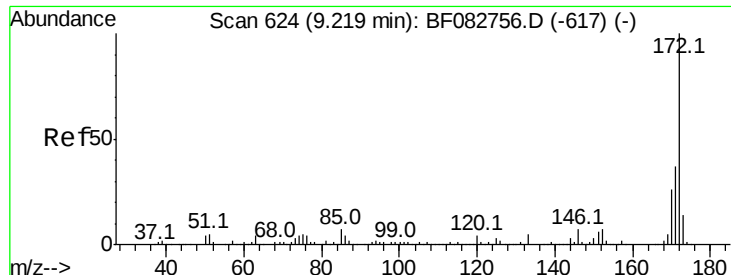
#41
2,4,6-Tribromophenol
Concen: 92.72 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF082871.D
Acq: 10 Nov 2015 15:54

Tgt Ion:330 Resp: 517183
Ion Ratio Lower Upper
330 100
332 96.4 76.6 114.8
141 42.9 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



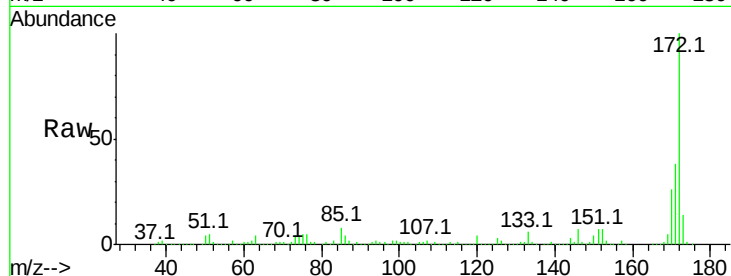


#44
 2-Fluorobiphenyl
 Concen: 61.90 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082871.D
 Acq: 10 Nov 2015 15:54

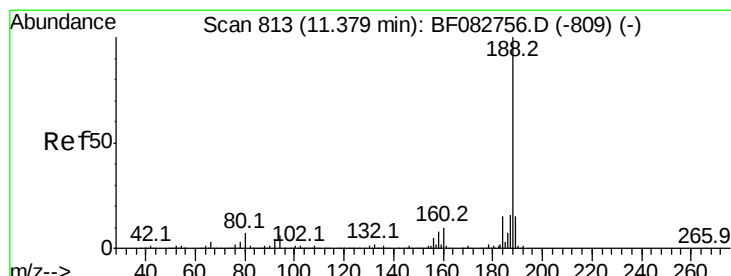
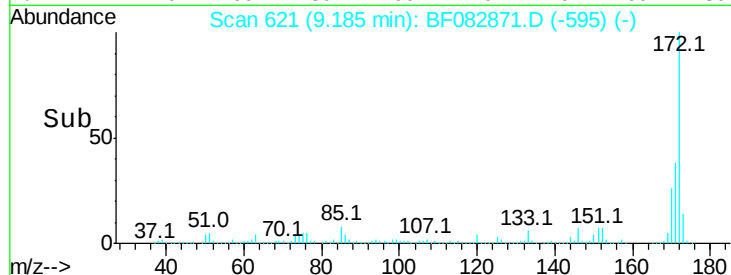
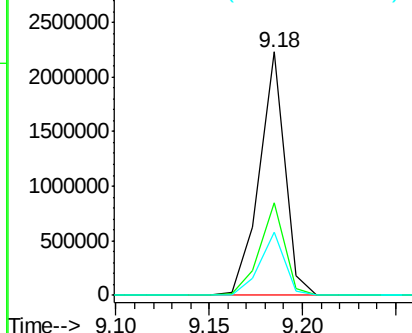
Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-B

Tot Ion:172 Resp: 2101126

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	26.2	21.2	31.8



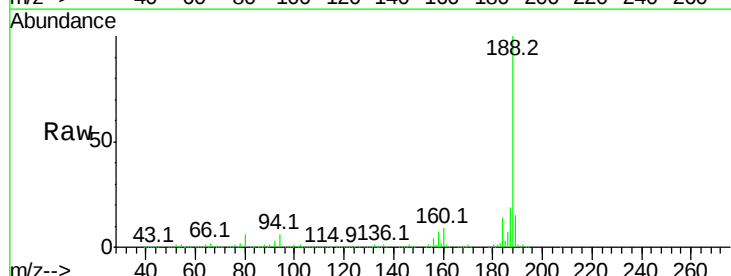
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



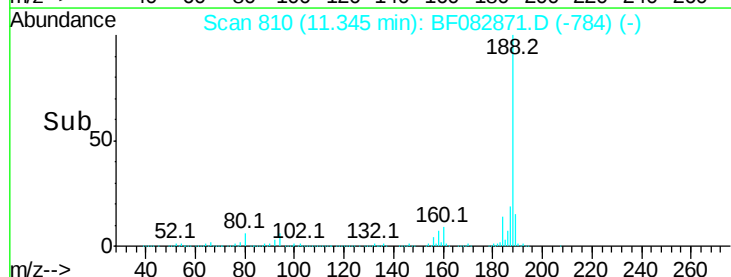
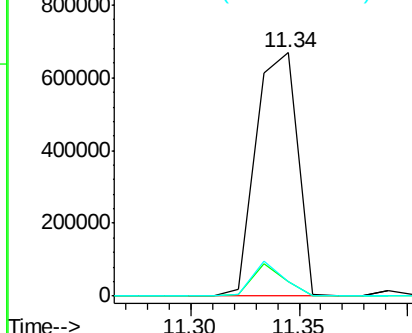
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082871.D
 Acq: 10 Nov 2015 15:54

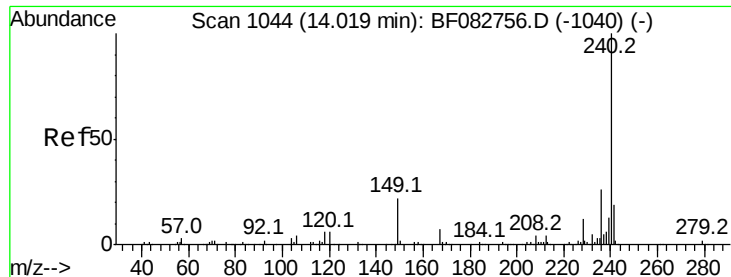
Tgt Ion:188 Resp: 896831

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.1	9.1#
80	5.7	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: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

LAR9862-B

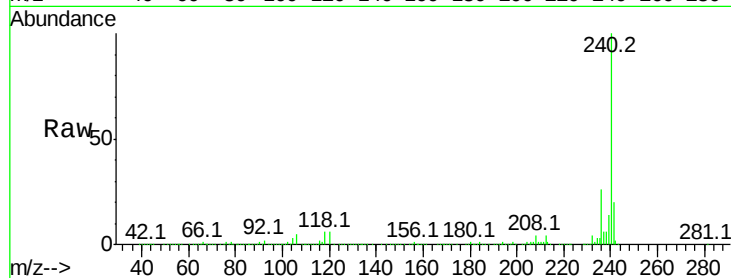
Tot Ion:240 Resp: 982028

Ion Ratio Lower Upper

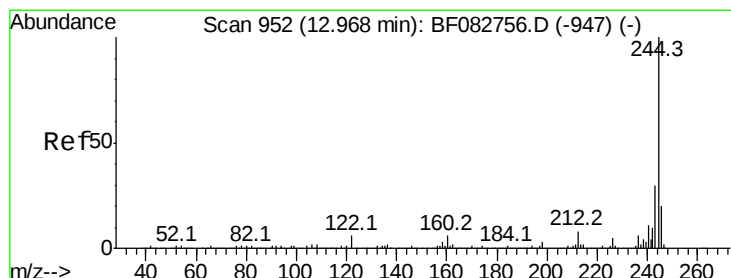
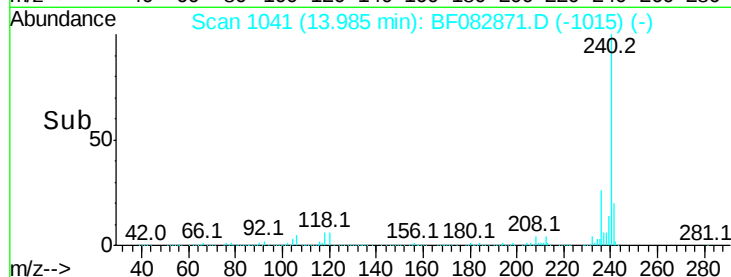
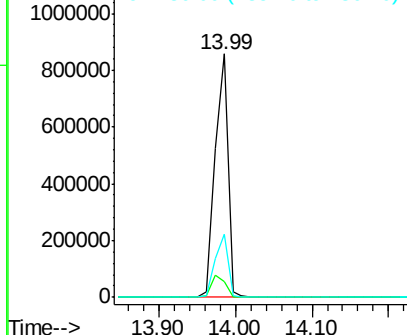
240 100

120 6.5 10.9 16.3#

236 26.1 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: 53.76 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF082871.D

Acq: 10 Nov 2015 15:54

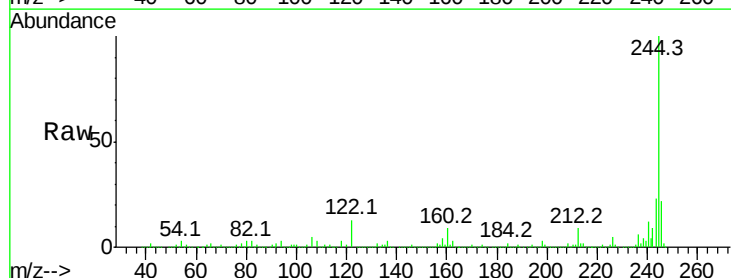
Tgt Ion:244 Resp: 2225861

Ion Ratio Lower Upper

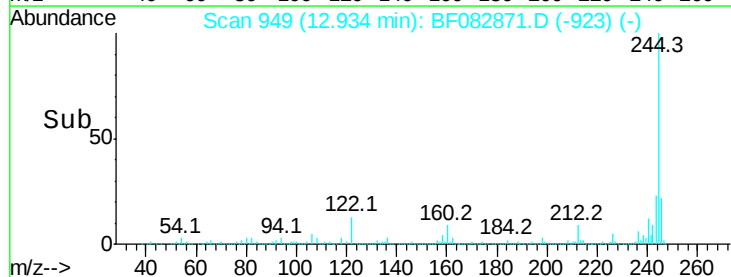
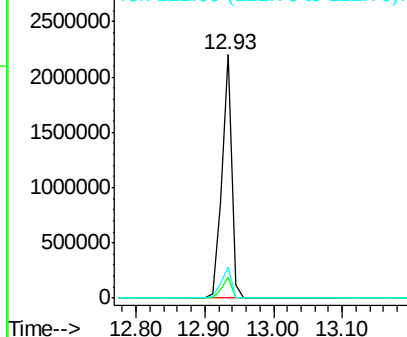
244 100

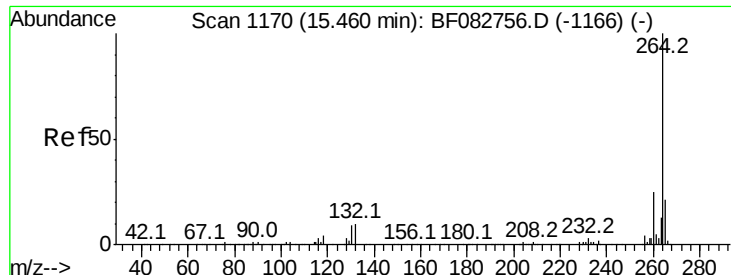
212 8.6 7.6 11.4

122 13.0 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

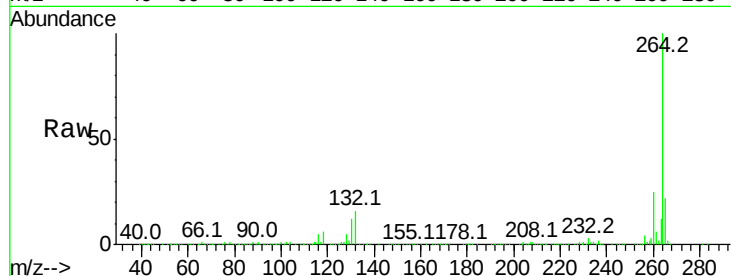




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF082871.D
 Acq: 10 Nov 2015 15:54

Instrument :
 BNA_F
 ClientSampleId :
 LAR9862-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	22.2	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

