

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084463.D
 Acq On : 14 Jan 2016 1:19
 Operator : SJ/UM
 Sample : H1083-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-19-010516

Quant Time: Jan 14 15:41:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

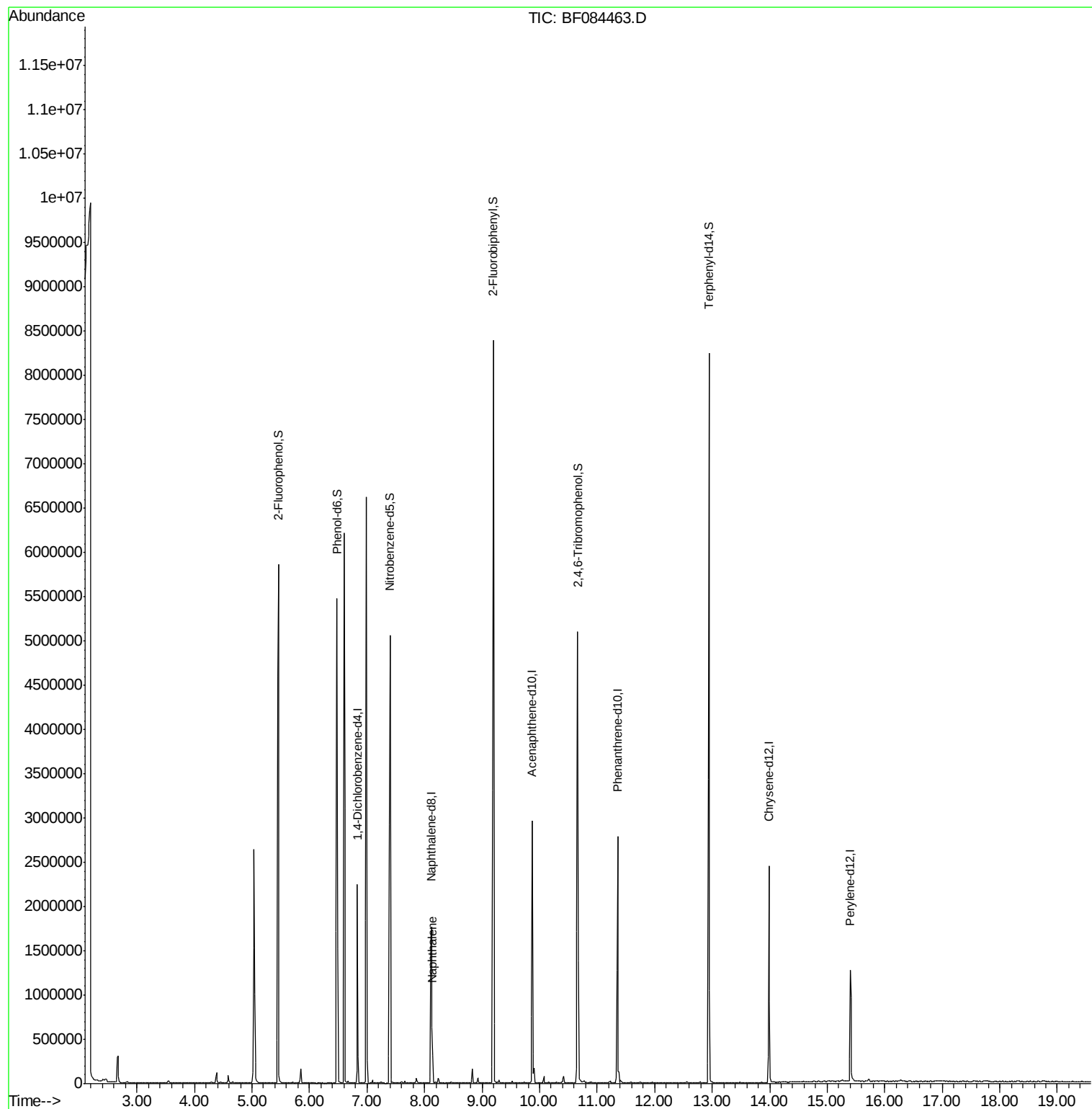
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	294502	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1187912	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	580868	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	1132178	20.00	ng	0.00
75) Chrysene-d12	13.99	240	920343	20.00	ng	-0.01
86) Perylene-d12	15.40	264	662746	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2130864	117.03	ng	0.02
7) Phenol-d6	6.48	99	2156406	94.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	1915400	89.74	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	726629	123.91	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2710985	81.87	ng	0.00
78) Terphenyl-d14	12.95	244	2767303	67.12	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	324777	6.03	ng	Qvalue 98

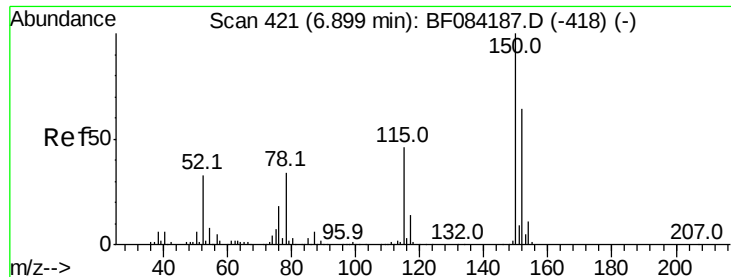
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Instrument :

BNA_F

ClientSampleId :

HSR-WC-19-010516

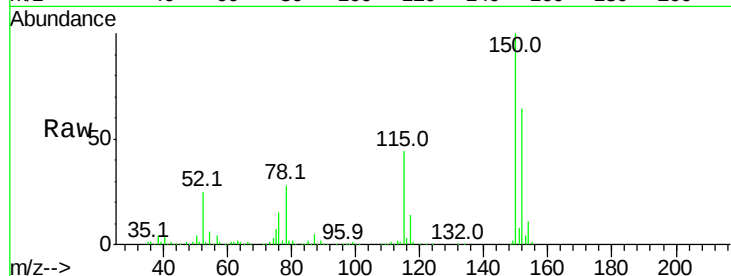
Tot Ion:152 Resp: 294502

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

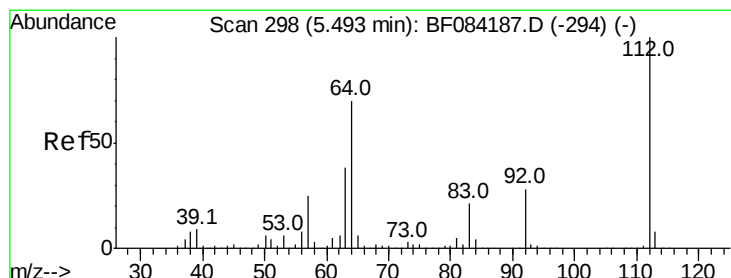
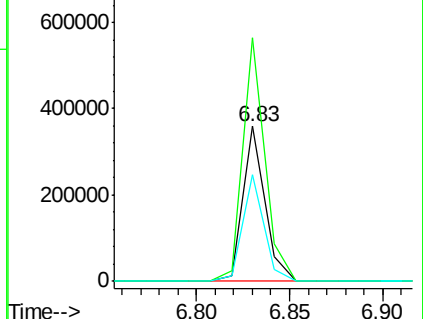
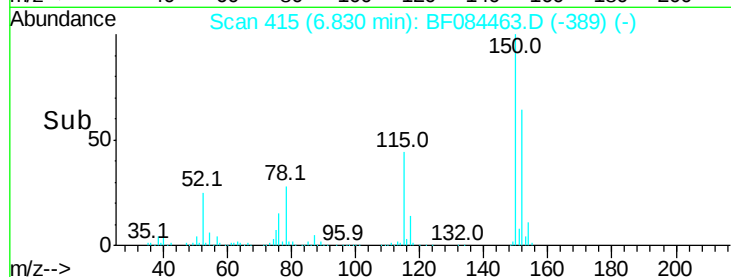
115 68.8 51.4 77.2



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: 117.03 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

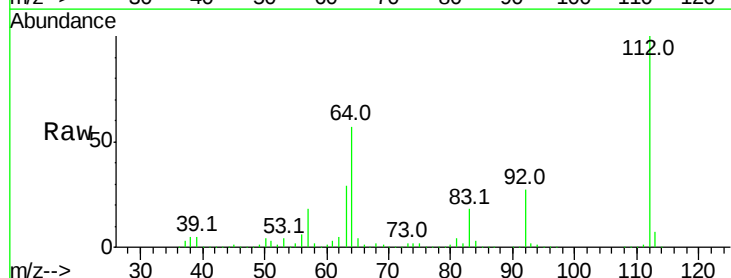
Tgt Ion:112 Resp: 2130864

Ion Ratio Lower Upper

112 100

64 56.8 36.6 55.0#

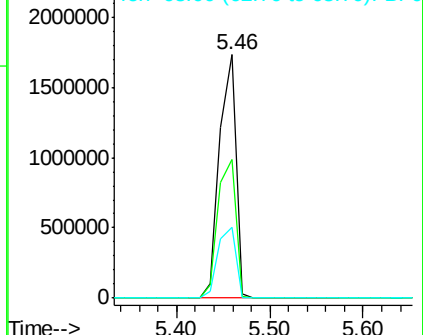
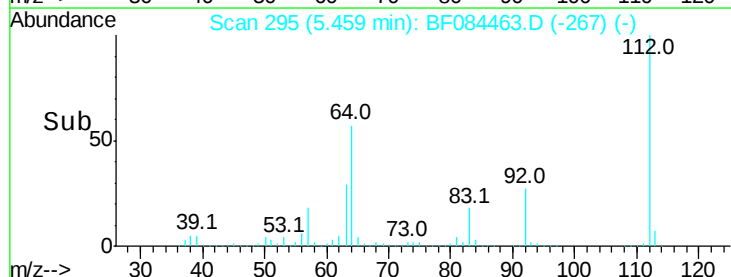
63 29.2 19.4 29.0#

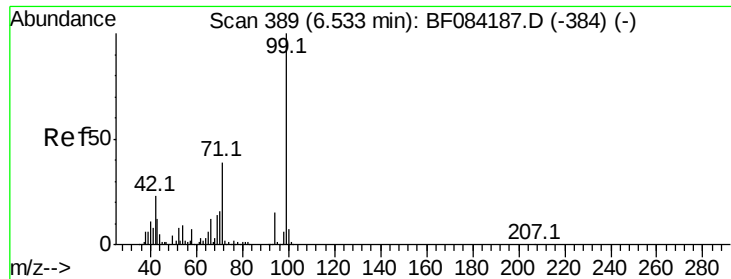


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.30 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Instrument :

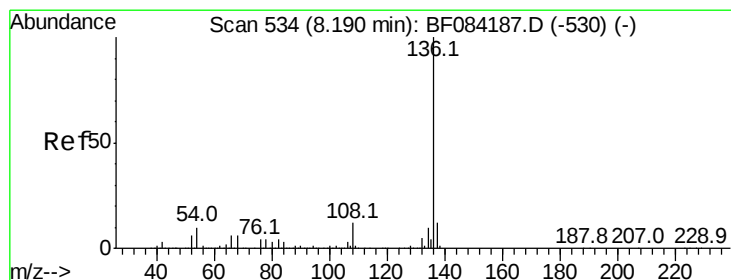
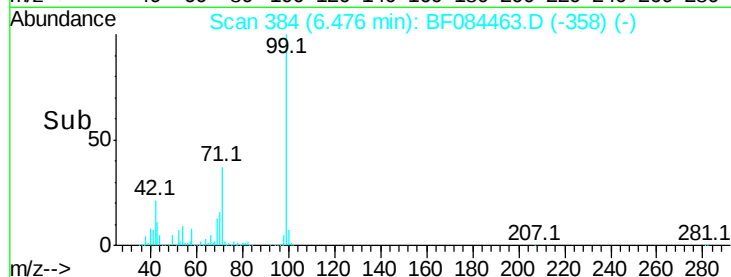
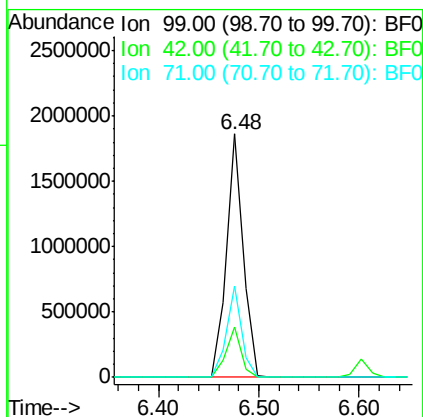
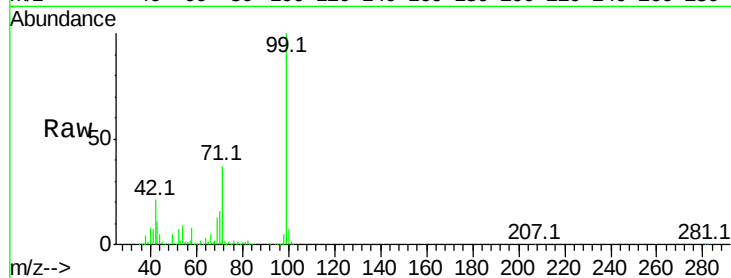
BNA_F

ClientSampleId :

HSR-WC-19-010516

Tot Ion: 99 Resp: 2156406

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	37.3	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

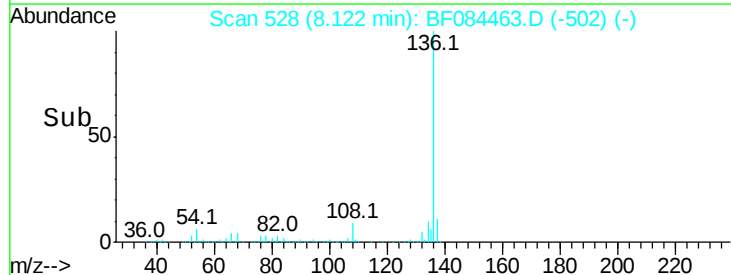
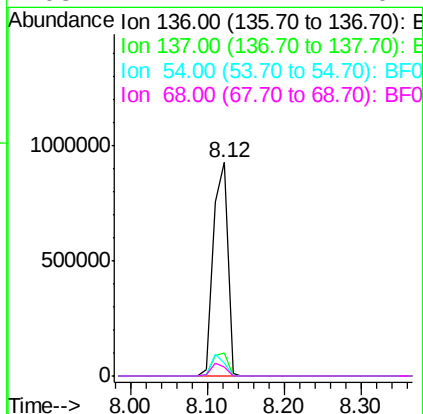
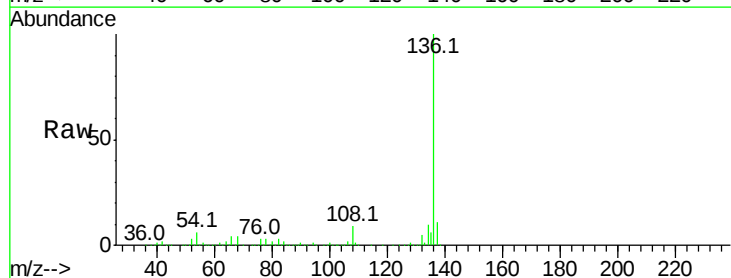
Delta R.T. 0.00 min

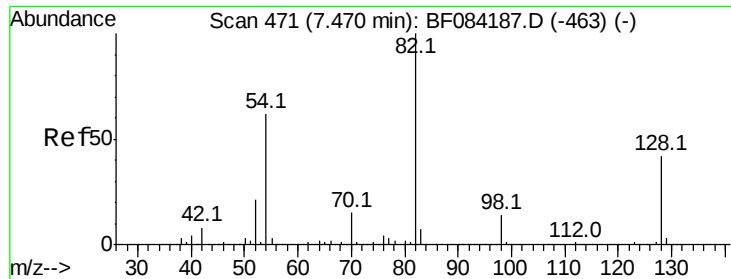
Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Tgt Ion: 136 Resp: 1187912

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.2	5.8	8.8
68	4.4	4.2	6.2

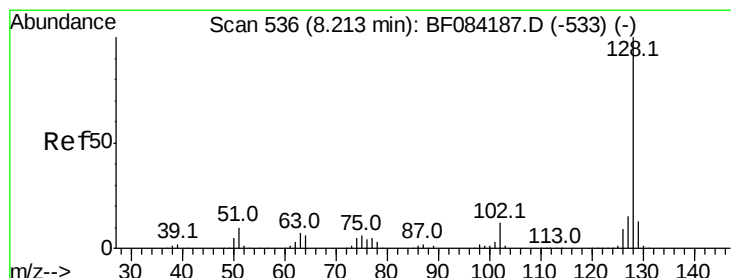
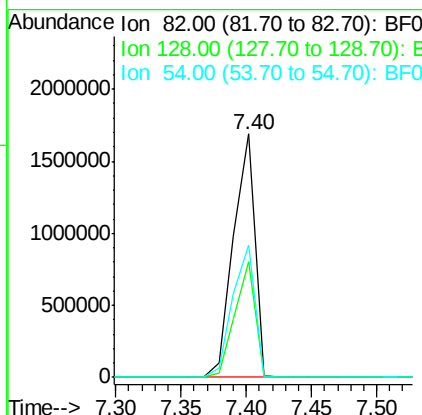
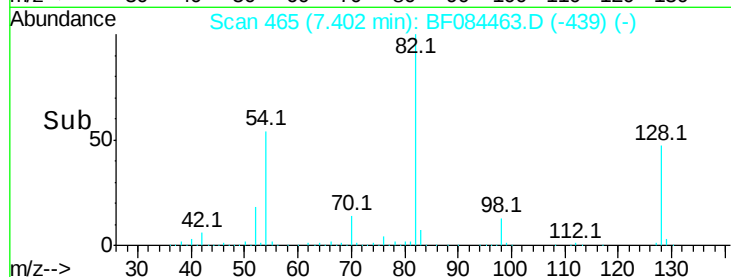
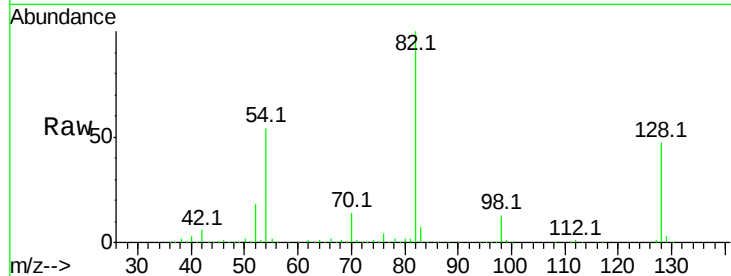




#23
Nitrobenzene-d5
Concen: 89.74 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF084463.D
Acq: 14 Jan 2016 1:19

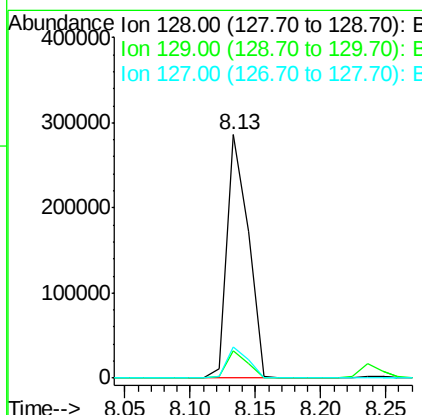
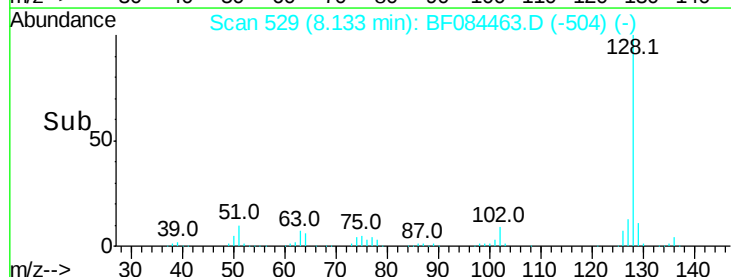
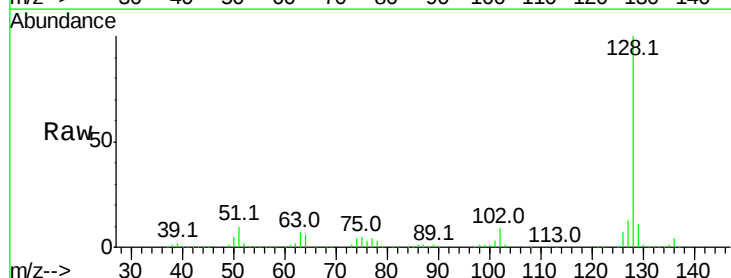
Instrument :
BNA_F
ClientSampleId :
HSR-WC-19-010516

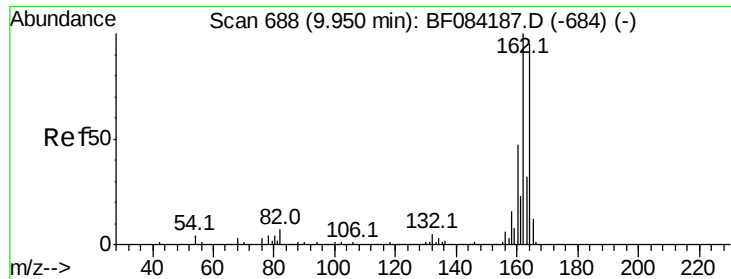
Tot Ion: 82 Resp: 1915400
Ion Ratio Lower Upper
82 100
128 47.3 34.6 51.8
54 54.1 38.4 57.6



#31
Naphthalene
Concen: 6.03 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF084463.D
Acq: 14 Jan 2016 1:19

Tgt Ion: 128 Resp: 324777
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.7 11.1 16.7

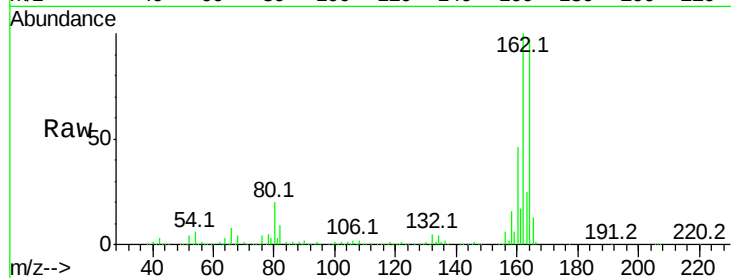




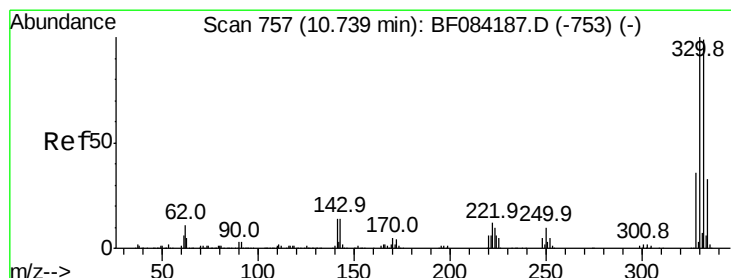
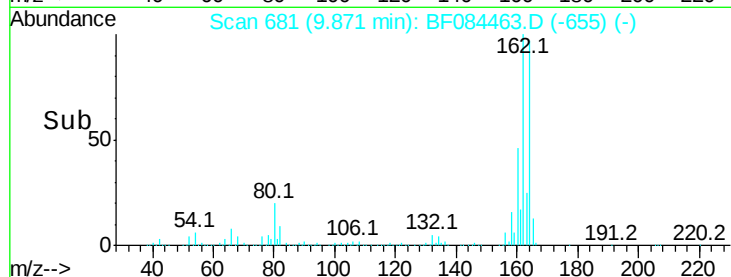
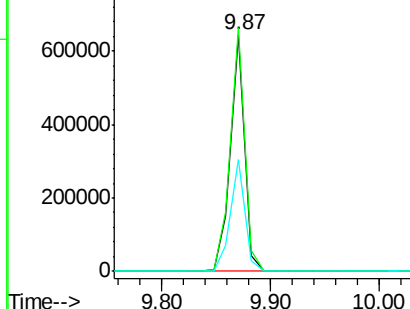
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF084463.D
 Acq: 14 Jan 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-19-010516

Tot Ion:164 Resp: 580868
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.1 127.7
 160 47.5 37.5 56.3

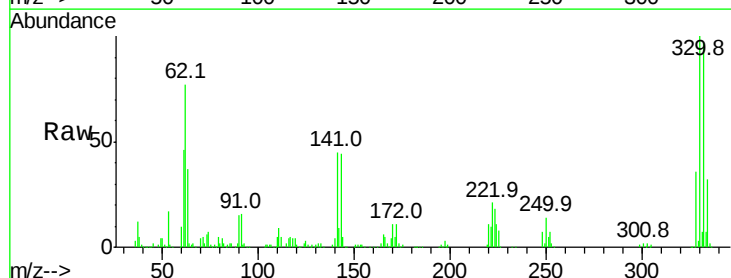


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

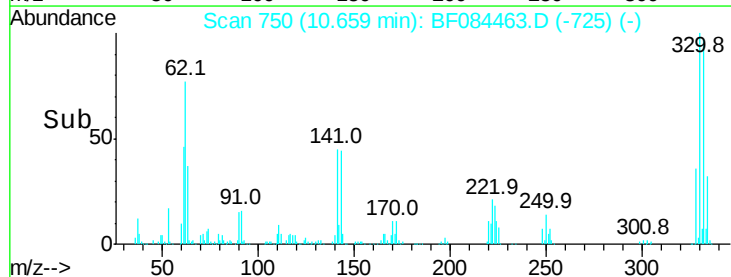
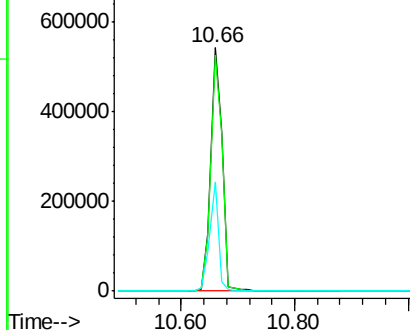


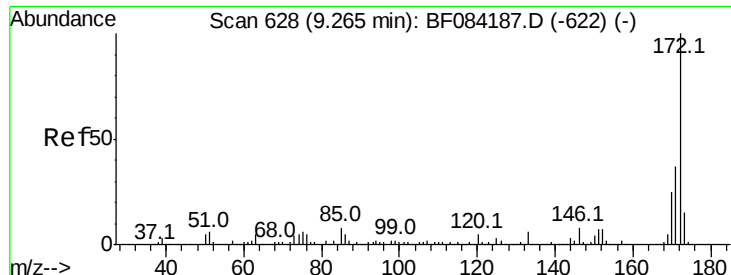
#41
 2,4,6-Tribromophenol
 Concen: 123.91 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF084463.D
 Acq: 14 Jan 2016 1:19

Tgt Ion:330 Resp: 726629
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 34.4 27.8 41.6



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



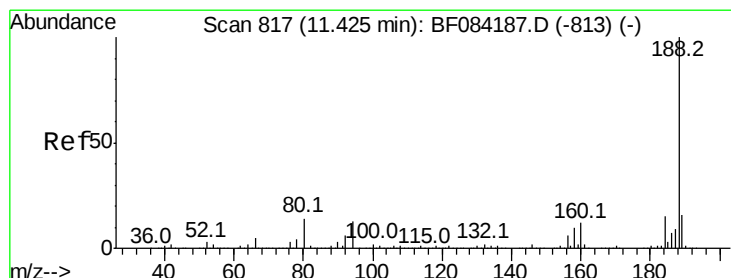
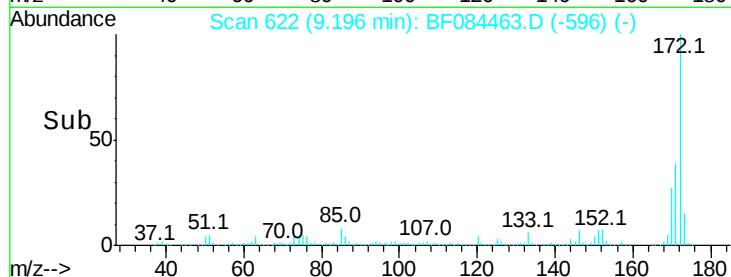
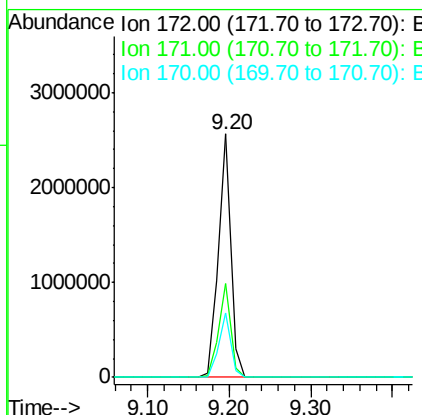
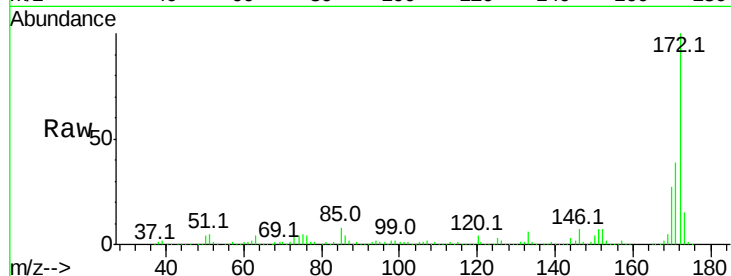


#44
 2-Fluorobiphenyl
 Concen: 81.87 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084463.D
 Acq: 14 Jan 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-19-010516

Tot Ion:172 Resp: 2710985

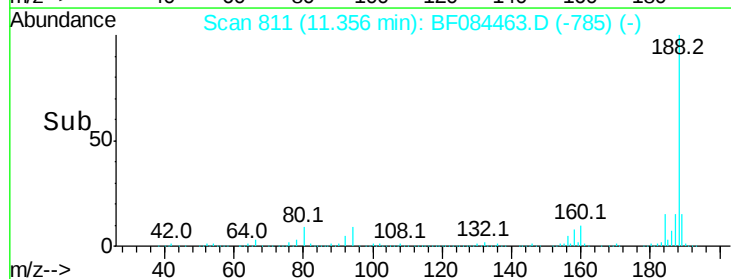
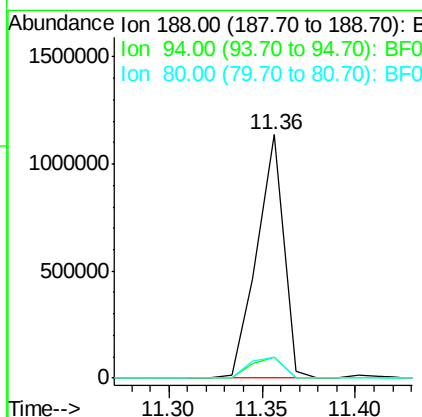
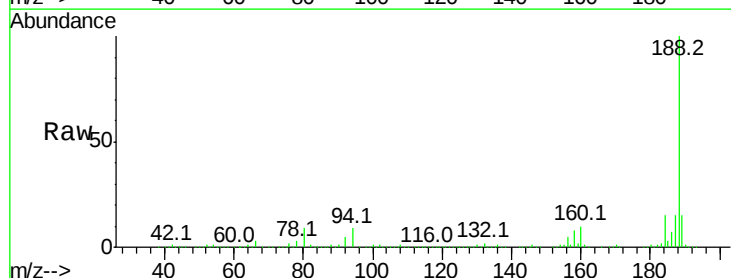
Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.9	43.3
170	26.5	18.6	27.8

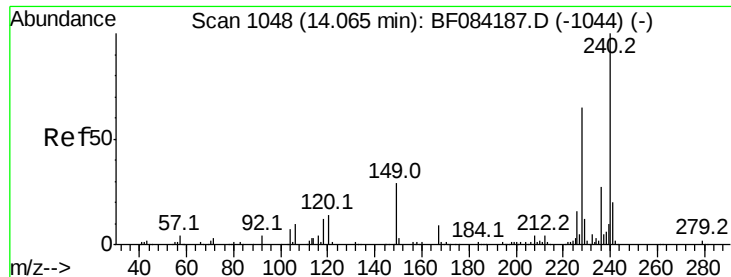


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF084463.D
 Acq: 14 Jan 2016 1:19

Tgt Ion:188 Resp: 1132178

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	8.7	9.6	14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Instrument :

BNA_F

ClientSampleId :

HSR-WC-19-010516

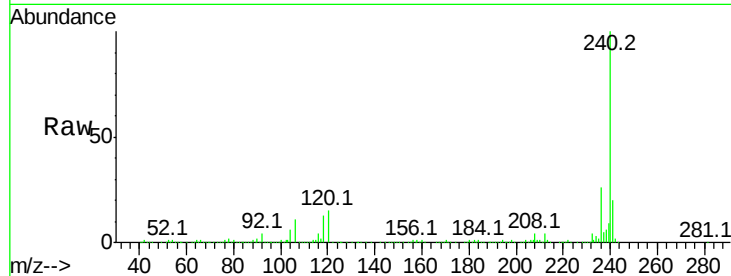
Tot Ion:240 Resp: 920343

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

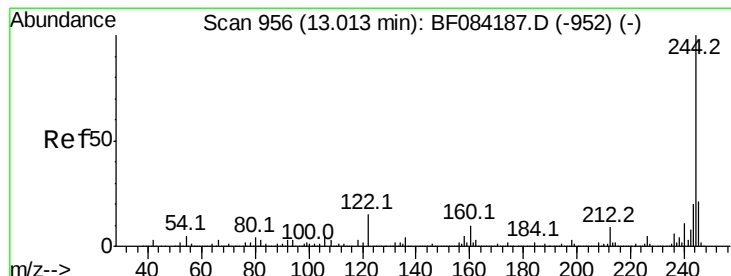
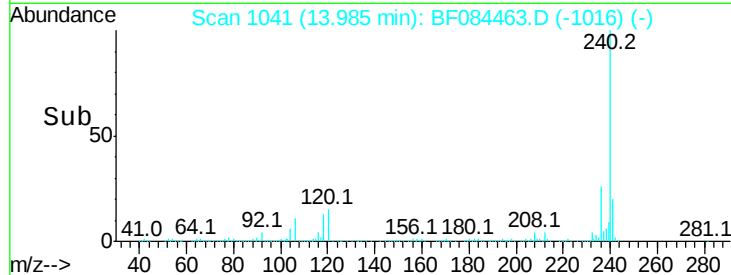
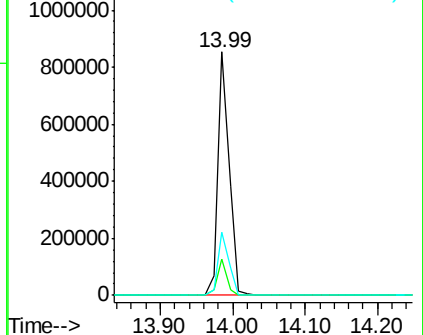
236 25.9 20.6 31.0



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: 67.12 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

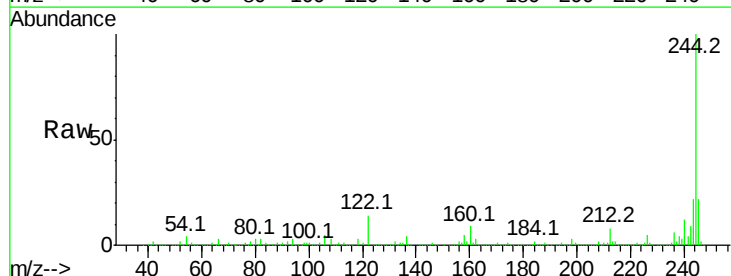
Tgt Ion:244 Resp: 2767303

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

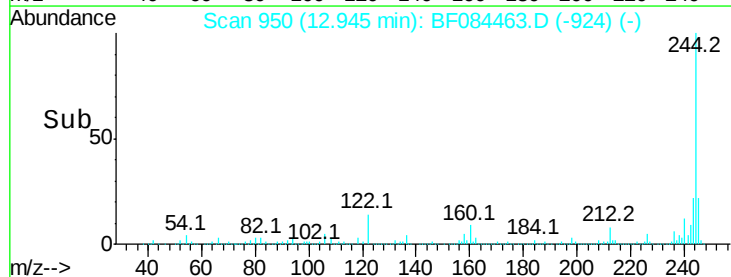
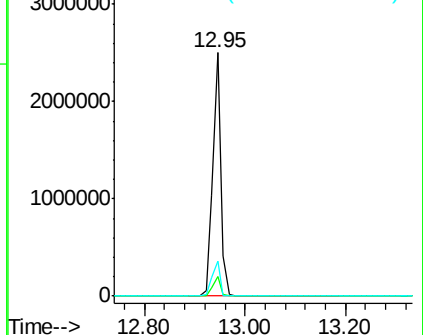
122 14.1 7.4 11.0#

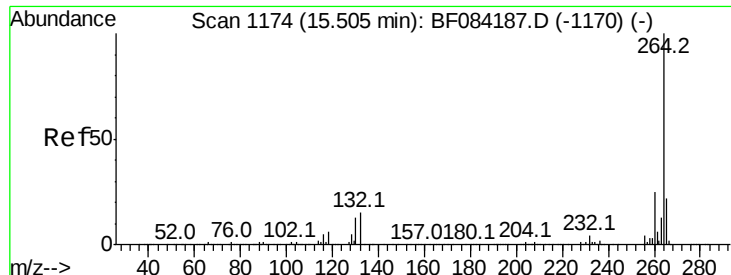


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

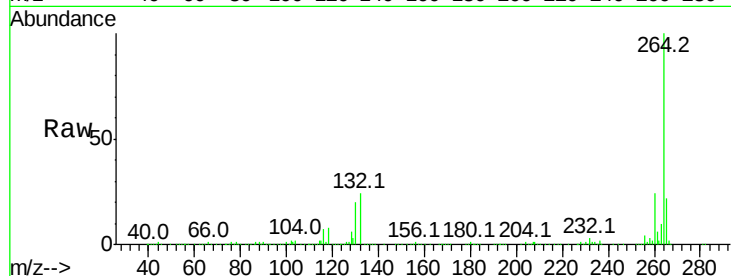




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF084463.D
 Acq: 14 Jan 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-19-010516

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.0	17.8	26.6



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

