

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084503.D
 Acq On : 15 Jan 2016 20:58
 Operator : SJ/UM
 Sample : H1147-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Jan 16 03:02:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

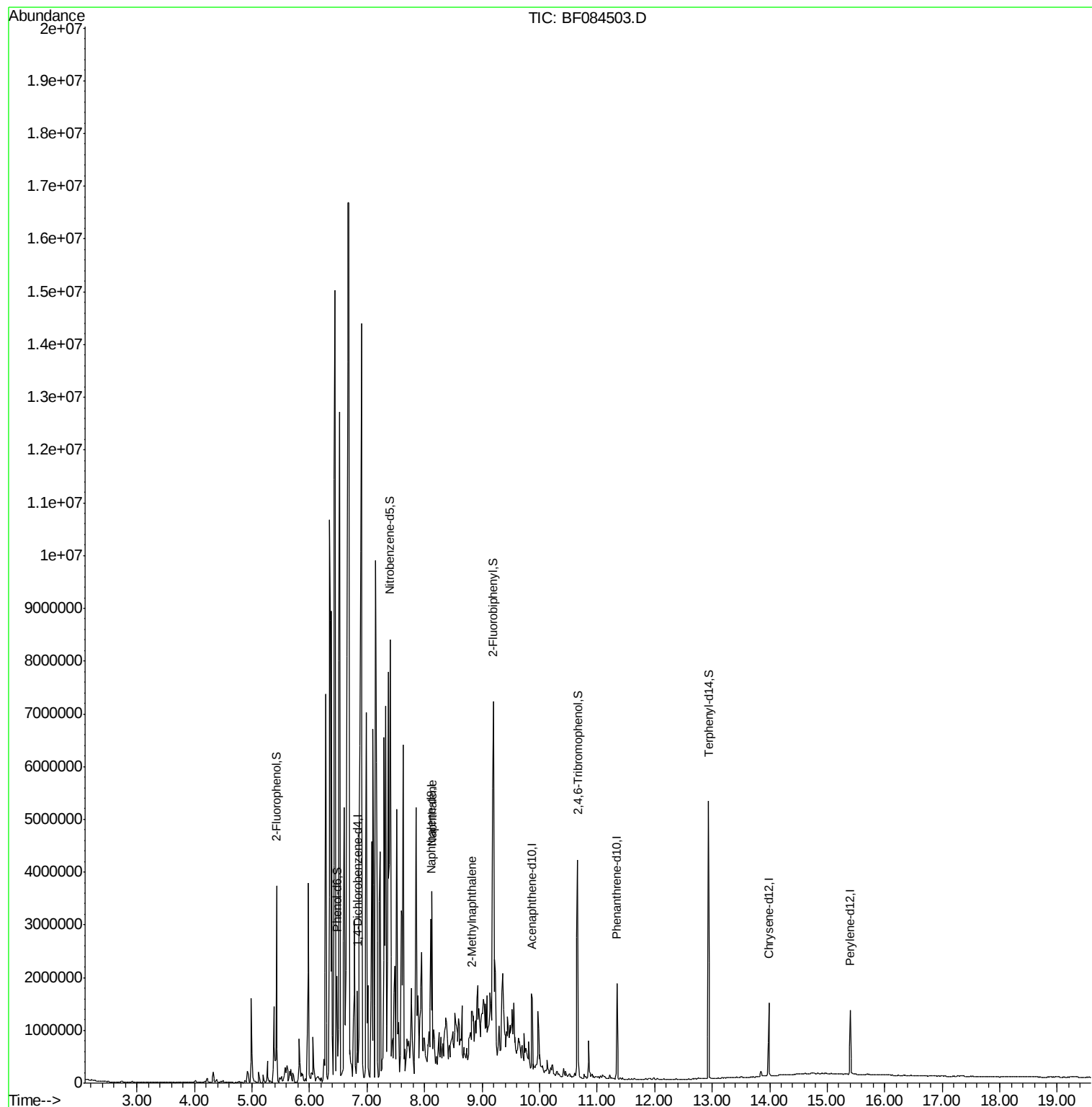
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	237178	20.00	ng	0.01
21) Naphthalene-d8	8.11	136	921875	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	401189	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	650362	20.00	ng	0.00
75) Chrysene-d12	13.99	240	537106	20.00	ng	0.00
86) Perylene-d12	15.40	264	533390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	935591	63.80	ng	0.00
7) Phenol-d6	6.48	99	738717	40.11	ng	0.01
23) Nitrobenzene-d5	7.40	82	1580050	95.39	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	608455	150.22	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2662571	119.30	ng	0.00
78) Terphenyl-d14	12.93	244	1876305	77.98	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	1134856	27.13	ng	99
37) 2-Methylnaphthalene	8.82	142	122375	4.08	ng	97

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-07

Quant Time: Jan 16 03:02:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF084503.D

Acq: 15 Jan 2016 20:58

Instrument :

BNA_F

ClientSampleId :

MW-07

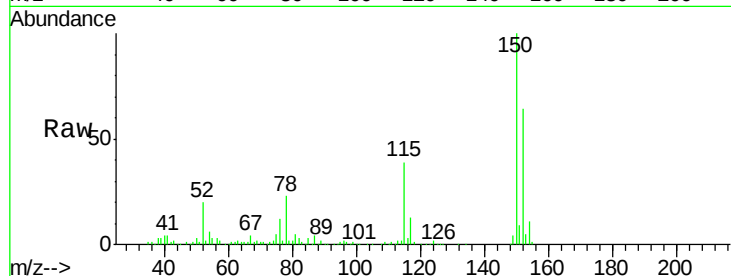
Tot Ion:152 Resp: 237178

Ion Ratio Lower Upper

152 100

150 155.9 123.0 184.4

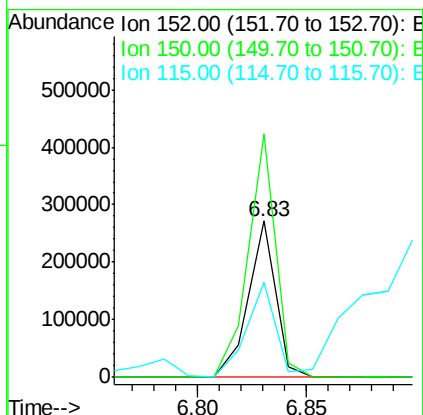
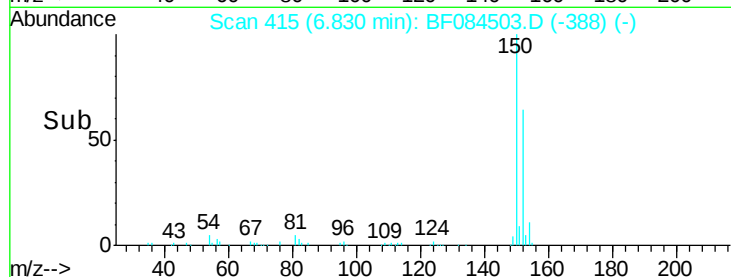
115 61.1 51.4 77.2



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: 63.80 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF084503.D

Acq: 15 Jan 2016 20:58

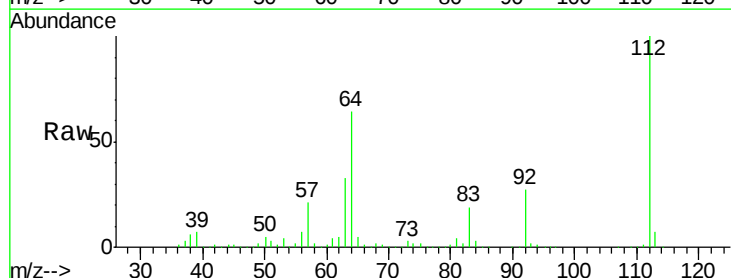
Tgt Ion:112 Resp: 935591

Ion Ratio Lower Upper

112 100

64 63.8 36.6 55.0#

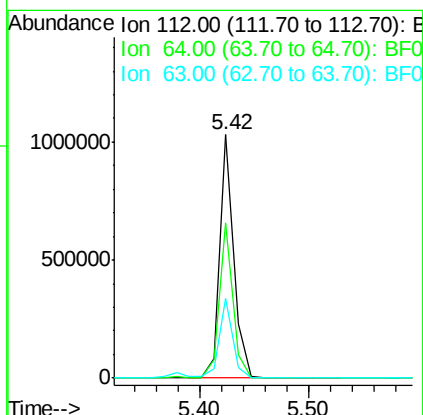
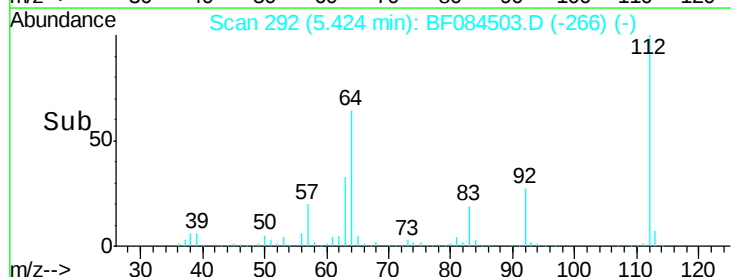
63 32.7 19.4 29.0#

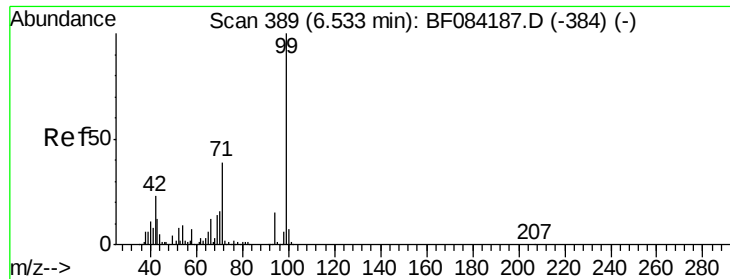


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.11 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084503.D

Acq: 15 Jan 2016 20:58

Instrument :

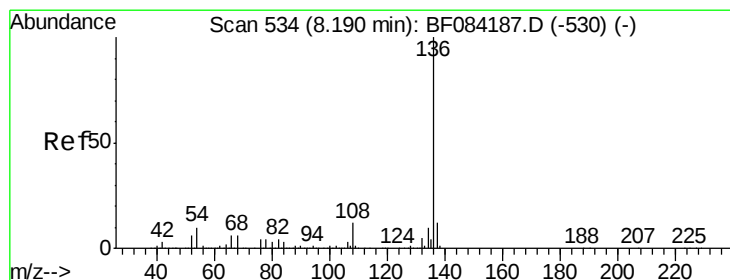
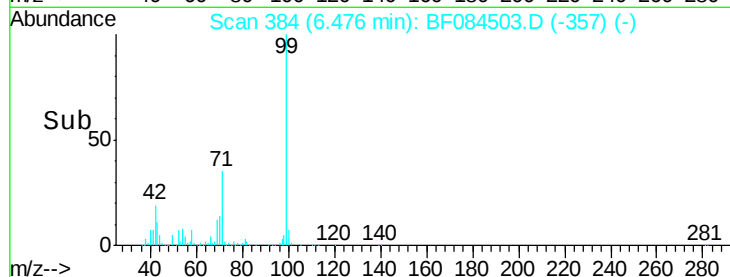
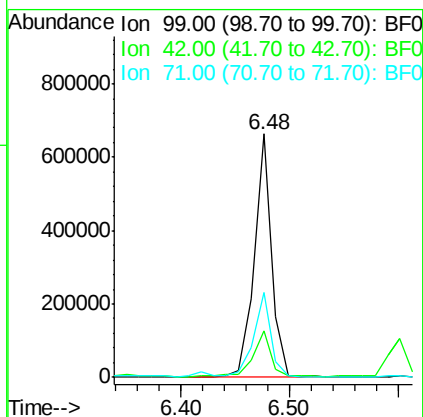
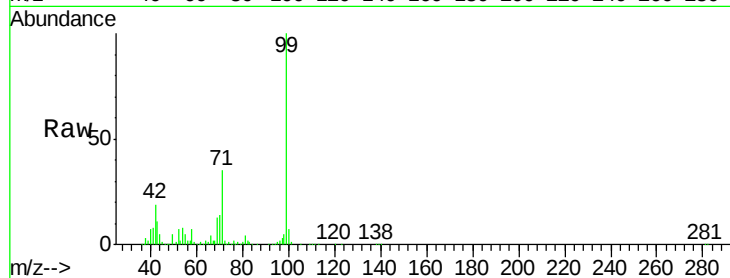
BNA_F

ClientSampleId :

MW-07

Tot Ion: 99 Resp: 738717

Ion	Ratio	Lower	Upper
99	100		
42	19.3	12.8	19.2#
71	34.7	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

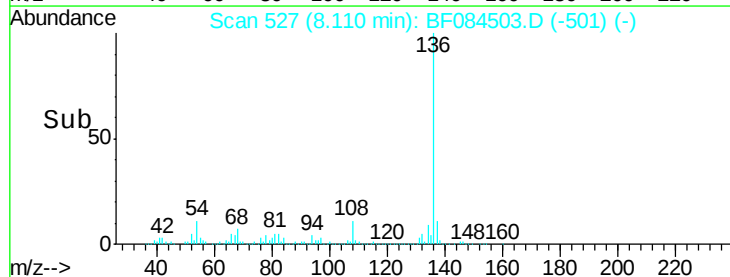
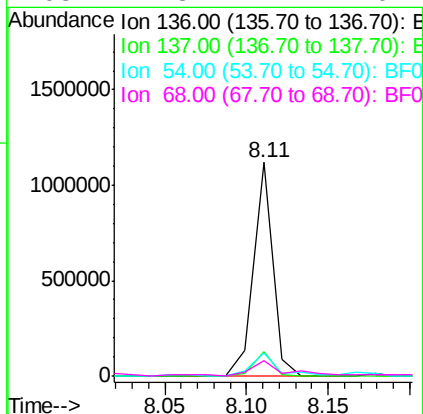
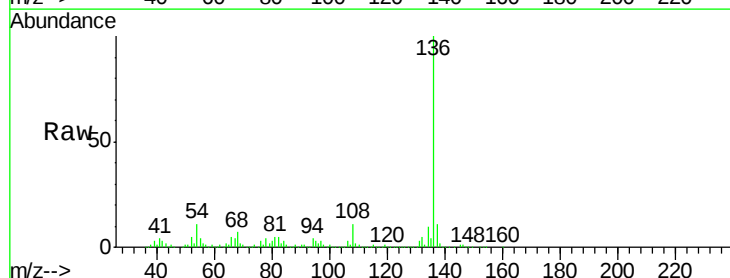
Delta R.T. 0.00 min

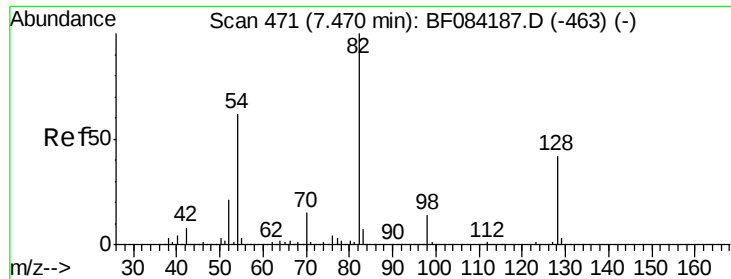
Lab File: BF084503.D

Acq: 15 Jan 2016 20:58

Tgt Ion: 136 Resp: 921875

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.7	5.8	8.8#
68	7.3	4.2	6.2#

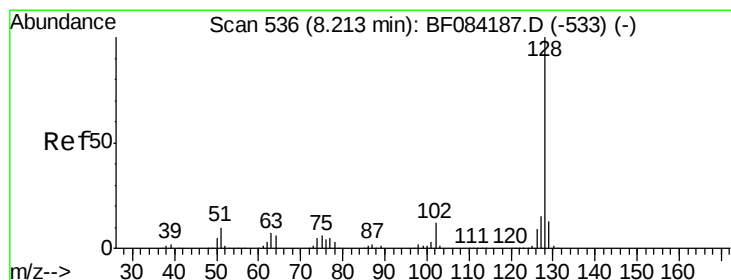
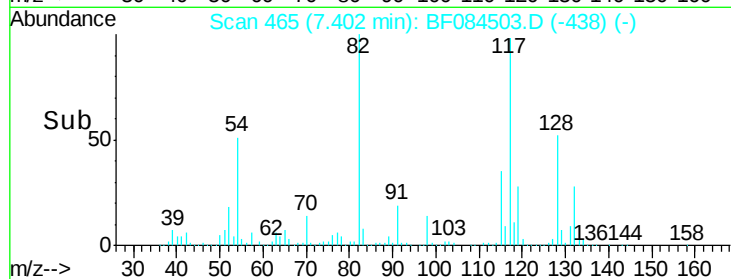
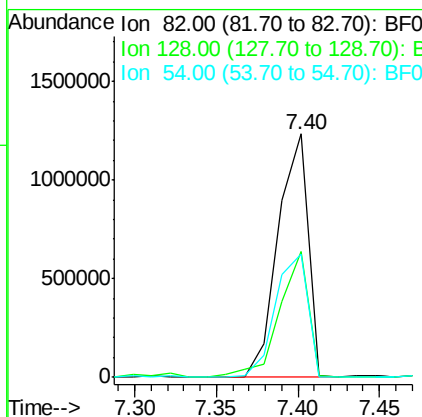
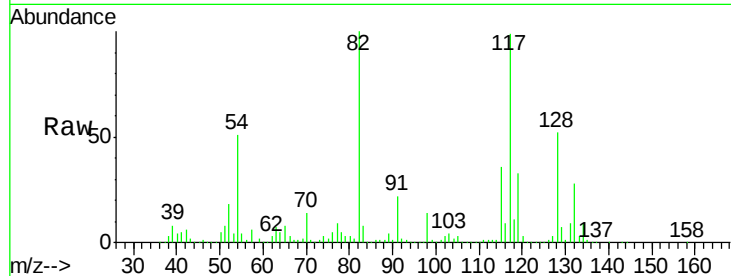




#23
Nitrobenzene-d5
Concen: 95.39 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF084503.D
Acq: 15 Jan 2016 20:58

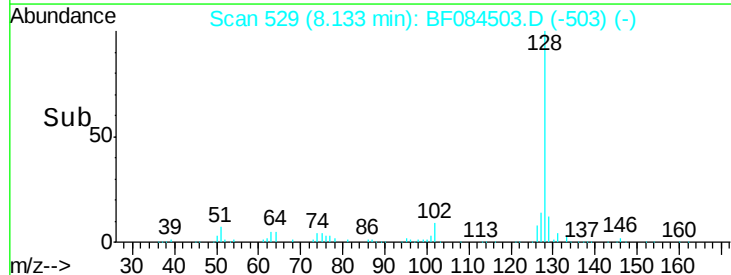
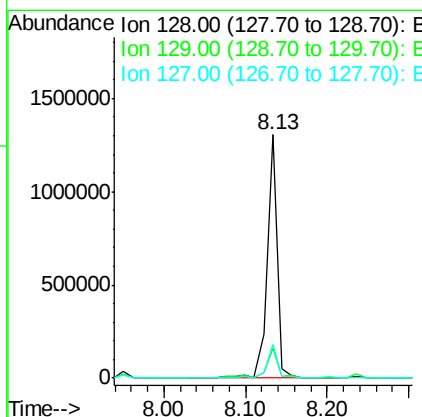
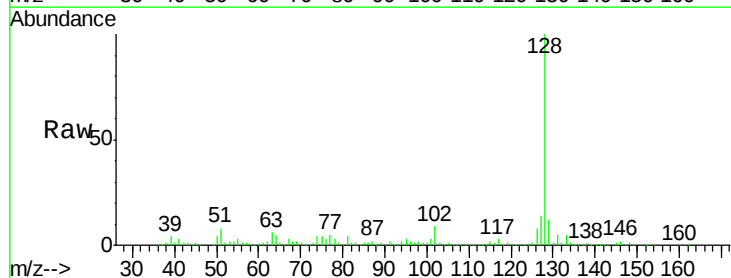
Instrument :
BNA_F
ClientSampleId :
MW-07

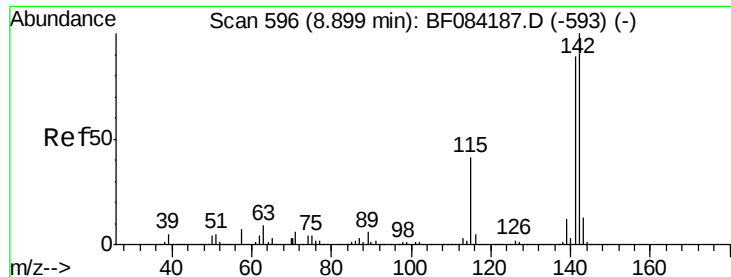
Tot Ion: 82 Resp: 1580050
Ion Ratio Lower Upper
82 100
128 51.9 34.6 51.8#
54 50.9 38.4 57.6



#31
Naphthalene
Concen: 27.13 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084503.D
Acq: 15 Jan 2016 20:58

Tgt Ion:128 Resp: 1134856
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.9 11.1 16.7

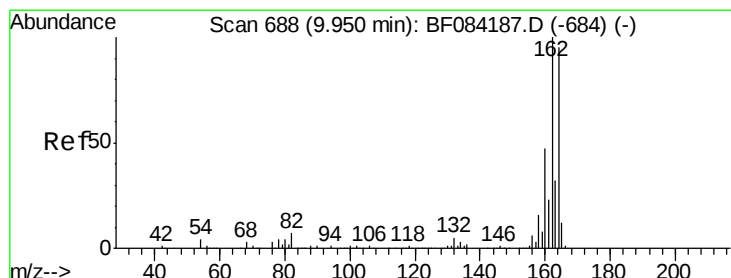
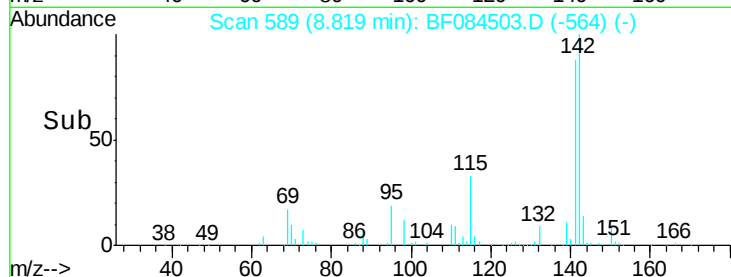
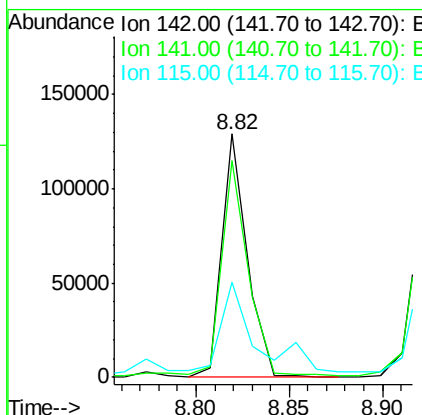
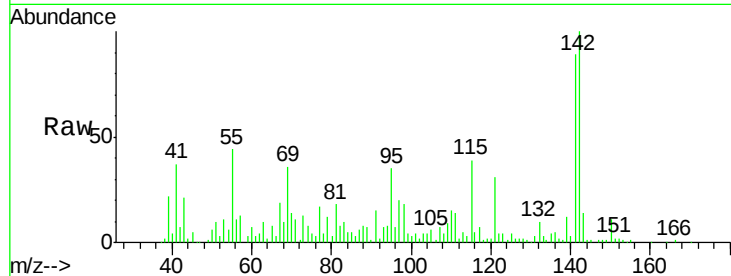




#37
2-Methylnaphthalene
Concen: 4.08 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF084503.D
Acq: 15 Jan 2016 20:58

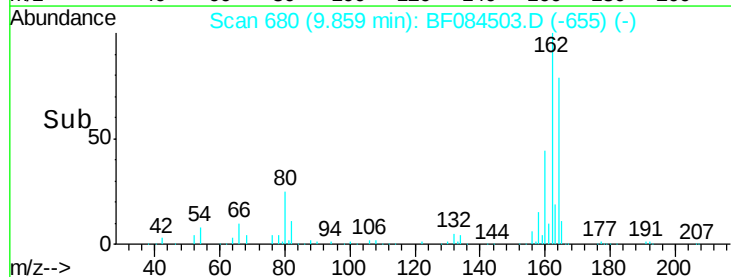
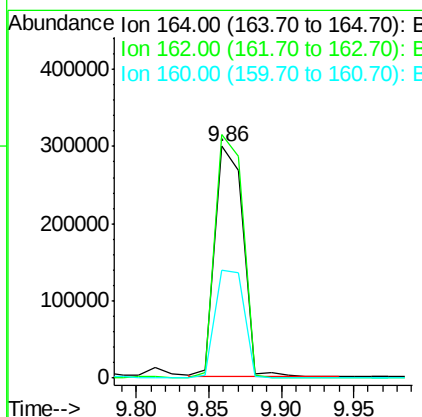
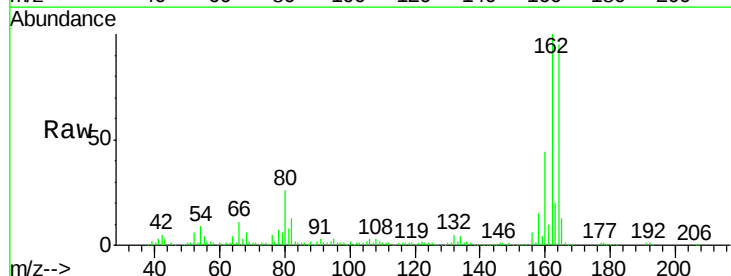
Instrument :
BNA_F
ClientSampleId :
MW-07

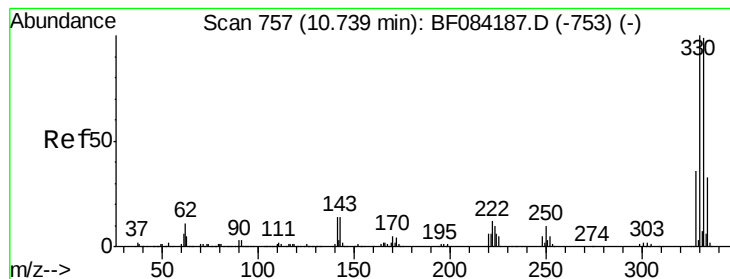
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.4	108.6
115	39.0	27.9	41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084503.D
Acq: 15 Jan 2016 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	46.5	37.5	56.3

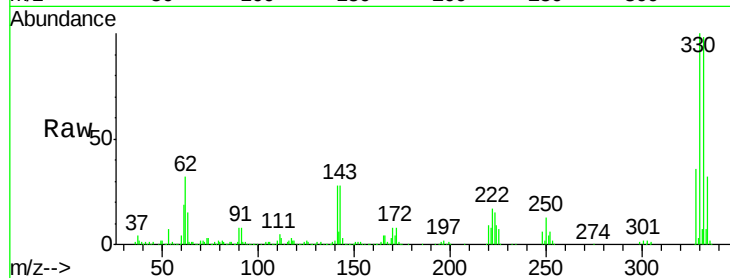




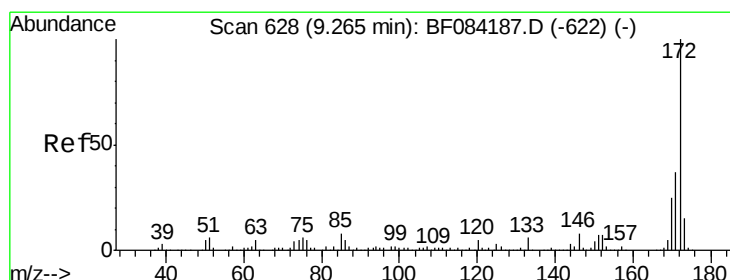
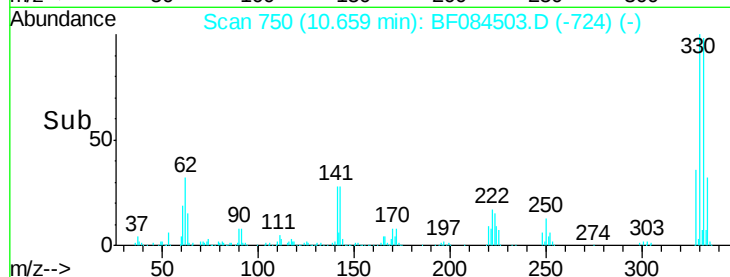
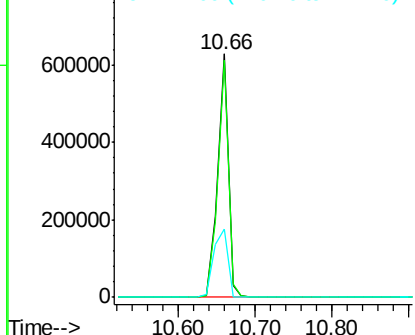
#41
 2,4,6-Tribromophenol
 Concen: 150.22 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084503.D
 Acq: 15 Jan 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	37.1	27.8	41.6

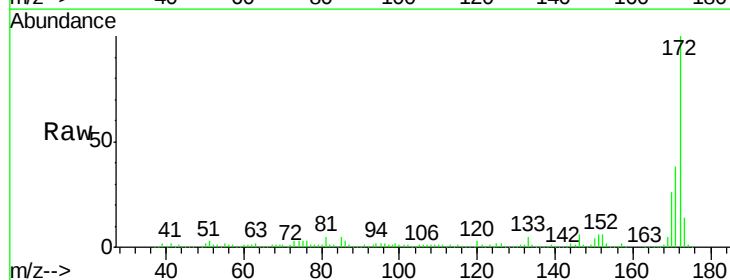


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

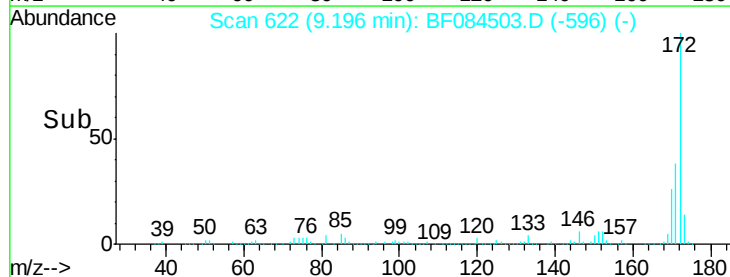
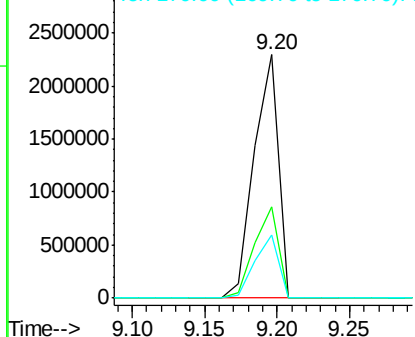


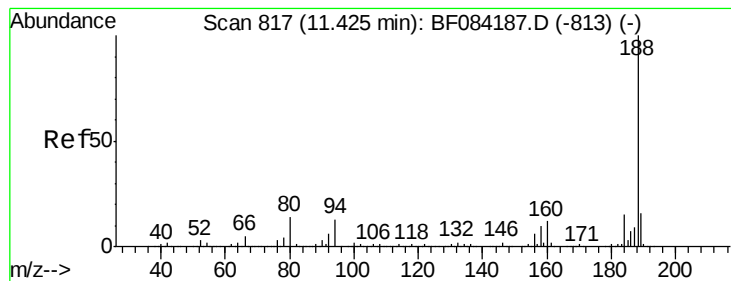
#44
 2-Fluorobiphenyl
 Concen: 119.30 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084503.D
 Acq: 15 Jan 2016 20:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.9	43.3
170	25.9	18.6	27.8



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: BF084503.D

Acq: 15 Jan 2016 20:58

Instrument :

BNA_F

ClientSampleId :

MW-07

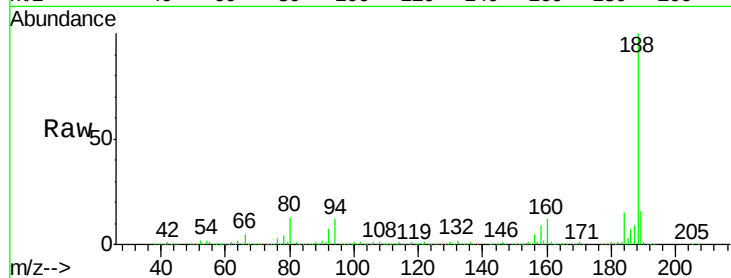
Tot Ion:188 Resp: 650362

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.4

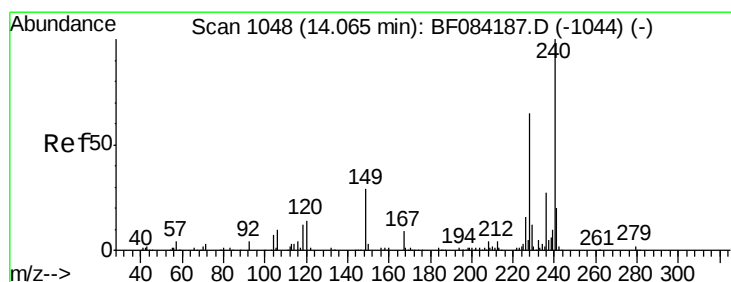
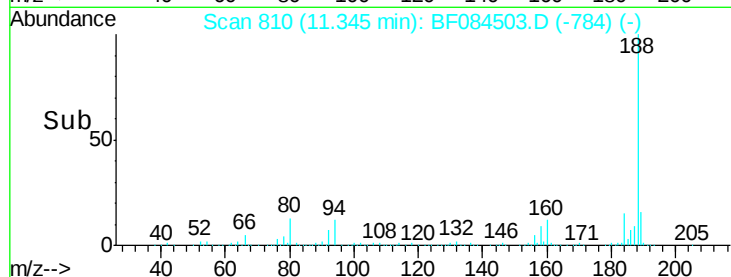
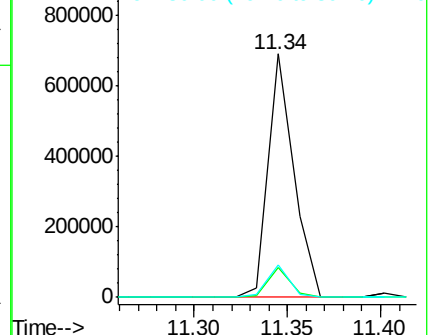
80 13.1 9.6 14.4



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: BF084503.D

Acq: 15 Jan 2016 20:58

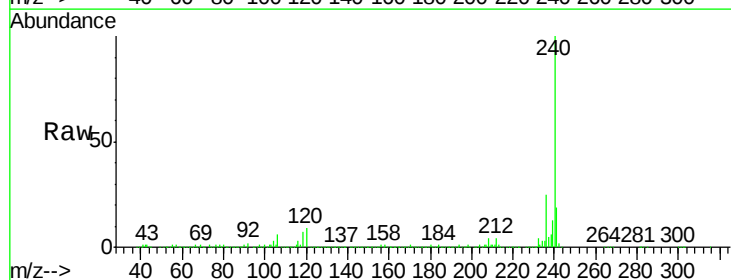
Tgt Ion:240 Resp: 537106

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

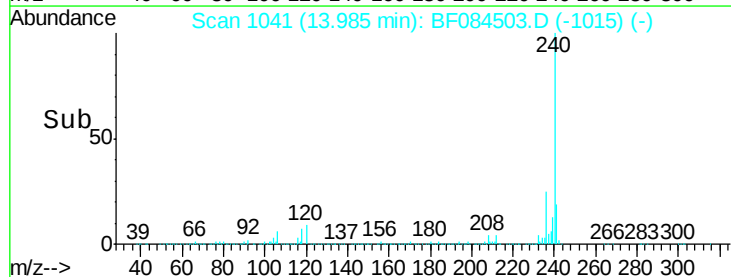
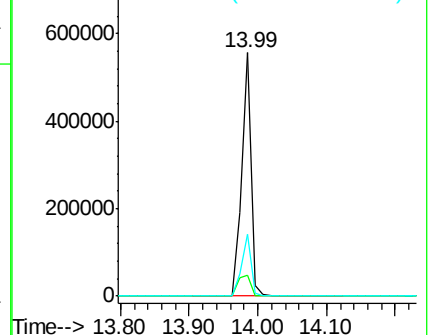
236 25.3 20.6 31.0

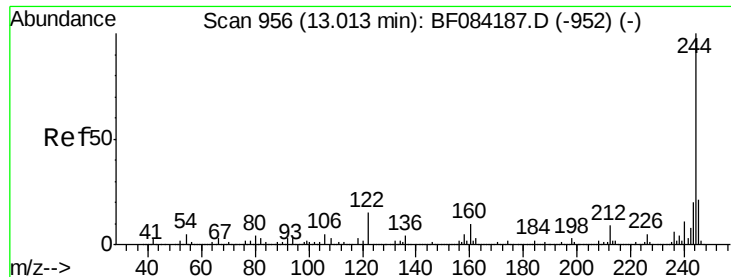


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

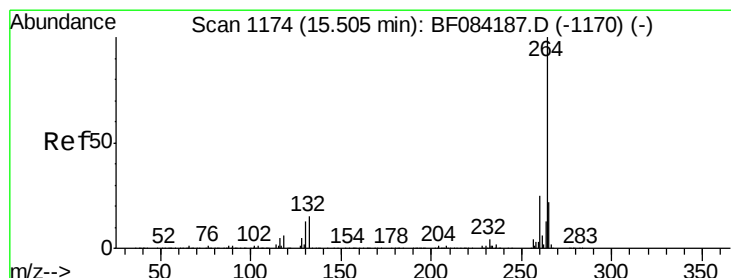
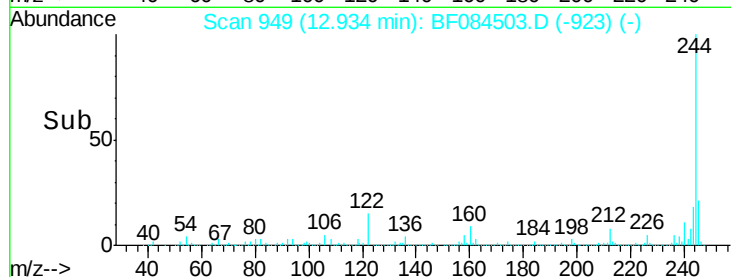
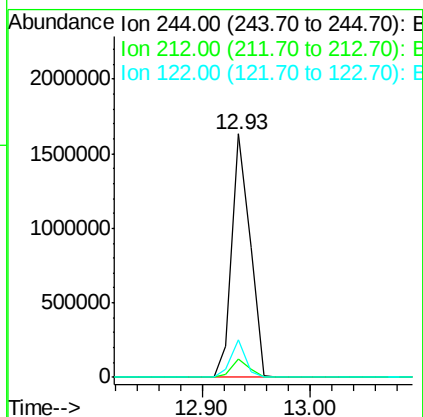
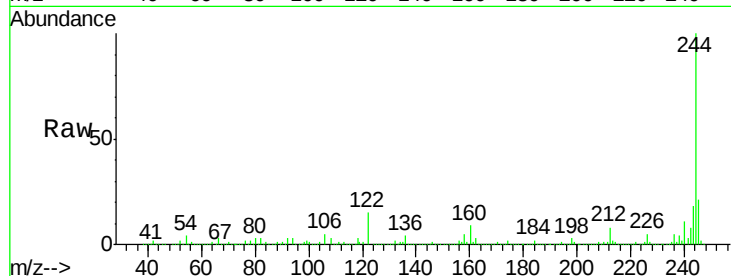




#78
 Terphenyl-d14
 Concen: 77.98 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF084503.D
 Acq: 15 Jan 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tot Ion:244 Resp: 1876305
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 15.4 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF084503.D
 Acq: 15 Jan 2016 20:58

Tgt Ion:264 Resp: 533390
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.7 17.8 26.6

