

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084348.D
 Acq On : 9 Jan 2016 2:21
 Operator : SJ/UM
 Sample : H1036-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM3

Quant Time: Jan 09 04:56:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

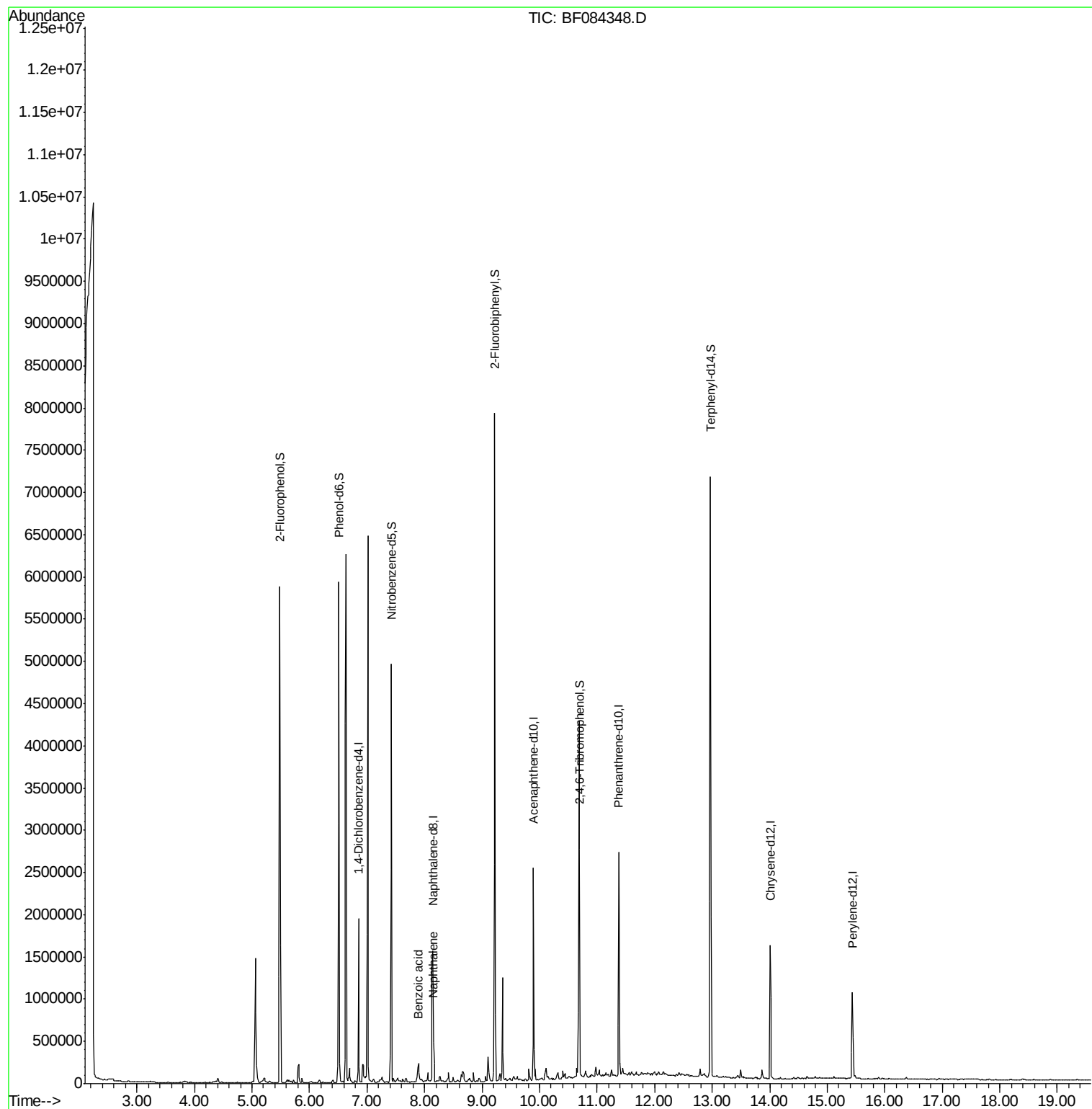
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	238418	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	980421	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	473330	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	909552	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	680212	20.00	ng	-0.06
86) Perylene-d12	15.44	264	490014	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1656525	112.38	ng	-0.01
7) Phenol-d6	6.51	99	2082045	112.47	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1762410	100.05	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	711661	148.92	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2424959	90.54	ng	-0.05
78) Terphenyl-d14	12.97	244	2443653	80.19	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	8.16	128	224843	5.05	ng	97
32) Benzoic acid	7.89	122	51252	10.46	ng	96

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084348.D
Acq On : 9 Jan 2016 2:21
Operator : SJ/UM
Sample : H1036-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-DRUM3

Quant Time: Jan 09 04:56:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

Instrument :

BNA_F

ClientSampleId :

WC-DRUM3

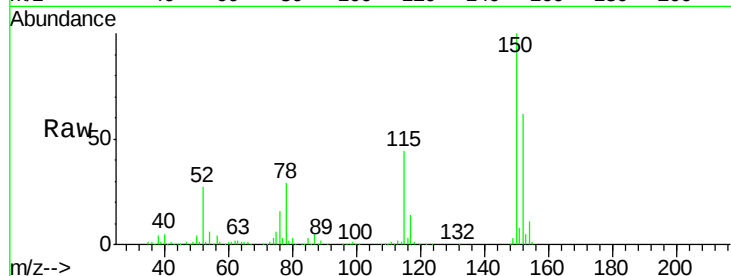
Tgt Ion:152 Resp: 238418

Ion Ratio Lower Upper

152 100

150 160.4 123.0 184.4

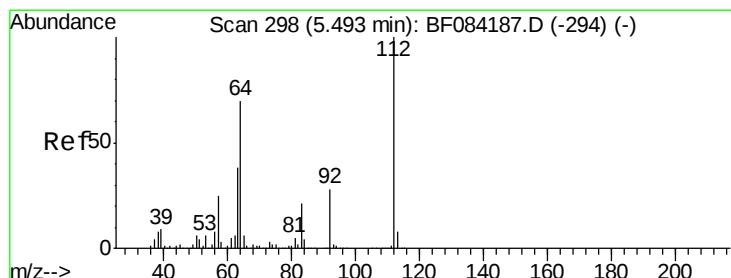
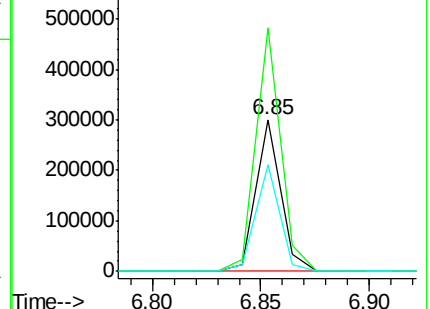
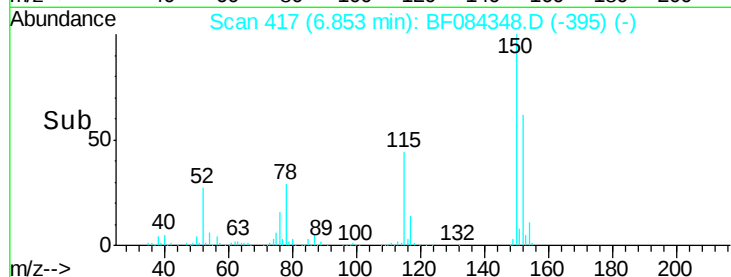
115 70.4 51.4 77.2



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: 112.38 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

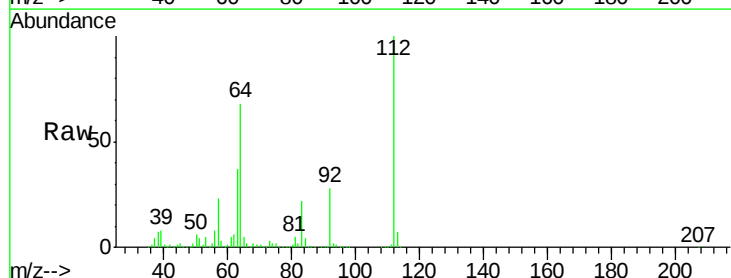
Tgt Ion:112 Resp: 1656525

Ion Ratio Lower Upper

112 100

64 68.0 36.6 55.0#

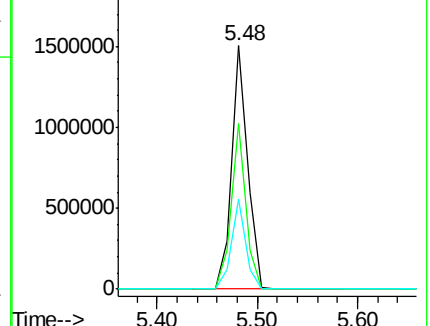
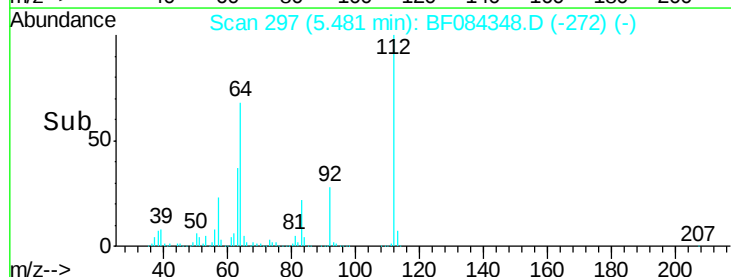
63 36.7 19.4 29.0#



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: 112.47 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

Instrument :

BNA_F

ClientSampleId :

WC-DRUM3

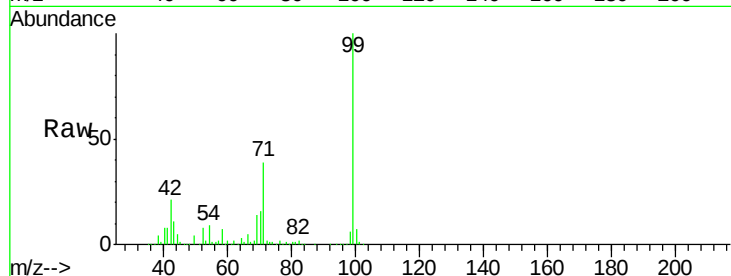
Tgt Ion: 99 Resp: 2082045

Ion Ratio Lower Upper

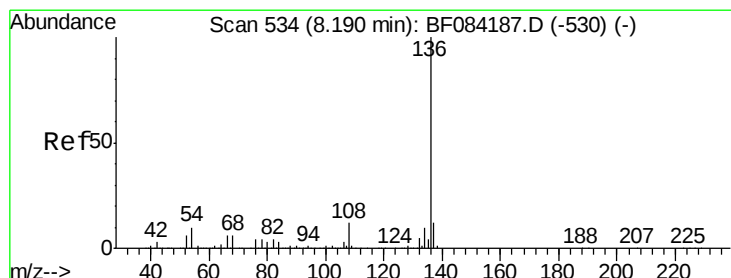
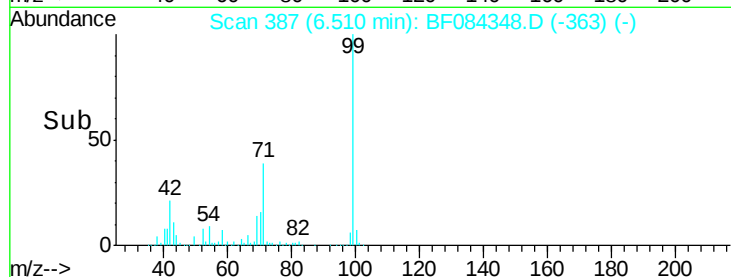
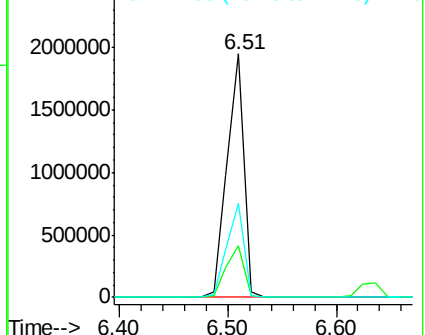
99 100

42 21.5 12.8 19.2#

71 38.7 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

Tgt Ion: 136 Resp: 980421

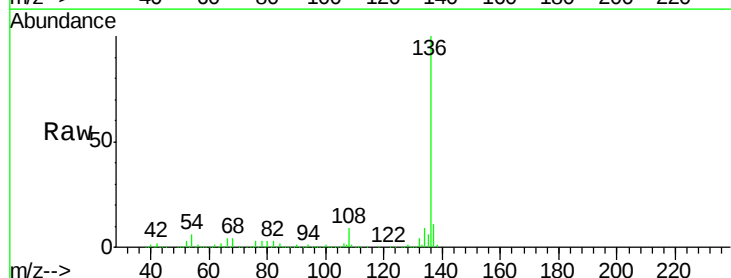
Ion Ratio Lower Upper

136 100

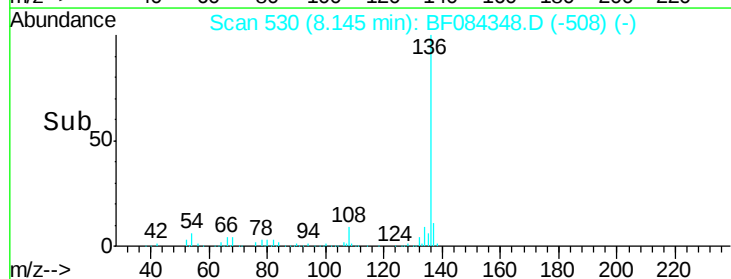
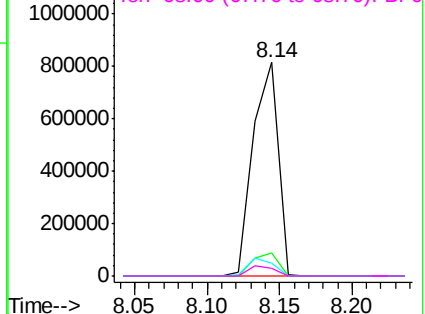
137 10.6 8.7 13.1

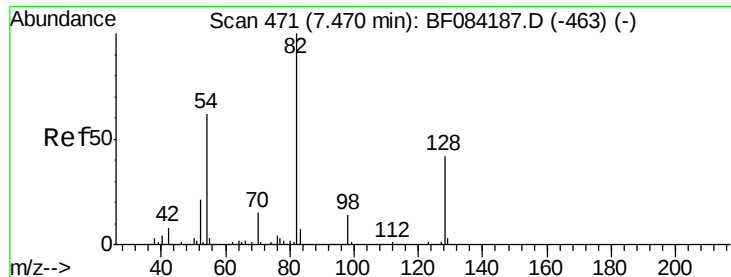
54 6.1 5.8 8.8

68 3.9 4.2 6.2#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

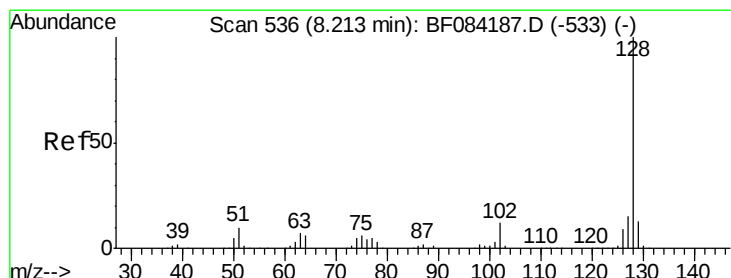
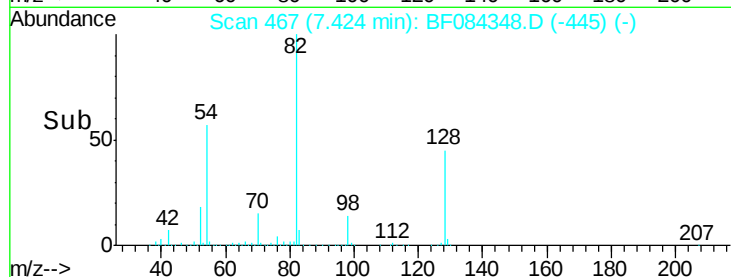
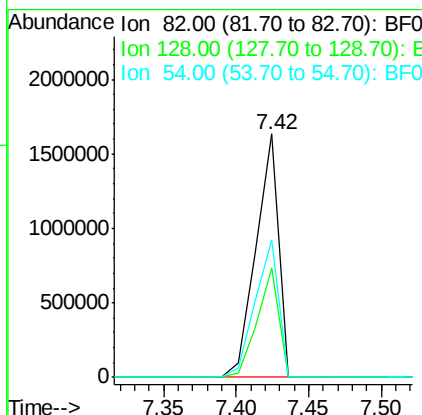
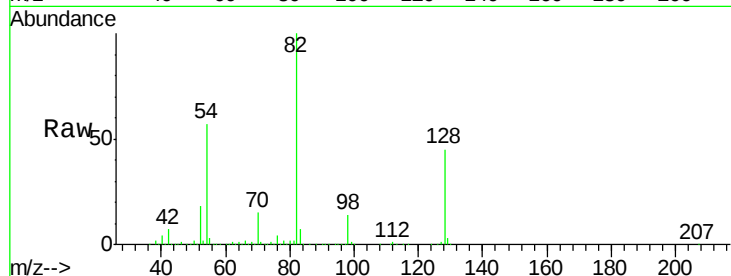




#23
Nitrobenzene-d5
Concen: 100.05 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

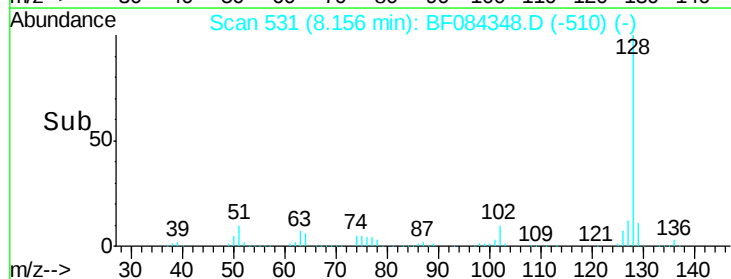
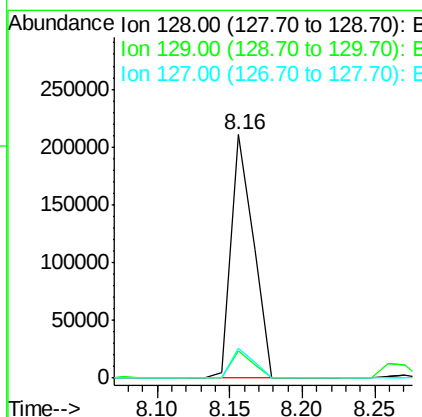
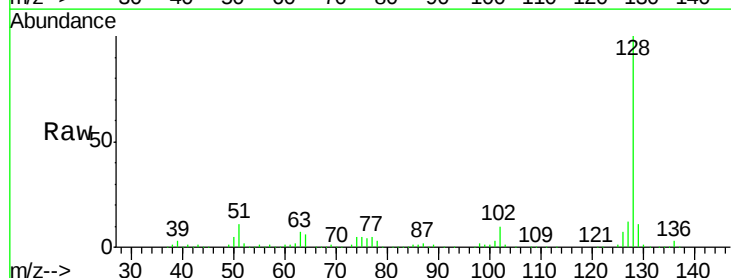
Instrument :
BNA_F
ClientSampleId :
WC-DRUM3

Tgt Ion: 82 Resp: 1762410
Ion Ratio Lower Upper
82 100
128 45.0 34.6 51.8
54 56.5 38.4 57.6



#31
Naphthalene
Concen: 5.05 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

Tgt Ion: 128 Resp: 224843
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.2 11.1 16.7





#32

Benzoic acid

Concen: 10.46 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.07 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

Instrument :

BNA_F

ClientSampleId :

WC-DRUM3

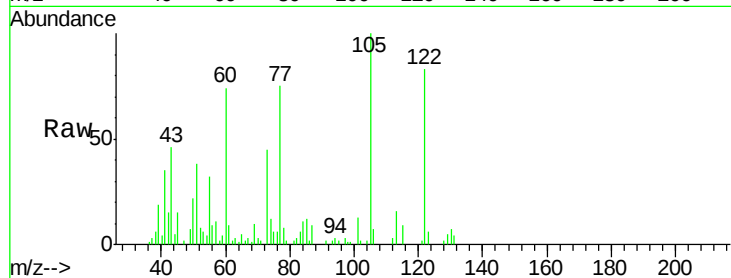
Tgt Ion:122 Resp: 51252

Ion Ratio Lower Upper

122 100

105 121.0 100.3 140.3

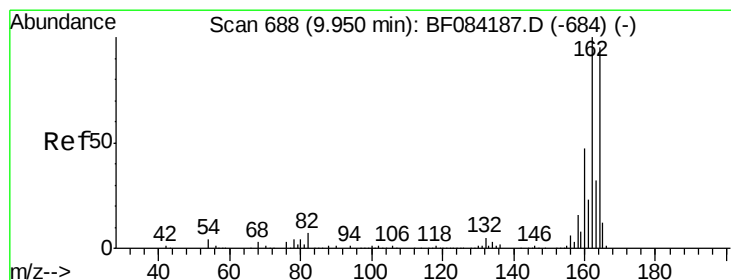
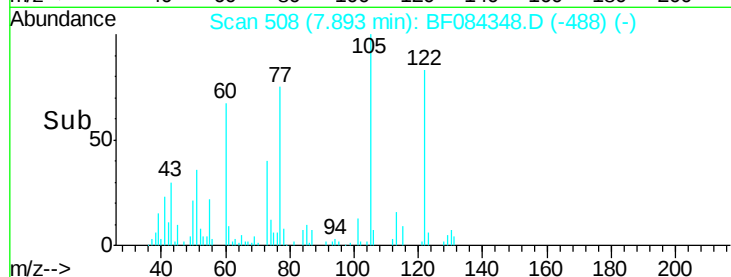
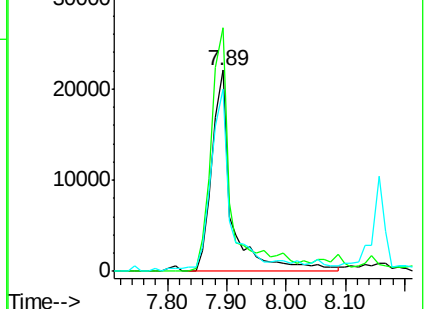
77 90.5 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084348.D

Acq: 9 Jan 2016 2:21

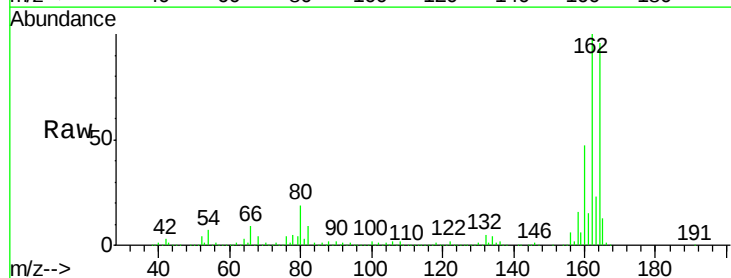
Tgt Ion:164 Resp: 473330

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

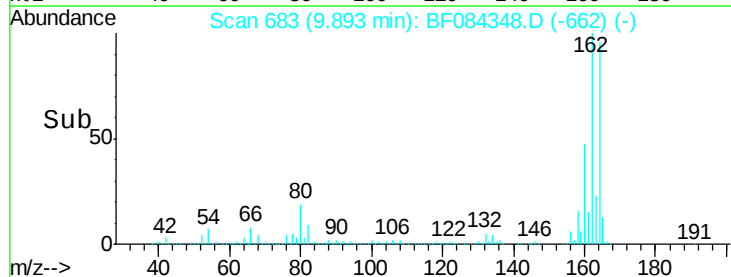
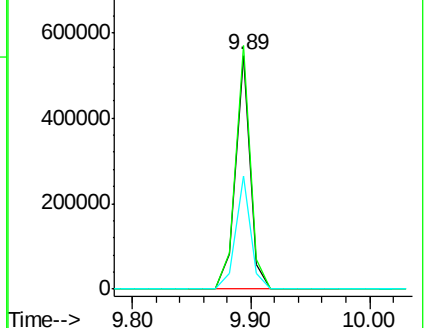
160 48.6 37.5 56.3



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

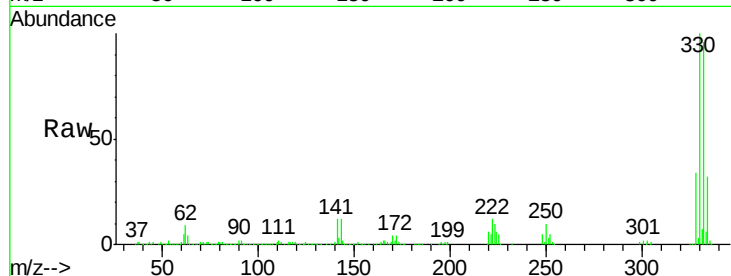




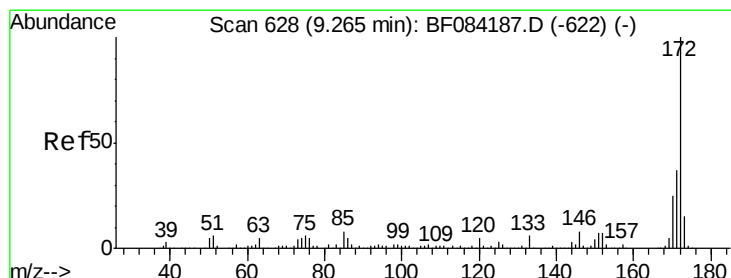
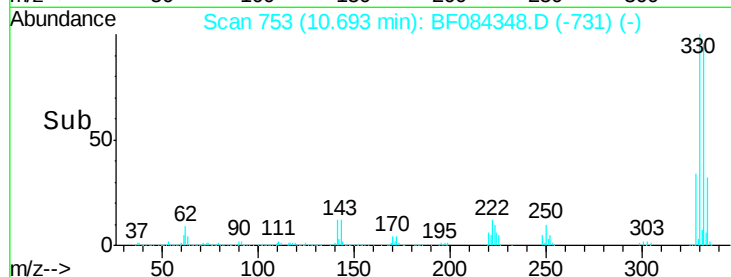
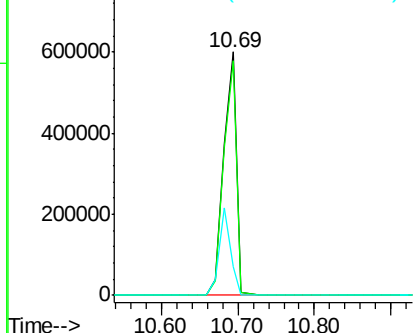
#41
 2,4,6-Tribromophenol
 Concen: 148.92 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084348.D
 Acq: 9 Jan 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM3

Tgt Ion:330 Resp: 711661
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 31.9 27.8 41.6

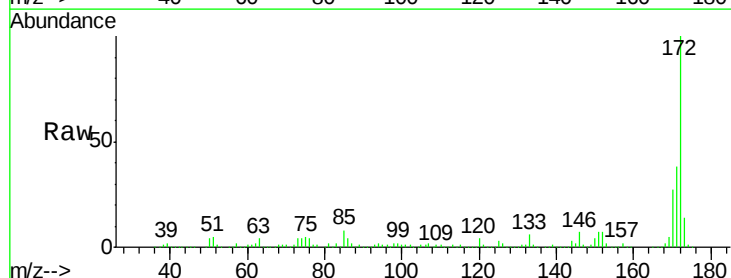


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

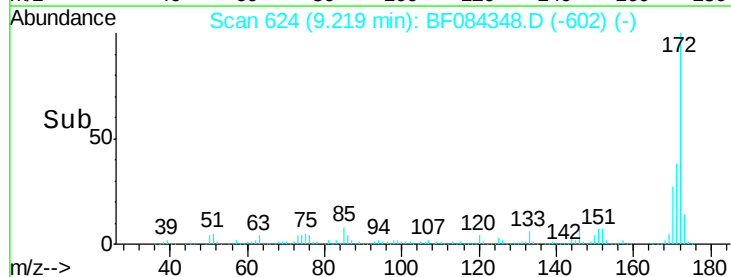
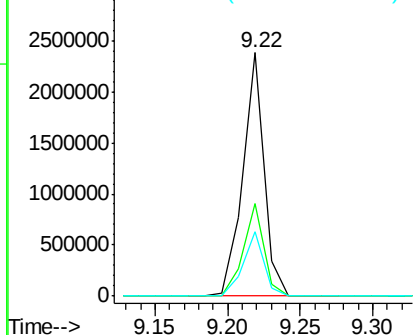


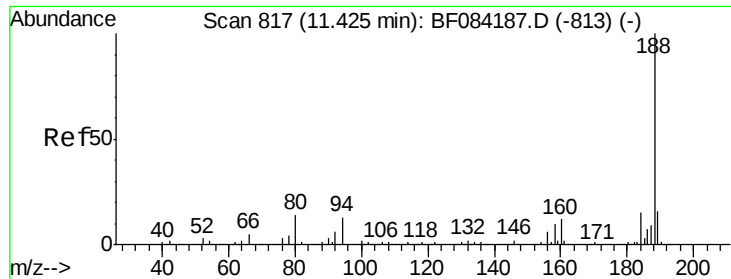
#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084348.D
 Acq: 9 Jan 2016 2:21

Tgt Ion:172 Resp: 2424959
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.9 43.3
 170 26.6 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

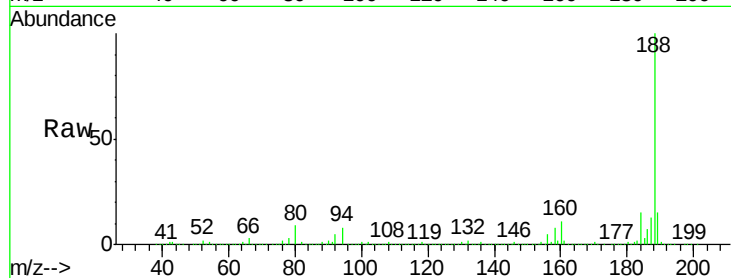




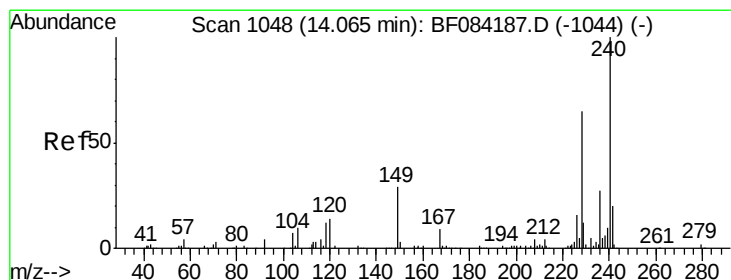
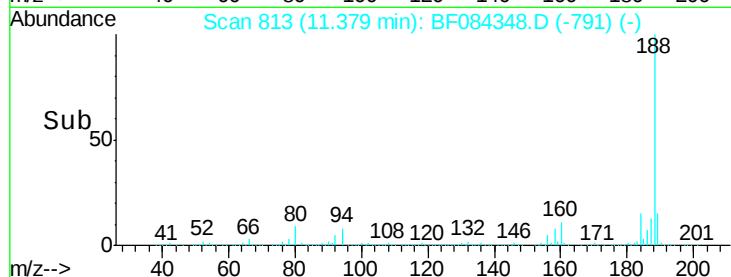
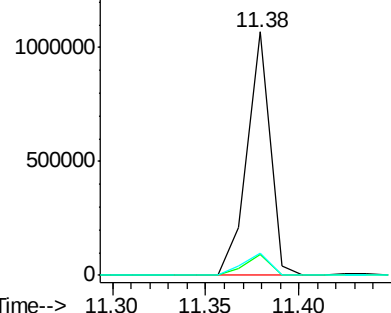
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

Instrument :
BNA_F
ClientSampleId :
WC-DRUM3

Tgt Ion:188 Resp: 909552
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 9.0 9.6 14.4#

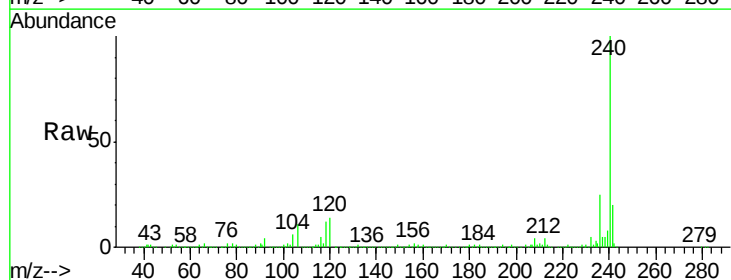


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

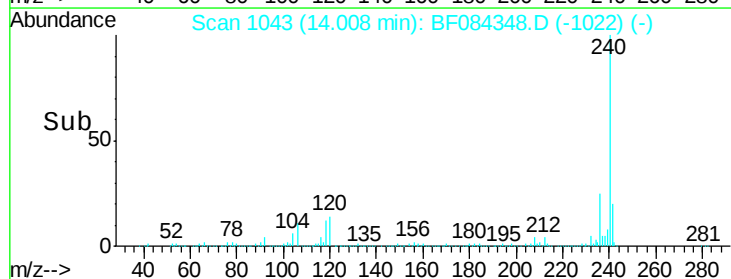
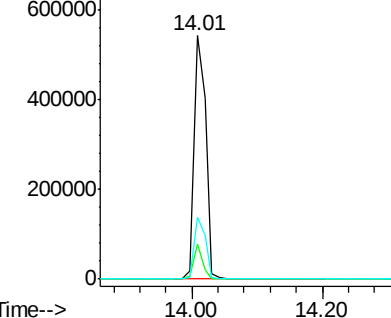


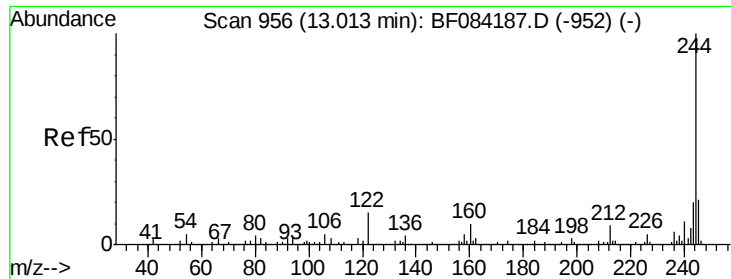
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084348.D
Acq: 9 Jan 2016 2:21

Tgt Ion:240 Resp: 680212
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 25.4 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

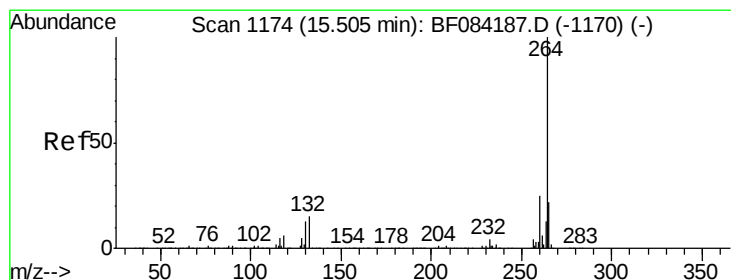
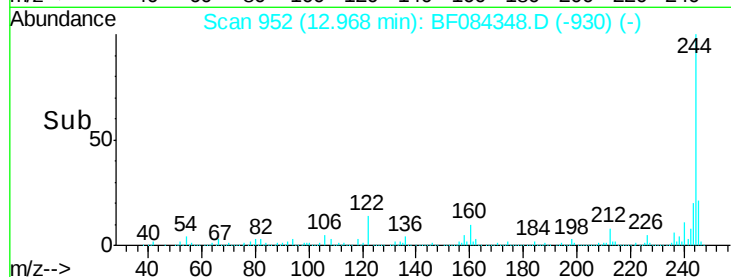
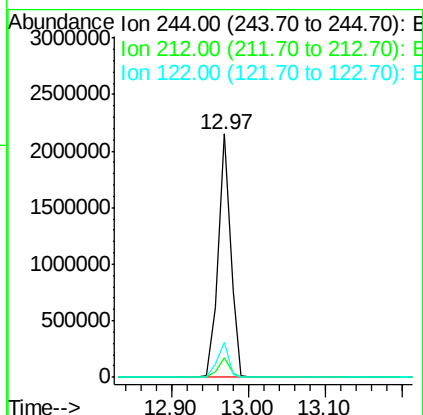
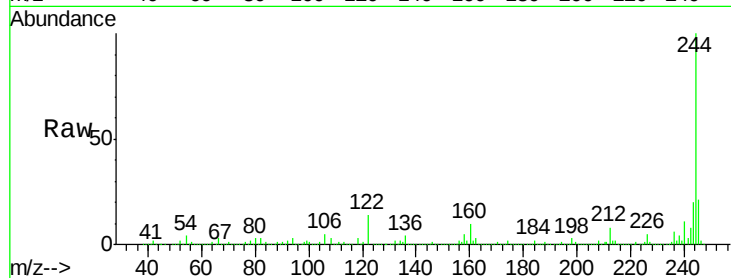




#78
 Terphenyl-d14
 Concen: 80.19 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084348.D
 Acq: 9 Jan 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUM3

Tgt Ion:244 Resp: 2443653
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 14.3 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF084348.D
 Acq: 9 Jan 2016 2:21

Tgt Ion:264 Resp: 490014
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.8 17.8 26.6

