

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084521.D
 Acq On : 16 Jan 2016 5:48
 Operator : SJ/UM
 Sample : H1144-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-3

Quant Time: Jan 18 00:15:26 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	6.82	152	238798	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	959225	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	410665	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	734154	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	545305	20.00	ng	-0.01
86) Perylene-d12	15.40	264	499150	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1108642	75.09	ng	-0.01
7) Phenol-d6	6.46	99	1014468	54.71	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1680291	97.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	649081	156.56	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2748707	120.38	ng	-0.01
78) Terphenyl-d14	12.93	244	1831459	74.97	ng	-0.01

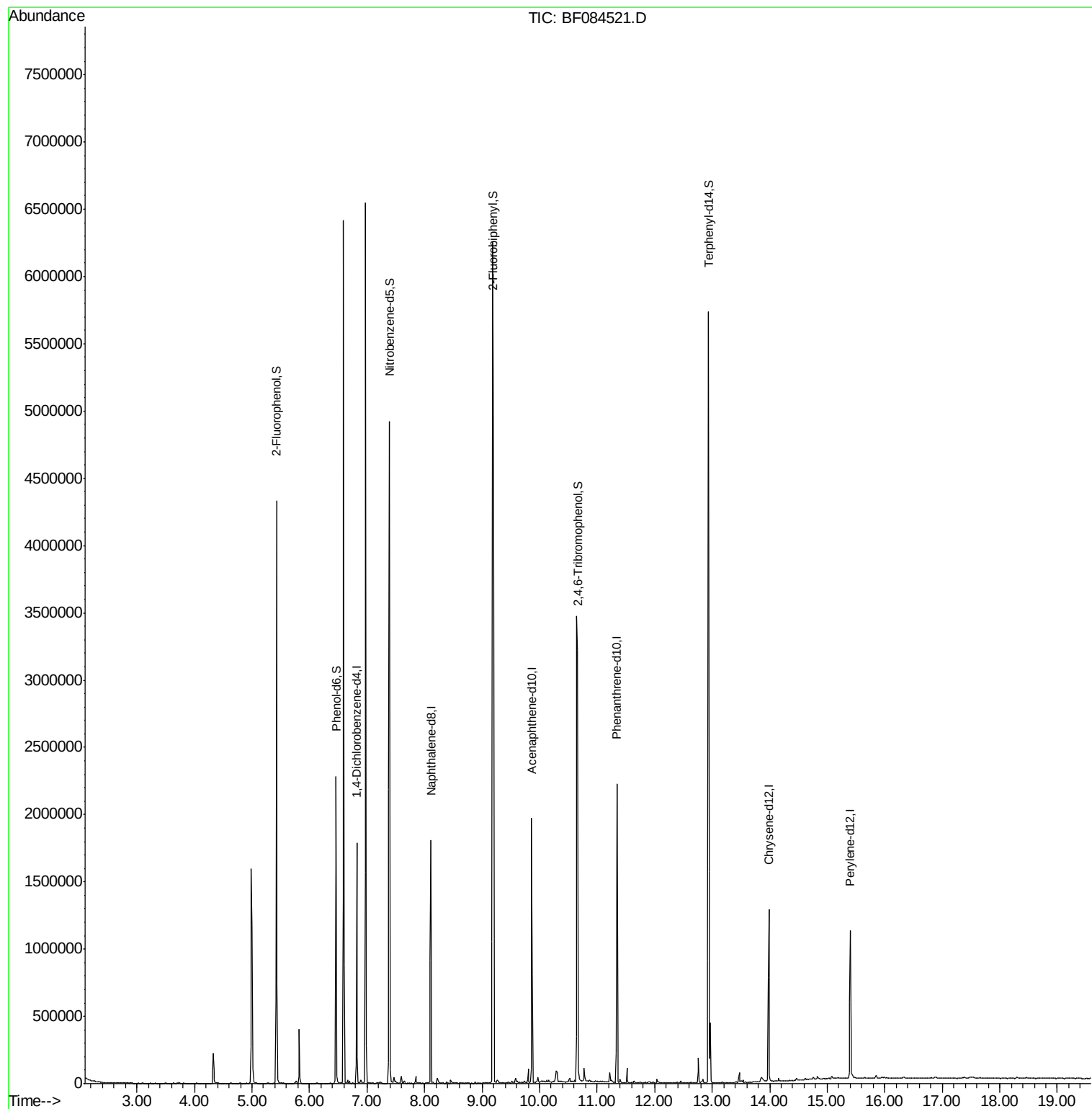
Target Compounds Qvalue

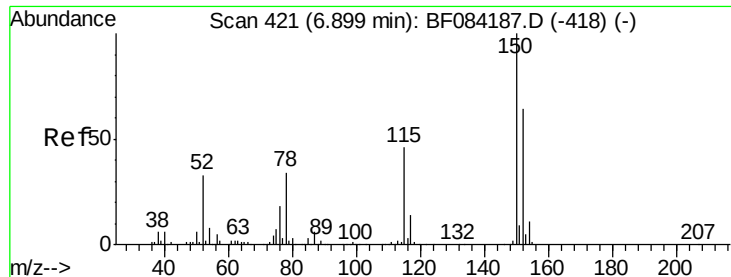
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
TWP-3

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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



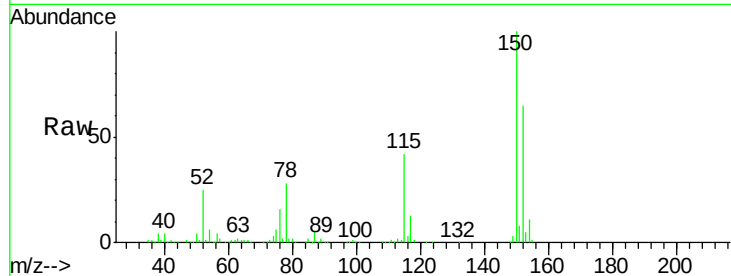


#1

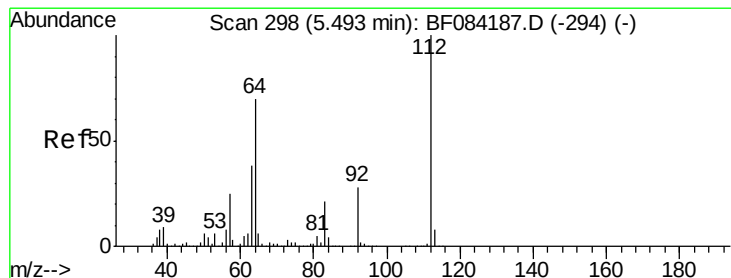
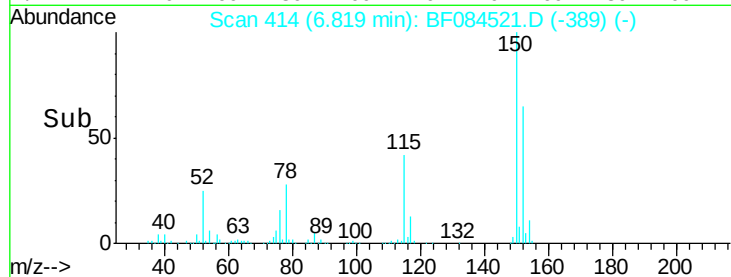
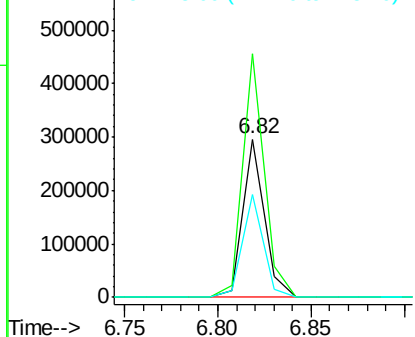
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084521.D
Acq: 16 Jan 2016 5:48

Instrument :
BNA_F
ClientSampleId :
TWP-3

Tot Ion:152 Resp: 238798
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.4
115 64.8 51.4 77.2



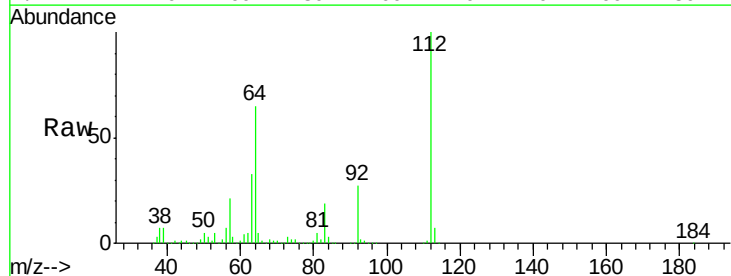
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



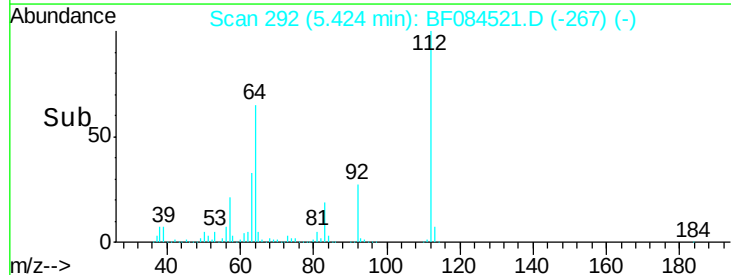
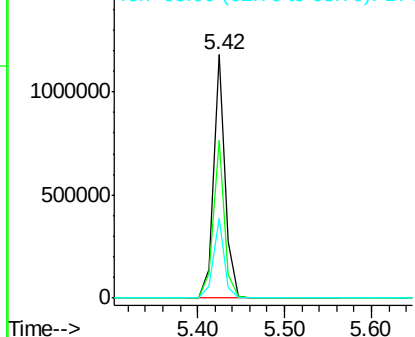
#5

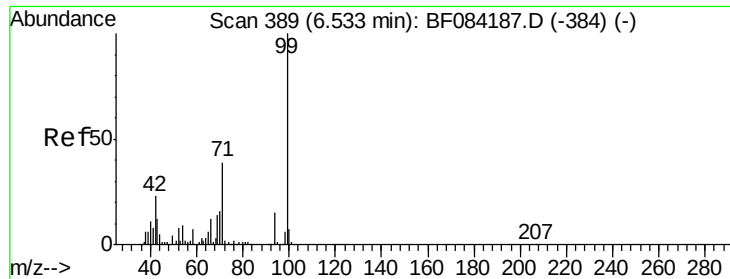
2-Fluorophenol
Concen: 75.09 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.01 min
Lab File: BF084521.D
Acq: 16 Jan 2016 5:48

Tgt Ion:112 Resp: 1108642
Ion Ratio Lower Upper
112 100
64 64.6 36.6 55.0#
63 32.9 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: 54.71 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084521.D

Acq: 16 Jan 2016 5:48

Instrument :

BNA_F

ClientSampleId :

TWP-3

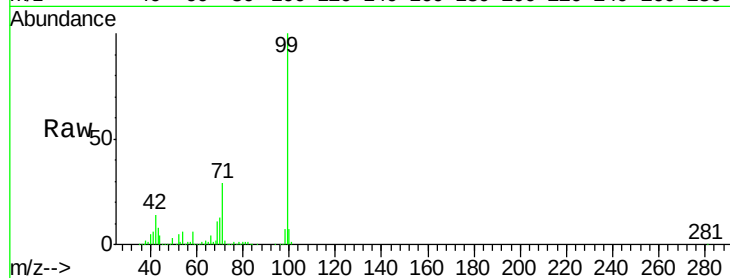
Tot Ion: 99 Resp: 1014468

Ion Ratio Lower Upper

99 100

42 14.5 12.8 19.2

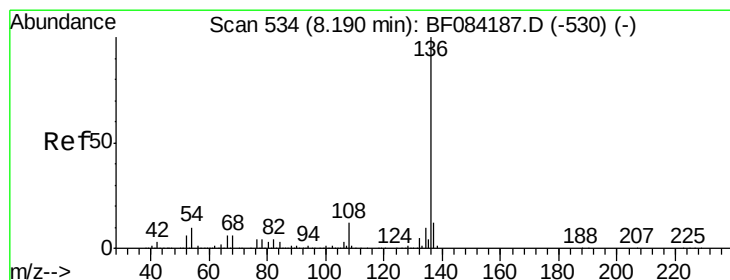
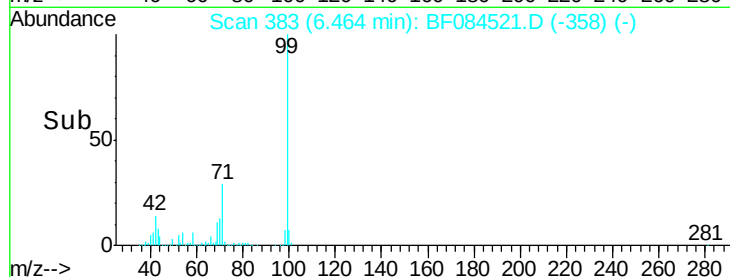
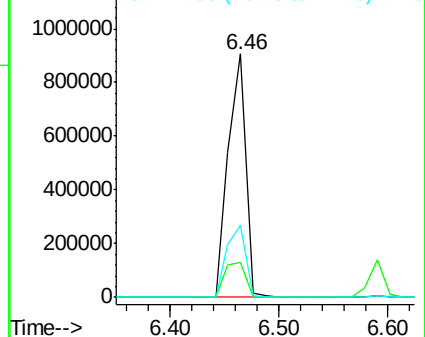
71 29.4 30.9 46.3#



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: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF084521.D

Acq: 16 Jan 2016 5:48

Tgt Ion: 136 Resp: 959225

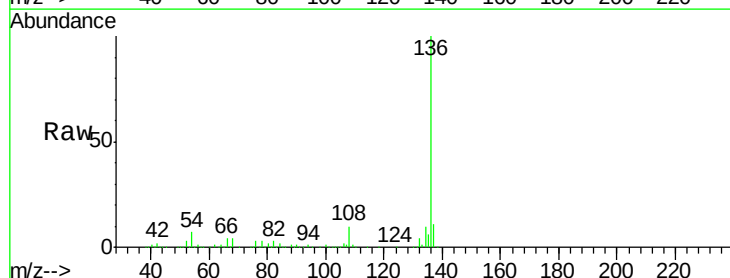
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.6 5.8 8.8

68 4.4 4.2 6.2

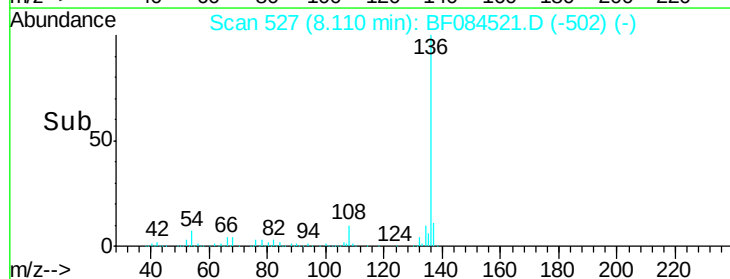
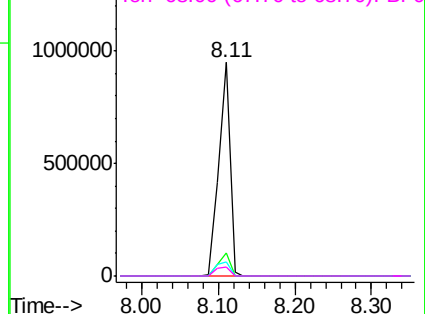


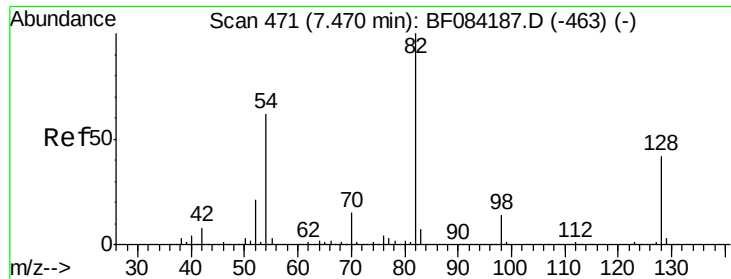
Abundance Ion 136.00 (135.70 to 136.70): E

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



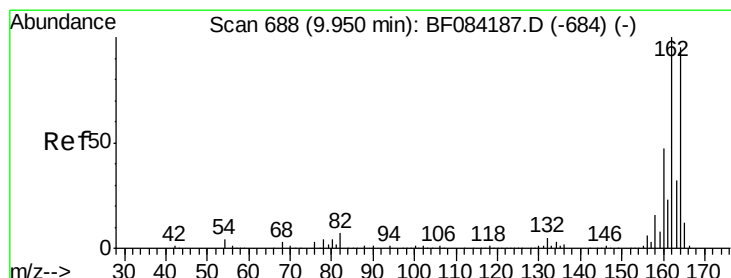
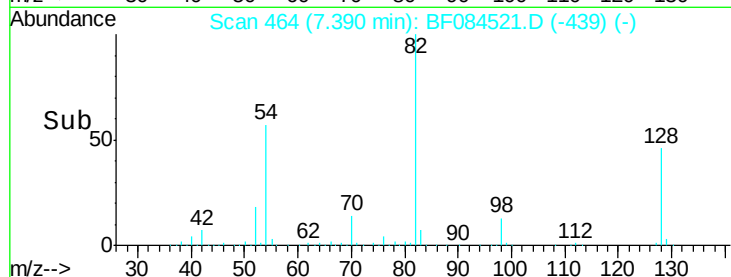
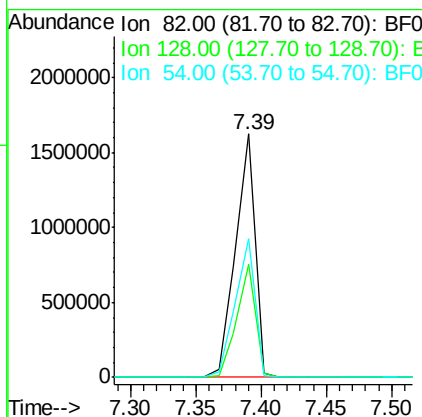
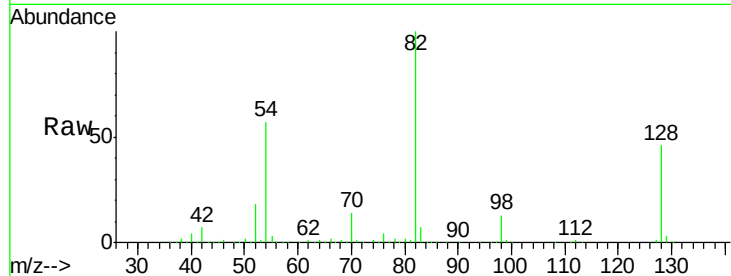


#23
 Nitrobenzene-d5
 Concen: 97.49 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF084521.D
 Acq: 16 Jan 2016 5:48

Instrument :
 BNA_F
 ClientSampled :
 TWP-3

Tot Ion: 82 Resp: 1680291

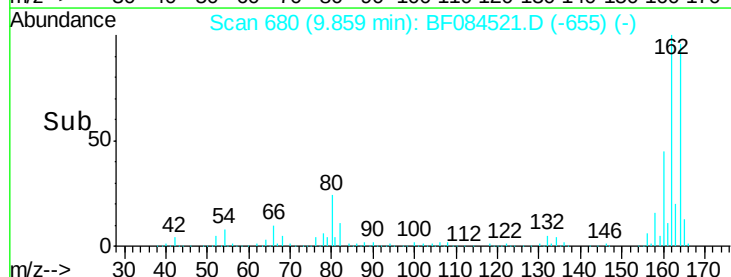
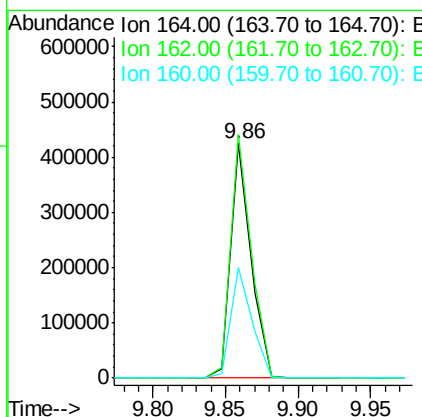
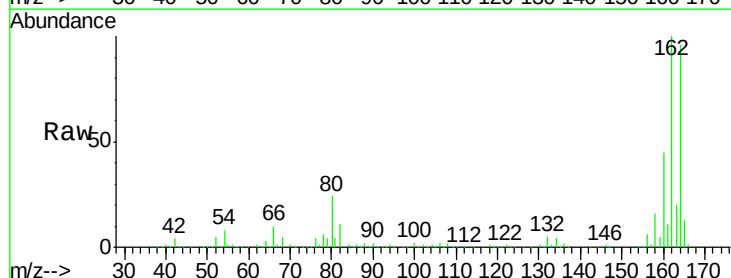
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	51.8
54	56.9	38.4	57.6

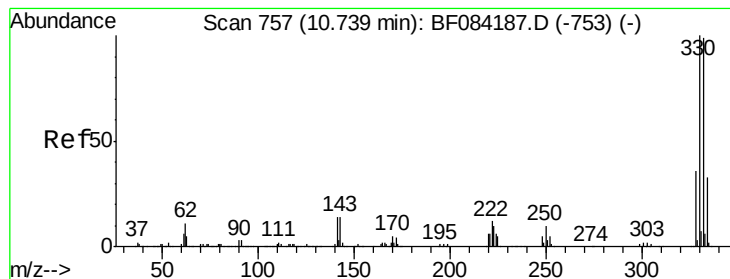


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084521.D
 Acq: 16 Jan 2016 5:48

Tgt Ion: 164 Resp: 410665

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	47.0	37.5	56.3





#41

2,4,6-Tribromophenol

Concen: 156.56 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF084521.D

Acq: 16 Jan 2016 5:48

Instrument :

BNA_F

ClientSampleId :

TWP-3

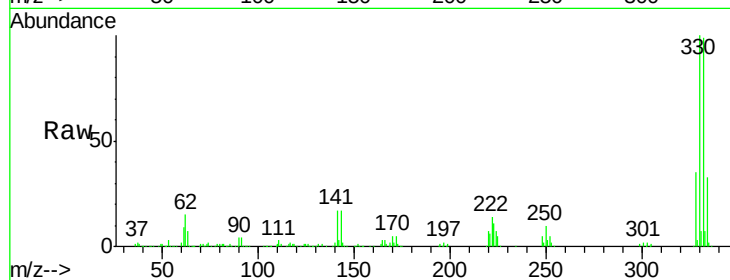
Tot Ion:330 Resp: 649081

Ion Ratio Lower Upper

330 100

332 98.7 76.6 114.8

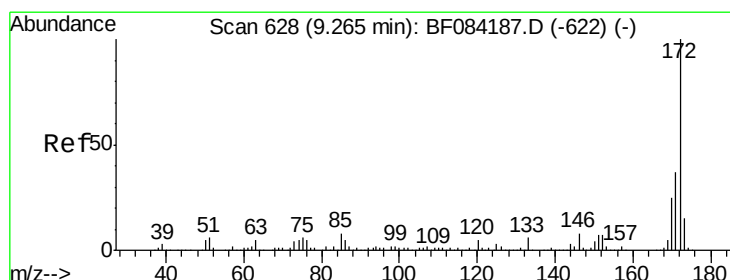
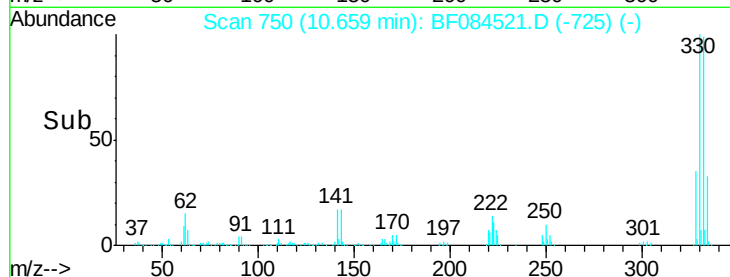
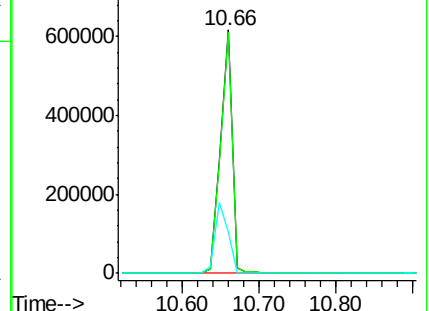
141 32.6 27.8 41.6



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: 120.38 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF084521.D

Acq: 16 Jan 2016 5:48

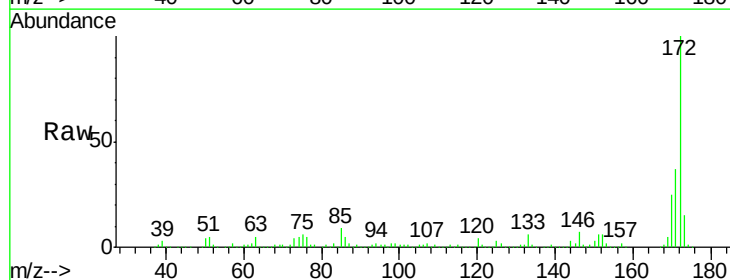
Tgt Ion:172 Resp: 2748707

Ion Ratio Lower Upper

172 100

171 37.3 28.9 43.3

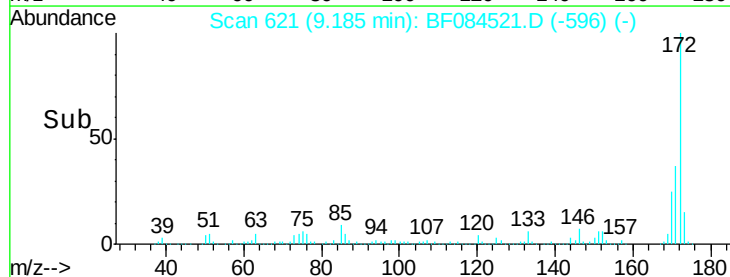
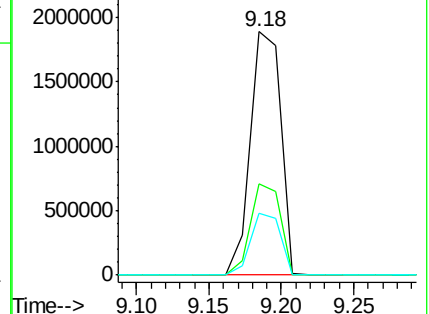
170 25.3 18.6 27.8

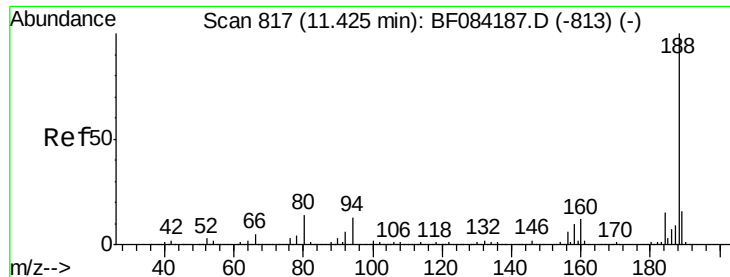


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

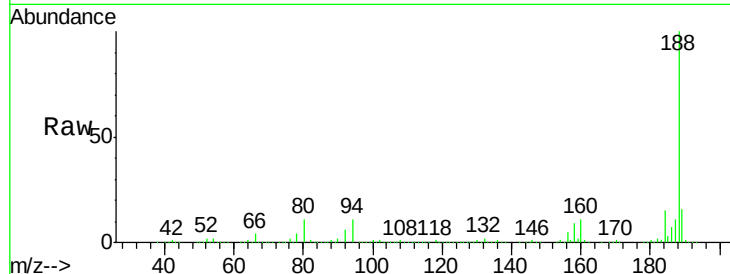




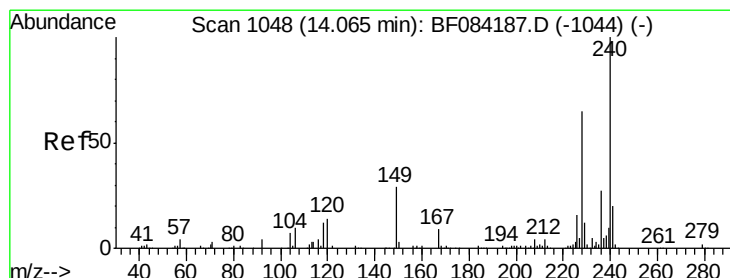
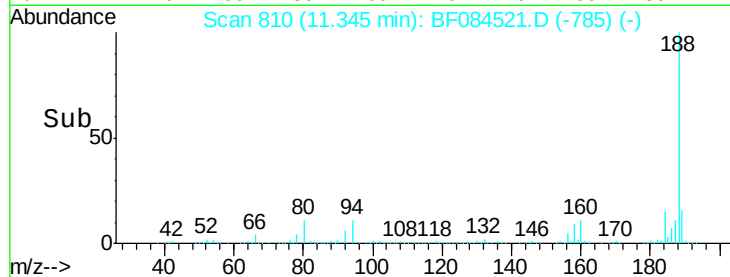
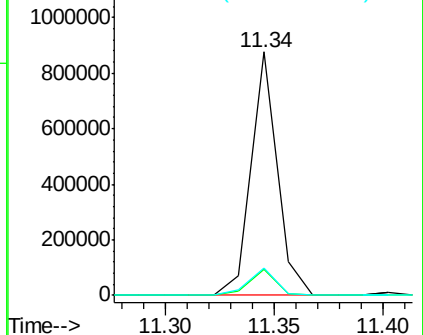
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084521.D
Acq: 16 Jan 2016 5:48

Instrument :
BNA_F
ClientSampleId :
TWP-3

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.4
80	11.1	9.6	14.4

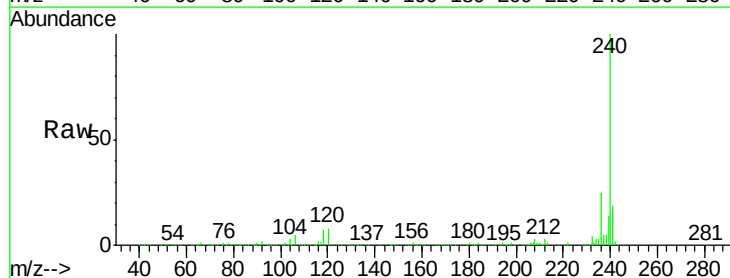


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

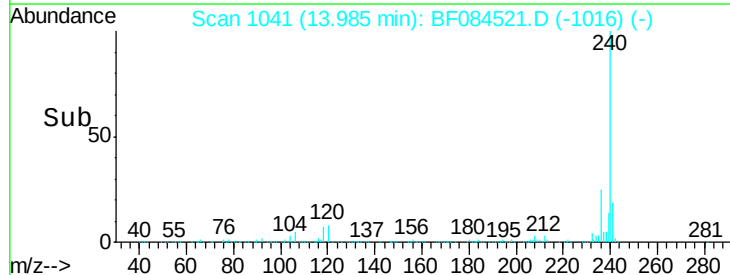
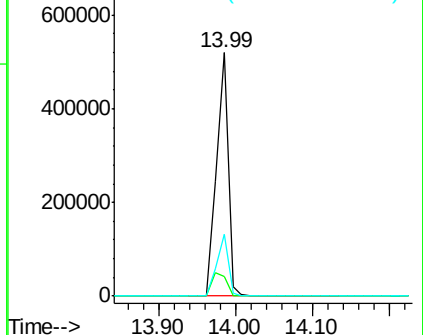


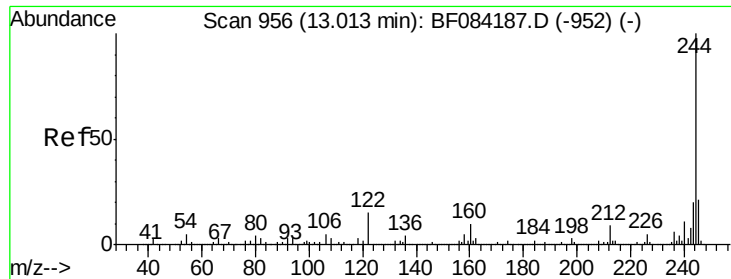
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084521.D
Acq: 16 Jan 2016 5:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	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

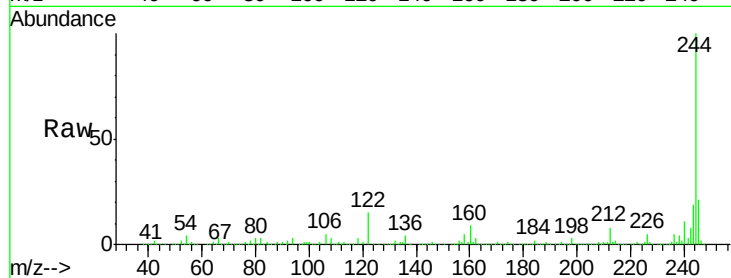




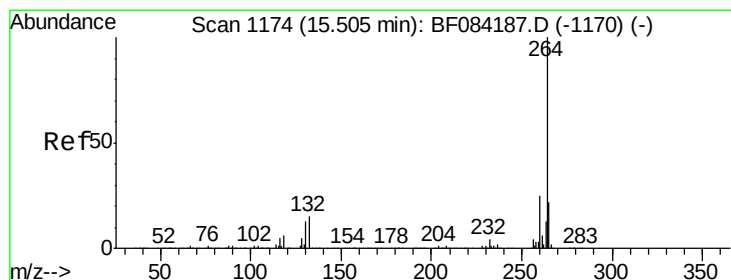
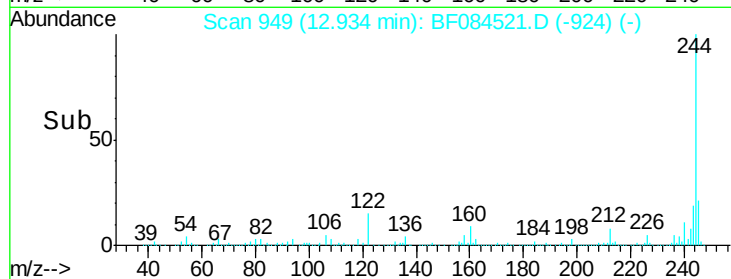
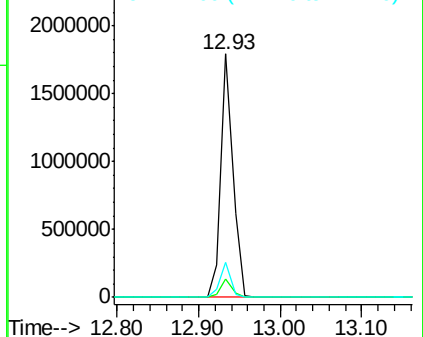
#78
 Terphenyl-d14
 Concen: 74.97 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF084521.D
 Acq: 16 Jan 2016 5:48

Instrument :
 BNA_F
 ClientSampleId :
 TWP-3

Tot Ion:244 Resp: 1831459
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 14.6 7.4 11.0#

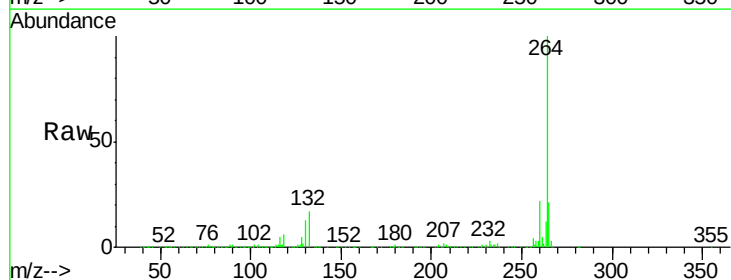


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF084521.D
 Acq: 16 Jan 2016 5:48

Tgt Ion:264 Resp: 499150
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.4 29.2
 265 21.5 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

