

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084405.D
 Acq On : 12 Jan 2016 3:41
 Operator : SJ/UM
 Sample : H1067-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Jan 12 06:37:37 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	380320	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1483647	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	658654	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1091926	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	700356	20.00	ng	-0.06
86) Perylene-d12	15.44	264	622406	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1310437	55.73	ng	-0.03
7) Phenol-d6	6.49	99	1071779	36.29	ng	-0.05
23) Nitrobenzene-d5	7.42	82	2461362	92.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	857008	128.88	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	3118153	83.14	ng	-0.04
78) Terphenyl-d14	12.97	244	2365003	75.38	ng	-0.05

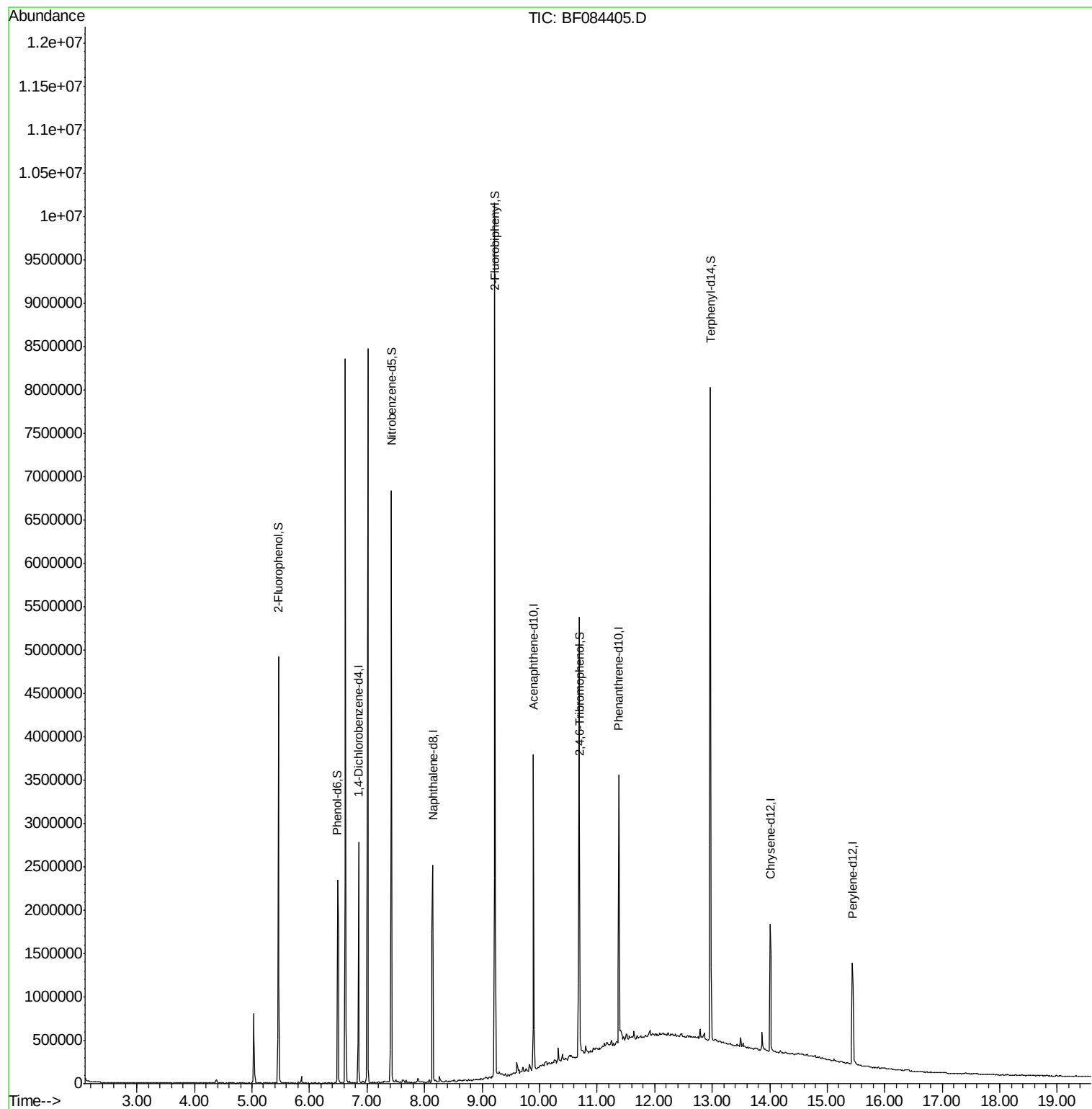
Target Compounds	Qvalue
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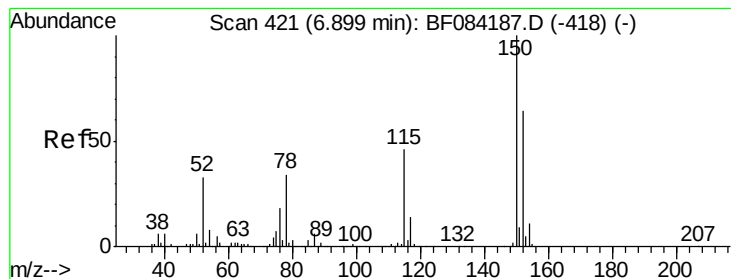
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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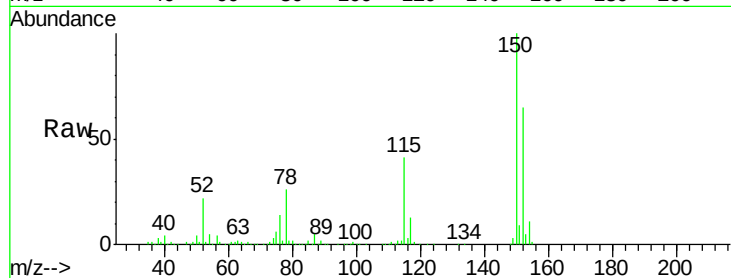


#1

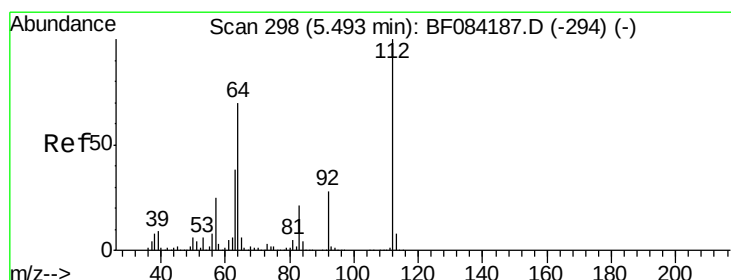
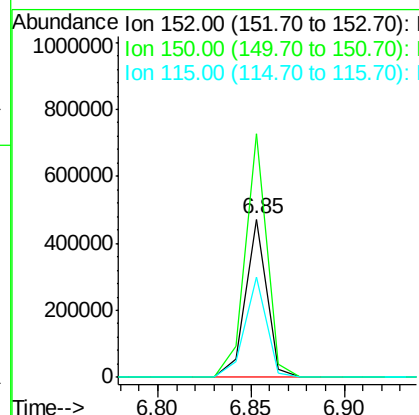
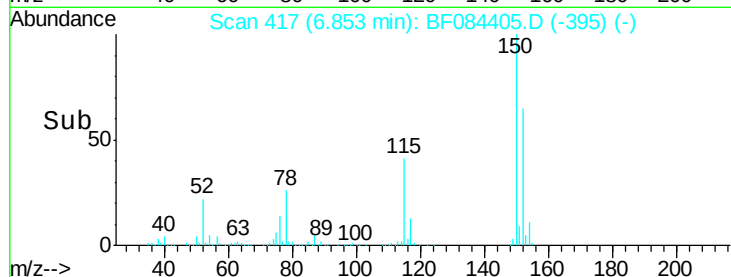
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084405.D
Acq: 12 Jan 2016 3:41

Instrument :
BNA_F
ClientSampled :
MW-02

Tgt Ion:152 Resp: 380320
Ion Ratio Lower Upper
152 100
150 153.8 123.0 184.4
115 63.7 51.4 77.2



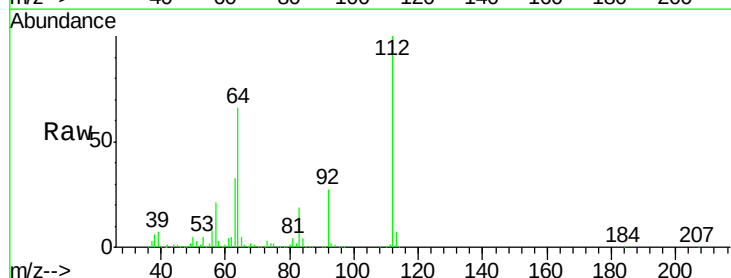
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



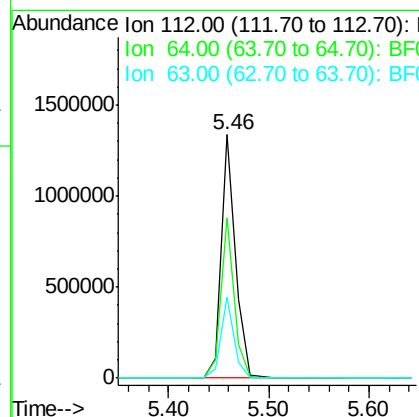
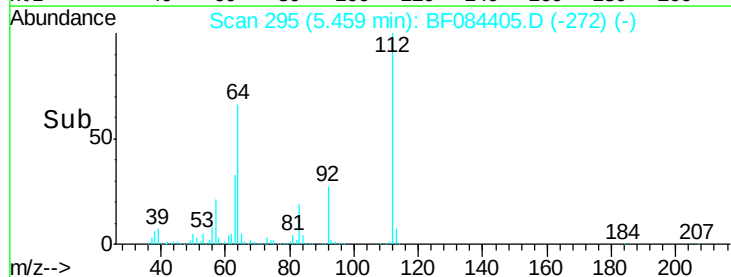
#5

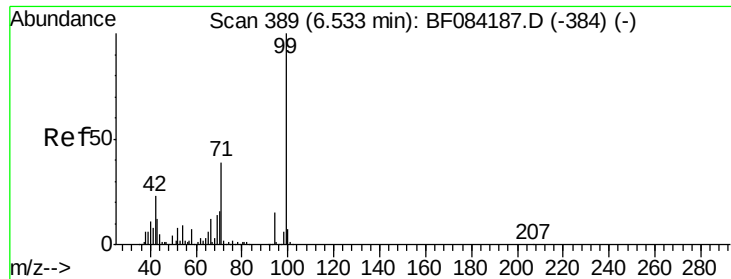
2-Fluorophenol
Concen: 55.73 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.03 min
Lab File: BF084405.D
Acq: 12 Jan 2016 3:41

Tgt Ion:112 Resp: 1310437
Ion Ratio Lower Upper
112 100
64 66.0 36.6 55.0#
63 33.1 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: 36.29 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

Instrument :

BNA_F

ClientSampleId :

MW-02

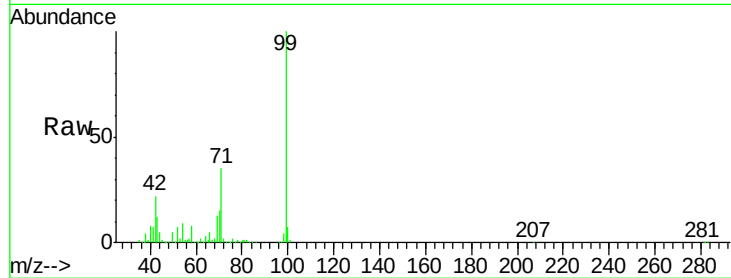
Tgt Ion: 99 Resp: 1071779

Ion Ratio Lower Upper

99 100

42 21.8 12.8 19.2#

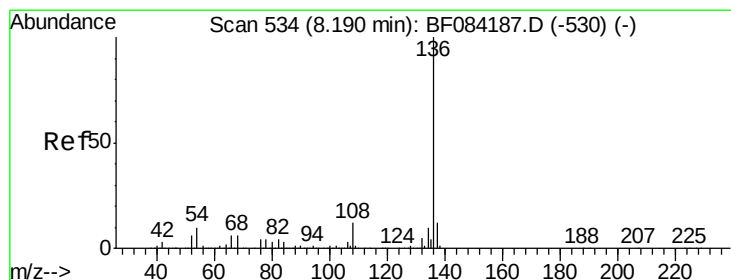
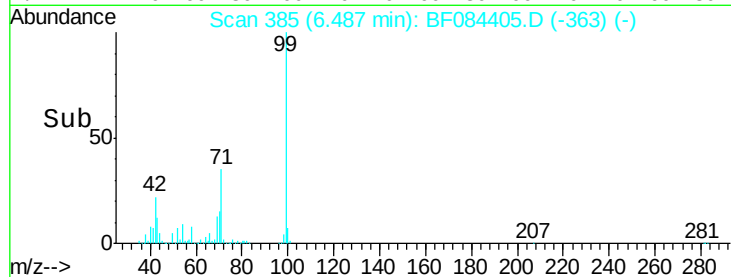
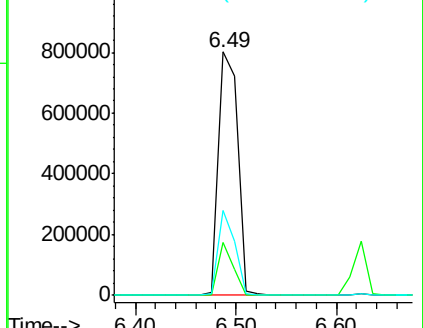
71 34.7 30.9 46.3



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: BF084405.D

Acq: 12 Jan 2016 3:41

Tgt Ion: 136 Resp: 1483647

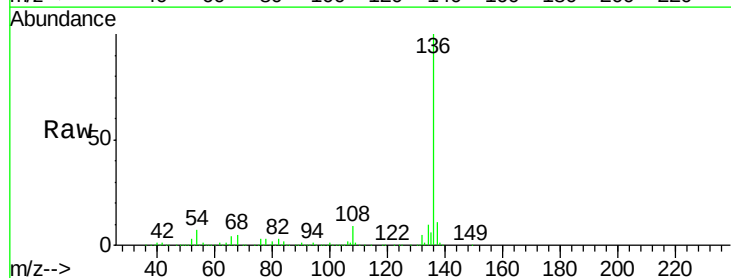
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.5 5.8 8.8

68 4.8 4.2 6.2

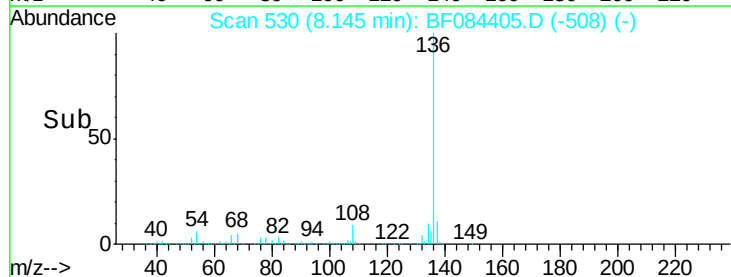
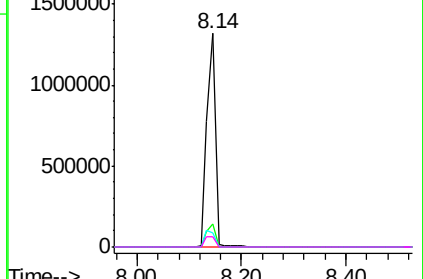


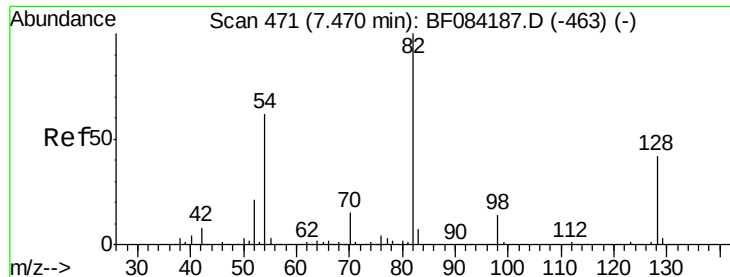
Abundance Ion 136.00 (135.70 to 136.70): E

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

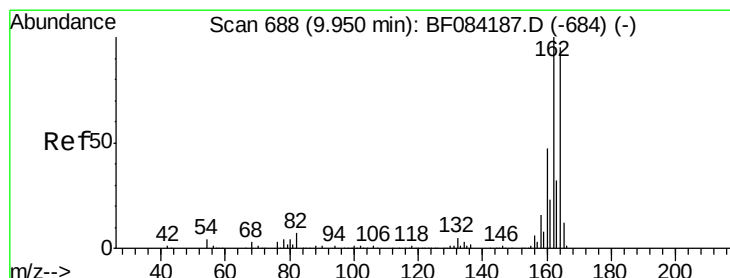
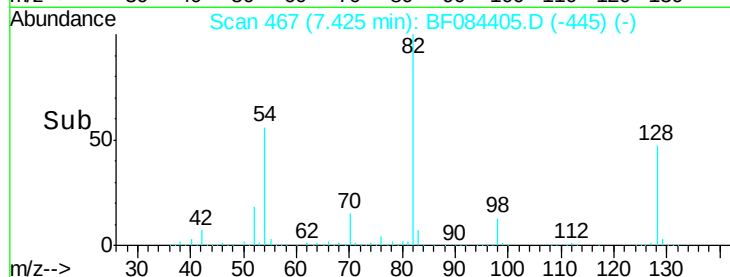
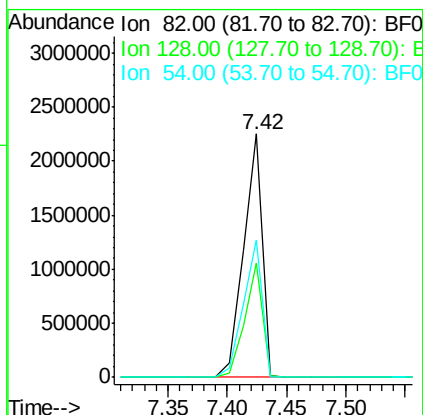
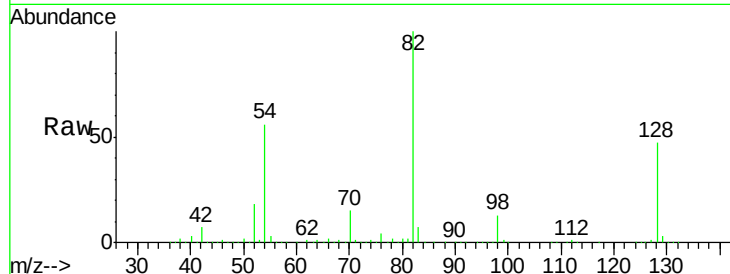




#23
 Nitrobenzene-d5
 Concen: 92.33 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084405.D
 Acq: 12 Jan 2016 3:41

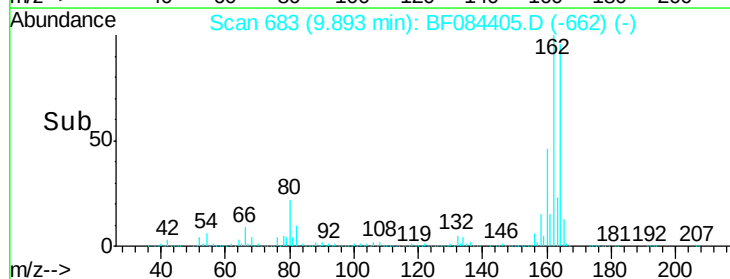
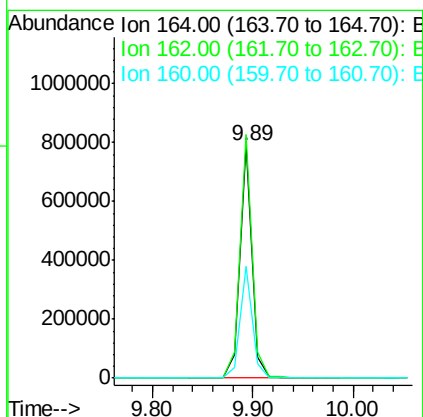
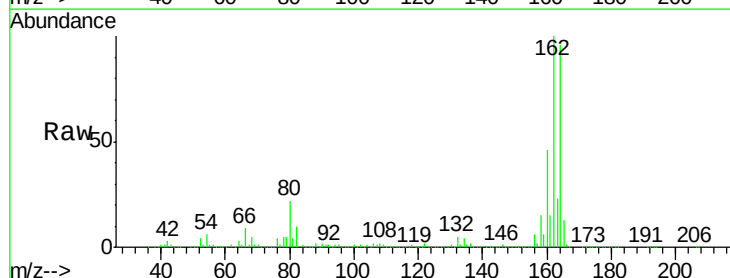
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

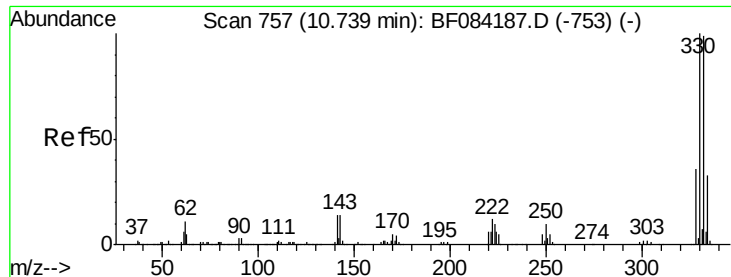
Tgt Ion: 82 Resp: 2461362
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.6 51.8
 54 56.5 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084405.D
 Acq: 12 Jan 2016 3:41

Tgt Ion: 164 Resp: 658654
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.1 127.7
 160 47.7 37.5 56.3

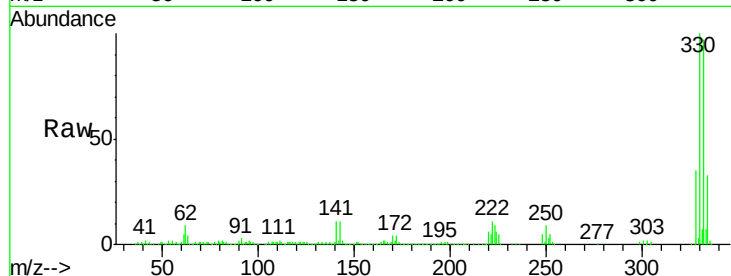




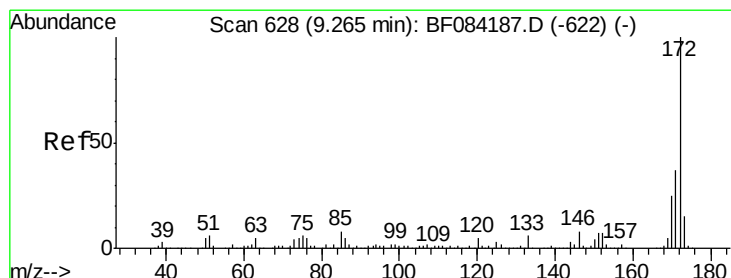
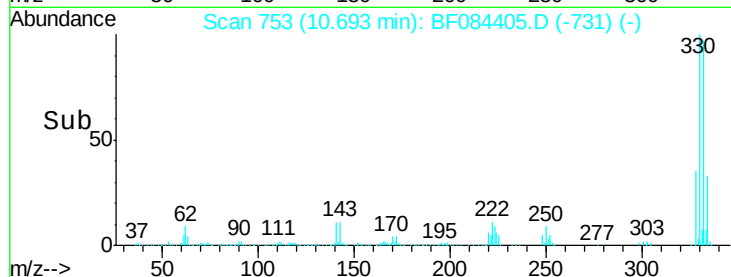
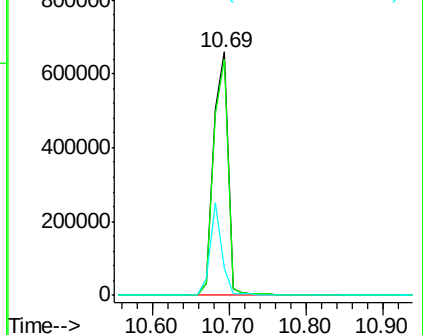
#41
 2,4,6-Tribromophenol
 Concen: 128.88 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084405.D
 Acq: 12 Jan 2016 3:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion:330 Resp: 857008
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 30.8 27.8 41.6

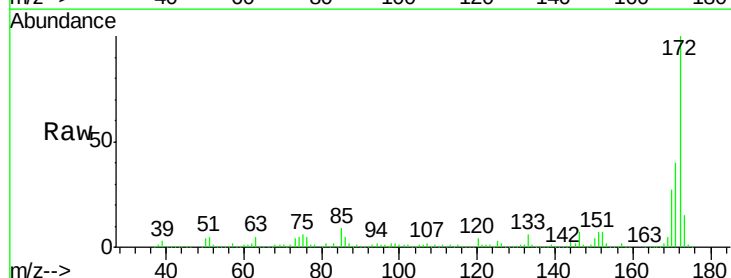


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

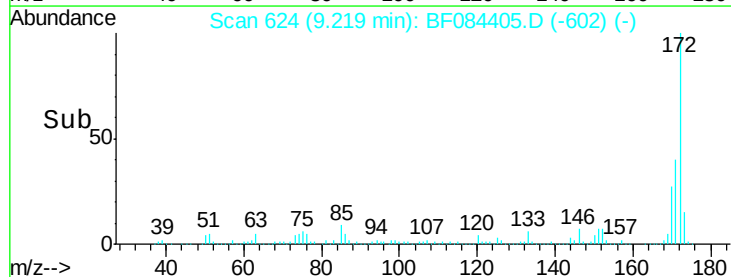
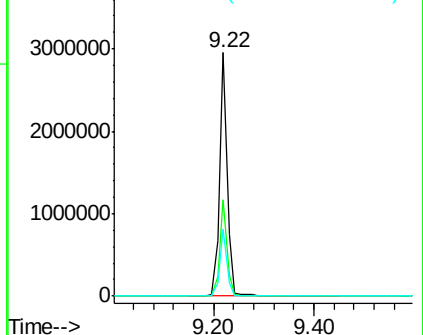


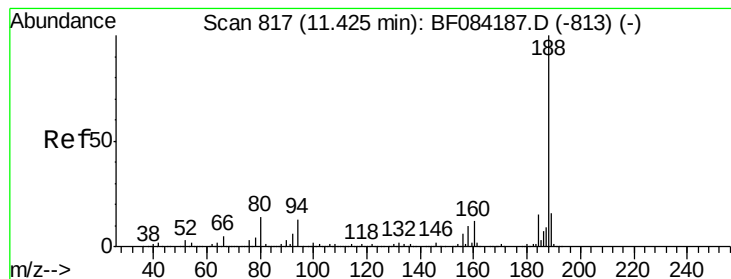
#44
 2-Fluorobiphenyl
 Concen: 83.14 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084405.D
 Acq: 12 Jan 2016 3:41

Tgt Ion:172 Resp: 3118153
 Ion Ratio Lower Upper
 172 100
 171 39.8 28.9 43.3
 170 27.4 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: BF084405.D

Acq: 12 Jan 2016 3:41

Instrument :

BNA_F

ClientSampleId :

MW-02

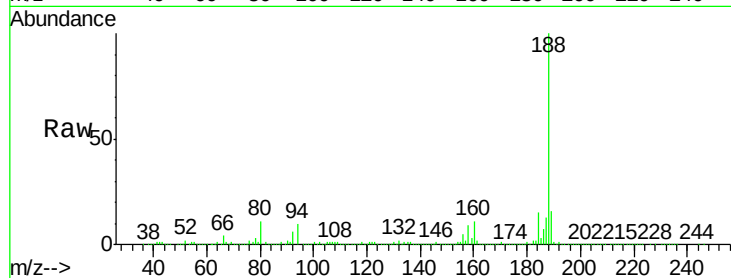
Tgt Ion:188 Resp: 1091926

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

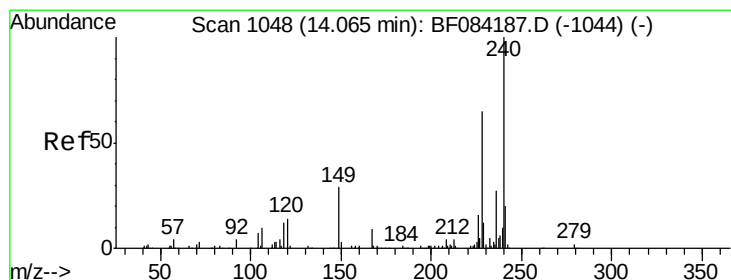
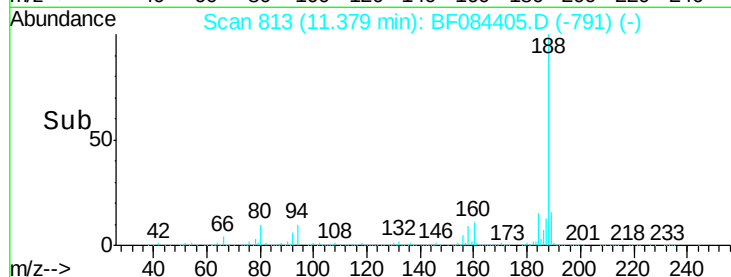
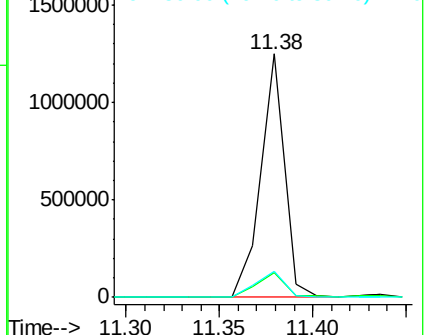
80 10.6 9.6 14.4



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: BF084405.D

Acq: 12 Jan 2016 3:41

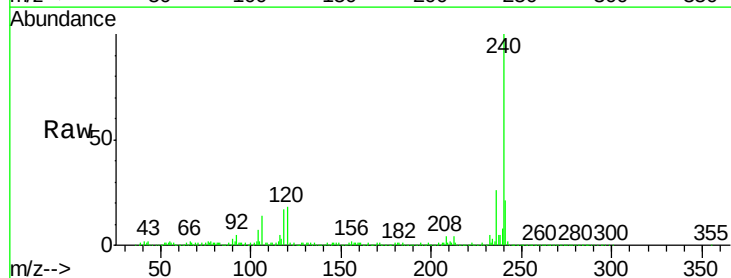
Tgt Ion:240 Resp: 700356

Ion Ratio Lower Upper

240 100

120 18.2 9.5 14.3#

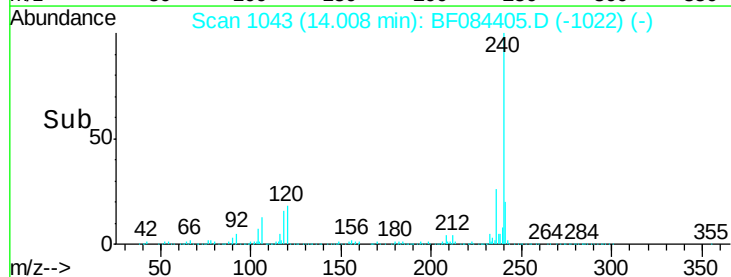
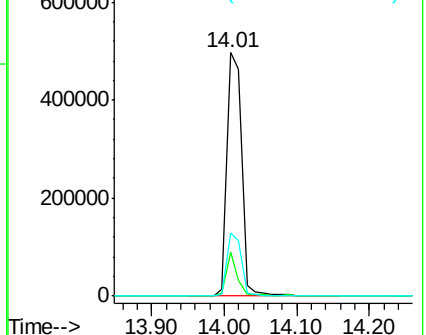
236 25.7 20.6 31.0

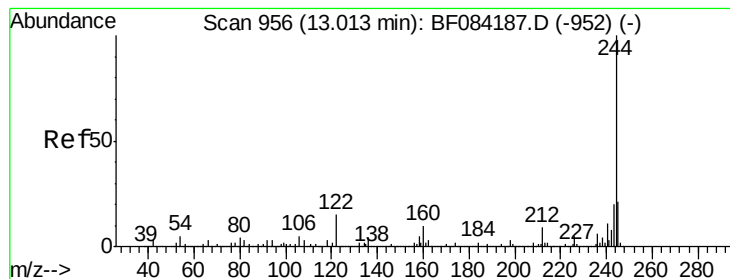


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.38 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

Instrument :

BNA_F

ClientSampleId :

MW-02

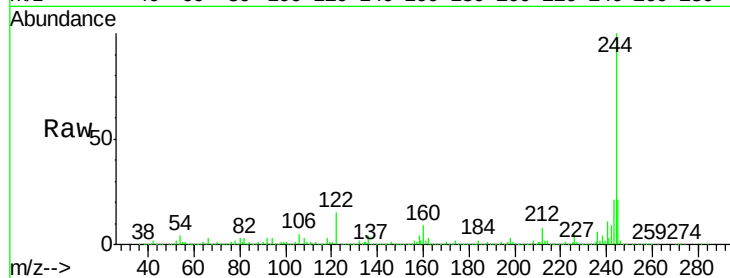
Tgt Ion:244 Resp: 2365003

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

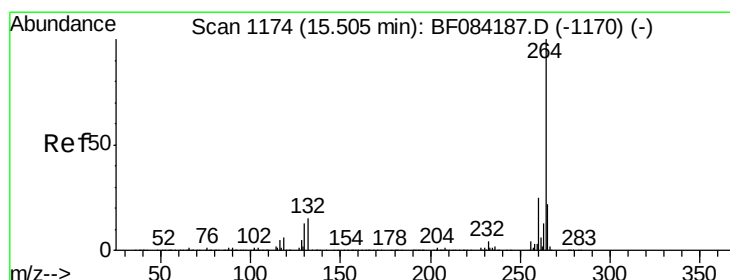
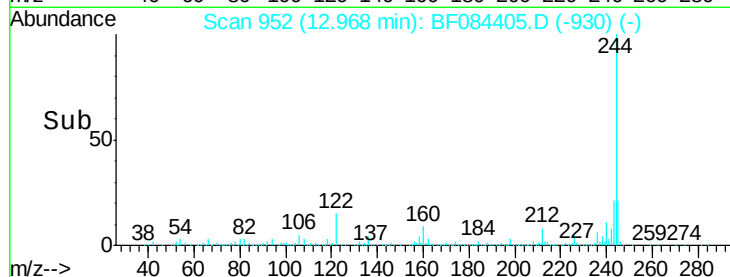
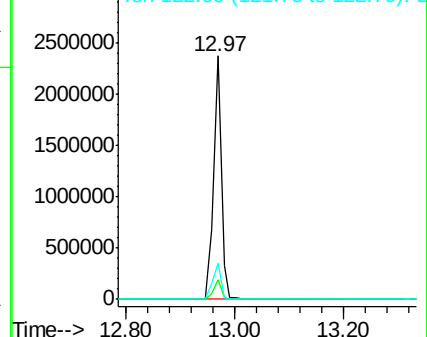
122 14.9 7.4 11.0#



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: 15.44 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

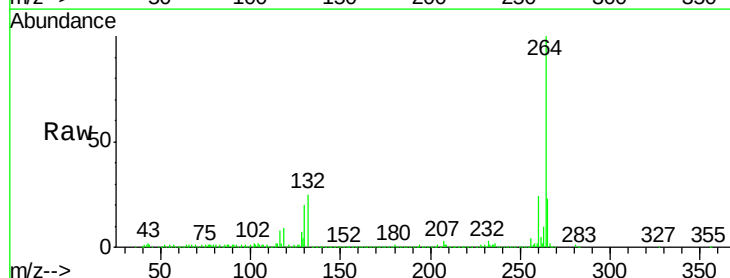
Tgt Ion:264 Resp: 622406

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 22.8 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

