

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084522.D
 Acq On : 16 Jan 2016 6:16
 Operator : SJ/UM
 Sample : H1144-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-4

Quant Time: Jan 18 00:18:36 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	225850	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	885950	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	391654	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	715128	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	559567	20.00	ng	-0.01
86) Perylene-d12	15.40	264	508758	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1008004	72.19	ng	-0.01
7) Phenol-d6	6.46	99	795505	45.36	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1693473	106.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	623051	157.57	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2593329	119.01	ng	-0.01
78) Terphenyl-d14	12.93	244	1869499	74.58	ng	-0.01

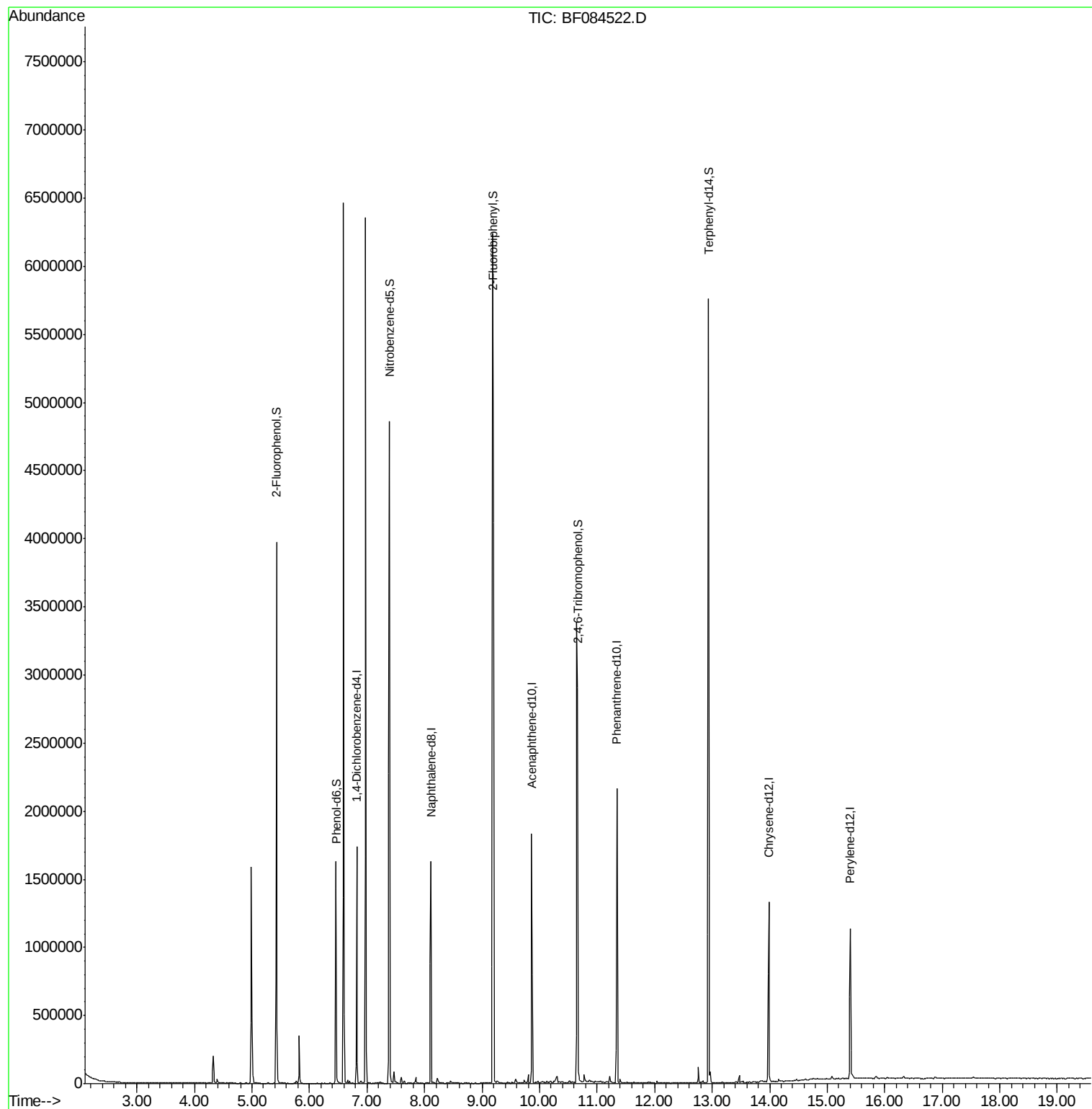
Target Compounds Qvalue

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

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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: BF084522.D

Acq: 16 Jan 2016 6:16

Instrument :

BNA_F

ClientSampleId :

TWP-4

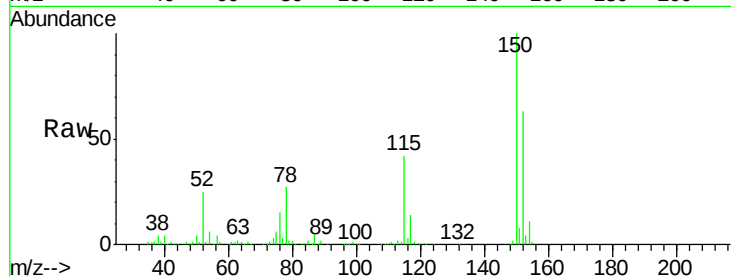
Tot Ion:152 Resp: 225850

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

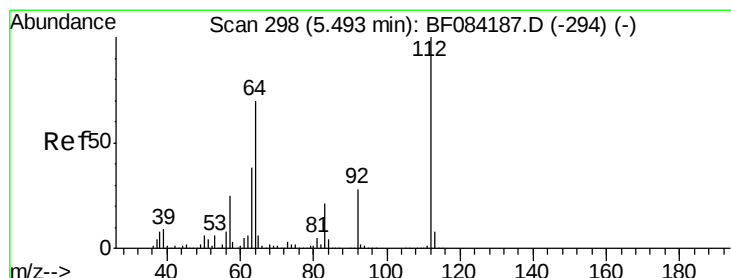
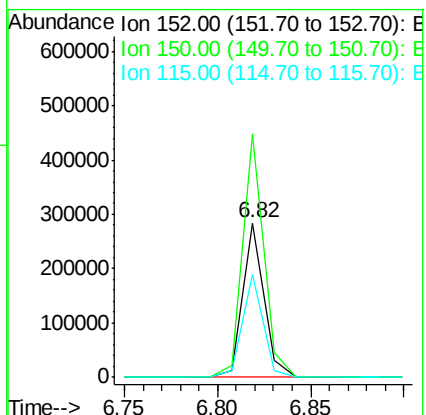
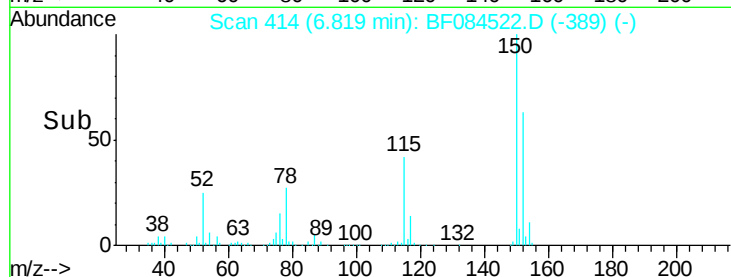
115 66.9 51.4 77.2



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: 72.19 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.01 min

Lab File: BF084522.D

Acq: 16 Jan 2016 6:16

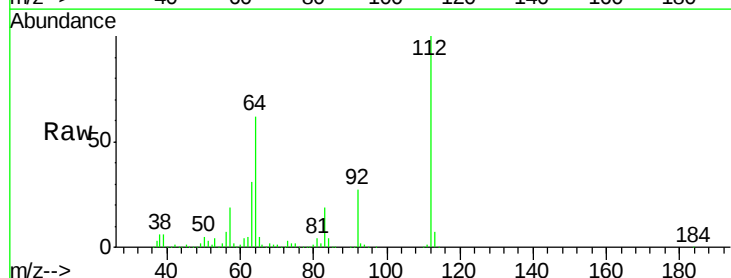
Tgt Ion:112 Resp: 1008004

Ion Ratio Lower Upper

112 100

64 61.7 36.6 55.0#

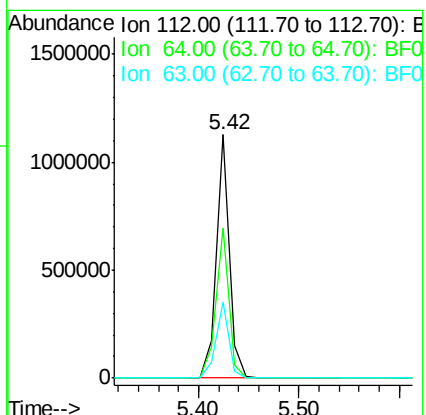
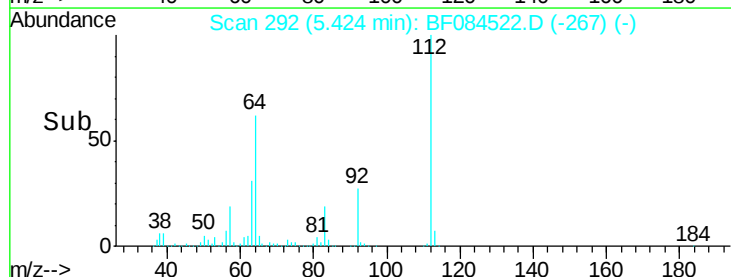
63 31.3 19.4 29.0#

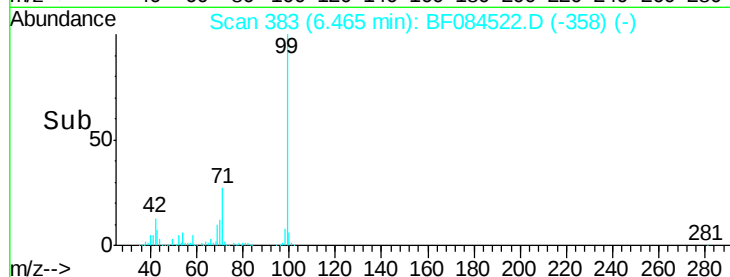
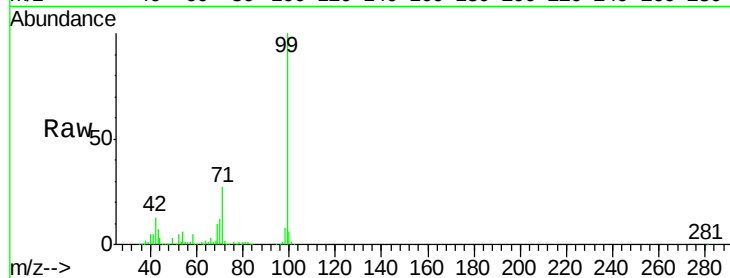
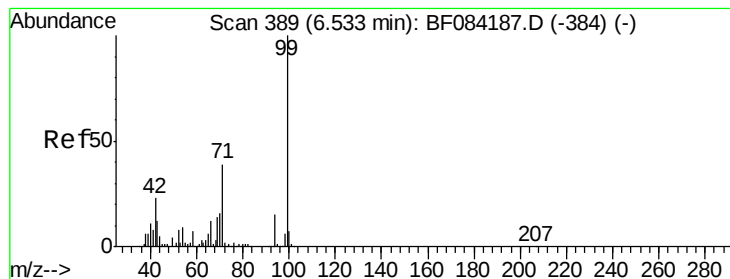


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.36 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084522.D

Acq: 16 Jan 2016 6:16

Instrument :

BNA_F

ClientSampleId :

TWP-4

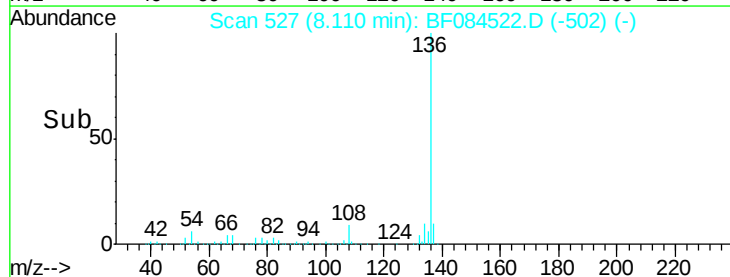
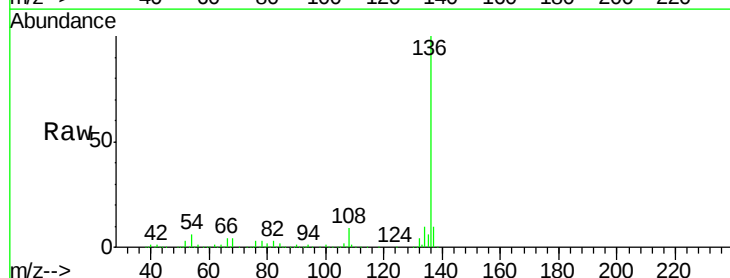
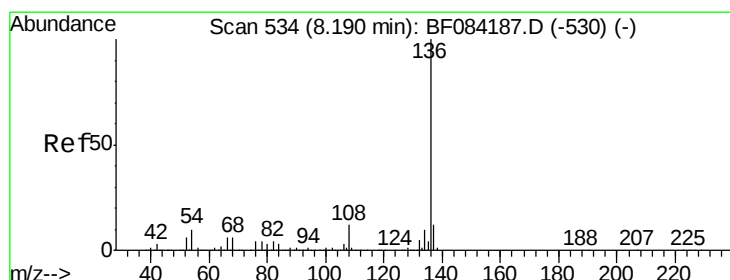
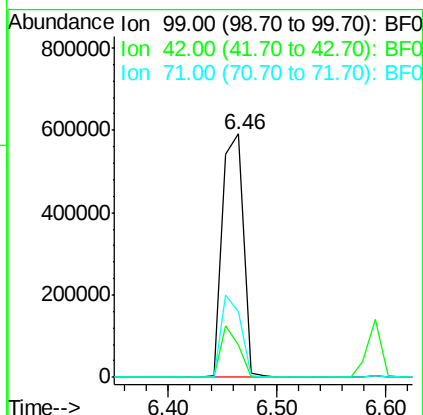
Tot Ion: 99 Resp: 795505

Ion Ratio Lower Upper

99 100

42 13.2 12.8 19.2

71 26.8 30.9 46.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF084522.D

Acq: 16 Jan 2016 6:16

Tgt Ion: 136 Resp: 885950

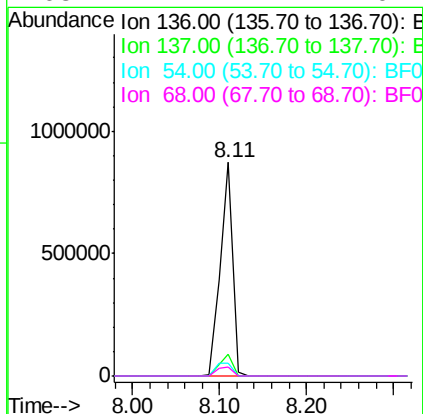
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.2 5.8 8.8

68 4.2 4.2 6.2

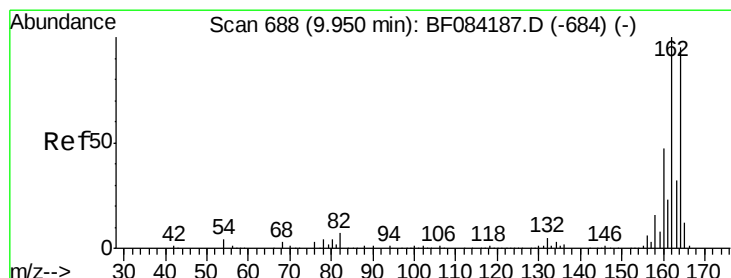
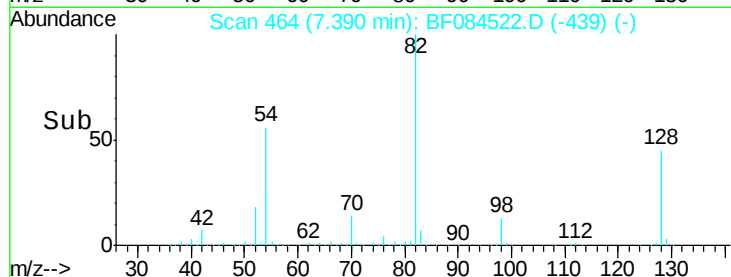
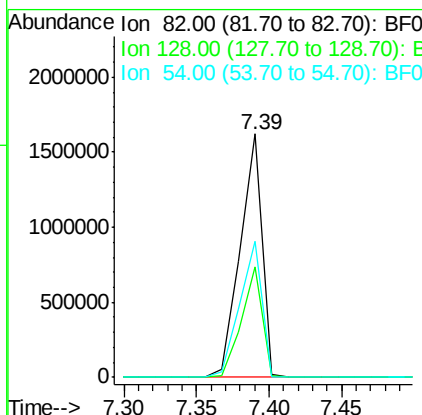
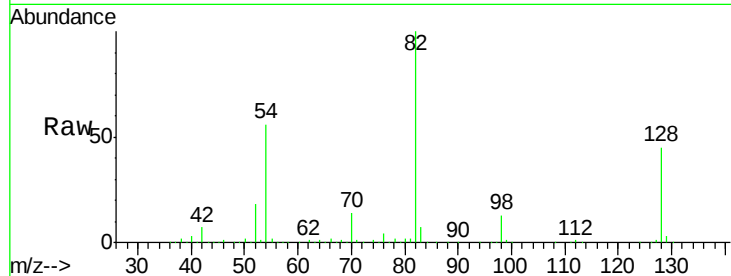




#23
 Nitrobenzene-d5
 Concen: 106.38 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF084522.D
 Acq: 16 Jan 2016 6:16

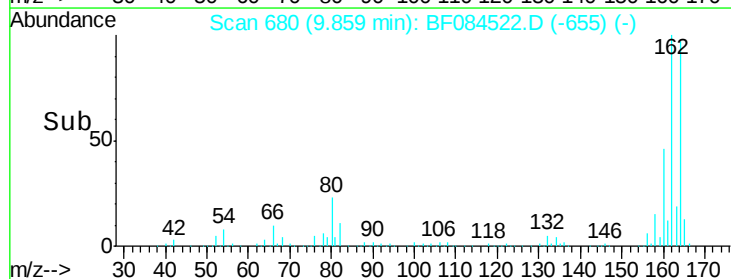
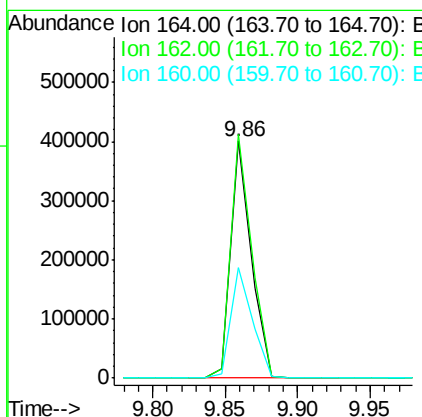
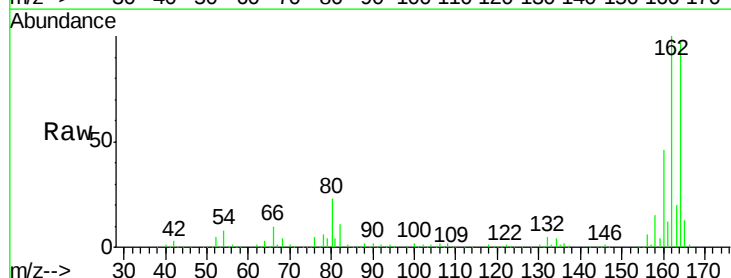
Instrument :
 BNA_F
 ClientSampleId :
 TWP-4

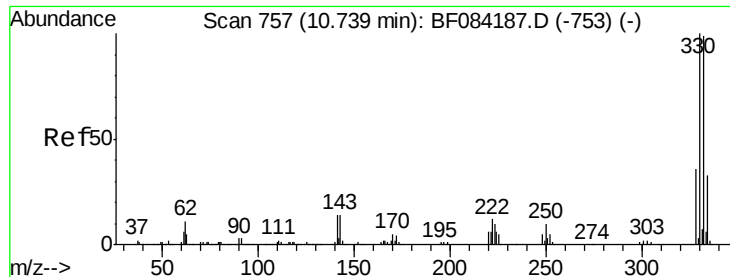
Tot Ion: 82 Resp: 1693473
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.6 51.8
 54 55.9 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084522.D
 Acq: 16 Jan 2016 6:16

Tgt Ion:164 Resp: 391654
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.1 127.7
 160 46.9 37.5 56.3

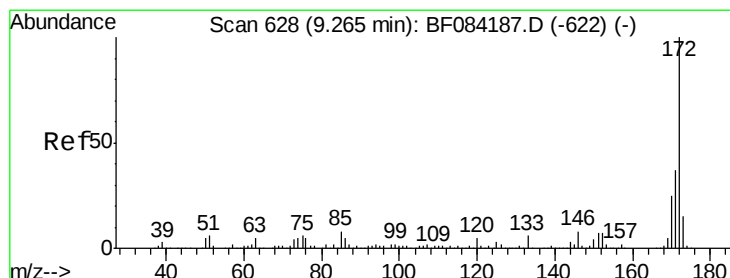
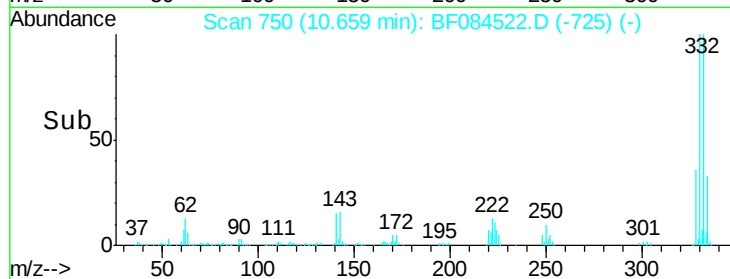
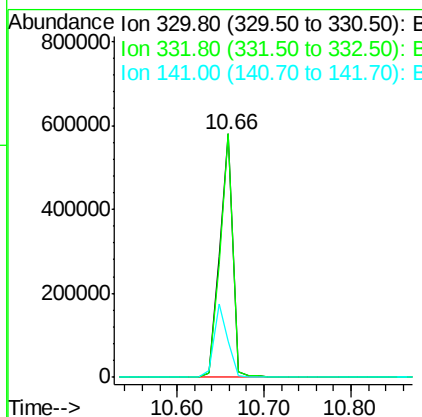
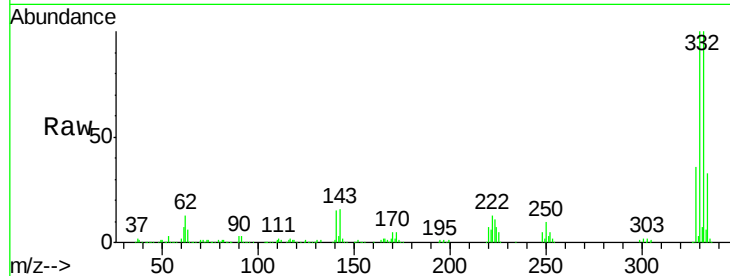




#41
 2,4,6-Tribromophenol
 Concen: 157.57 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF084522.D
 Acq: 16 Jan 2016 6:16

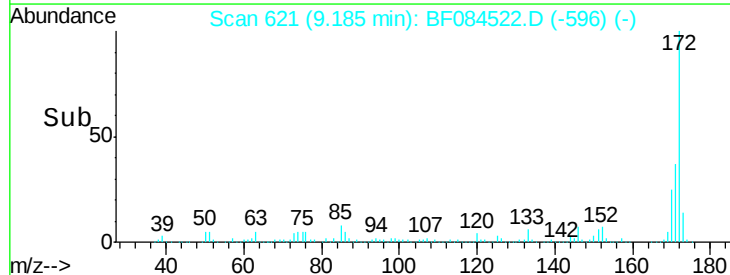
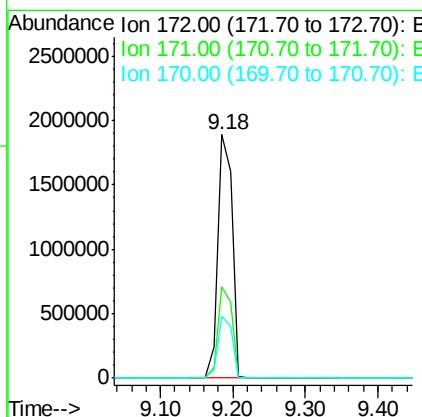
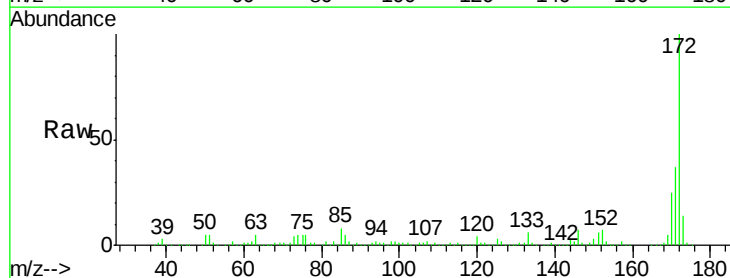
Instrument :
 BNA_F
 ClientSampleId :
 TWP-4

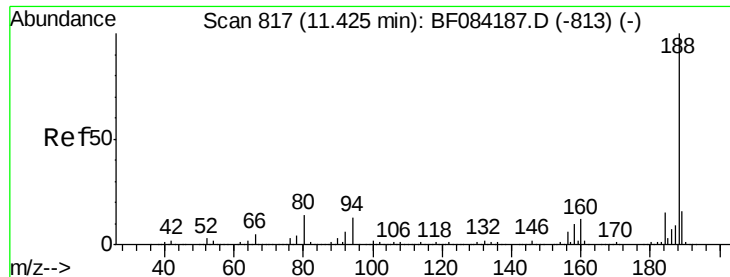
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	31.8	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 119.01 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084522.D
 Acq: 16 Jan 2016 6:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	25.2	18.6	27.8

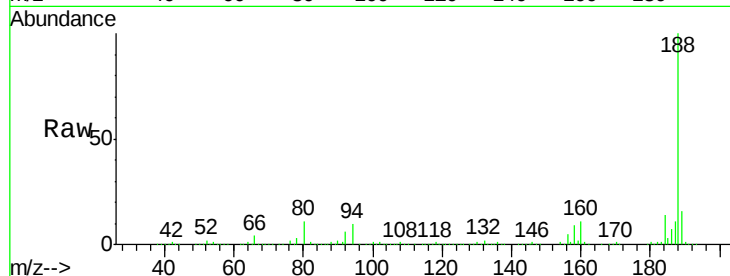




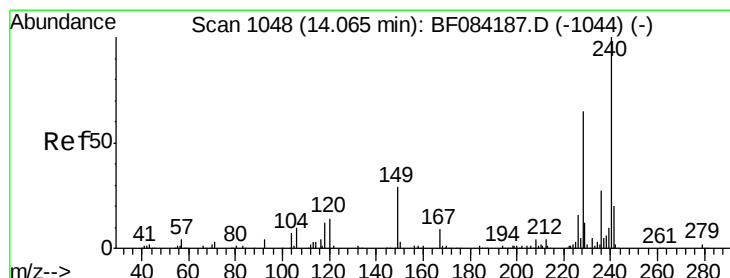
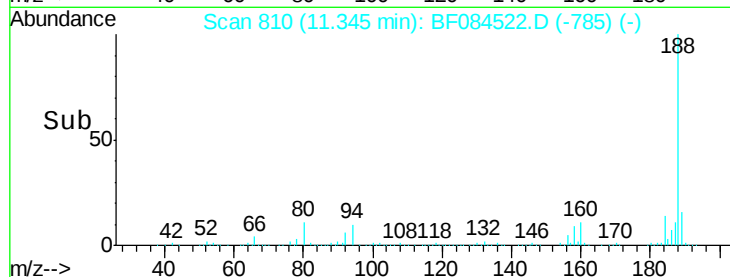
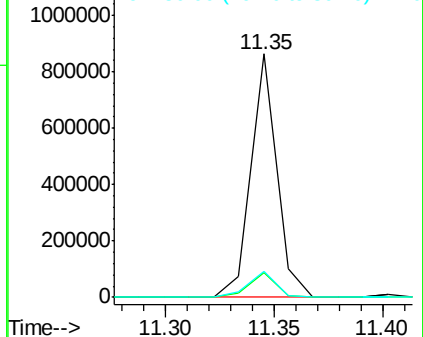
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084522.D
Acq: 16 Jan 2016 6:16

Instrument :
BNA_F
ClientSampleId :
TWP-4

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.7	9.6	14.4

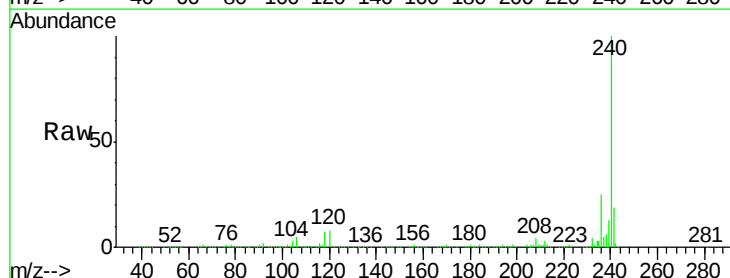


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

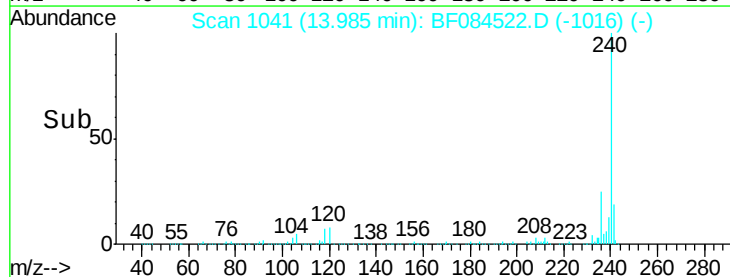
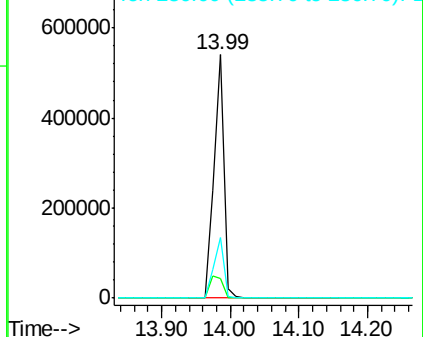


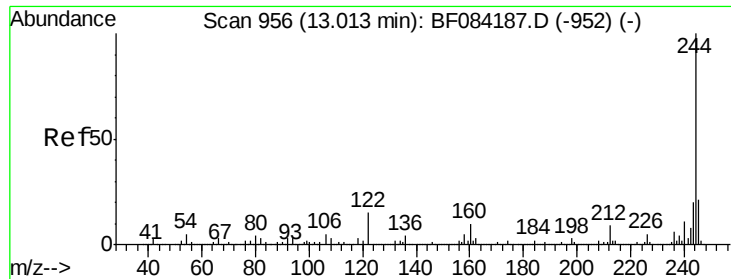
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084522.D
Acq: 16 Jan 2016 6:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	9.5	14.3#
236	24.7	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

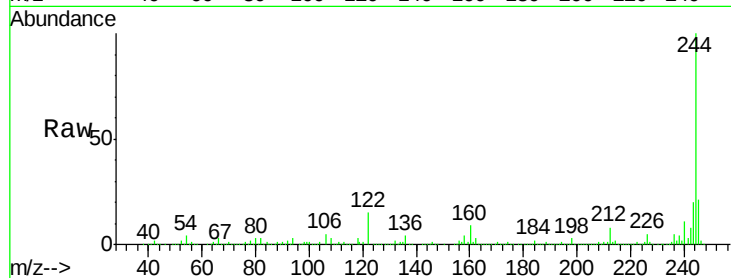




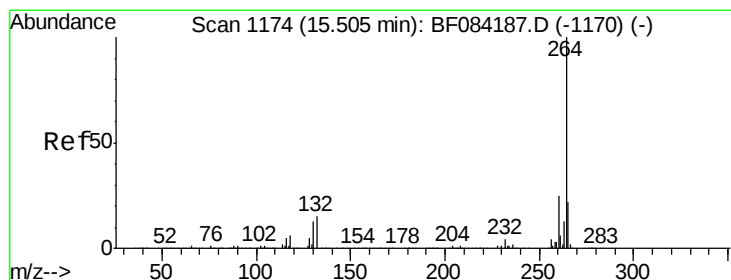
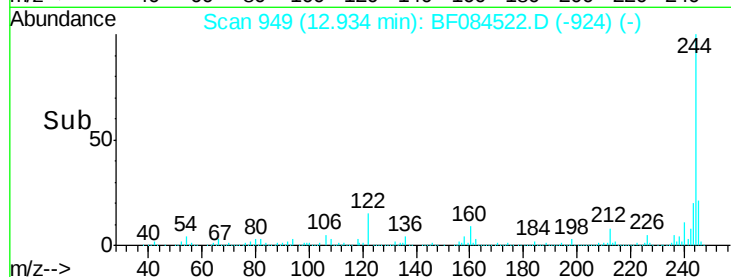
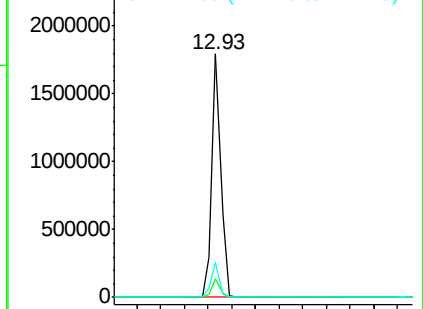
#78
 Terphenyl-d14
 Concen: 74.58 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF084522.D
 Acq: 16 Jan 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 TWP-4

Tot Ion:244 Resp: 1869499
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 14.5 7.4 11.0#

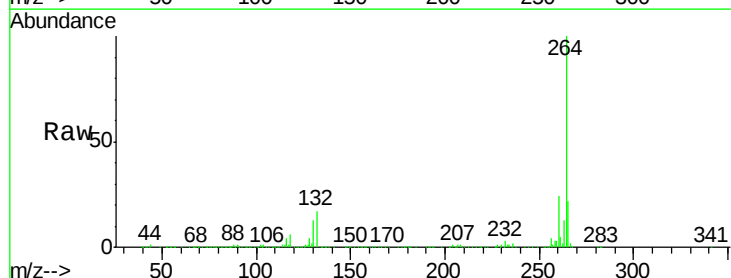


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF084522.D
 Acq: 16 Jan 2016 6:16

Tgt Ion:264 Resp: 508758
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.2 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

