

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084407.D
 Acq On : 12 Jan 2016 4:36
 Operator : SJ/UM
 Sample : H1067-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FIELDBLANK1-1-5-16

Quant Time: Jan 12 06:42:42 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	412136	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1612022	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	705930	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1196509	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	741860	20.00	ng	-0.06
86) Perylene-d12	15.44	264	653942	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1602953	62.91	ng	-0.03
7) Phenol-d6	6.50	99	1390534	43.45	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2534942	87.52	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	851956	119.54	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	3335792	82.98	ng	-0.05
78) Terphenyl-d14	12.97	244	2734019	82.26	ng	-0.05

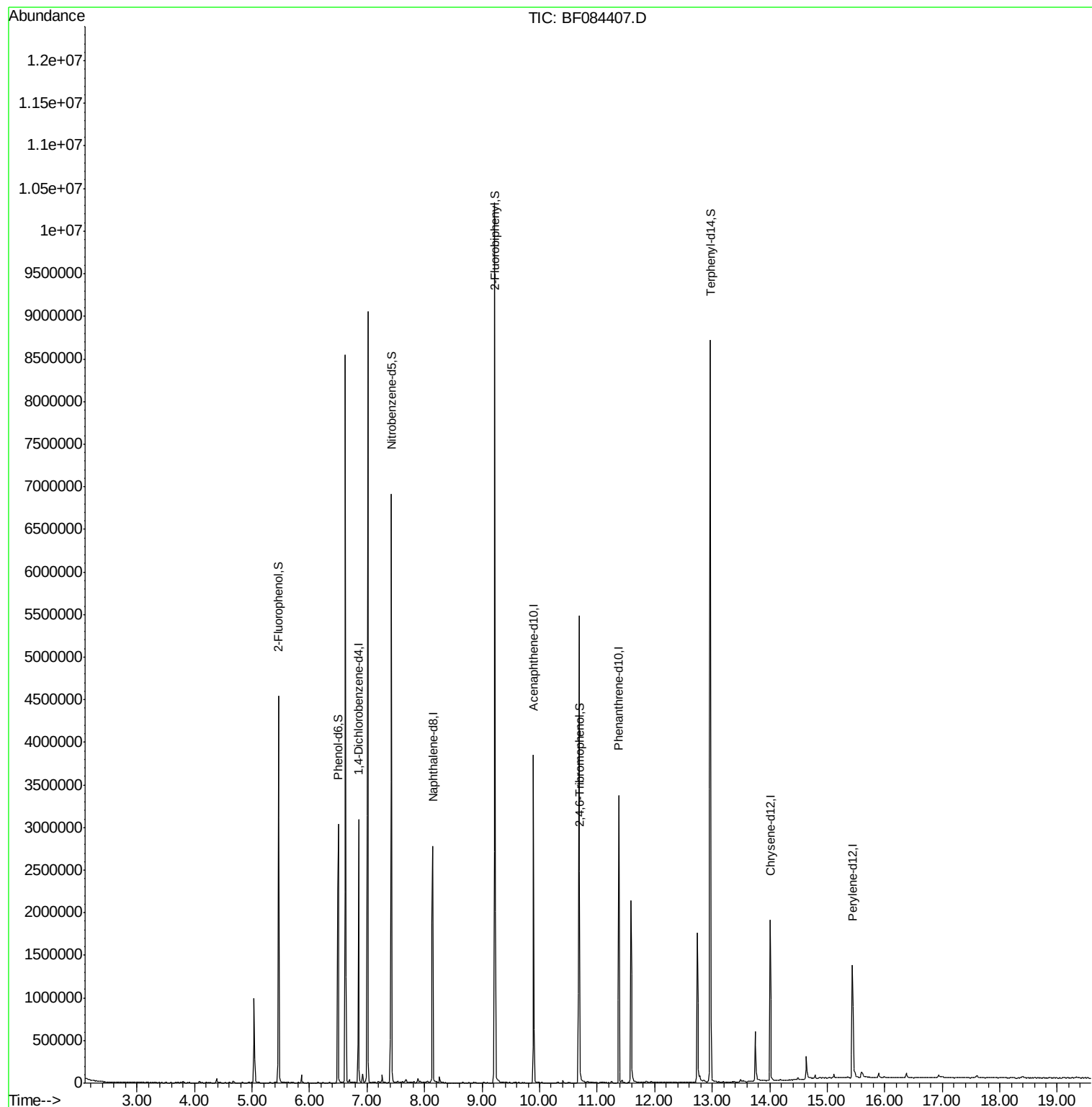
Target Compounds	Qvalue
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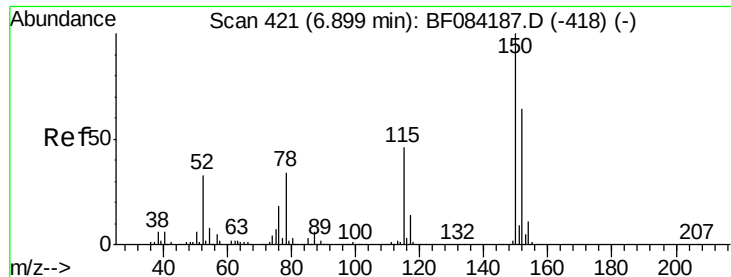
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084407.D

Acq: 12 Jan 2016 4:36

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FIELDBLANK1-1-5-16

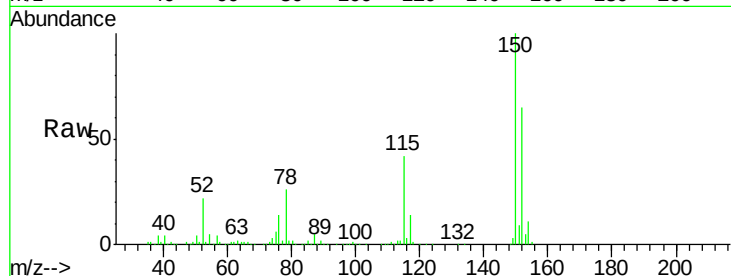
Tgt Ion:152 Resp: 412136

Ion Ratio Lower Upper

152 100

150 154.2 123.0 184.4

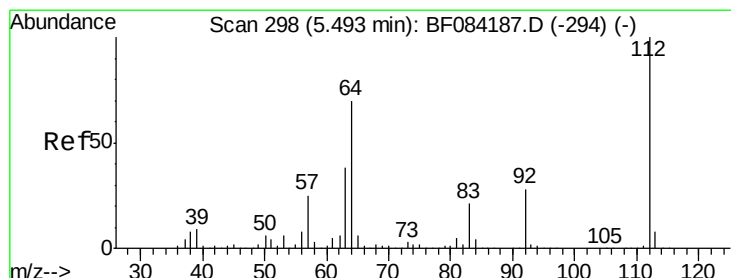
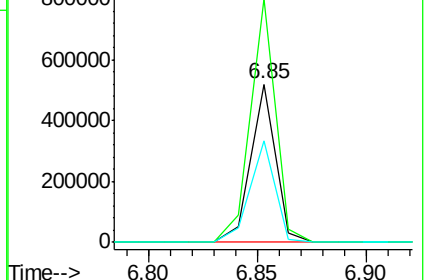
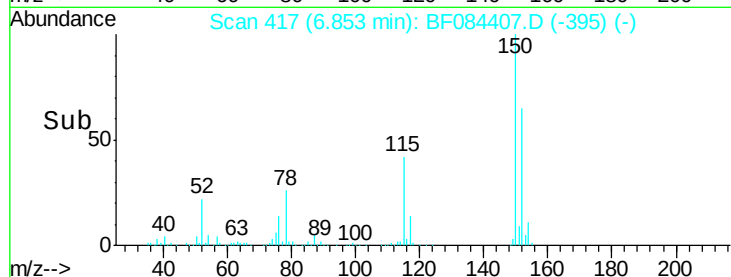
115 64.4 51.4 77.2



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: 62.91 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

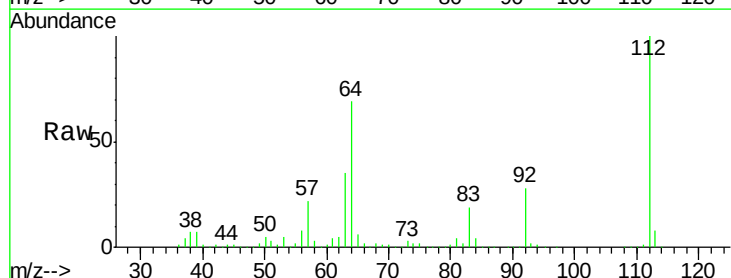
Tgt Ion:112 Resp: 1602953

Ion Ratio Lower Upper

112 100

64 69.0 36.6 55.0#

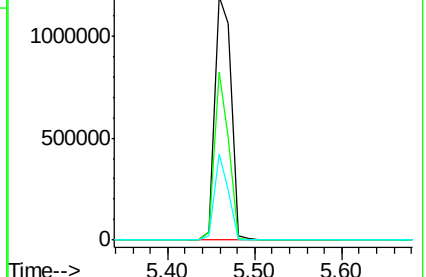
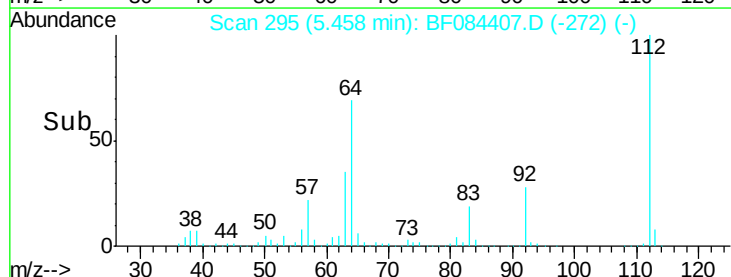
63 35.2 19.4 29.0#

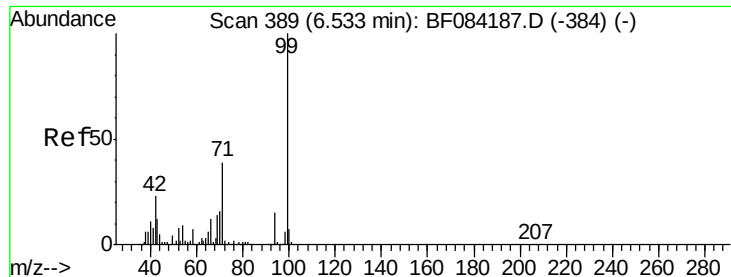


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.45 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FIELDBLANK1-1-5-16

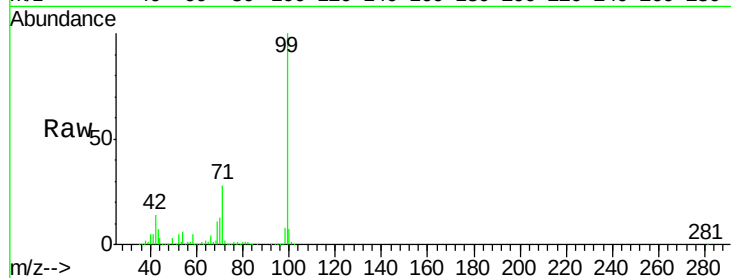
Tgt Ion: 99 Resp: 1390534

Ion Ratio Lower Upper

99 100

42 14.0 12.8 19.2

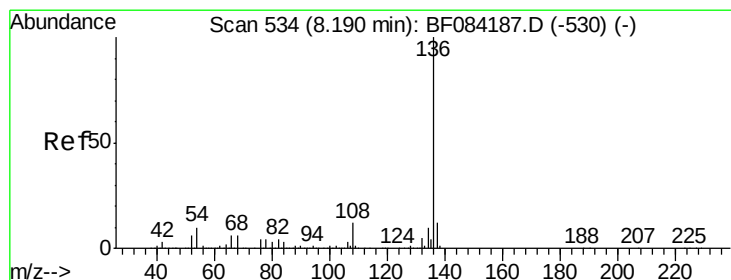
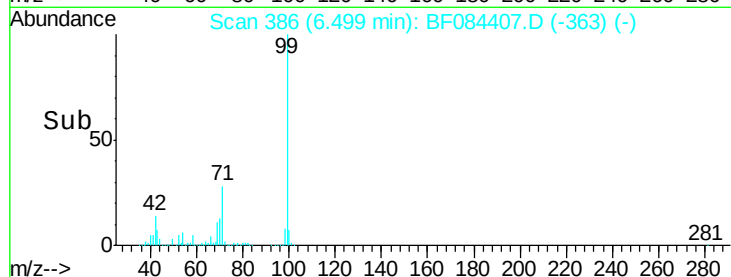
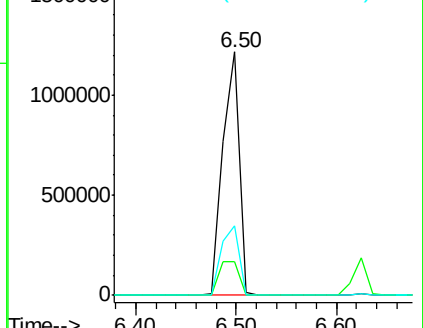
71 28.3 30.9 46.3#



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: BF084407.D

Acq: 12 Jan 2016 4:36

Tgt Ion: 136 Resp: 1612022

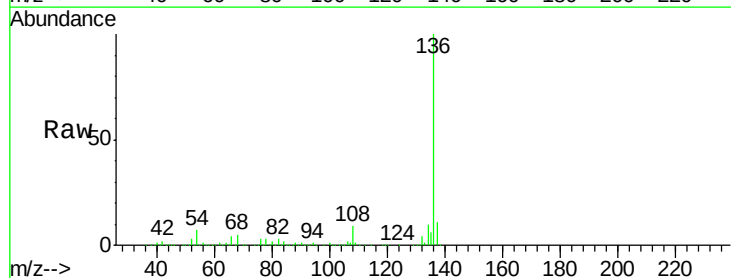
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.0 5.8 8.8

68 4.8 4.2 6.2

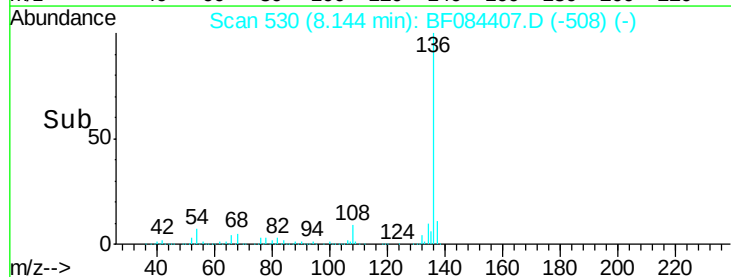
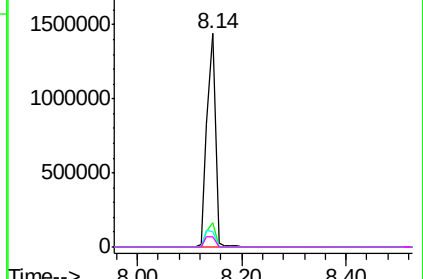


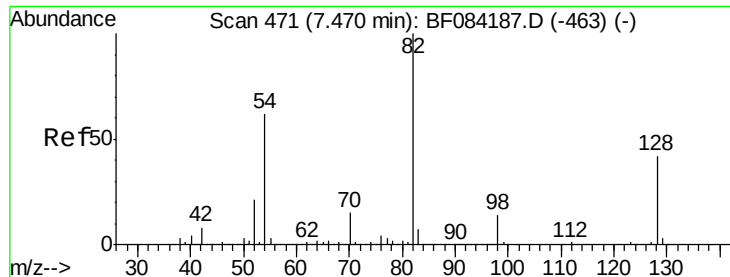
Abundance Ion 136.00 (135.70 to 136.70): E

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

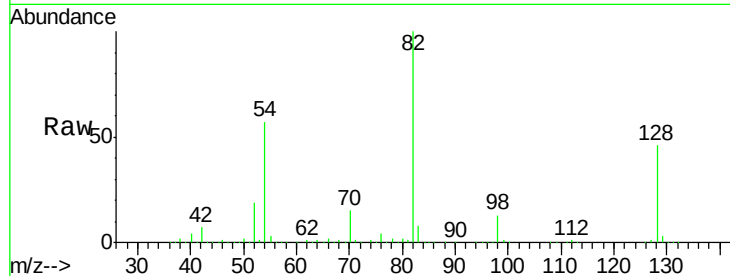




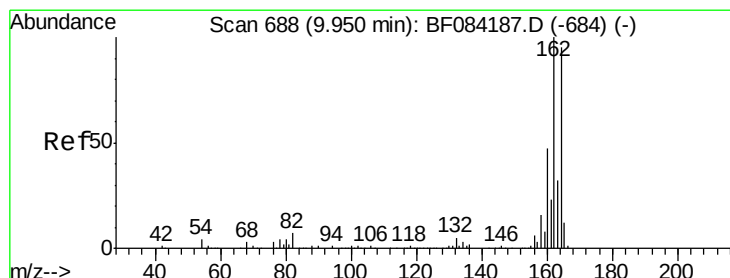
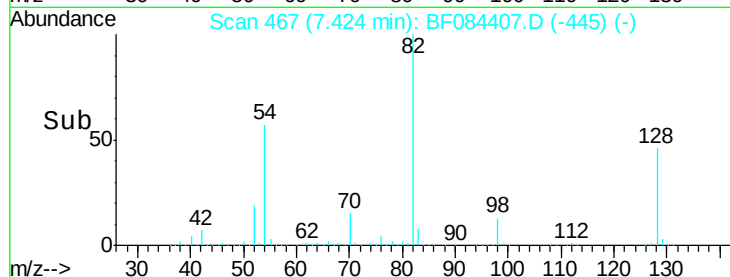
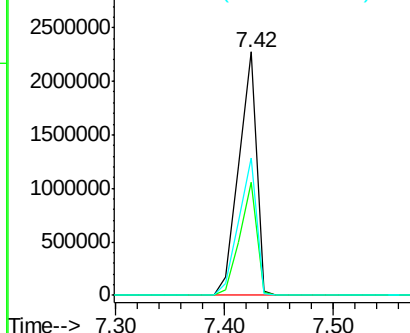
#23
 Nitrobenzene-d5
 Concen: 87.52 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084407.D
 Acq: 12 Jan 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FIELDBLANK1-1-5-16

Tgt Ion: 82 Resp: 2534942
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.6 51.8
 54 56.5 38.4 57.6

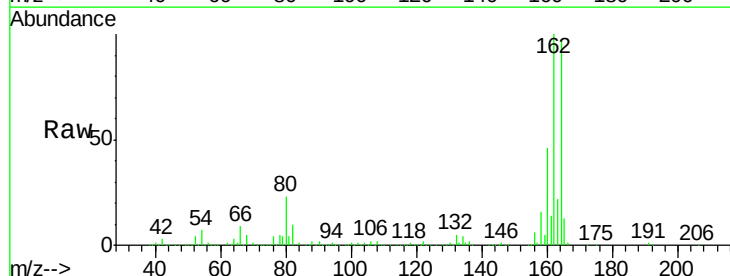


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

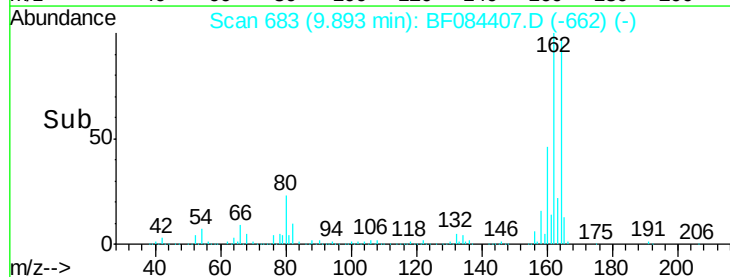
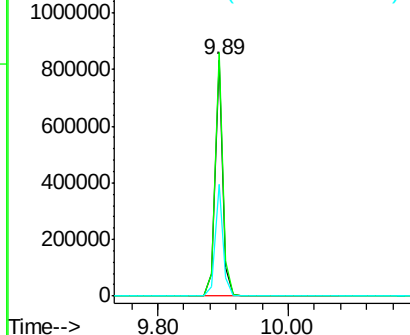


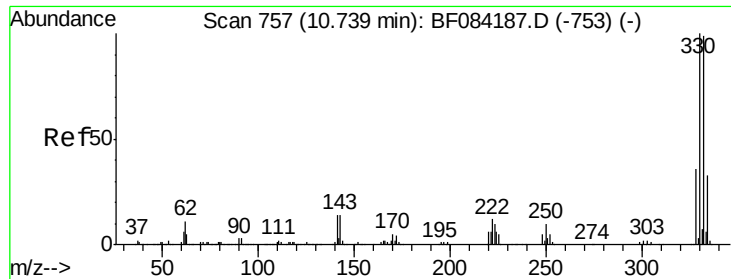
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084407.D
 Acq: 12 Jan 2016 4:36

Tgt Ion: 164 Resp: 705930
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.1 127.7
 160 47.3 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

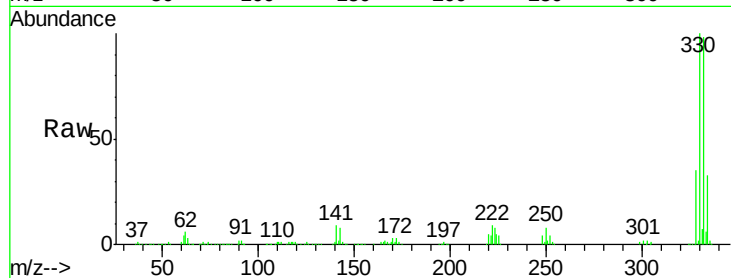




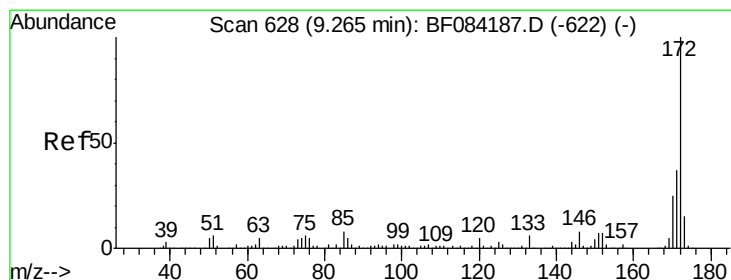
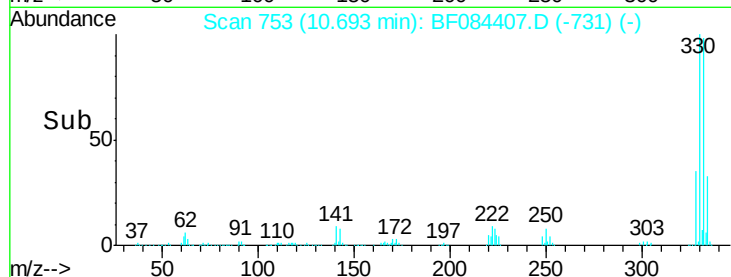
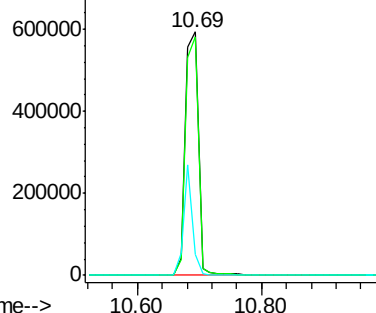
#41
 2,4,6-Tribromophenol
 Concen: 119.54 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084407.D
 Acq: 12 Jan 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FIELDBLANK1-1-5-16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	31.5	27.8	41.6

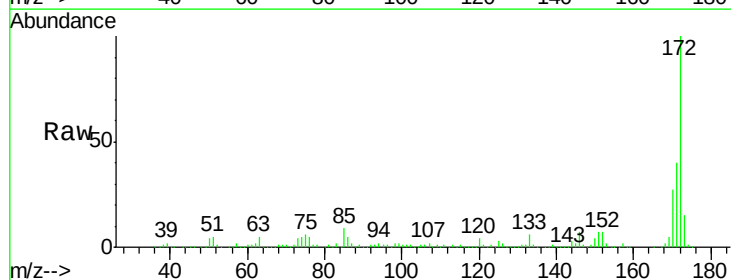


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

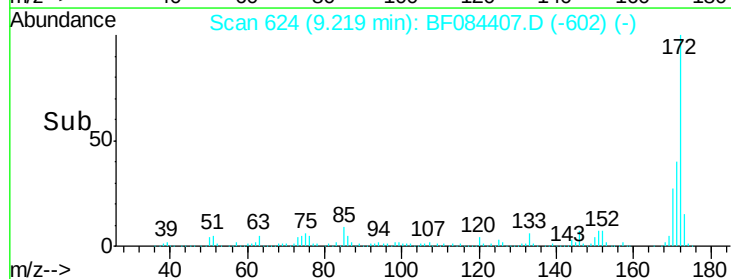
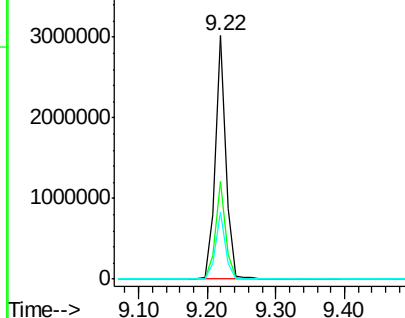


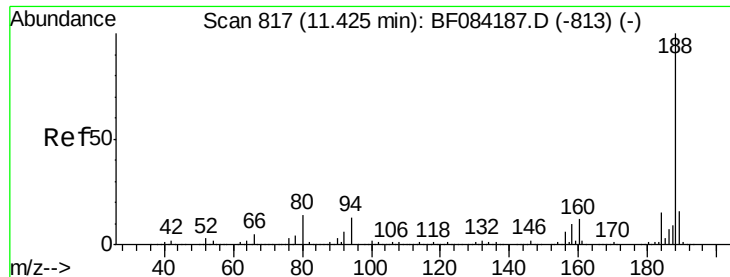
#44
 2-Fluorobiphenyl
 Concen: 82.98 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084407.D
 Acq: 12 Jan 2016 4:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	28.9	43.3
170	27.3	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

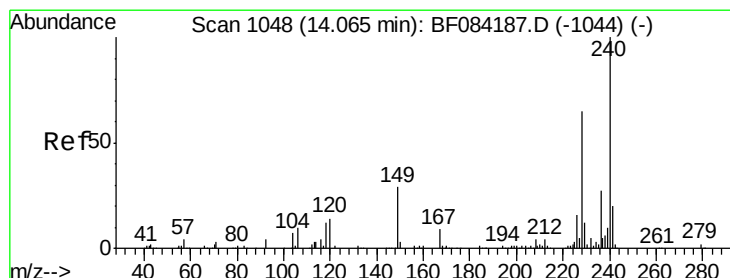
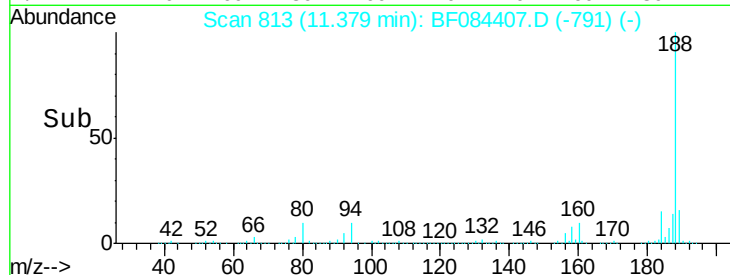
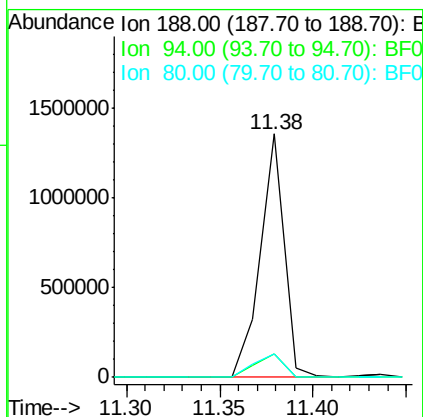
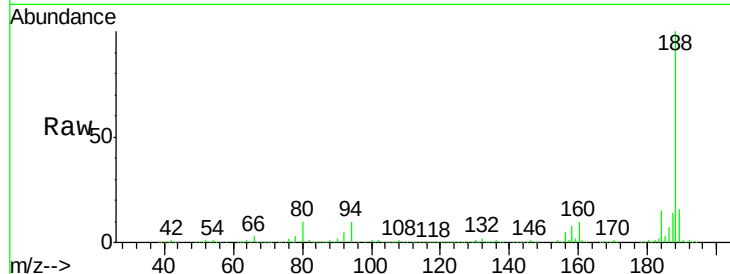




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084407.D
Acq: 12 Jan 2016 4:36

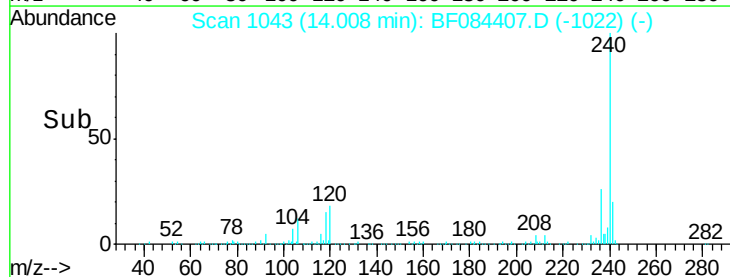
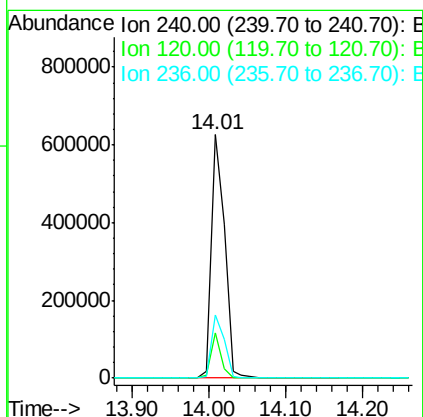
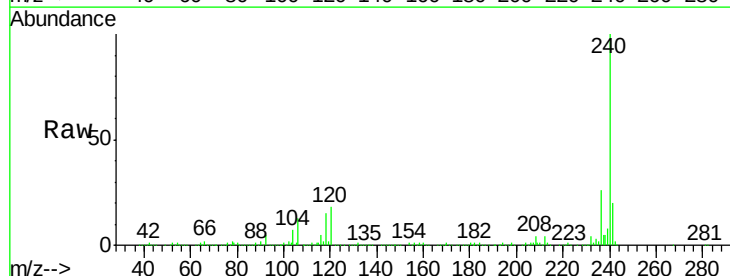
Instrument :
BNA_F
ClientSampleId :
207TH-ST-FIELDBLANK1-1-5-16

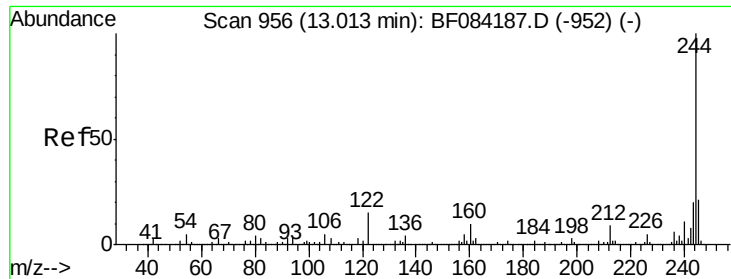
Tgt Ion:188 Resp: 1196509
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 9.7 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084407.D
Acq: 12 Jan 2016 4:36

Tgt Ion:240 Resp: 741860
Ion Ratio Lower Upper
240 100
120 18.4 9.5 14.3#
236 25.7 20.6 31.0





#78

Terphenyl-d14

Concen: 82.26 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FIELDBLANK1-1-5-16

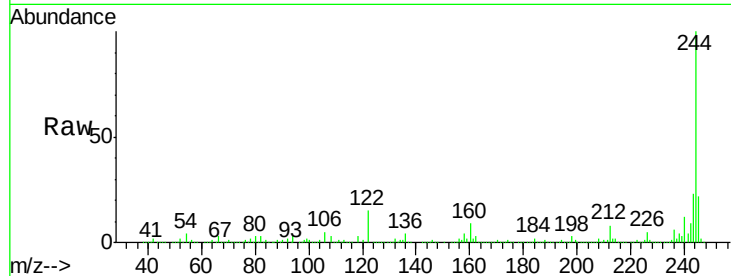
Tgt Ion:244 Resp: 2734019

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

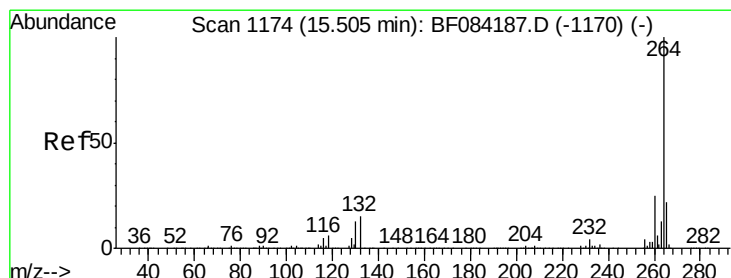
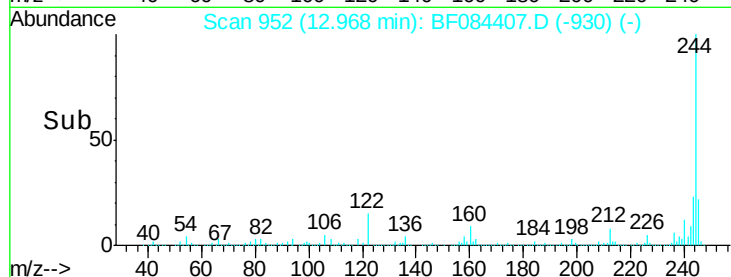
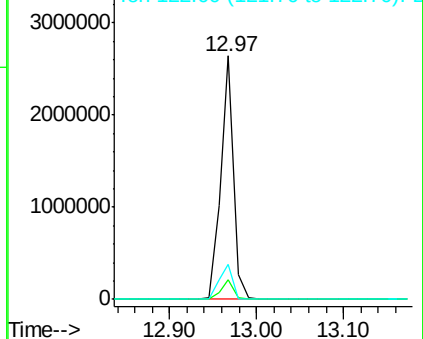
122 14.6 7.4 11.0#



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: 15.44 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF084407.D

Acq: 12 Jan 2016 4:36

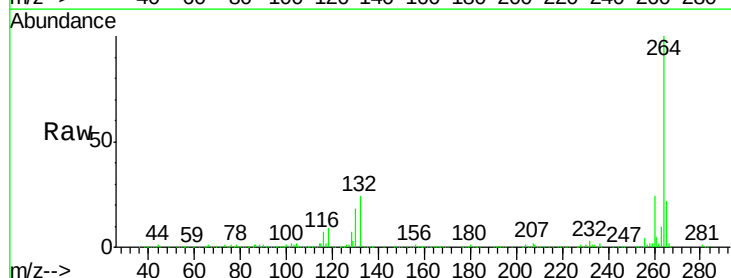
Tgt Ion:264 Resp: 653942

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.4 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

