

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101016\
 Data File : BF090487.D
 Acq On : 10 Oct 2016 18:46
 Operator : UM/SJ
 Sample : H5148-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-02-C

Quant Time: Oct 11 11:09:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	211463	20.00	ng	-0.03
21) Naphthalene-d8	8.25	136	882046	20.00	ng	-0.05
38) Acenaphthene-d10	10.01	164	468920	20.00	ng	-0.05
63) Phenanthrene-d10	11.49	188	776804	20.00	ng	-0.06
75) Chrysene-d12	14.14	240	674744	20.00	ng	-0.06
86) Perylene-d12	15.62	264	548888	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	698636	49.31	ng	-0.03
7) Phenol-d6	6.59	99	956418	51.54	ng	-0.03
23) Nitrobenzene-d5	7.51	82	548052	30.22	ng	-0.06
41) 2,4,6-Tribromophenol	10.79	330	222833	58.44	ng	-0.06
44) 2-Fluorobiphenyl	9.32	172	1024563	36.40	ng	-0.06
78) Terphenyl-d14	13.08	244	1043007	34.75	ng	-0.06

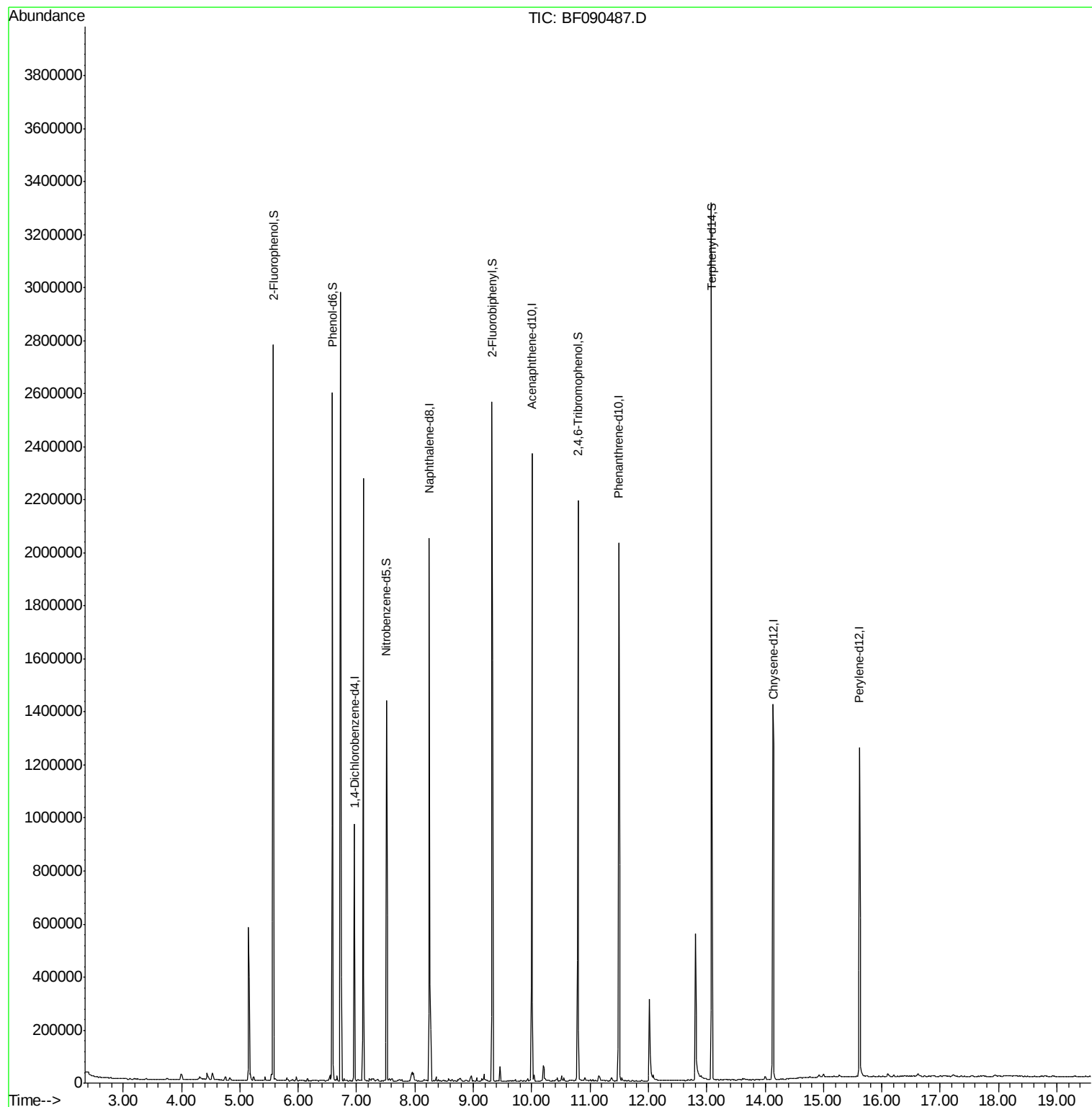
Target Compounds Qvalue

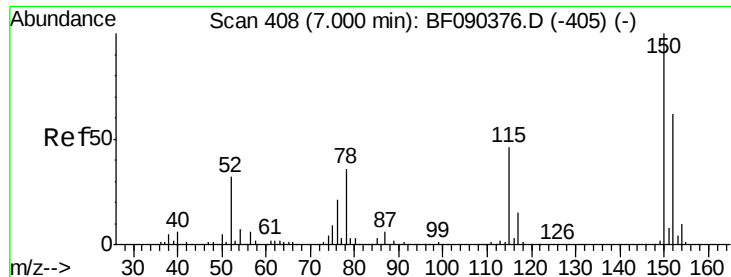
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-02-C

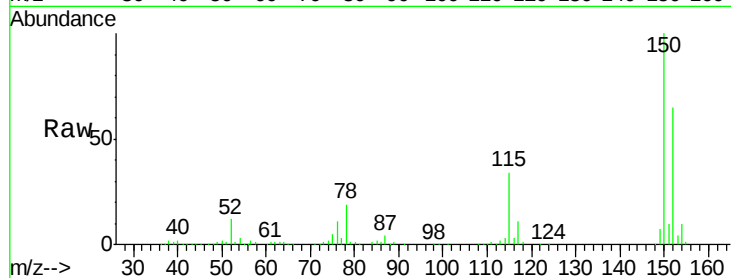
Tot Ion:152 Resp: 211463

Ion Ratio Lower Upper

152 100

150 153.2 124.6 186.8

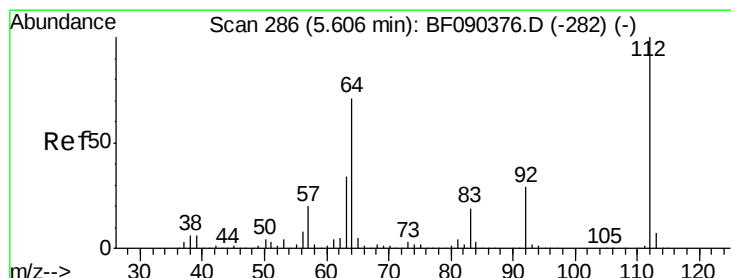
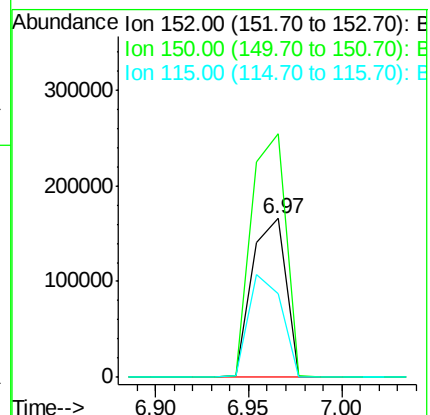
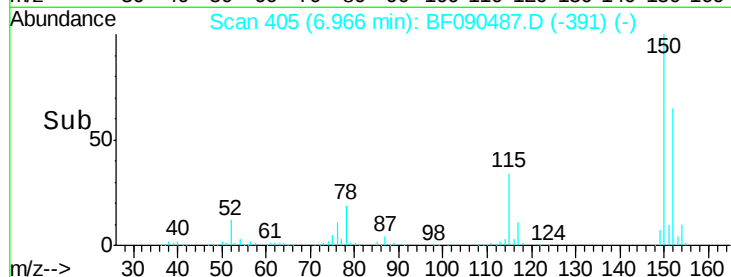
115 52.3 46.2 69.4



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: 49.31 ng

RT: 5.57 min Scan# 283

Delta R.T. -0.03 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

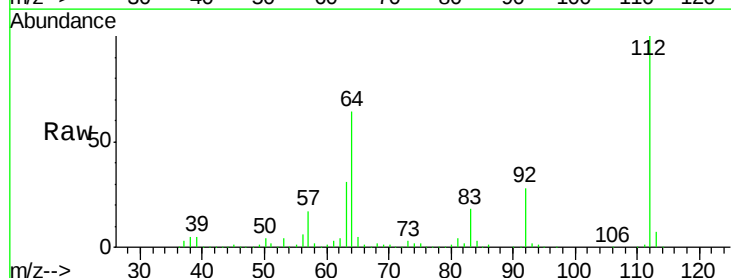
Tgt Ion:112 Resp: 698636

Ion Ratio Lower Upper

112 100

64 64.1 57.9 86.9

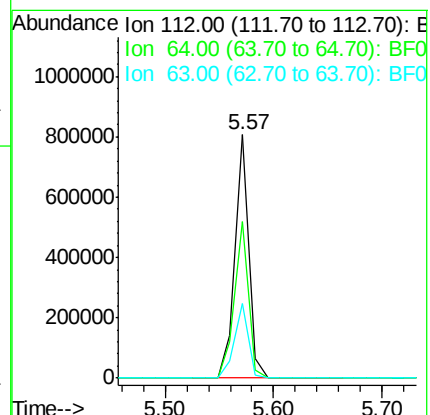
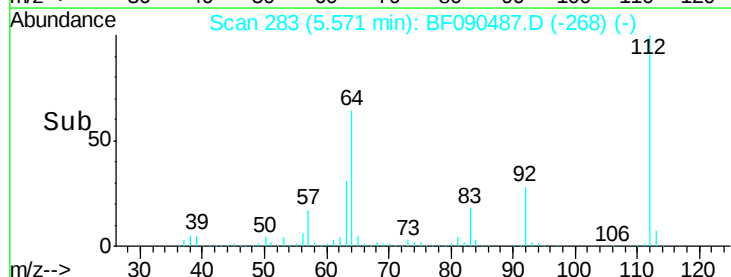
63 30.8 29.6 44.4

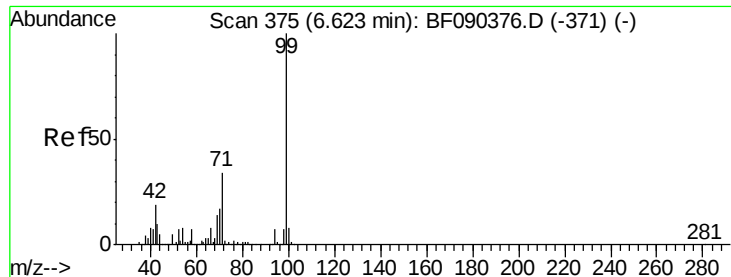


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.54 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.03 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-02-C

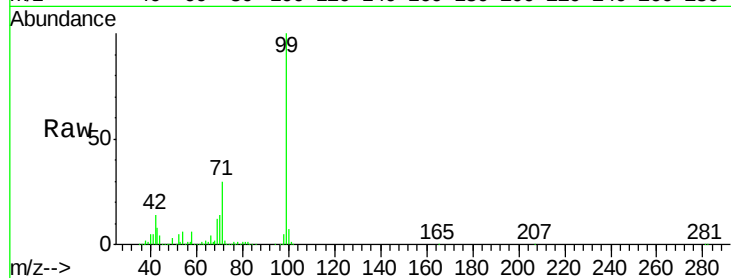
Tot Ion: 99 Resp: 956418

Ion Ratio Lower Upper

99 100

42 13.9 20.0 30.0#

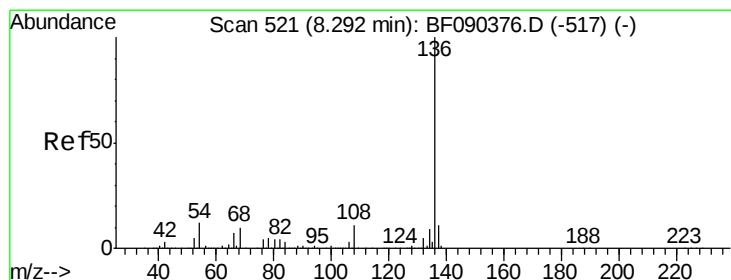
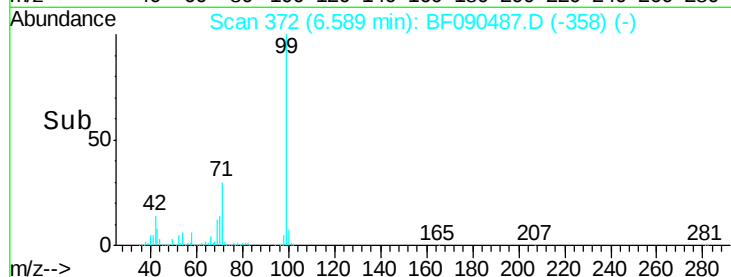
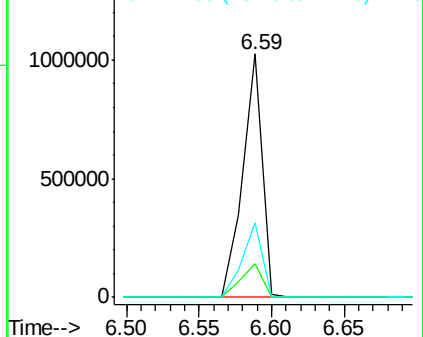
71 30.4 27.9 41.9



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: 8.25 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

Tgt Ion: 136 Resp: 882046

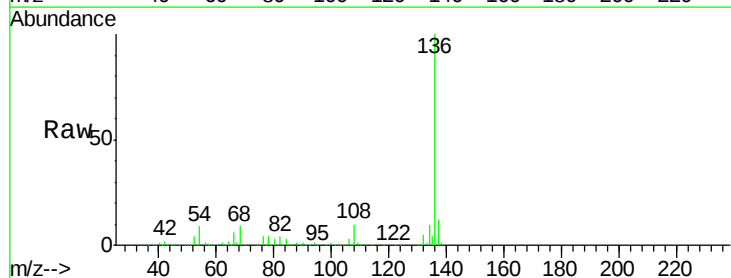
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 9.4 6.6 10.0

68 8.6 5.0 7.6#

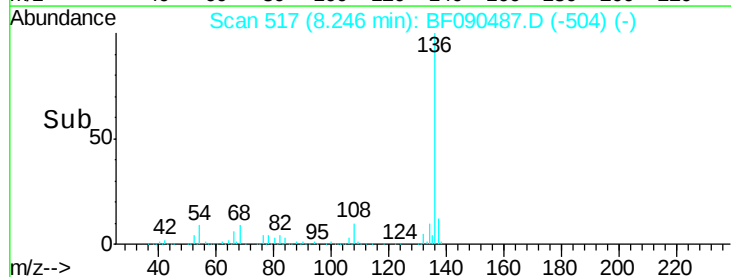
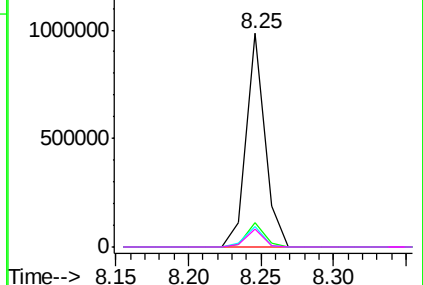


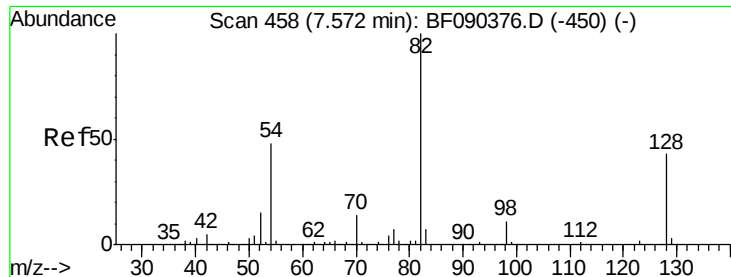
Abundance Ion 136.00 (135.70 to 136.70): E

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

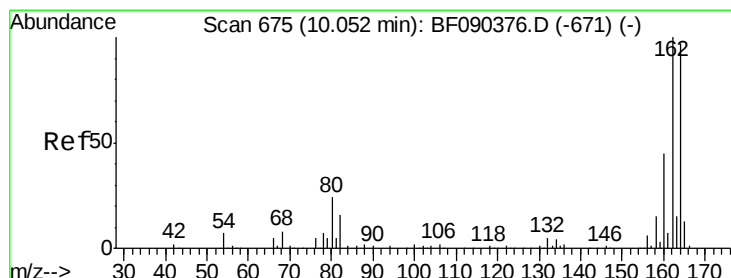
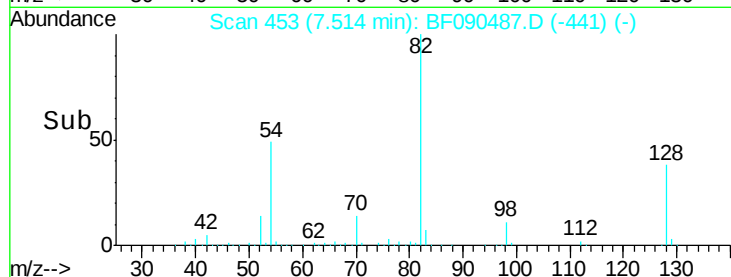
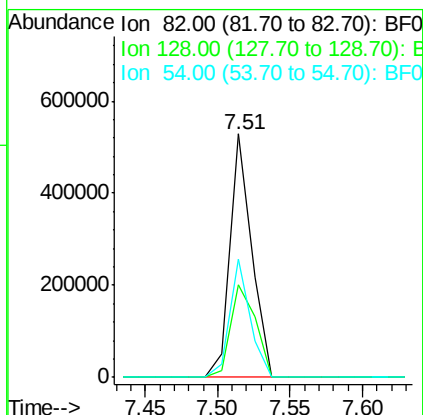
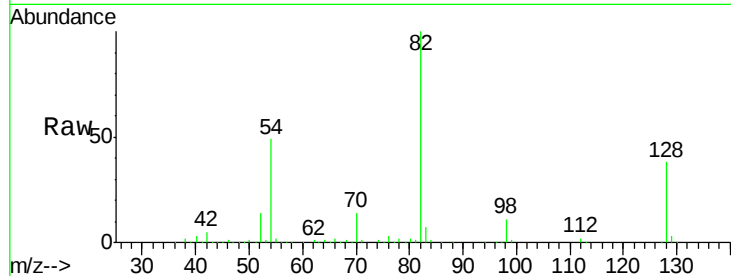




#23
 Nitrobenzene-d5
 Concen: 30.22 ng
 RT: 7.51 min Scan# 453
 Delta R.T. -0.06 min
 Lab File: BF090487.D
 Acq: 10 Oct 2016 18:46

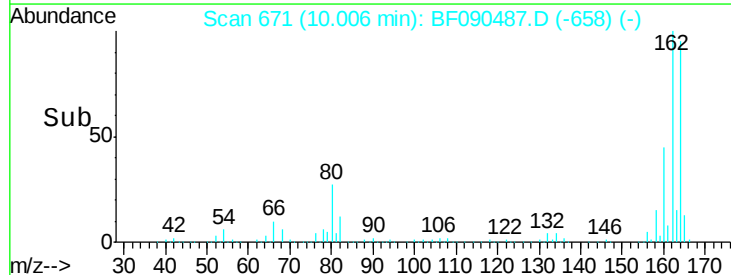
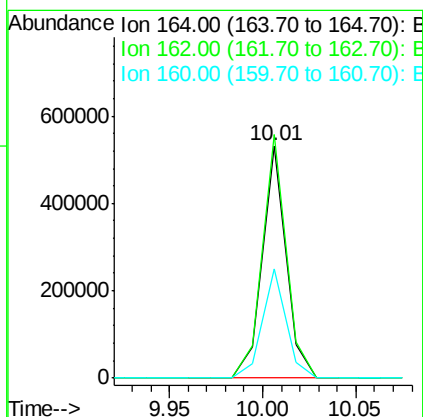
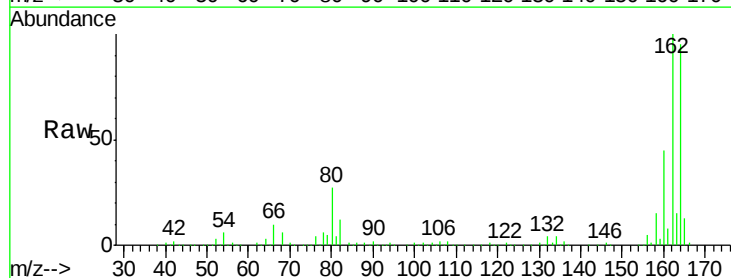
Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-02-C

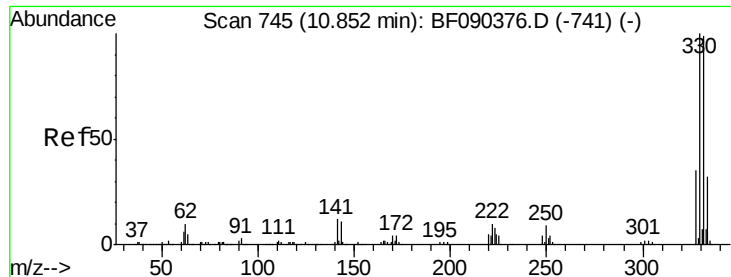
Tot Ion	82	Resp	548052
Ion Ratio	100	Lower	Upper
128	37.9	40.0	60.0#
54	48.6	42.6	64.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF090487.D
 Acq: 10 Oct 2016 18:46

Tgt Ion	164	Resp	468920
Ion Ratio	100	Lower	Upper
162	104.8	80.1	120.1
160	46.8	36.3	54.5

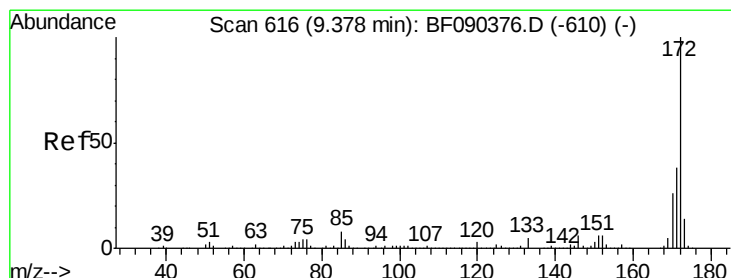
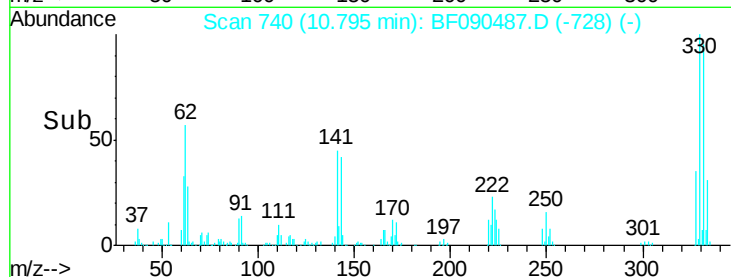
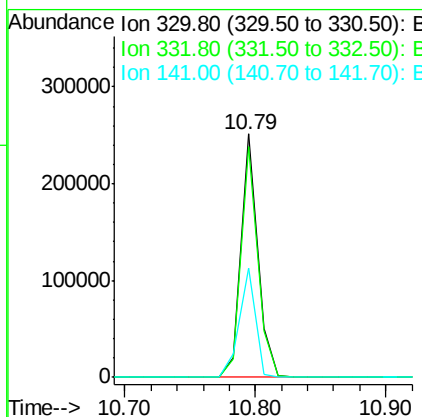
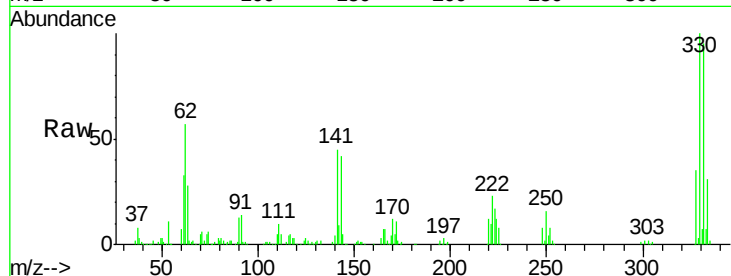




#41
 2,4,6-Tribromophenol
 Concen: 58.44 ng
 RT: 10.79 min Scan# 740
 Delta R.T. -0.06 min
 Lab File: BF090487.D
 Acq: 10 Oct 2016 18:46

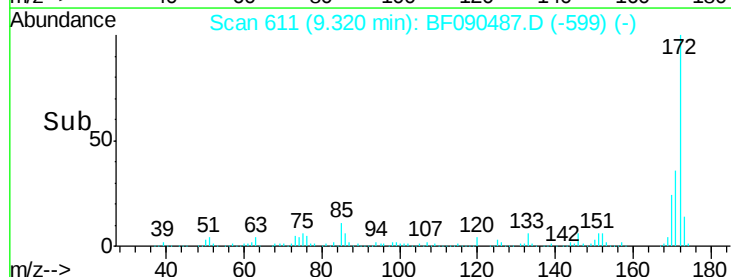
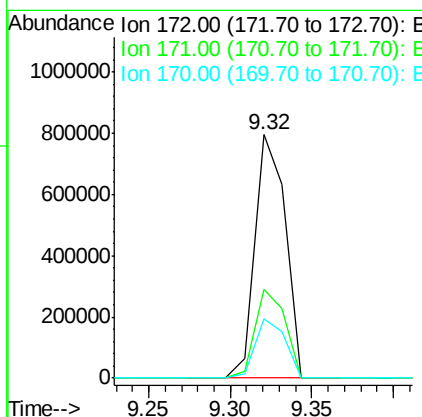
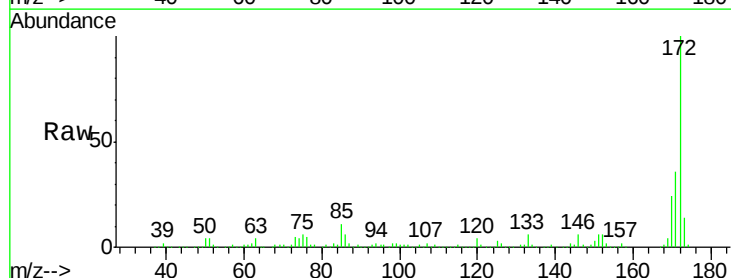
Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-02-C

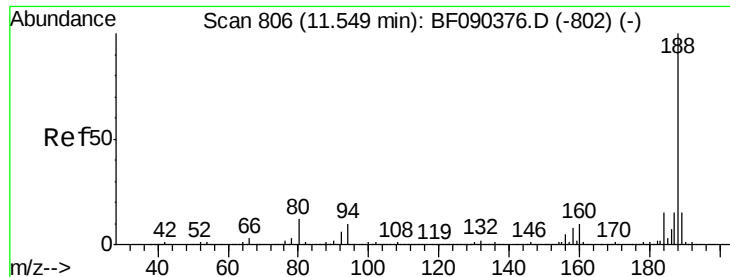
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.0
141	43.8	26.9	40.3



#44
 2-Fluorobiphenyl
 Concen: 36.40 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF090487.D
 Acq: 10 Oct 2016 18:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	31.8	47.8
170	24.2	21.7	32.5

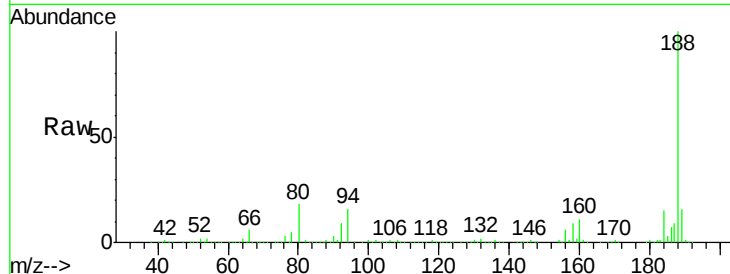




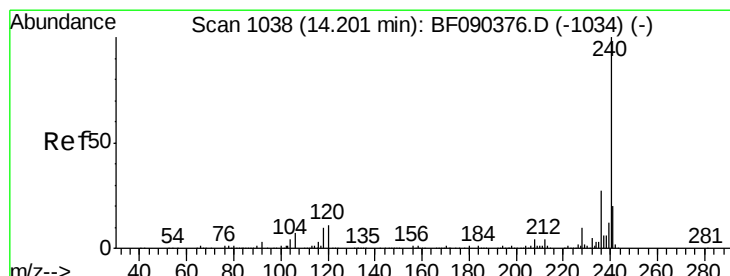
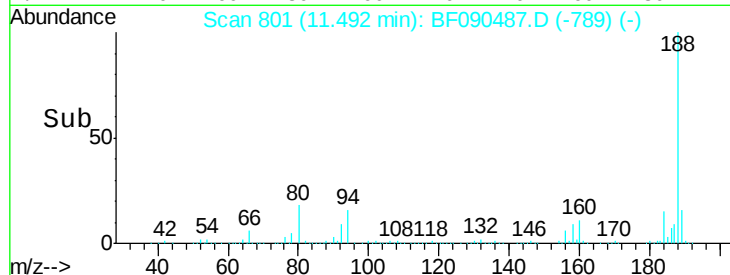
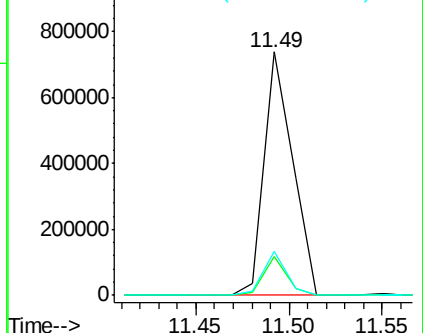
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF090487.D
Acq: 10 Oct 2016 18:46

Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-02-C

Tot Ion:188 Resp: 776804
Ion Ratio Lower Upper
188 100
94 15.9 8.2 12.2#
80 18.1 8.8 13.2#

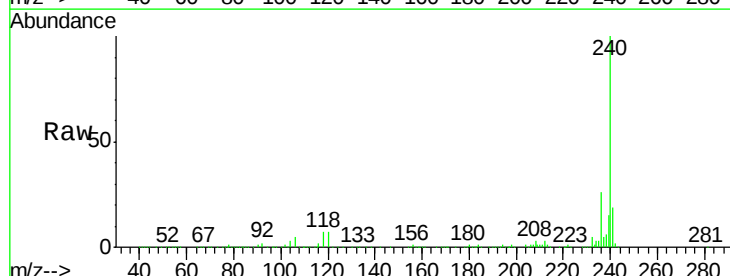


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

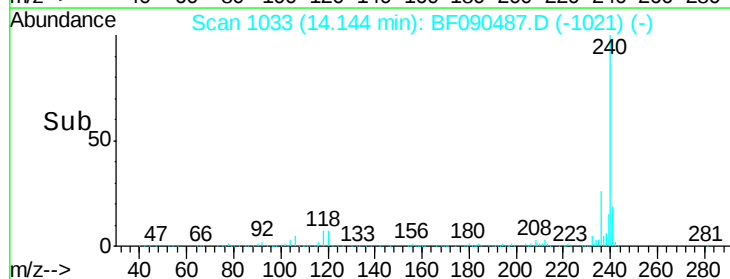
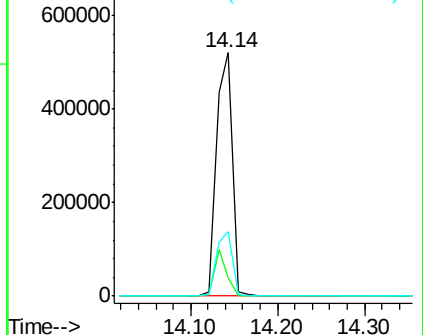


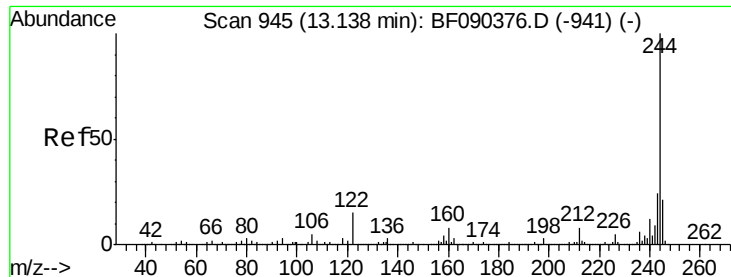
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF090487.D
Acq: 10 Oct 2016 18:46

Tgt Ion:240 Resp: 674744
Ion Ratio Lower Upper
240 100
120 7.4 8.6 13.0#
236 26.3 21.6 32.4



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: 34.75 ng

RT: 13.08 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-02-C

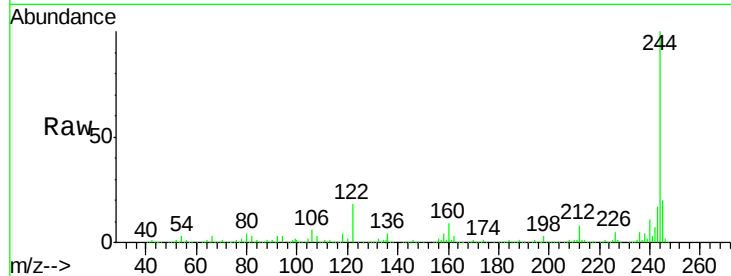
Tot Ion:244 Resp: 1043007

Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

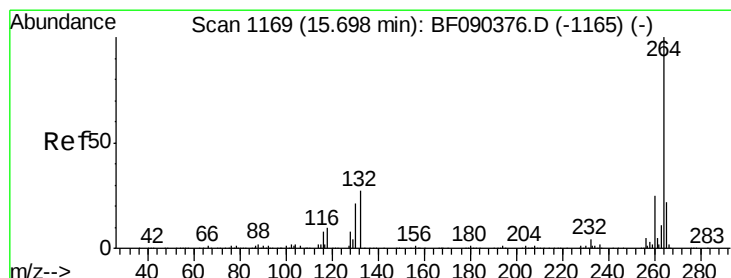
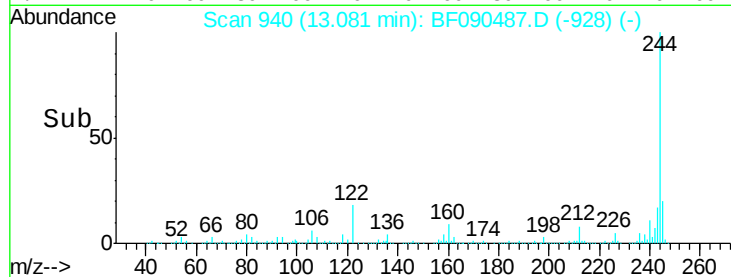
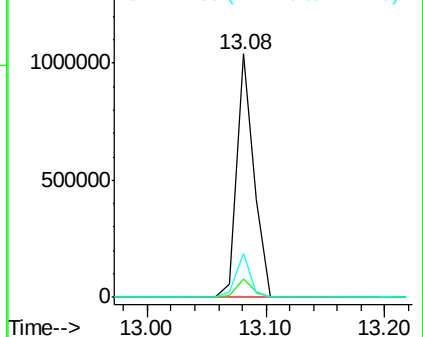
122 17.9 13.3 19.9



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: 15.62 min Scan# 1162

Delta R.T. -0.08 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

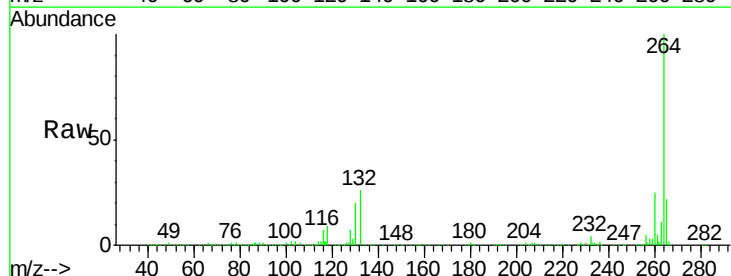
Tgt Ion:264 Resp: 548888

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

265 21.6 17.4 26.0



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

