

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088276.D
 Acq On : 23 Jun 2016 5:33
 Operator : UM/SJ
 Sample : H3065-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW100-160511

Quant Time: Jun 23 07:18:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	25018	5.00	ng	0.00
21) Naphthalene-d8	7.88	136	152356	5.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	99391	5.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	165353	5.00	ng	0.00
75) Chrysene-d12	13.75	240	140360	5.00	ng	0.00
86) Perylene-d12	15.11	264	115181	5.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	14067	2.40	ng	0.02
7) Phenol-d6	6.27	99	14043	1.98	ng	0.01
23) Nitrobenzene-d5	7.18	82	13129	1.26	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	16491	3.93	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	66896	1.35	ng	0.00
78) Terphenyl-d14	12.70	244	69957	2.84	ng	0.00

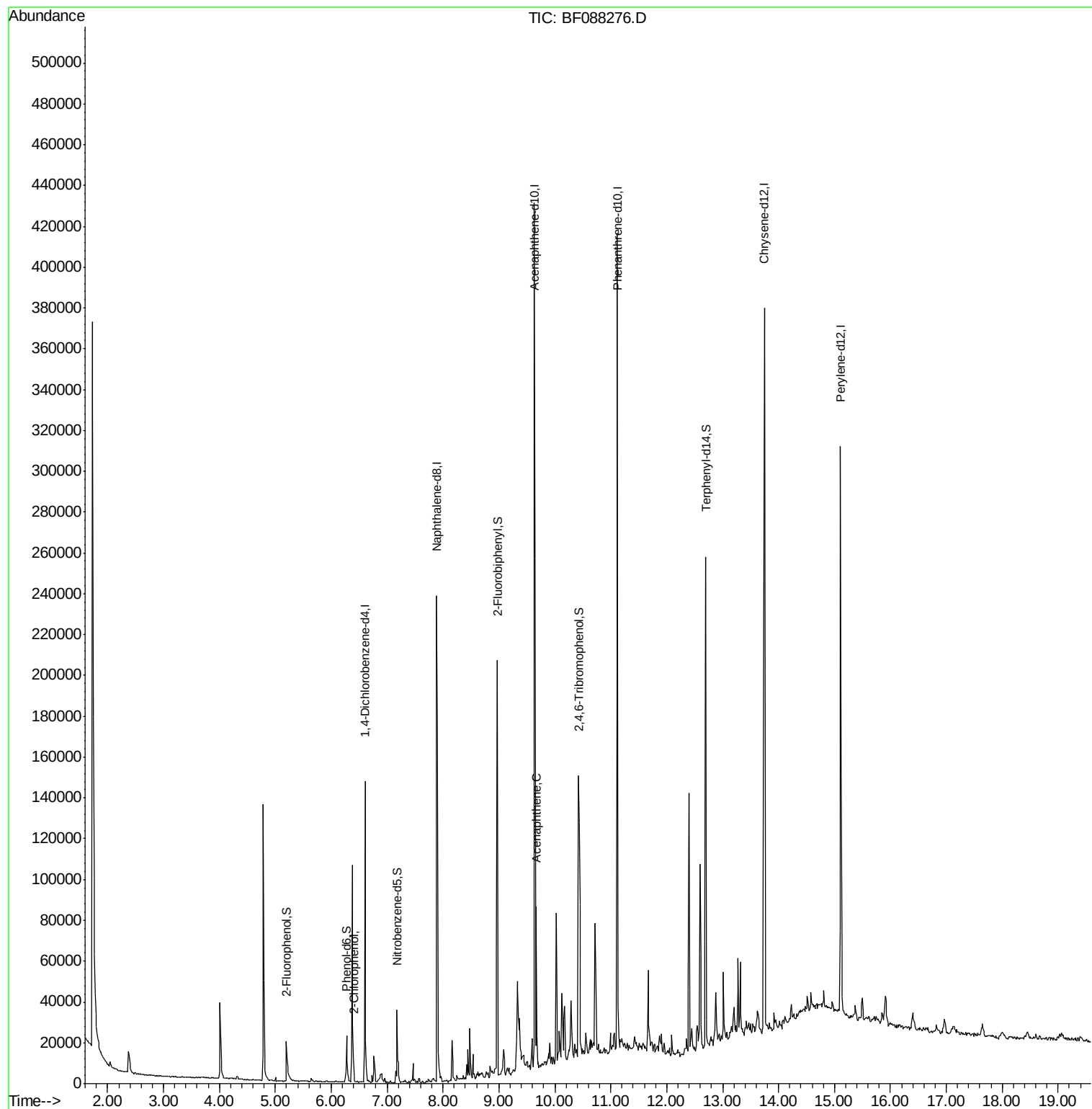
Target Compounds Qvalue

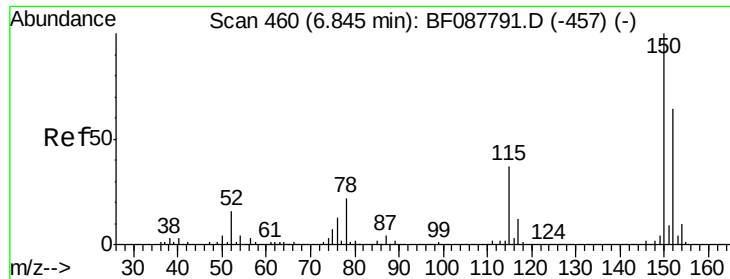
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088276.D

Acq: 23 Jun 2016 5:33

Instrument :

BNA_F

ClientSampleId :

SS043MW100-160511

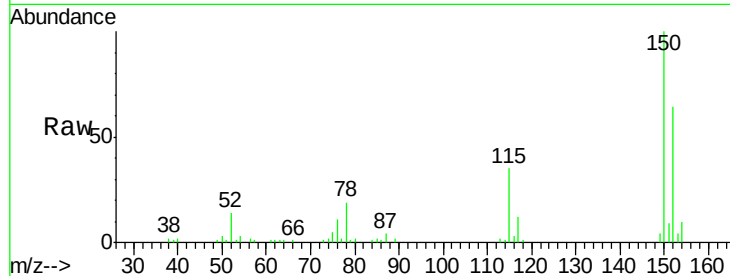
Tot Ion:152 Resp: 25018

Ion Ratio Lower Upper

152 100

150 155.5 123.8 185.6

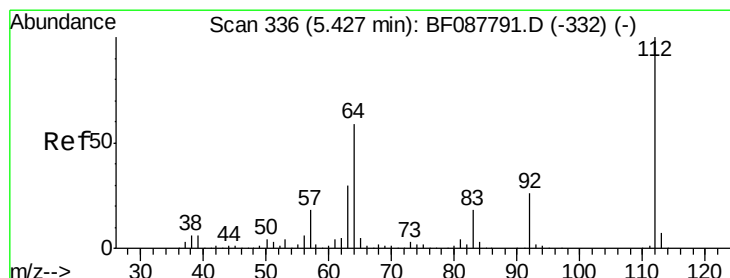
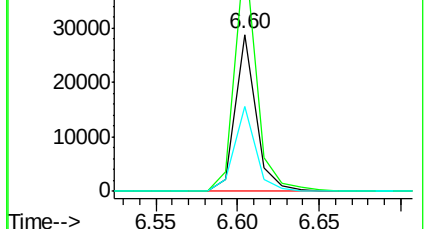
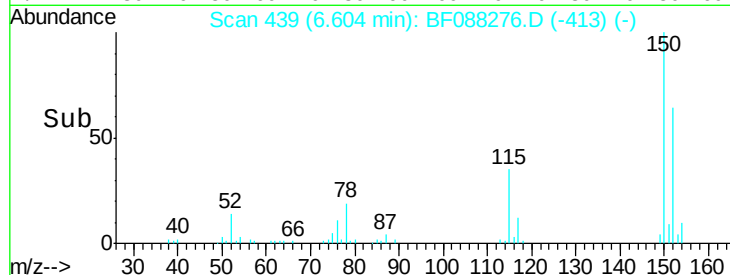
115 54.2 39.6 59.4



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: 2.40 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.02 min

Lab File: BF088276.D

Acq: 23 Jun 2016 5:33

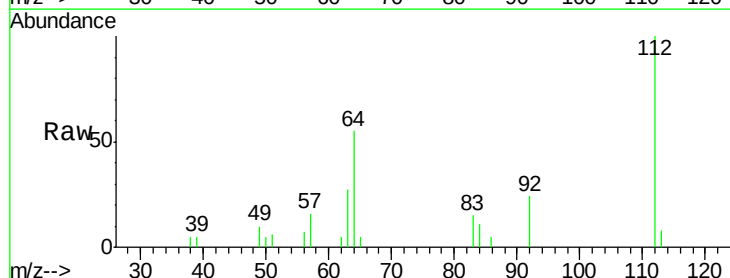
Tgt Ion:112 Resp: 14067

Ion Ratio Lower Upper

112 100

64 55.3 42.2 63.2

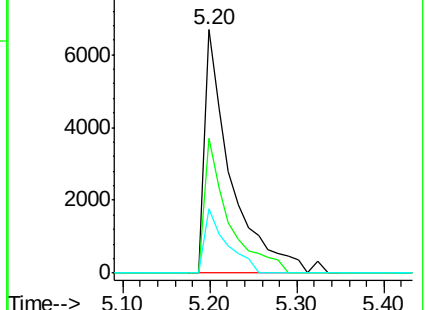
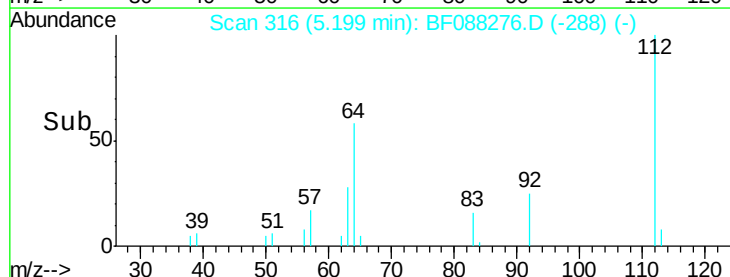
63 26.5 21.8 32.8

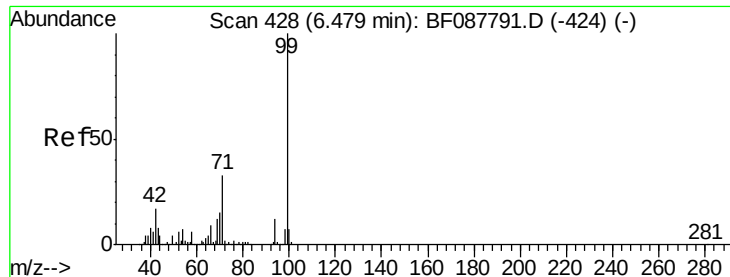


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.98 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088276.D

Acq: 23 Jun 2016 5:33

Instrument :

BNA_F

ClientSampleId :

SS043MW100-160511

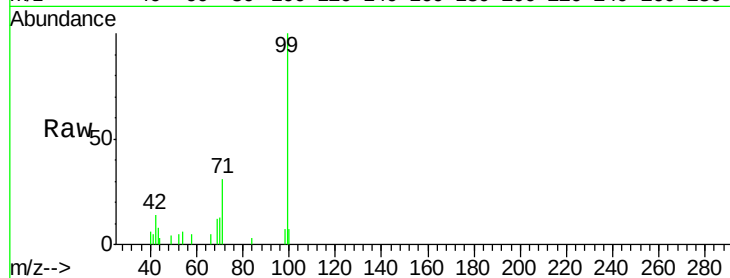
Tot Ion: 99 Resp: 14043

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

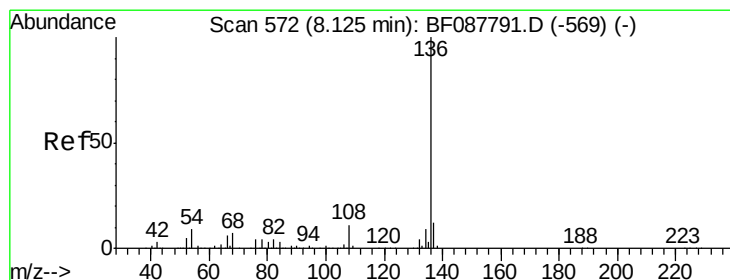
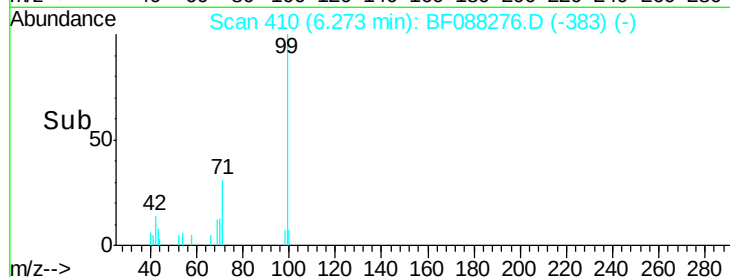
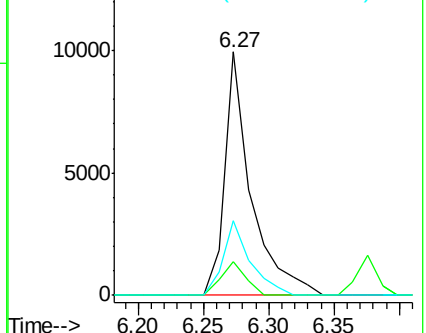
71 30.5 23.4 35.0



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: 5.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088276.D

Acq: 23 Jun 2016 5:33

Tgt Ion: 136 Resp: 152356

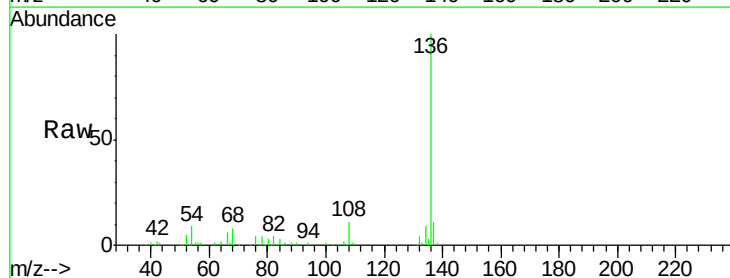
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.5 6.6 10.0

68 7.6 5.1 7.7

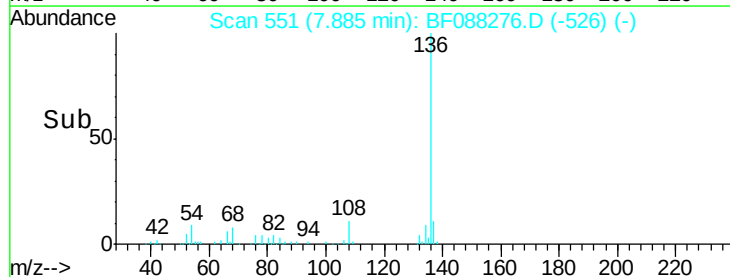
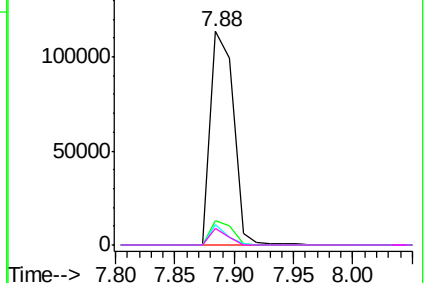


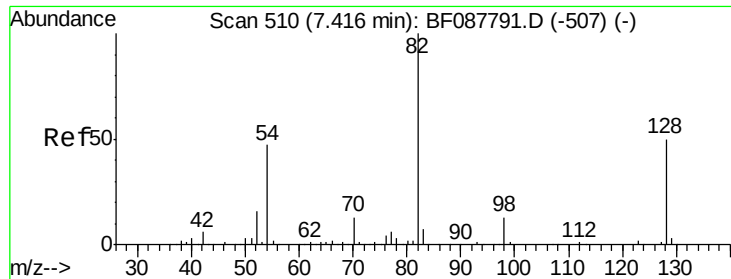
Abundance Ion 136.00 (135.70 to 136.70): E

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

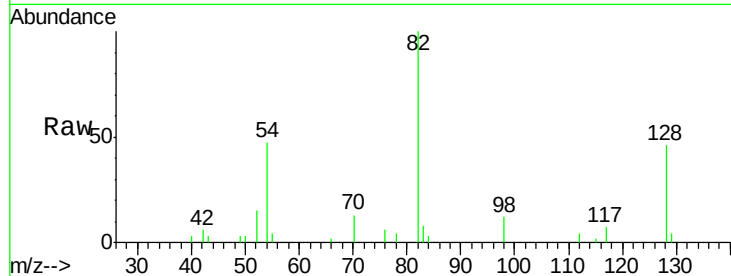




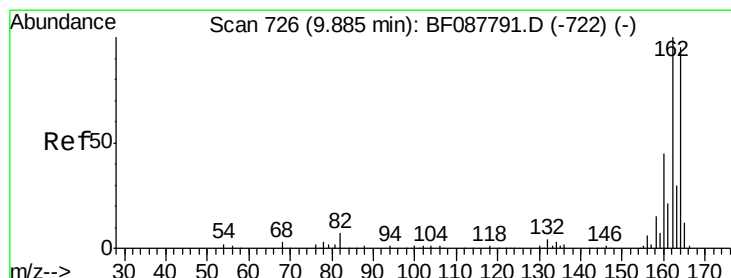
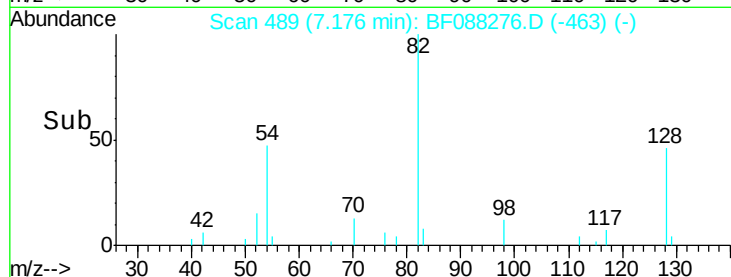
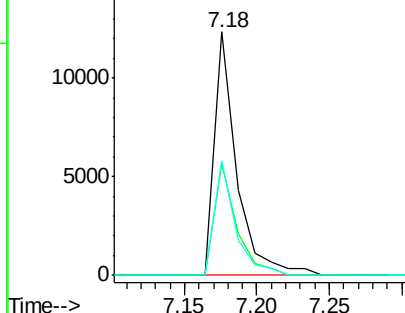
#23
 Nitrobenzene-d5
 Concen: 1.26 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088276.D
 Acq: 23 Jun 2016 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW100-160511

Tot Ion	82	Resp	13129
Ion Ratio	Lower	Upper	
82	100		
128	46.0	35.9	53.9
54	46.9	40.9	61.3

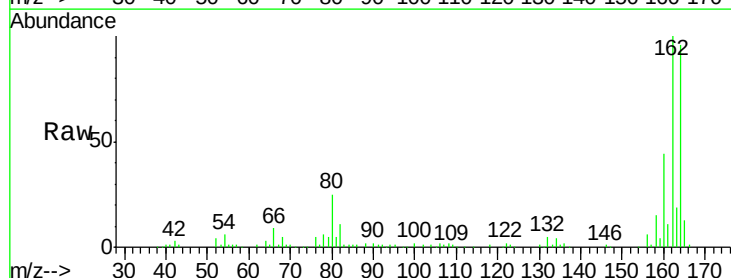


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

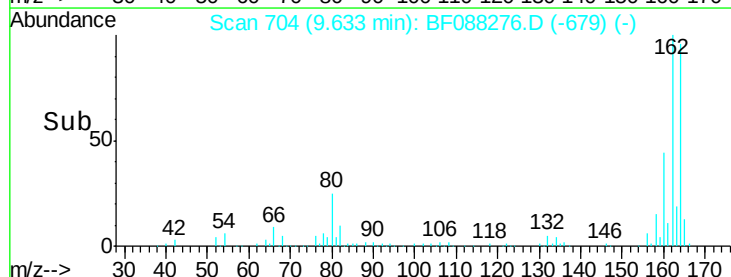
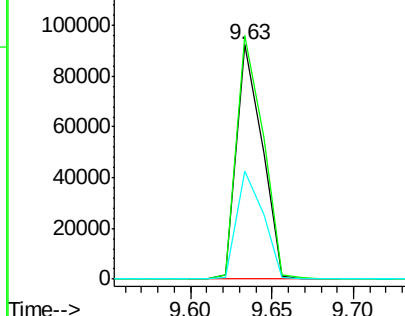


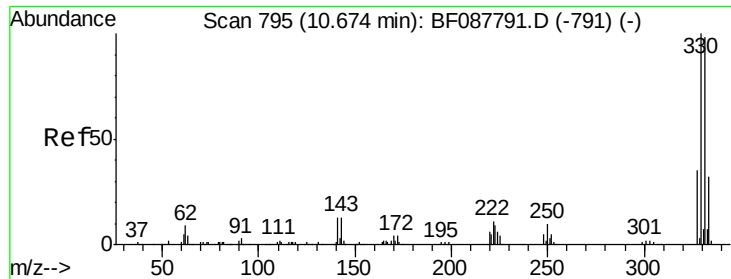
#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088276.D
 Acq: 23 Jun 2016 5:33

Tgt Ion	164	Resp	99391
Ion Ratio	Lower	Upper	
164	100		
162	104.0	85.4	128.2
160	45.9	39.5	59.3



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

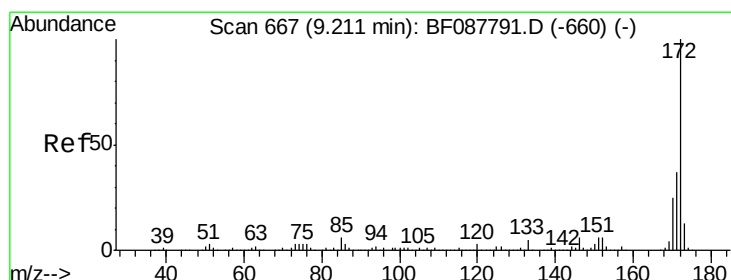
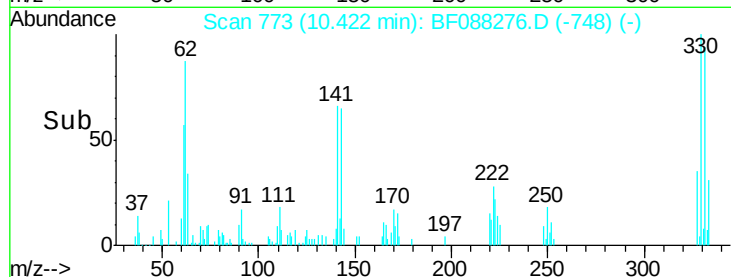
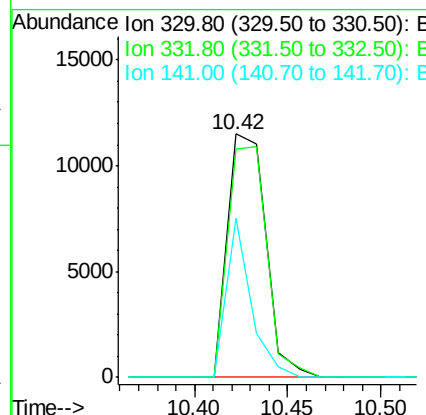
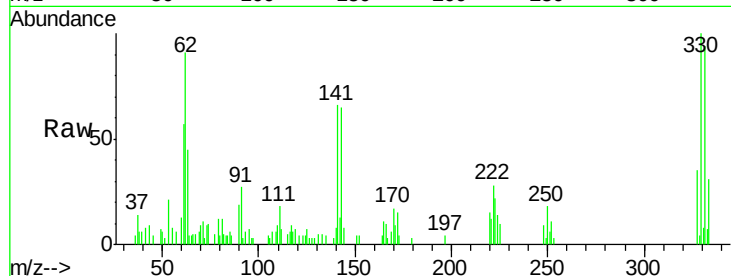




#41
 2,4,6-Tribromophenol
 Concen: 3.93 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088276.D
 Acq: 23 Jun 2016 5:33

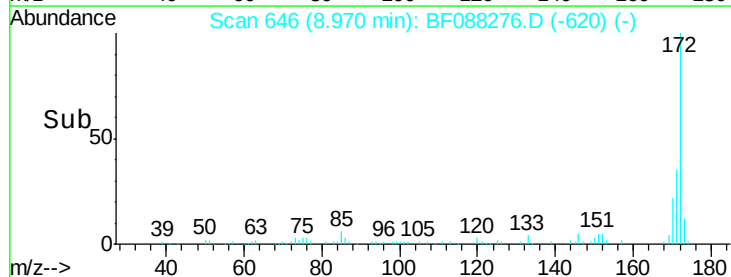
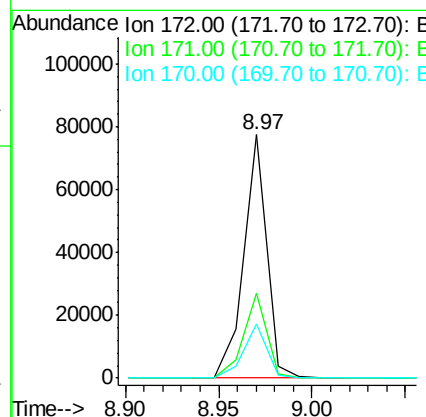
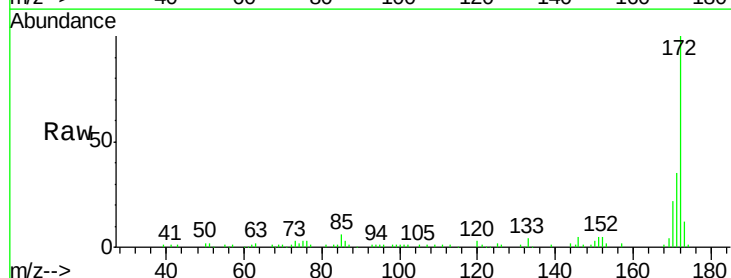
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW100-160511

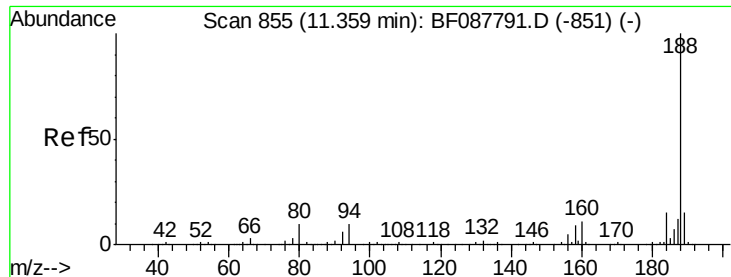
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	42.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 1.35 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088276.D
 Acq: 23 Jun 2016 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.4	19.2	28.8

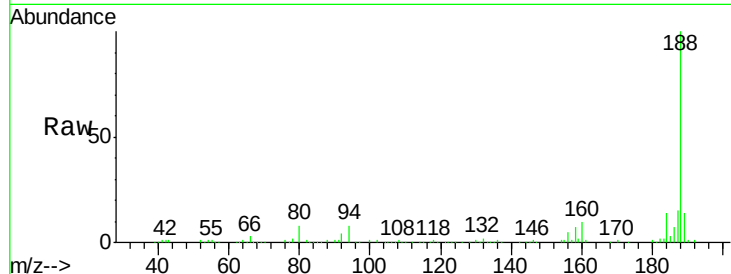




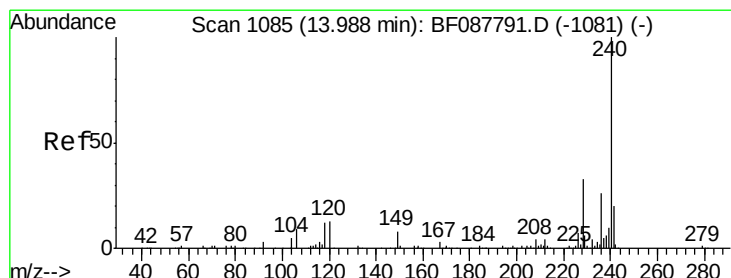
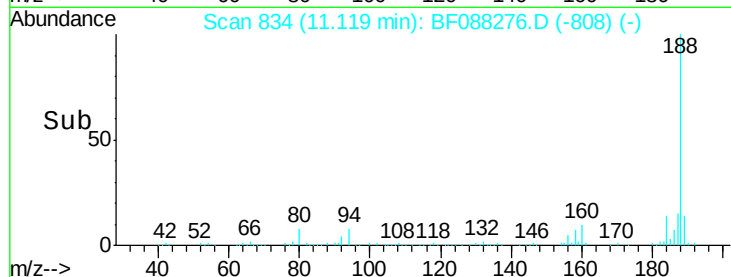
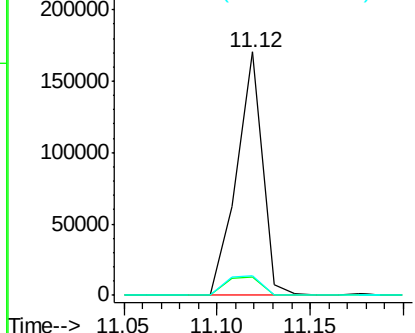
#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088276.D
Acq: 23 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
SS043MW100-160511

Tot Ion:188 Resp: 165353
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.6#
80 8.0 10.0 15.0#

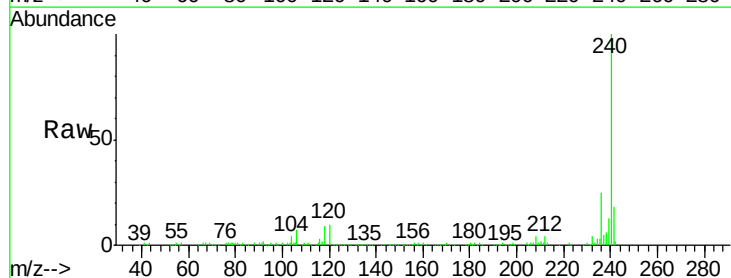


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

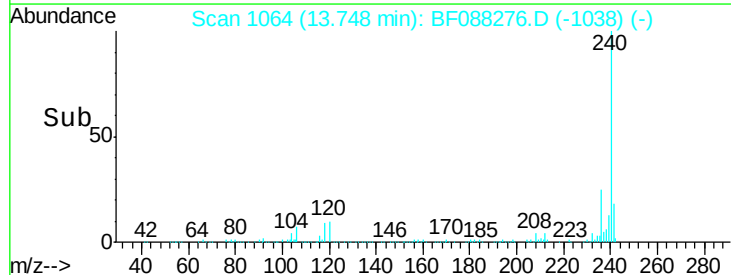
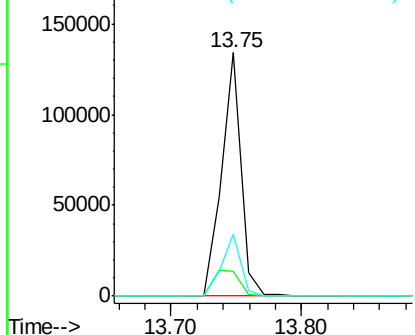


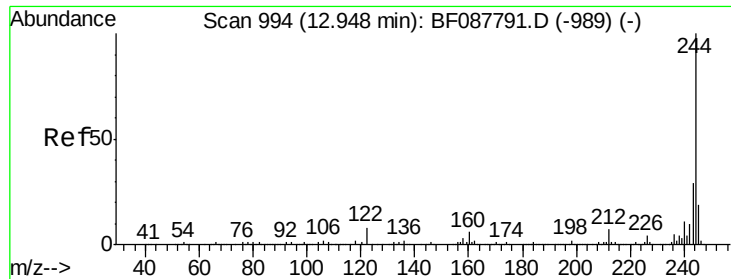
#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088276.D
Acq: 23 Jun 2016 5:33

Tgt Ion:240 Resp: 140360
Ion Ratio Lower Upper
240 100
120 10.2 6.8 10.2#
236 25.2 20.2 30.2



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

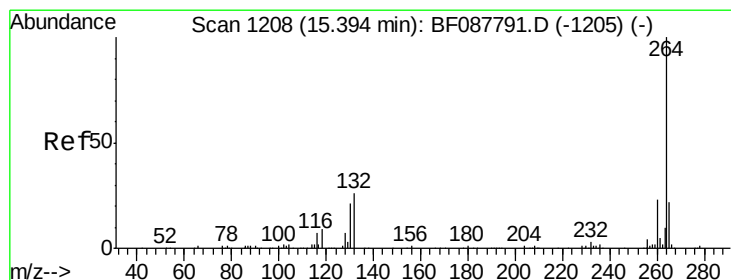
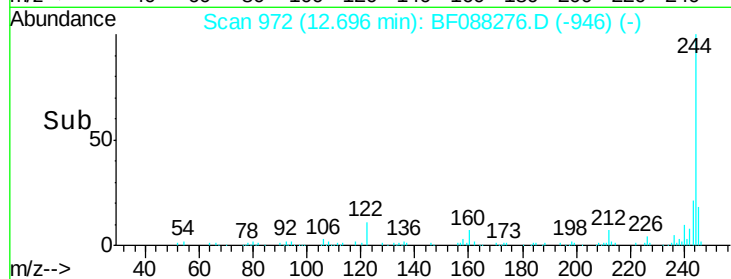
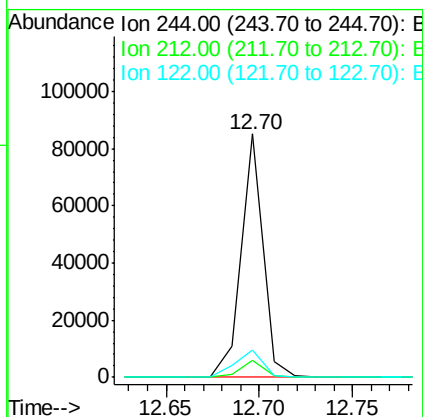
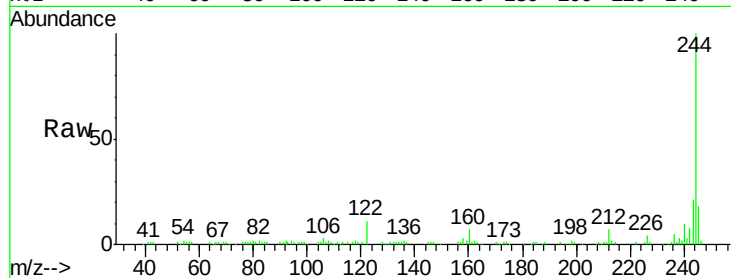




#78
 Terphenyl-d14
 Concen: 2.84 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088276.D
 Acq: 23 Jun 2016 5:33

Instrument :
 BNA_F
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 SS043MW100-160511

Tot Ion:244 Resp: 69957
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 11.1 11.2 16.8#



#86
 Perylene-d12
 Concen: 5.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088276.D
 Acq: 23 Jun 2016 5:33

Tgt Ion:264 Resp: 115181
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.9 16.9 25.3

