

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088279.D
 Acq On : 23 Jun 2016 6:59
 Operator : UM/SJ
 Sample : H3065-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW039-160511

Quant Time: Jun 23 07:26:16 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	25337	5.00	ng	0.00
21) Naphthalene-d8	7.88	136	102362	5.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	46287	5.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	69403	5.00	ng	0.00
75) Chrysene-d12	13.75	240	57580	5.00	ng	0.00
86) Perylene-d12	15.11	264	44659	5.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	12606	2.13	ng	0.02
7) Phenol-d6	6.27	99	9949	1.38	ng	0.01
23) Nitrobenzene-d5	7.18	82	21132	3.01	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	8417	4.31	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	50781	3.13	ng	0.00
78) Terphenyl-d14	12.70	244	48779	4.82	ng	0.00

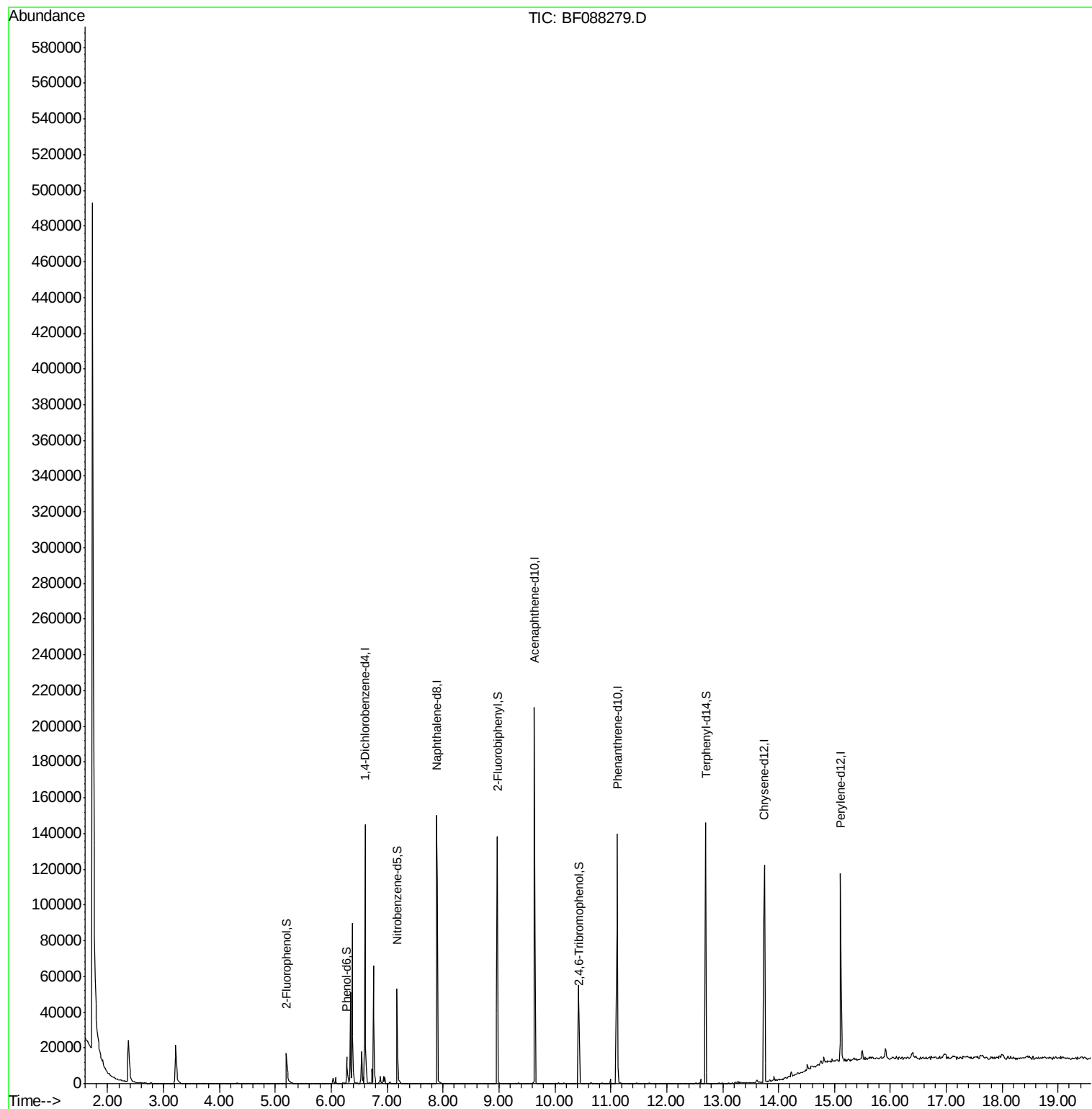
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF088279.D

Acq: 23 Jun 2016 6:59

Instrument :

BNA_F

ClientSampleId :

SS043MW039-160511

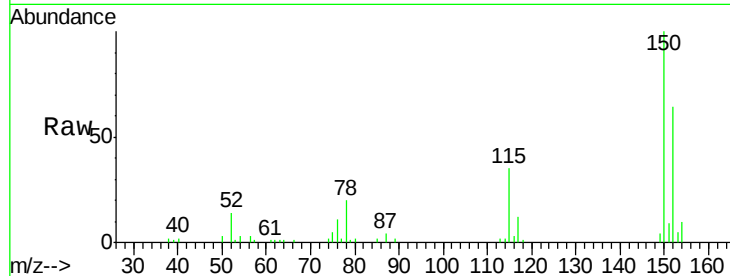
Tot Ion:152 Resp: 25337

Ion Ratio Lower Upper

152 100

150 155.5 123.8 185.6

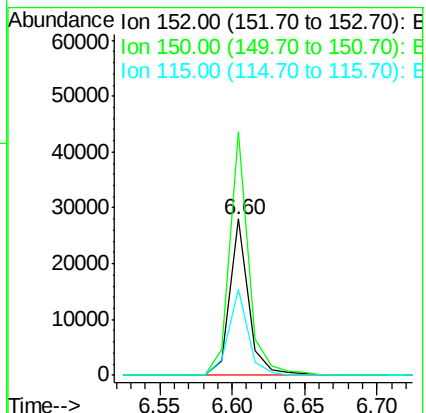
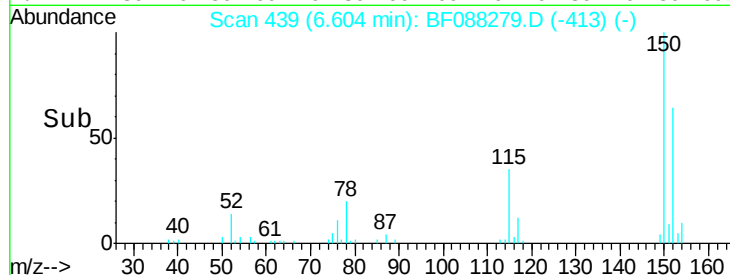
115 54.9 39.6 59.4



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: 2.13 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.02 min

Lab File: BF088279.D

Acq: 23 Jun 2016 6:59

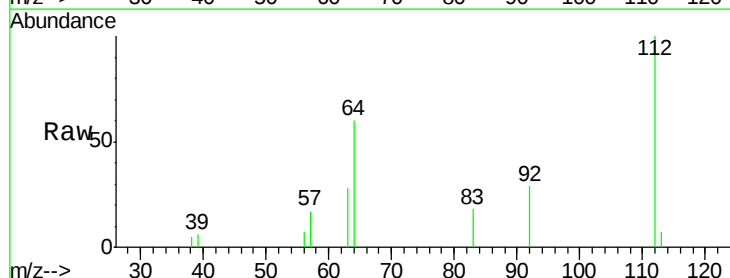
Tgt Ion:112 Resp: 12606

Ion Ratio Lower Upper

112 100

64 59.6 42.2 63.2

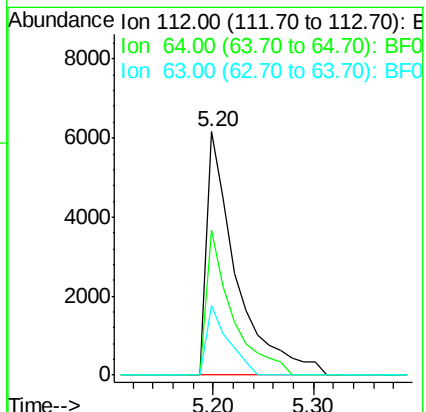
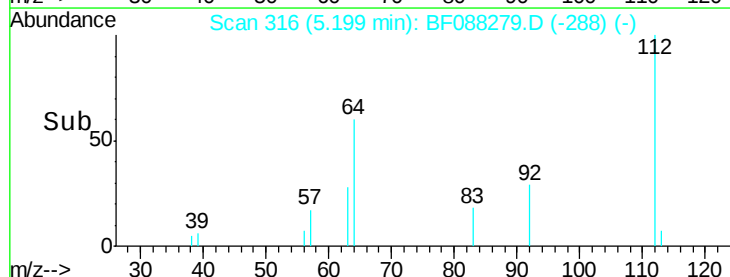
63 28.4 21.8 32.8

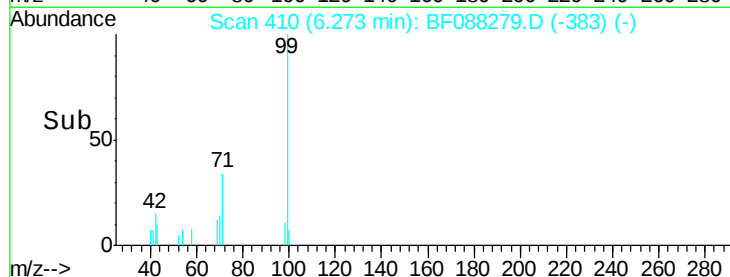
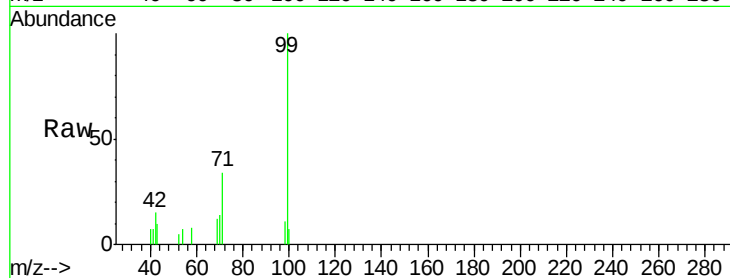
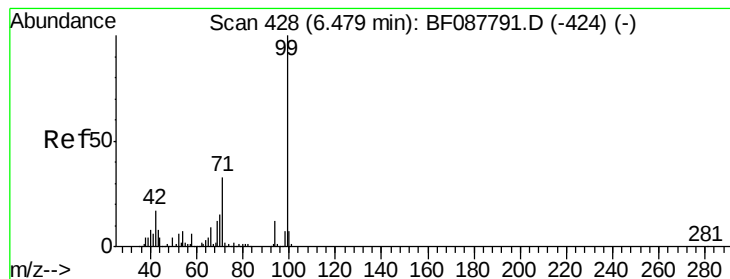


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.38 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088279.D

Acq: 23 Jun 2016 6:59

Instrument :

BNA_F

ClientSampleId :

SS043MW039-160511

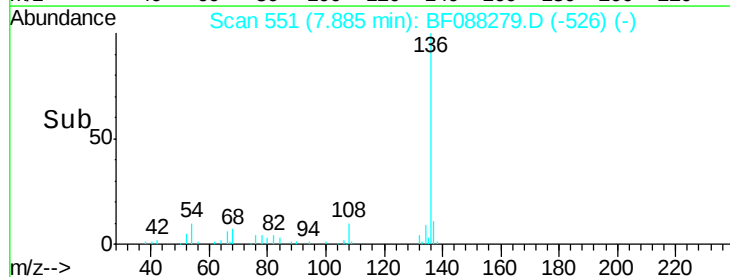
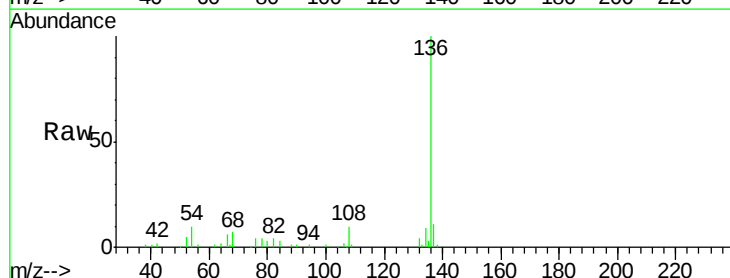
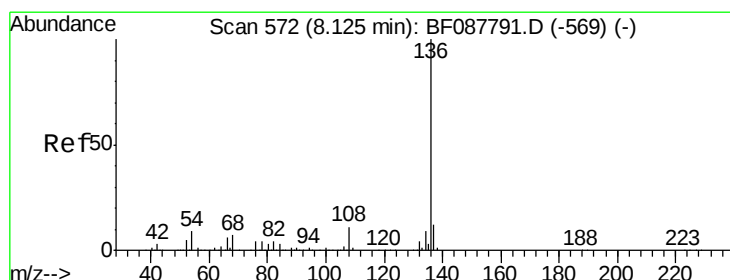
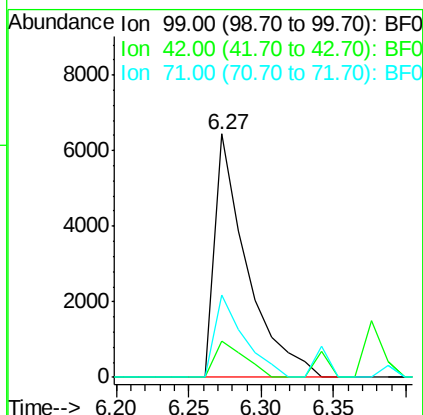
Tot Ion: 99 Resp: 9949

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

71 33.7 23.4 35.0



#21

Naphthalene-d8

Concen: 5.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088279.D

Acq: 23 Jun 2016 6:59

Tgt Ion: 136 Resp: 102362

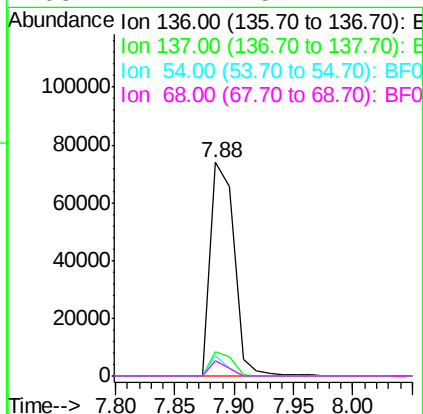
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.9 6.6 10.0

68 7.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 3.01 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088279.D

Acq: 23 Jun 2016 6:59

Instrument :

BNA_F

ClientSampleId :

SS043MW039-160511

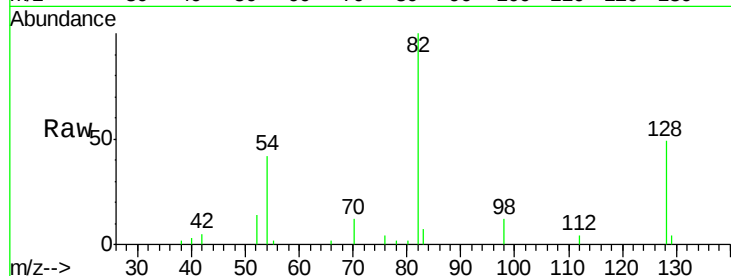
Tot Ion: 82 Resp: 21132

Ion Ratio Lower Upper

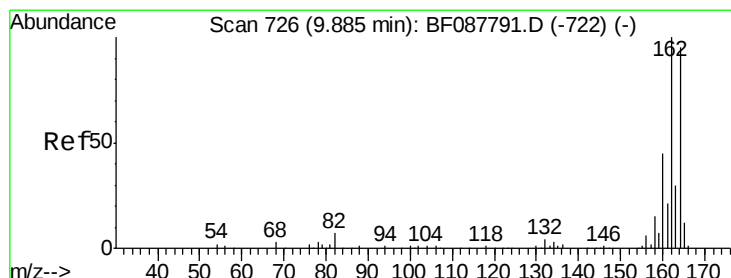
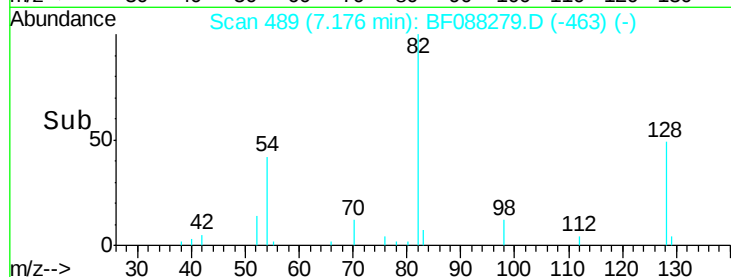
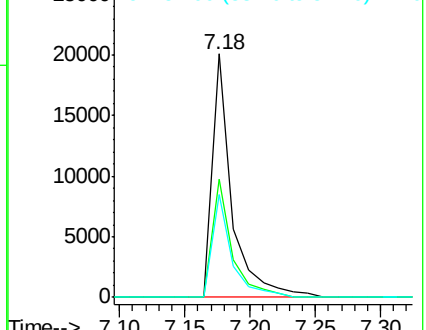
82 100

128 48.7 35.9 53.9

54 42.4 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: BF088279.D

Acq: 23 Jun 2016 6:59

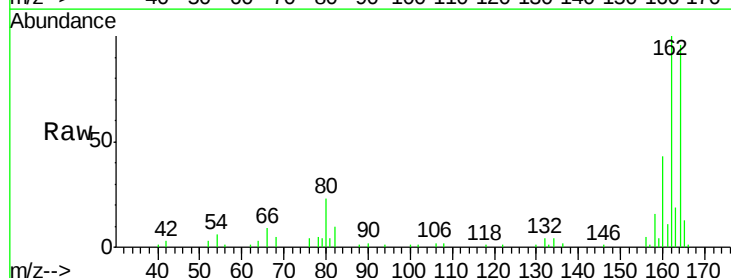
Tgt Ion: 164 Resp: 46287

Ion Ratio Lower Upper

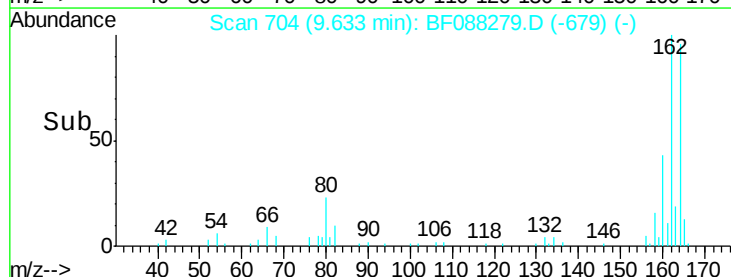
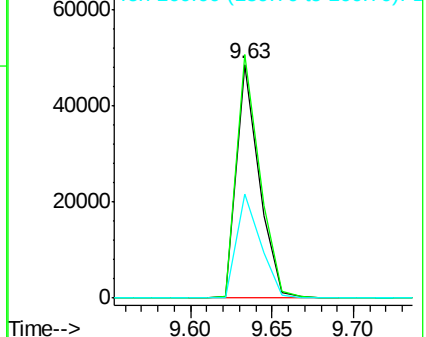
164 100

162 104.1 85.4 128.2

160 44.6 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

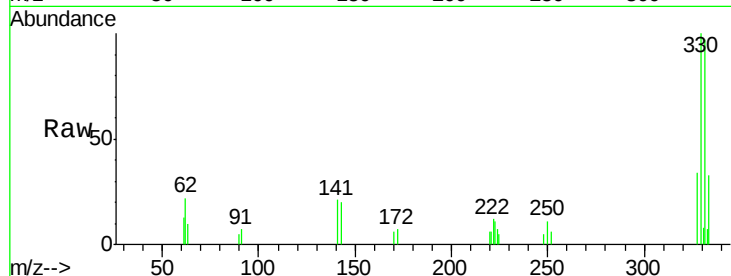




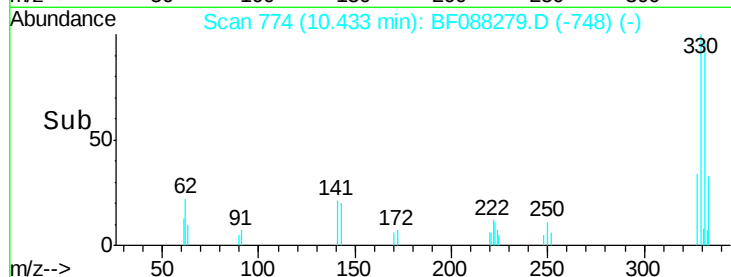
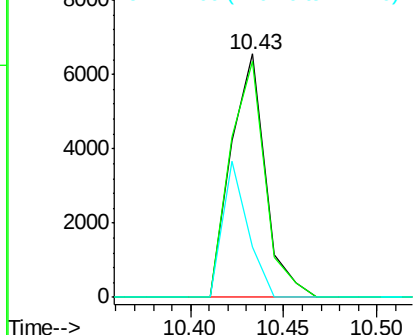
#41
 2,4,6-Tribromophenol
 Concen: 4.31 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW039-160511

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	0.0	0.0#
141	40.7	0.0	0.0#

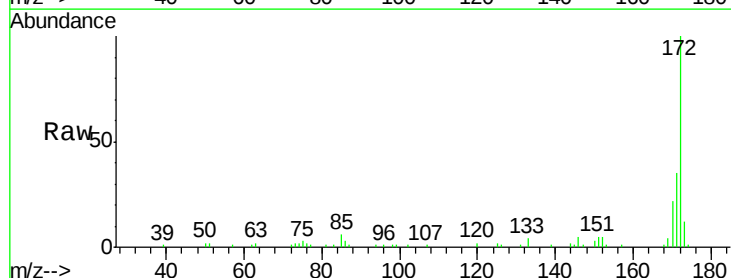


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

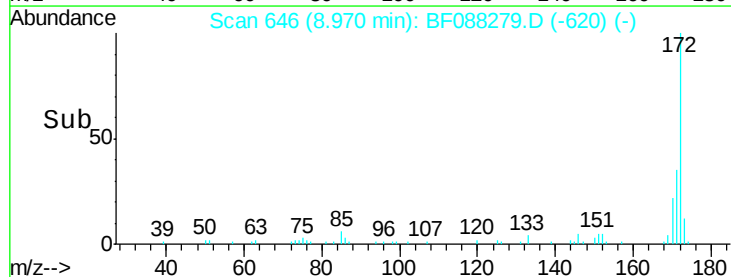
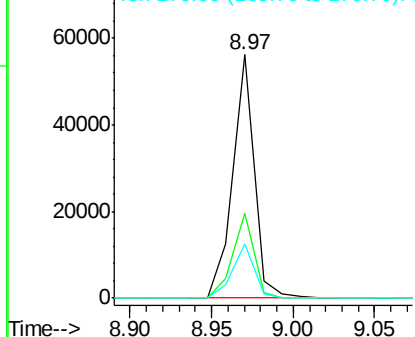


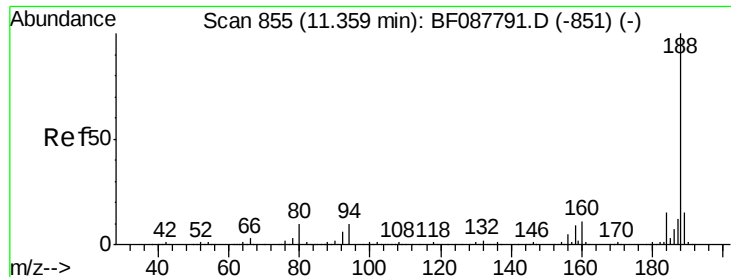
#44
 2-Fluorobiphenyl
 Concen: 3.13 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	22.5	19.2	28.8



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

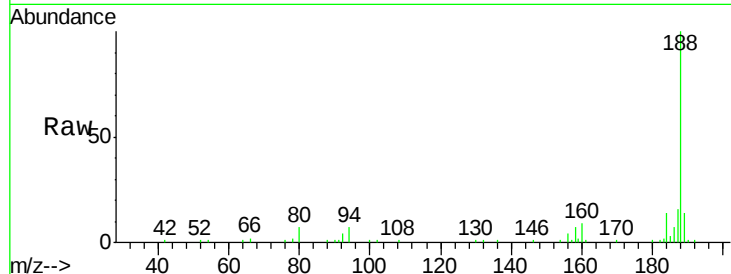




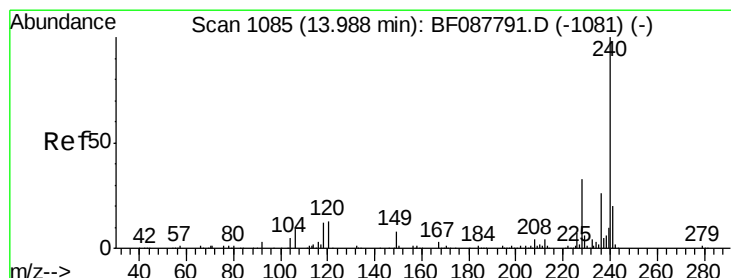
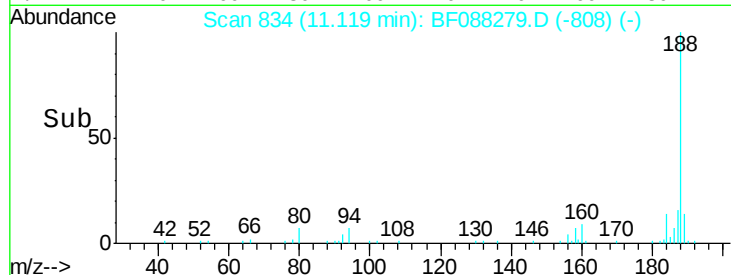
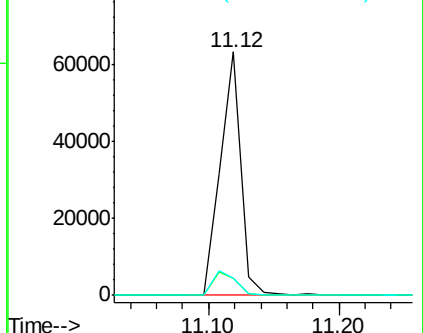
#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088279.D
Acq: 23 Jun 2016 6:59

Instrument :
BNA_F
ClientSampleId :
SS043MW039-160511

Tot Ion:188 Resp: 69403
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.6#
80 6.8 10.0 15.0#

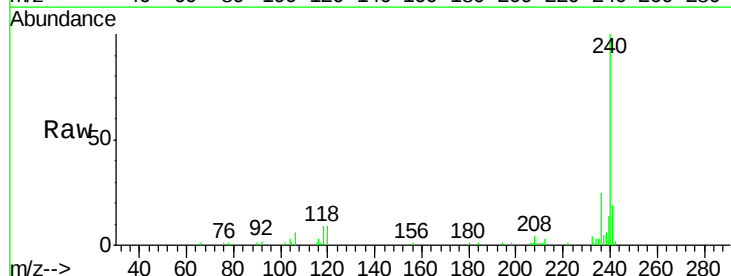


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

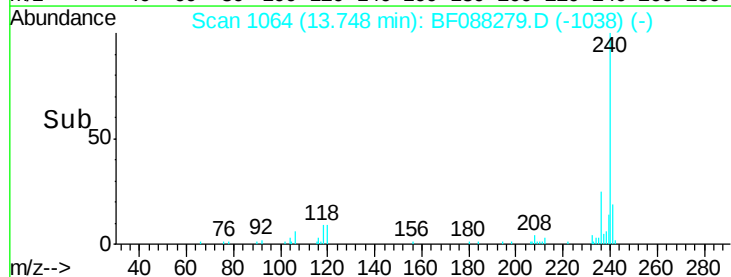
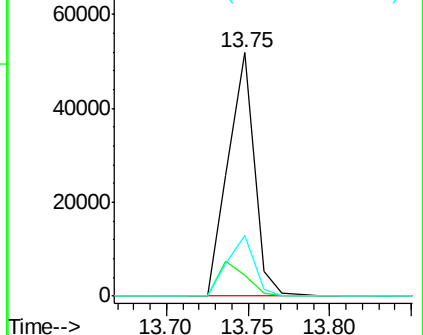


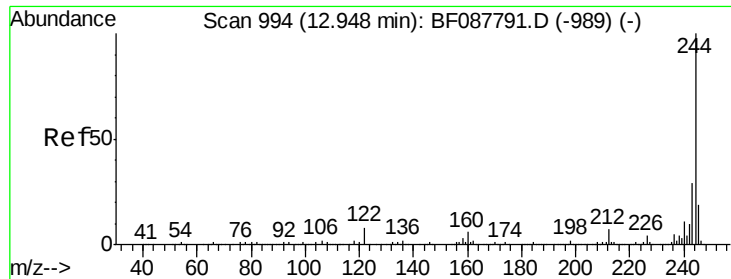
#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF088279.D
Acq: 23 Jun 2016 6:59

Tgt Ion:240 Resp: 57580
Ion Ratio Lower Upper
240 100
120 8.6 6.8 10.2
236 25.0 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

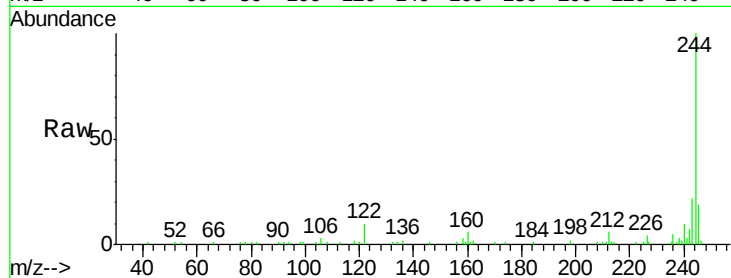




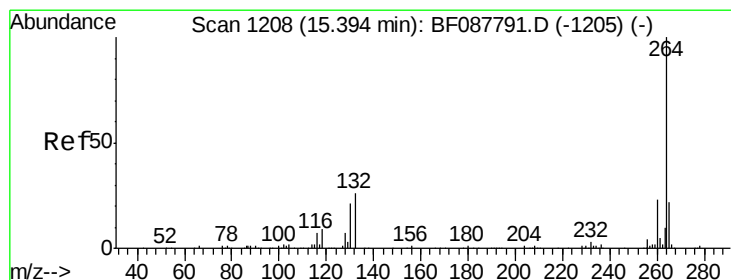
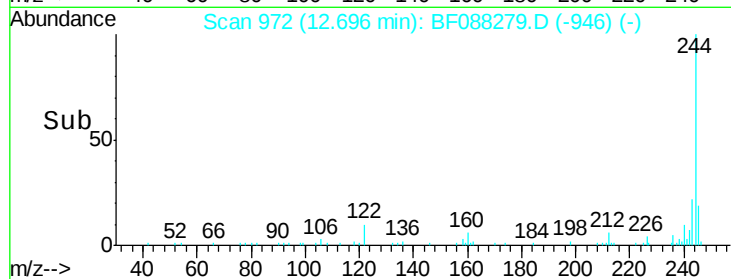
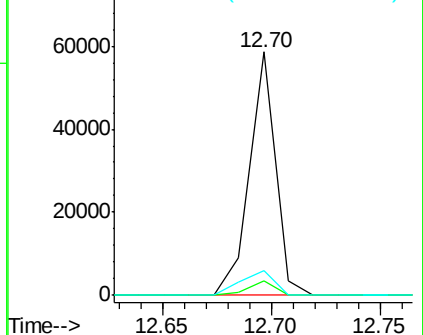
#78
 Terphenyl-d14
 Concen: 4.82 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW039-160511

Tot Ion:244 Resp: 48779
 Ion Ratio Lower Upper
 244 100
 212 6.1 6.0 9.0
 122 10.0 11.2 16.8#

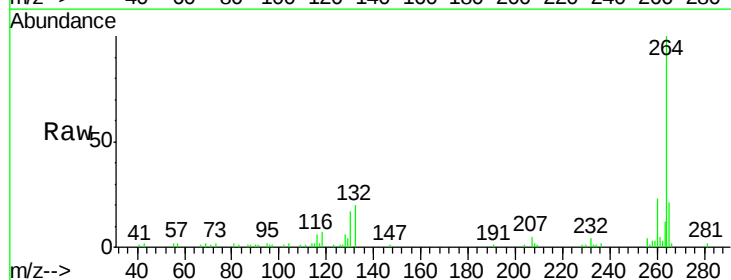


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 5.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

Tgt Ion:264 Resp: 44659
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.4 16.9 25.3



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

