

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088297.D
 Acq On : 23 Jun 2016 18:46
 Operator : UM/SJ
 Sample : H3065-11DL 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL

Quant Time: Jun 24 01:36:15 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

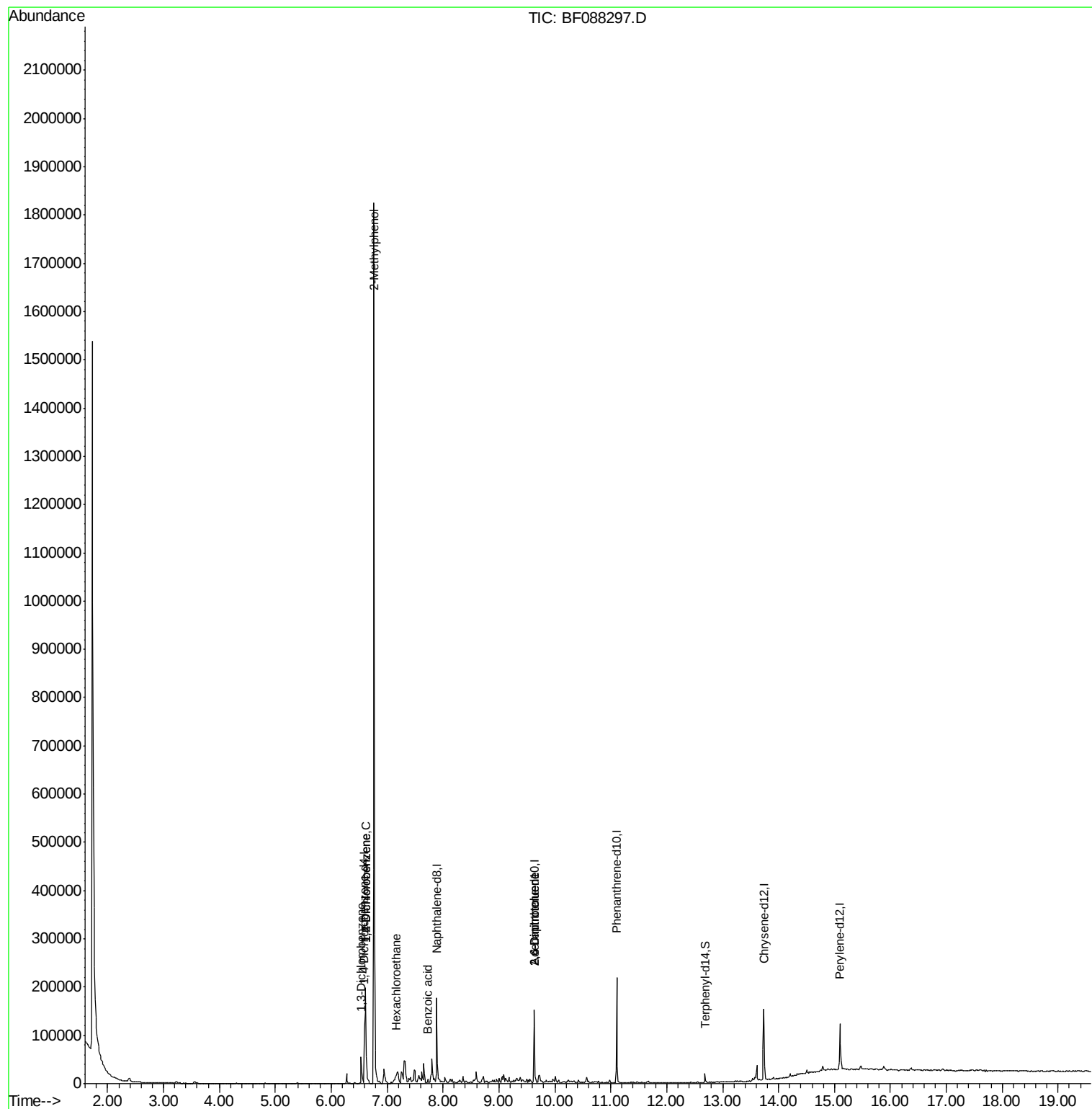
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	20919	5.00	ng	-0.01
21) Naphthalene-d8	7.88	136	86960	5.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	39926	5.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	77492	5.00	ng	-0.01
75) Chrysene-d12	13.74	240	59009	5.00	ng	-0.01
86) Perylene-d12	15.10	264	43653	5.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.20	82	1271	0.21	ng	0.02
41) 2,4,6-Tribromophenol	10.43	330	804	0.48	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	3564	-1.11	ng	-0.01
78) Terphenyl-d14	12.68	244	8892	0.86	ng	-0.01
Target Compounds						
12) 1,3-Dichlorobenzene	6.54	146	19310	3.11	ng	Qvalue 96
13) 1,4-Dichlorobenzene	6.62	146	74332	11.87	ng	97
14) 1,2-Dichlorobenzene	6.62	146	74332	13.05	ng	98
18) Hexachloroethane	7.16	117	5471	2.46	ng	# 6
45) 1,1'-Biphenyl	9.06	154	1855	Below Cal		94

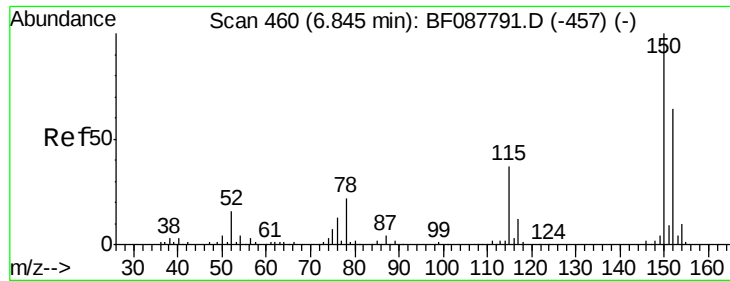
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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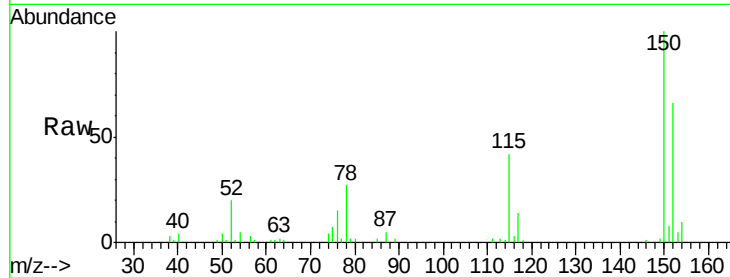


#1

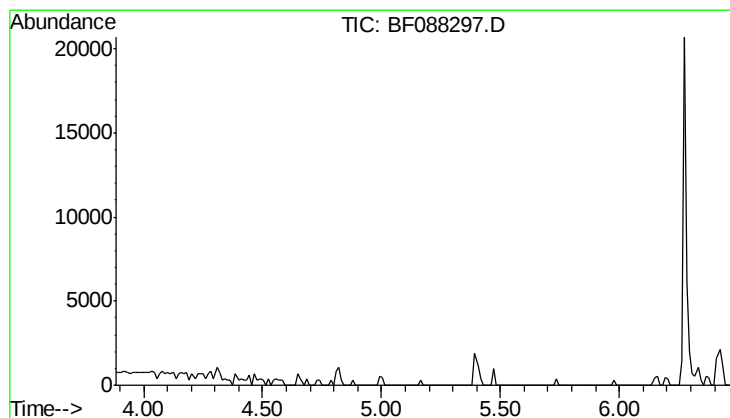
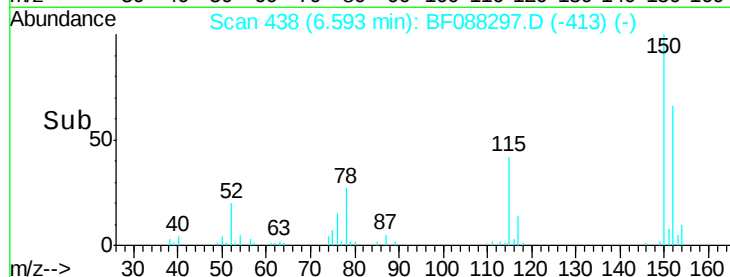
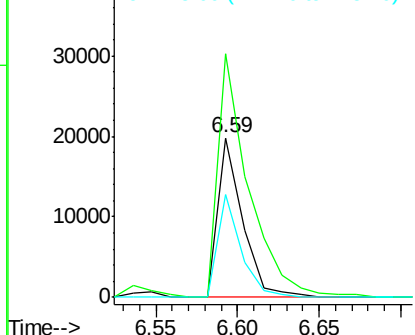
1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL

Tgt Ion:152 Resp: 20919
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.8 185.6
 115 64.1 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

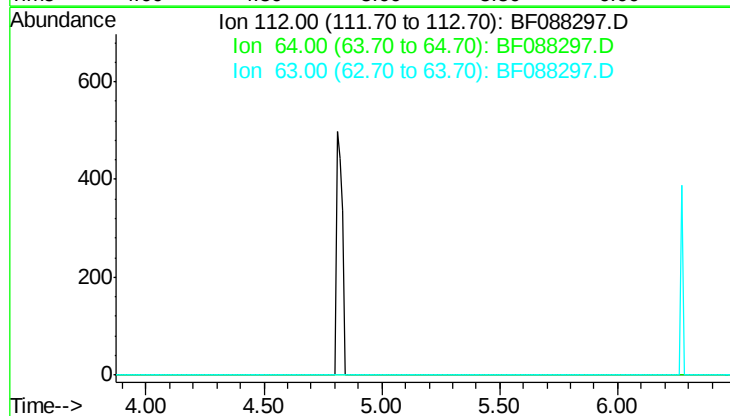


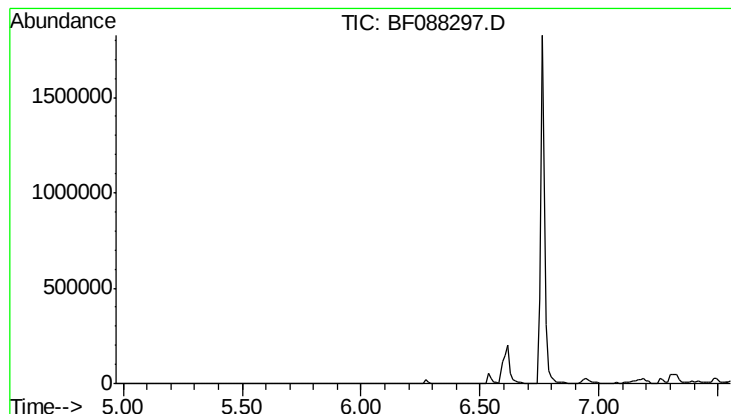
#5

2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.18 min

Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 52.7
 63 27.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.26 min

Lab File: BF088297.D

Acq: 23 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

SS043MW009-160511DL

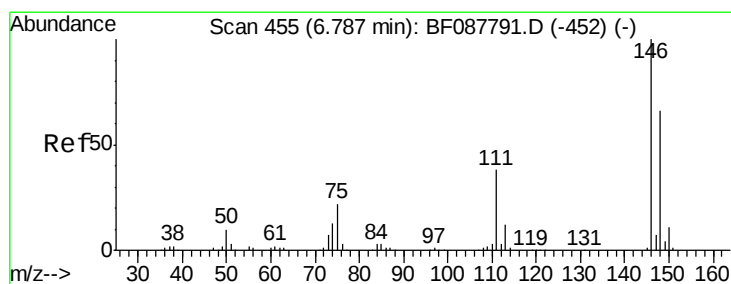
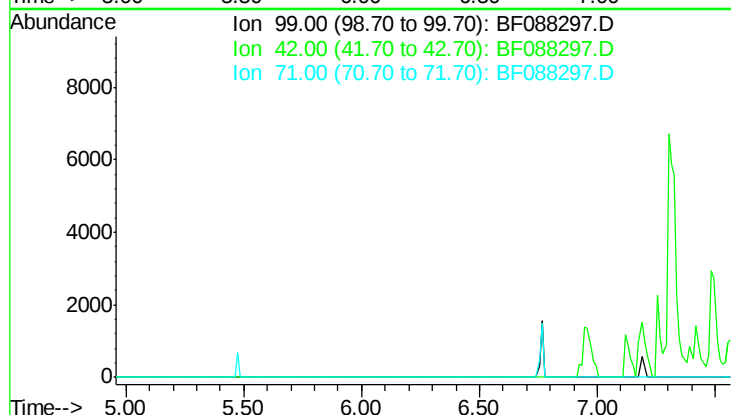
Tgt Ion: 99

Sig Exp Ratio

99 100

42 15.2

71 29.2



#12

1,3-Dichlorobenzene

Concen: 3.11 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF088297.D

Acq: 23 Jun 2016 18:46

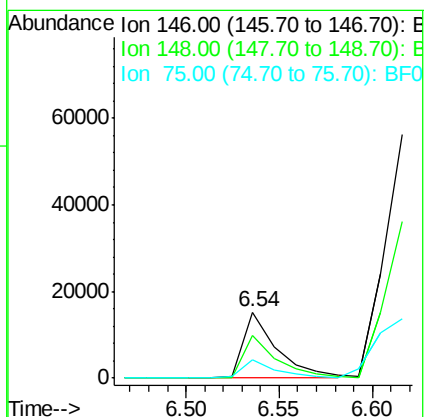
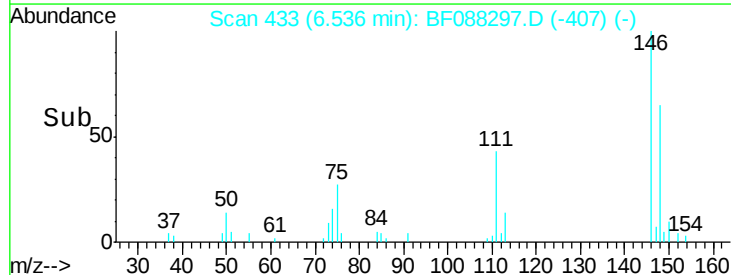
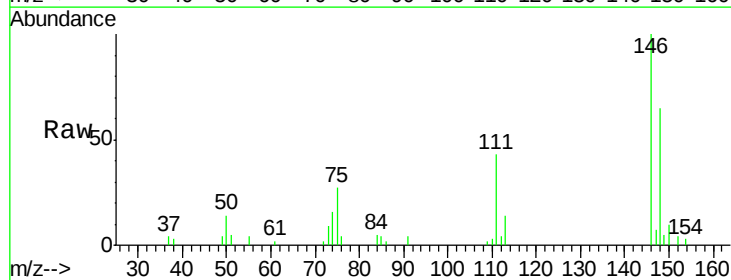
Tgt Ion:146 Resp: 19310

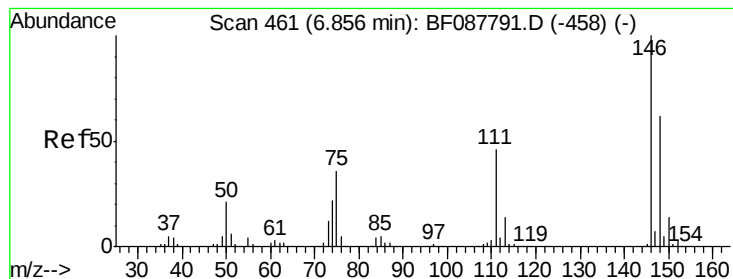
Ion Ratio Lower Upper

146 100

148 64.9 50.9 76.3

75 27.3 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 11.87 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF088297.D

Acq: 23 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

SS043MW009-160511DL

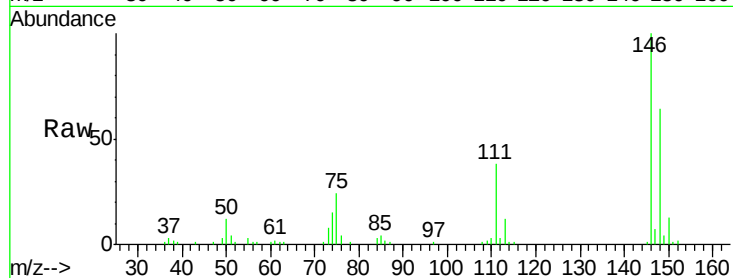
Tgt Ion:146 Resp: 74332

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

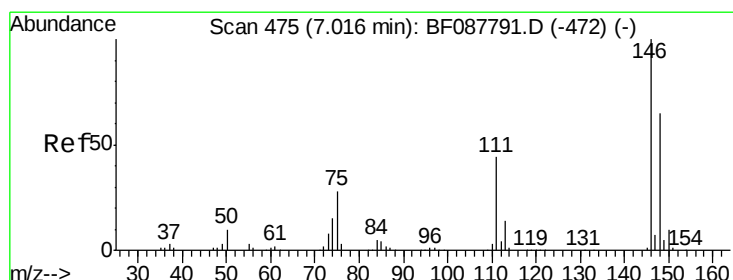
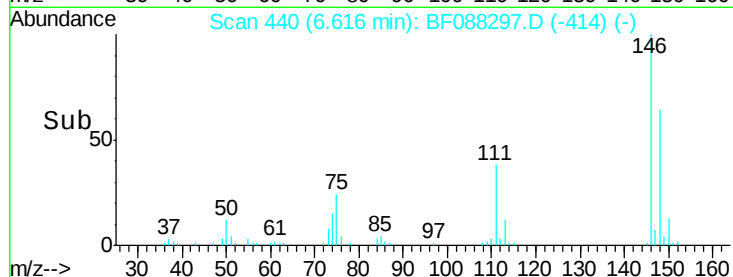
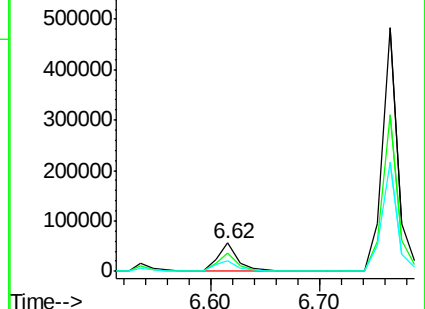
111 37.7 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 13.05 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.16 min

Lab File: BF088297.D

Acq: 23 Jun 2016 18:46

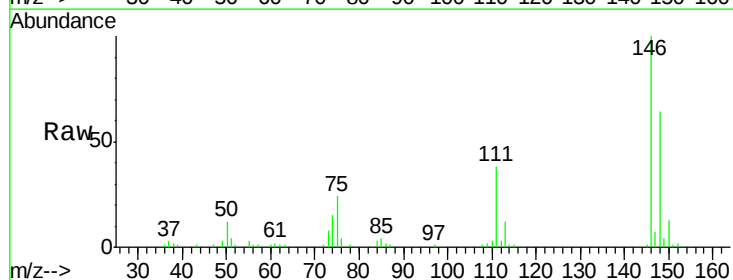
Tgt Ion:146 Resp: 74332

Ion Ratio Lower Upper

146 100

148 64.3 52.3 78.5

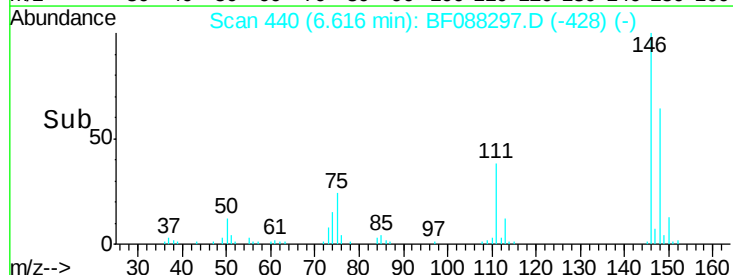
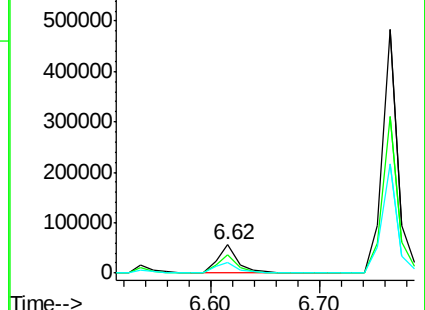
111 37.7 28.7 43.1

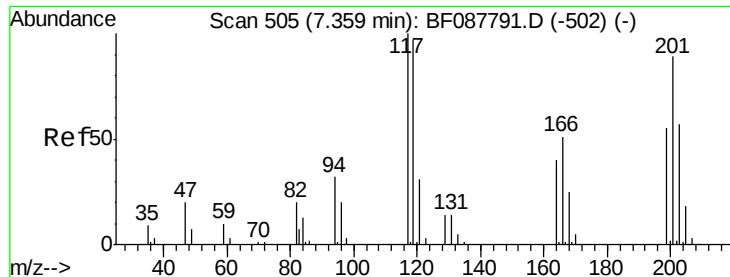


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

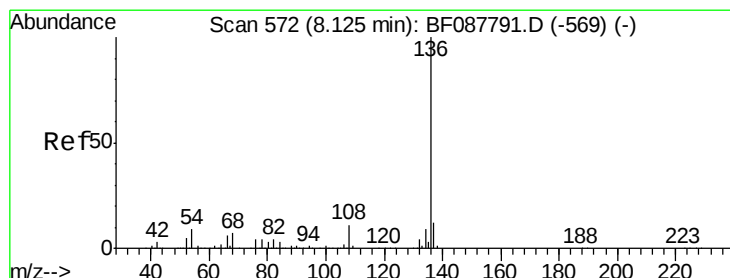
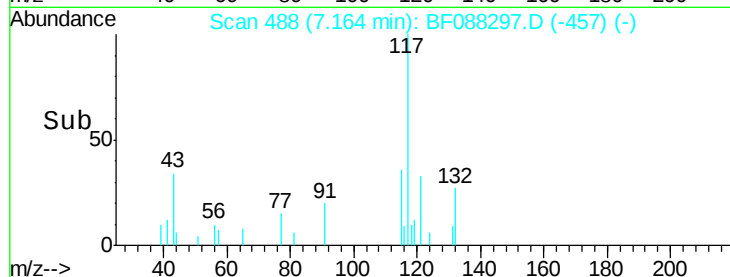
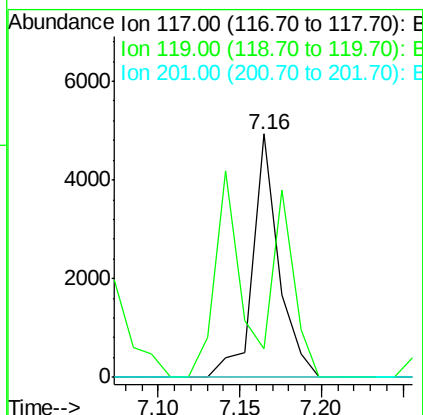
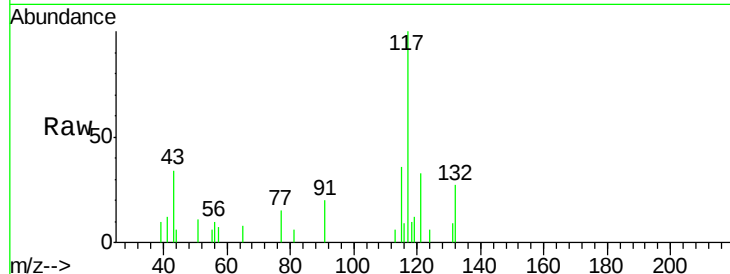




#18
Hexachloroethane
Concen: 2.46 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.06 min
Lab File: BF088297.D
Acq: 23 Jun 2016 18:46

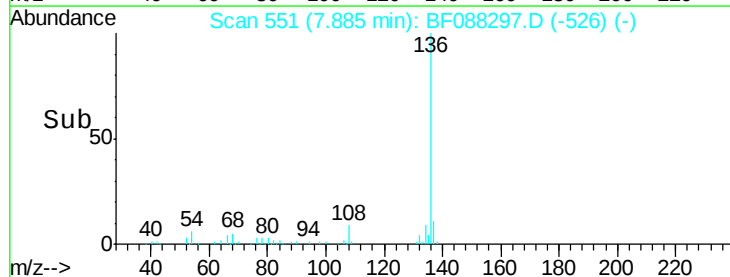
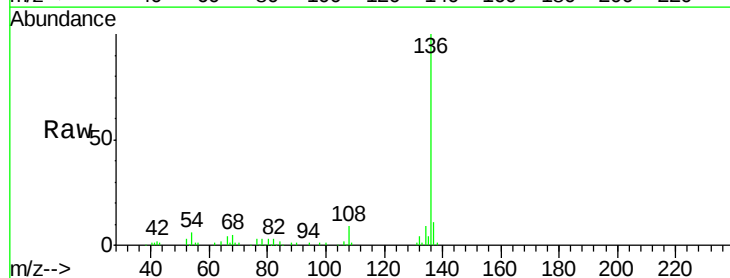
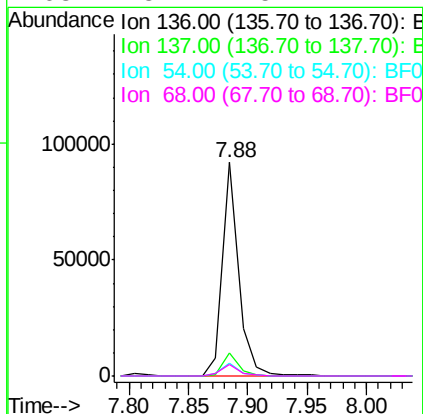
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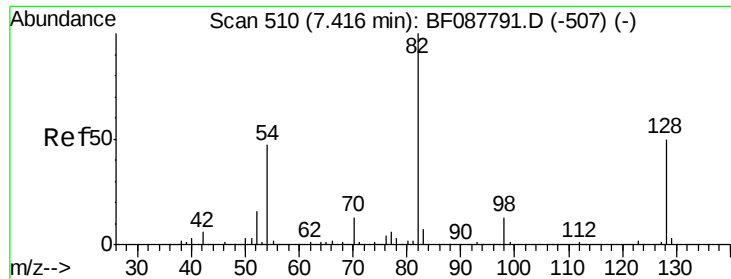
Tgt Ion:117 Resp: 5471
Ion Ratio Lower Upper
117 100
119 11.7 77.4 116.2#
201 0.0 80.4 120.6#



#21
Naphthalene-d8
Concen: 5.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088297.D
Acq: 23 Jun 2016 18:46

Tgt Ion:136 Resp: 86960
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.2 6.6 10.0#
68 5.2 5.1 7.7

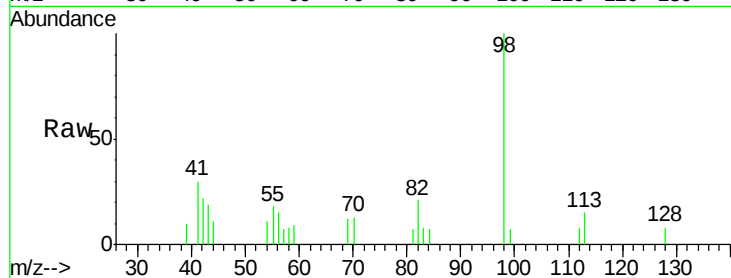




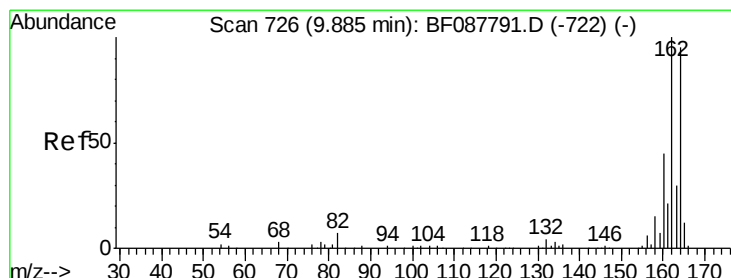
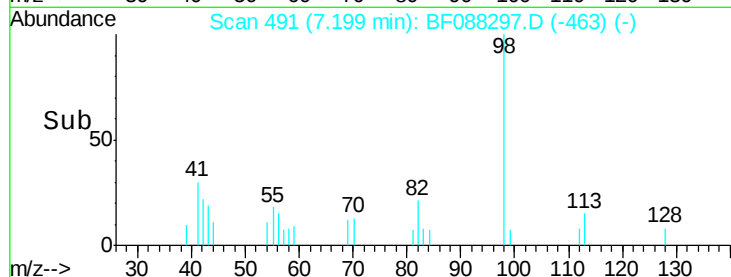
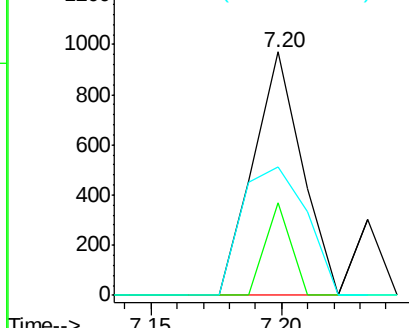
#23
 Nitrobenzene-d5
 Concen: 0.21 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.02 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL

Tgt Ion: 82 Resp: 1271
 Ion Ratio Lower Upper
 82 100
 128 38.1 35.9 53.9
 54 52.9 40.9 61.3

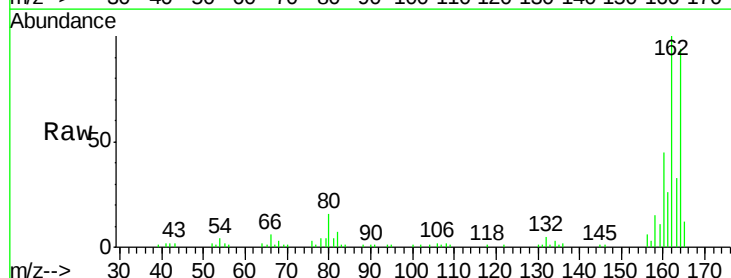


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

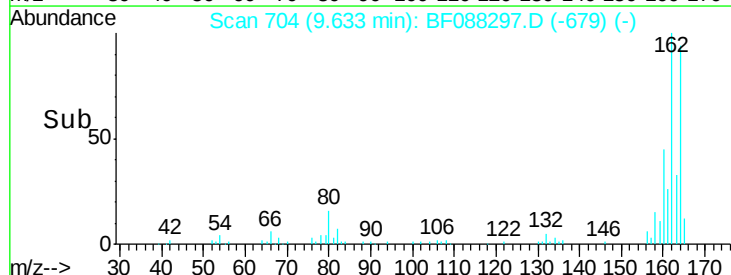
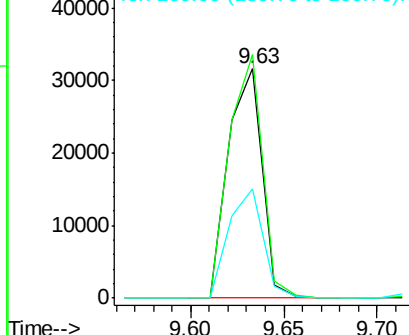


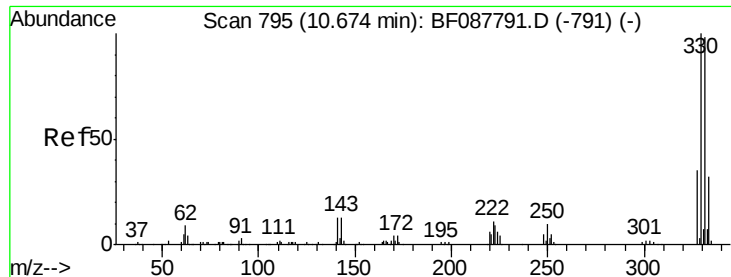
#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Tgt Ion: 164 Resp: 39926
 Ion Ratio Lower Upper
 164 100
 162 106.4 85.4 128.2
 160 47.8 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

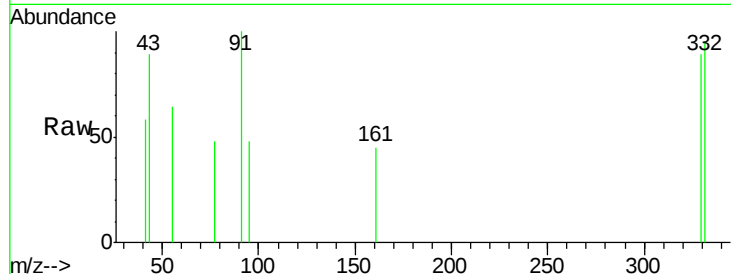




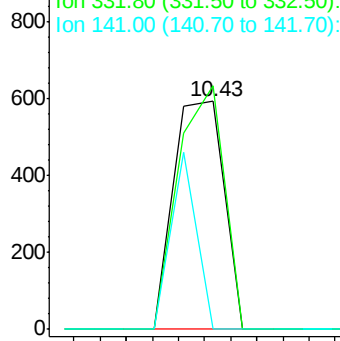
#41
 2,4,6-Tribromophenol
 Concen: 0.48 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL

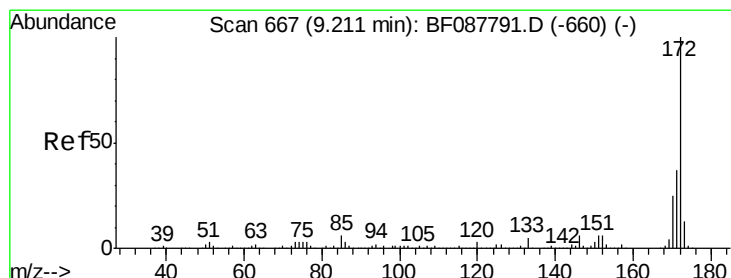
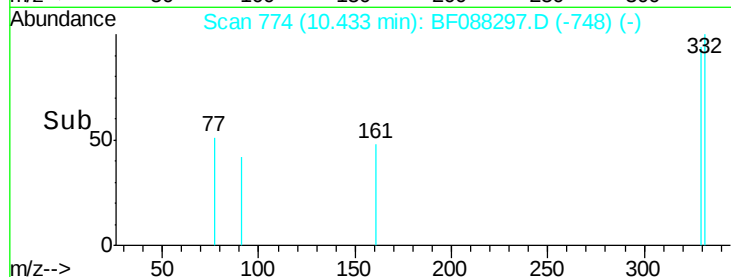
Tgt Ion:330 Resp: 804
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 39.3 0.0 0.0#



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

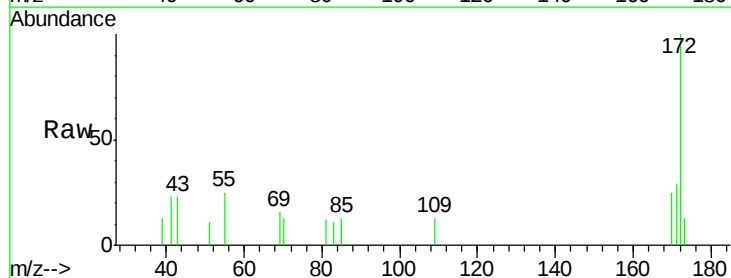


Time-->

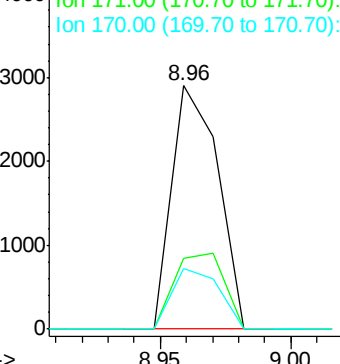


#44
 2-Fluorobiphenyl
 Concen: -1.11 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

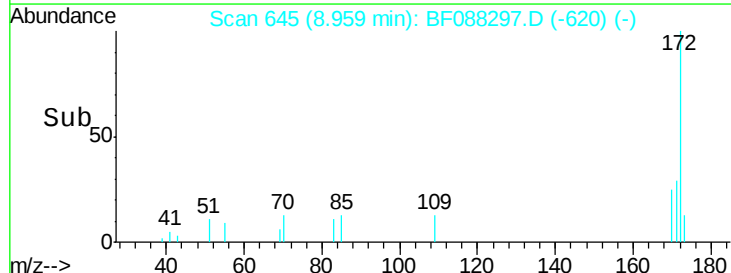
Tgt Ion:172 Resp: 3564
 Ion Ratio Lower Upper
 172 100
 171 29.3 28.6 43.0
 170 24.7 19.2 28.8

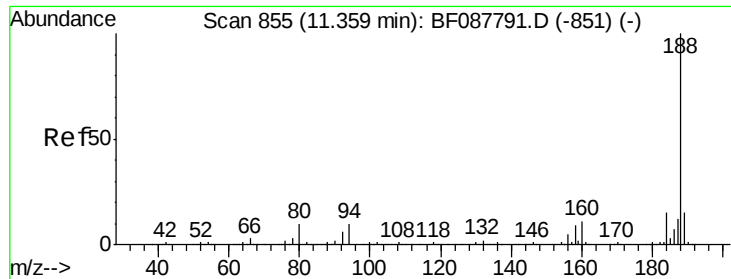


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->

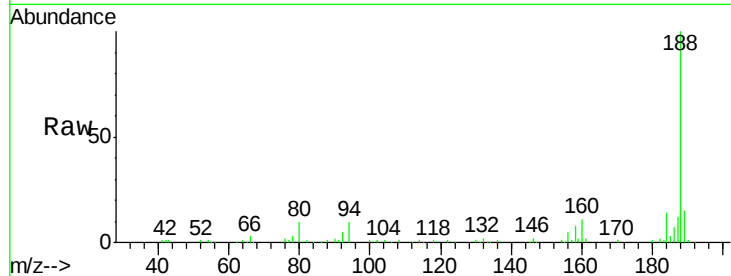




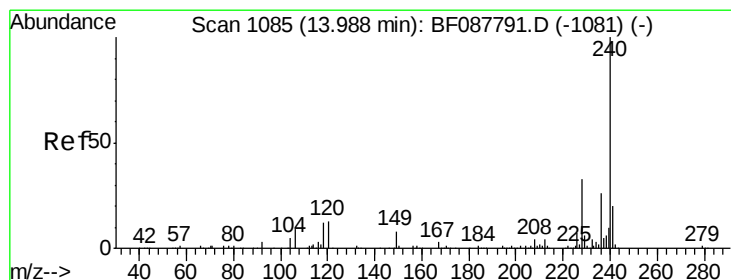
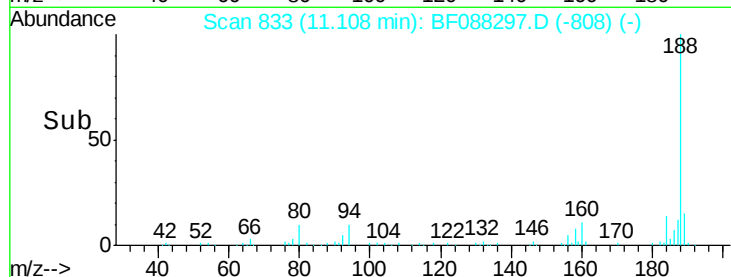
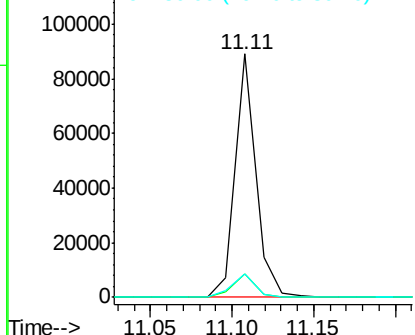
#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF088297.D
Acq: 23 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
SS043MW009-160511DL

Tgt Ion:188 Resp: 77492
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.6
80 9.7 10.0 15.0#

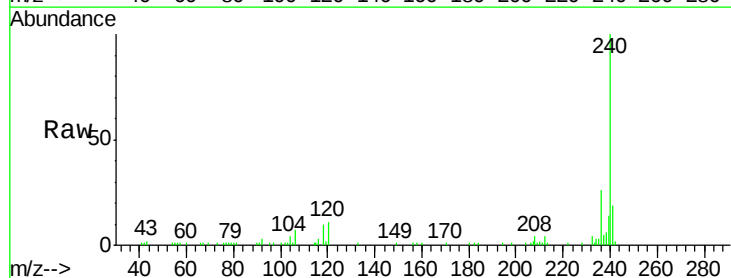


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

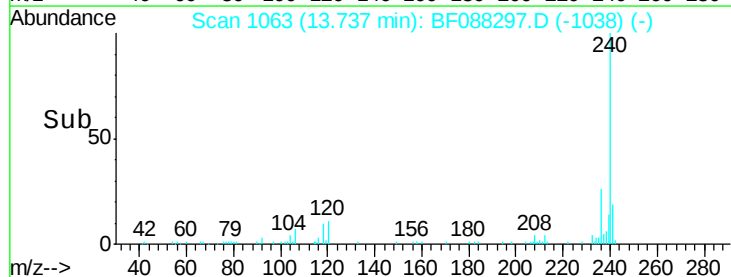
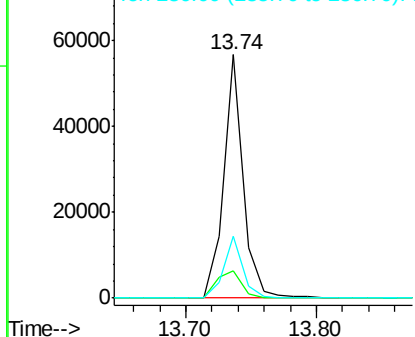


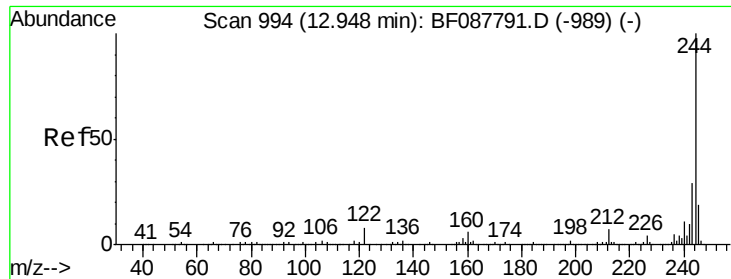
#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF088297.D
Acq: 23 Jun 2016 18:46

Tgt Ion:240 Resp: 59009
Ion Ratio Lower Upper
240 100
120 11.0 6.8 10.2#
236 25.5 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

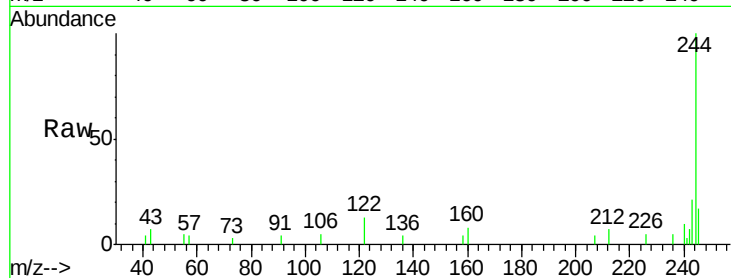




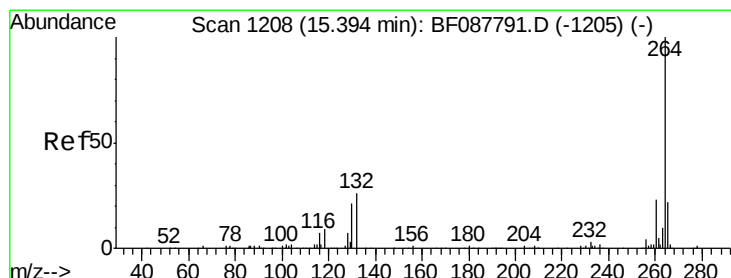
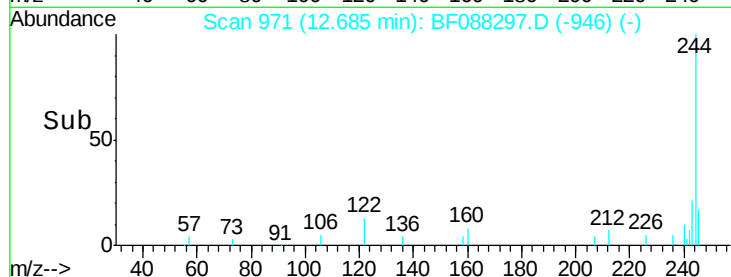
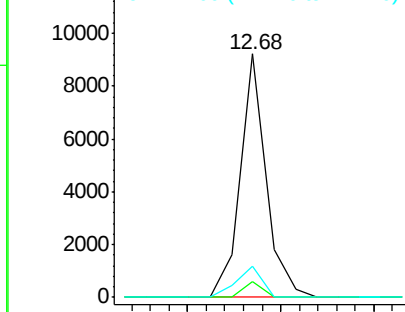
#78
 Terphenyl-d14
 Concen: 0.86 ng
 RT: 12.68 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL

Tgt Ion:244 Resp: 8892
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 12.6 11.2 16.8

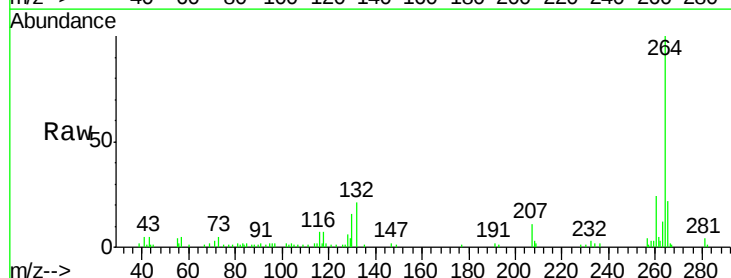


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 5.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Tgt Ion:264 Resp: 43653
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.4 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

