

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
 Data File : BF087880.D
 Acq On : 10 Jun 2016 17:54
 Operator : UM/SJ
 Sample : H3385-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0980

Quant Time: Jun 10 19:08:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

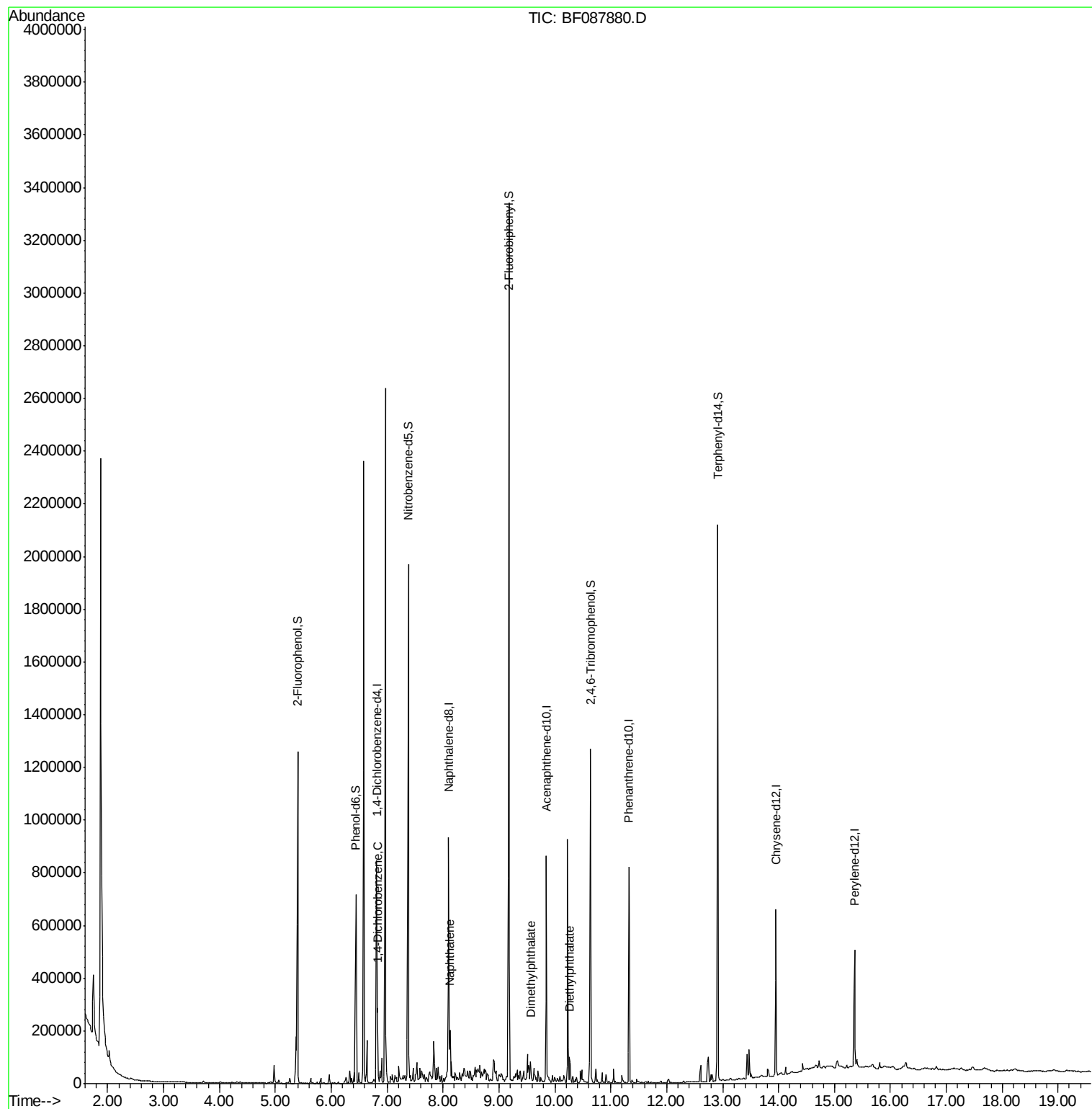
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	112496	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	444109	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	171921	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	271834	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	250531	20.00	ng	-0.03
86) Perylene-d12	15.36	264	204230	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	390070	59.28	ng	-0.02
7) Phenol-d6	6.44	99	302047	37.87	ng	-0.03
23) Nitrobenzene-d5	7.38	82	704865	92.68	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	217285	119.70	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1050426	96.75	ng	-0.03
78) Terphenyl-d14	12.91	244	826217	75.04	ng	-0.03
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	6.83	146	80531	9.57	ng	95
31) Naphthalene	8.12	128	78815	3.59	ng	97
49) Dimethylphthalate	9.56	163	26507	2.13	ng	100
59) Diethylphthalate	10.26	149	46497	3.69	ng	96

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

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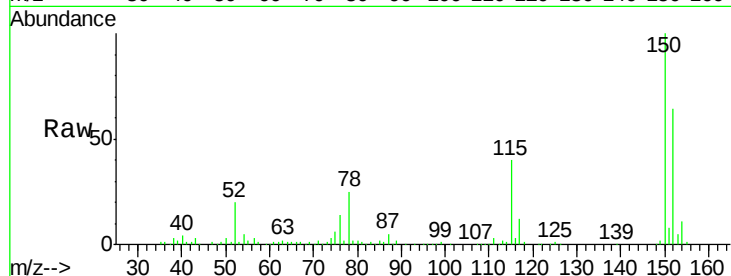


#1

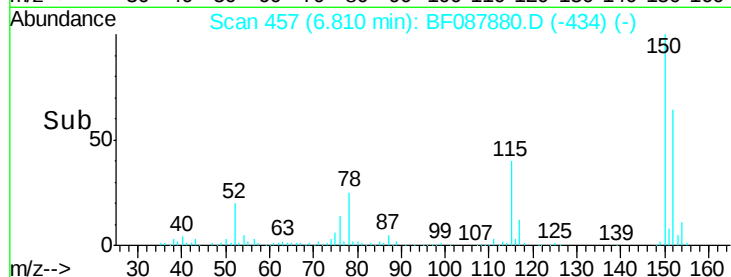
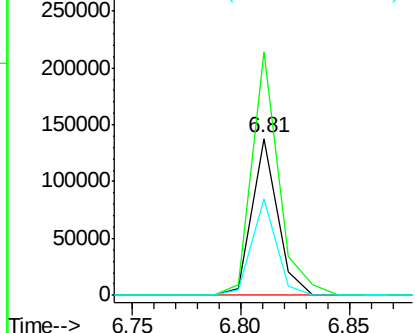
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF087880.D
 Acq: 10 Jun 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0980

Tot Ion:152 Resp: 112496
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.8 185.6
 115 61.6 39.6 59.4#



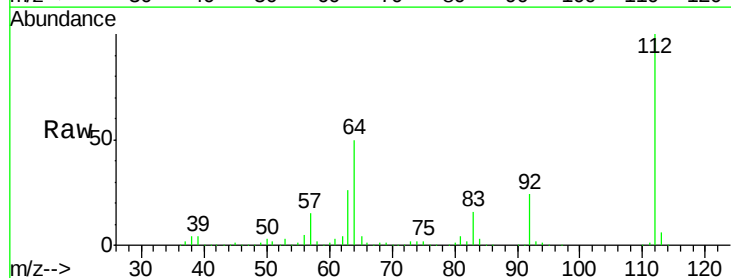
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



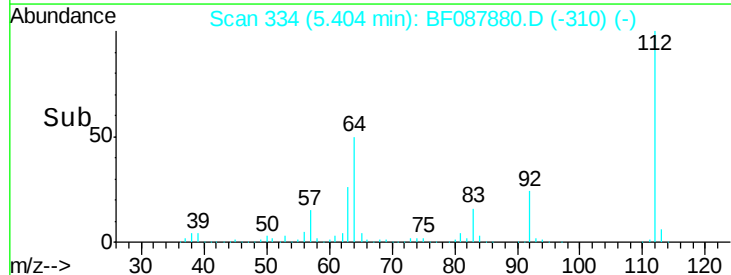
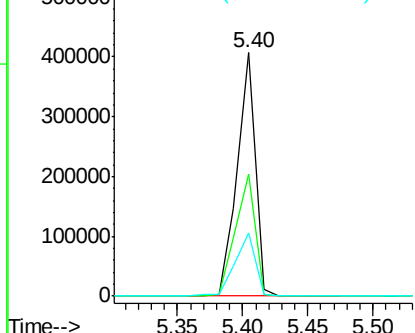
#5

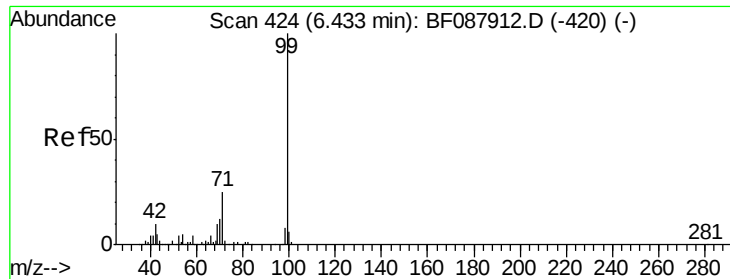
2-Fluorophenol
 Concen: 59.28 ng
 RT: 5.40 min Scan# 334
 Delta R.T. -0.02 min
 Lab File: BF087880.D
 Acq: 10 Jun 2016 17:54

Tgt Ion:112 Resp: 390070
 Ion Ratio Lower Upper
 112 100
 64 50.3 42.2 63.2
 63 25.9 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: 37.87 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087880.D

Acq: 10 Jun 2016 17:54

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0980

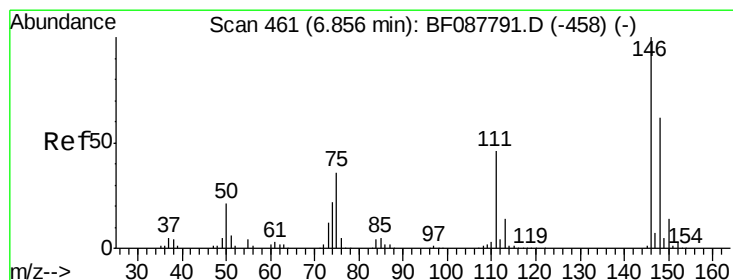
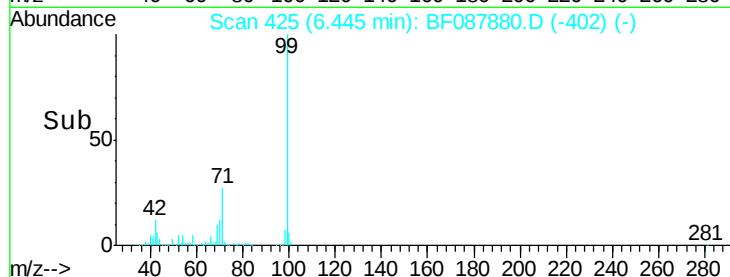
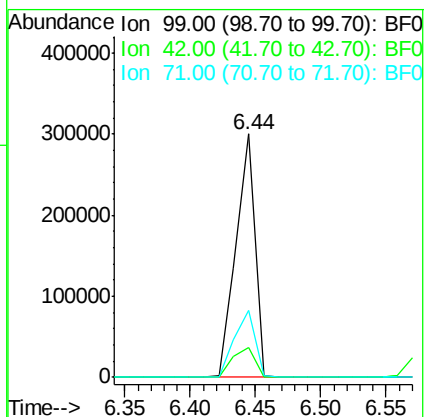
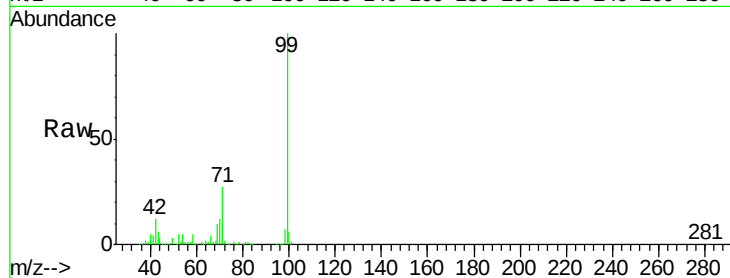
Tot Ion: 99 Resp: 302047

Ion Ratio Lower Upper

99 100

42 12.3 12.2 18.2

71 27.3 23.4 35.0



#13

1,4-Dichlorobenzene

Concen: 9.57 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF087880.D

Acq: 10 Jun 2016 17:54

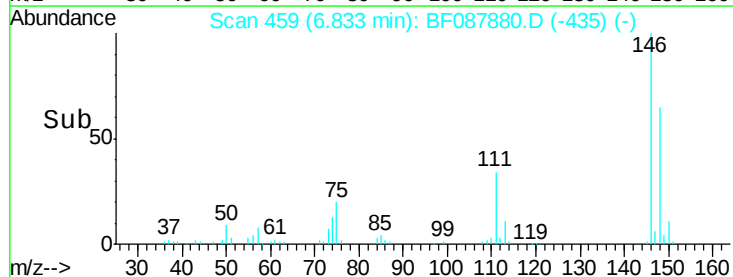
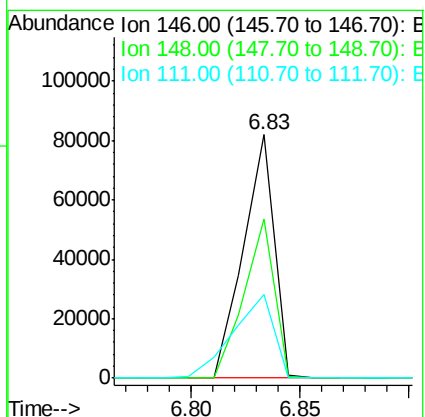
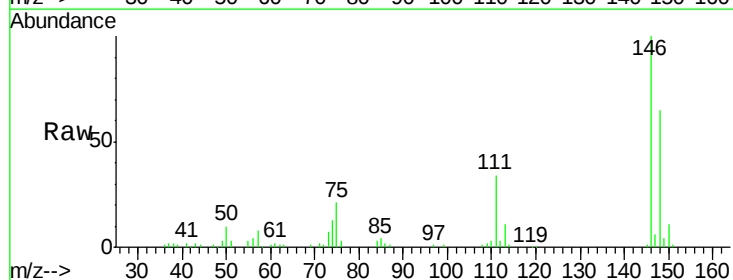
Tgt Ion: 146 Resp: 80531

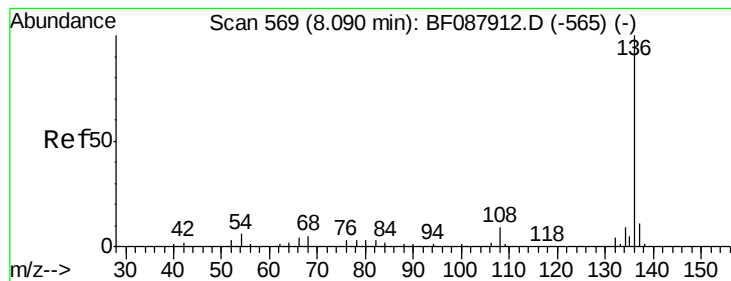
Ion Ratio Lower Upper

146 100

148 65.5 52.0 78.0

111 34.5 33.8 50.8

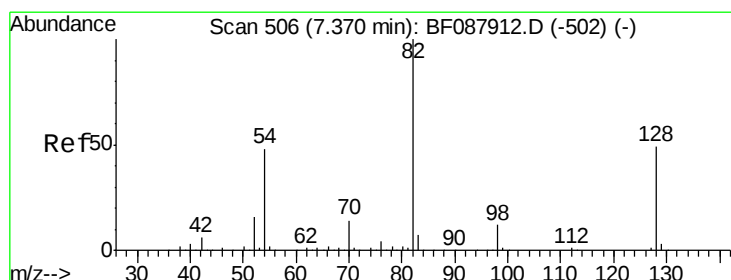
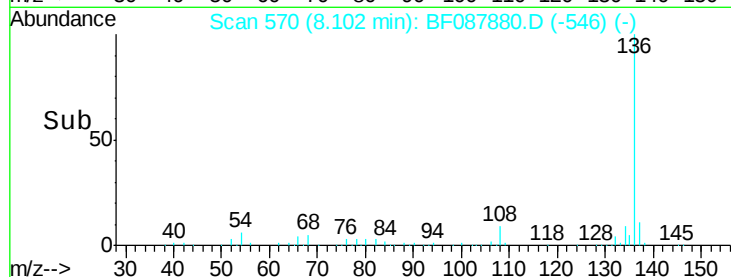
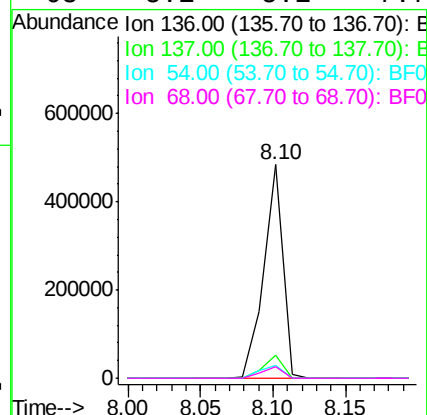
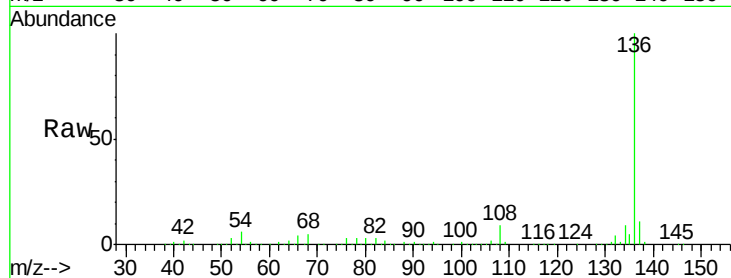




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

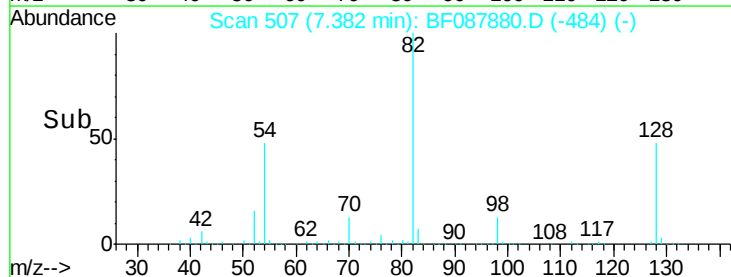
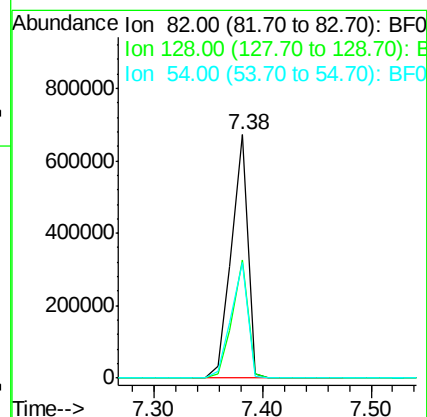
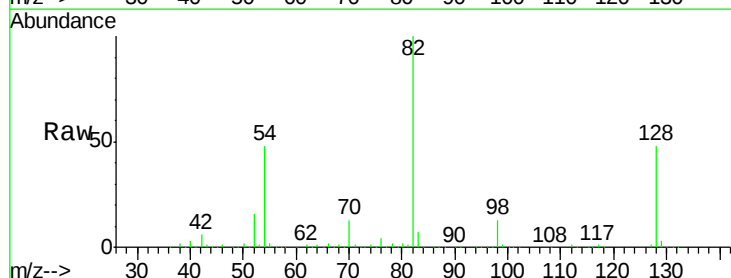
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

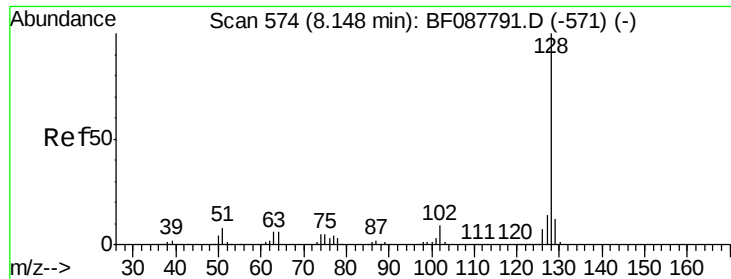
Tot Ion:136	Resp:	444109
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	6.0	6.6 10.0#
68	5.1	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 92.68 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion: 82	Resp:	704865
Ion Ratio	Lower	Upper
82	100	
128	48.5	35.9 53.9
54	47.6	40.9 61.3

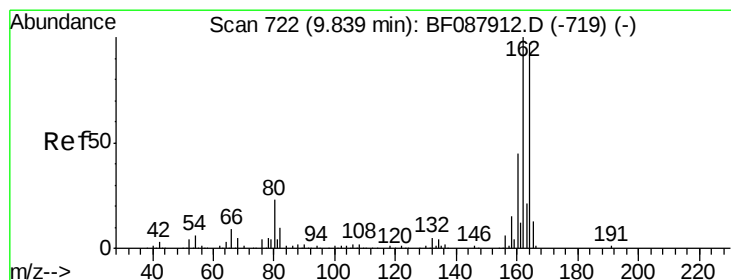
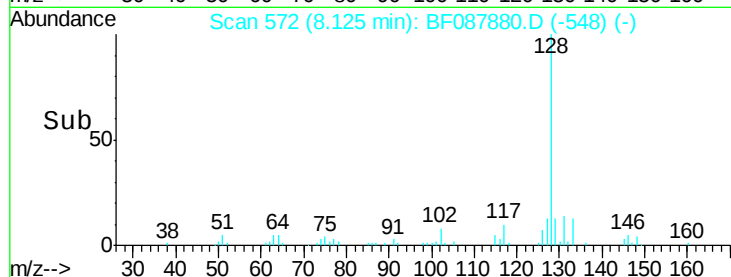
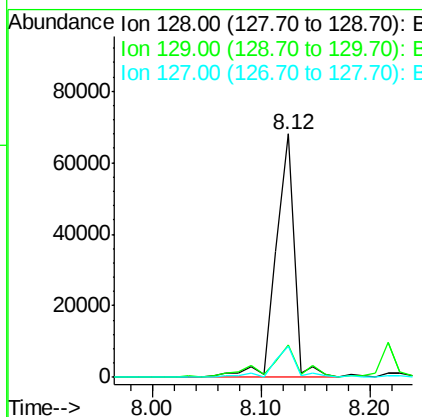
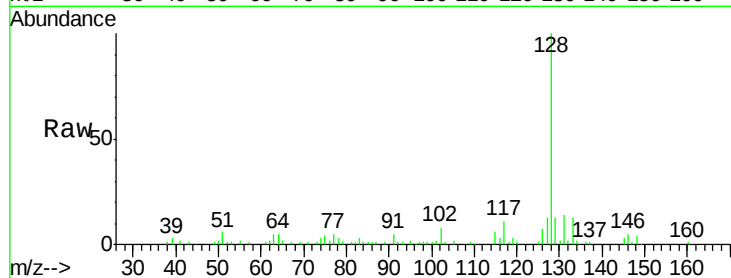




#31
Naphthalene
Concen: 3.59 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

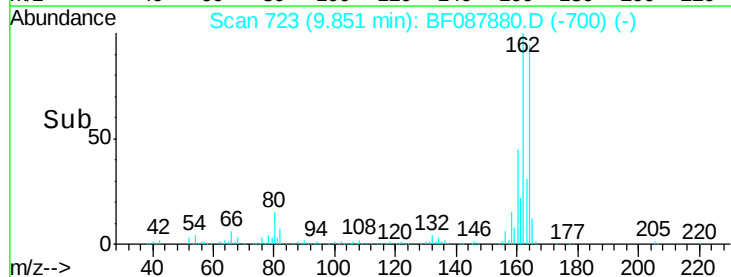
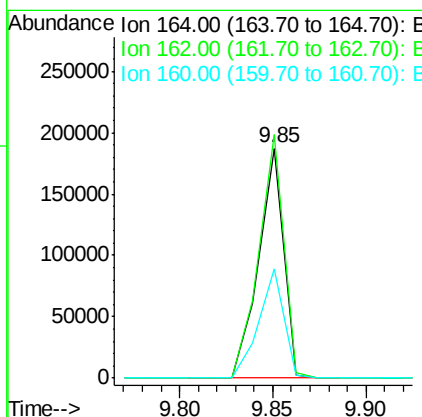
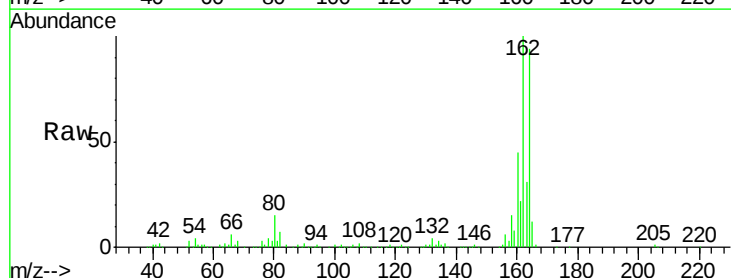
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

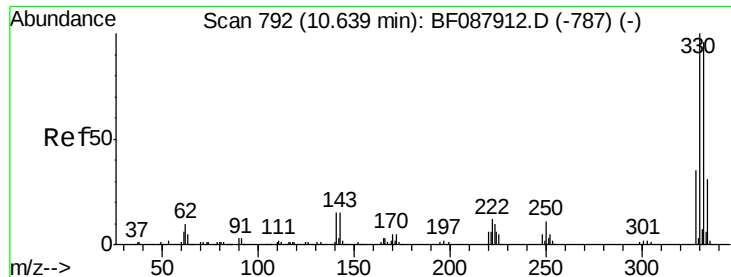
Tot Ion:128 Resp: 78815
Ion Ratio Lower Upper
128 100
129 13.2 9.4 14.2
127 12.9 10.9 16.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:164 Resp: 171921
Ion Ratio Lower Upper
164 100
162 106.1 85.4 128.2
160 47.5 39.5 59.3

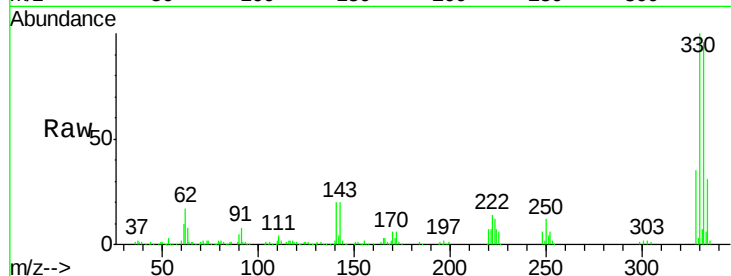




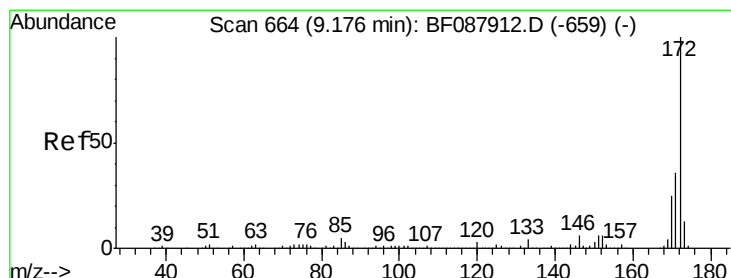
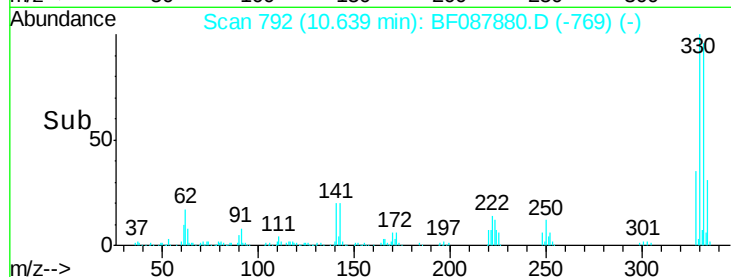
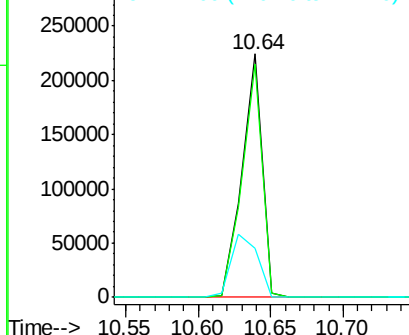
#41
 2,4,6-Tribromophenol
 Concen: 119.70 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087880.D
 Acq: 10 Jun 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0980

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	34.2	0.0	0.0#

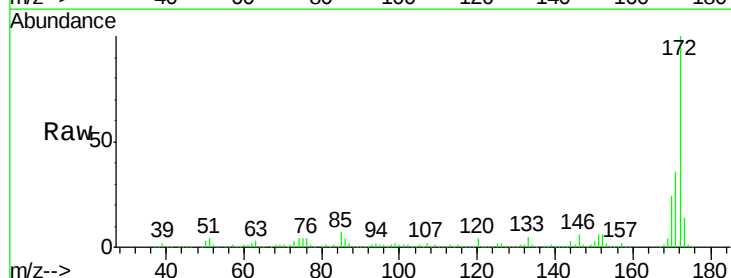


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

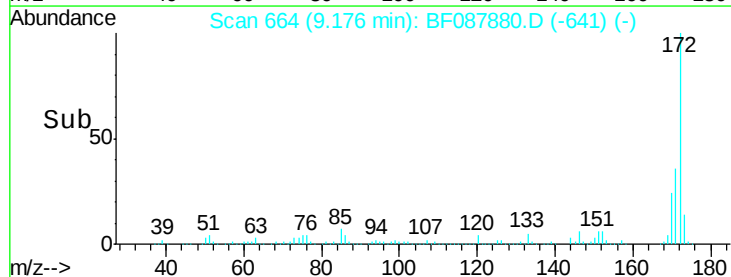
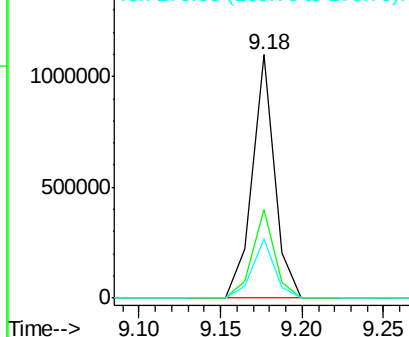


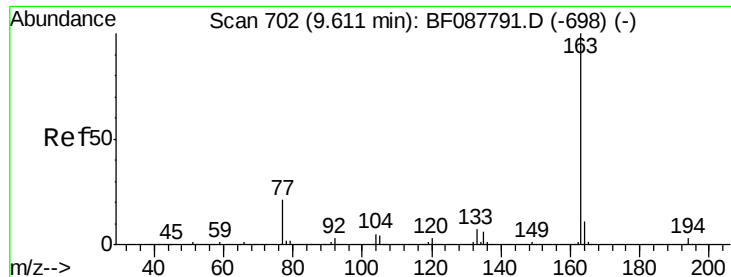
#44
 2-Fluorobiphenyl
 Concen: 96.75 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087880.D
 Acq: 10 Jun 2016 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.4	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





#49

Dimethylphthalate

Concen: 2.13 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF087880.D

Acq: 10 Jun 2016 17:54

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0980

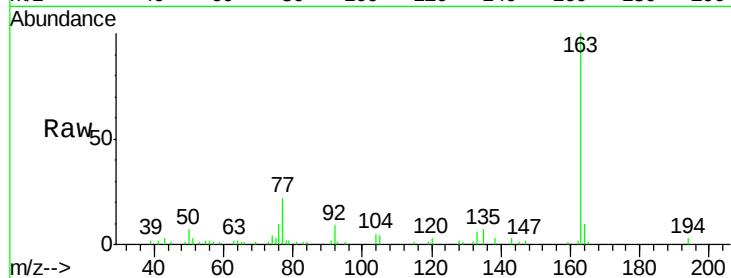
Tot Ion:163 Resp: 26507

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

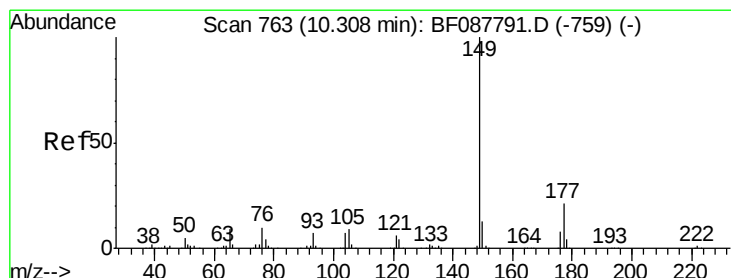
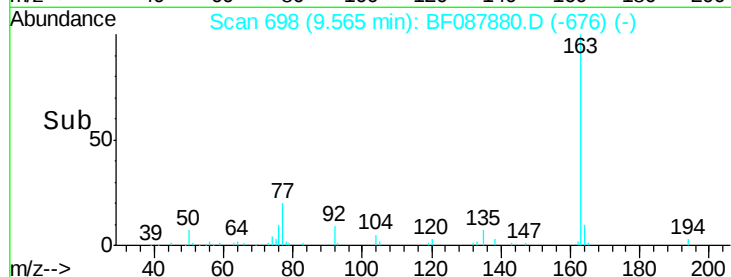
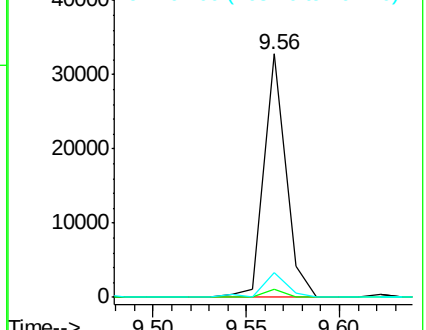
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#59

Diethylphthalate

Concen: 3.69 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF087880.D

Acq: 10 Jun 2016 17:54

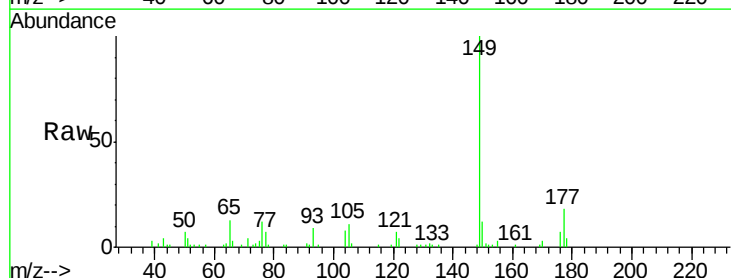
Tgt Ion:149 Resp: 46497

Ion Ratio Lower Upper

149 100

177 18.3 16.9 25.3

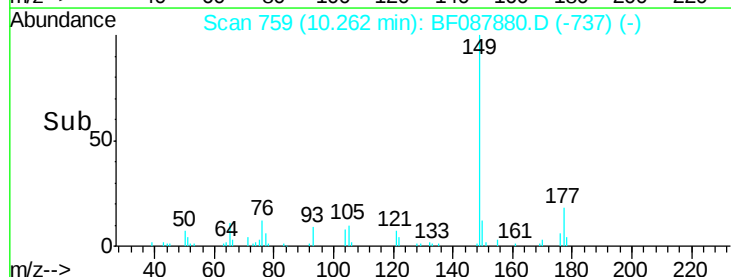
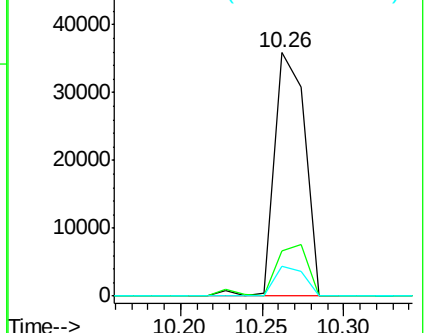
150 12.4 10.1 15.1

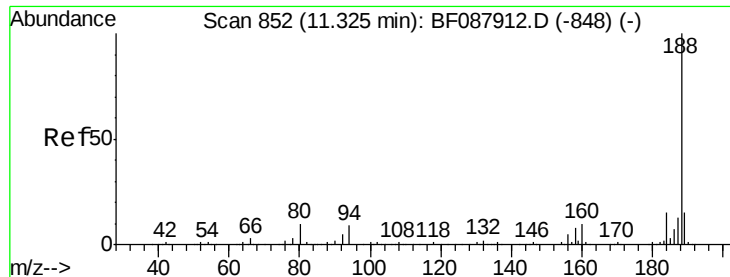


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

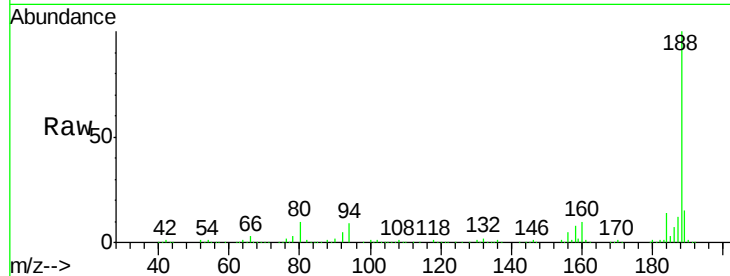




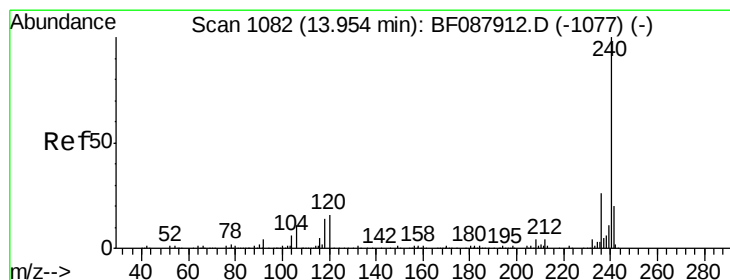
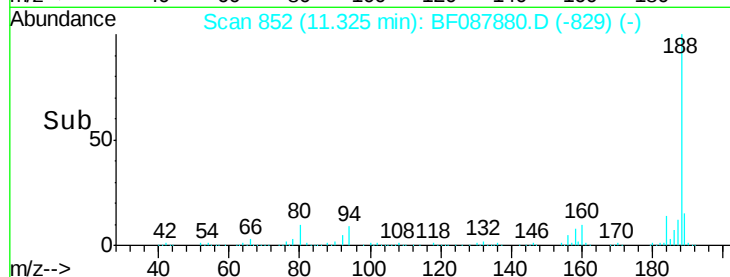
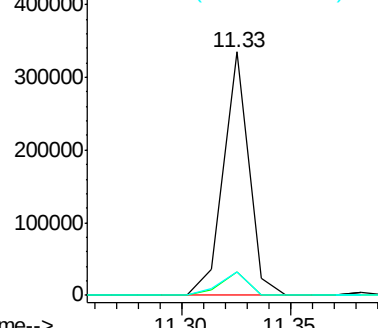
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tot Ion:188 Resp: 271834
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.6
80 9.8 10.0 15.0#

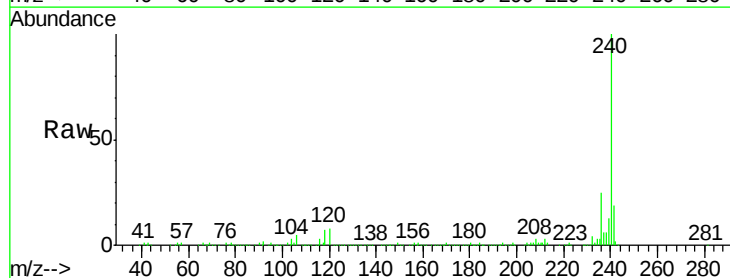


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

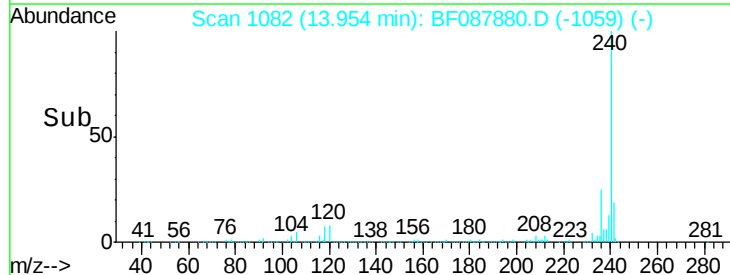
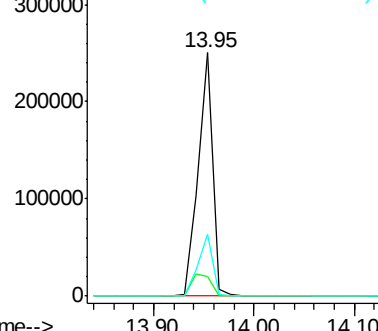


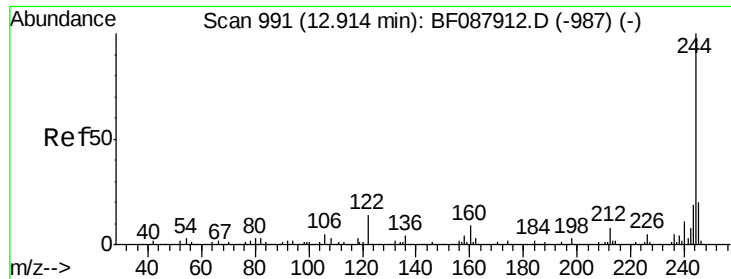
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:240 Resp: 250531
Ion Ratio Lower Upper
240 100
120 8.3 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

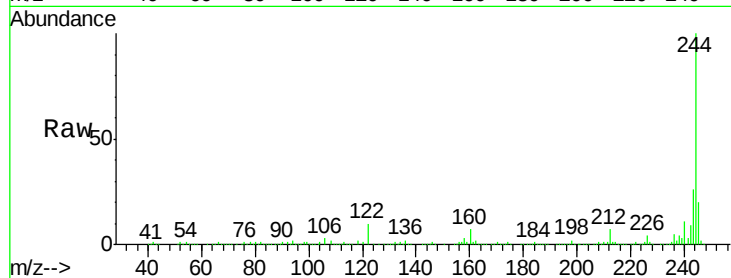




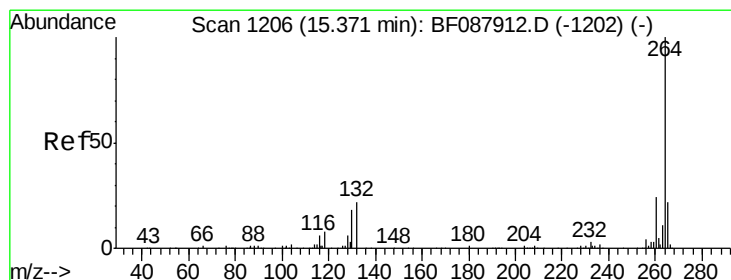
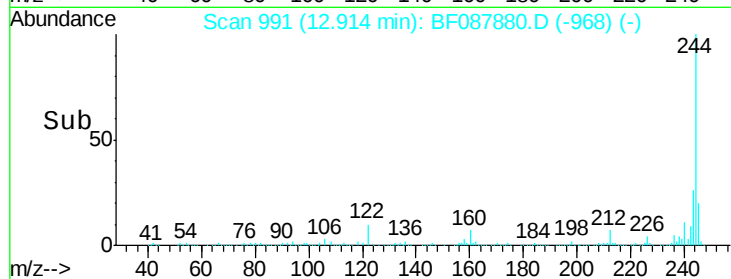
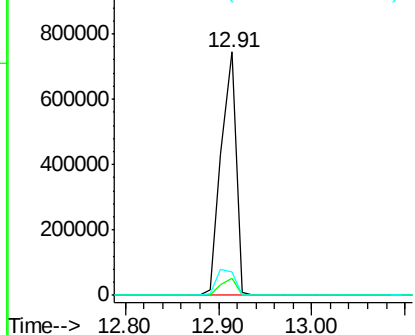
#78
 Terphenyl-d14
 Concen: 75.04 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087880.D
 Acq: 10 Jun 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0980

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.7	11.2	16.8#

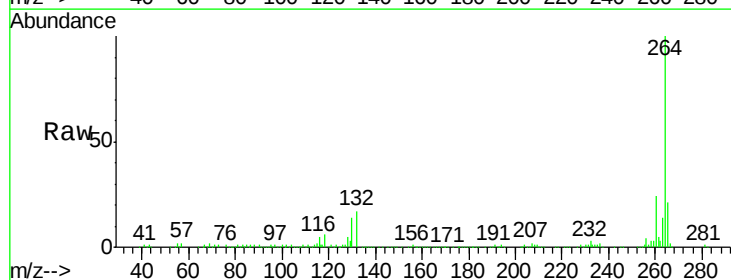


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF087880.D
 Acq: 10 Jun 2016 17:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	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

