

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087780.D
 Acq On : 7 Jun 2016 7:29
 Operator : UM/SJ
 Sample : H3349-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Manual Integrations
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Quant Time: Jun 07 13:55:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	101186	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	387739	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	152189	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	241249	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	197839	20.00	ng	-0.02
86) Perylene-d12	15.43	264	141689	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	344750	55.07	ng	-0.01
7) Phenol-d6	6.48	99	315528	40.19	ng	-0.01
23) Nitrobenzene-d5	7.42	82	541461	80.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	206560	135.21	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1043214	123.46	ng	-0.01
78) Terphenyl-d14	12.96	244	665327	82.06	ng	-0.01
Target Compounds						
27) 2,4-Dimethylphenol	7.79	122	54513	8.44	ng	Qvalue 98
31) Naphthalene	8.16	128	112718	5.98	ng	97
49) Dimethylphthalate	9.61	163	81139	7.33	ng	# 76
59) Diethylphthalate	10.31	149	125870	11.33	ng	# 53

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

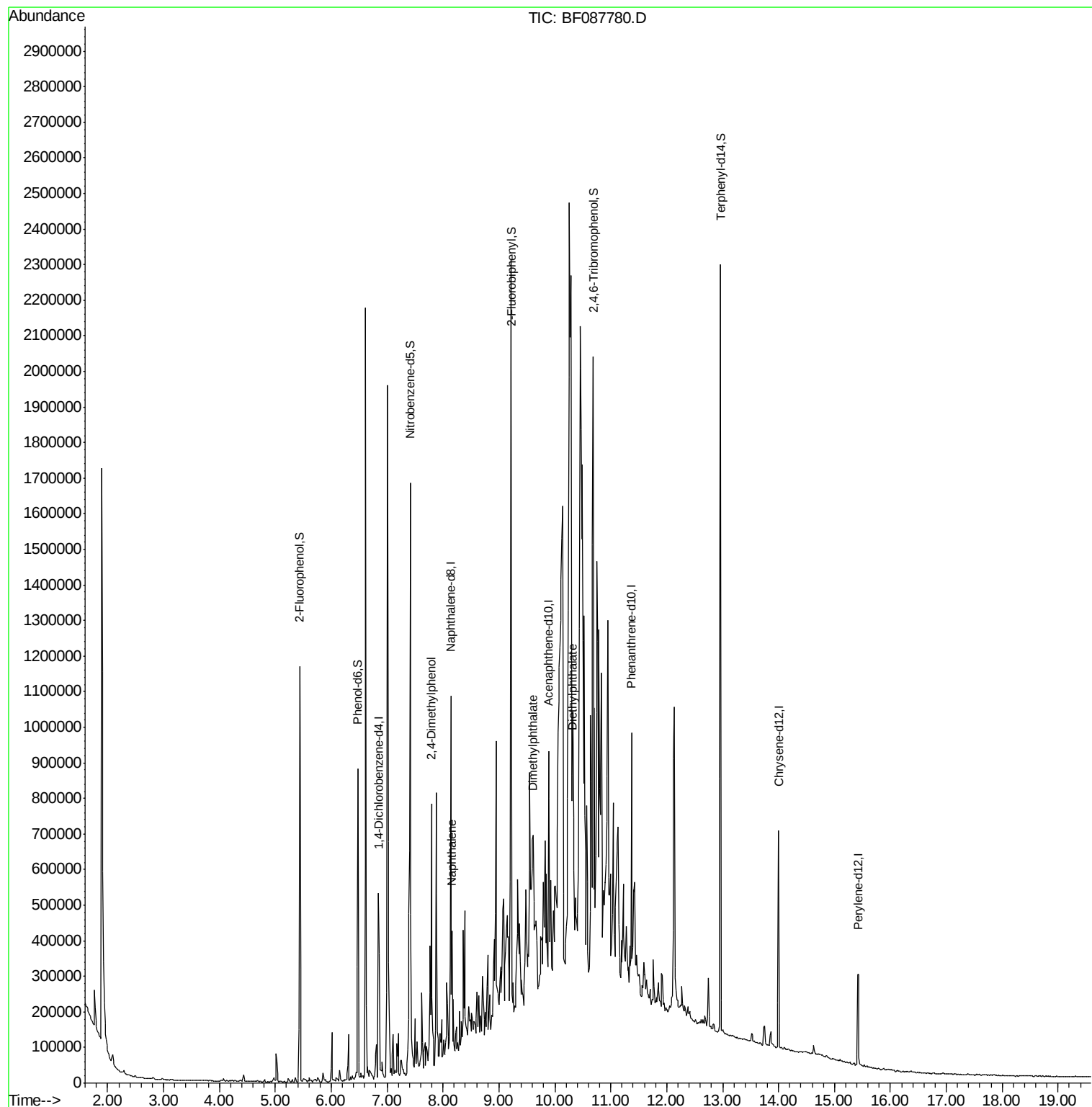
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087780.D
Acq On : 7 Jun 2016 7:29
Operator : UM/SJ
Sample : H3349-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

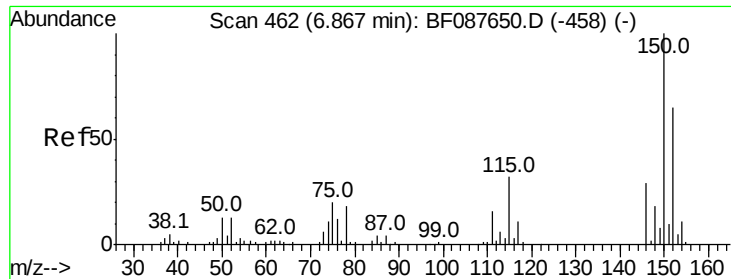
Instrument :
BNA_F
ClientSampleId :
W-15

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Quant Time: Jun 07 13:55:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087780.D

Acq: 7 Jun 2016 7:29

Instrument :

BNA_F

ClientSampled :

W-15

Tot Ion:152 Resp: 101186

Ion Ratio Lower Upper

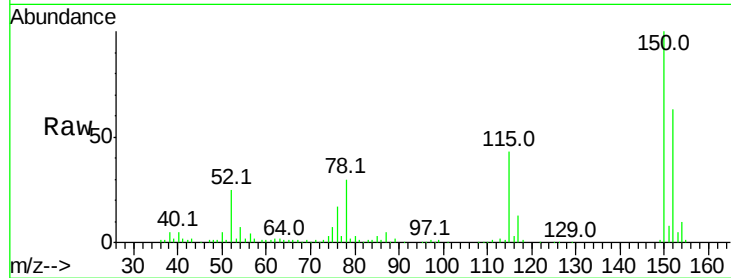
152 100

150 159.9 123.8 185.6

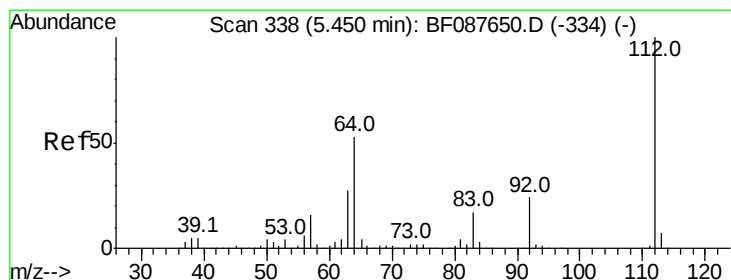
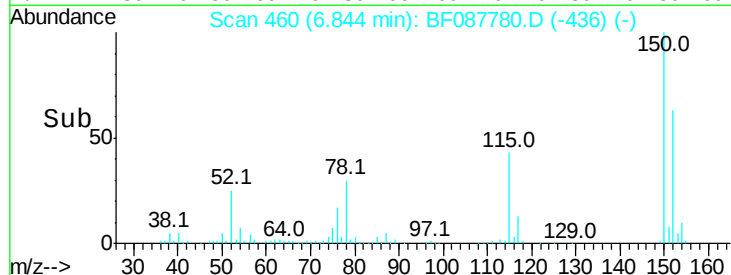
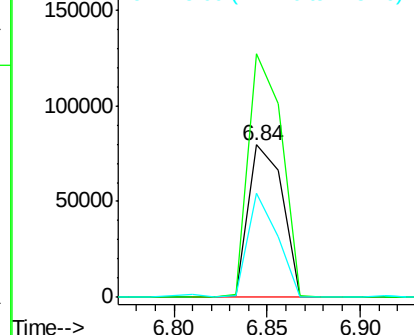
115 68.5 39.6 59.4#

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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: 55.07 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.01 min

Lab File: BF087780.D

Acq: 7 Jun 2016 7:29

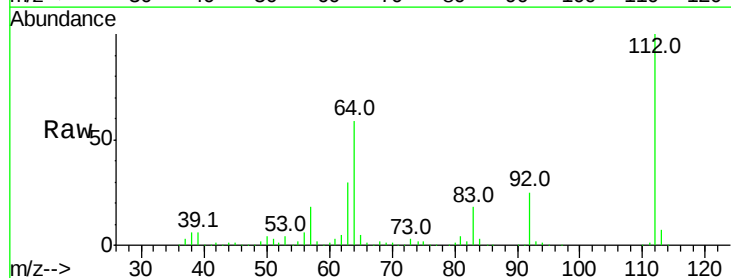
Tgt Ion:112 Resp: 344750

Ion Ratio Lower Upper

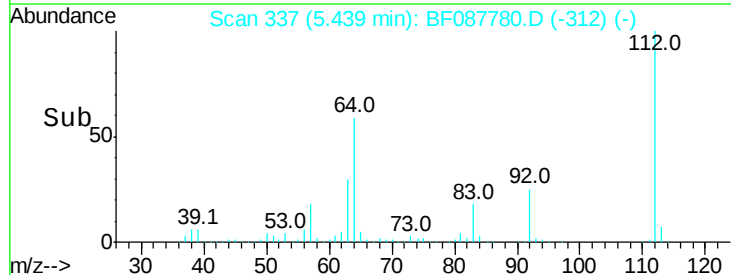
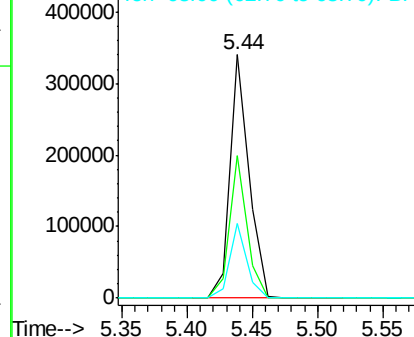
112 100

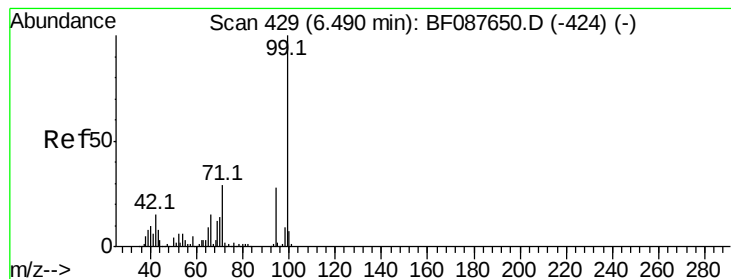
64 58.8 42.2 63.2

63 30.5 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: 40.19 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087780.D

Acq: 7 Jun 2016 7:29

Instrument :

BNA_F

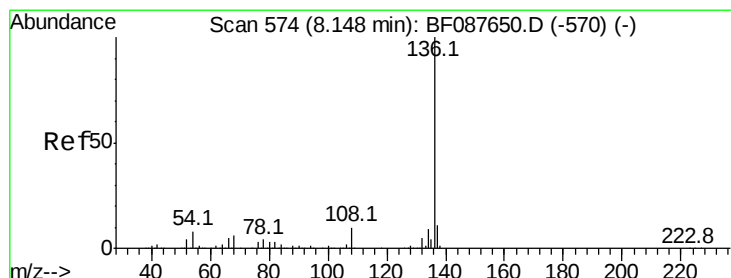
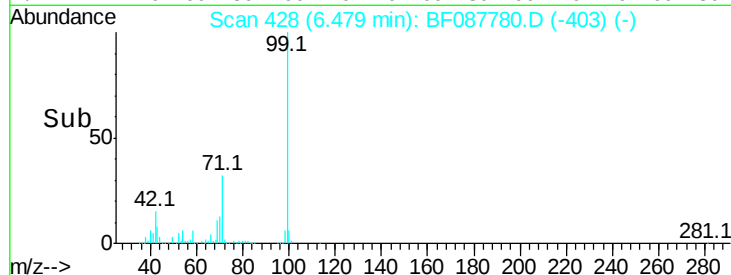
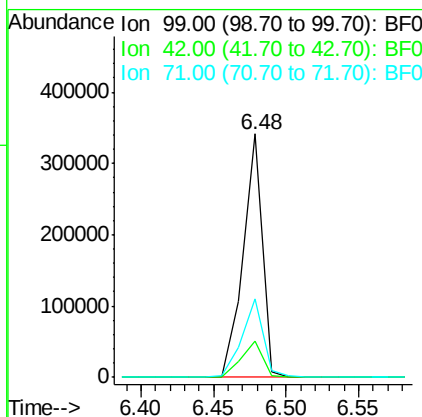
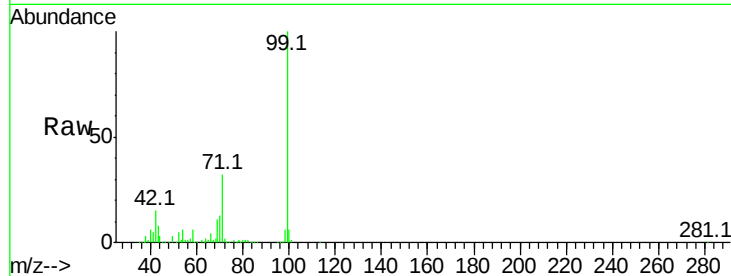
ClientSampleId :

W-15

Tot Ion:	99	Resp:	31528
Ion Ratio	Lower	Upper	
99	100		
42	14.7	12.2	18.2
71	32.1	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

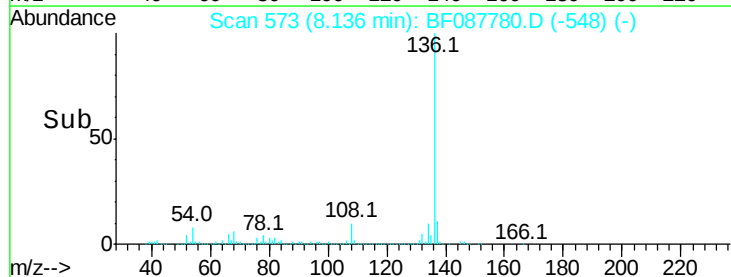
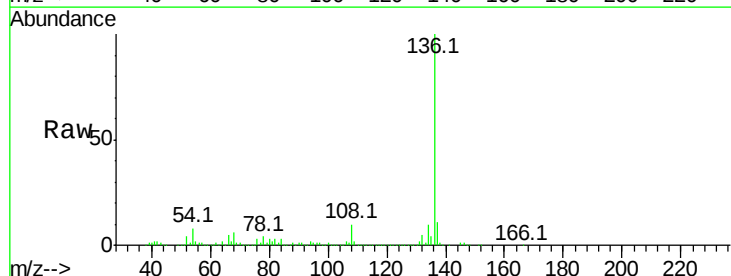
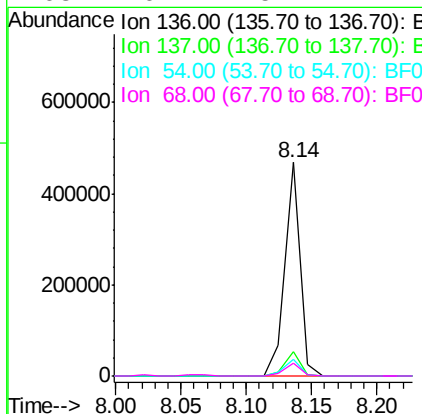
RT: 8.14 min Scan# 573

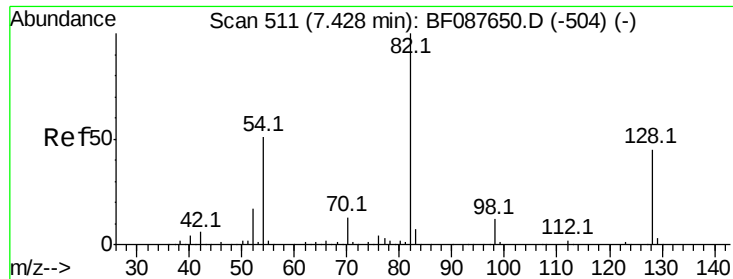
Delta R.T. -0.01 min

Lab File: BF087780.D

Acq: 7 Jun 2016 7:29

Tgt Ion:	136	Resp:	387739
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	7.6	6.6	10.0
68	6.2	5.1	7.7





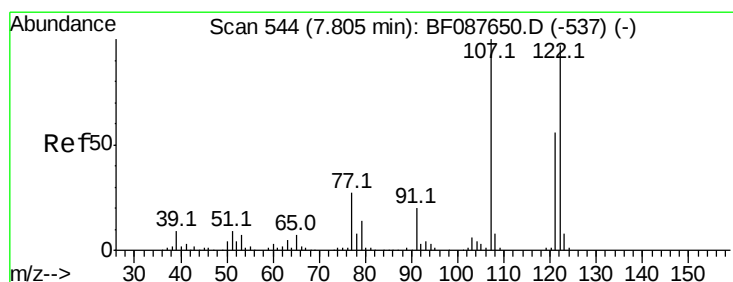
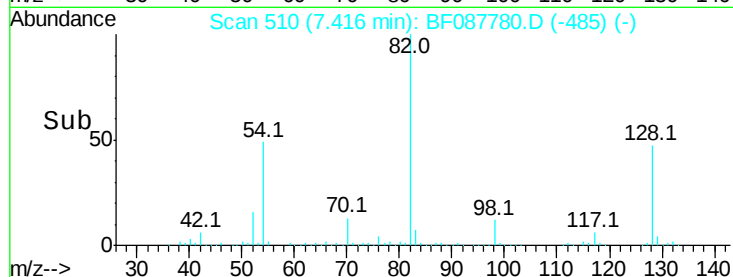
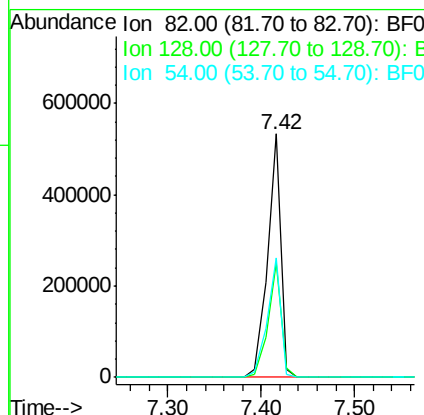
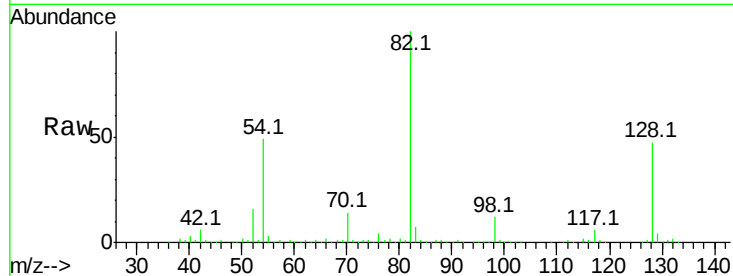
#23
 Nitrobenzene-d5
 Concen: 80.79 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087780.D
 Acq: 7 Jun 2016 7:29

Instrument :
 BNA_F
 ClientSampled :
 W-15

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	35.9	53.9	
54	49.0	40.9	61.3	

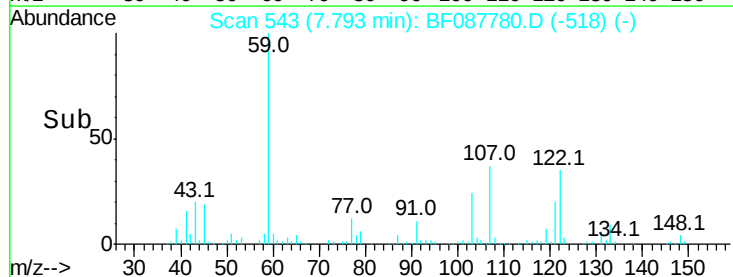
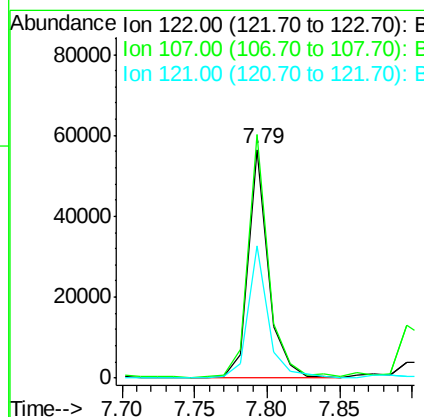
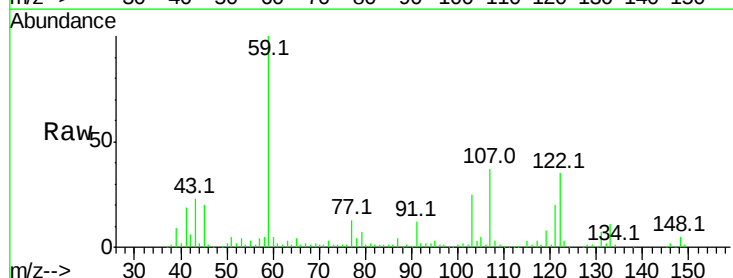
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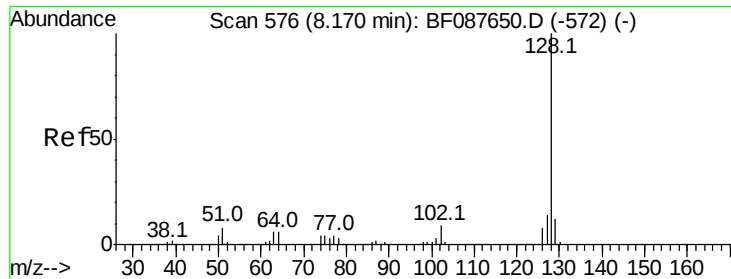
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#27
 2,4-Dimethylphenol
 Concen: 8.44 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF087780.D
 Acq: 7 Jun 2016 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	106.7	82.4	123.6	
121	58.0	46.3	69.5	





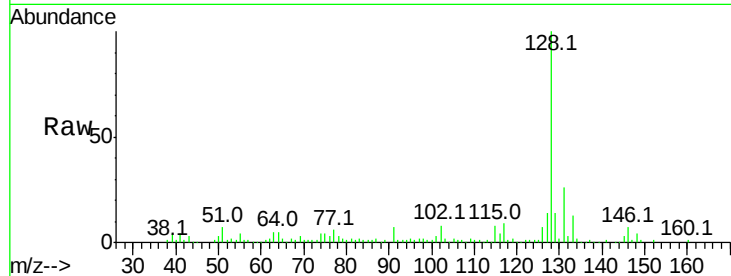
#31
Naphthalene
Concen: 5.98 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087780.D
Acq: 7 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
W-15

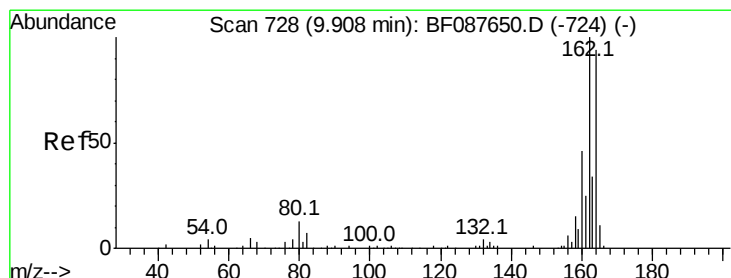
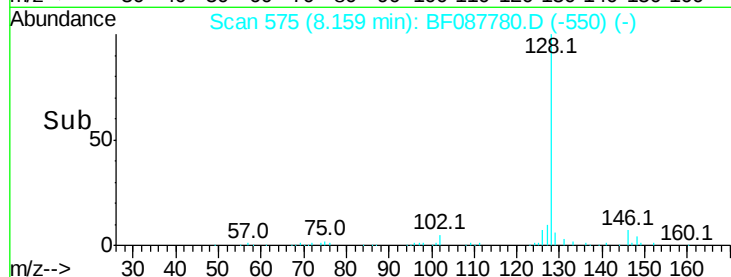
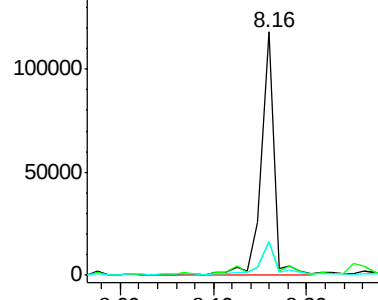
Tot Ion:128	Resp:	112718
Ion Ratio	Lower	Upper
128 100		
129 13.9	9.4	14.2
127 13.7	10.9	16.3

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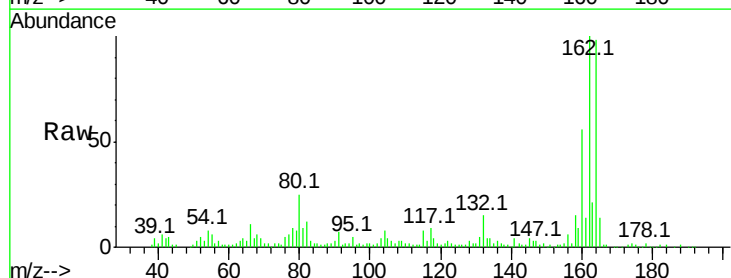


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

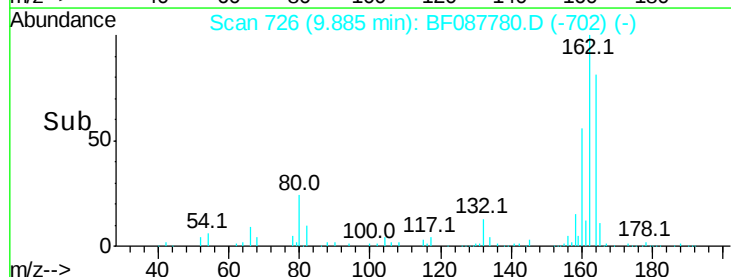
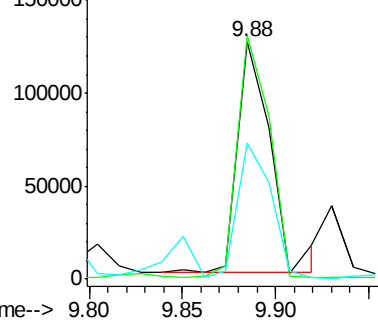


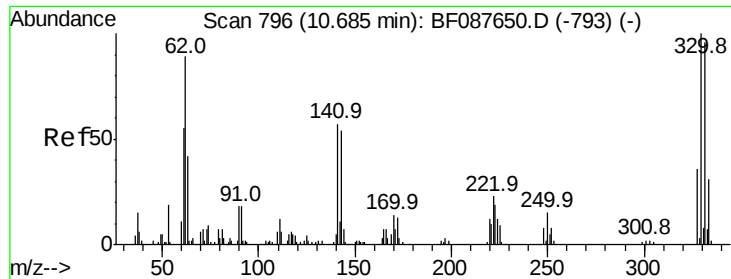
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087780.D
Acq: 7 Jun 2016 7:29

Tgt Ion:164	Resp:	152189
Ion Ratio	Lower	Upper
164 100		
162 102.4	85.4	128.2
160 57.0	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





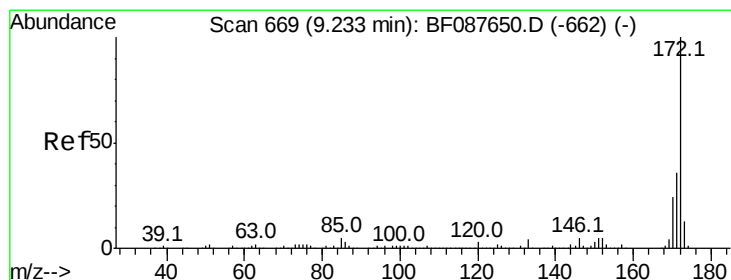
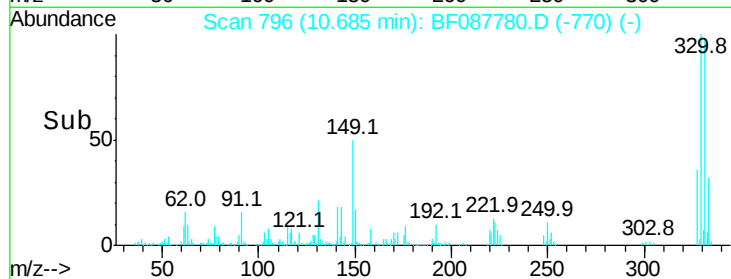
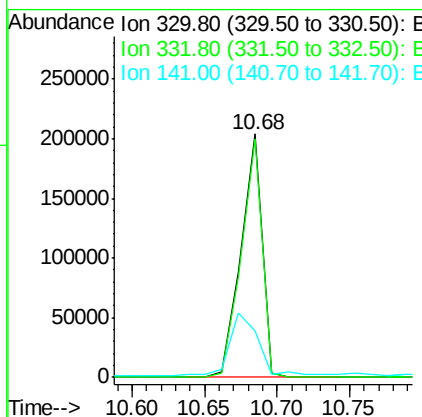
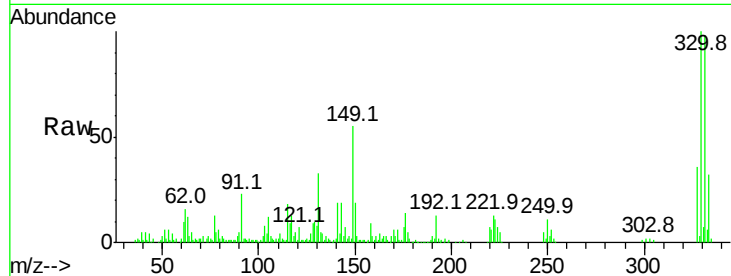
#41
 2,4,6-Tribromophenol
 Concen: 135.21 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087780.D
 Acq: 7 Jun 2016 7:29

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.3	0.0	0.0#
141	34.8	0.0	0.0#

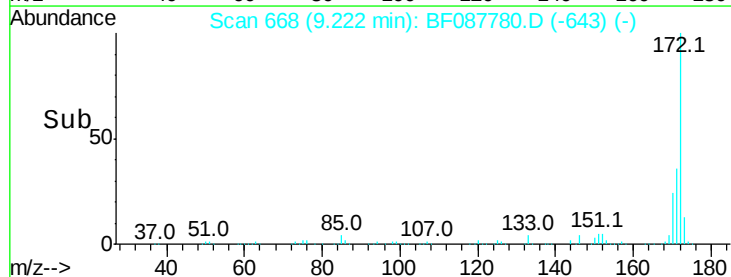
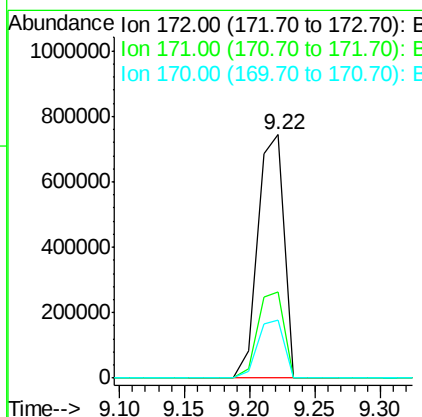
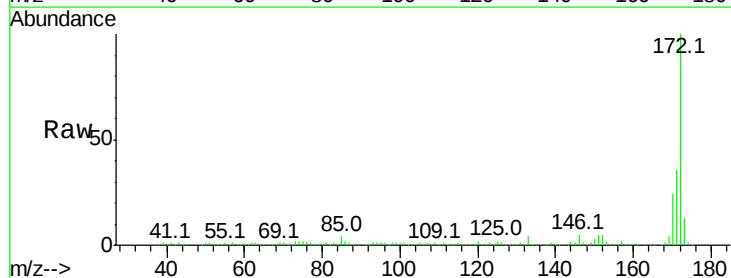
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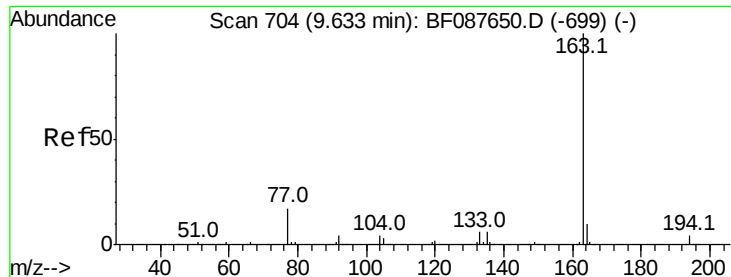
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#44
 2-Fluorobiphenyl
 Concen: 123.46 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087780.D
 Acq: 7 Jun 2016 7:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.6	28.6	43.0
170	23.8	19.2	28.8





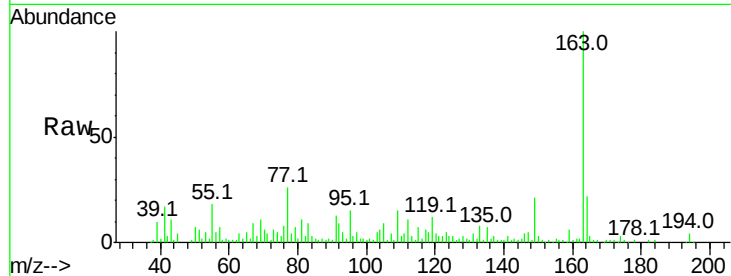
#49
Dimethylphthalate
Concen: 7.33 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087780.D
Acq: 7 Jun 2016 7:29

Instrument :
BNA_F
ClientSampled :
W-15

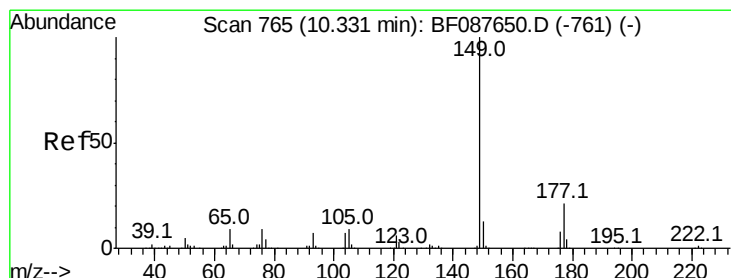
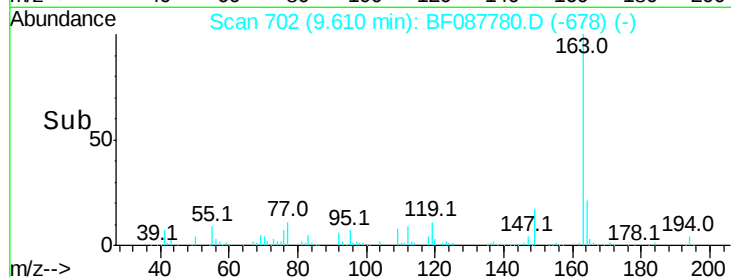
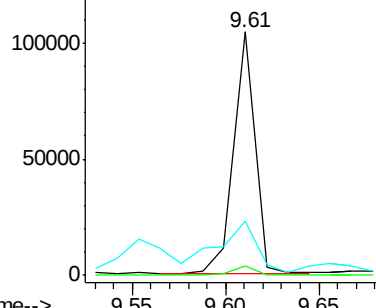
Tot Ion	Ratio	Resp	Lower	Upper
163	100	81139		
194	3.7	2.8	4.2	
164	22.3	8.3	12.5#	

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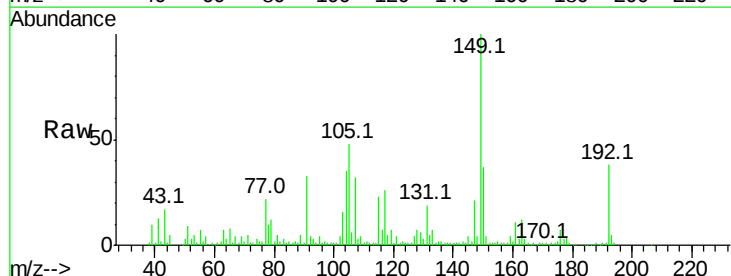


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

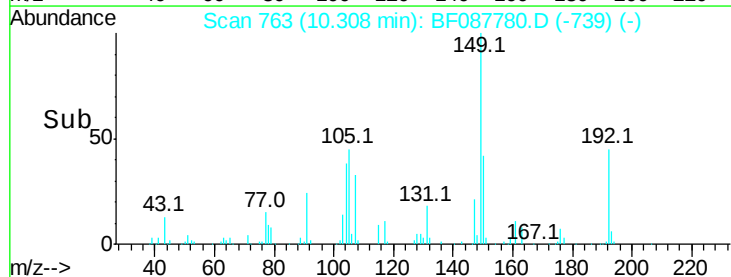
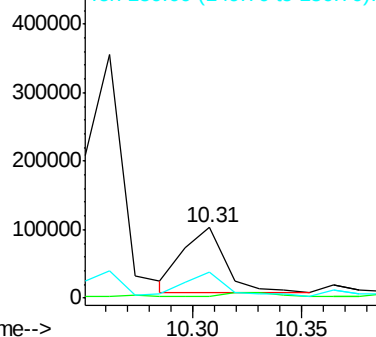


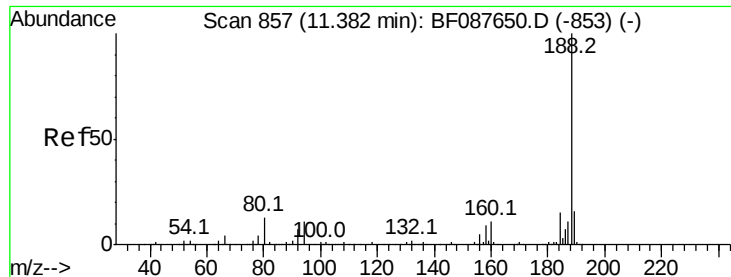
#59
Diethylphthalate
Concen: 11.33 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF087780.D
Acq: 7 Jun 2016 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	125870		
177	3.1	16.9	25.3#	
150	37.3	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: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087780.D

Acq: 7 Jun 2016 7:29

Instrument :

BNA_F

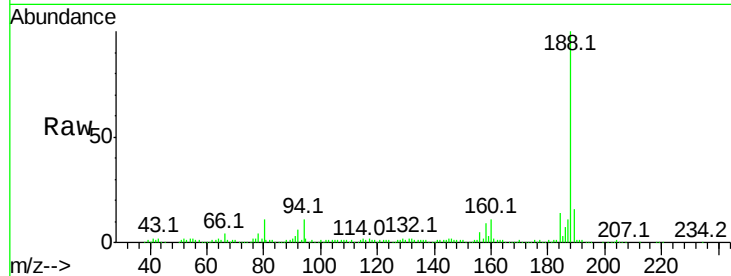
ClientSampled :

W-15

Tot Ion:	188	Resp:	241249
Ion Ratio	Lower	Upper	
188	100		
94	11.3	9.0	13.6
80	11.4	10.0	15.0

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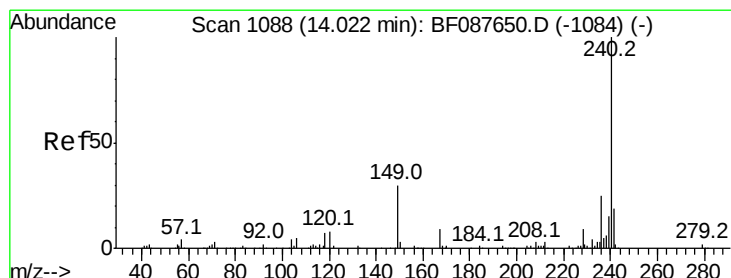
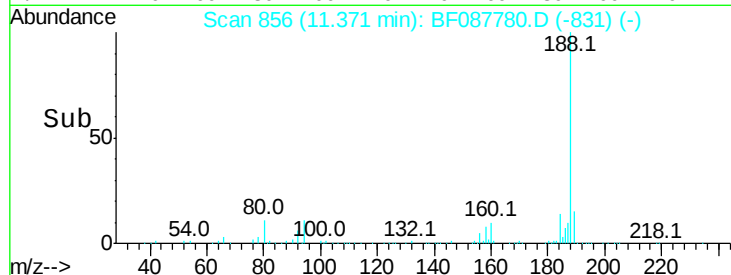
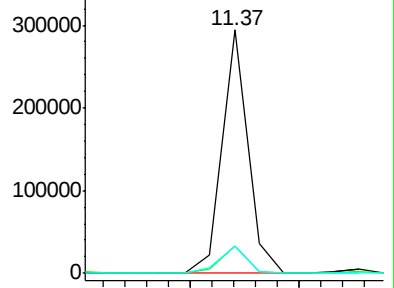
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Abundance Ion 188.00 (187.70 to 188.70): E

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

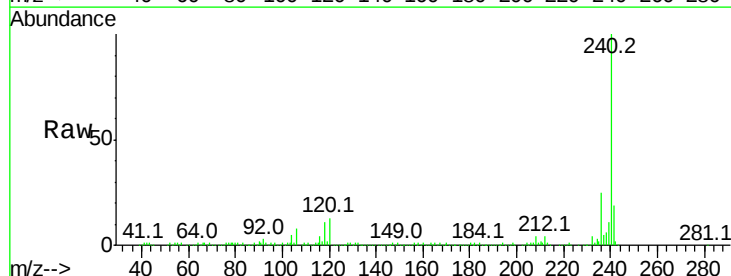
RT: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087780.D

Acq: 7 Jun 2016 7:29

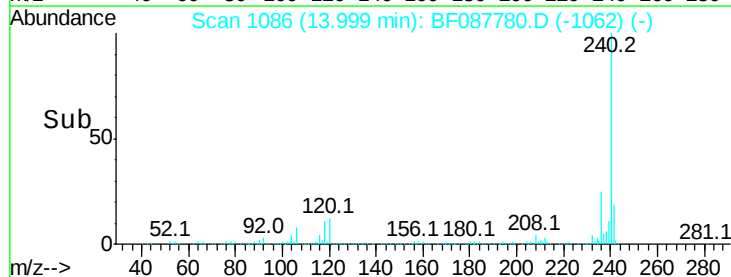
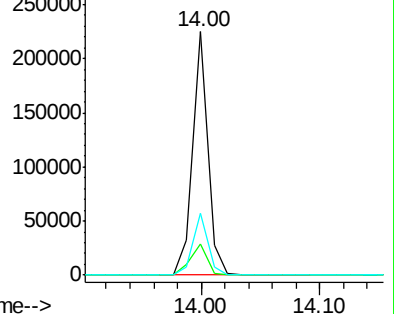
Tgt Ion:	240	Resp:	197839
Ion Ratio	Lower	Upper	
240	100		
120	12.5	6.8	10.2#
236	25.2	20.2	30.2

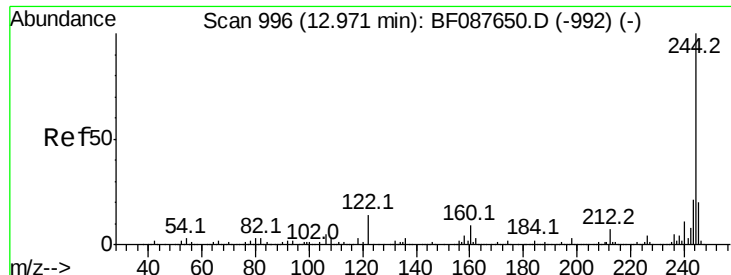


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.06 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087780.D

Acq: 7 Jun 2016 7:29

Instrument :

BNA_F

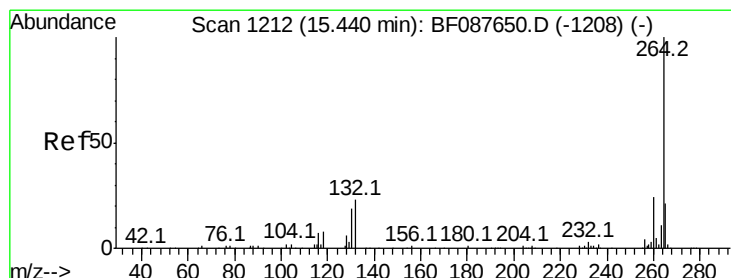
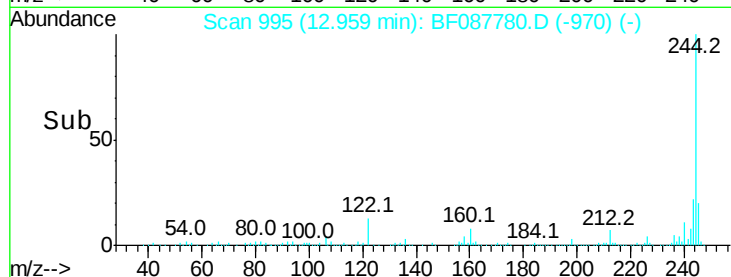
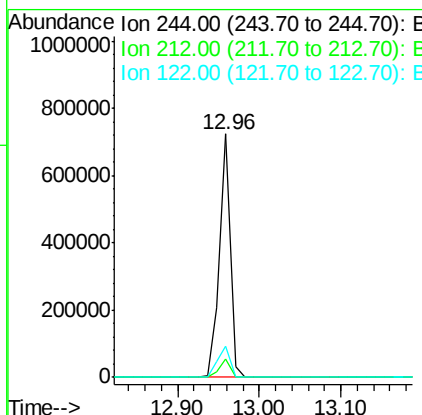
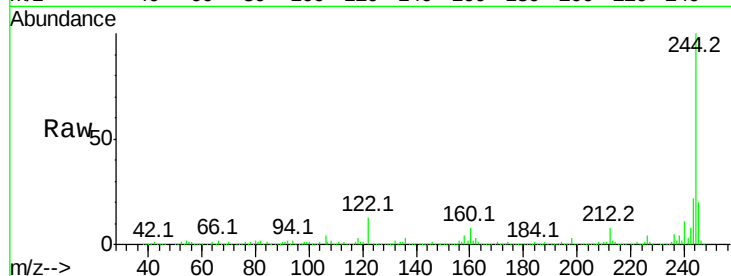
ClientSampled :

W-15

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.9	11.2	16.8

Manual Integrations
APPROVED

sohil
6/7/2016 7:23:19 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF087780.D

Acq: 7 Jun 2016 7:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	16.9	25.3

