

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087689.D
 Acq On : 5 Jun 2016 5:10
 Operator : UM/SJ
 Sample : H3344-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Manual Integrations
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Quant Time: Jun 05 06:37:38 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	6.86	152	133556	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	315973	20.00	ng	0.01
38) Acenaphthene-d10	9.90	164	246378	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	483878	20.00	ng	0.00
75) Chrysene-d12	14.01	240	384210	20.00	ng	-0.01
86) Perylene-d12	15.44	264	291469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	506368	61.28	ng	0.00
7) Phenol-d6	6.48	99	415070	40.05	ng	-0.01
23) Nitrobenzene-d5	7.43	82	867823	158.90	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	327366	132.37	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1473955	95.78	ng	-0.01
78) Terphenyl-d14	12.97	244	1144479	72.69	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.22	128	8925942	581.01	ng	97
37) 2-Methylnaphthalene	8.86	142	829131	81.73	ng	# 97
45) 1,1'-Biphenyl	9.32	154	138046	6.90	ng	95
49) Dimethylphthalate	9.62	163	112092	6.26	ng	97
51) Acenaphthene	9.93	154	298259	18.68	ng	99
57) Fluorene	10.45	166	70618m	4.15	ng	
70) Phenanthrene	11.41	178	80939	3.09	ng	98

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

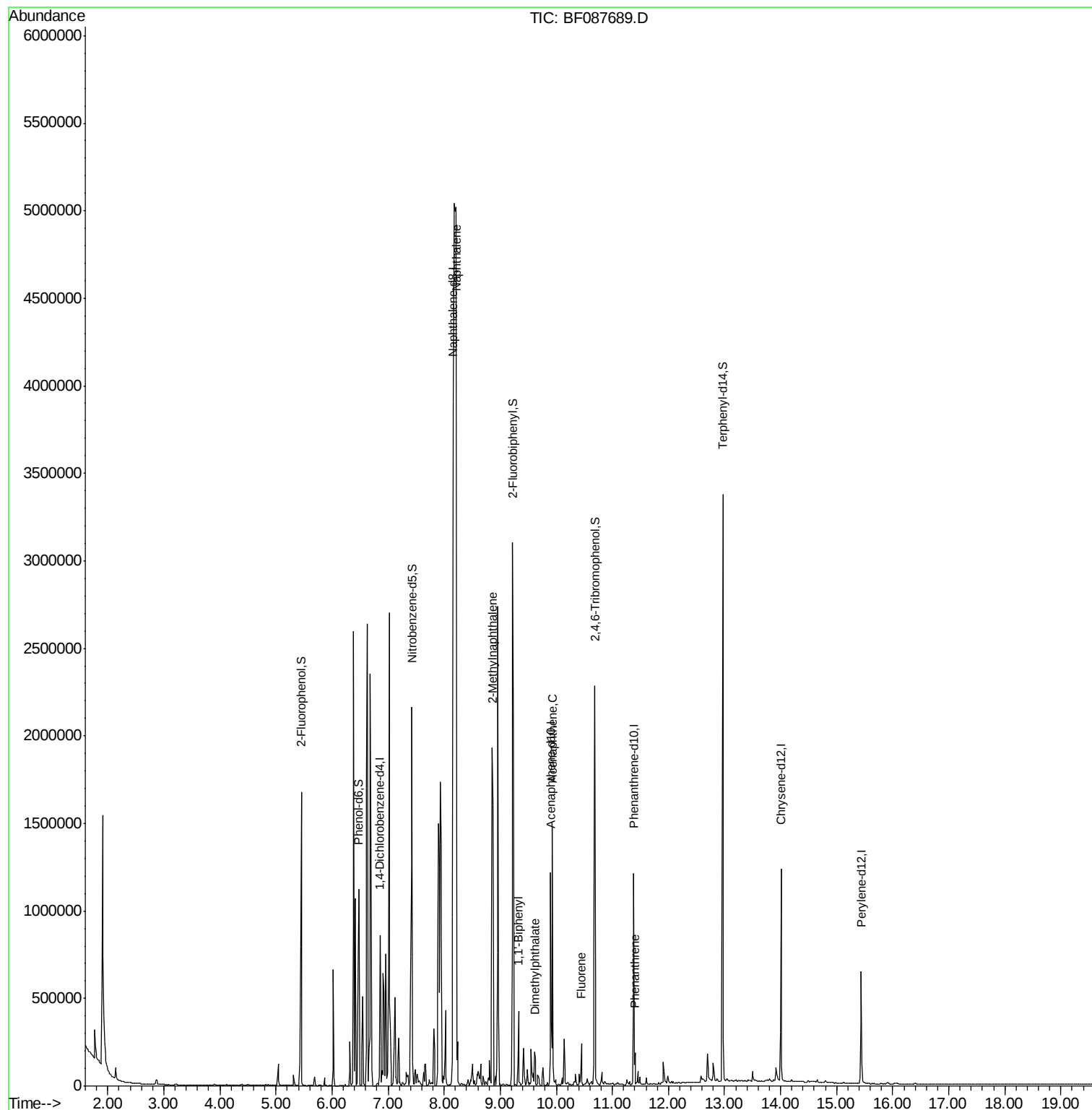
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
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Misc :
ALS Vial : 31 Sample Multiplier: 1

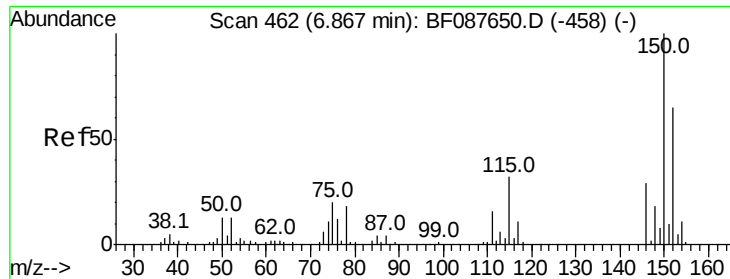
Instrument :
BNA_F
ClientSampleId :
MW-8

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#1

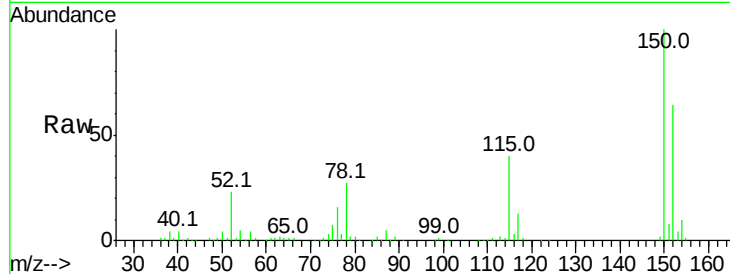
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF087689.D
 Acq: 5 Jun 2016 5:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

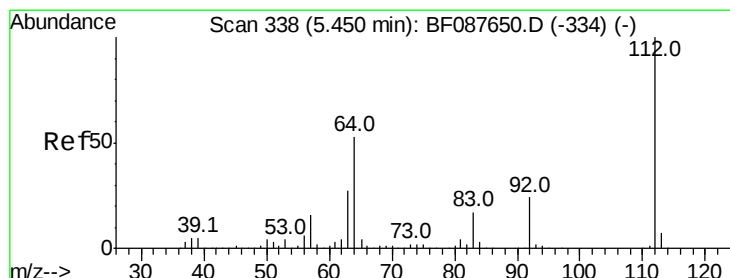
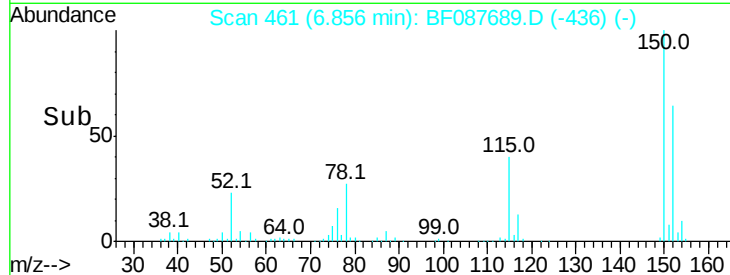
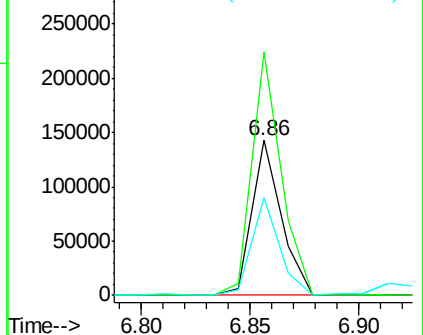
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.6
115	63.0	39.6	59.4

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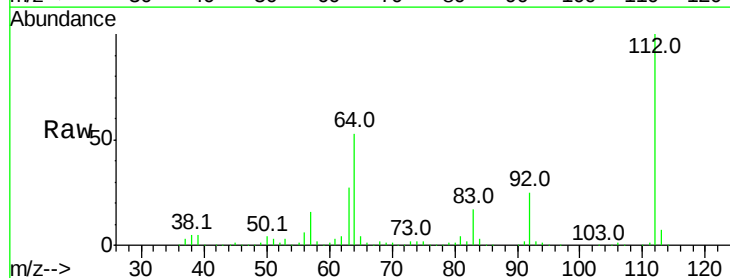
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



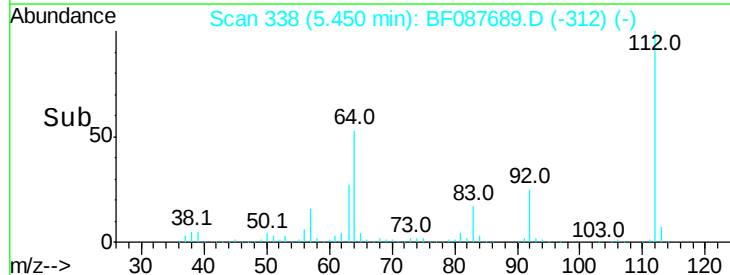
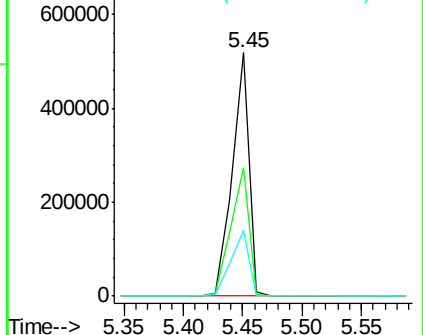
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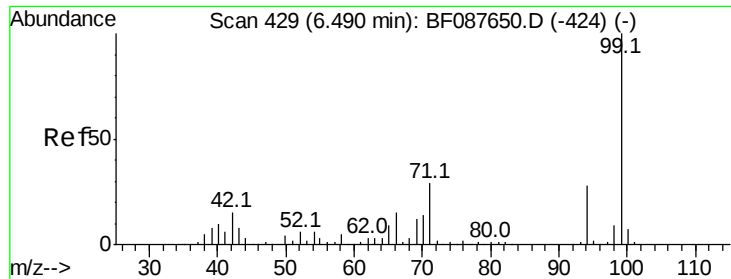
2-Fluorophenol
 Concen: 61.28 ng
 RT: 5.45 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: BF087689.D
 Acq: 5 Jun 2016 5:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.2	63.2
63	27.1	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: 40.05 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087689.D

Acq: 5 Jun 2016 5:10

Instrument :

BNA_F

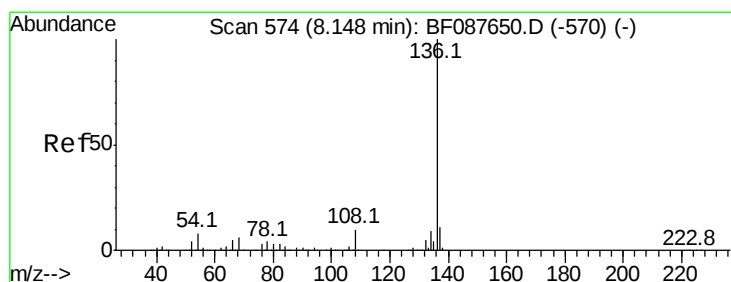
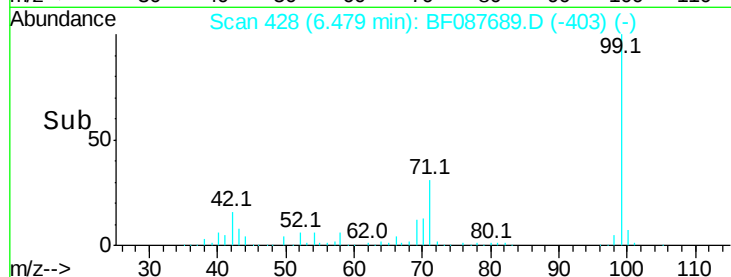
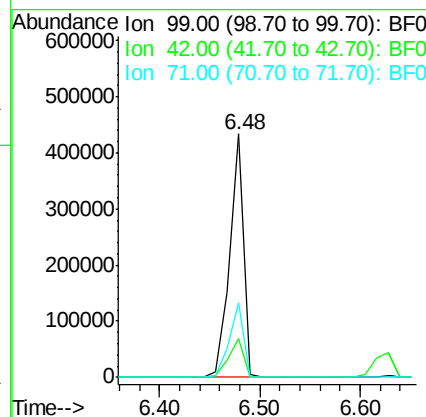
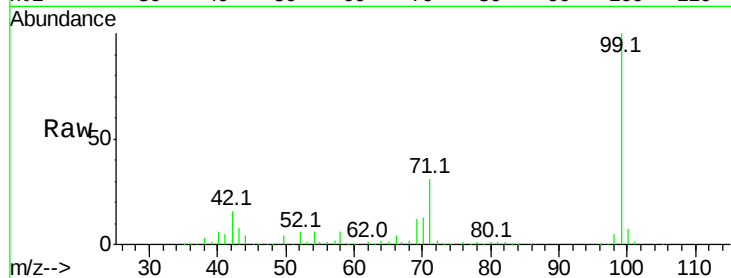
ClientSampleId :

MW-8

Tot Ion:	99	Resp:	415070
Ion Ratio	Lower	Upper	
99	100		
42	15.9	12.2	18.2
71	30.9	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

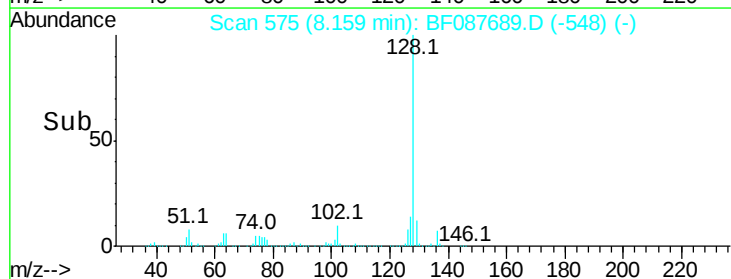
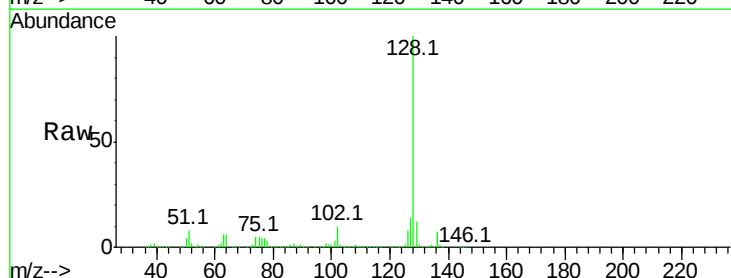
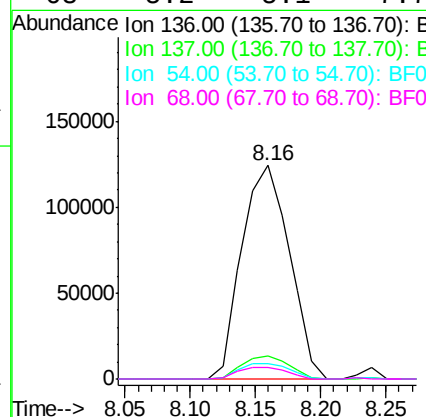
RT: 8.16 min Scan# 575

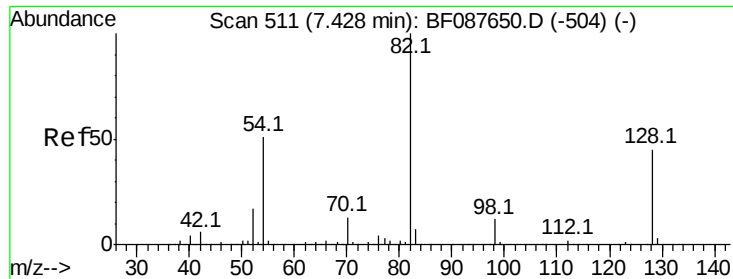
Delta R.T. 0.01 min

Lab File: BF087689.D

Acq: 5 Jun 2016 5:10

Tgt Ion:	136	Resp:	315973
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	7.3	6.6	10.0
68	5.2	5.1	7.7





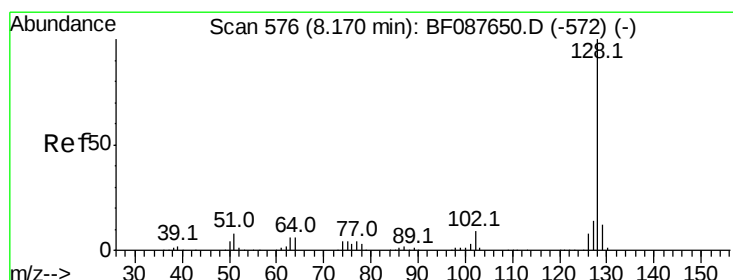
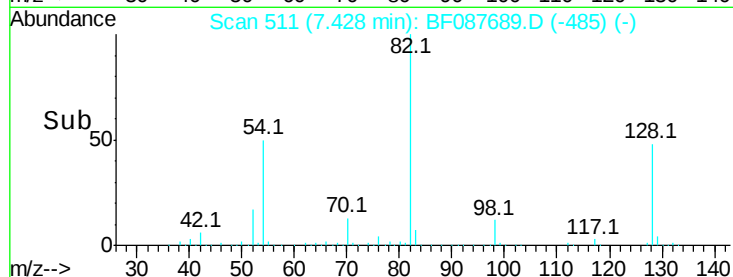
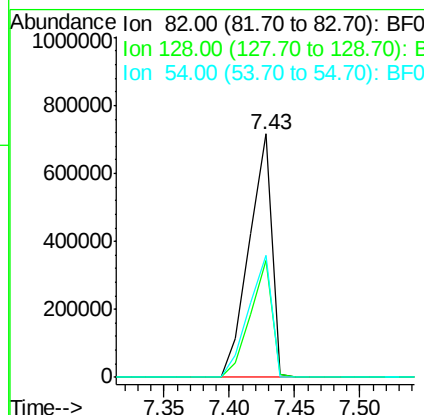
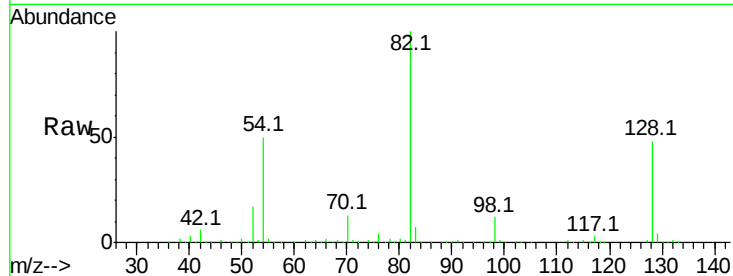
#23
Nitrobenzene-d5
Concen: 158.90 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampled :
MW-8

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.3	35.9	53.9	
54	49.9	40.9	61.3	

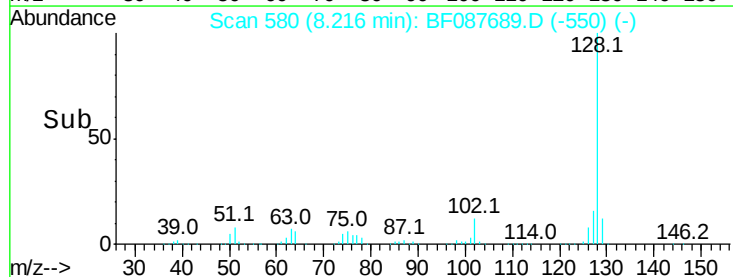
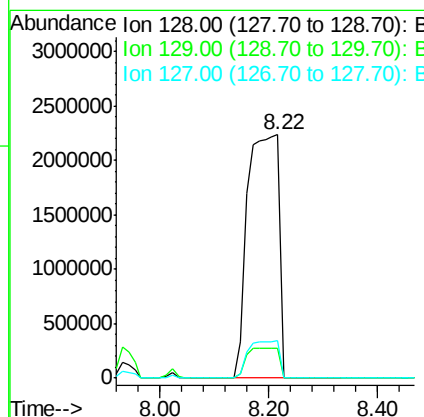
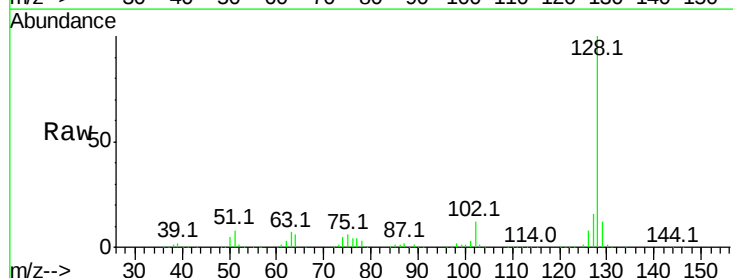
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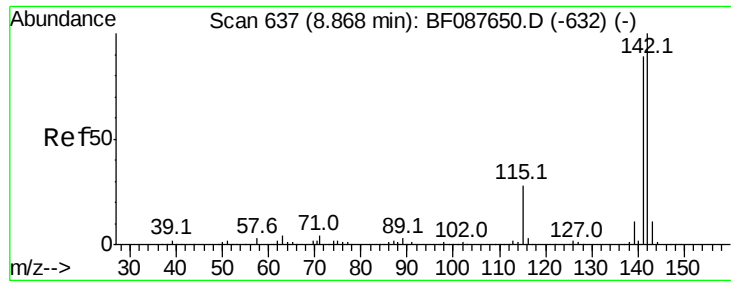
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#31
Naphthalene
Concen: 581.01 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.05 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.2	9.4	14.2	
127	15.6	10.9	16.3	





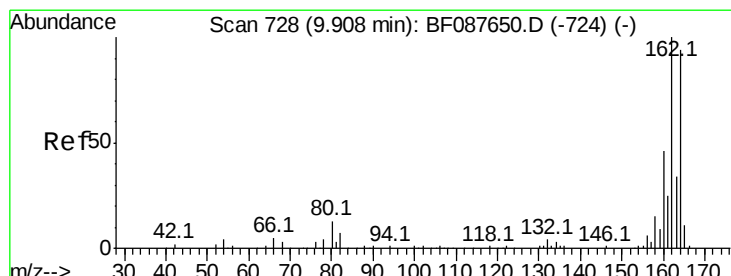
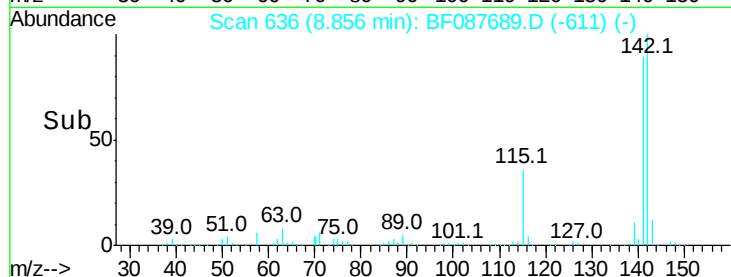
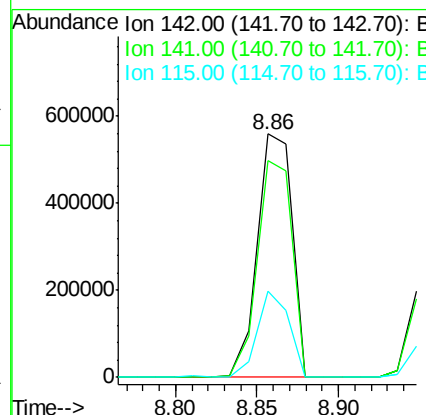
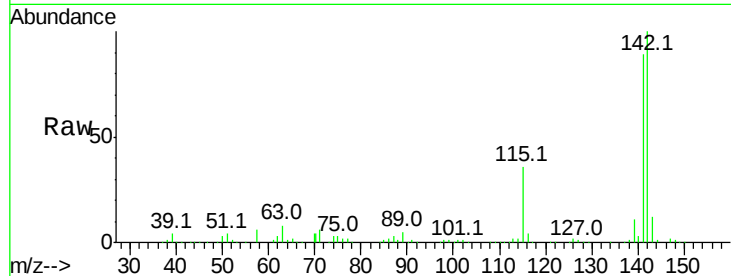
#37
 2-Methylnaphthalene
 Concen: 81.73 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087689.D
 Acq: 5 Jun 2016 5:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tot Ion:	142	Resp:	829131
Ion Ratio	Lower	Upper	
142	100		
141	88.9	71.0	106.6
115	35.6	22.6	33.8#

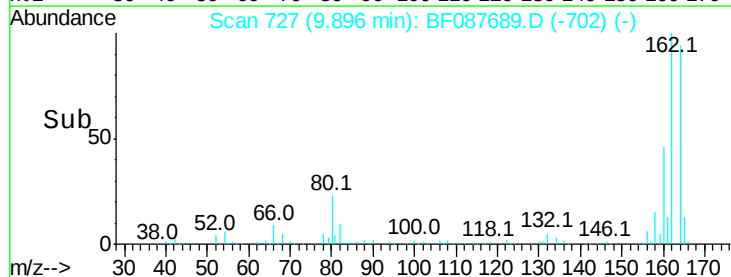
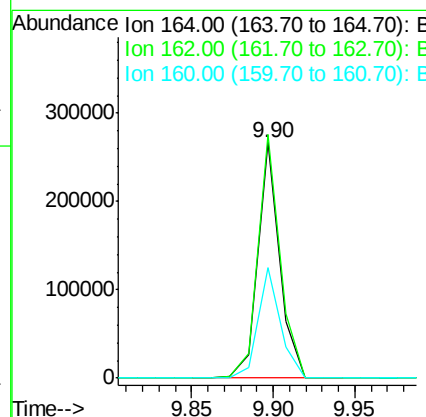
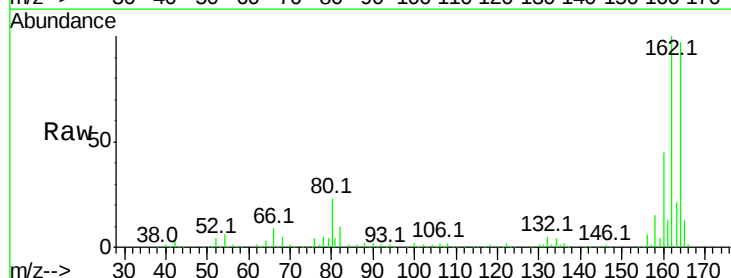
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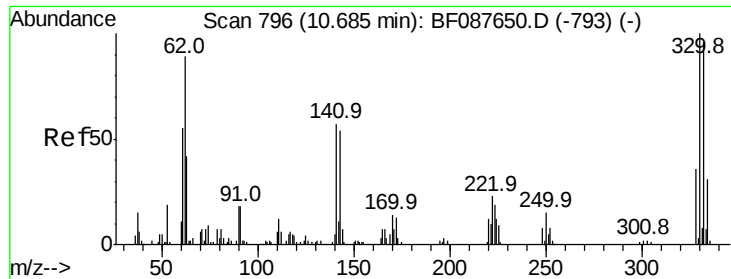
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087689.D
 Acq: 5 Jun 2016 5:10

Tgt Ion:	164	Resp:	246378
Ion Ratio	Lower	Upper	
164	100		
162	103.4	85.4	128.2
160	47.0	39.5	59.3





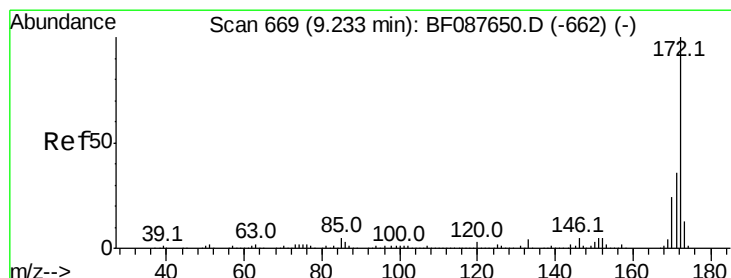
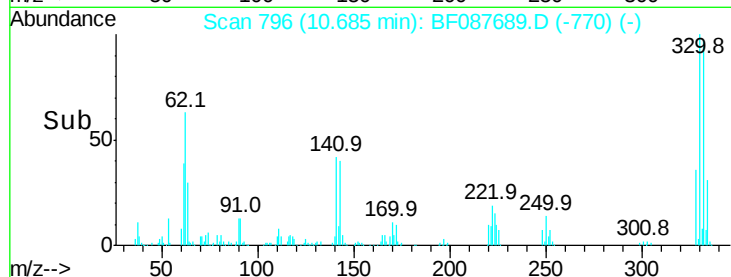
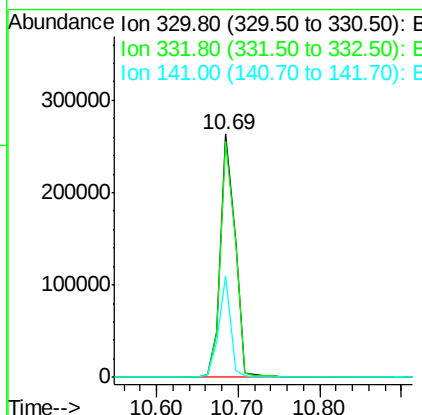
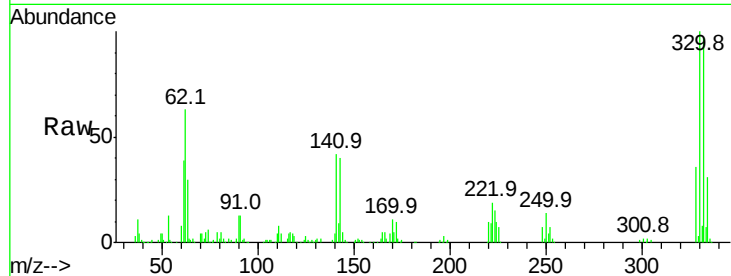
#41
 2,4,6-Tribromophenol
 Concen: 132.37 ng
 RT: 10.69 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087689.D
 Acq: 5 Jun 2016 5:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	34.2	0.0	0.0#

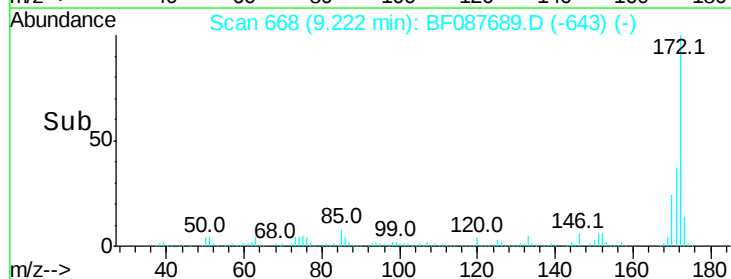
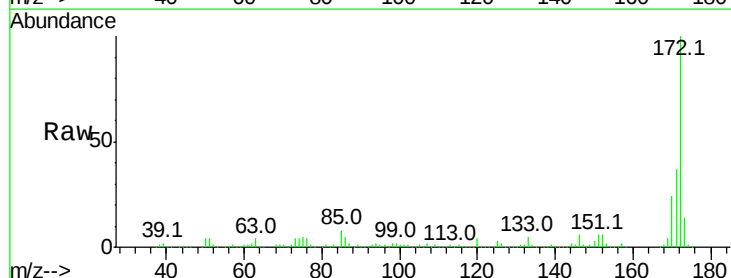
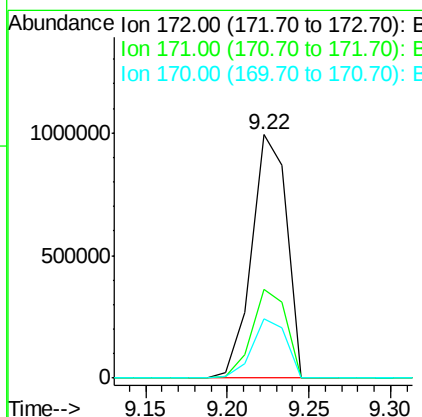
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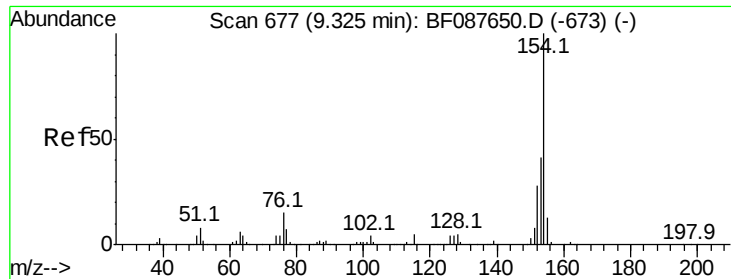
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#44
 2-Fluorobiphenyl
 Concen: 95.78 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087689.D
 Acq: 5 Jun 2016 5:10

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.5	19.2	28.8





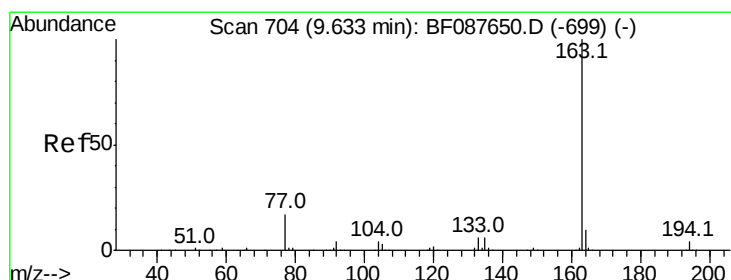
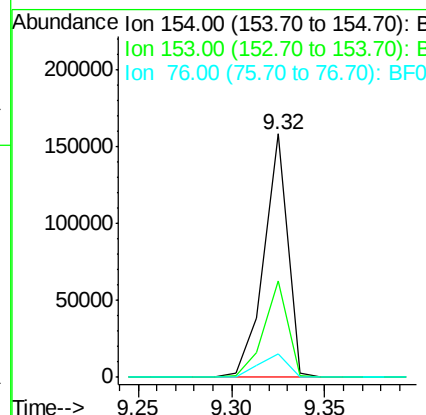
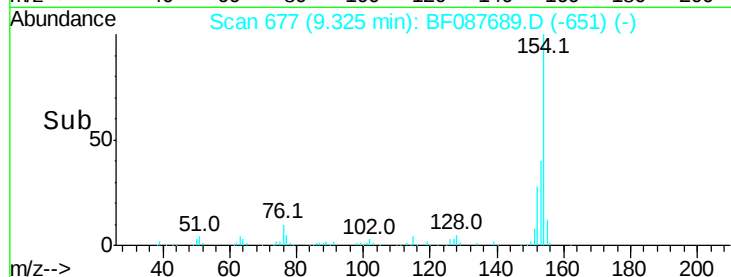
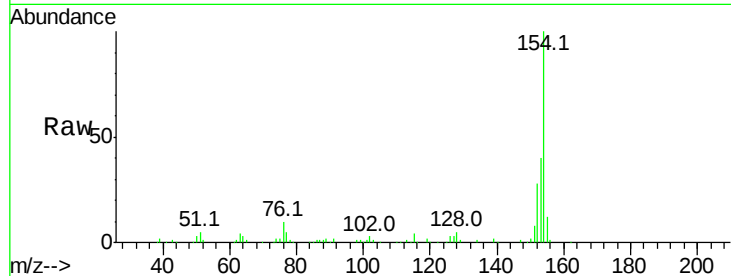
#45
1,1'-Biphenyl
Concen: 6.90 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tot Ion:	154	Resp:	138046
Ion Ratio	Lower	Upper	
154	100		
153	39.6	20.6	60.6
76	9.8	0.0	35.1

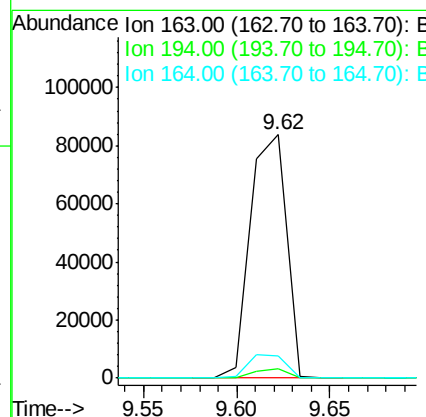
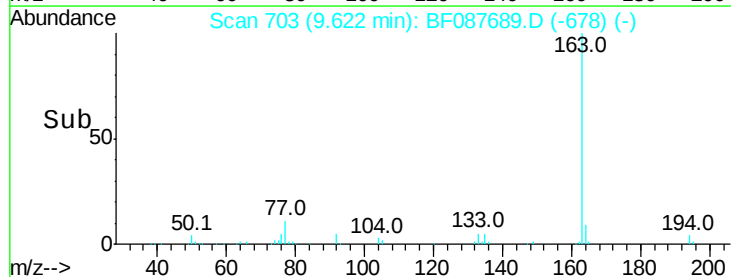
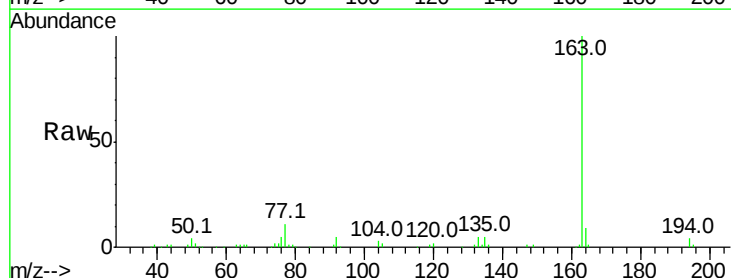
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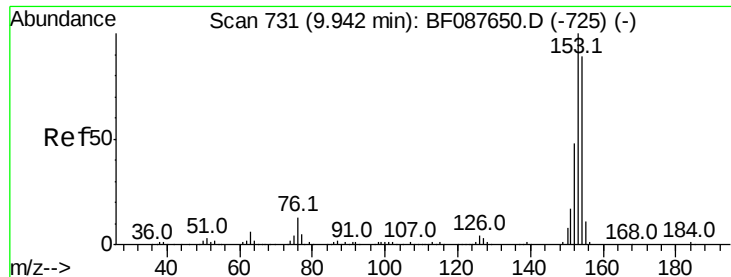
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#49
Dimethylphthalate
Concen: 6.26 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion:	163	Resp:	112092
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.8	4.2
164	9.2	8.3	12.5





#51

Acenaphthene

Concen: 18.68 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF087689.D

Acq: 5 Jun 2016 5:10

Instrument :

BNA_F

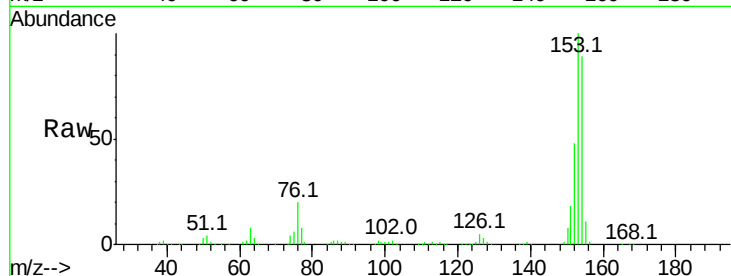
ClientSampled :

MW-8

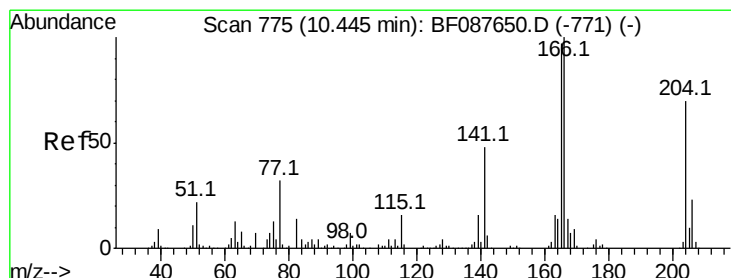
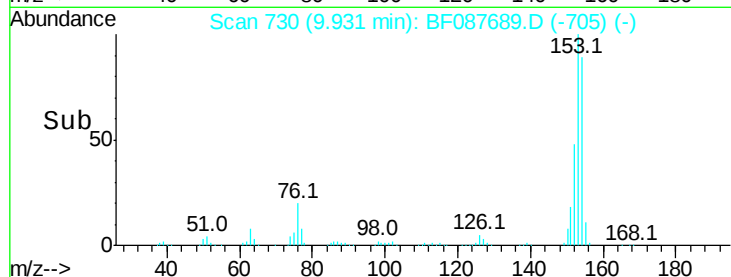
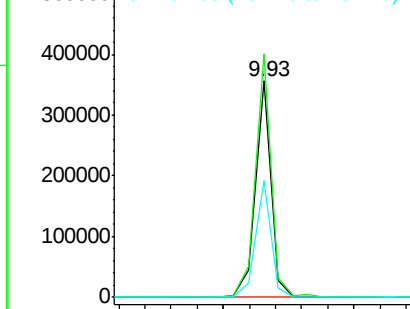
Tot Ion:	154	Resp:	298259
Ion Ratio	Lower	Upper	
154	100		
153	112.6	89.5	134.3
152	53.9	42.7	64.1

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 4.15 ng m

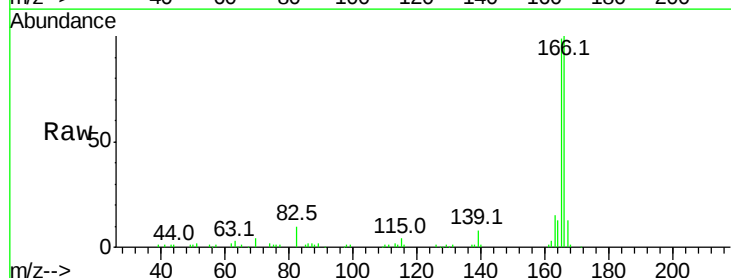
RT: 10.45 min Scan# 775

Delta R.T. 0.00 min

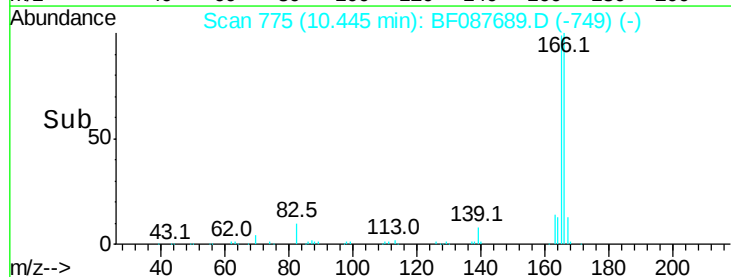
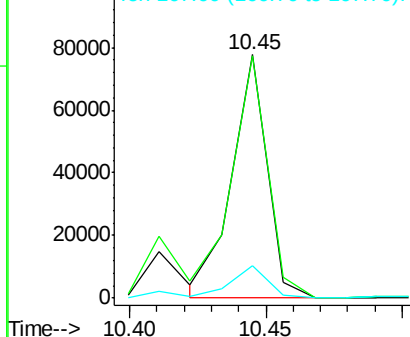
Lab File: BF087689.D

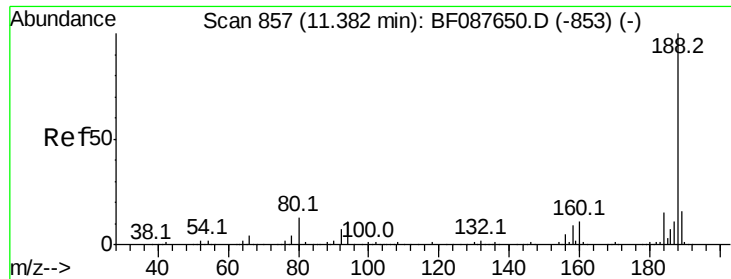
Acq: 5 Jun 2016 5:10

Tgt Ion:	166	Resp:	70618
Ion Ratio	Lower	Upper	
166	100		
165	99.3	77.8	116.8
167	13.4	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





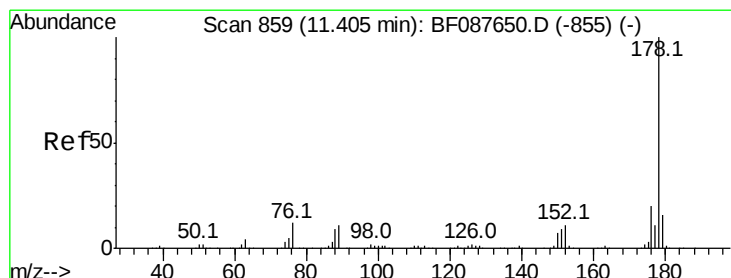
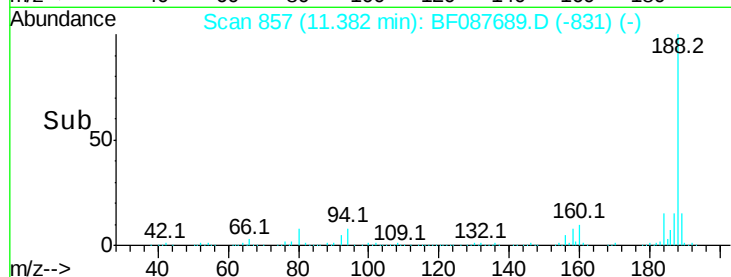
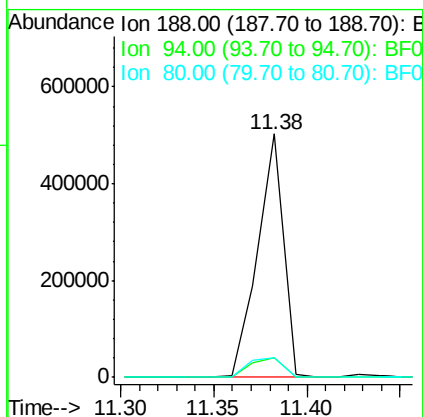
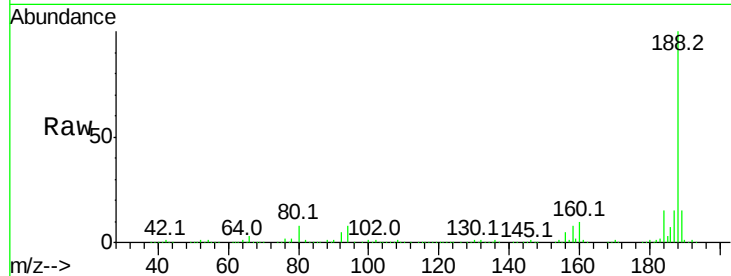
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.0	9.0	13.6#
80	8.1	10.0	15.0#

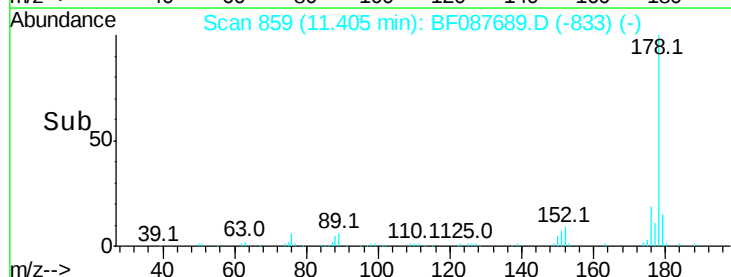
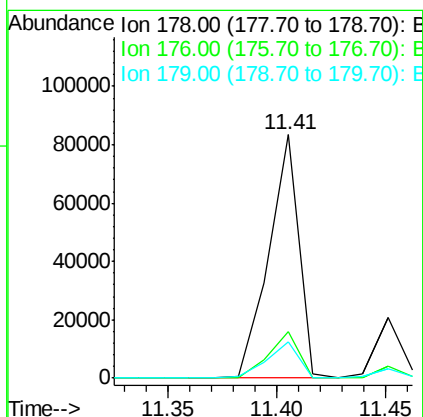
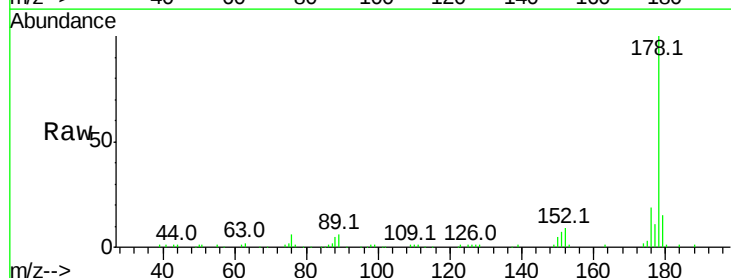
Manual Integrations
APPROVED

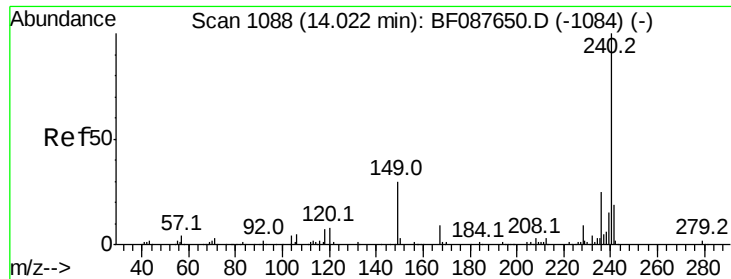
SOHIL
6/6/2016 7:18:50 PM



#70
Phenanthrene
Concen: 3.09 ng
RT: 11.41 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.9	15.8	23.6
179	15.1	13.0	19.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087689.D

Acq: 5 Jun 2016 5:10

Instrument :

BNA_F

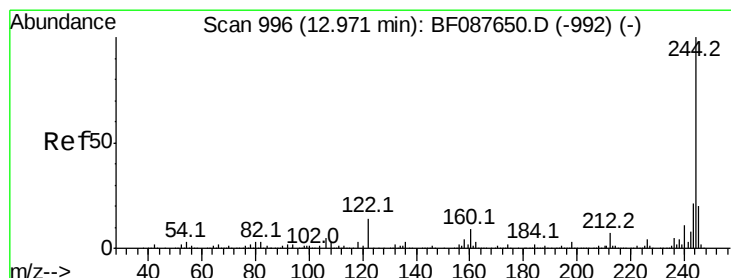
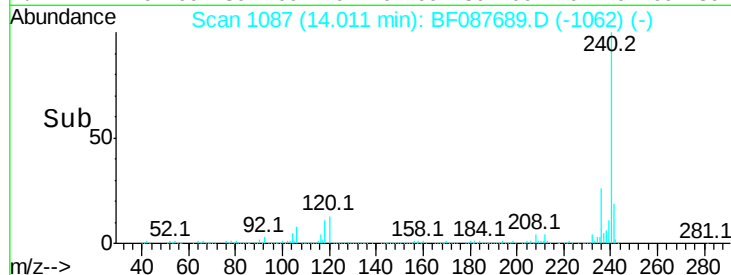
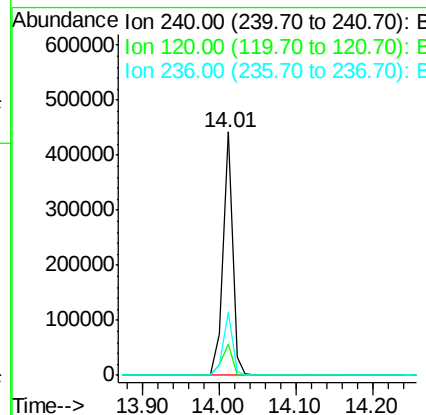
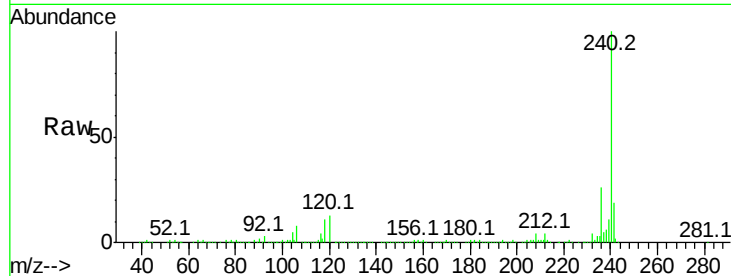
ClientSampleId :

MW-8

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	6.8	10.2#
236	26.0	20.2	30.2

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:50 PM



#78

Terphenyl-d14

Concen: 72.69 ng

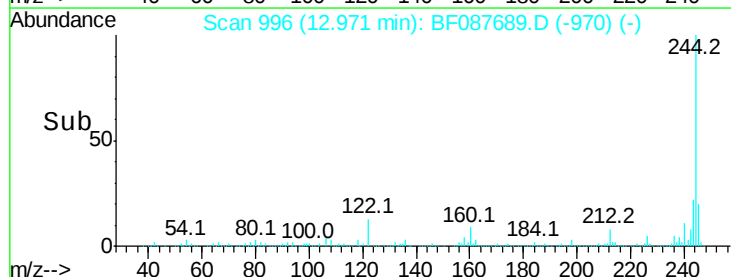
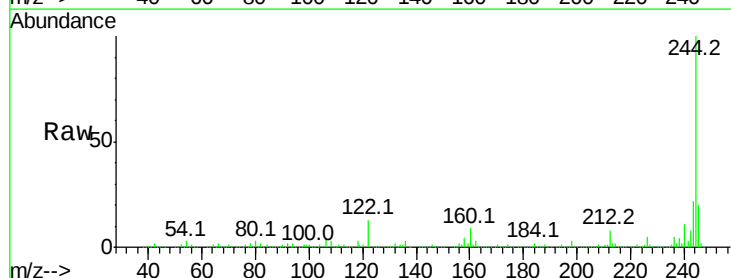
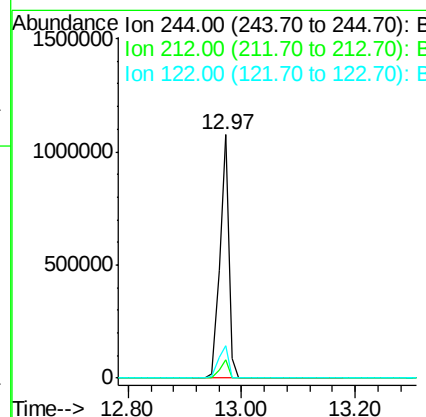
RT: 12.97 min Scan# 996

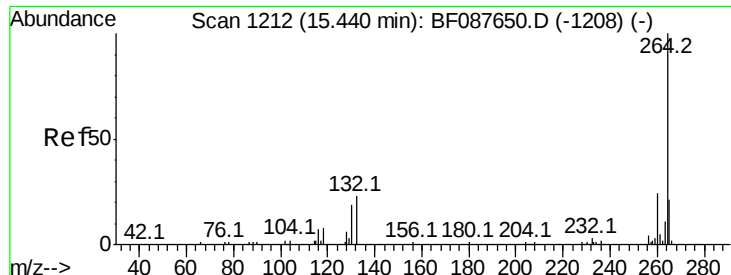
Delta R.T. 0.00 min

Lab File: BF087689.D

Acq: 5 Jun 2016 5:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.1	11.2	16.8





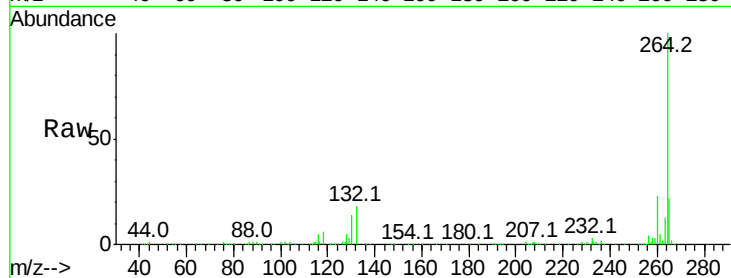
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tot Ion:	264	Resp:	291469
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.7	16.9	25.3

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:18:50 PM



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

