

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087776.D
 Acq On : 7 Jun 2016 5:28
 Operator : UM/SJ
 Sample : H3345-02DL 200X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Manual Integrations
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Quant Time: Jun 07 07:05:11 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	92534m	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	365560	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	141390	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	233007	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	187545	20.00	ng	-0.02
86) Perylene-d12	15.42	264	140480	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2219	0.39	ng	-0.01
7) Phenol-d6	6.47	99	1844	0.26	ng	-0.02
23) Nitrobenzene-d5	7.40	82	3803	0.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	959	0.68	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	11086	1.21	ng	-0.02
78) Terphenyl-d14	12.95	244	7172	0.93	ng	-0.02
Target Compounds						
31) Naphthalene	8.16	128	937491	52.75	ng	99
37) 2-Methylnaphthalene	8.84	142	48116	4.10	ng	97
48) Acenaphthylene	9.75	152	38547	2.71	ng	98

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

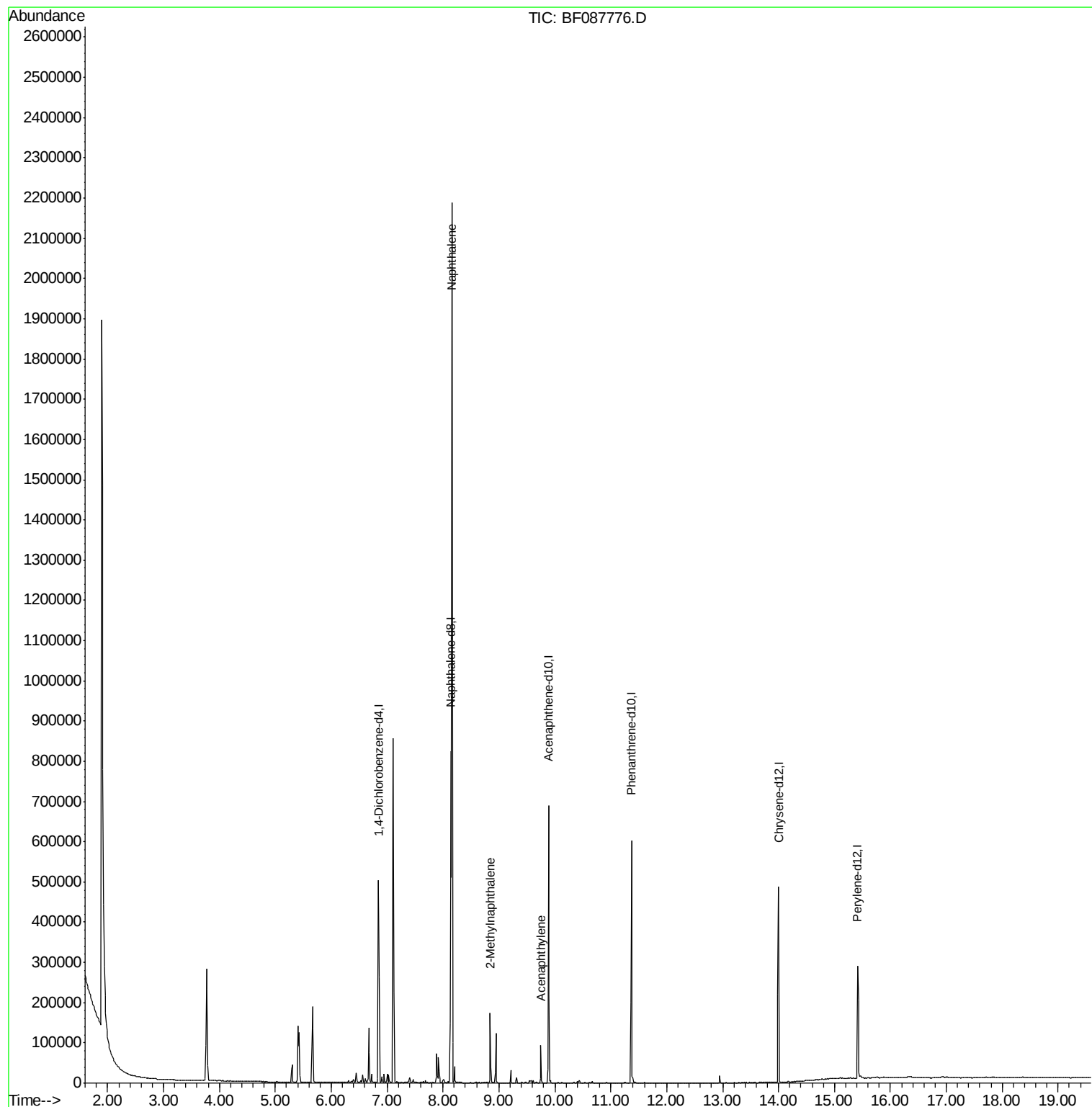
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087776.D
Acq On : 7 Jun 2016 5:28
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Sample : H3345-02DL 200X
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ALS Vial : 31 Sample Multiplier: 1

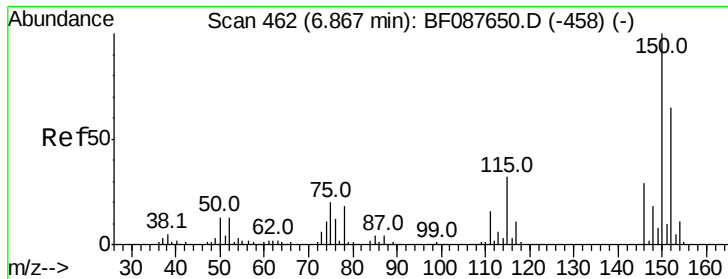
Instrument :
BNA_F
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MW-14DL

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Response via : Initial Calibration





#1

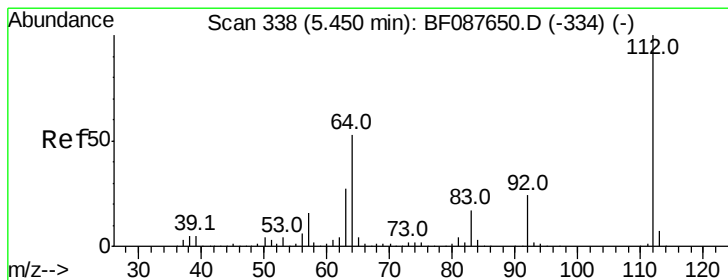
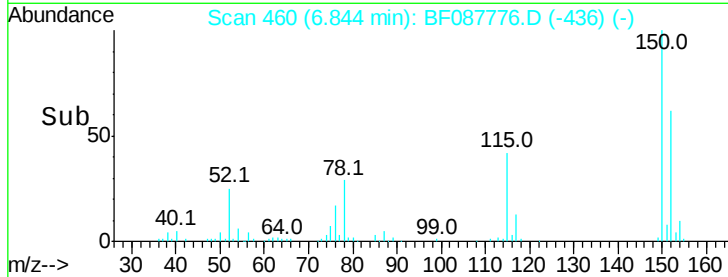
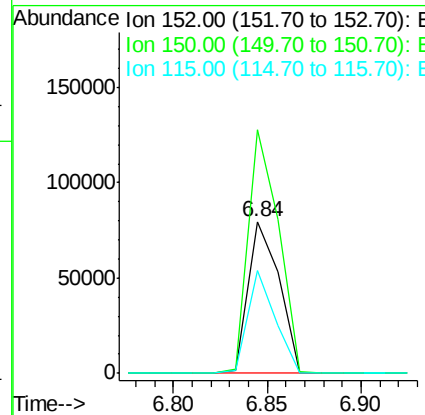
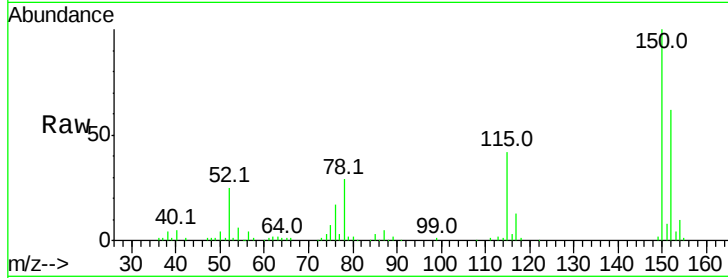
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087776.D
Acq: 7 Jun 2016 5:28

Instrument :
BNA_F
ClientSampleId :
MW-14DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	123.8	185.6
115	67.5	39.6	59.4

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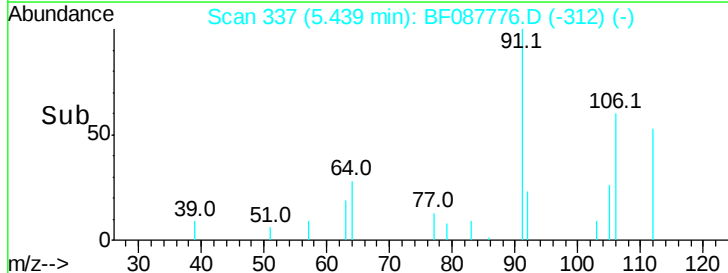
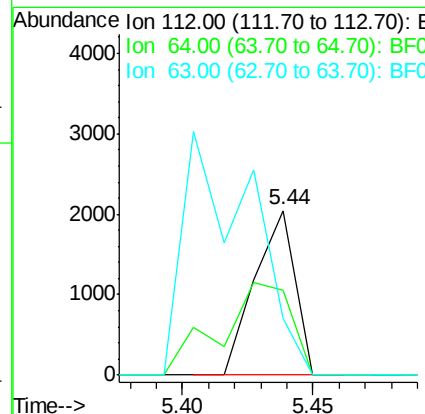
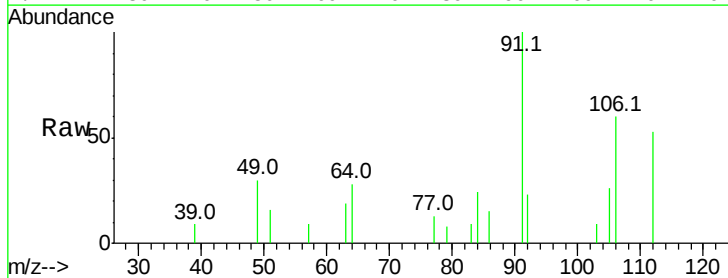
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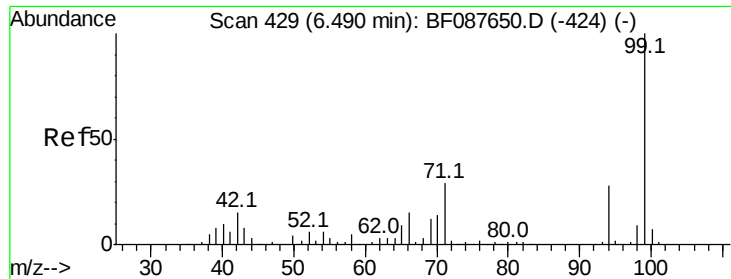


#5

2-Fluorophenol
Concen: 0.39 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.01 min
Lab File: BF087776.D
Acq: 7 Jun 2016 5:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.2	63.2
63	34.7	21.8	32.8





#7

Phenol-d6

Concen: 0.26 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087776.D

Acq: 7 Jun 2016 5:28

Instrument :

BNA_F

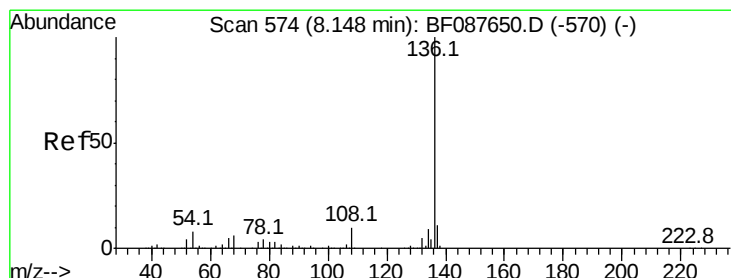
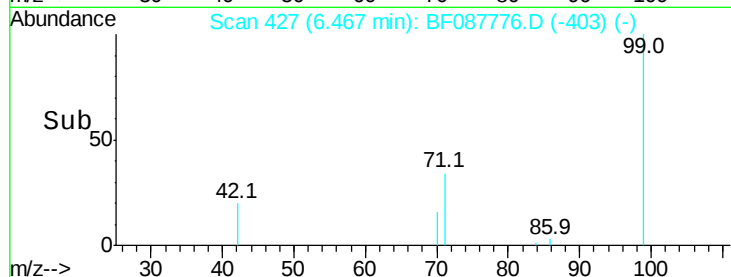
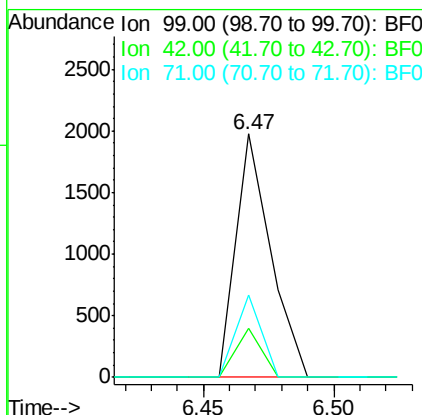
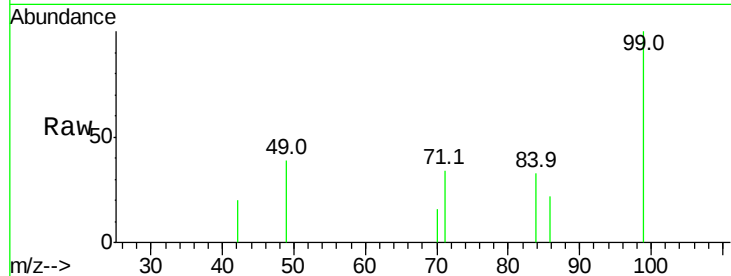
ClientSampled :

MW-14DL

Tot Ion:	99	Resp:	1844
Ion Ratio	Lower	Upper	
99	100		
42	20.1	12.2	18.2#
71	33.7	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

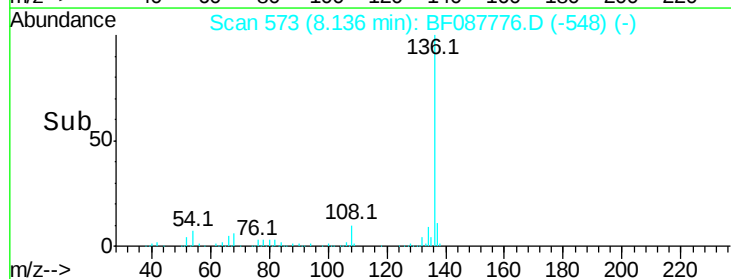
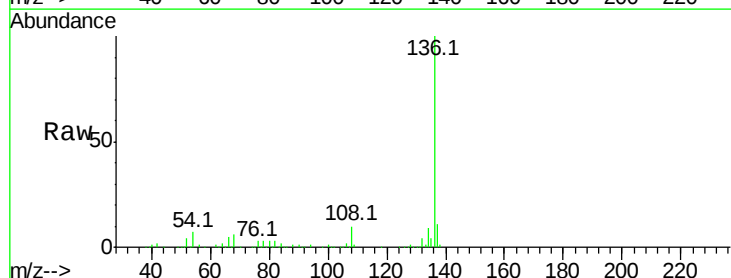
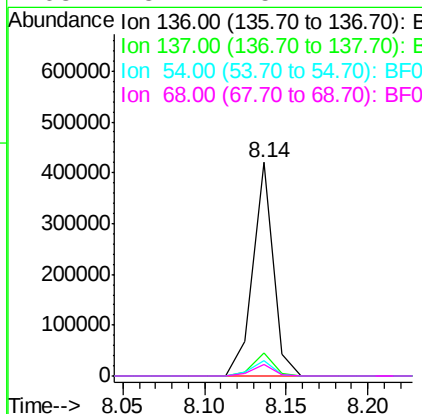
RT: 8.14 min Scan# 573

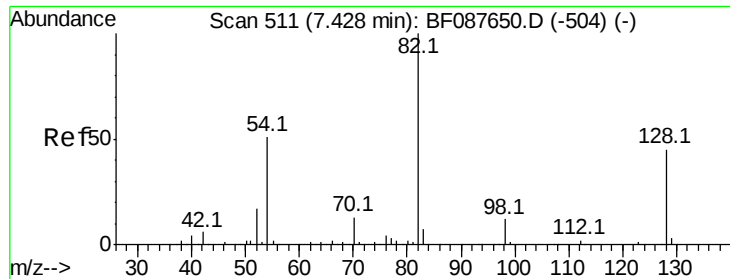
Delta R.T. -0.01 min

Lab File: BF087776.D

Acq: 7 Jun 2016 5:28

Tgt Ion:	136	Resp:	365560
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	7.2	6.6	10.0
68	5.7	5.1	7.7





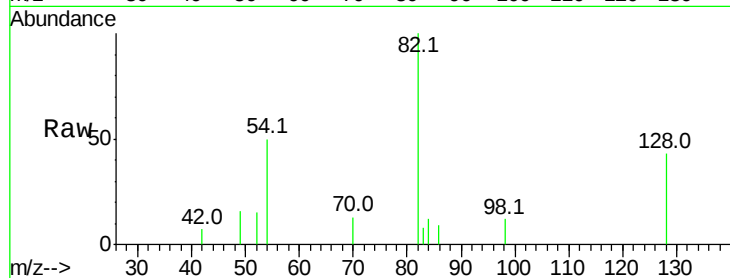
#23
Nitrobenzene-d5
Concen: 0.60 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF087776.D
Acq: 7 Jun 2016 5:28

Instrument :
BNA_F
ClientSampleId :
MW-14DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.9	53.9
54	50.4	40.9	61.3

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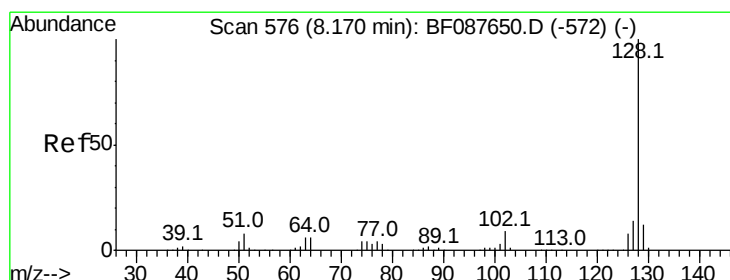
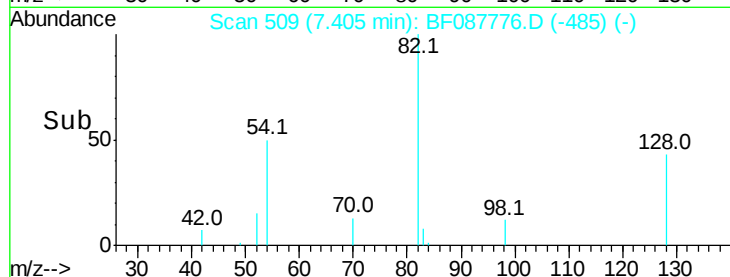
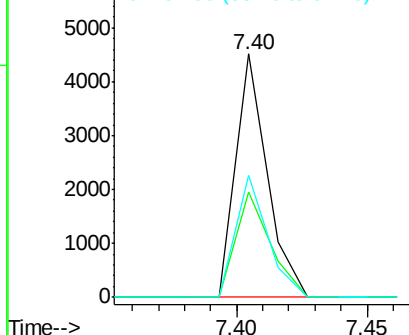


Abundance

Ion 82.00 (81.70 to 82.70): BF0

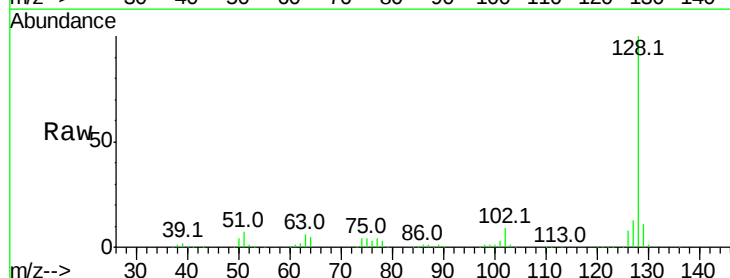
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31
Naphthalene
Concen: 52.75 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087776.D
Acq: 7 Jun 2016 5:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.5	10.9	16.3

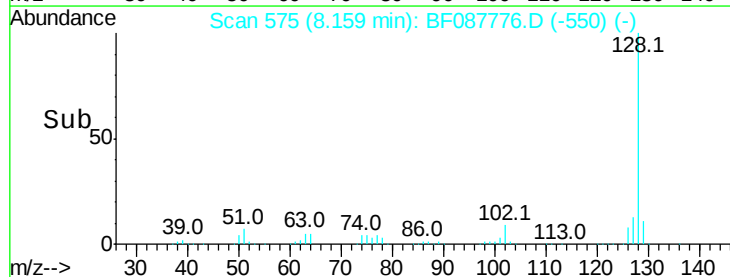
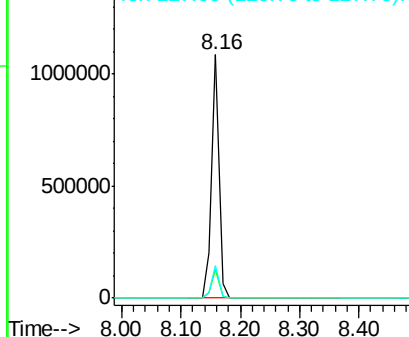


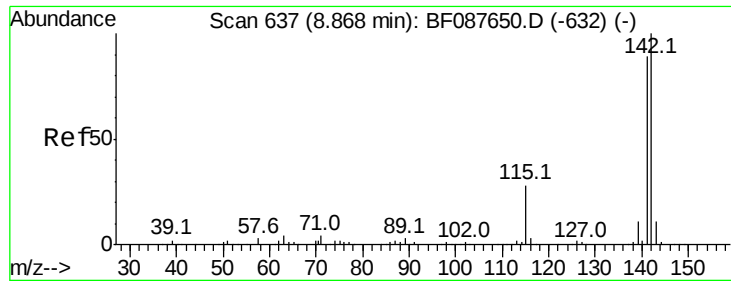
Abundance

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





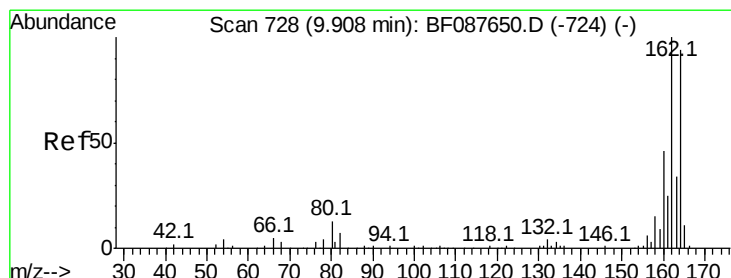
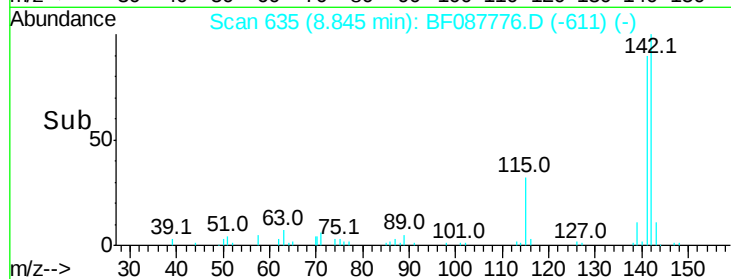
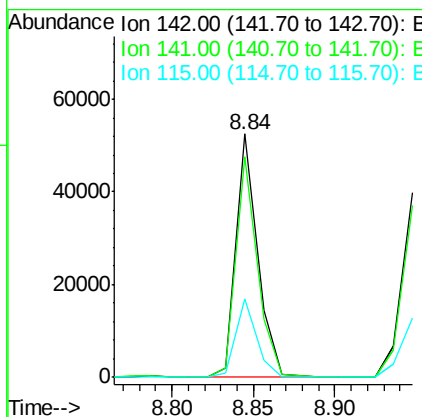
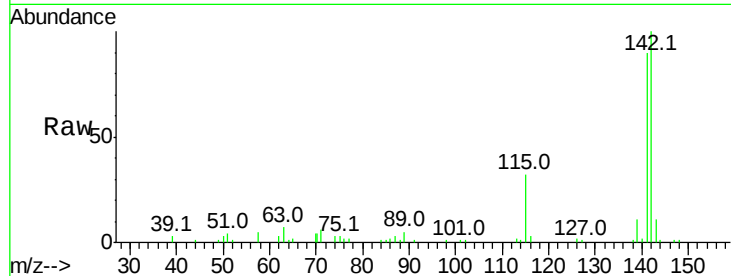
#37
 2-Methylnaphthalene
 Concen: 4.10 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.02 min
 Lab File: BF087776.D
 Acq: 7 Jun 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	32.2	22.6	33.8

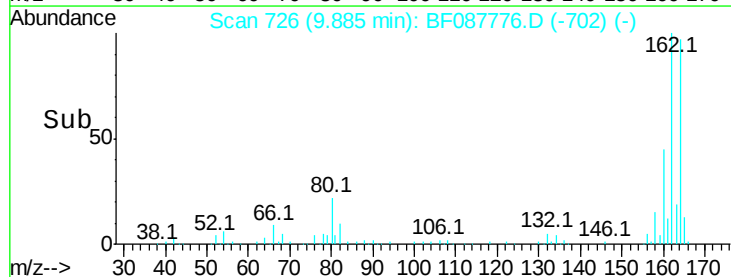
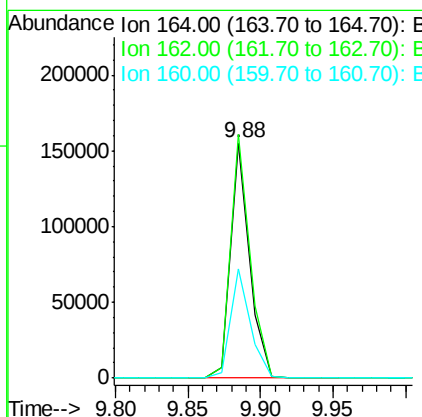
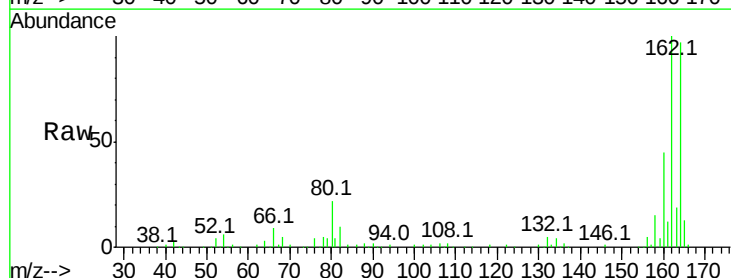
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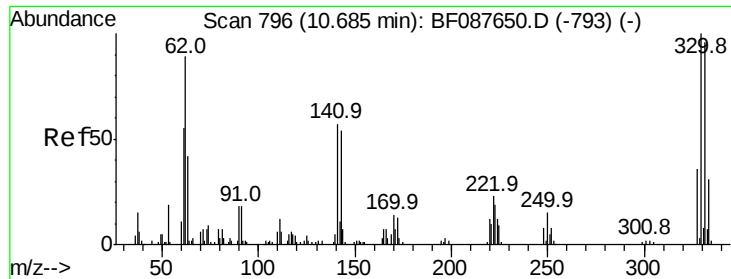
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087776.D
 Acq: 7 Jun 2016 5:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	46.4	39.5	59.3





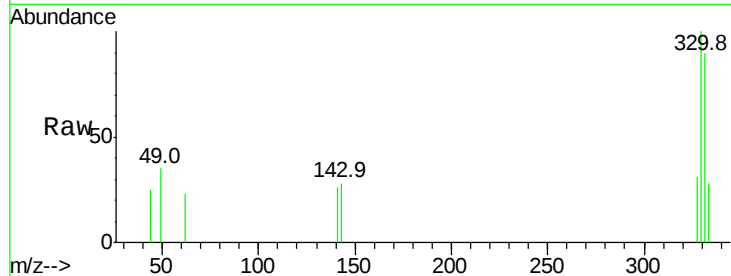
#41
 2,4,6-Tribromophenol
 Concen: 0.68 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087776.D
 Acq: 7 Jun 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

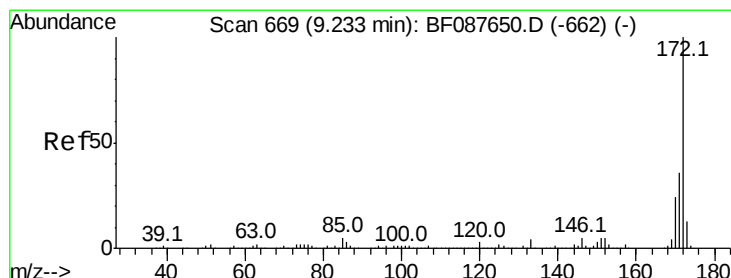
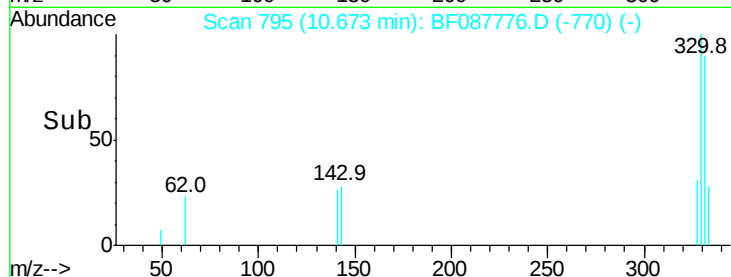
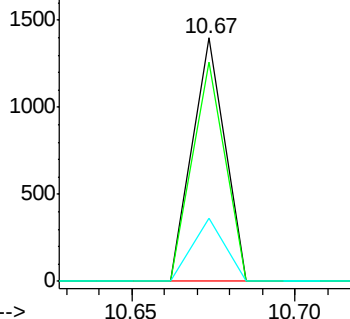
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	90.0	0.0	0.0#
141	25.8	0.0	0.0#

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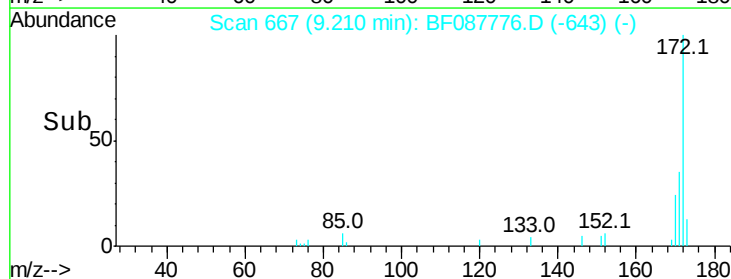
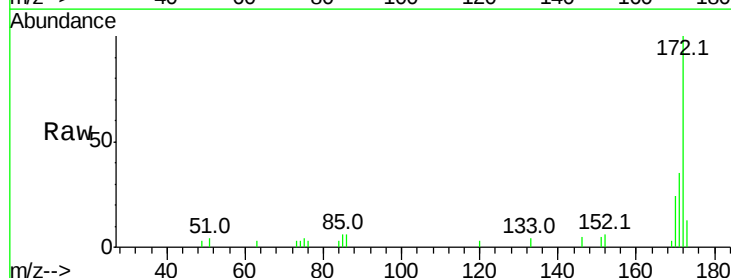
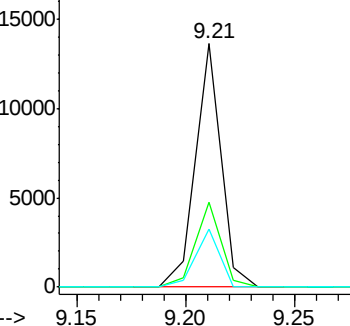
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

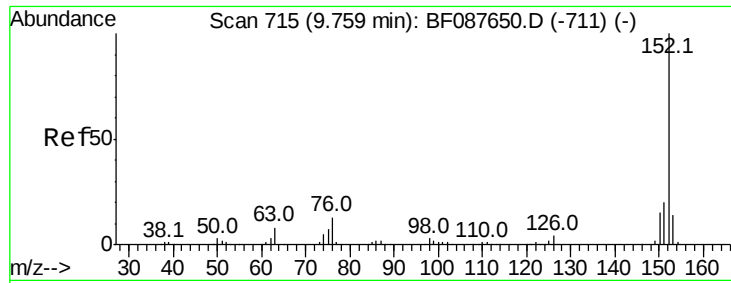


#44
 2-Fluorobiphenyl
 Concen: 1.21 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087776.D
 Acq: 7 Jun 2016 5:28

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.6	28.6	43.0
170	23.8	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





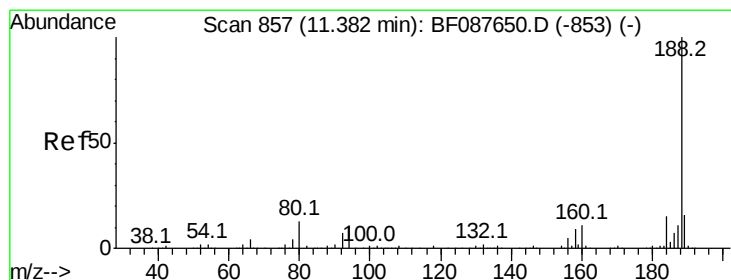
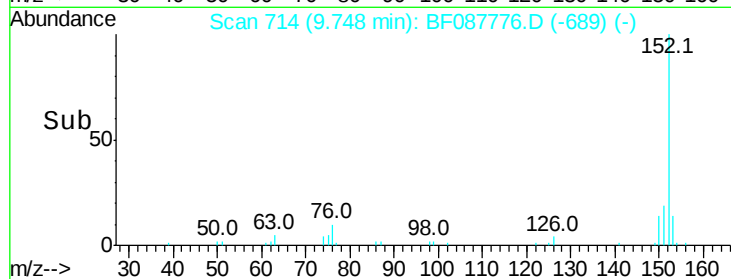
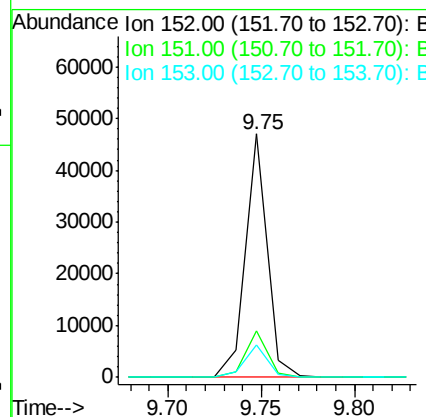
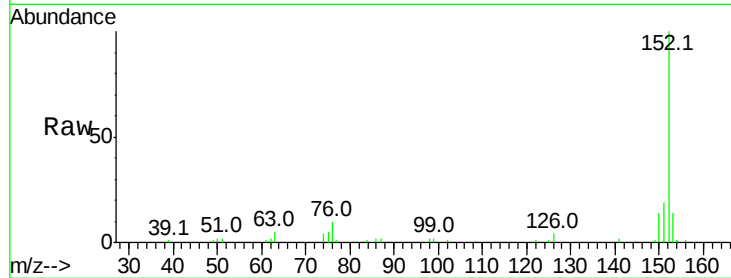
#48
Acenaphthylene
Concen: 2.71 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF087776.D
Acq: 7 Jun 2016 5:28

Instrument :
BNA_F
ClientSampleId :
MW-14DL

Tot Ion:	152	Resp:	38547
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.2	24.4
153	13.5	11.0	16.6

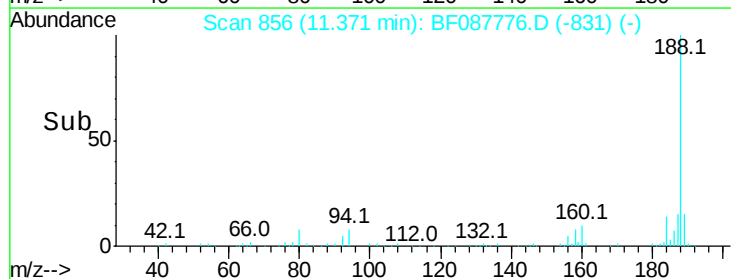
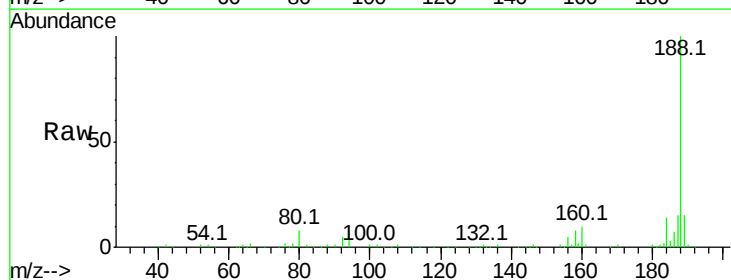
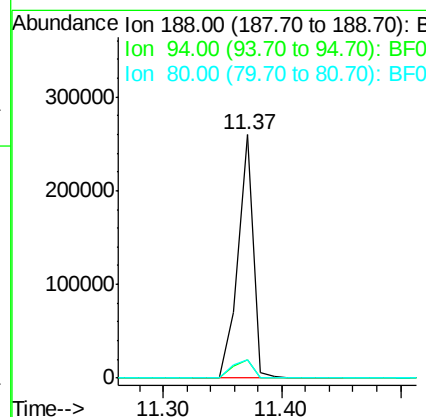
Manual Integrations
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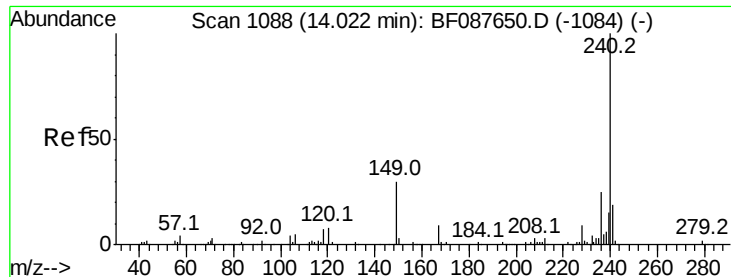
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087776.D
Acq: 7 Jun 2016 5:28

Tgt Ion:	188	Resp:	233007
Ion Ratio	Lower	Upper	
188	100		
94	7.8	9.0	13.6#
80	7.6	10.0	15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087776.D

Acq: 7 Jun 2016 5:28

Instrument :

BNA_F

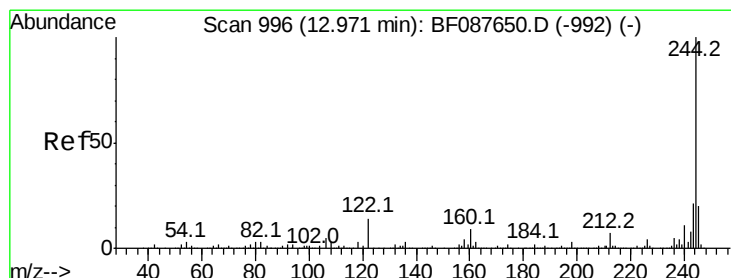
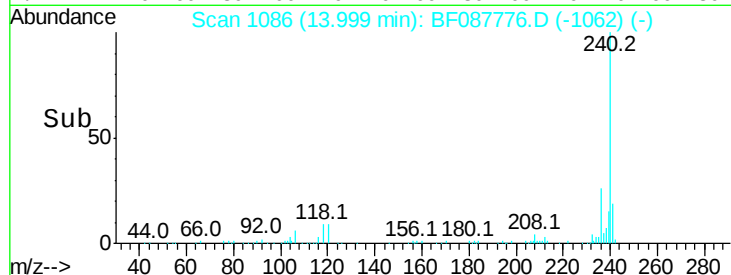
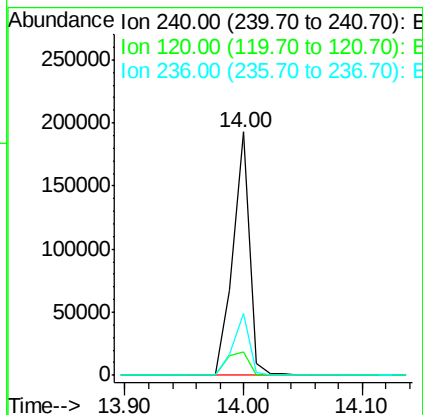
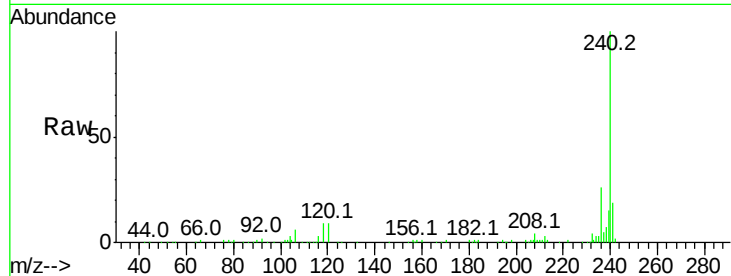
ClientSampled :

MW-14DL

Tot Ion:	240	Resp:	187545
Ion Ratio	Lower	Upper	
240	100		
120	9.4	6.8	10.2
236	25.7	20.2	30.2

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#78

Terphenyl-d14

Concen: 0.93 ng

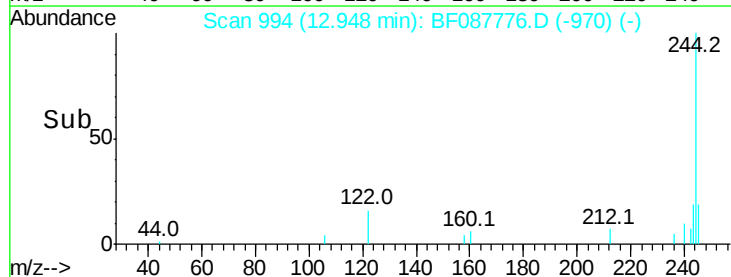
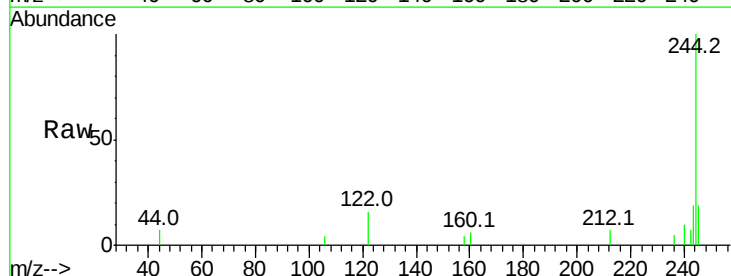
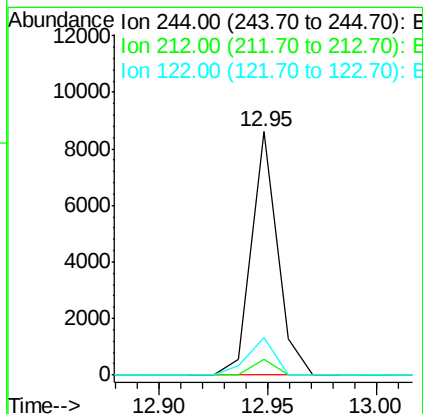
RT: 12.95 min Scan# 994

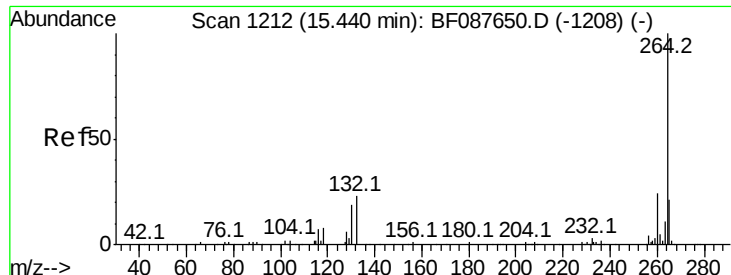
Delta R.T. -0.02 min

Lab File: BF087776.D

Acq: 7 Jun 2016 5:28

Tgt Ion:	244	Resp:	7172
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	15.5	11.2	16.8





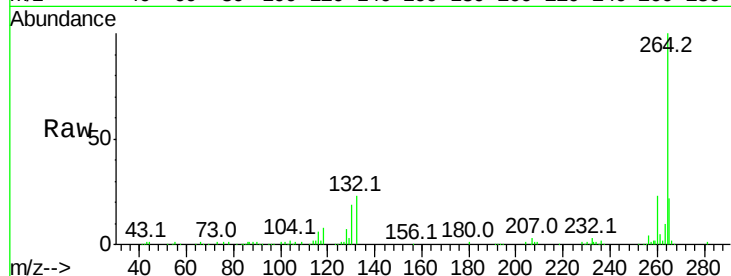
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF087776.D
Acq: 7 Jun 2016 5:28

Instrument :
BNA_F
ClientSampleId :
MW-14DL

Tot Ion:	264	Resp:	140480
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.2	28.8
265	21.7	16.9	25.3

Manual Integrations
APPROVED

sohil
6/7/2016 7:23:09 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

