

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087773.D
 Acq On : 7 Jun 2016 3:57
 Operator : UM/SJ
 Sample : H3344-01DL 25X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8DL

Manual Integrations
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Quant Time: Jun 07 06:58:47 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	92255	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	366349	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	145082	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	245312	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	197167	20.00	ng	-0.02
86) Perylene-d12	15.43	264	145657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	17246	3.02	ng	-0.01
7) Phenol-d6	6.47	99	13988	1.95	ng	-0.02
23) Nitrobenzene-d5	7.40	82	29296	4.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	9738	6.69	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	71094	6.05	ng	-0.02
78) Terphenyl-d14	12.95	244	45216	5.60	ng	-0.02
Target Compounds						
31) Naphthalene	8.16	128	1087285	61.04	ng	Qvalue 100
37) 2-Methylnaphthalene	8.84	142	30948m	2.63	ng	

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

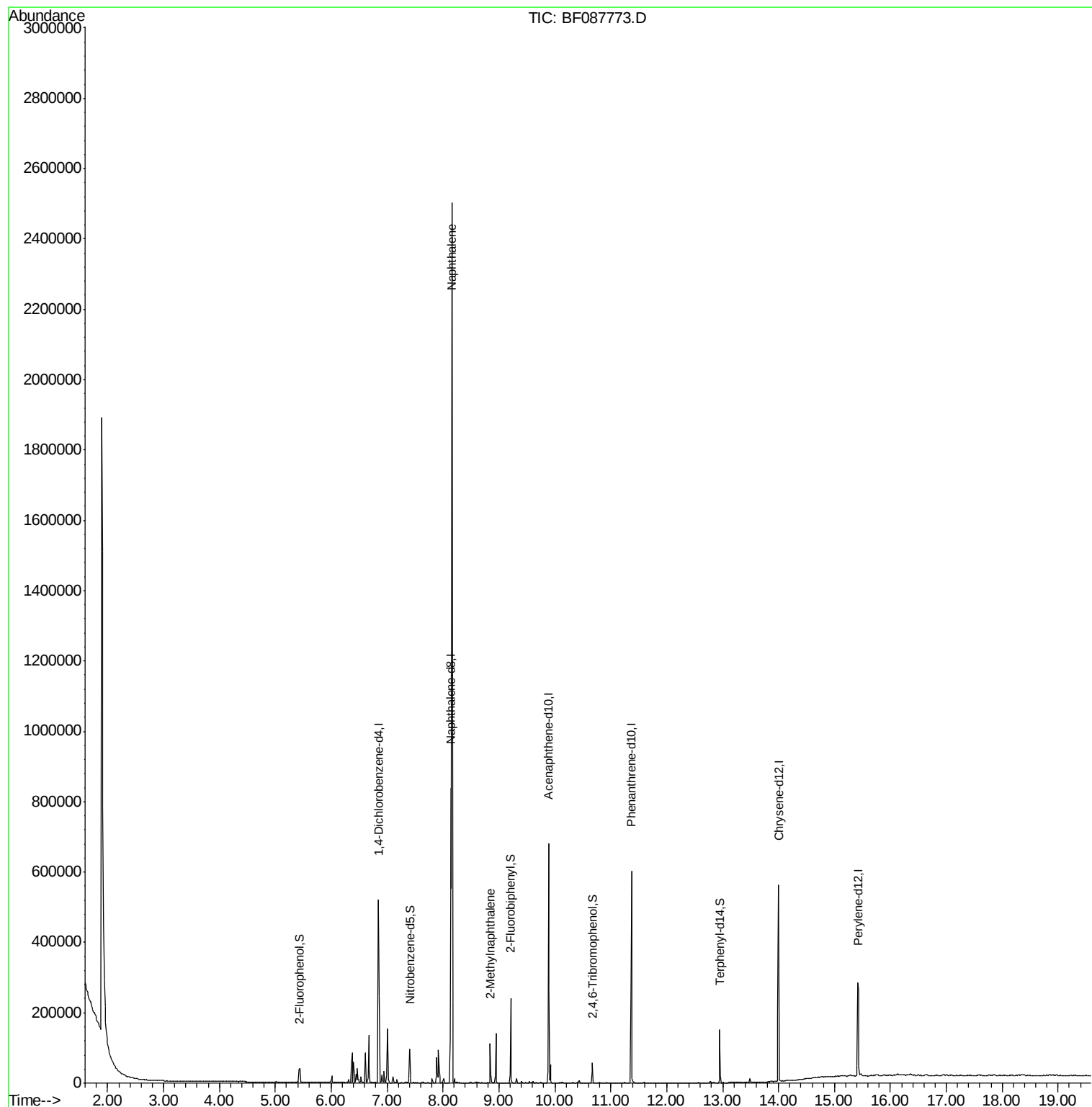
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087773.D
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ALS Vial : 28 Sample Multiplier: 1

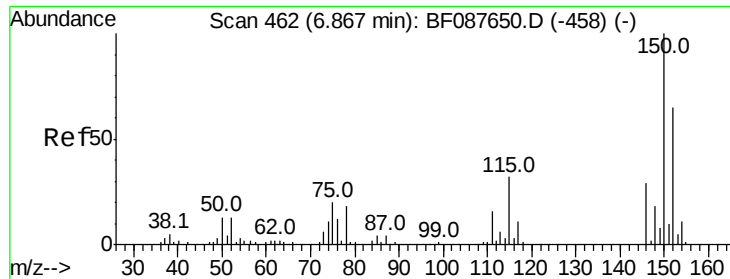
Instrument :
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MW-8DL

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Quant Time: Jun 07 06:58:47 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: BF087773.D

Acq: 7 Jun 2016 3:57

Instrument :

BNA_F

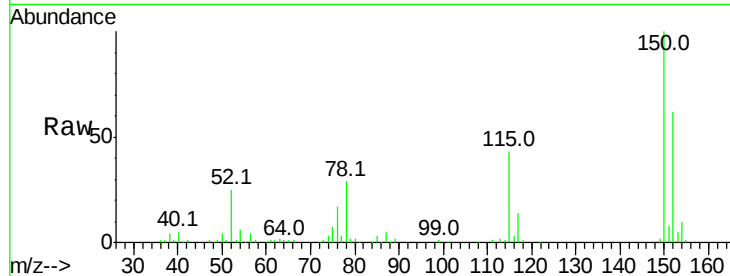
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MW-8DL

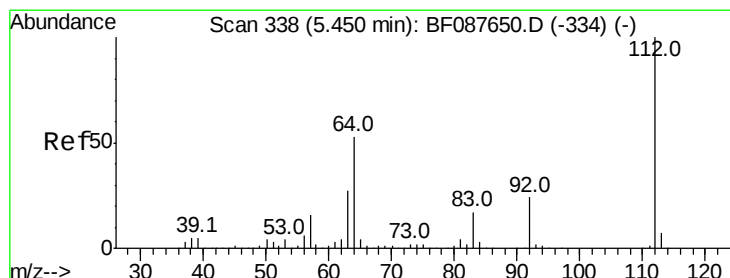
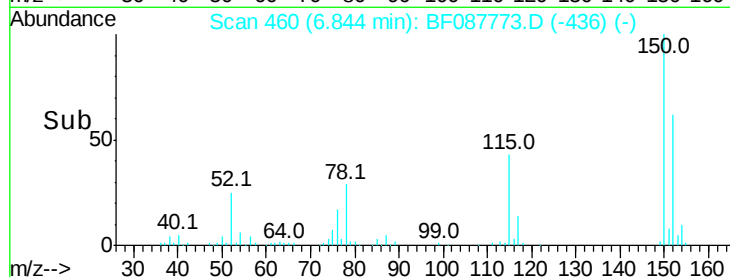
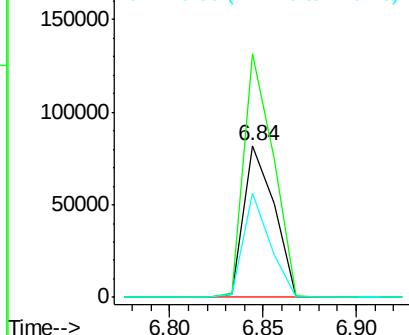
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Tot Ion:	152	Resp:	92255
Ion Ratio	Lower	Upper	
152	100		
150	160.6	123.8	185.6
115	68.8	39.6	59.4



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: 3.02 ng

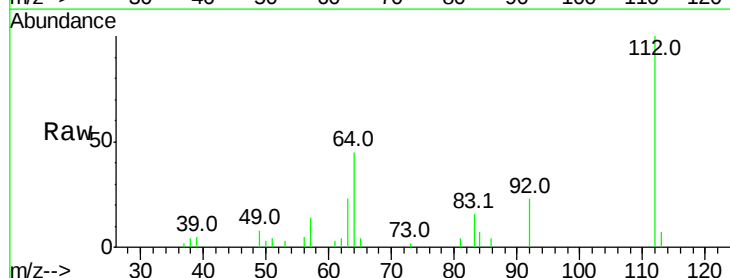
RT: 5.44 min Scan# 337

Delta R.T. -0.01 min

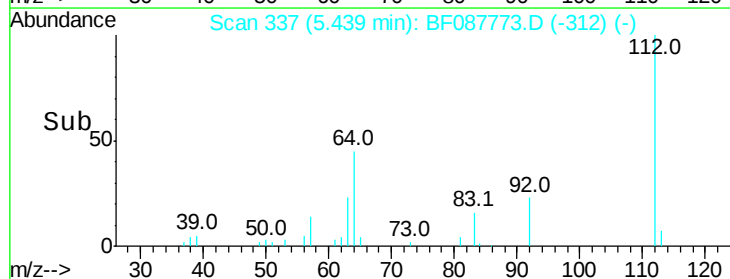
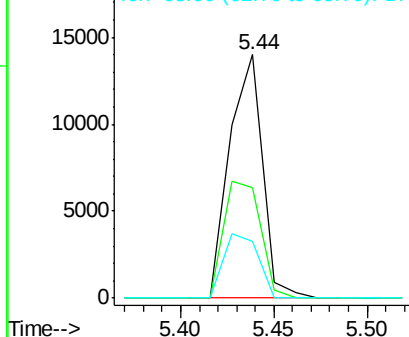
Lab File: BF087773.D

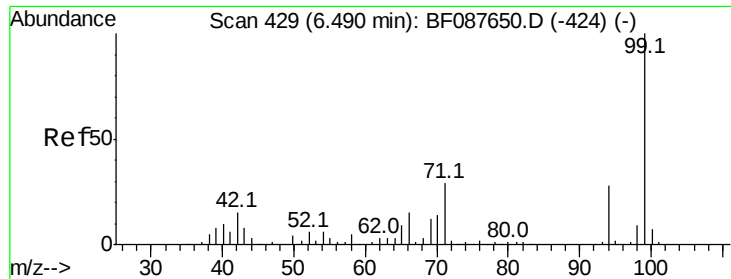
Acq: 7 Jun 2016 3:57

Tgt Ion:	112	Resp:	17246
Ion Ratio	Lower	Upper	
112	100		
64	45.5	42.2	63.2
63	23.2	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: 1.95 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087773.D

Acq: 7 Jun 2016 3:57

Instrument :

BNA_F

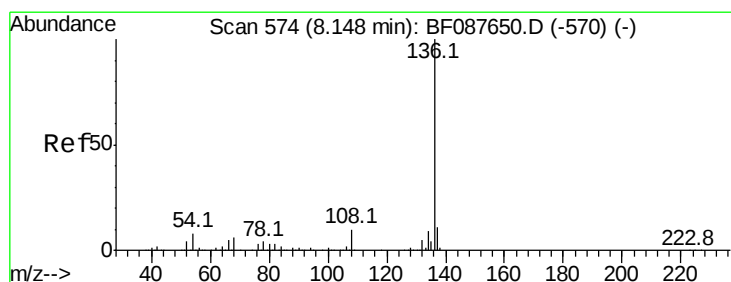
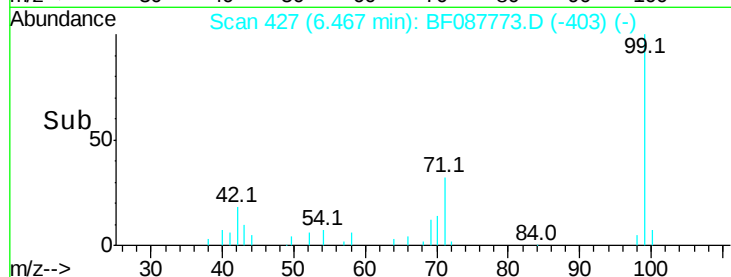
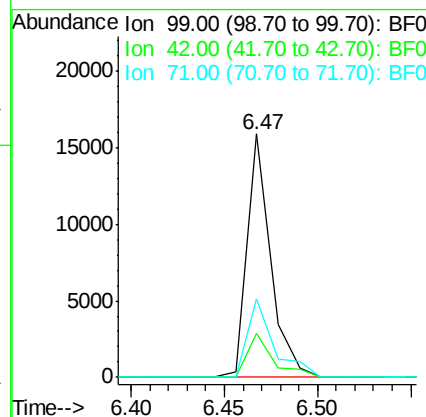
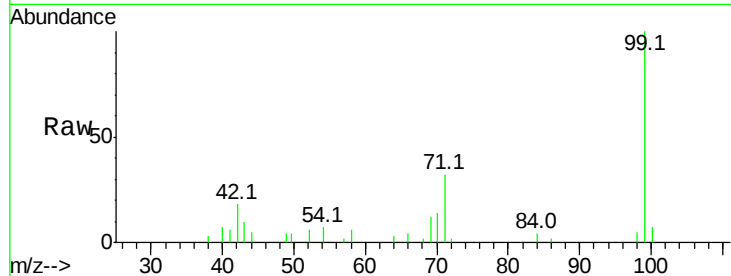
ClientSampleId :

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Tot Ion:	99	Resp:	13988
Ion Ratio	Lower	Upper	
99	100		
42	17.9	12.2	18.2
71	32.0	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

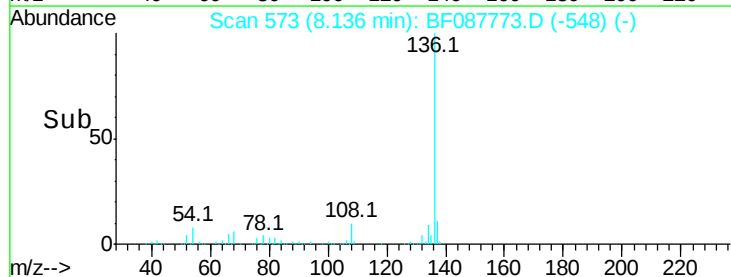
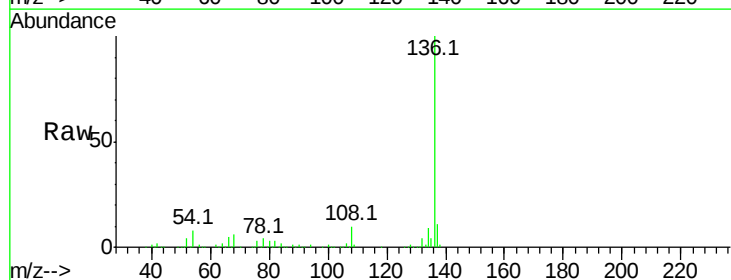
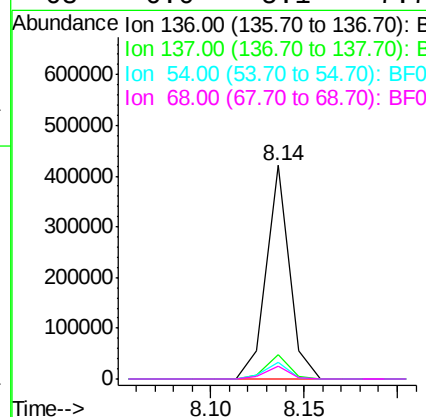
RT: 8.14 min Scan# 573

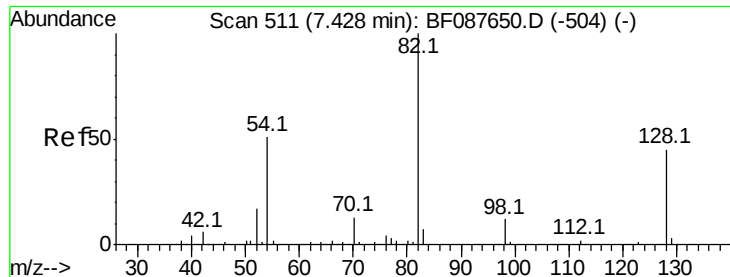
Delta R.T. -0.01 min

Lab File: BF087773.D

Acq: 7 Jun 2016 3:57

Tgt Ion:	136	Resp:	366349
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	7.6	6.6	10.0
68	6.0	5.1	7.7





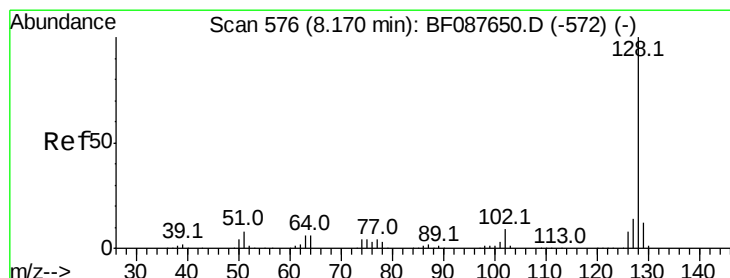
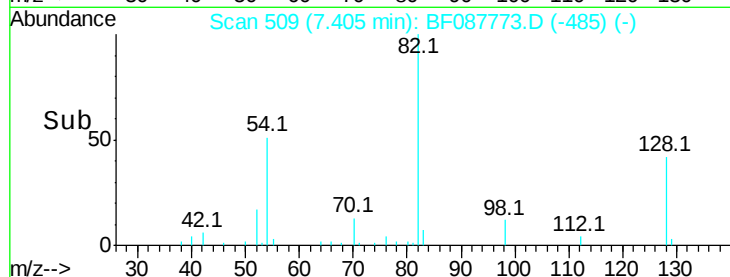
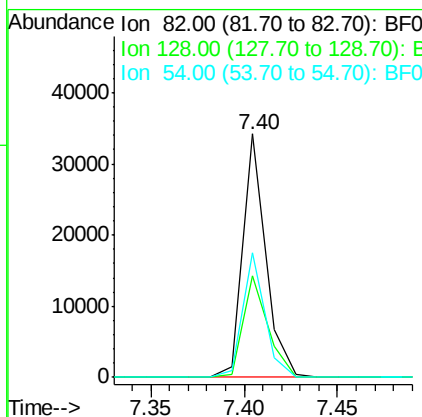
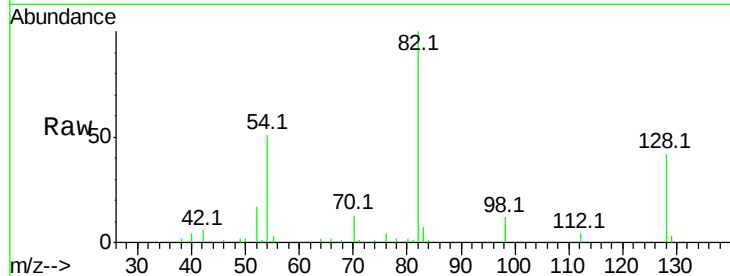
#23
Nitrobenzene-d5
Concen: 4.63 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	35.9	53.9
54	51.1	40.9	61.3

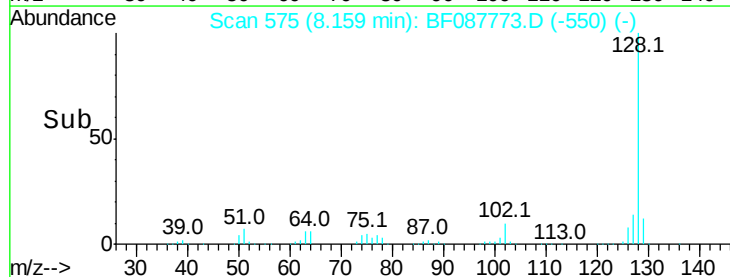
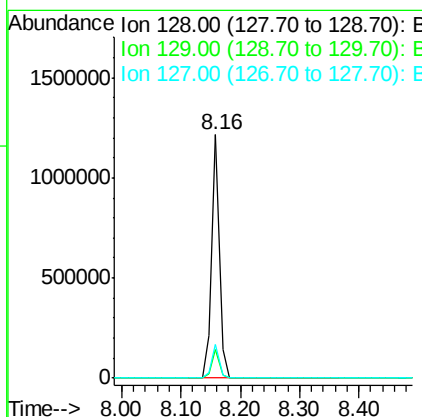
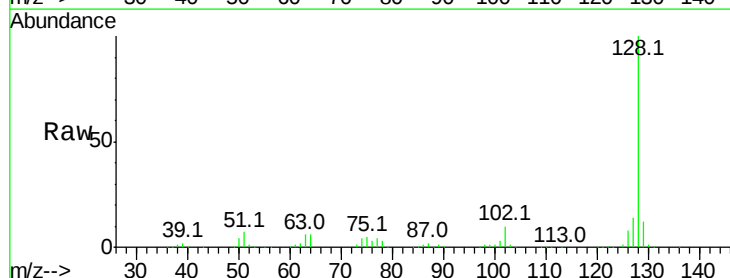
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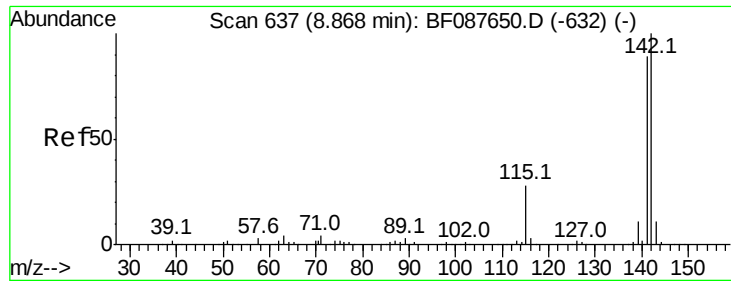
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#31
Naphthalene
Concen: 61.04 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	13.8	10.9	16.3





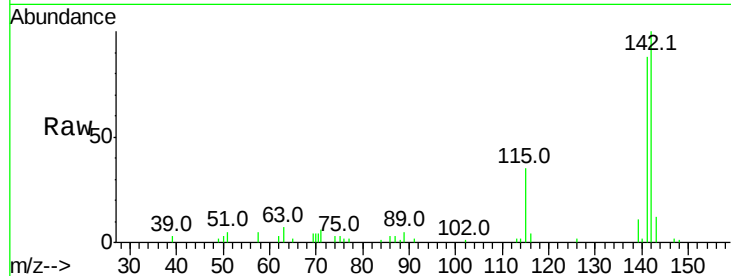
#37
2-Methylnaphthalene
Concen: 2.63 ng/ml
RT: 8.84 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

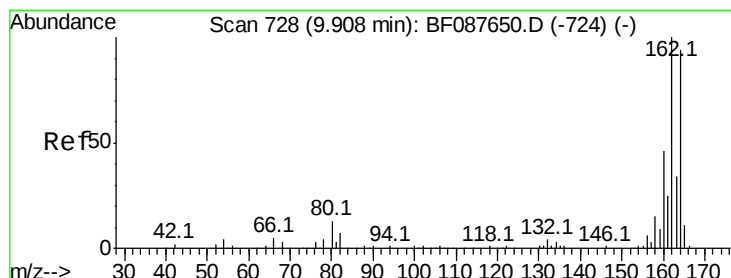
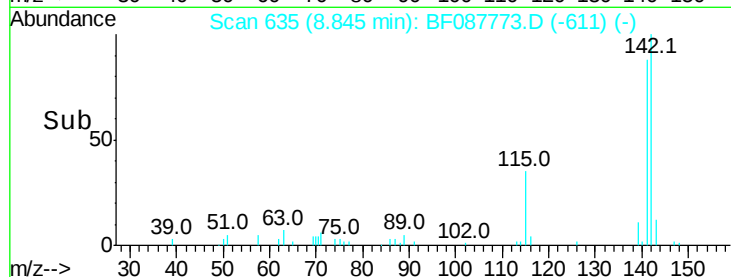
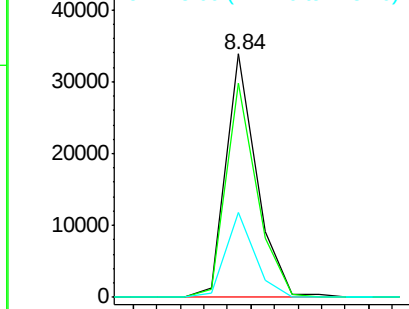
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	35.1	22.6	33.8

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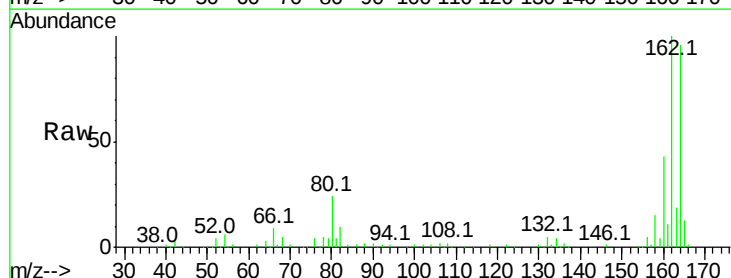


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

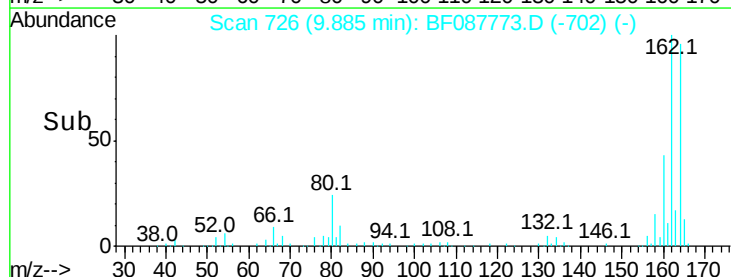
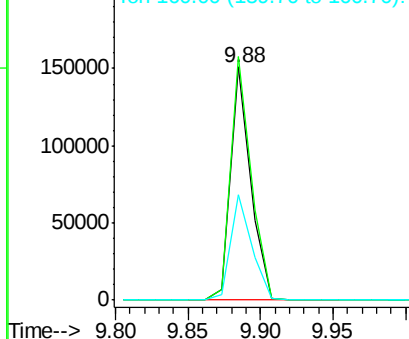


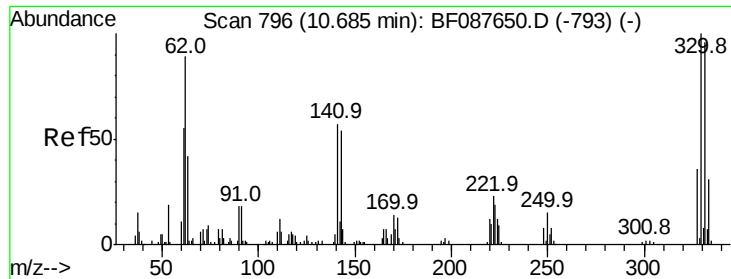
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	45.3	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





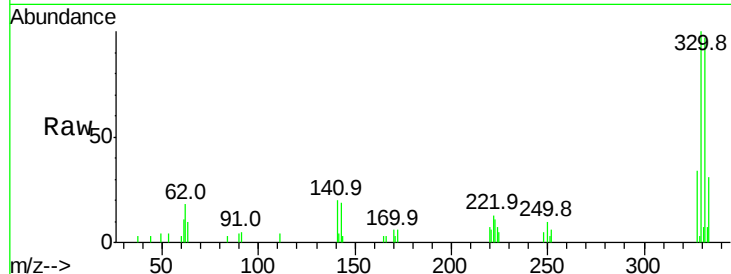
#41
 2,4,6-Tribromophenol
 Concen: 6.69 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087773.D
 Acq: 7 Jun 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-8DL

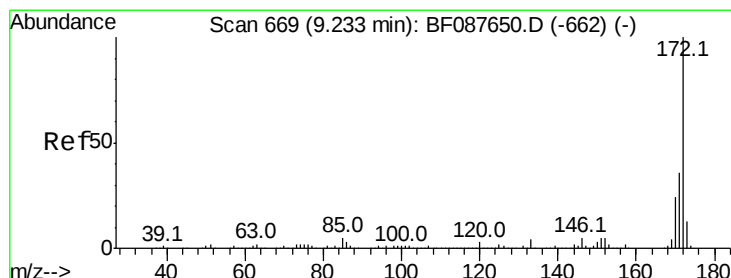
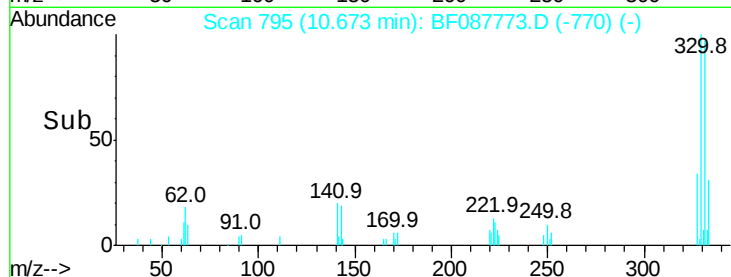
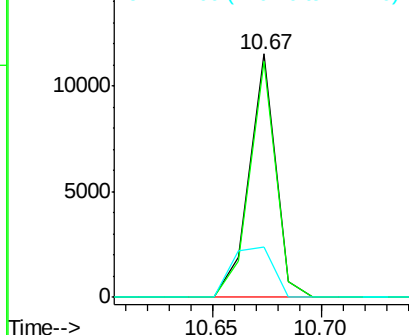
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	0.0	0.0	0.0
141	32.4	0.0	0.0	0.0

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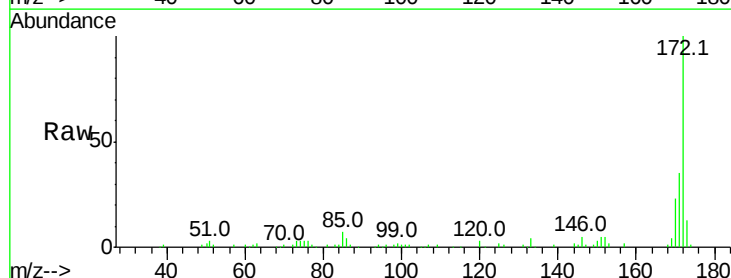


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

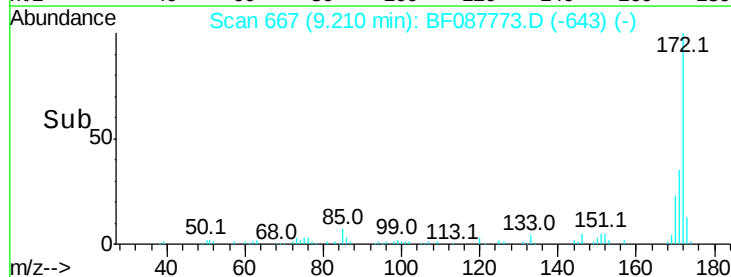
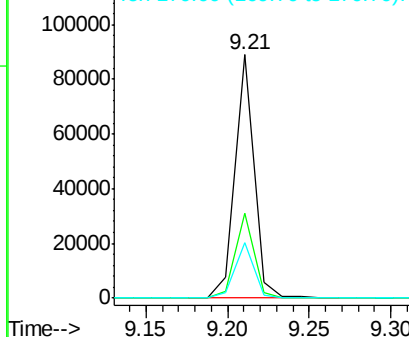


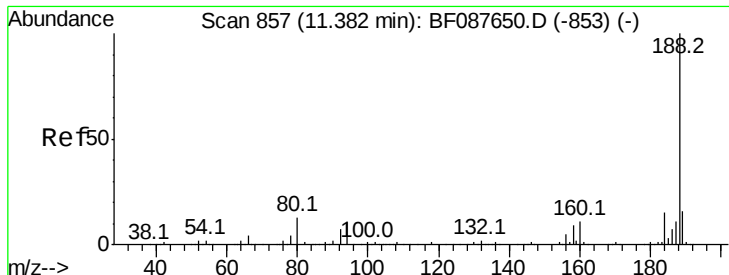
#44
 2-Fluorobiphenyl
 Concen: 6.05 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087773.D
 Acq: 7 Jun 2016 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.9	28.6	43.0	
170	22.8	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





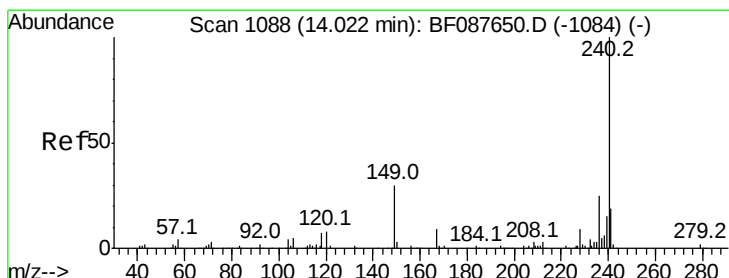
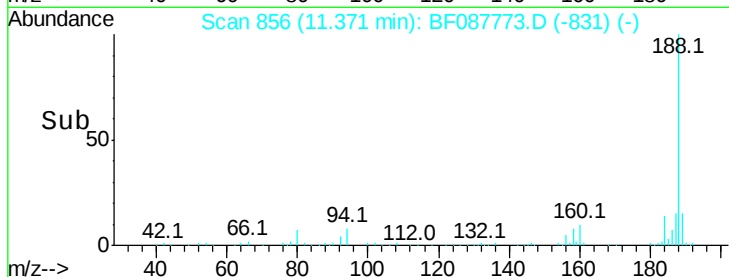
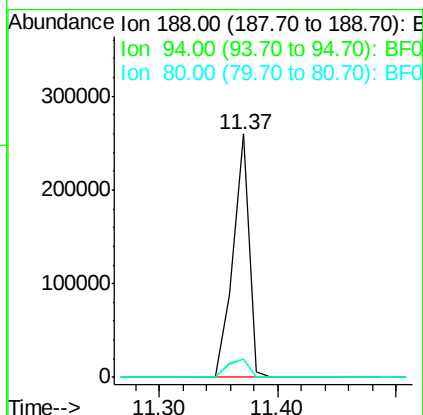
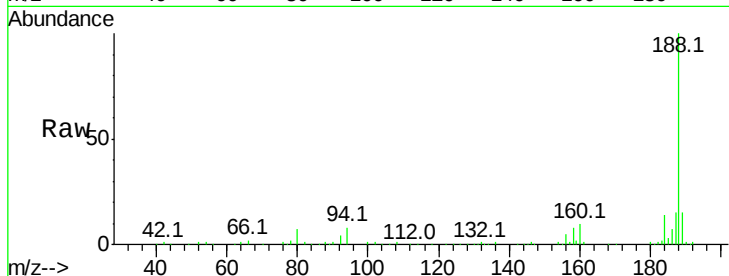
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	9.0	13.6#
80	7.3	10.0	15.0#

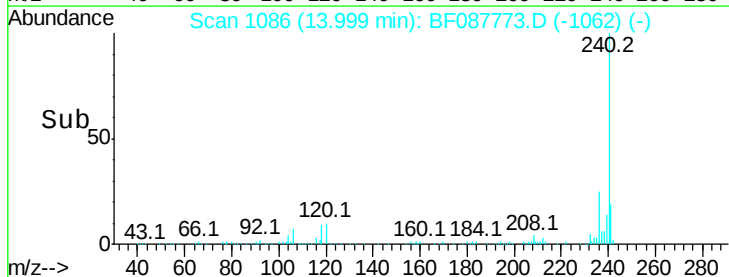
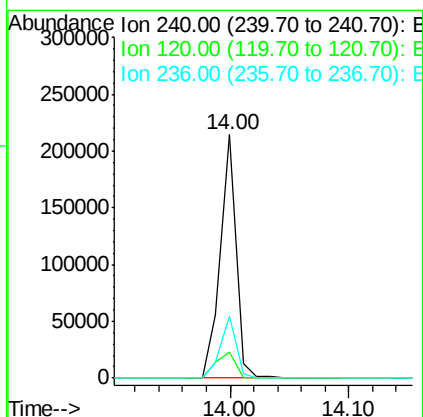
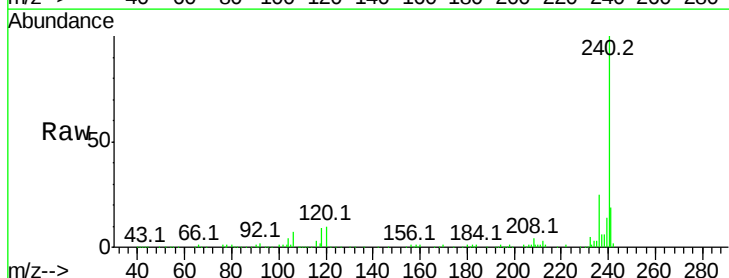
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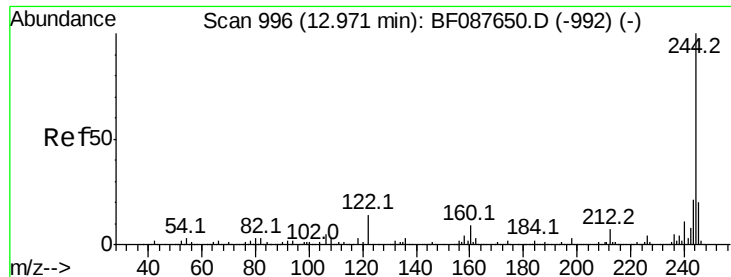
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.5	6.8	10.2#
236	25.3	20.2	30.2





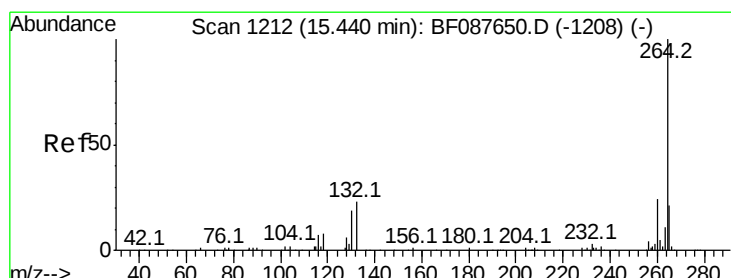
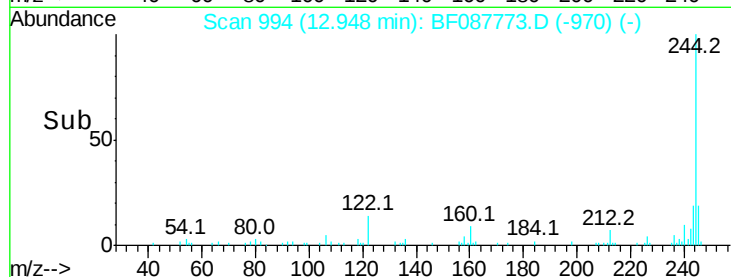
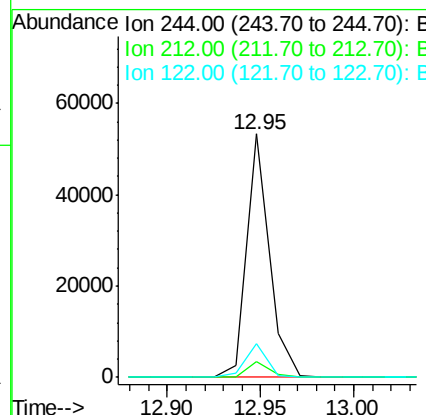
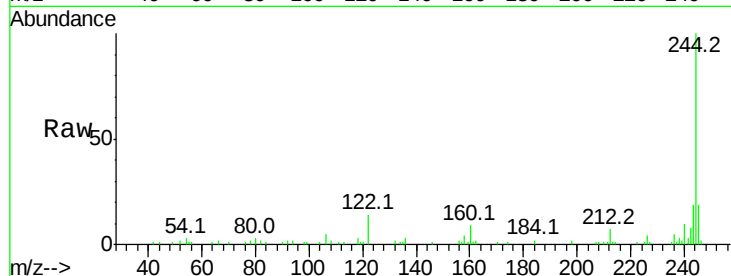
#78
 Terphenyl-d14
 Concen: 5.60 ng
 RT: 12.95 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF087773.D
 Acq: 7 Jun 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-8DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.7	11.2	16.8

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF087773.D
 Acq: 7 Jun 2016 3:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	16.9	25.3

