

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080228.D
 Acq On : 30 Jun 2015 3:41
 Operator : TP/IZ
 Sample : G2829-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Manual Integrations
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 6/30/2015 2:19:31 PM

Quant Time: Jun 30 05:37:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	32178	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	123510	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	66676	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	123100	20.00	ng	-0.05
75) Chrysene-d12	14.81	240	134858	20.00	ng	-0.18
86) Perylene-d12	16.69	264	133370	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	108084	59.46	ng	-0.03
7) Phenol-d6	6.90	99	113859	47.07	ng	-0.02
23) Nitrobenzene-d5	7.85	82	211429	99.66	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	83391	127.90	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	400553	85.67	ng	-0.03
78) Terphenyl-d14	13.55	244	484373	83.88	ng	-0.13
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.68	107	14089	6.08	ng	85
27) 2,4-Dimethylphenol	8.22	122	14134m	7.40	ng	
31) Naphthalene	8.61	128	187776	29.08	ng	98
32) Benzoic acid	8.26	122	4918	4.26	ng	# 70
37) 2-Methylnaphthalene	9.30	142	172651	41.33	ng	# 91
49) Dimethylphthalate	10.05	163	16378	3.27	ng	# 91
51) Acenaphthene	10.39	154	9065	2.02	ng	# 79
54) Dibenzofuran	10.56	168	13218	2.07	ng	# 85
57) Fluorene	10.92	166	13449	2.66	ng	# 82
70) Phenanthrene	11.89	178	15145	2.03	ng	# 94

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

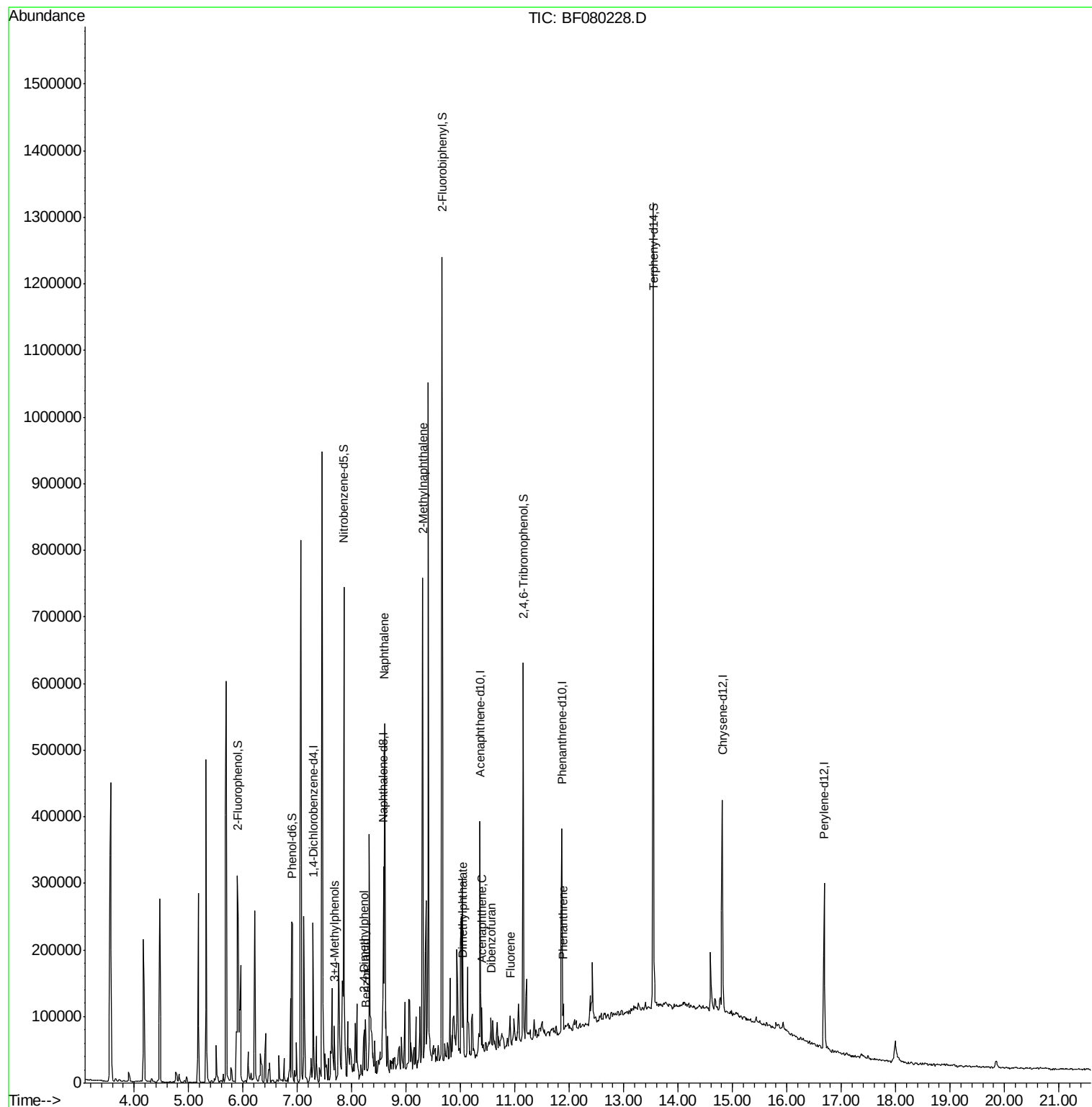
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080228.D
Acq On : 30 Jun 2015 3:41
Operator : TP/IZ
Sample : G2829-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

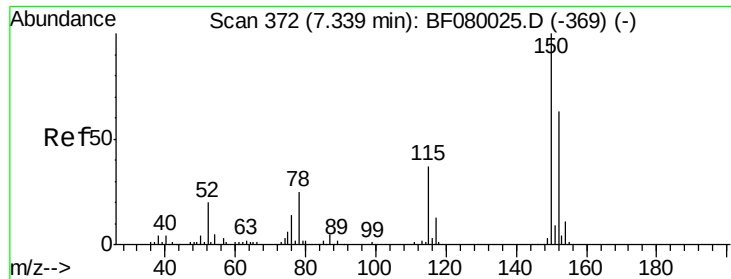
Instrument :
BNA_F
ClientSampleId :
MW-9

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Quant Time: Jun 30 05:37:03 2015
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QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Instrument :

BNA_F

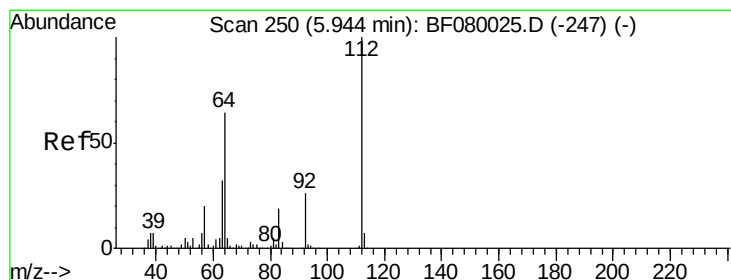
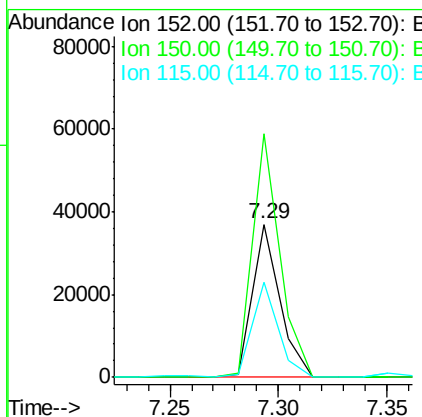
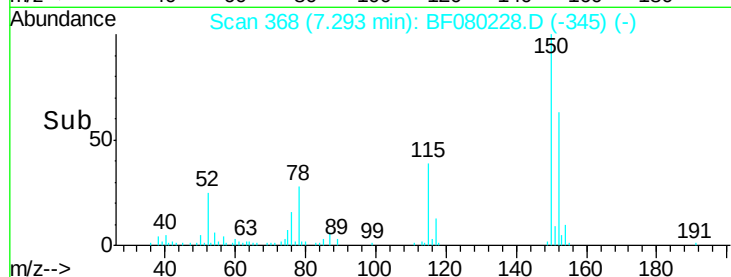
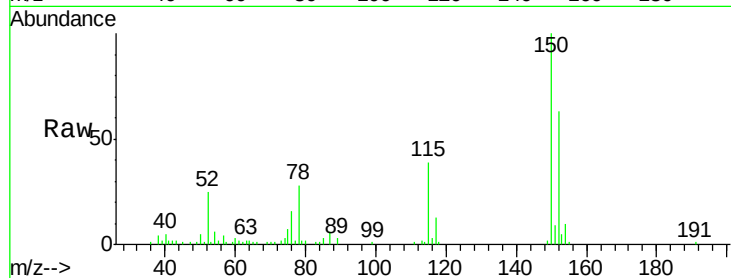
ClientSampled :

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.7	187.1
115	62.1	39.0	58.4



#5

2-Fluorophenol

Concen: 59.46 ng

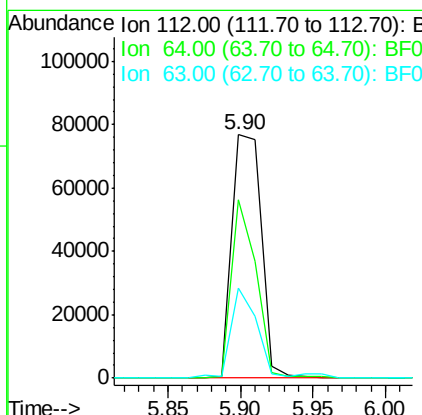
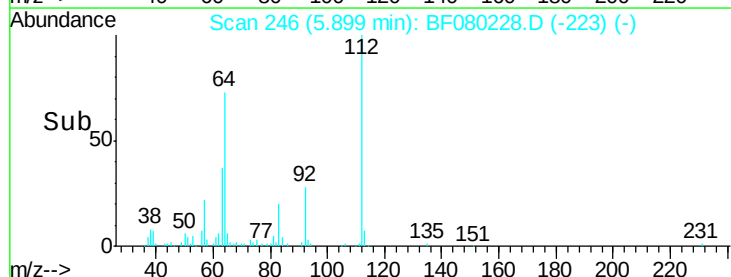
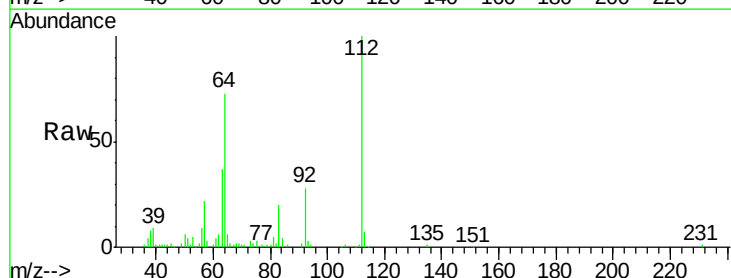
RT: 5.90 min Scan# 246

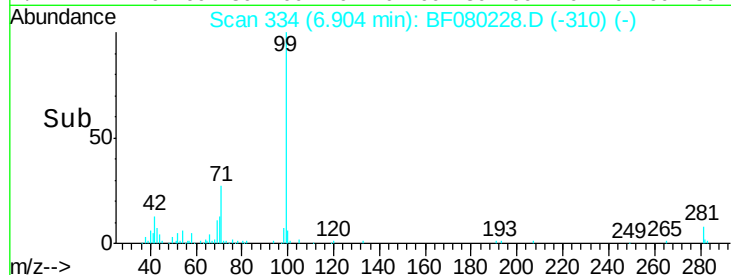
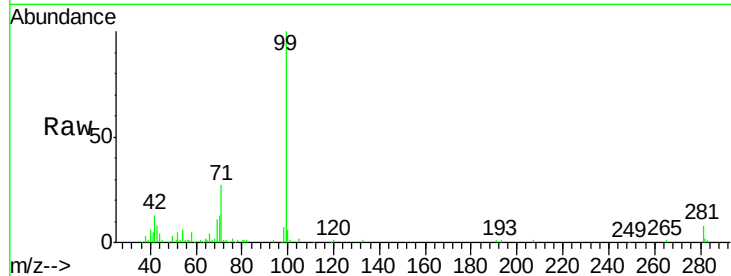
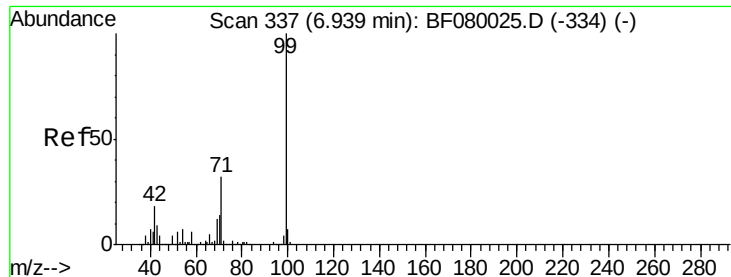
Delta R.T. -0.03 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	39.7	59.5
63	36.9	17.4	26.0





#7

Phenol-d6

Concen: 47.07 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Instrument :

BNA_F

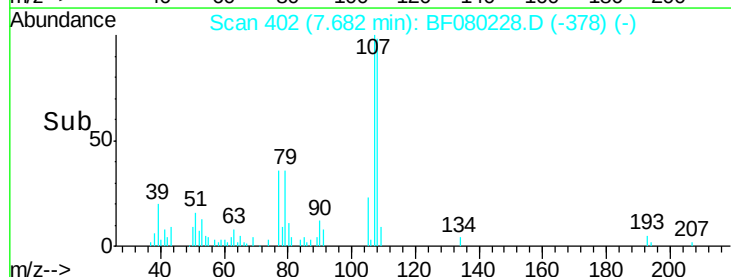
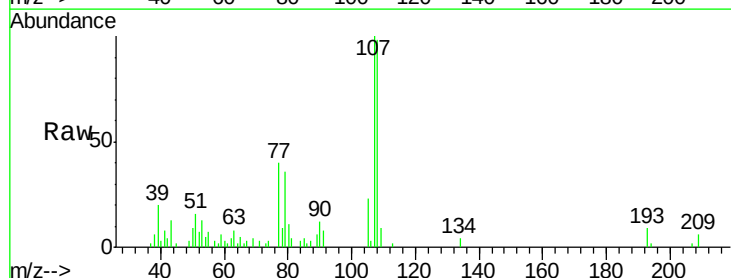
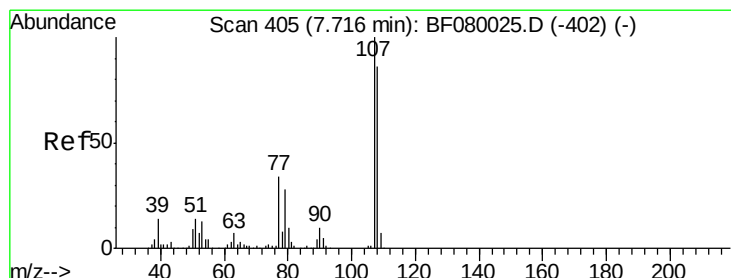
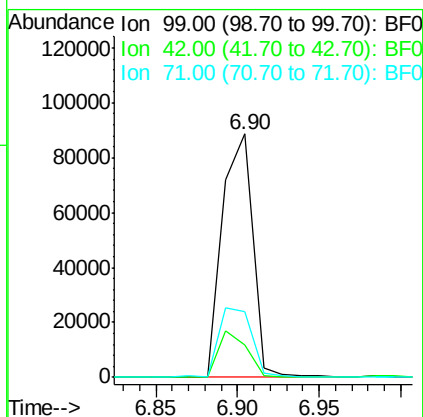
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	113859		
42	13.3	13.7	20.5#	
71	27.1	14.2	21.2#	



#20

3+4-Methylphenols

Concen: 6.08 ng

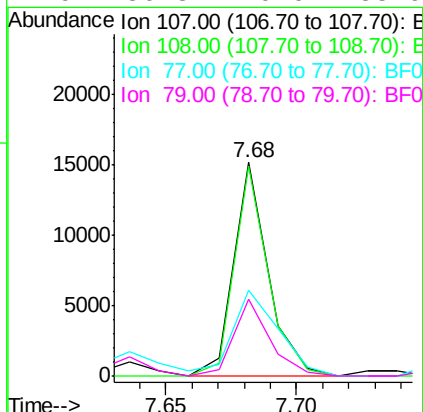
RT: 7.68 min Scan# 402

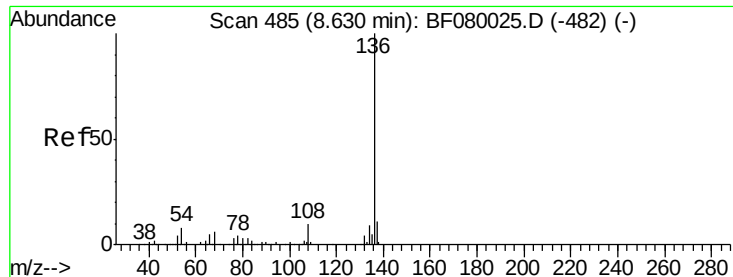
Delta R.T. -0.02 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

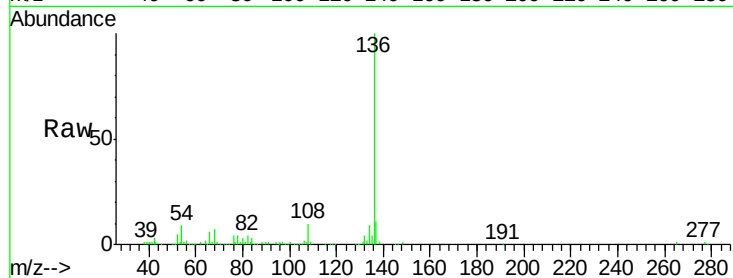
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	14089		
108	98.3	74.6	114.6	
77	40.2	0.7	40.7	
79	36.3	0.0	38.9	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

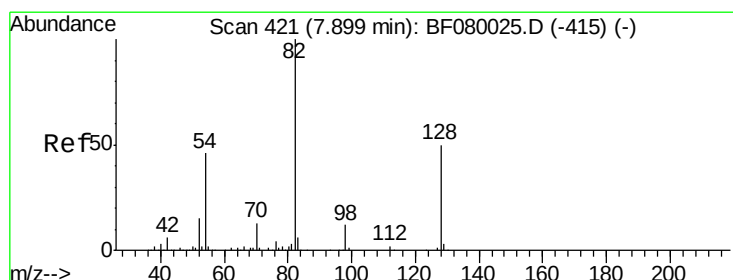
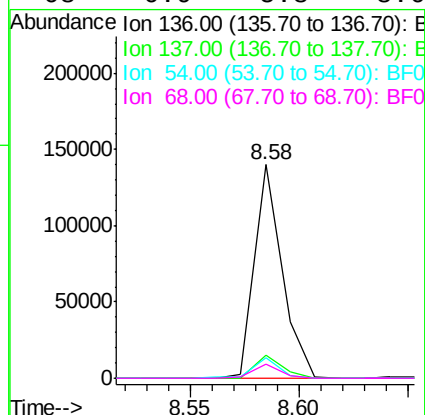
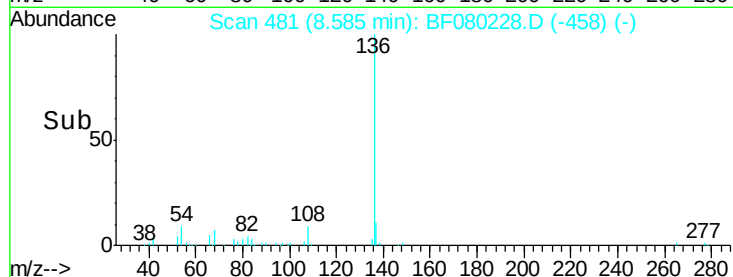
Instrument :
BNA_F
ClientSampleId :
MW-9



Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.9	9.0	13.6
54	9.3	8.2	12.2
68	6.9	5.8	8.6

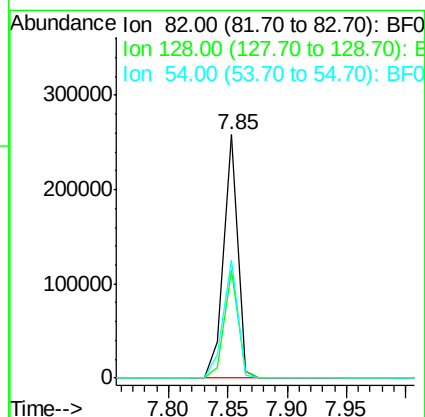
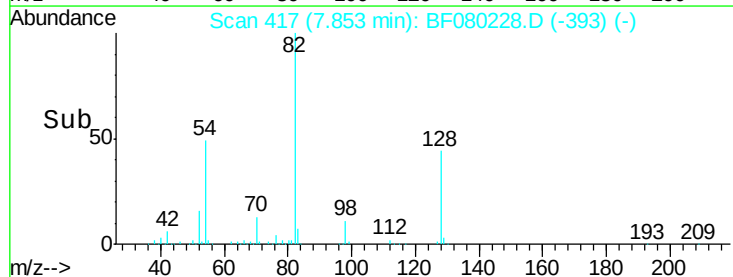
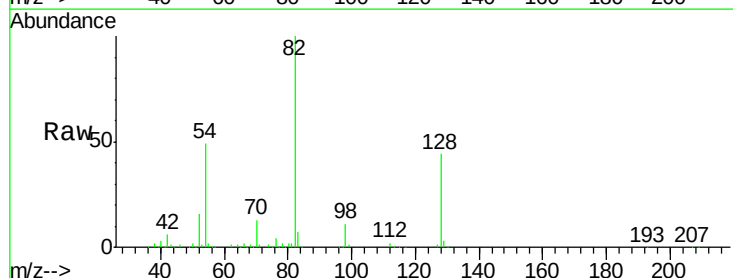
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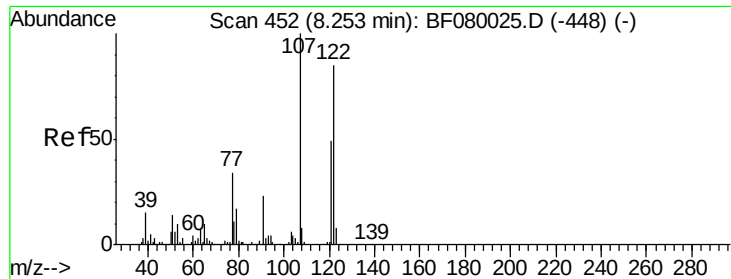
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#23
Nitrobenzene-d5
Concen: 99.66 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080228.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	44.1	51.0	76.6#
54	48.8	47.5	71.3





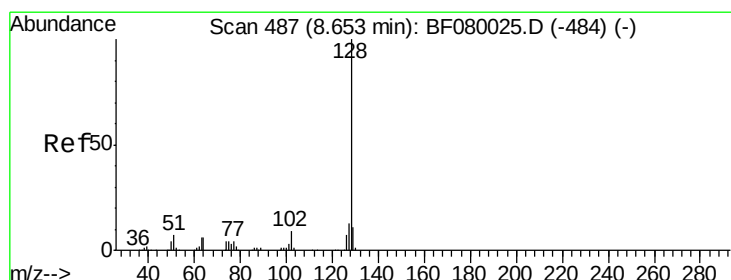
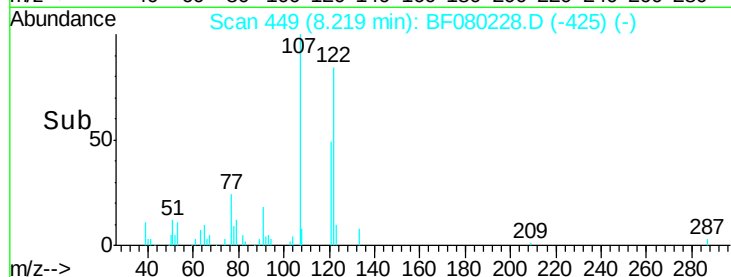
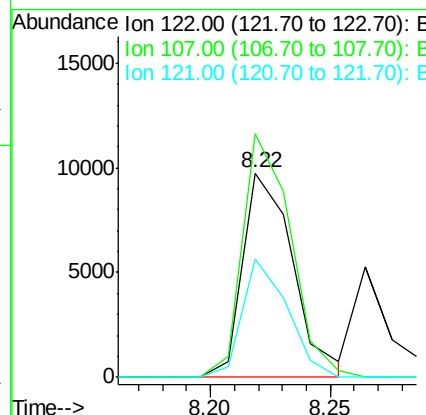
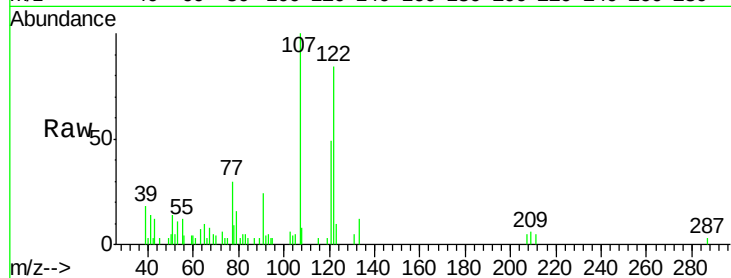
#27
2,4-Dimethylphenol
Concen: 7.40 ng m
RT: 8.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.3	71.8	107.6#
121	58.0	42.3	63.5

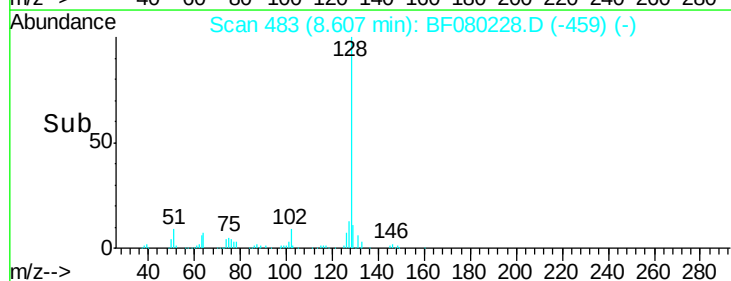
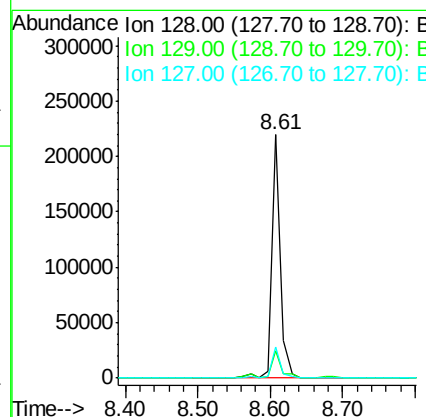
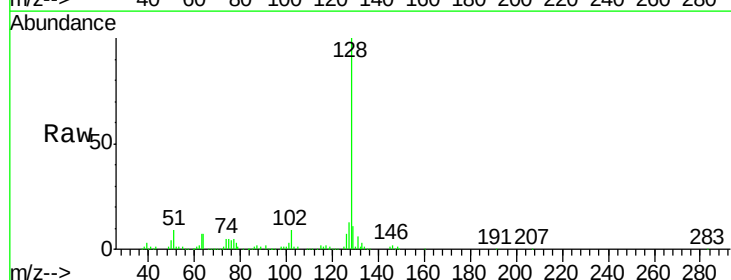
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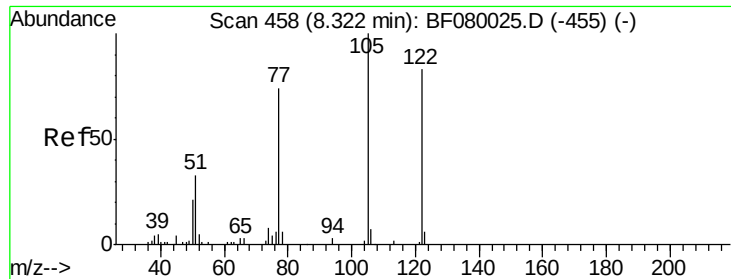
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#31
Naphthalene
Concen: 29.08 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.4	12.6
127	12.9	9.9	14.9





#32

Benzoic acid

Concen: 4.26 ng

RT: 8.26 min Scan# 453

Delta R.T. -0.05 min

Lab File: BF080228.D

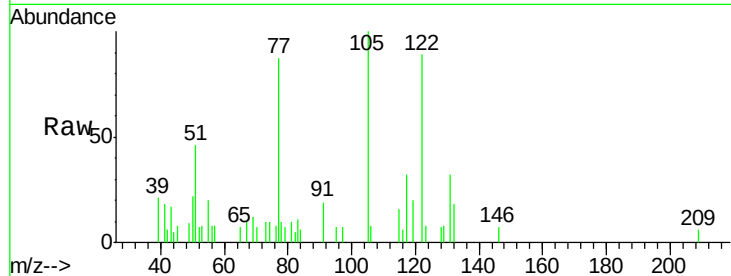
Acq: 30 Jun 2015 3:41

Instrument :

BNA_F

ClientSampled :

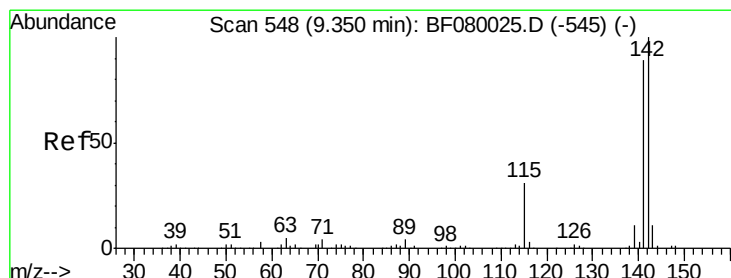
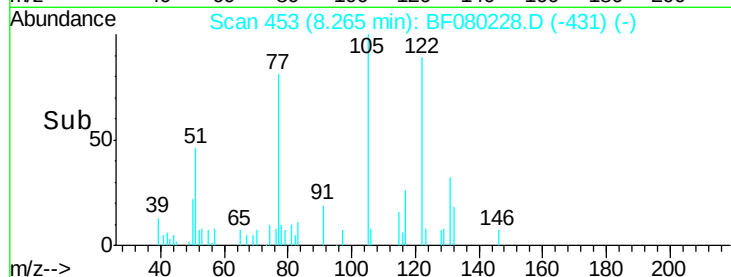
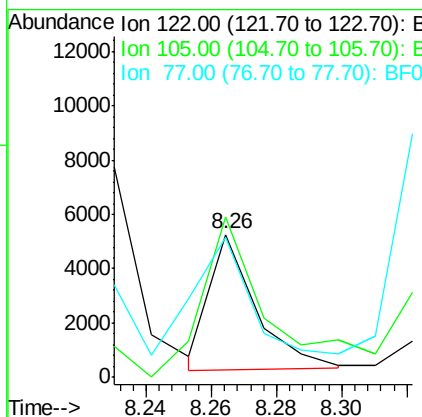
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Tgt Ion:	122	Resp:	4918
Ion Ratio	Lower	Upper	
122	100		
105	112.5	76.1	116.1
77	98.3	40.5	80.5#

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#37

2-Methylnaphthalene

Concen: 41.33 ng

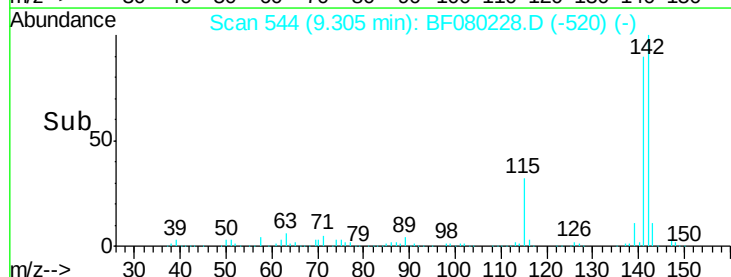
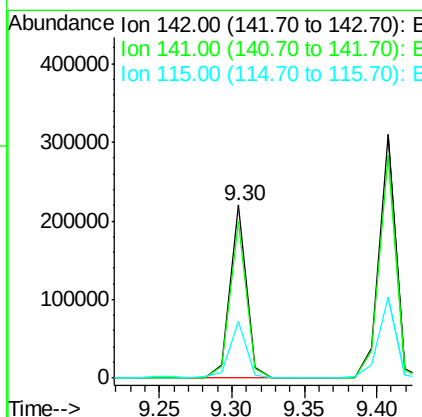
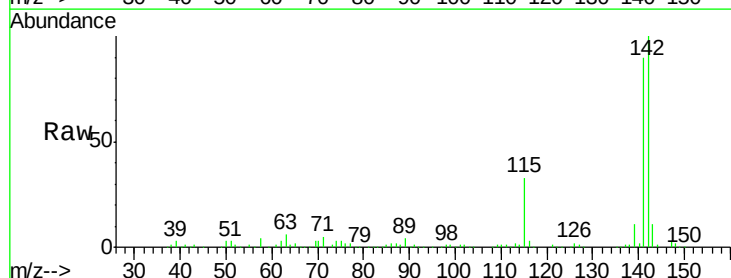
RT: 9.30 min Scan# 544

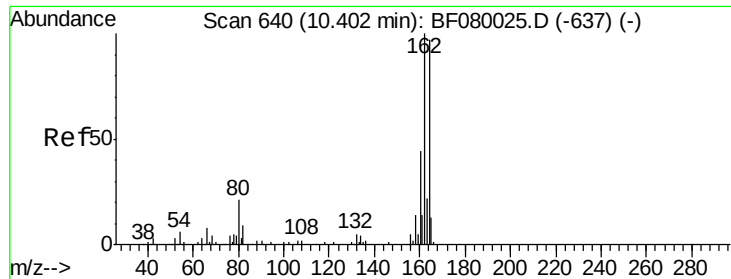
Delta R.T. -0.02 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Tgt Ion:	142	Resp:	172651
Ion Ratio	Lower	Upper	
142	100		
141	90.2	67.5	101.3
115	32.7	18.2	27.2#





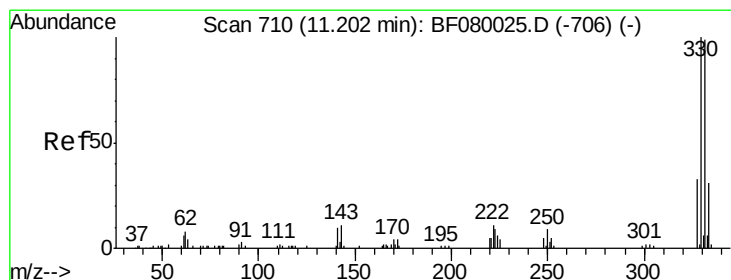
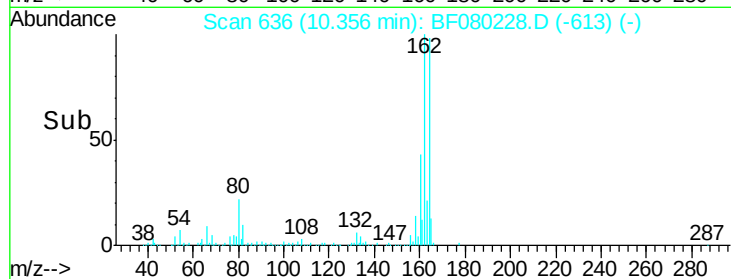
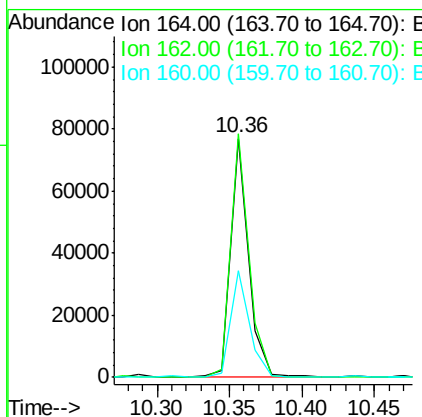
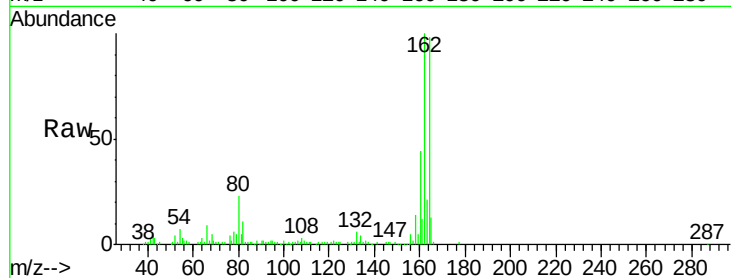
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	66676		
162	102.0	75.2	112.8	
160	44.7	31.5	47.3	

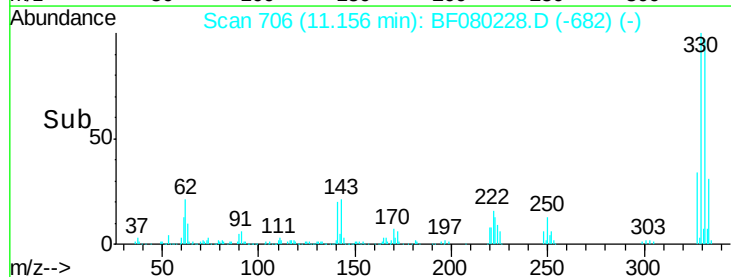
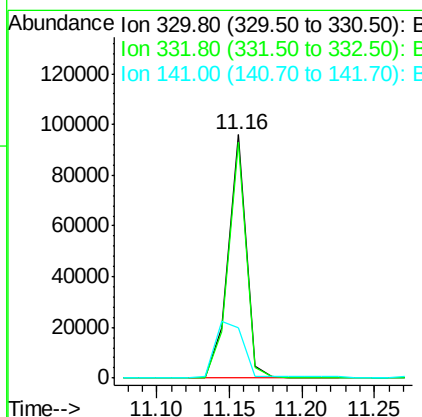
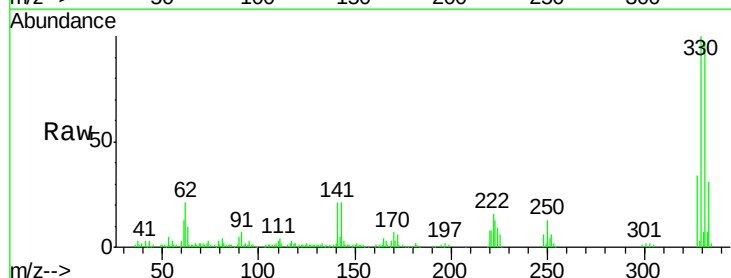
Manual Integrations
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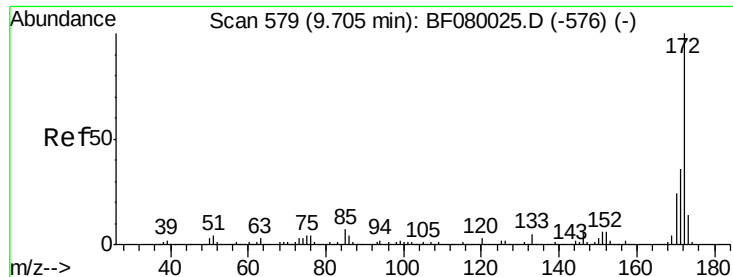
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#41
 2,4,6-Tribromophenol
 Concen: 127.90 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	83391		
332	96.5	76.6	114.8	
141	38.0	29.7	44.5	





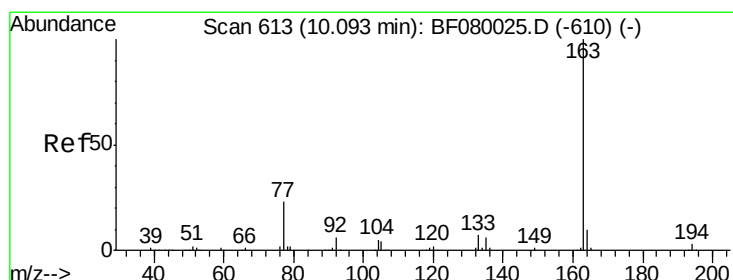
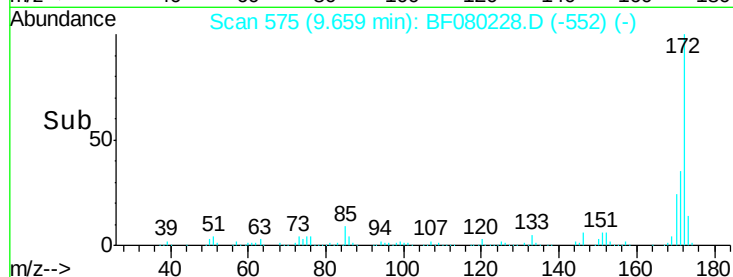
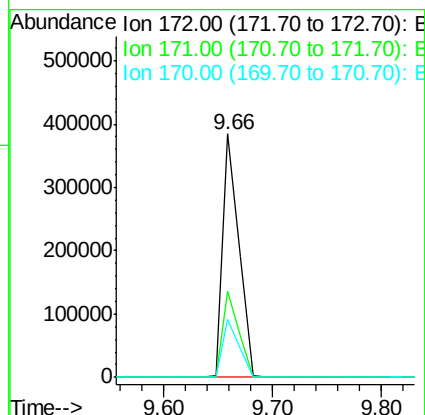
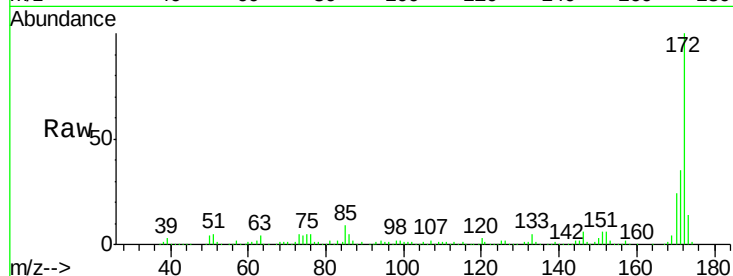
#44
2-Fluorobiphenyl
Concen: 85.67 ng
RT: 9.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

Instrument :
BNA_F
ClientSampled :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.1	26.1	39.1
170	24.0	17.4	26.2

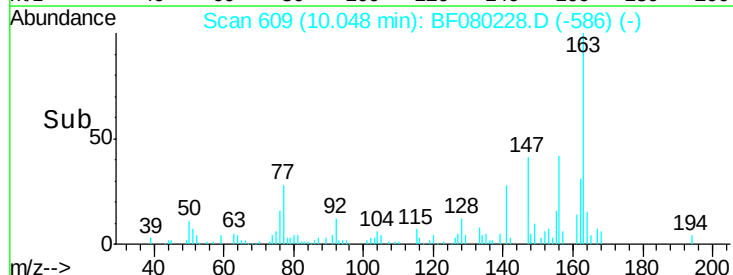
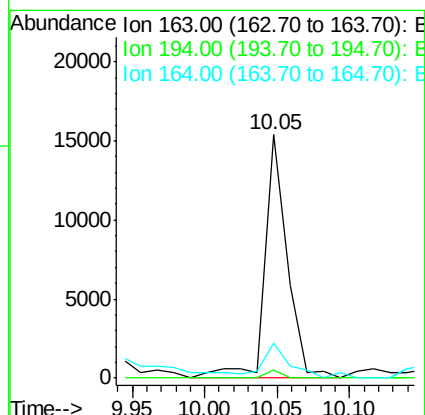
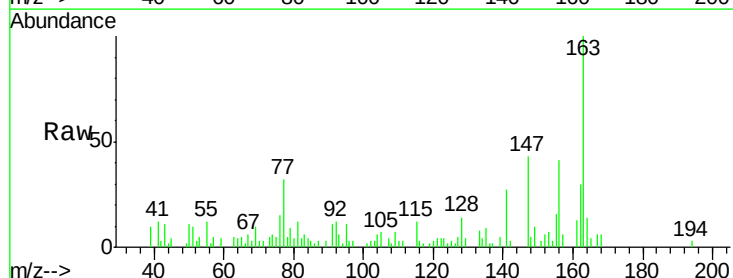
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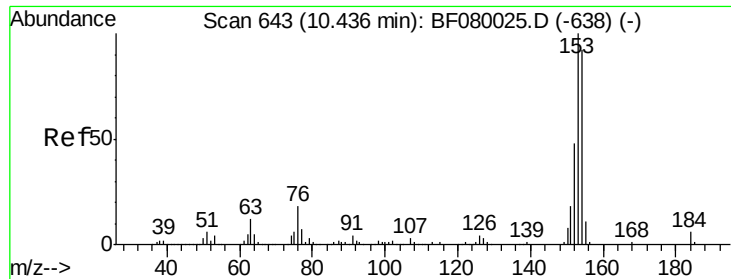
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#49
Dimethylphthalate
Concen: 3.27 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	4.4	6.6#
164	14.5	8.3	12.5#





#51

Acenaphthene

Concen: 2.02 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Instrument :

BNA_F

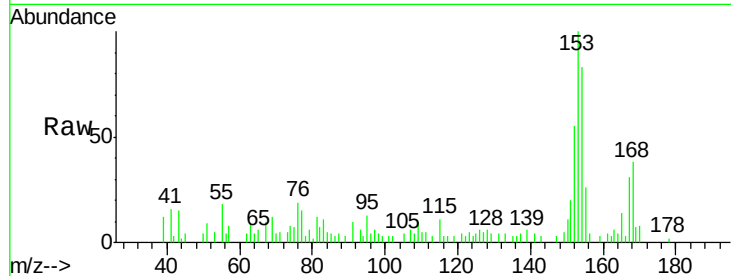
ClientSampleId :

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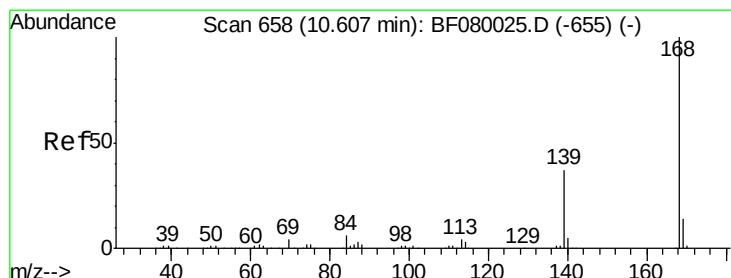
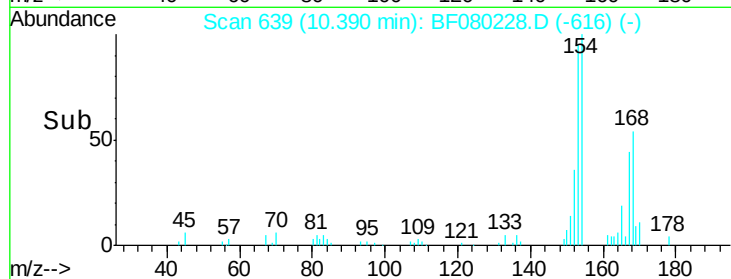
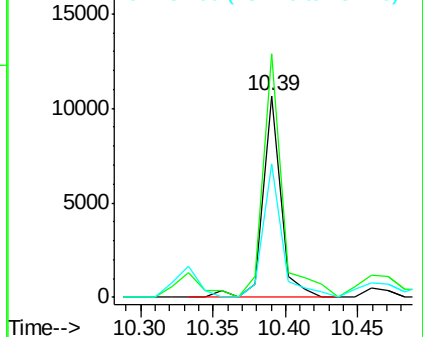
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Tgt Ion:	154	Resp:	9065
Ion Ratio	Lower	Upper	
154	100		
153	120.7	82.1	123.1
152	66.4	37.9	56.9#



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



#54

Dibenzofuran

Concen: 2.07 ng

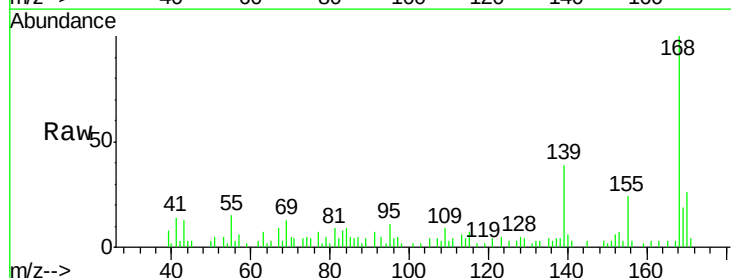
RT: 10.56 min Scan# 654

Delta R.T. -0.03 min

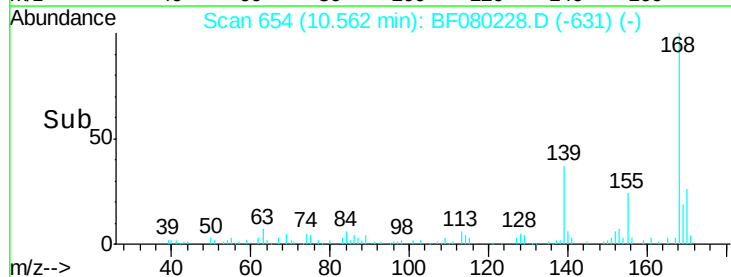
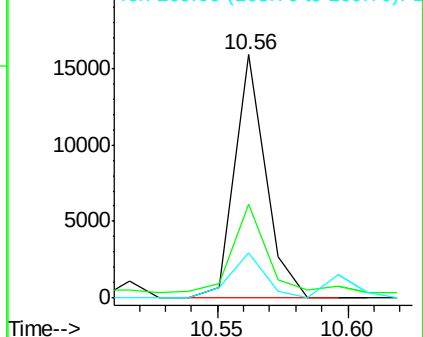
Lab File: BF080228.D

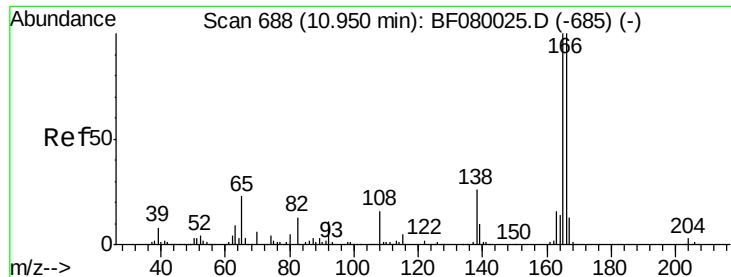
Acq: 30 Jun 2015 3:41

Tgt Ion:	168	Resp:	13218
Ion Ratio	Lower	Upper	
168	100		
139	38.5	24.2	36.2#
169	18.6	10.6	15.8#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 2.66 ng

RT: 10.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Instrument :

BNA_F

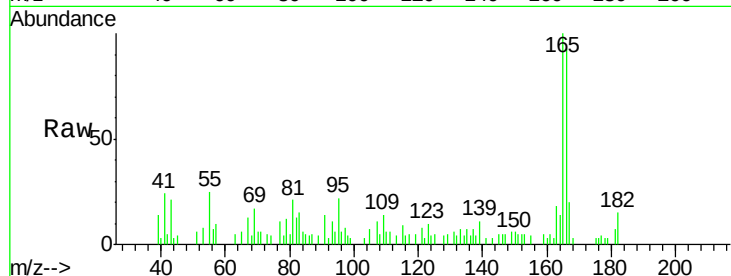
ClientSampleId :

MW-9

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.5	72.6	109.0
167	21.1	10.6	16.0#

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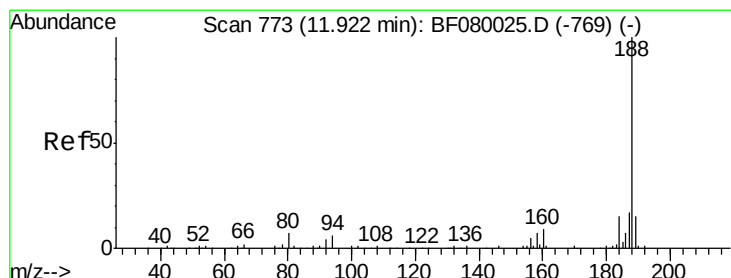
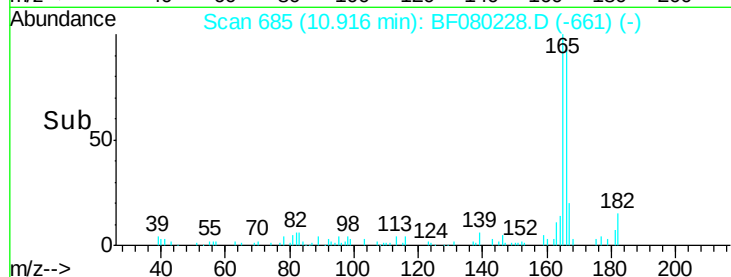
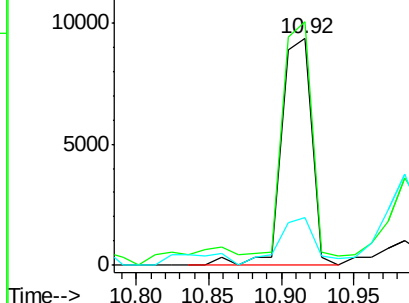
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Abundance Ion 166.00 (165.70 to 166.70): E

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

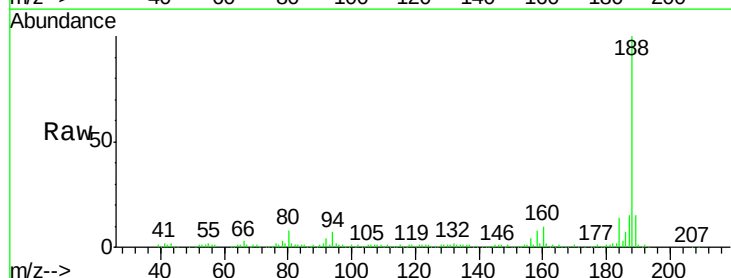
RT: 11.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

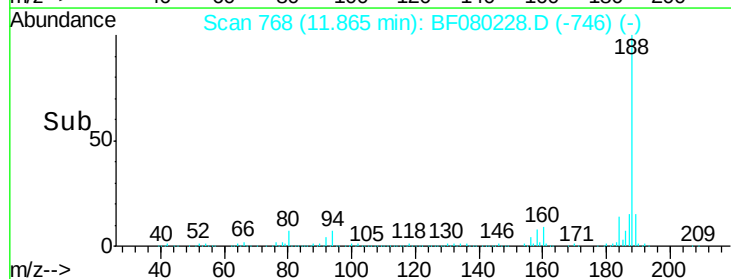
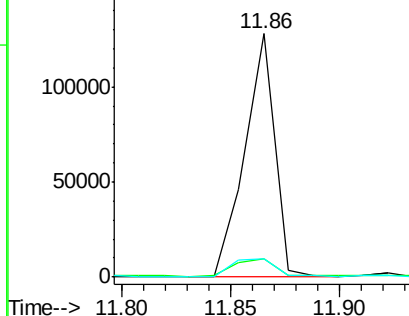
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	11.1	16.7#
80	7.6	11.0	16.4#

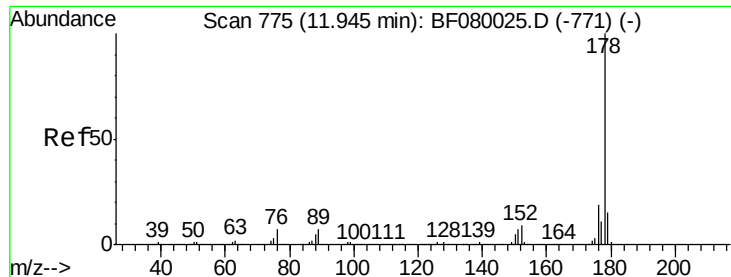


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.03 ng

RT: 11.89 min Scan# 770

Delta R.T. -0.05 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Instrument :

BNA_F

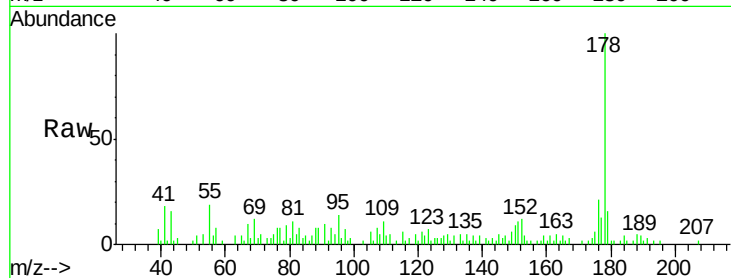
ClientSampleId :

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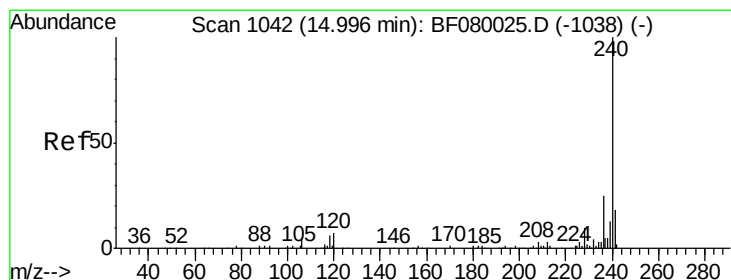
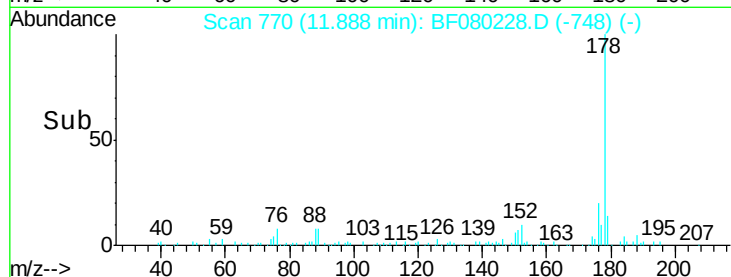
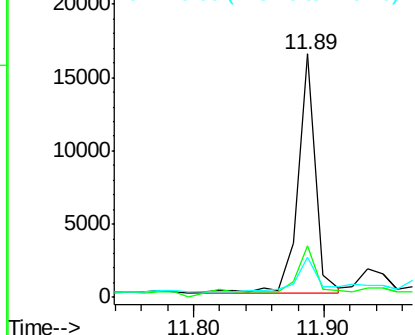
Tgt Ion:	178	Resp:	15145
Ion Ratio	Lower	Upper	
178	100		
176	21.3	13.8	20.8#
179	16.3	12.2	18.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

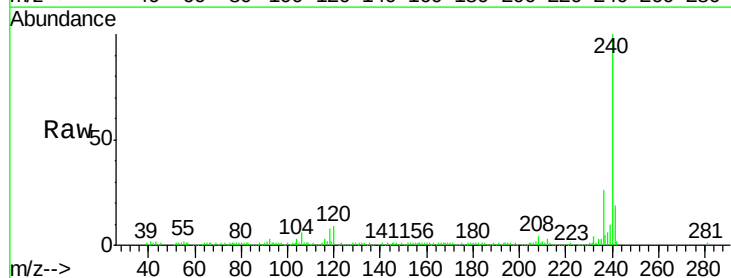
RT: 14.81 min Scan# 1026

Delta R.T. -0.18 min

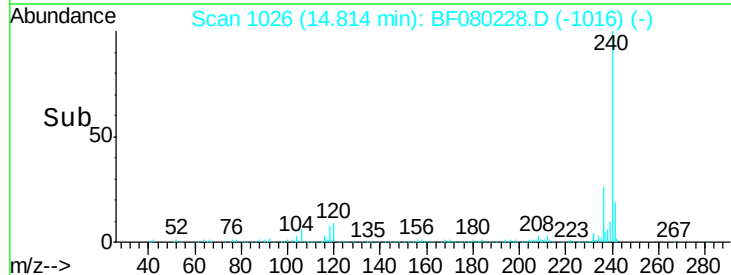
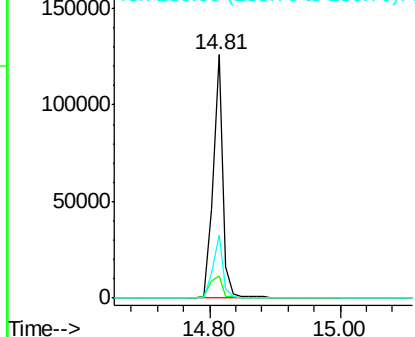
Lab File: BF080228.D

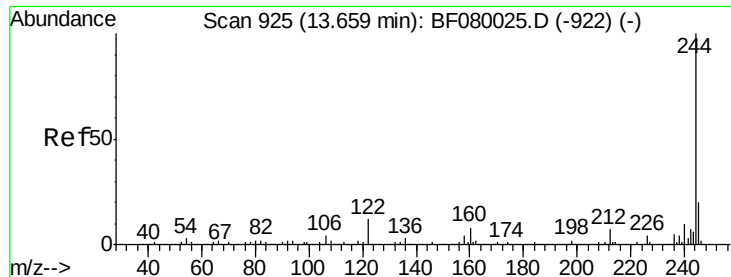
Acq: 30 Jun 2015 3:41

Tgt Ion:	240	Resp:	134858
Ion Ratio	Lower	Upper	
240	100		
120	9.3	16.2	24.2#
236	25.8	18.4	27.6



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





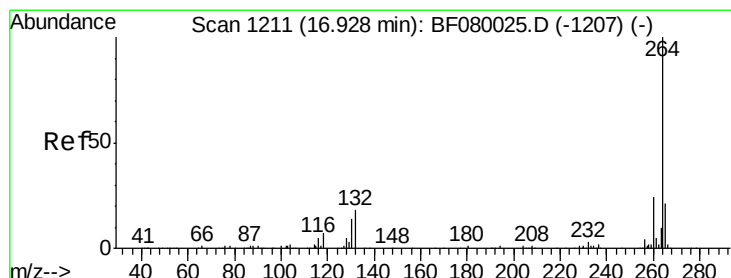
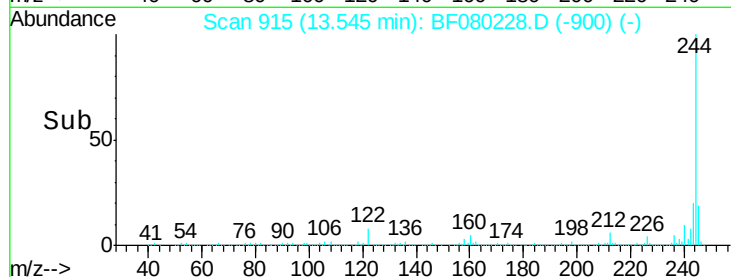
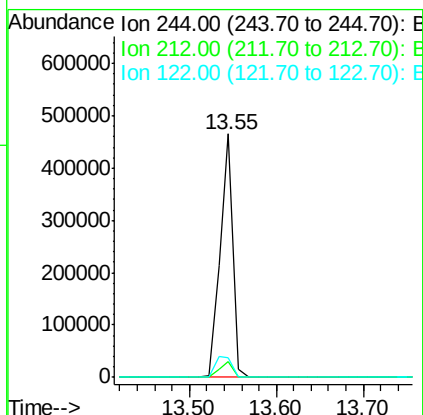
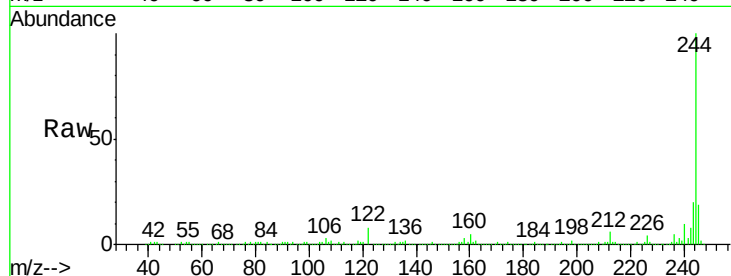
#78
 Terphenyl-d14
 Concen: 83.88 ng
 RT: 13.55 min Scan# 915
 Delta R.T. -0.13 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	4.3	6.5
122	8.0	17.4	26.2#

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.69 min Scan# 1190
 Delta R.T. -0.24 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.1	16.7	25.1
265	20.8	17.2	25.8

