

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093115.D
 Acq On : 12 Jun 2017 23:24
 Operator : SJ/MA
 Sample : I3460-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-113

Manual Integrations
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Quant Time: Jun 13 02:19:41 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 14:07:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	640	0.40	ng	-0.02
7) Naphthalene-d8	10.51	136	3256	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	2225	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3613	0.40	ng	0.00
27) Chrysene-d12	21.27	240	5171	0.40	ng	0.00
34) Perylene-d12	23.67	264	4304	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	446	0.24	ng	0.00
5) Phenol-d6	6.90	99	410m	0.15	ng	0.00
8) Nitrobenzene-d5	8.88	82	1124	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	2068	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	352	0.69	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	3911	0.41	ng	0.00
25) Fluoranthene-d10	19.11	212	5469	0.46	ng	0.00
29) Terphenyl-d14	19.72	244	5070	0.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.56	128	121033	13.854	ng	95
12) 2-Methylnaphthalene	12.18	142	15975	2.945	ng	99
16) Acenaphthylene	14.08	152	11929	0.308	ng	# 85
17) Acenaphthene	14.44	154	22773	3.156	ng	94
18) Fluorene	15.41	166	18299	2.104	ng	99
23) Phenanthrene	17.16	178	34639	2.121	ng	# 90
24) Anthracene	17.25	178	5888	0.426	ng	# 82
26) Fluoranthene	19.16	202	10871	0.183	ng	# 92
28) Pyrene	19.51	202	7642	0.121	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.18	149	877	0.134	ng	# 87

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

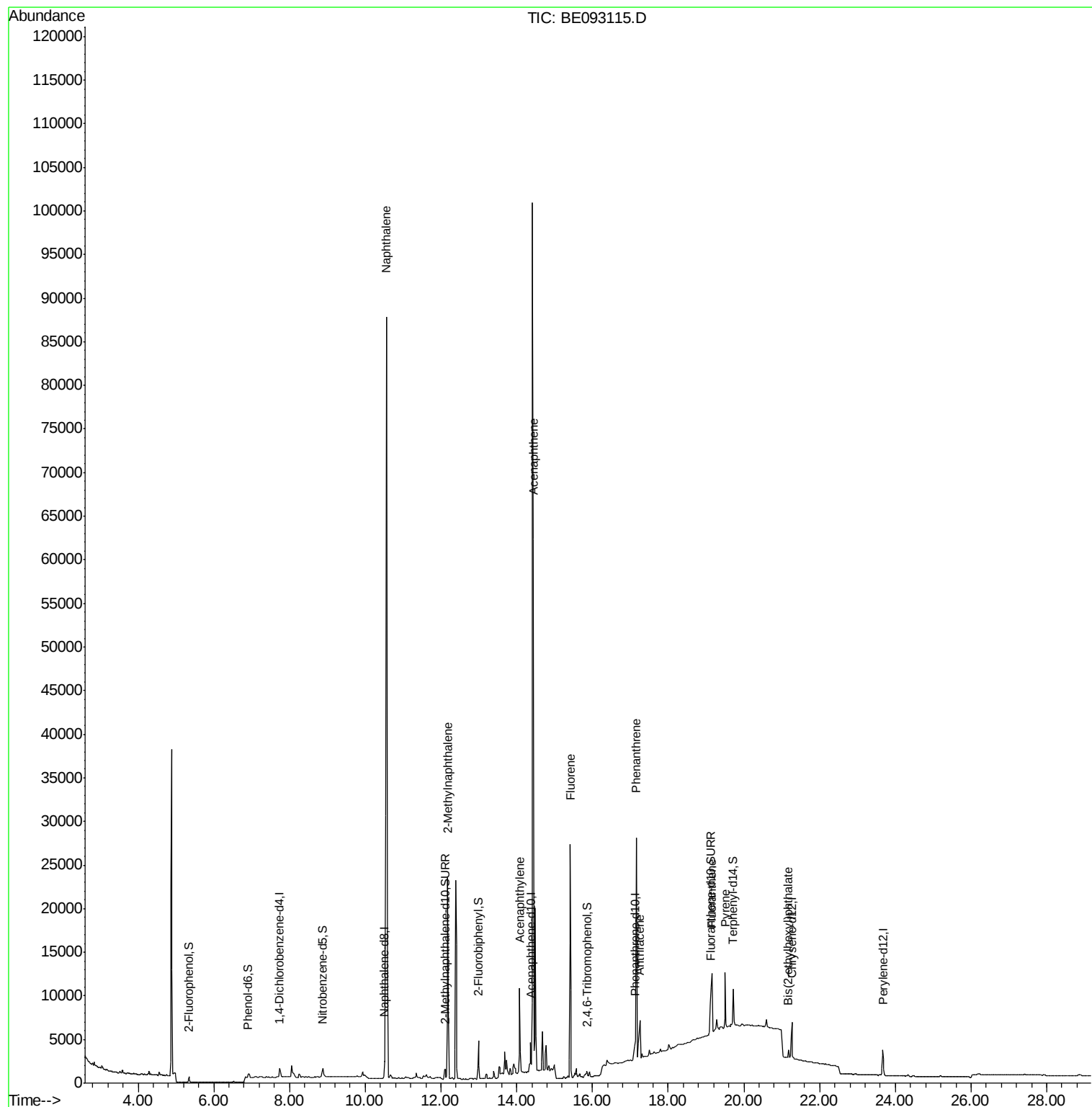
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093115.D
Acq On : 12 Jun 2017 23:24
Operator : SJ/MA
Sample : I3460-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

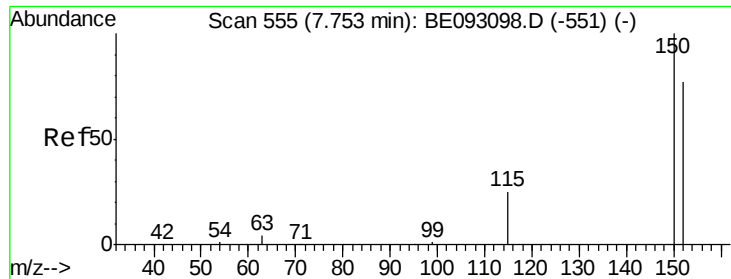
Instrument :
BNA_E
ClientSampleId :
MW-113

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Quant Time: Jun 13 02:19:41 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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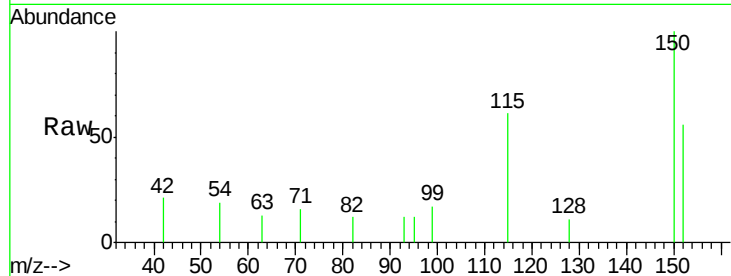




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE093115.D
Acq: 12 Jun 2017 23:24

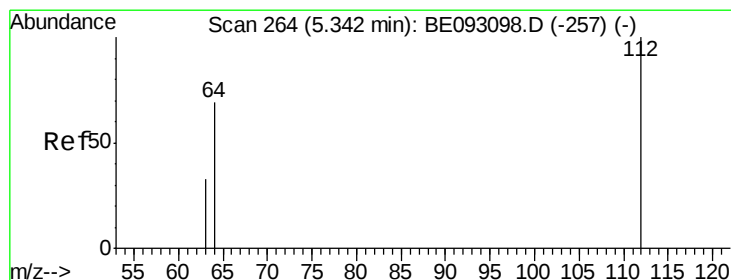
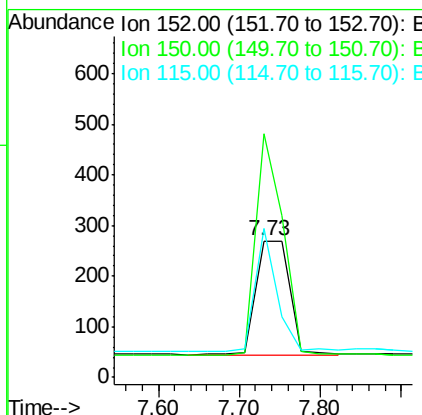
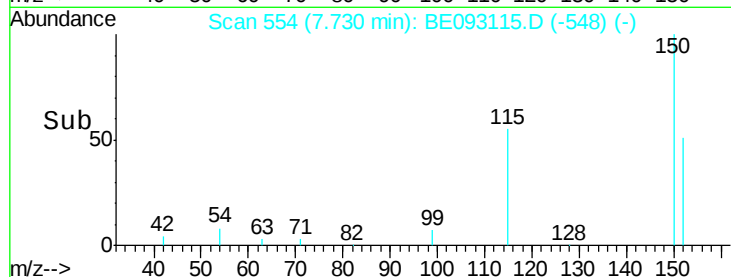
Instrument :
BNA_E
ClientSampled :
MW-113



Tgt Ion	Ratio	Lower	Upper
152	100		
150	178.8	125.1	187.7
115	109.3	55.7	83.5

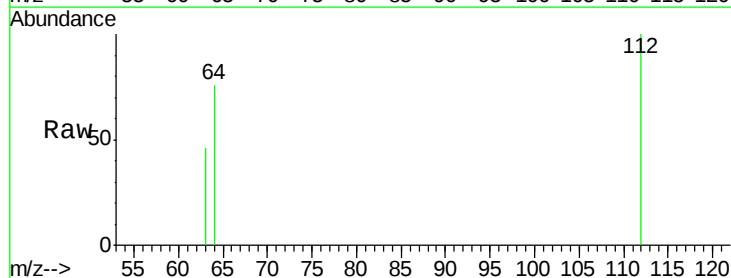
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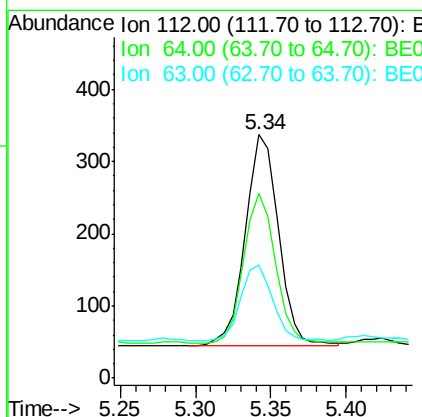
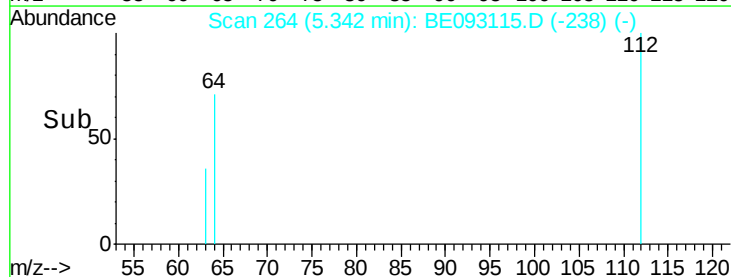


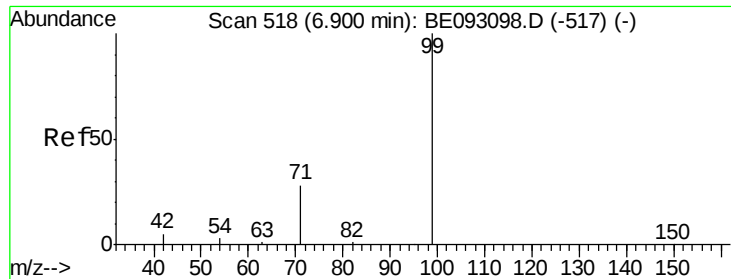
#4

2-Fluorophenol
Concen: 0.236 ng
RT: 5.34 min Scan# 264
Delta R.T. 0.00 min
Lab File: BE093115.D
Acq: 12 Jun 2017 23:24



Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.4	84.6
63	34.8	29.3	43.9





#5

Phenol-d6

Concen: 0.148 ng m

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093115.D

Acq: 12 Jun 2017 23:24

Instrument :

BNA_E

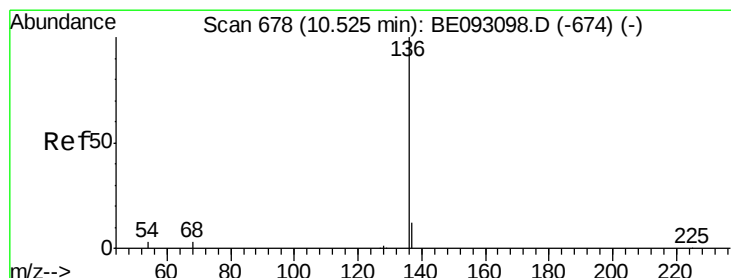
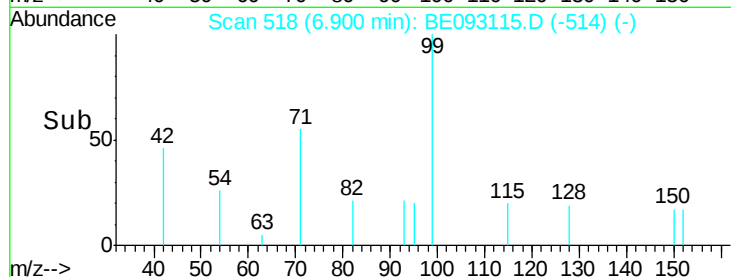
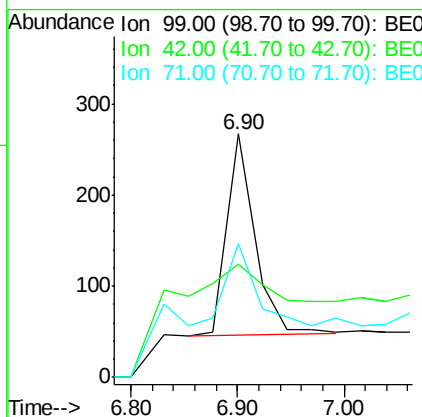
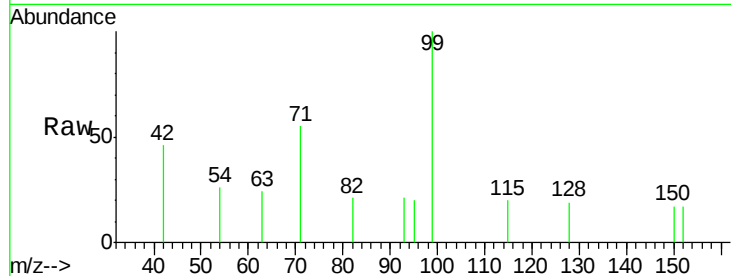
ClientSampled :

MW-113

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	410		
42	242.0	0.0	0.0#	
71	194.4	0.0	0.0#	

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#7

Naphthalene-d8

Concen: 0.400 ng

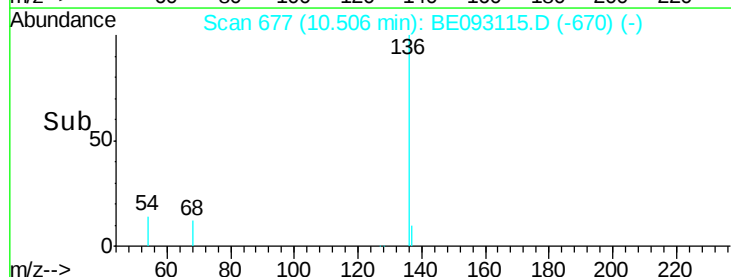
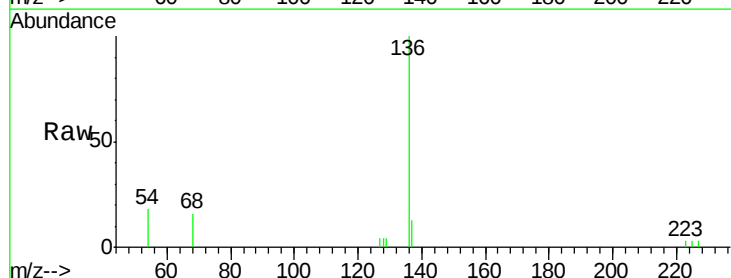
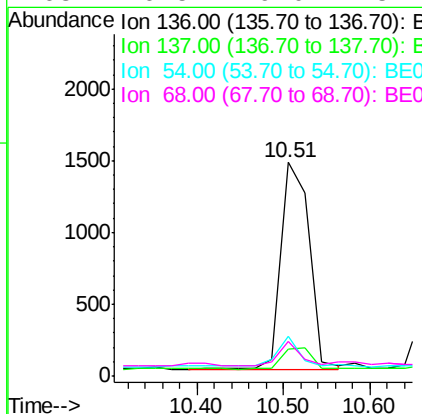
RT: 10.51 min Scan# 677

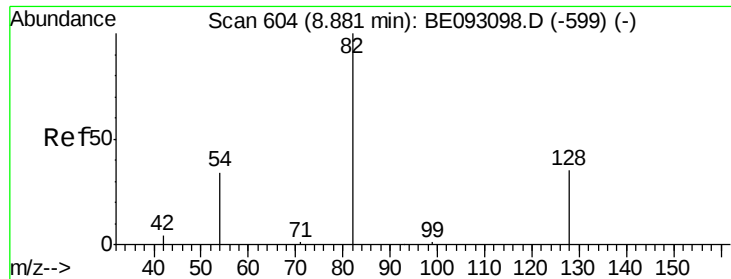
Delta R.T. -0.02 min

Lab File: BE093115.D

Acq: 12 Jun 2017 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	3256		
137	12.6	9.8	14.8	
54	18.5	10.3	15.5#	
68	16.5	9.0	13.4#	





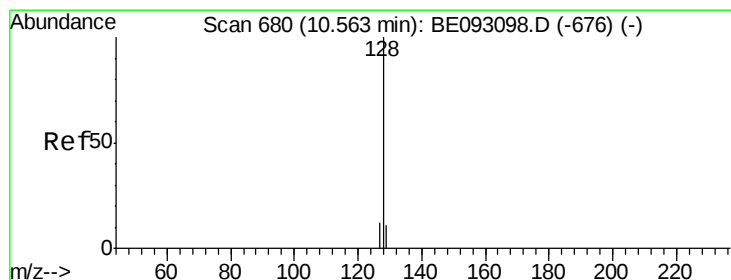
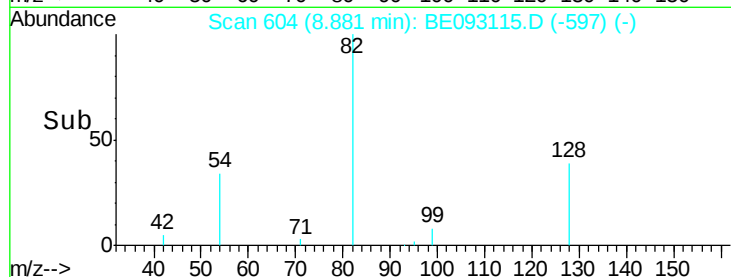
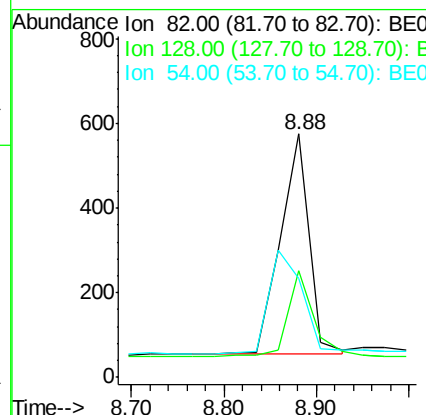
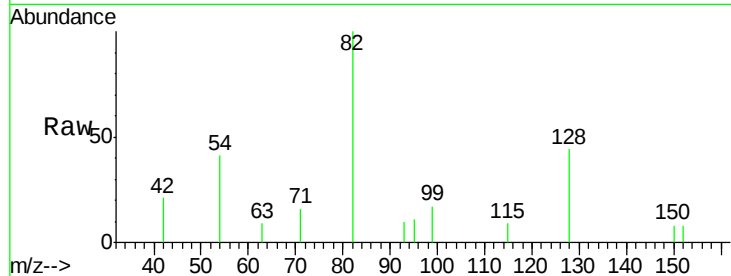
#8
Nitrobenzene-d5
Concen: 0.432 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093115.D
Acq: 12 Jun 2017 23:24

Instrument :
BNA_E
ClientSampleId :
MW-113

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	17.0	25.4#
54	40.7	53.8	80.6#

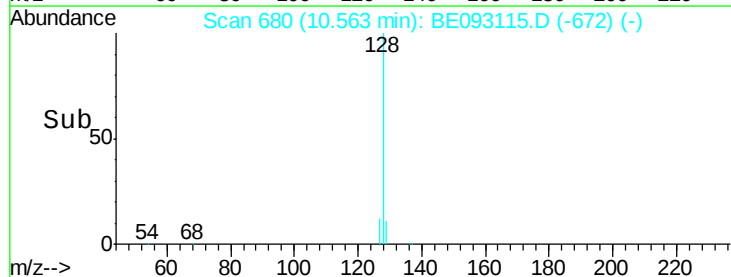
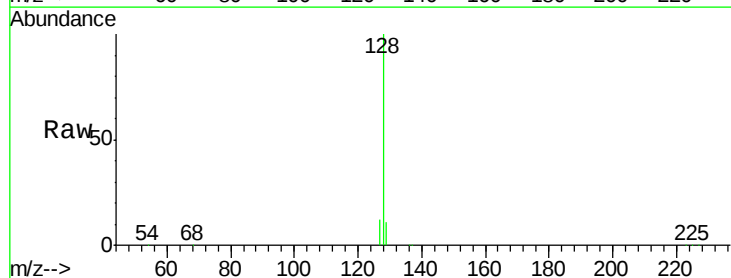
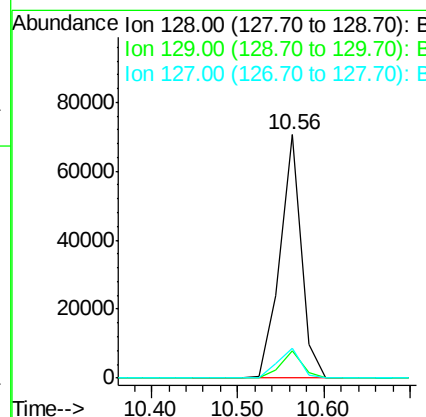
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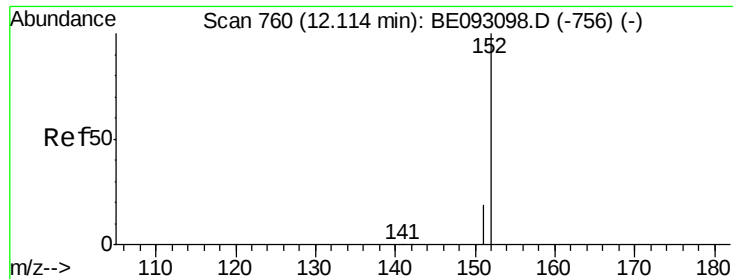
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#9
Naphthalene
Concen: 13.854 ng
RT: 10.56 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE093115.D
Acq: 12 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.4	17.0
127	12.4	11.2	16.8





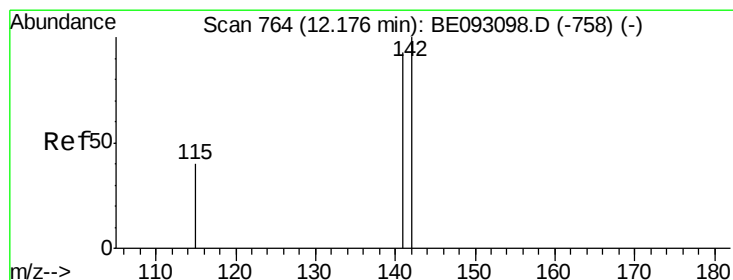
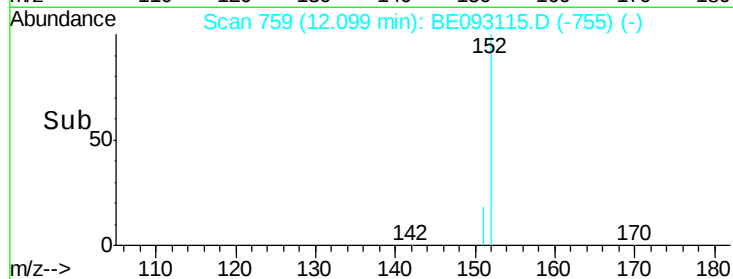
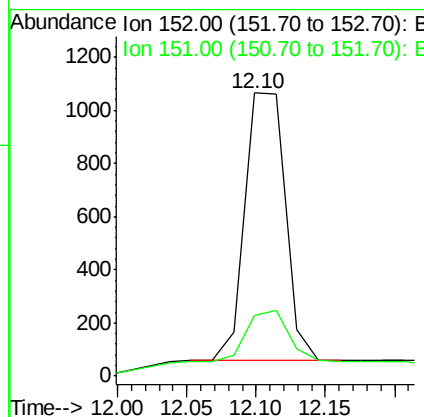
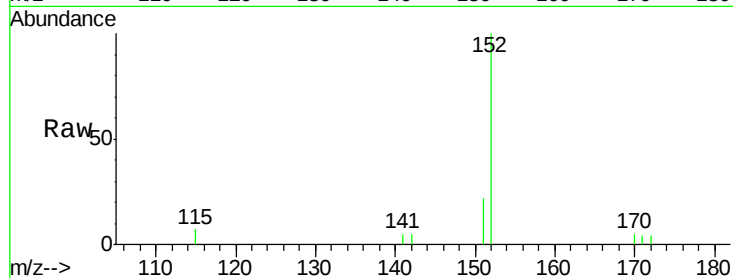
#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 12.10 min Scan# 759
Delta R.T. -0.01 min
Lab File: BE093115.D
Acq: 12 Jun 2017 23:24

Instrument :
BNA_E
ClientSampleId :
MW-113

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.1	22.7

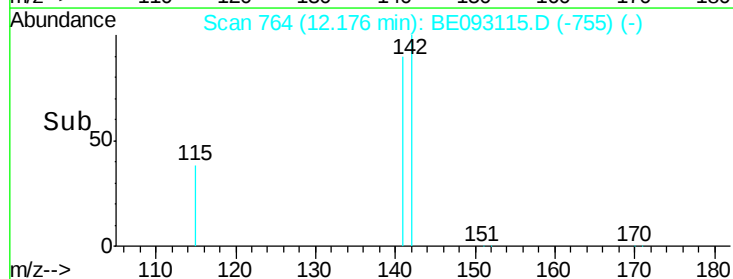
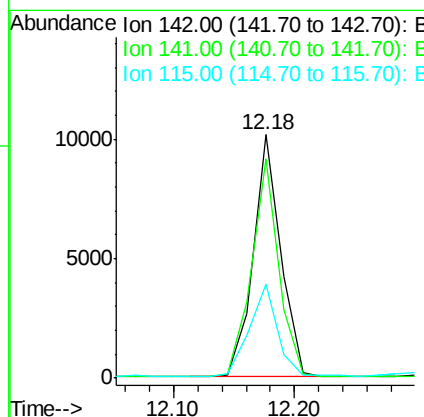
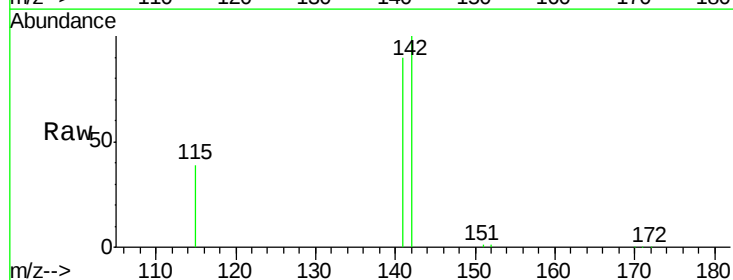
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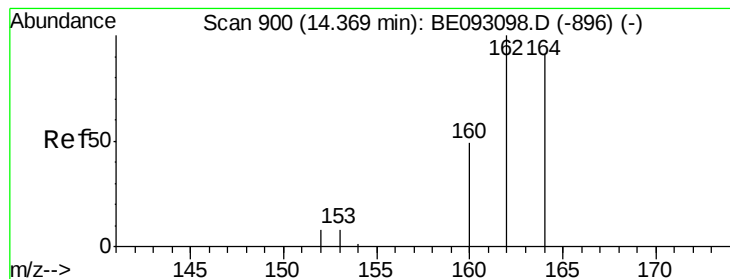
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#12
2-Methylnaphthalene
Concen: 2.945 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093115.D
Acq: 12 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.6	108.8
115	38.6	32.2	48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093115.D

Acq: 12 Jun 2017 23:24

Instrument :

BNA_E

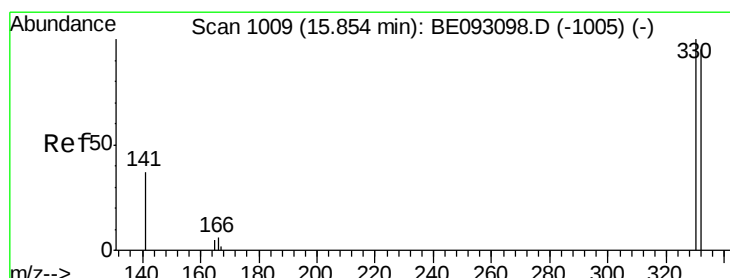
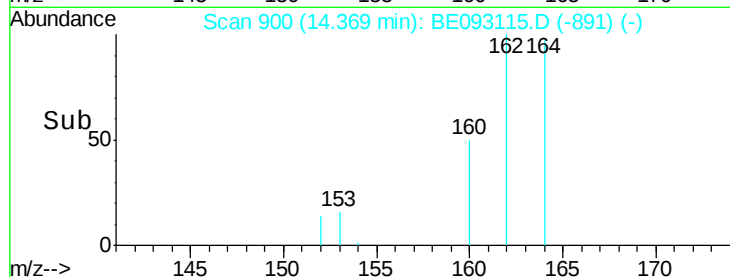
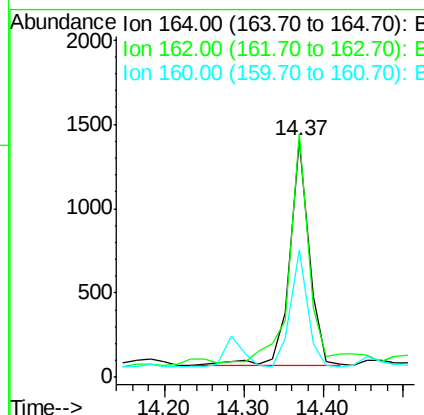
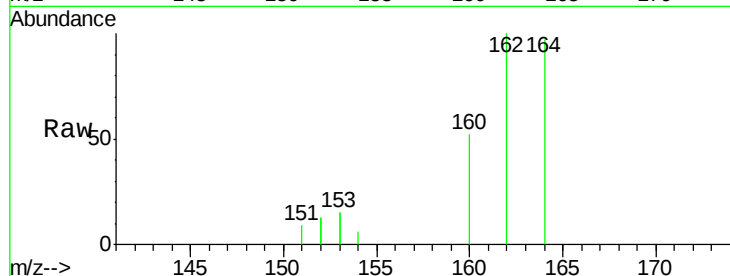
ClientSampled :

MW-113

Tgt Ion:	164	Resp:	2225
Ion	Ratio	Lower	Upper
164	100		
162	102.9	84.6	127.0
160	53.5	41.8	62.6

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#14

2,4,6-Tribromophenol

Concen: 0.694 ng

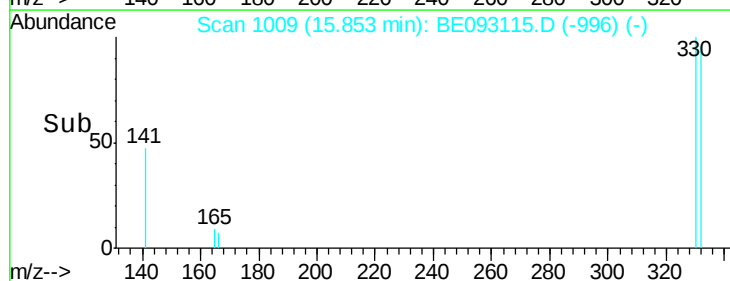
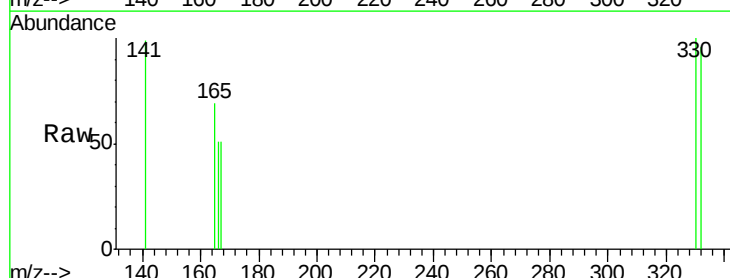
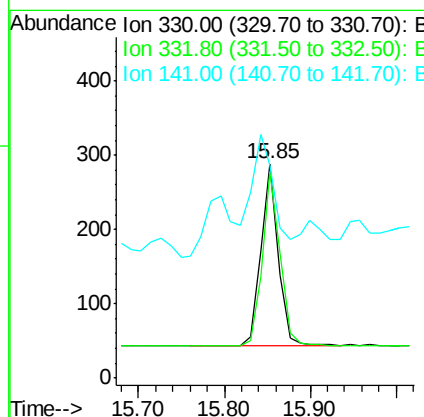
RT: 15.85 min Scan# 1009

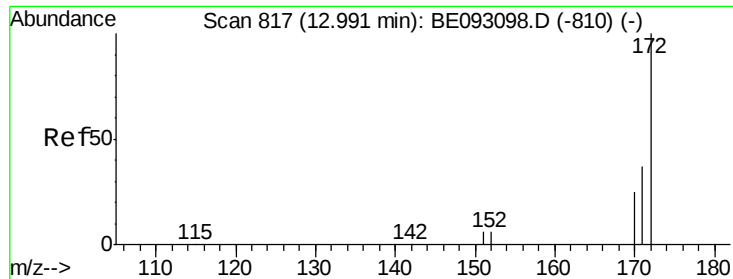
Delta R.T. 0.00 min

Lab File: BE093115.D

Acq: 12 Jun 2017 23:24

Tgt Ion:	330	Resp:	352
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.7	116.5
141	73.9	56.2	84.4





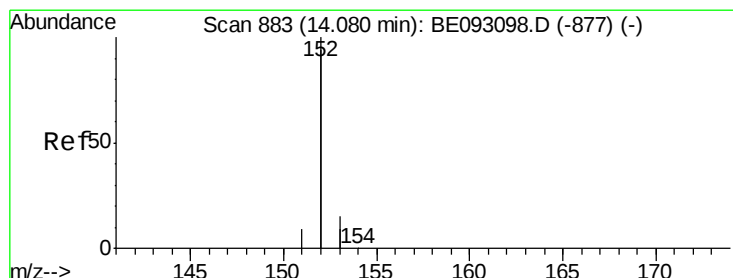
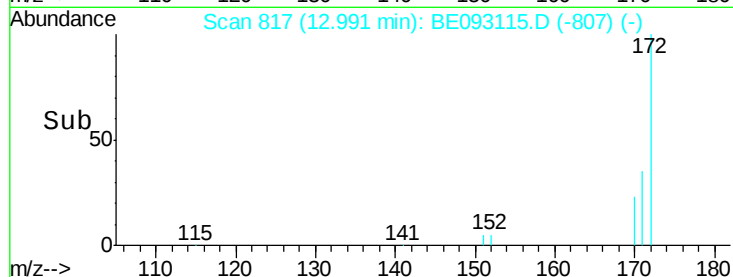
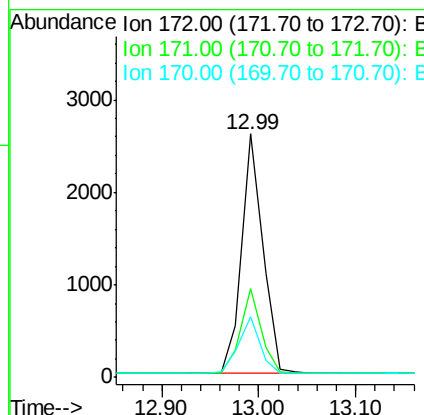
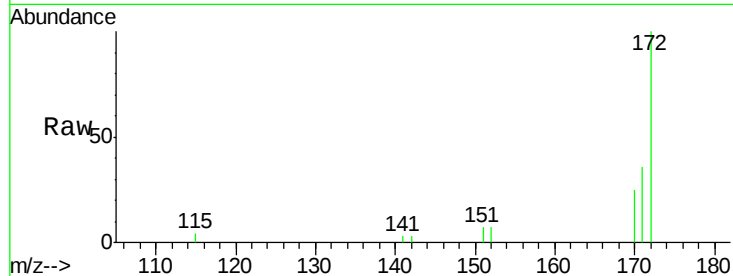
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093115.D
Acq: 12 Jun 2017 23:24

Instrument :
BNA_E
ClientSampleId :
MW-113

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.9	20.7	31.1

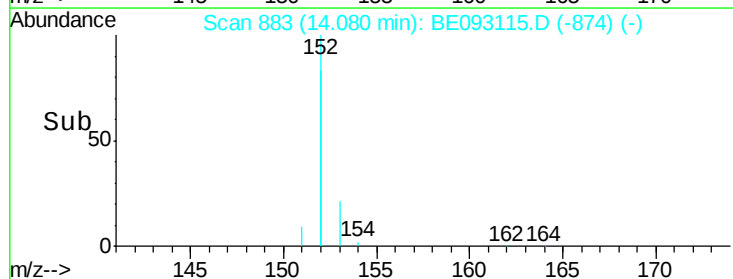
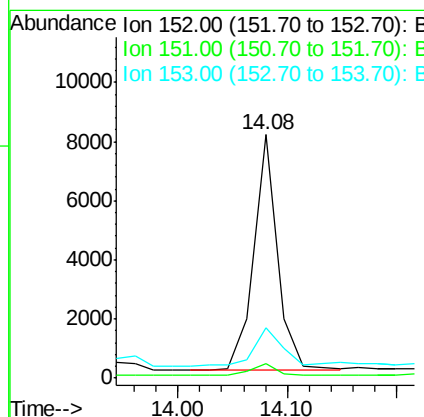
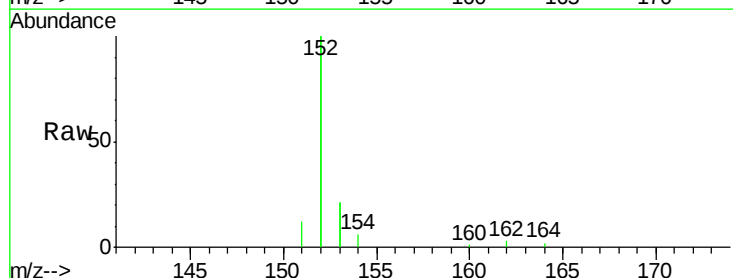
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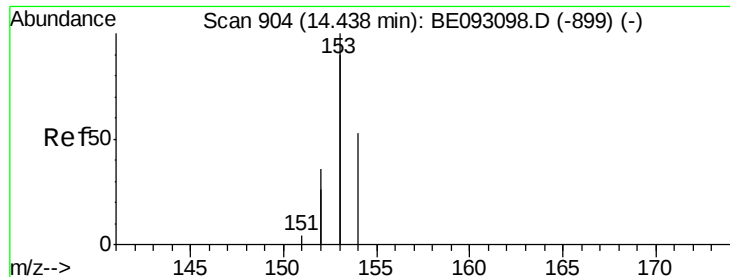
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#16
Acenaphthylene
Concen: 0.308 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093115.D
Acq: 12 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.4	4.0	6.0
153	20.9	10.3	15.5





#17

Acenaphthene

Concen: 3.156 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE093115.D

Acq: 12 Jun 2017 23:24

Instrument :

BNA_E

ClientSampleId :

MW-113

Tgt Ion:154 Resp: 22773

Ion Ratio Lower Upper

154 100

153 452.1 367.8 551.6

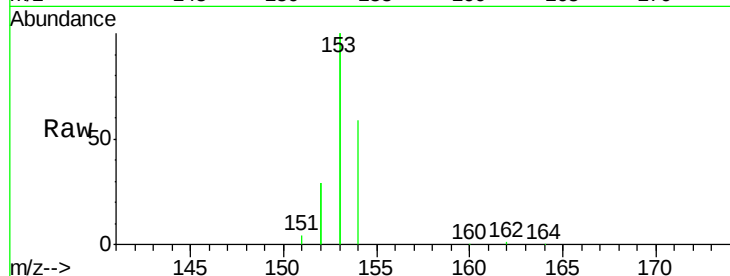
152 215.8 188.2 282.2

Manual Integrations

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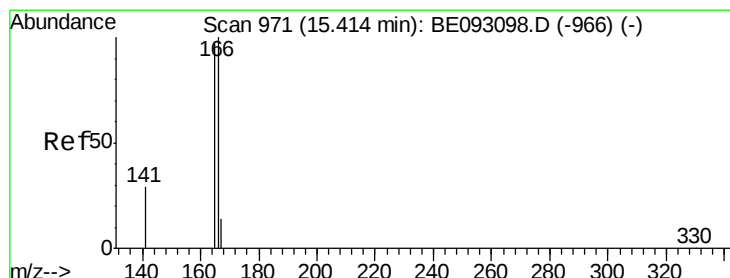
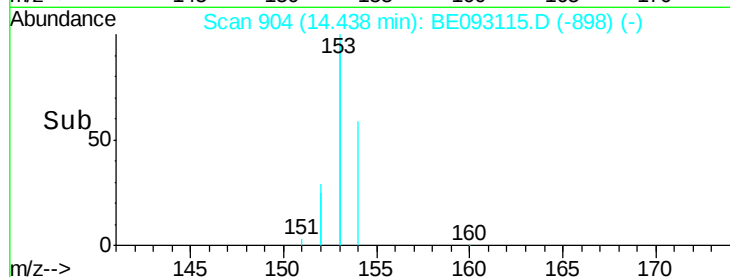
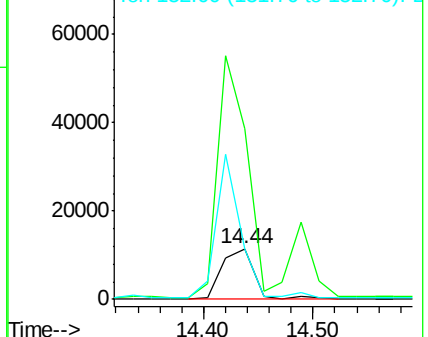
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 2.104 ng

RT: 15.41 min Scan# 971

Delta R.T. -0.00 min

Lab File: BE093115.D

Acq: 12 Jun 2017 23:24

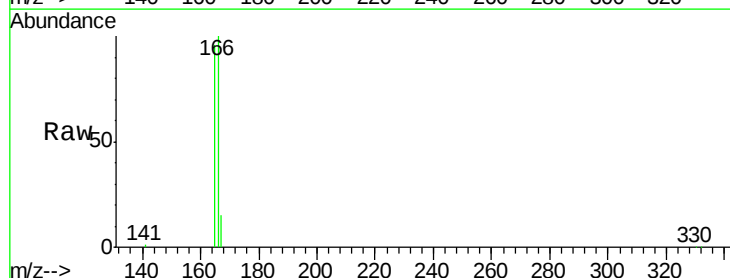
Tgt Ion:166 Resp: 18299

Ion Ratio Lower Upper

166 100

165 98.6 78.6 117.8

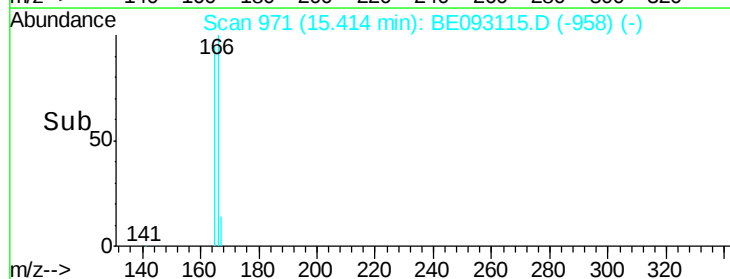
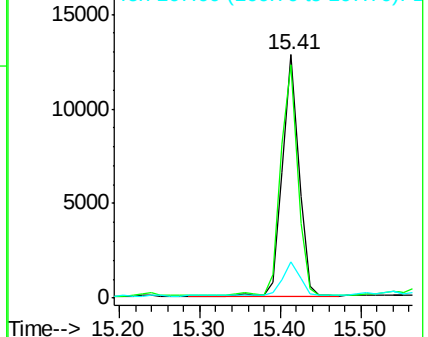
167 14.7 11.1 16.7

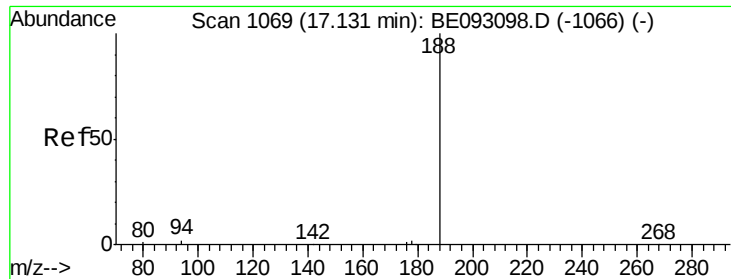


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





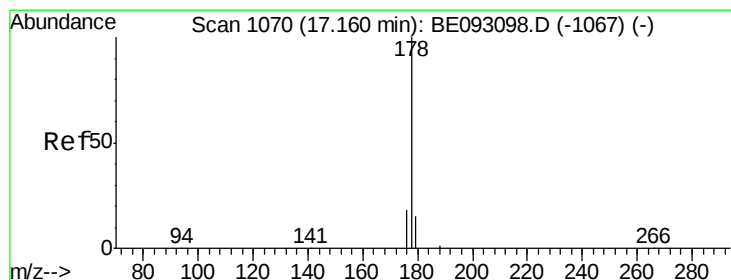
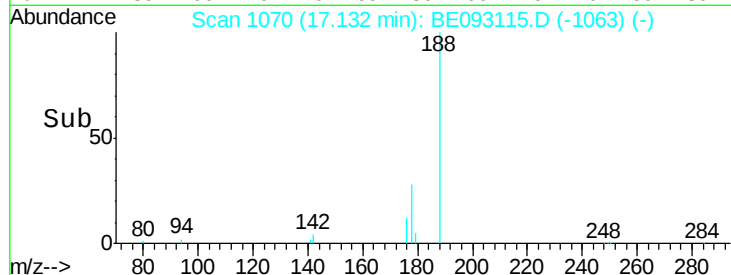
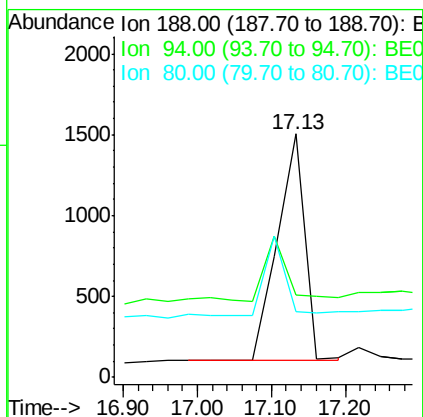
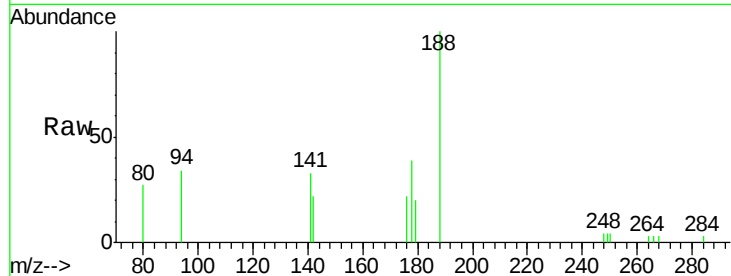
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093115.D
Acq: 12 Jun 2017 23:24

Instrument :
BNA_E
ClientSampleId :
MW-113

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	3613		
94	34.0	11.3	16.9#	
80	27.0	11.7	17.5#	

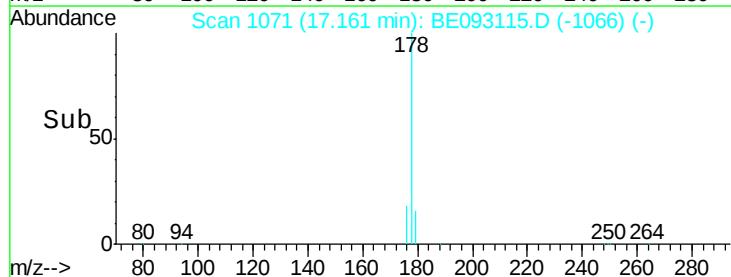
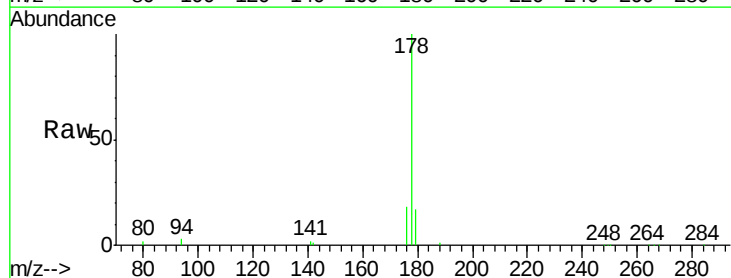
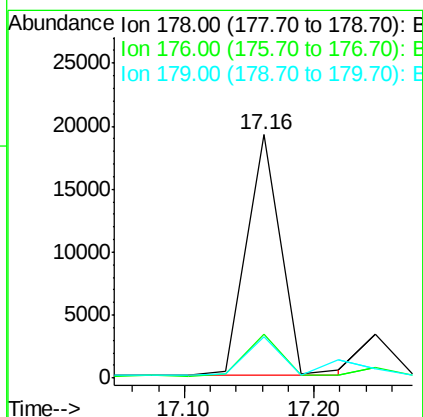
Manual Integrations
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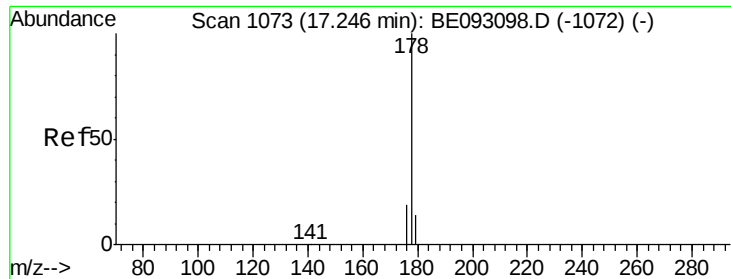
mohammad
6/13/2017 3:55:51 PM



#23
Phenanthrene
Concen: 2.121 ng
RT: 17.16 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE093115.D
Acq: 12 Jun 2017 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	34639		
176	18.0	15.0	22.4	
179	24.3	12.7	19.1#	





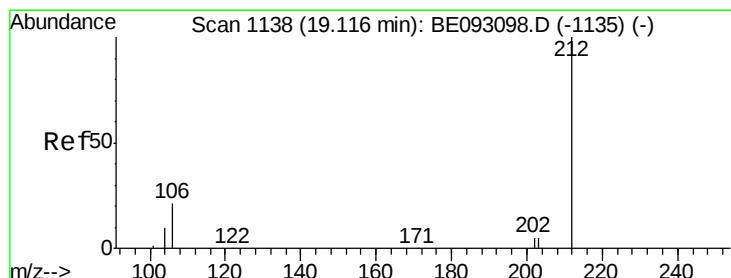
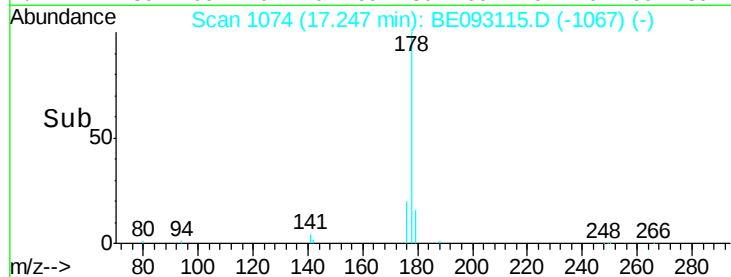
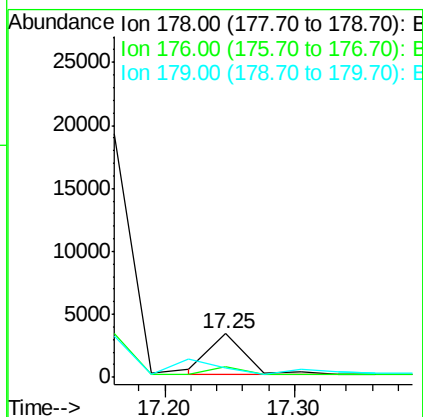
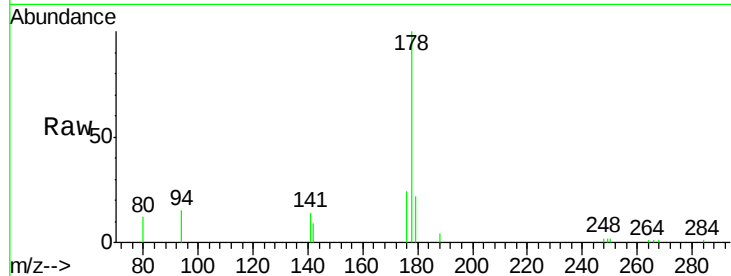
#24
 Anthracene
 Concen: 0.426 ng
 RT: 17.25 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BE093115.D
 Acq: 12 Jun 2017 23:24

Instrument :
 BNA_E
 ClientSampled :
 MW-113

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	22.0
179	0.0	12.0	18.0

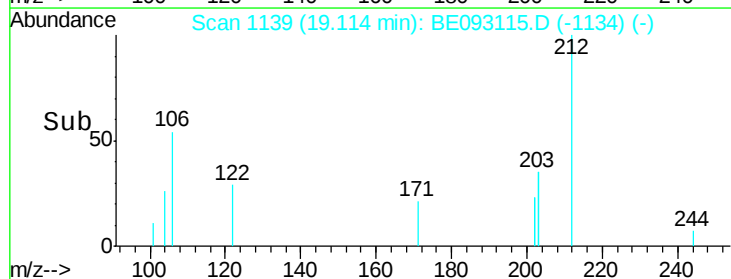
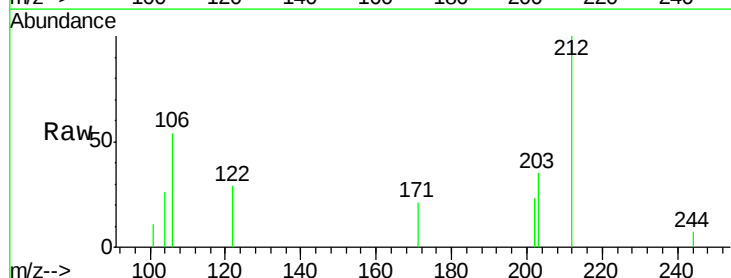
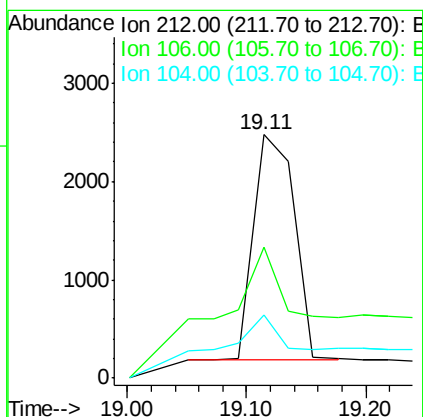
Manual Integrations
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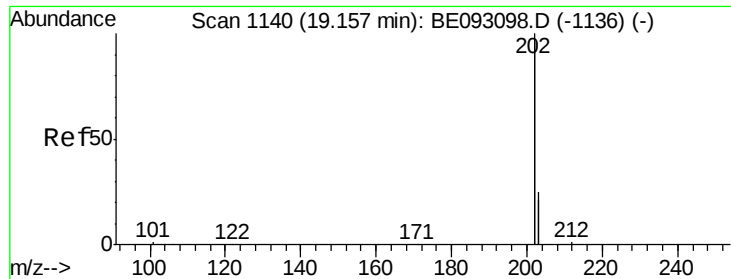
mohammad
 6/13/2017 3:55:51 PM



#25
 Fluoranthene-d10
 Concen: 0.459 ng
 RT: 19.11 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BE093115.D
 Acq: 12 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
212	100		
106	21.7	0.0	0.0
104	11.4	0.0	0.0





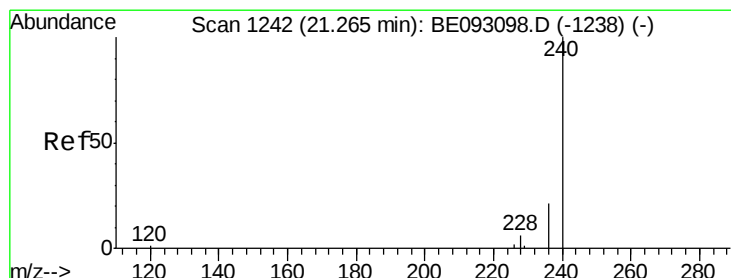
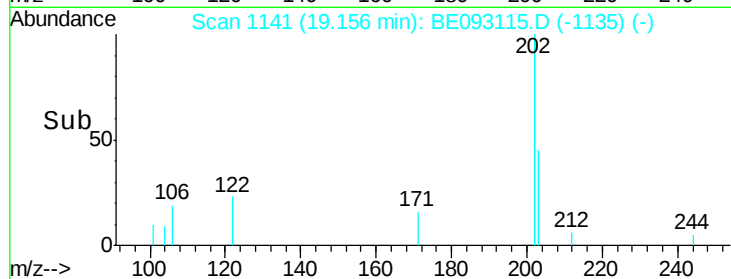
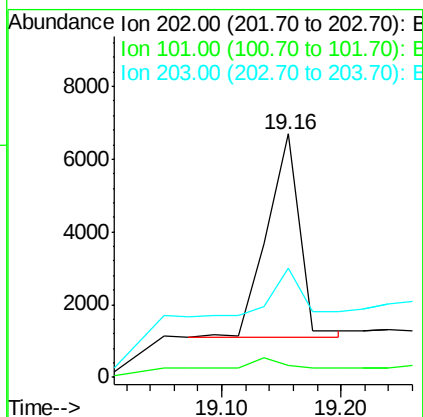
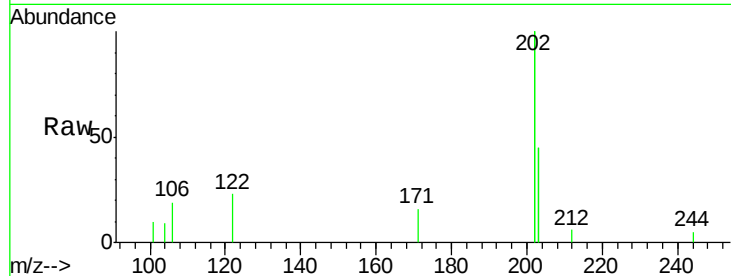
#26
 Fluoranthene
 Concen: 0.183 ng
 RT: 19.16 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BE093115.D
 Acq: 12 Jun 2017 23:24

Instrument :
 BNA_E
 ClientSampleId :
 MW-113

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	21.4	14.4	21.6

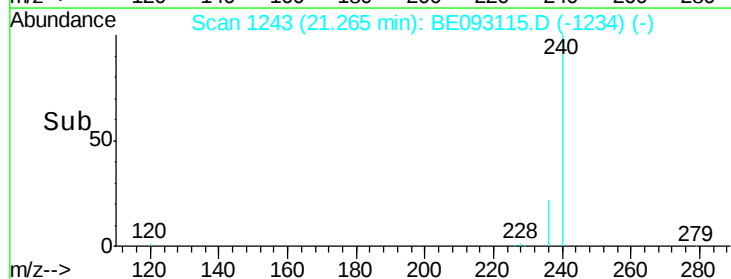
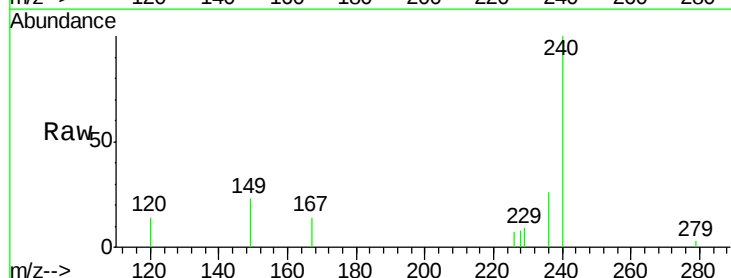
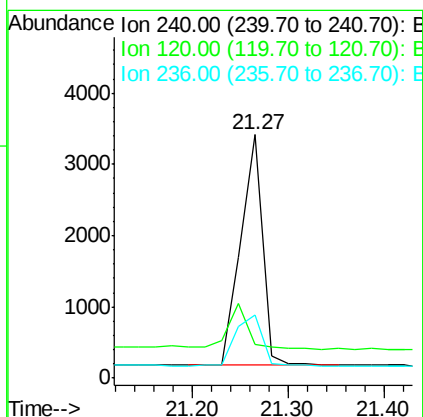
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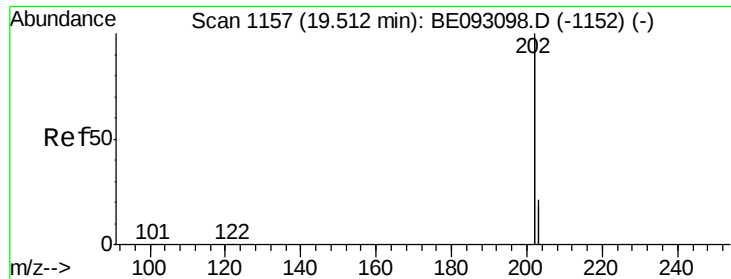
mohammad
 6/13/2017 3:55:51 PM



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BE093115.D
 Acq: 12 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	4.6	7.0#
236	25.7	20.8	31.2





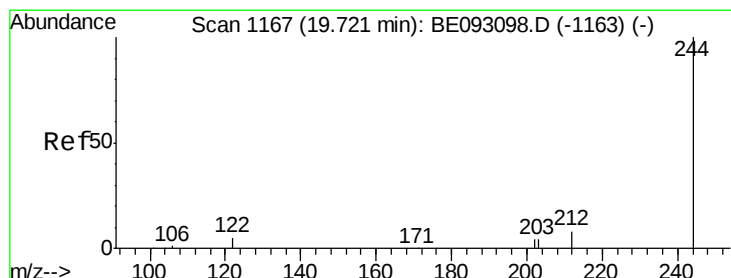
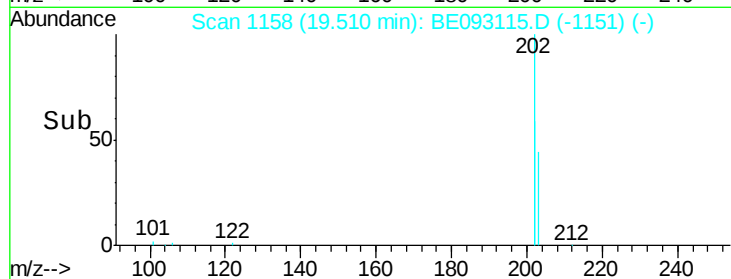
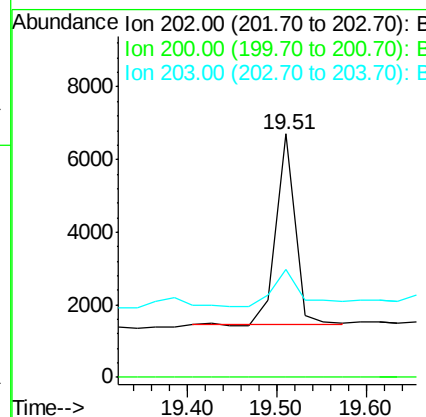
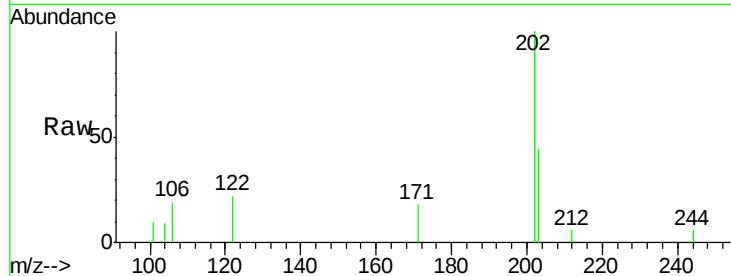
#28
 Pyrene
 Concen: 0.121 ng
 RT: 19.51 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BE093115.D
 Acq: 12 Jun 2017 23:24

Instrument :
 BNA_E
 ClientSampleId :
 MW-113

Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	29.0	13.7	20.5

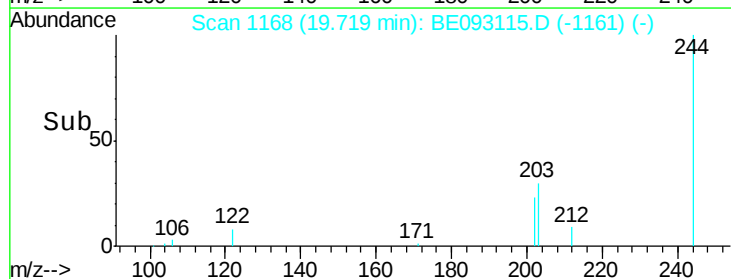
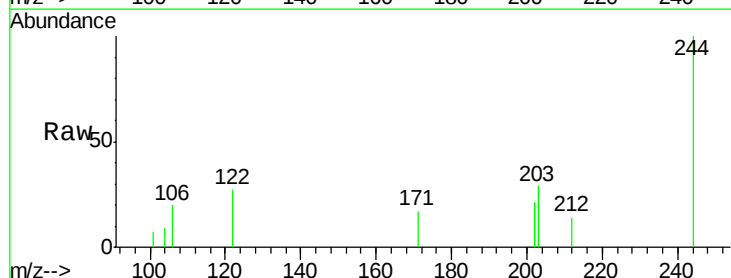
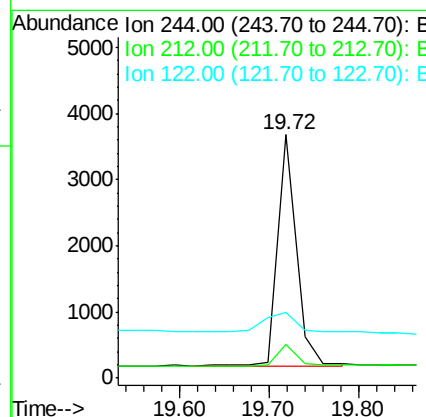
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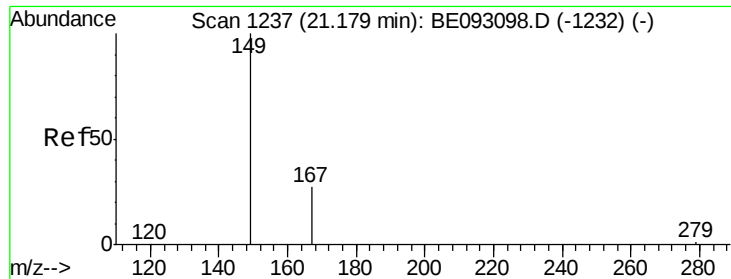
mohammad
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#29
 Terphenyl-d14
 Concen: 0.508 ng
 RT: 19.72 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BE093115.D
 Acq: 12 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.7	10.6	16.0
122	27.2	15.4	23.0





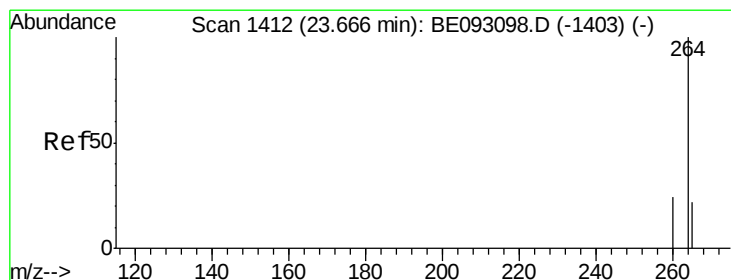
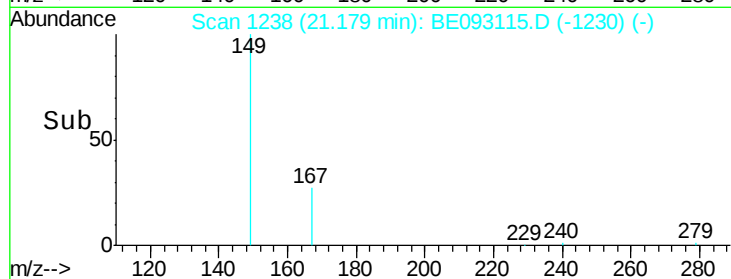
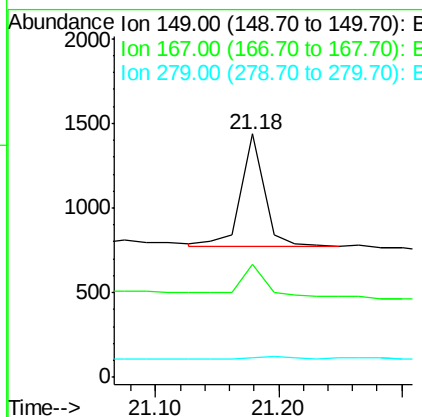
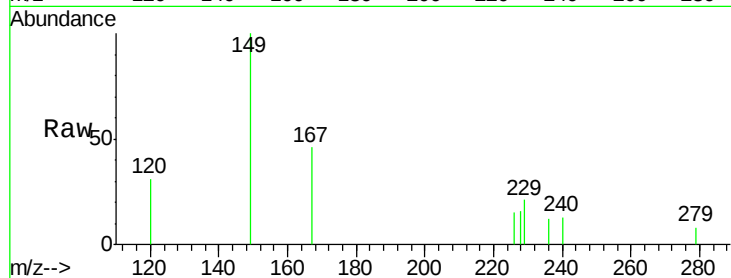
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.134 ng
 RT: 21.18 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BE093115.D
 Acq: 12 Jun 2017 23:24

Instrument :
 BNA_E
 ClientSampleId :
 MW-113

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	20.1	30.1#
279	3.5	2.2	3.4#

Manual Integrations
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 6/13/2017 3:55:51 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BE093115.D
 Acq: 12 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.0	31.4
265	32.9	24.6	36.8

