

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
 Data File : BE094653.D
 Acq On : 30 Oct 2017 21:14
 Operator : SJ/JU
 Sample : I6040-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

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 10/31/2017 7:38:00 PM

Quant Time: Oct 31 12:18:56 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2474	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	78274	0.40	ng	-0.10
13) Acenaphthene-d10	14.29	164	11208	0.40	ng	-0.22
19) Phenanthrene-d10	17.27	188	36257m	0.40	ng	0.03
27) Chrysene-d12	21.45	240	8652m	0.40	ng	0.02
34) Perylene-d12	23.97	264	6823m	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.48	112	2021	0.24	ng	-0.05
5) Phenol-d6	7.10	99	14858	1.16	ng	-0.04
8) Nitrobenzene-d5	9.03	82	233214m	3.73	ng	-0.05
11) 2-Methylnaphthalene-d10	12.23	152	33261	0.26	ng	-0.06
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
25) Fluoranthene-d10	19.32	212	505561m	1.40	ng	0.04
29) Terphenyl-d14	19.91	244	9972m	0.61	ng	0.04
Target Compounds						
9) Naphthalene	10.69	128	1839683	2.077	ng	# 52
12) 2-Methylnaphthalene	12.25	142	52677	0.350	ng	# 1
16) Acenaphthylene	13.96	152	761991	12.877	ng	# 1
17) Acenaphthene	14.36	154	61867	1.628	ng	# 5
18) Fluorene	15.28	166	22566	0.463	ng	# 1
23) Phenanthrene	17.17	178	95394	1.090	ng	# 68
24) Anthracene	17.17	178	95394	0.895	ng	# 62
26) Fluoranthene	19.05	202	51291	0.372	ng	# 1
28) Pyrene	19.75	202	1077765m	35.615	ng	
32) Bis(2-ethylhexyl)phthalate	21.29	149	156481m	2.266	ng	

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

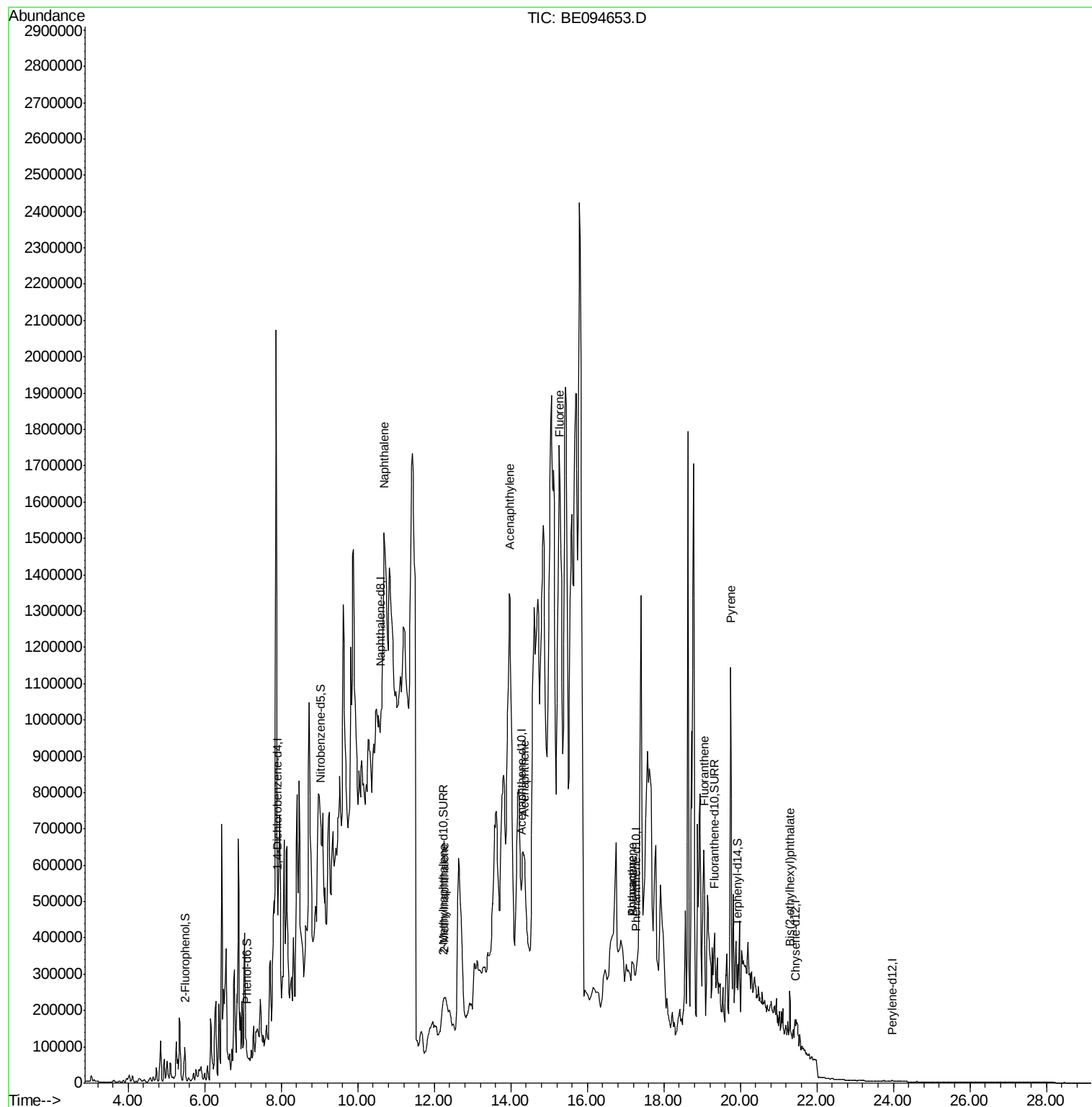
Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094653.D
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Sample : I6040-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

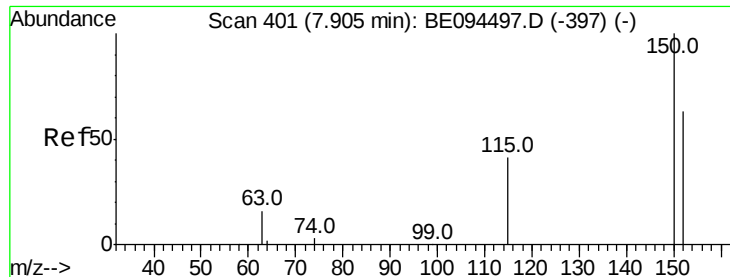
Instrument :
BNA_E
ClientSampleId :
MW-1

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
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#1

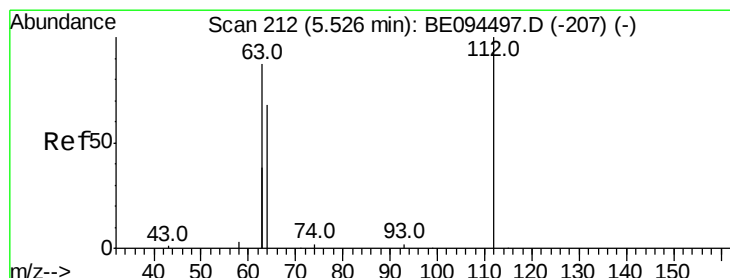
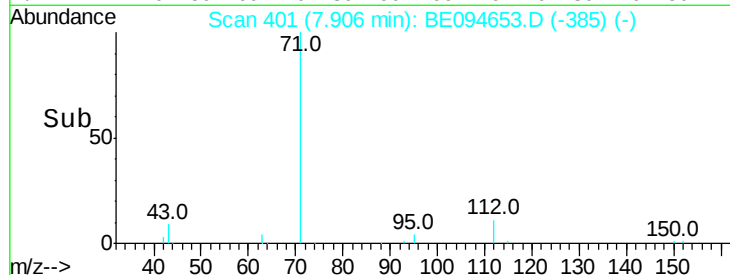
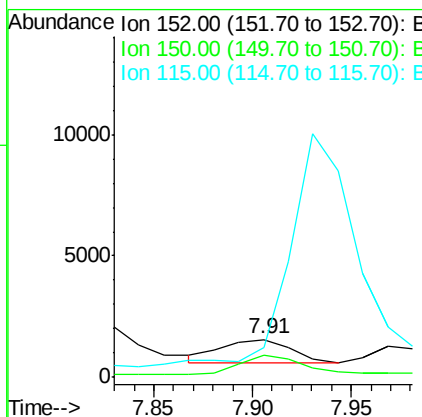
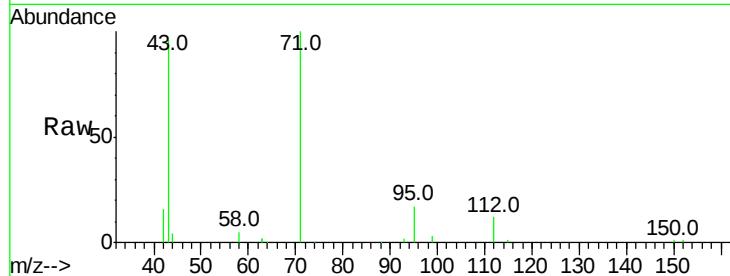
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampled :
MW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	60.3	117.2	175.8#
115	80.3	57.0	85.6

Manual Integrations
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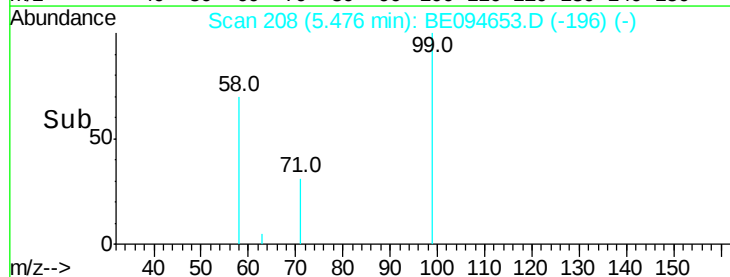
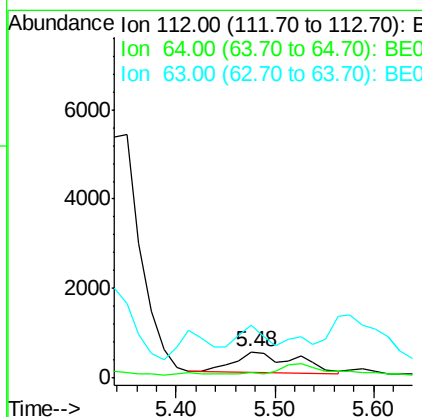
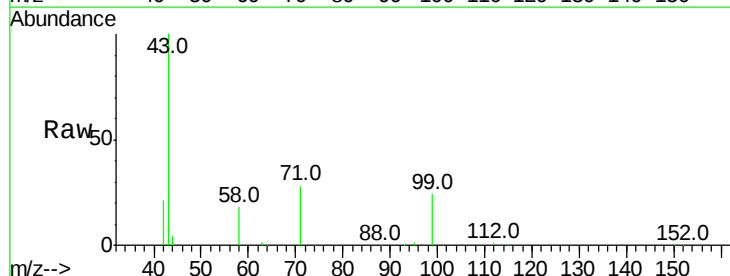
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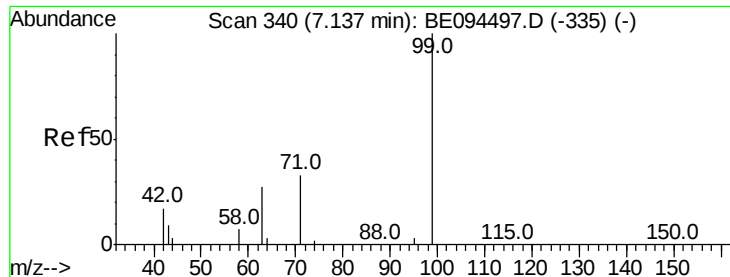


#4

2-Fluorophenol
Concen: 0.238 ng
RT: 5.48 min Scan# 208
Delta R.T. -0.05 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.1	90.1#
63	81.2	116.8	175.2#





#5

Phenol-d6

Concen: 1.161 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.04 min

Lab File: BE094653.D

Acq: 30 Oct 2017 21:14

Instrument :

BNA_E

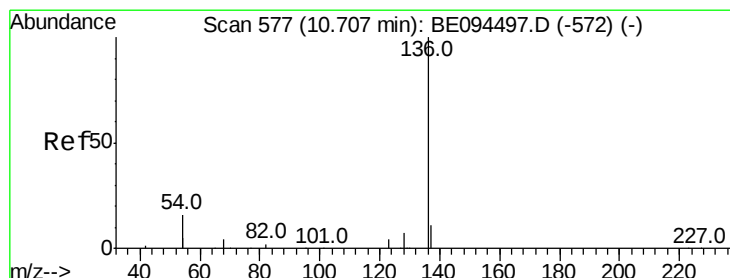
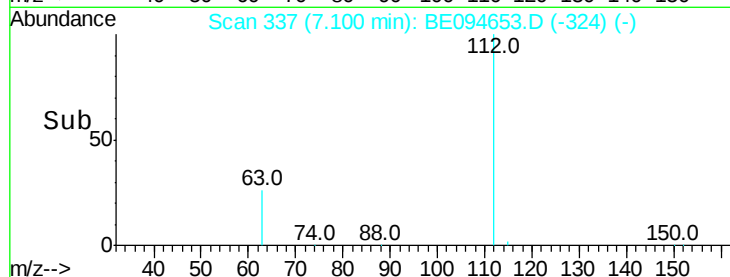
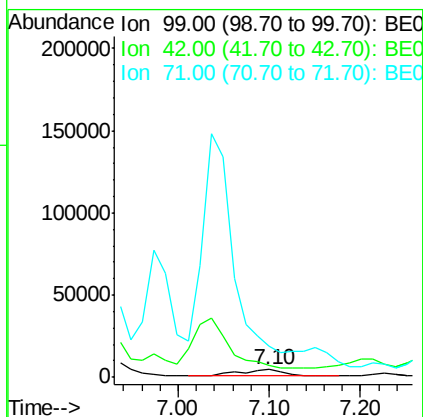
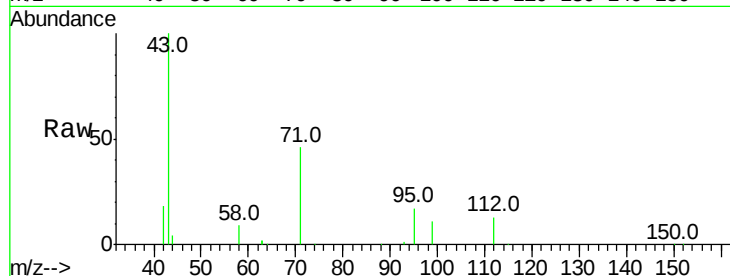
ClientSampled :

MW-1

Tot Ion:	99	Resp:	14858
Ion Ratio	Lower	Upper	
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

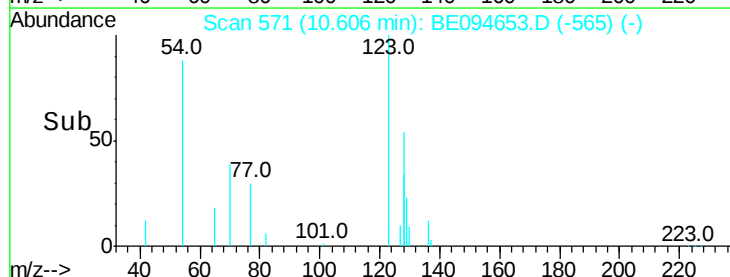
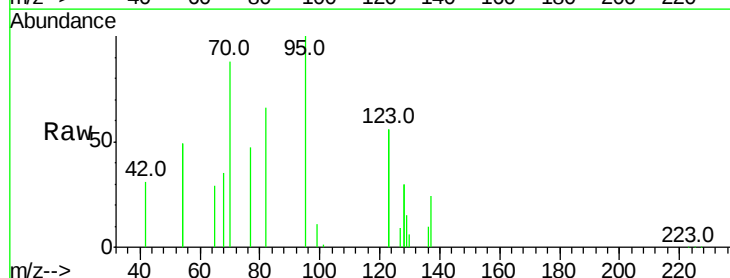
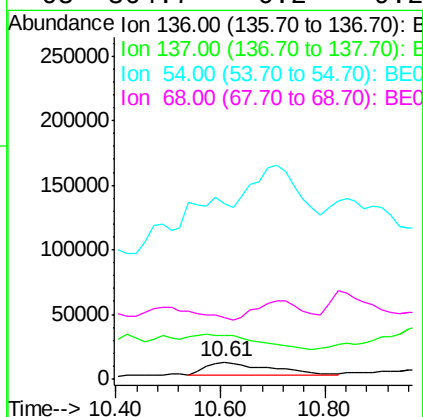
RT: 10.61 min Scan# 571

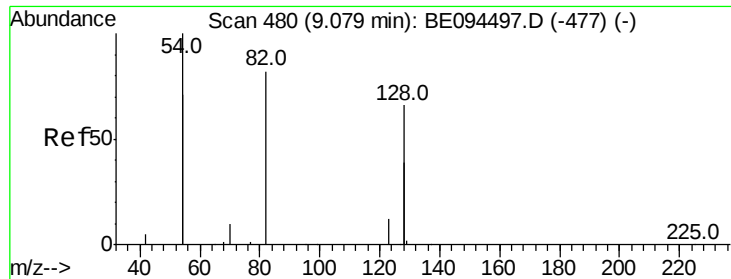
Delta R.T. -0.10 min

Lab File: BE094653.D

Acq: 30 Oct 2017 21:14

Tgt Ion:	136	Resp:	78274
Ion Ratio	Lower	Upper	
136	100		
137	256.8	9.5	14.3#
54	1036.1	29.1	43.7#
68	364.7	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 3.732 ng/ml

RT: 9.03 min Scan# 477

Delta R.T. -0.05 min

Lab File: BE094653.D

Acq: 30 Oct 2017 21:14

Instrument :

BNA_E

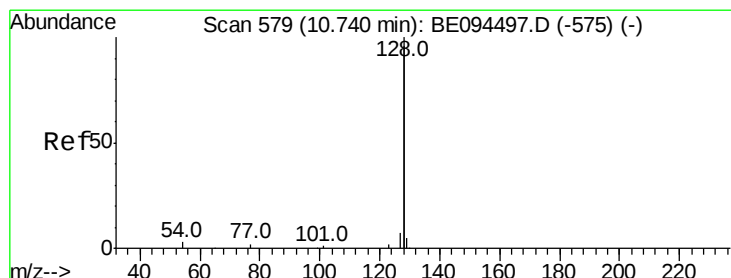
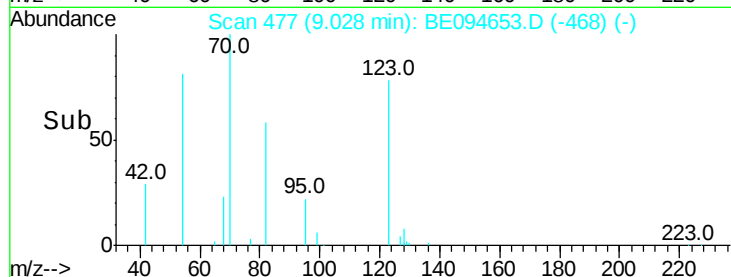
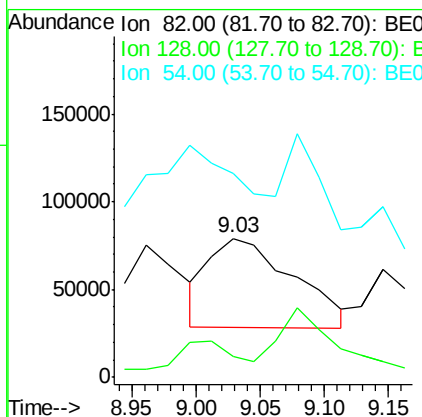
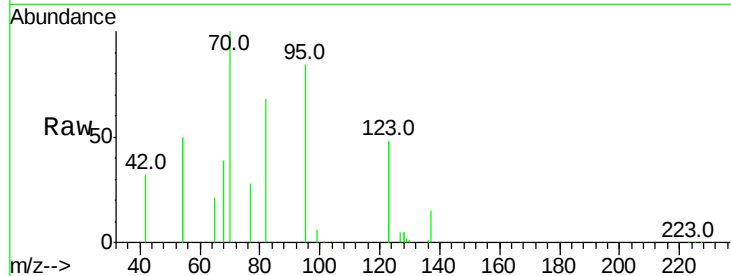
ClientSampleId :

MW-1

Tot Ion:	82	Resp:	233214
Ion Ratio	Lower	Upper	
82	100		
128	7.3	150.0	225.0#
54	73.4	154.2	231.4#

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#9

Naphthalene

Concen: 2.077 ng/ml

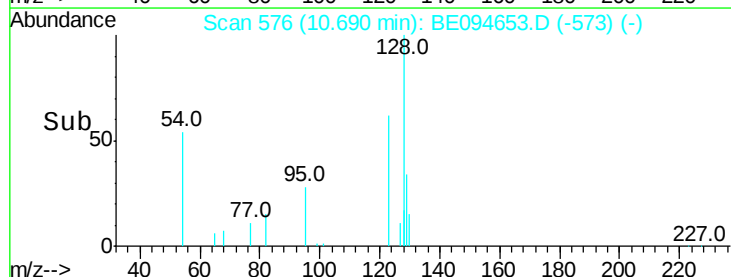
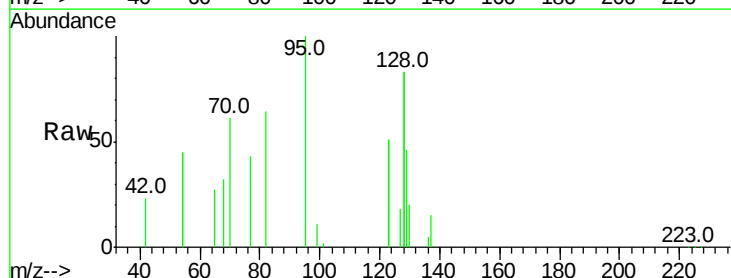
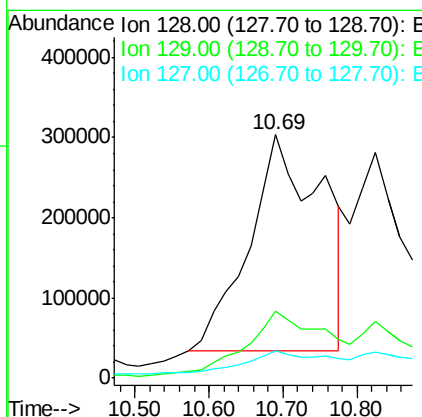
RT: 10.69 min Scan# 576

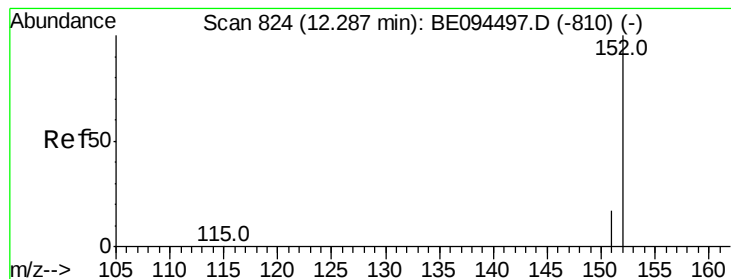
Delta R.T. -0.05 min

Lab File: BE094653.D

Acq: 30 Oct 2017 21:14

Tgt Ion:	128	Resp:	1839683
Ion Ratio	Lower	Upper	
128	100		
129	27.8	2.6	3.8#
127	11.1	2.8	4.2#





#11

2-Methylnaphthalene-d10

Concen: 0.265 ng

RT: 12.23 min Scan# 809

Delta R.T. -0.06 min

Lab File: BE094653.D

Acq: 30 Oct 2017 21:14

Instrument :

BNA_E

ClientSampleId :

MW-1

Tot Ion:152 Resp: 33261

Ion Ratio Lower Upper

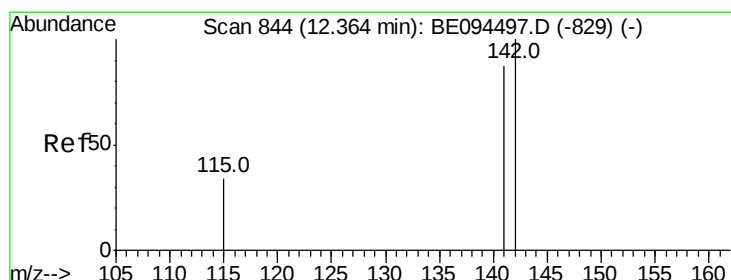
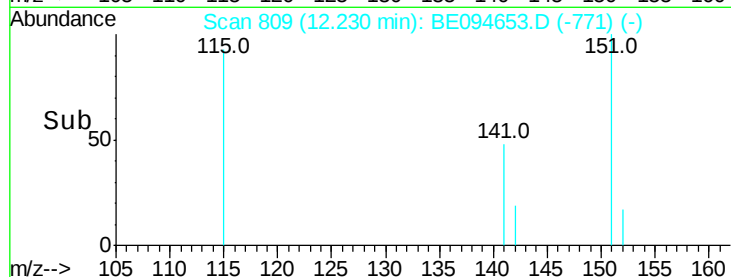
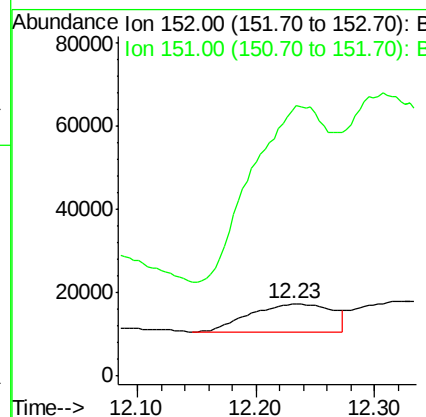
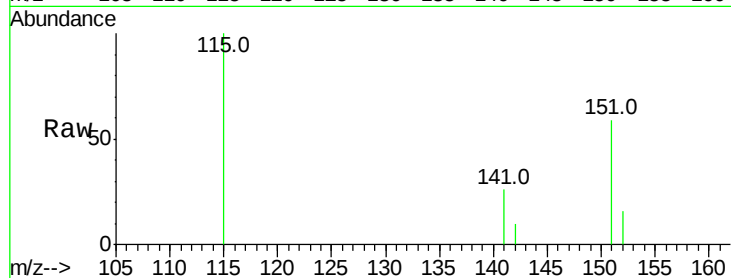
152 100

151 562.8 15.4 23.0#

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#12

2-Methylnaphthalene

Concen: 0.350 ng

RT: 12.25 min Scan# 814

Delta R.T. -0.11 min

Lab File: BE094653.D

Acq: 30 Oct 2017 21:14

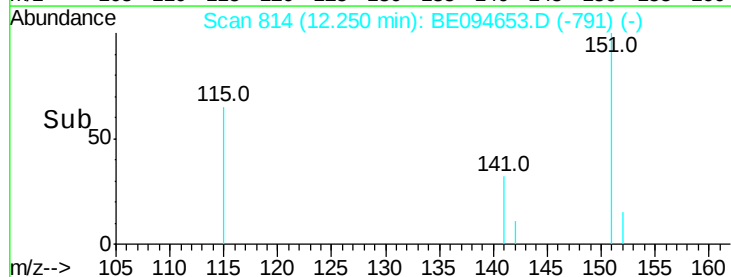
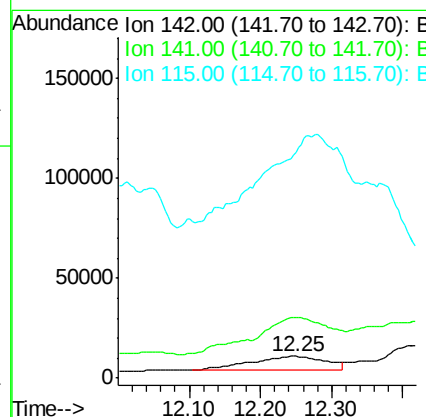
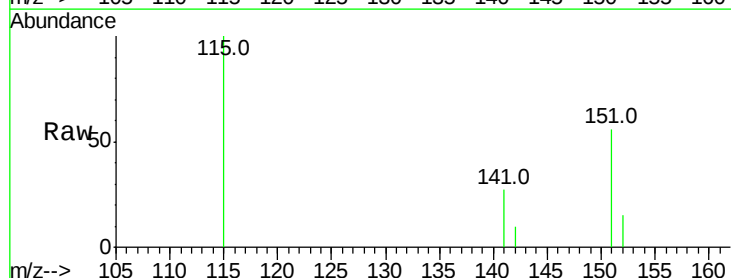
Tgt Ion:142 Resp: 52677

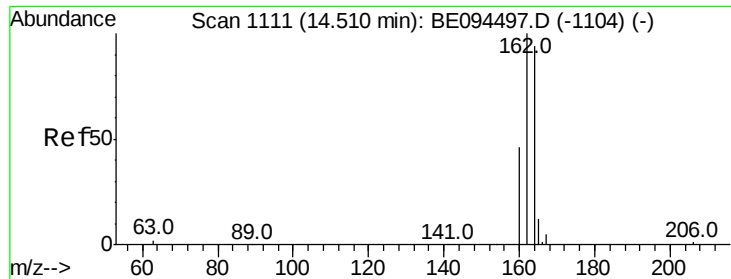
Ion Ratio Lower Upper

142 100

141 278.8 70.4 105.6#

115 1035.9 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.29 min Scan# 1096

Delta R.T. -0.22 min

Lab File: BE094653.D

Acq: 30 Oct 2017 21:14

Instrument :

BNA_E

ClientSampleId :

MW-1

Tot Ion:164 Resp: 11208

Ion Ratio Lower Upper

164 100

162 95.7 83.1 124.7

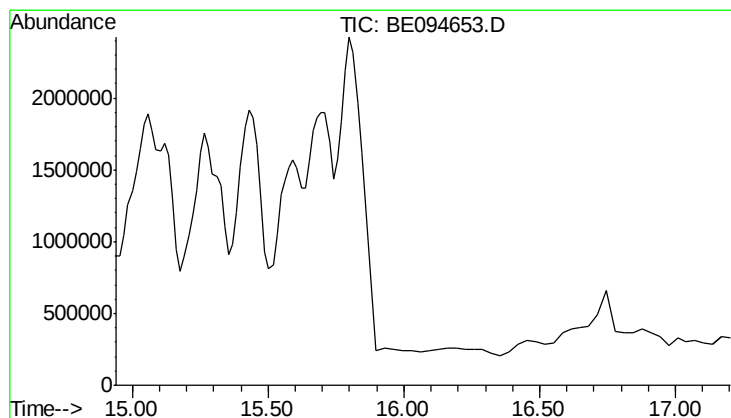
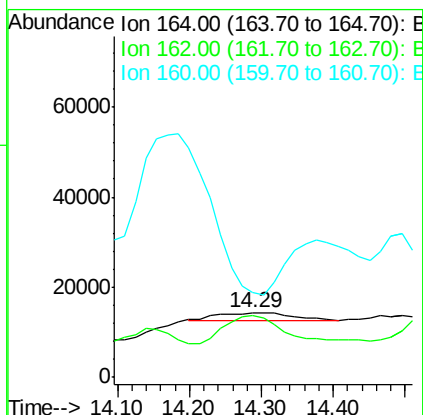
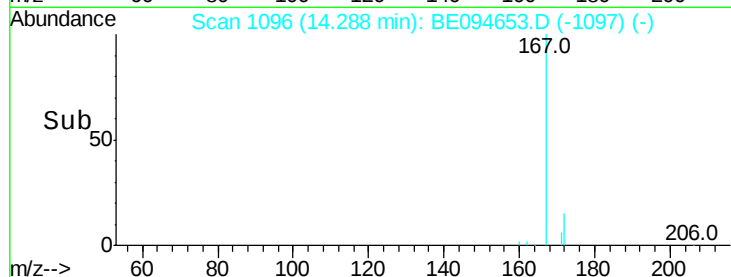
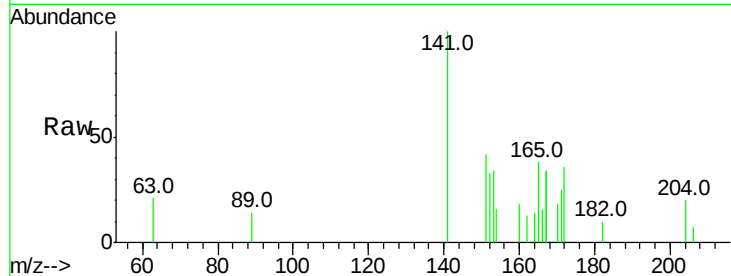
160 131.3 37.1 55.7#

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#14

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.03 min

Lab File: BE094653.D

Acq: 30 Oct 2017 21:14

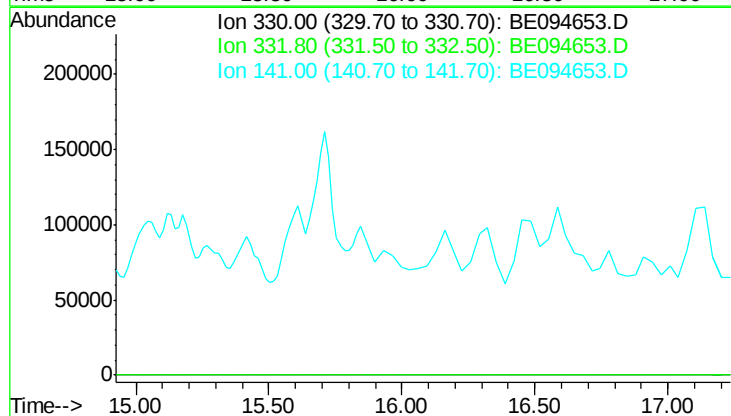
Tgt Ion: 330

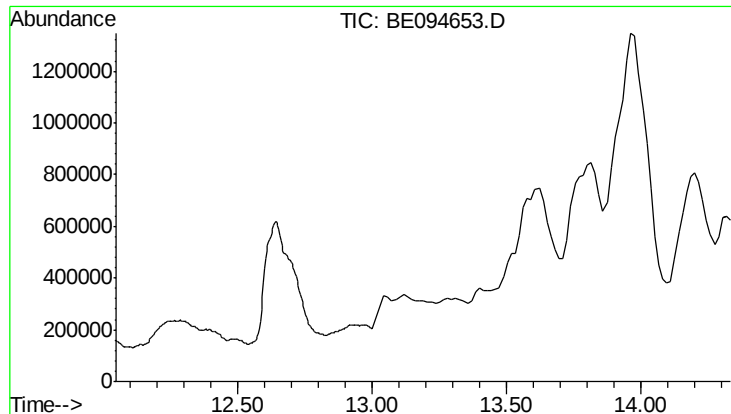
Sig Exp Ratio

330 100

332 190.9

141 42.1





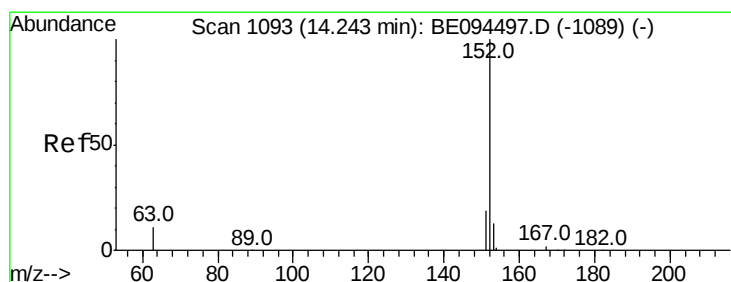
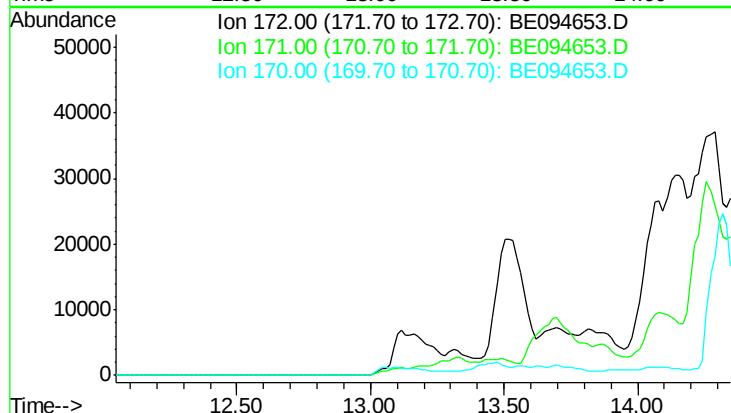
#15
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.15 min
 Lab File: BE094653.D
 Acq: 30 Oct 2017 21:14

Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 37.4
 170 27.3

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

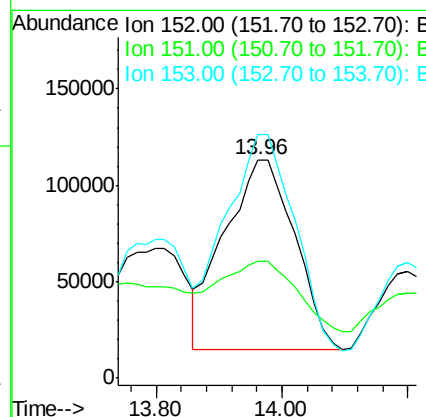
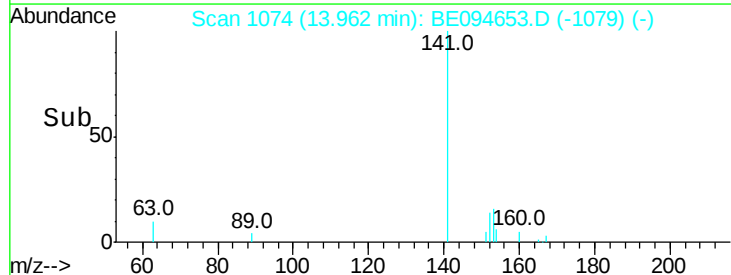
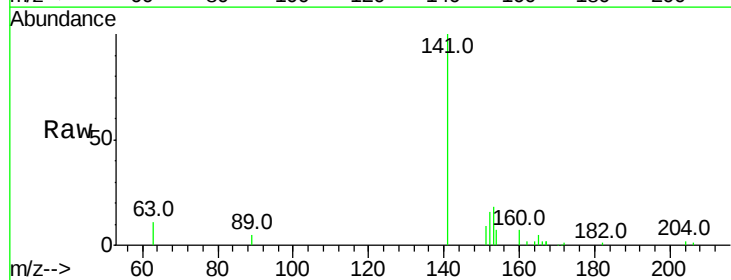
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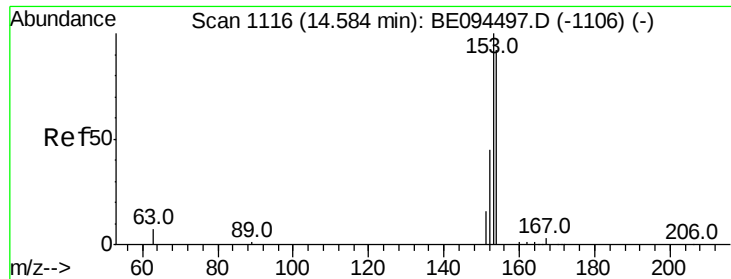
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#16
 Acenaphthylene
 Concen: 12.877 ng
 RT: 13.96 min Scan# 1074
 Delta R.T. -0.28 min
 Lab File: BE094653.D
 Acq: 30 Oct 2017 21:14

Tgt Ion: 152 Resp: 761991
 Ion Ratio Lower Upper
 152 100
 151 39.4 15.7 23.5#
 153 112.5 10.5 15.7#





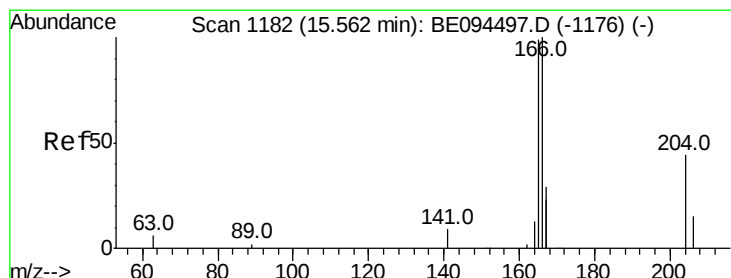
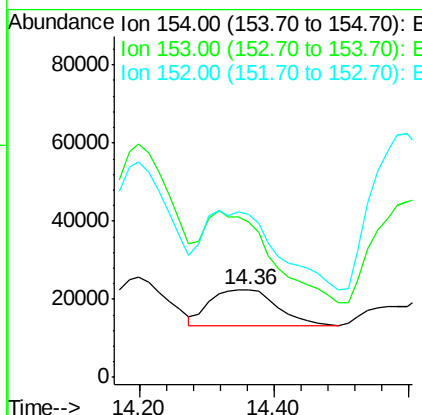
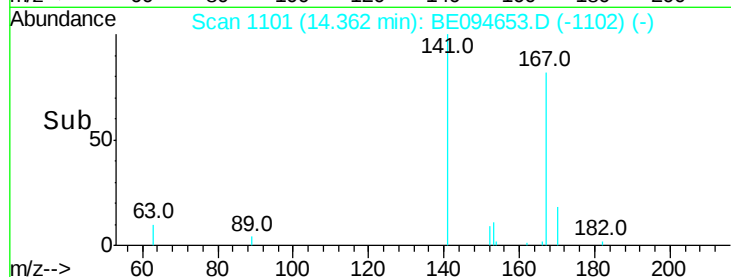
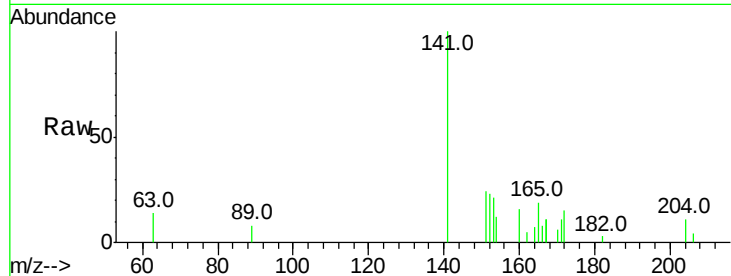
#17
Acenaphthene
Concen: 1.628 ng
RT: 14.36 min Scan# 1101
Delta R.T. -0.22 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :
MW-1

Tot Ion:154 Resp: 61867
Ion Ratio Lower Upper
154 100
153 0.0 89.2 133.8#
152 0.0 42.0 63.0#

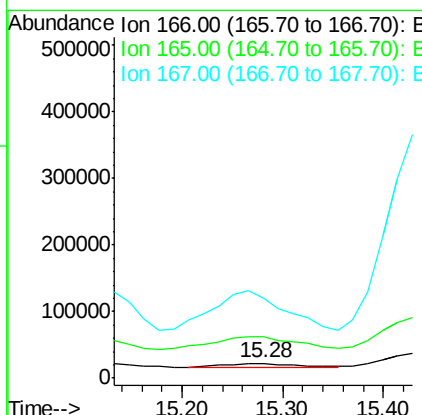
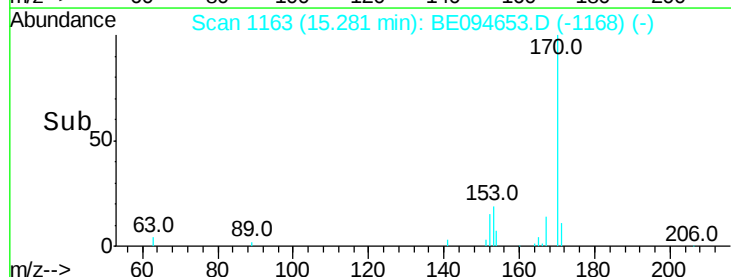
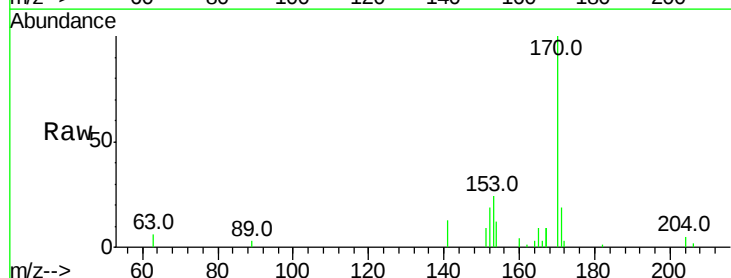
Manual Integrations
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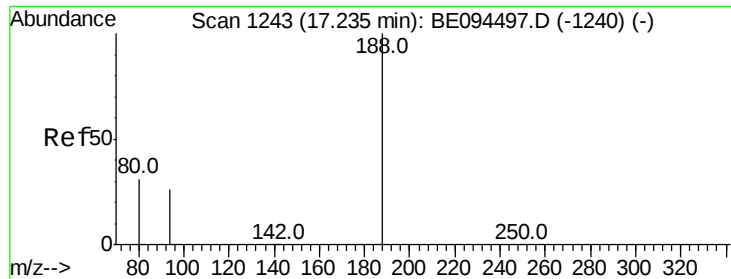
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#18
Fluorene
Concen: 0.463 ng
RT: 15.28 min Scan# 1163
Delta R.T. -0.28 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:166 Resp: 22566
Ion Ratio Lower Upper
166 100
165 501.6 77.8 116.6#
167 1302.1 42.4 63.6#





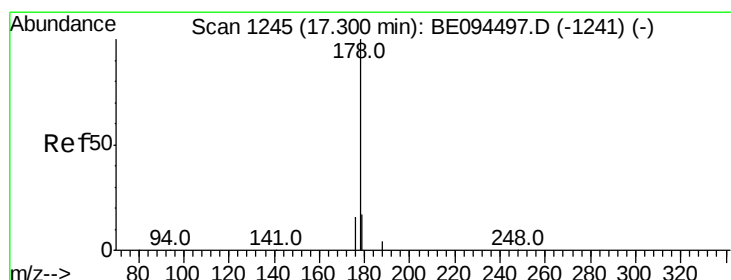
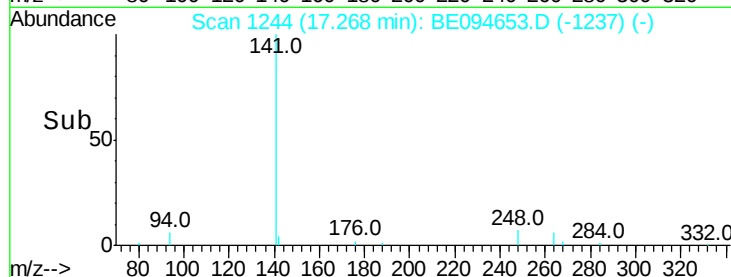
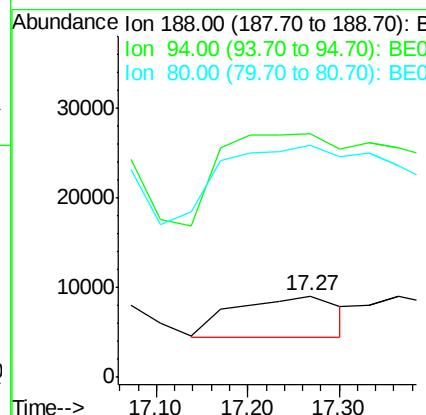
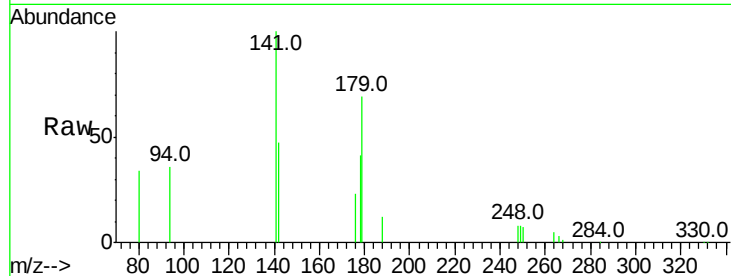
#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
188	100		
94	300.4	3.9	5.9#
80	285.9	3.6	5.4#

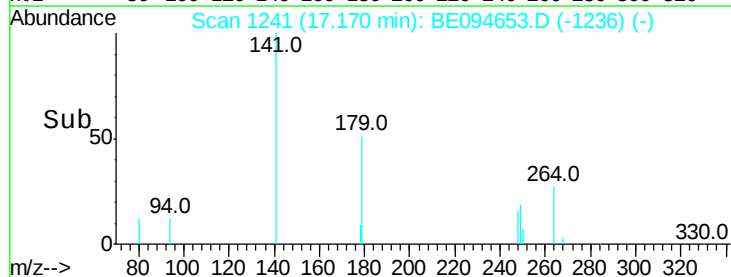
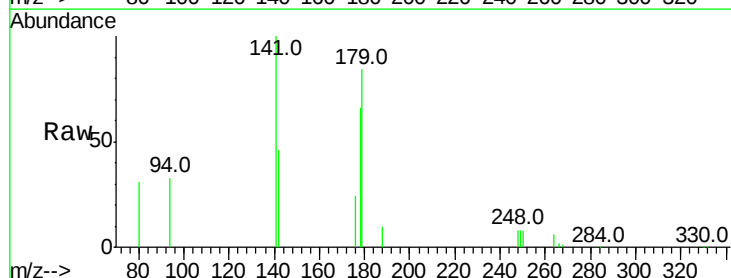
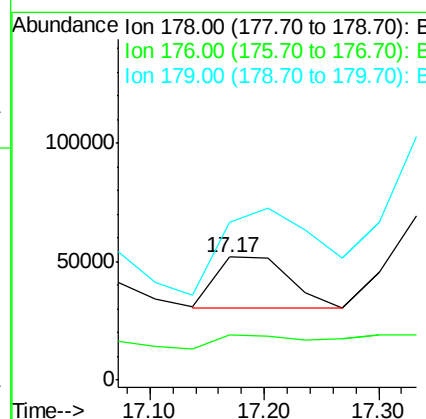
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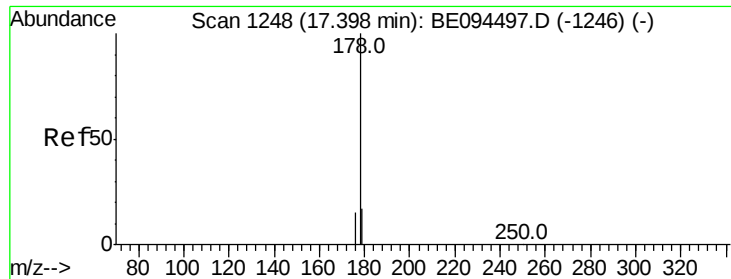
Sohil
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#23
Phenanthrene
Concen: 1.090 ng
RT: 17.17 min Scan# 1241
Delta R.T. -0.13 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	32.3	15.1	22.7#
179	0.0	11.8	17.6#





#24

Anthracene

Concen: 0.895 ng

RT: 17.17 min Scan# 1241

Delta R.T. -0.23 min

Lab File: BE094653.D

Acq: 30 Oct 2017 21:14

Instrument :

BNA_E

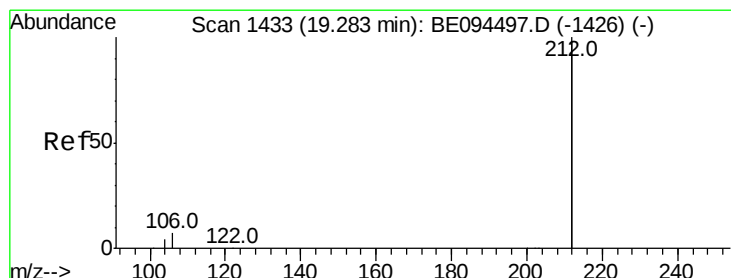
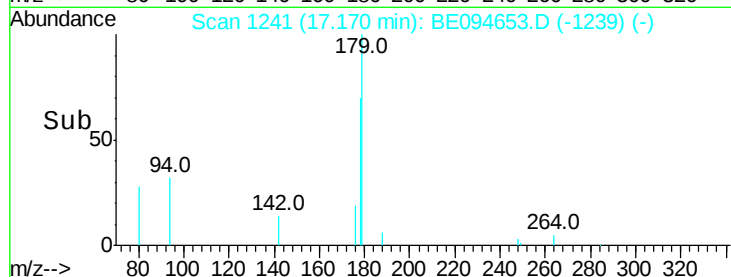
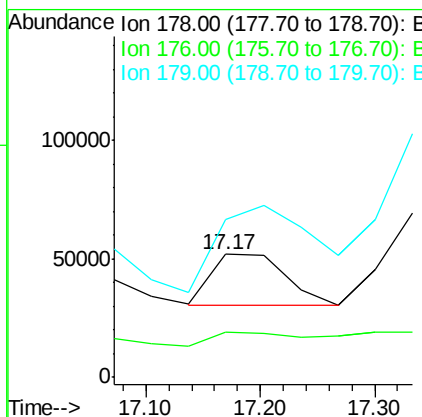
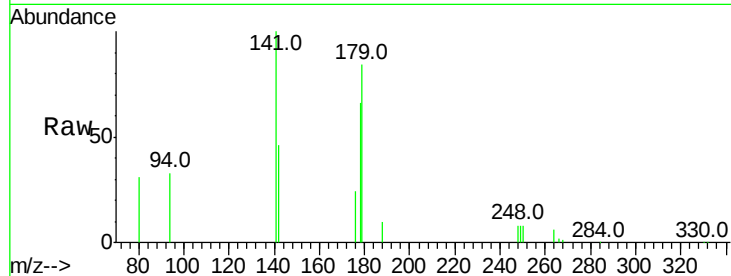
ClientSampled :

MW-1

Tot Ion:	178	Resp:	95394
Ion Ratio	Lower	Upper	
178	100		
176	32.3	12.8	19.2#
179	0.0	13.0	19.6#

Manual Integrations
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#25

Fluoranthene-d10

Concen: 1.395 ng m

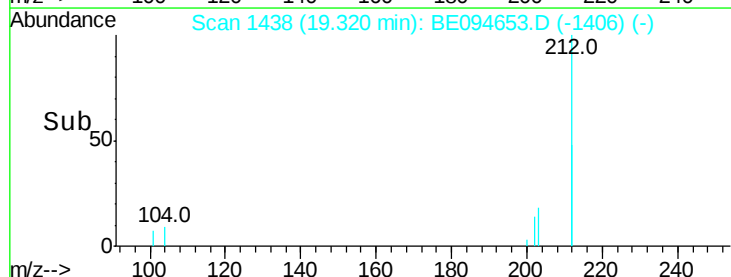
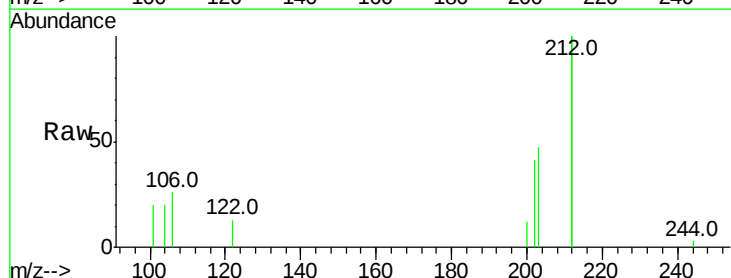
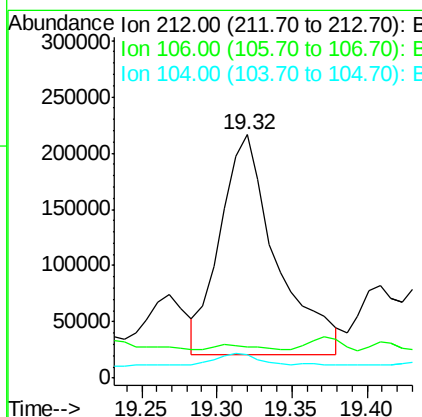
RT: 19.32 min Scan# 1438

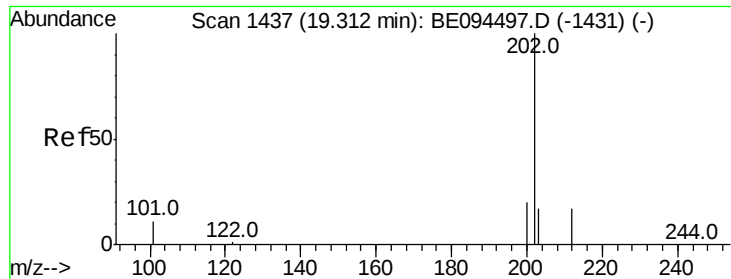
Delta R.T. 0.04 min

Lab File: BE094653.D

Acq: 30 Oct 2017 21:14

Tgt Ion:	212	Resp:	505561
Ion Ratio	Lower	Upper	
212	100		
106	4.2	2.8	4.2
104	1.8	1.6	2.4





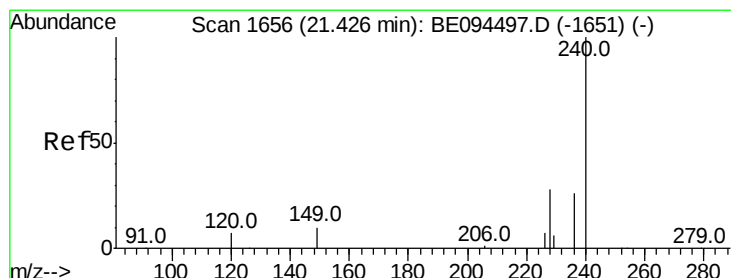
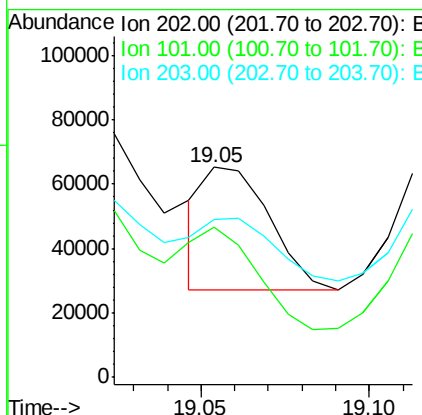
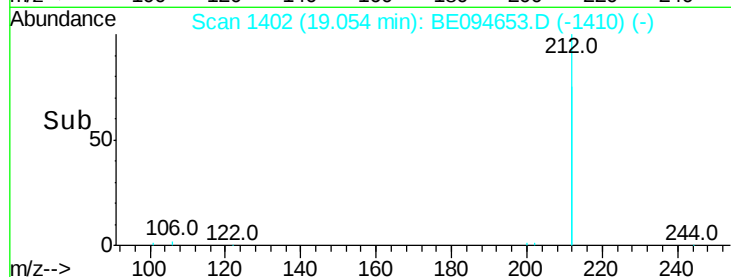
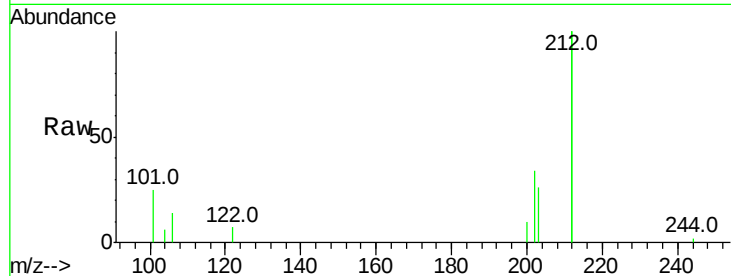
#26
 Fluoranthene
 Concen: 0.372 ng
 RT: 19.05 min Scan# 1402
 Delta R.T. -0.26 min
 Lab File: BE094653.D
 Acq: 30 Oct 2017 21:14

Instrument :
 BNA_E
 ClientSampled :
 MW-1

Tot Ion	Ratio	Lower	Upper
202	100		
101	89.9	9.8	14.8#
203	52.7	13.7	20.5#

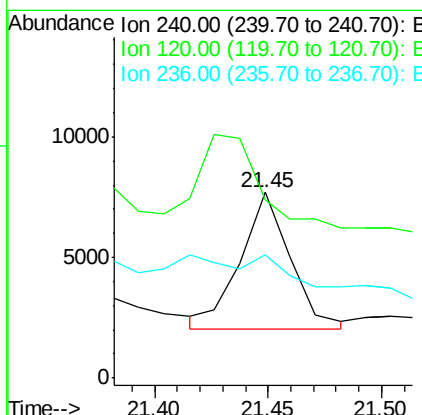
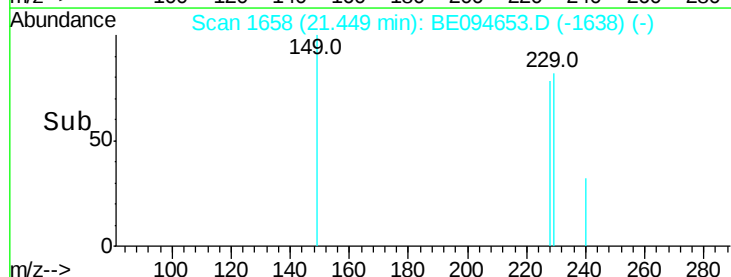
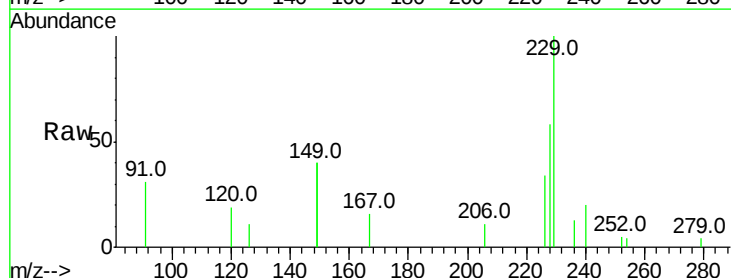
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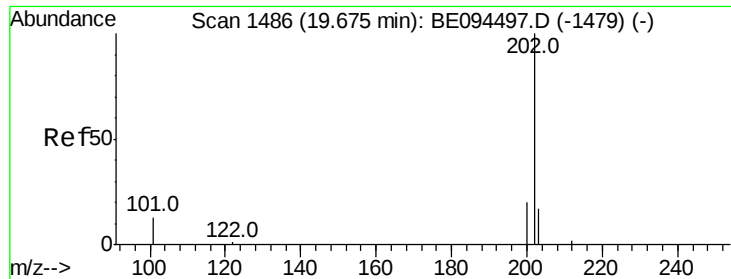
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#27
 Chrysene-d12
 Concen: 0.400 ng m
 RT: 21.45 min Scan# 1658
 Delta R.T. 0.02 min
 Lab File: BE094653.D
 Acq: 30 Oct 2017 21:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	95.8	5.5	8.3#
236	66.5	20.7	31.1#





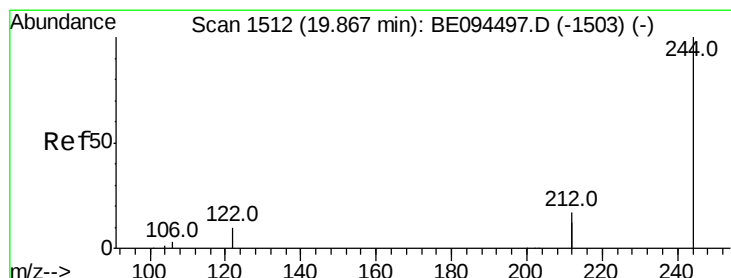
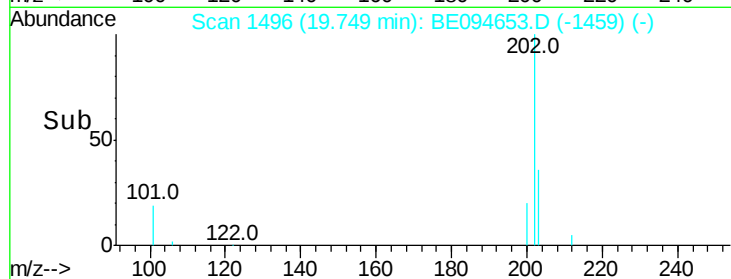
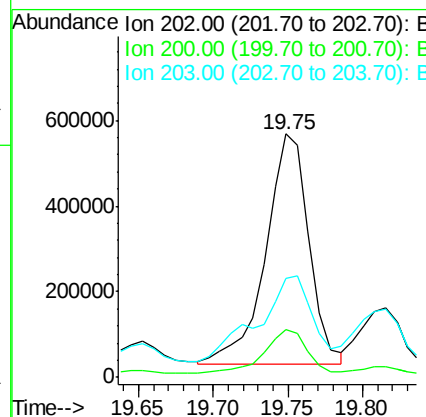
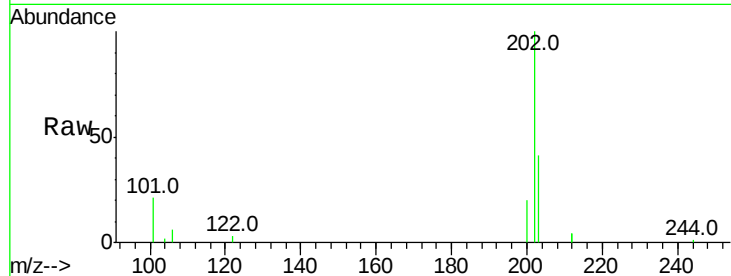
#28
Pvrene
Concen: 35.615 ng m
RT: 19.75 min Scan# 1496
Delta R.T. 0.07 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :
MW-1

Tot Ion:202 Resp: 1077765
Ion Ratio Lower Upper
202 100
200 0.8 16.6 25.0#
203 2.7 13.8 20.8#

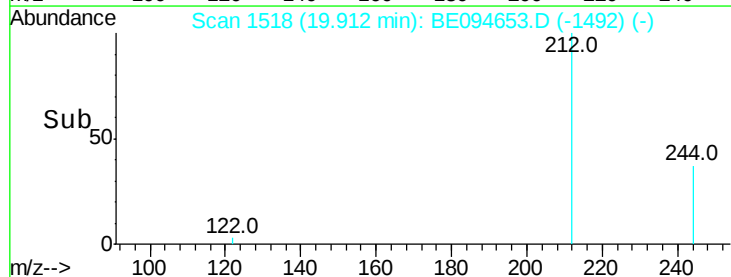
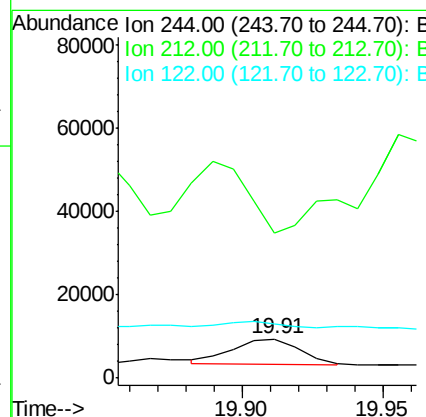
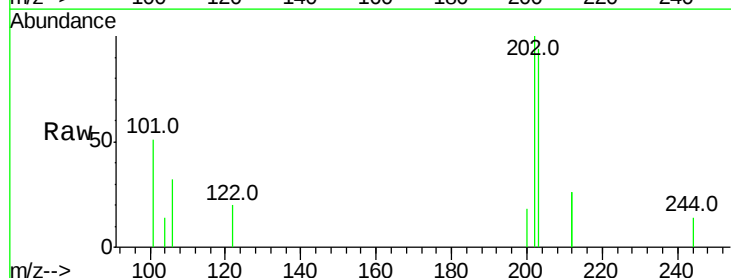
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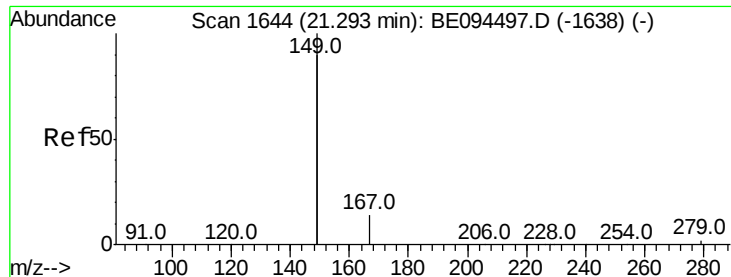
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#29
Terphenyl-d14
Concen: 0.611 ng m
RT: 19.91 min Scan# 1518
Delta R.T. 0.04 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:244 Resp: 9972
Ion Ratio Lower Upper
244 100
212 184.1 25.4 38.0#
122 137.6 8.1 12.1#





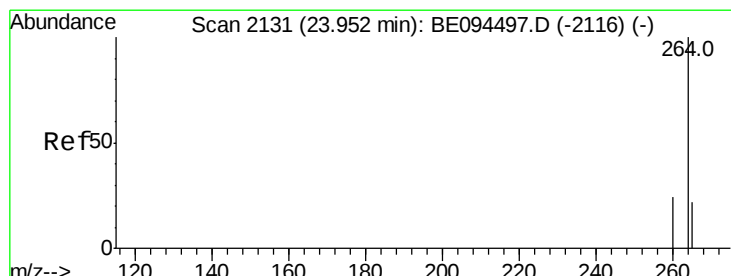
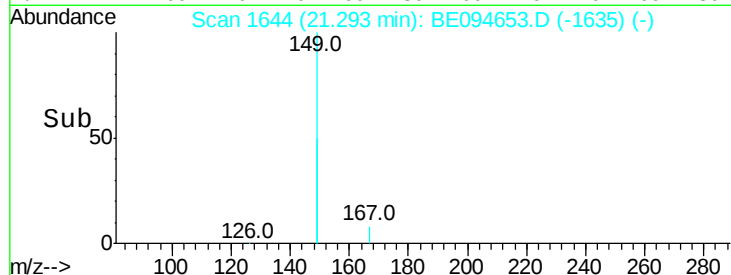
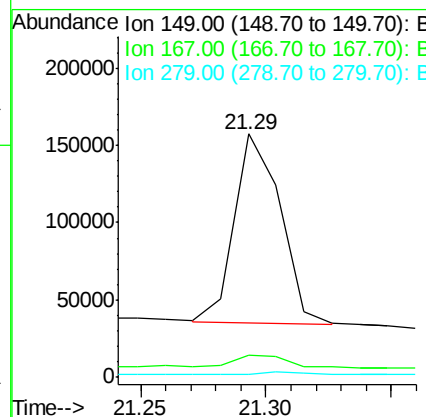
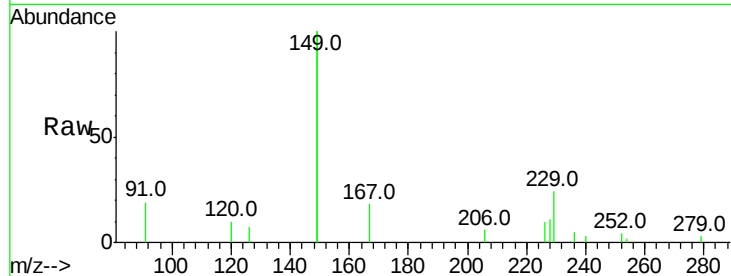
#32
Bis(2-ethylhexyl)phthalate
Concen: 2.266 ng m
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	5.4	8.0#
279	0.0	0.7	1.1#

Manual Integrations
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#34
Perylene-d12
Concen: 0.400 ng m
RT: 23.97 min Scan# 2135
Delta R.T. 0.02 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	31.6	20.5	30.7#
265	45.2	22.8	34.2#

