

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
 Data File : BE093651.D
 Acq On : 3 Aug 2017 10:26
 Operator : SJ/JU
 Sample : I4425-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-27-1

Manual Integrations
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 8/4/2017 5:29:05 PM

Quant Time: Aug 04 13:13:40 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2462	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12110	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	11301	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	19514	0.40	ng	0.00
27) Chrysene-d12	21.40	240	19661	0.40	ng	-0.01
34) Perylene-d12	23.91	264	17396	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	3196	0.44	ng	0.00
5) Phenol-d6	7.09	99	4191	0.38	ng	0.00
8) Nitrobenzene-d5	9.06	82	8054	0.87	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5582	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	589	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7484	0.17	ng	-0.02
25) Fluoranthene-d10	19.27	212	55795	0.25	ng	0.00
29) Terphenyl-d14	19.86	244	10686	0.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.76	128	129725	0.925	ng	# 95
12) 2-Methylnaphthalene	12.36	142	21568	0.930	ng	# 94
17) Acenaphthene	14.58	154	38338m	1.006	ng	
18) Fluorene	15.56	166	80661m	1.584	ng	
23) Phenanthrene	17.27	178	231891	5.404	ng	# 81
26) Fluoranthene	19.30	202	9537	0.140	ng	# 86
28) Pyrene	19.66	202	24833m	0.391	ng	
30) Benzo(a)anthracene	21.39	228	2103	0.036	ng	# 71
31) Chrysene	21.45	228	2015	0.031	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.30	149	17168	0.218	ng	98

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

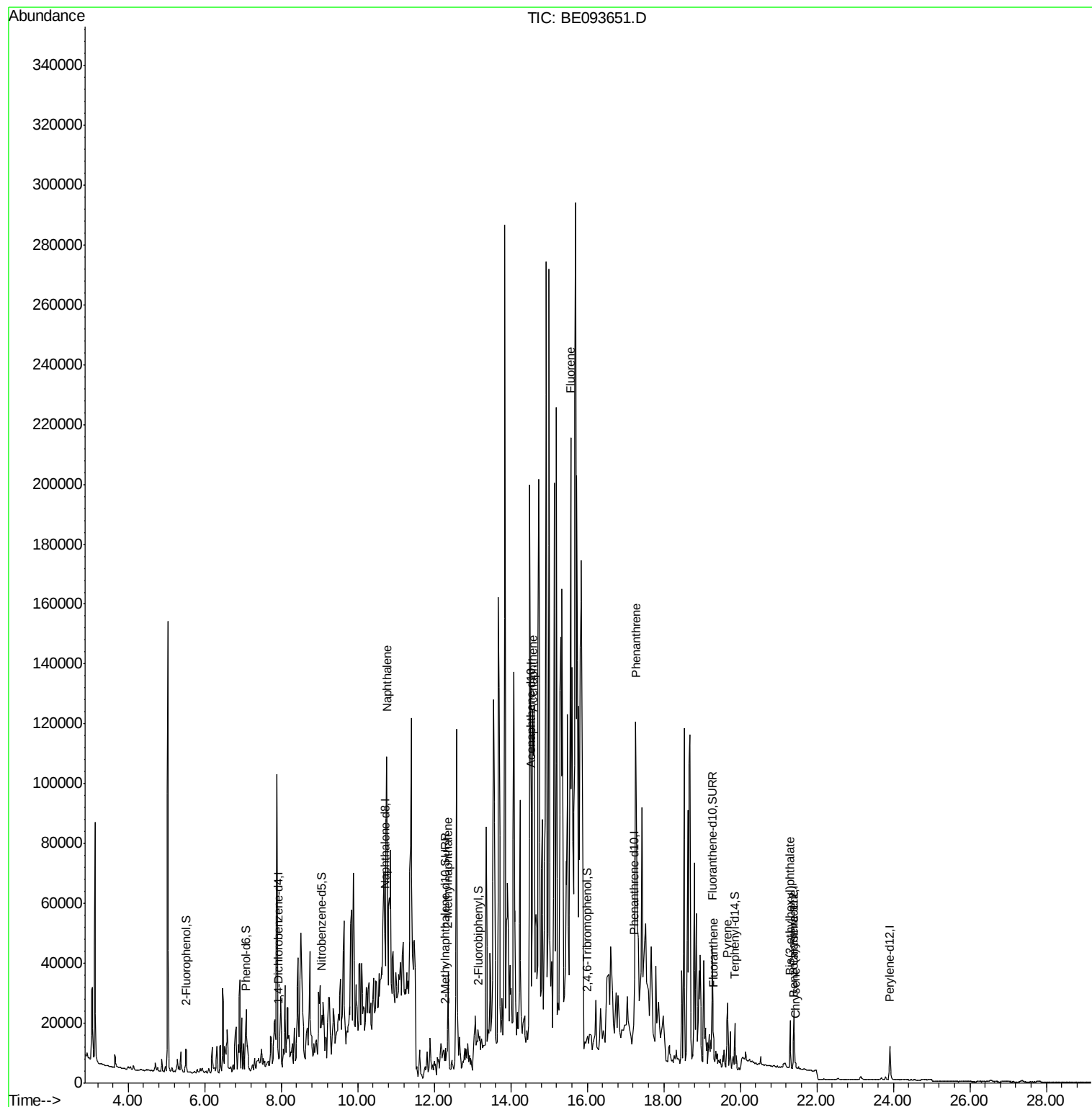
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
Data File : BE093651.D
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ALS Vial : 4 Sample Multiplier: 1

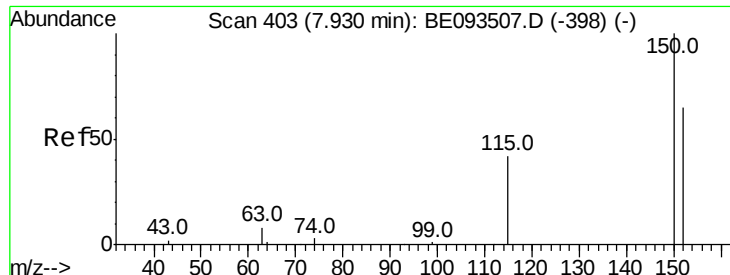
Instrument :
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Quant Time: Aug 04 13:13:40 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

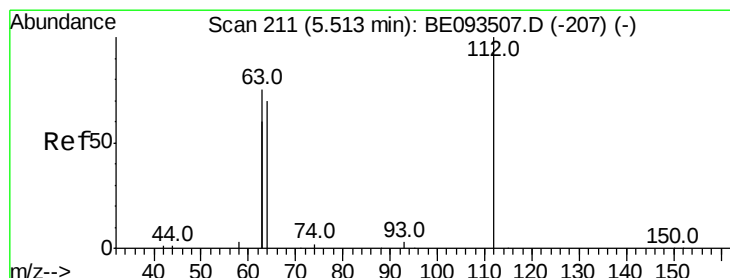
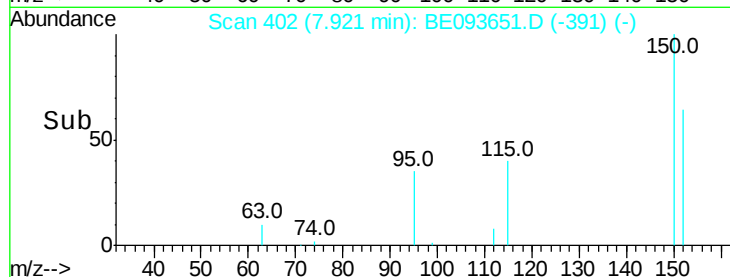
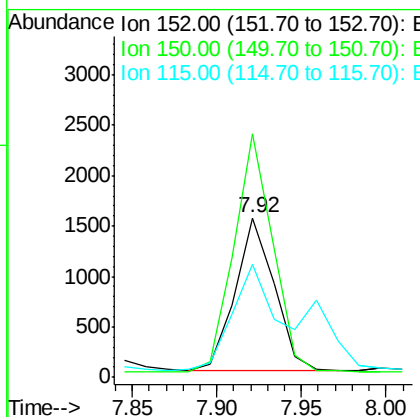
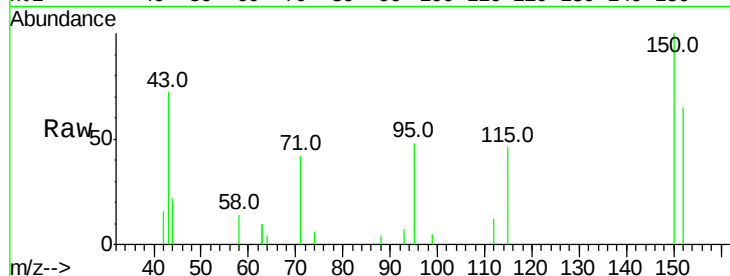
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093651.D
Acq: 3 Aug 2017 10:26

Instrument :
BNA_E
ClientSampled :
CSSB-27-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.1	187.7
115	70.8	55.7	83.5

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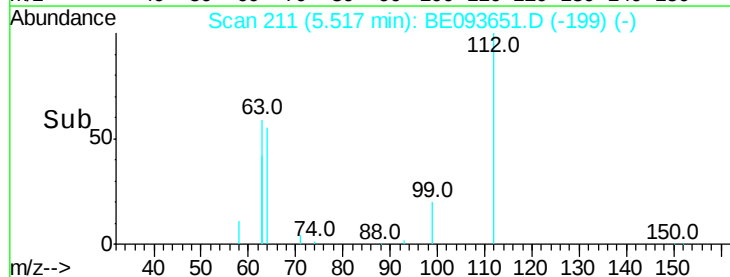
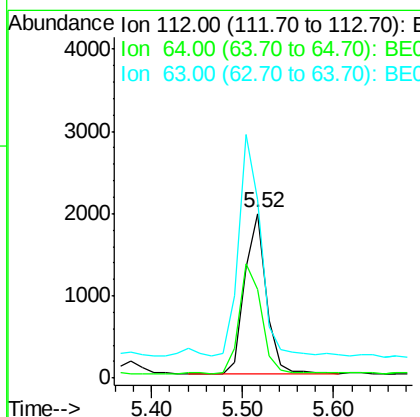
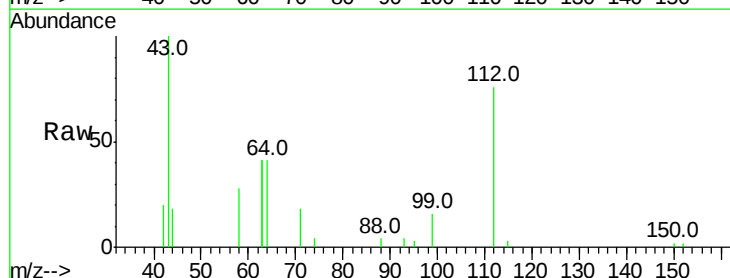
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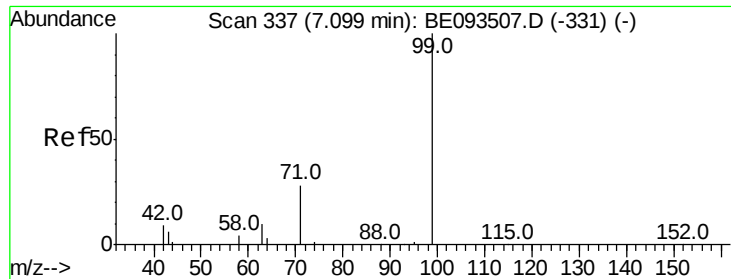


#4

2-Fluorophenol
Concen: 0.436 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093651.D
Acq: 3 Aug 2017 10:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	56.4	84.6
63	141.0	29.3	43.9#





#5

Phenol-d6

Concen: 0.380 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093651.D

Acq: 3 Aug 2017 10:26

Instrument :

BNA_E

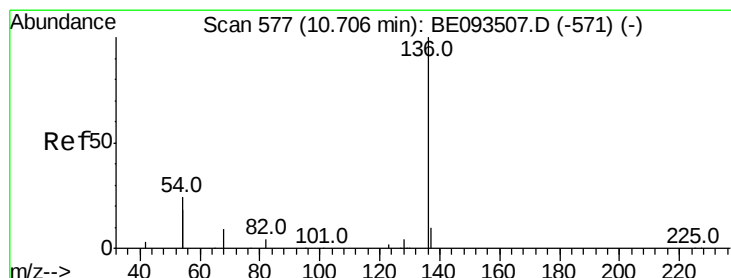
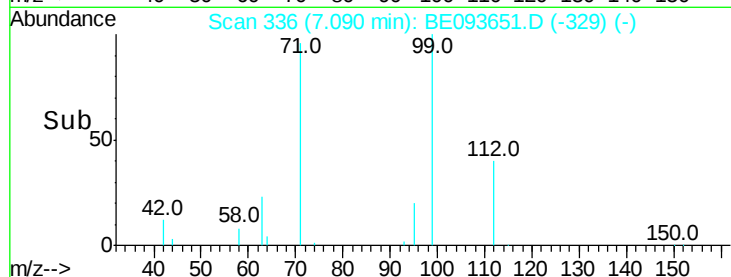
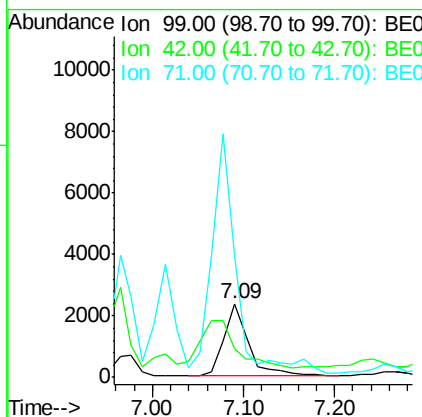
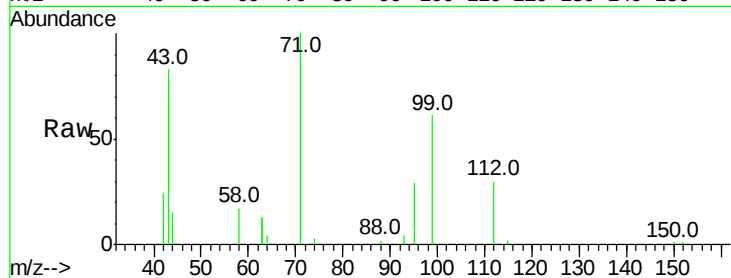
ClientSampled :

CSSB-27-1

Tot Ion:	99	Resp:	4191
Ion Ratio	Lower	Upper	
99	100		
42	96.6	0.0	0.0#
71	333.2	0.0	0.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

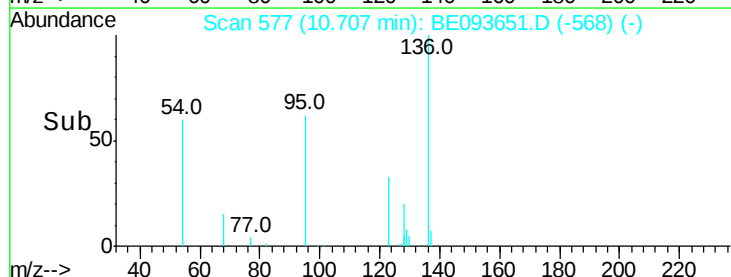
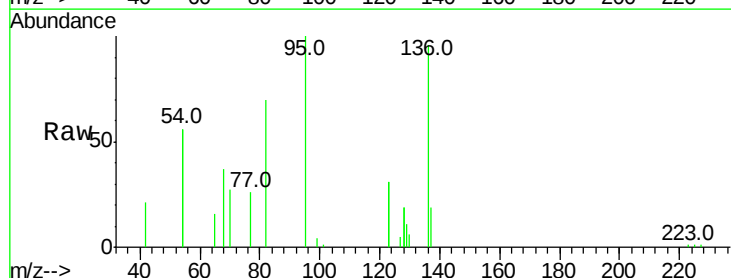
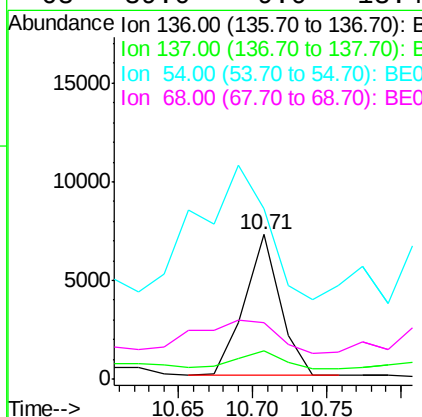
RT: 10.71 min Scan# 577

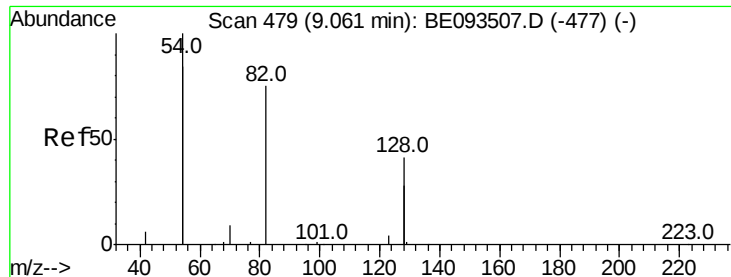
Delta R.T. 0.00 min

Lab File: BE093651.D

Acq: 3 Aug 2017 10:26

Tgt Ion:	136	Resp:	12110
Ion Ratio	Lower	Upper	
136	100		
137	19.6	9.8	14.8#
54	117.6	10.3	15.5#
68	39.0	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.871 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093651.D

Acq: 3 Aug 2017 10:26

Instrument :

BNA_E

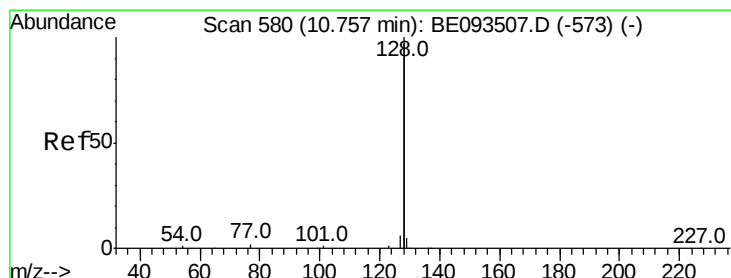
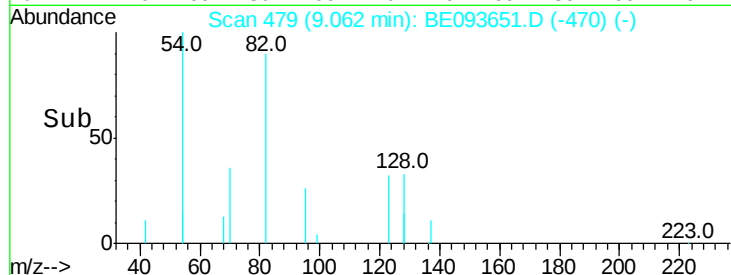
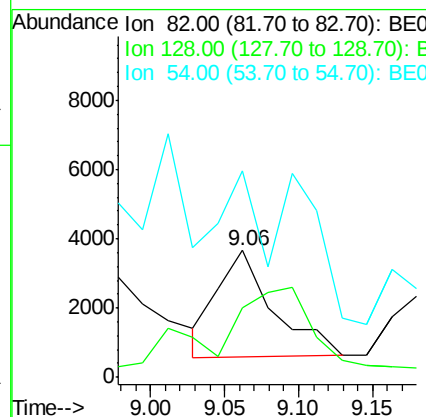
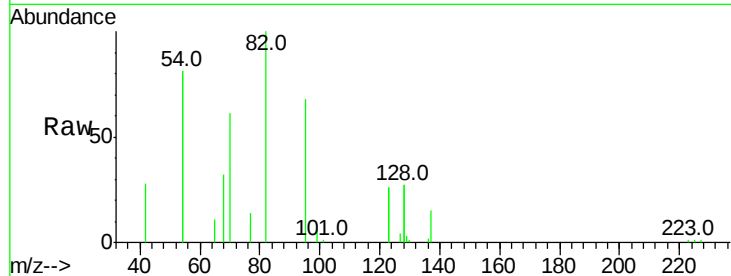
ClientSampled :

CSSB-27-1

Tot Ion:	82	Resp:	8054
Ion Ratio	Lower	Upper	
82	100		
128	54.4	17.0	25.4#
54	162.4	53.8	80.6#

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#9

Naphthalene

Concen: 0.925 ng

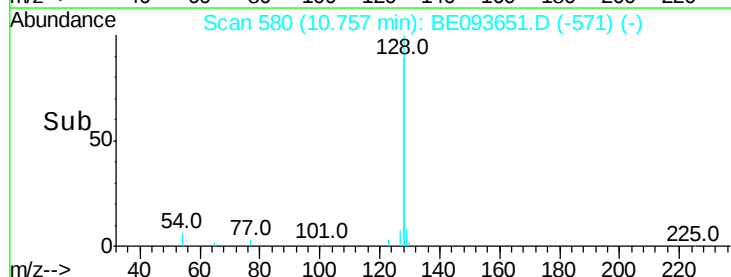
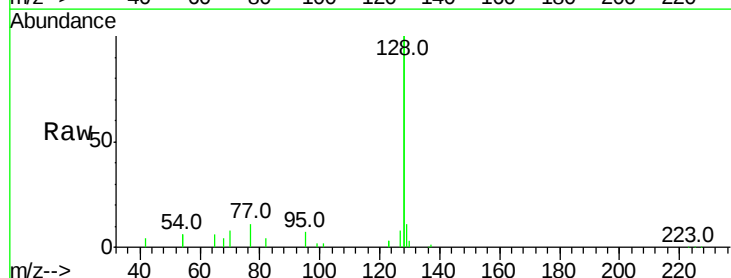
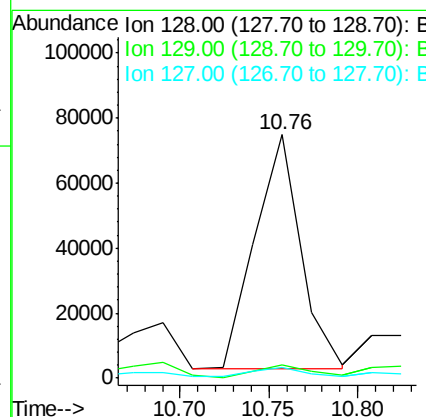
RT: 10.76 min Scan# 580

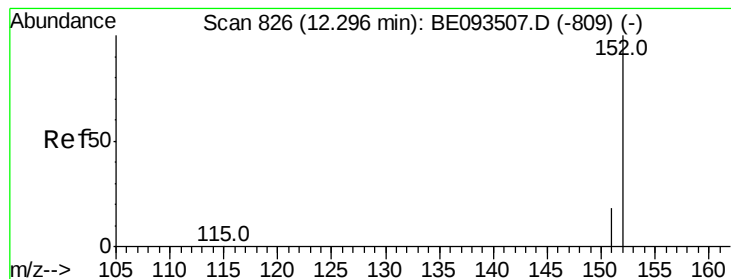
Delta R.T. 0.00 min

Lab File: BE093651.D

Acq: 3 Aug 2017 10:26

Tgt Ion:	128	Resp:	129725
Ion Ratio	Lower	Upper	
128	100		
129	5.3	2.4	3.6#
127	4.2	2.4	3.6#





#11

2-Methylnaphthalene-d10

Concen: 0.292 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093651.D

Acq: 3 Aug 2017 10:26

Instrument :

BNA_E

ClientSampled :

CSSB-27-1

Tot Ion:152 Resp: 5582

Ion Ratio Lower Upper

152 100

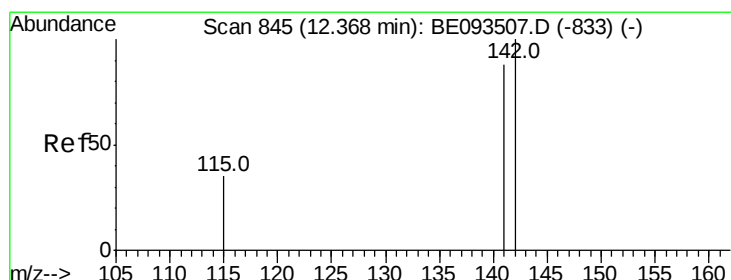
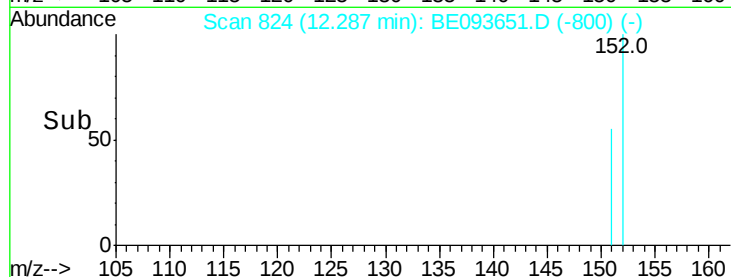
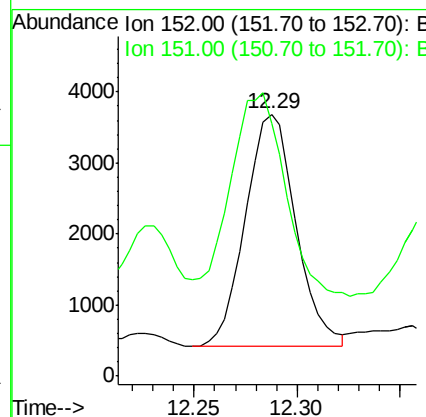
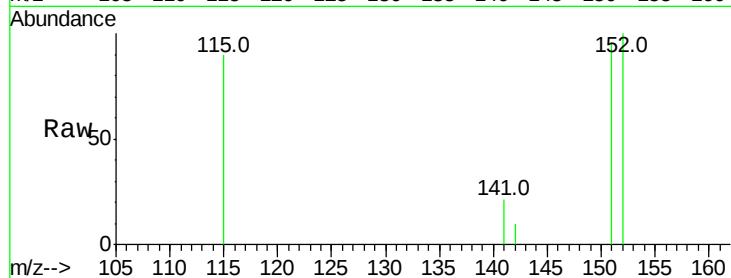
151 93.6 15.1 22.7#

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#12

2-Methylnaphthalene

Concen: 0.930 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093651.D

Acq: 3 Aug 2017 10:26

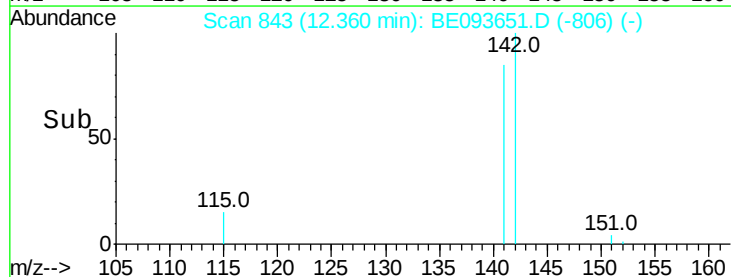
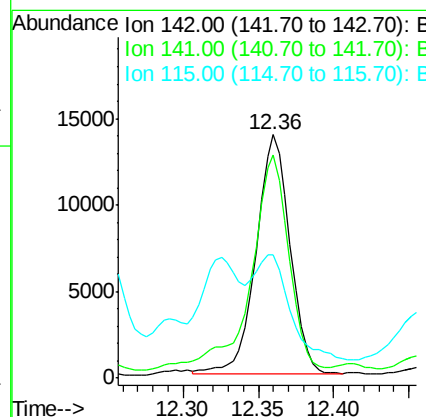
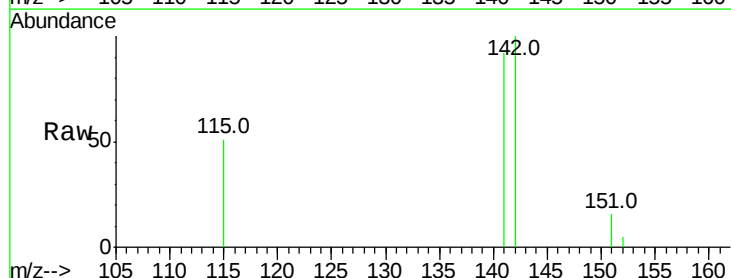
Tgt Ion:142 Resp: 21568

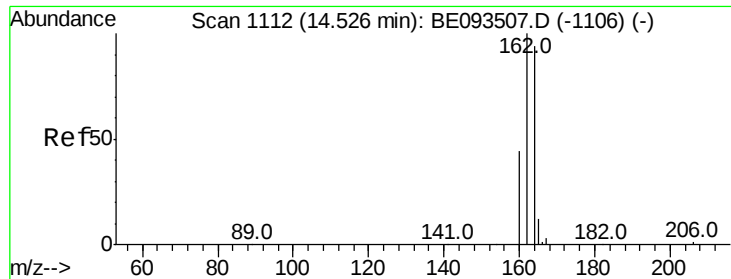
Ion Ratio Lower Upper

142 100

141 91.6 72.6 108.8

115 50.5 32.2 48.2#





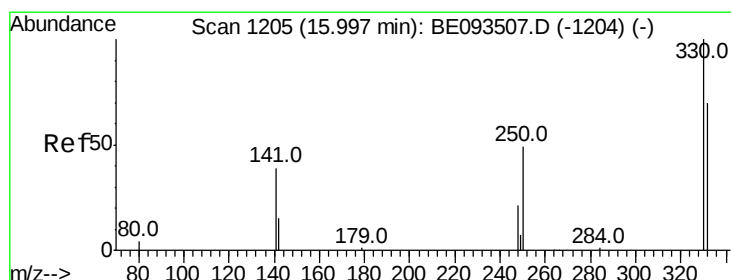
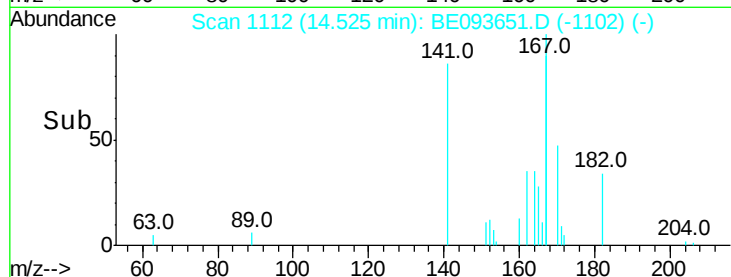
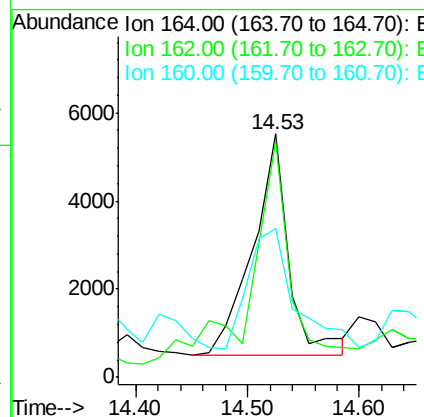
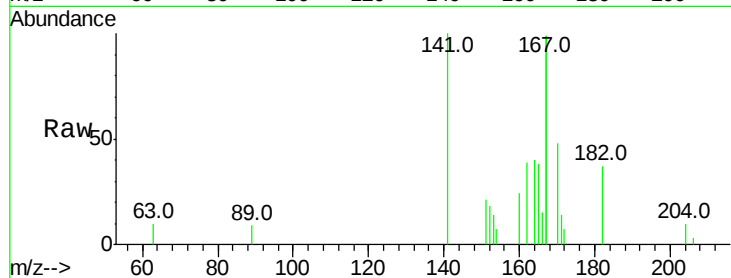
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093651.D
 Acq: 3 Aug 2017 10:26

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-27-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.7	84.6	127.0
160	61.2	41.8	62.6

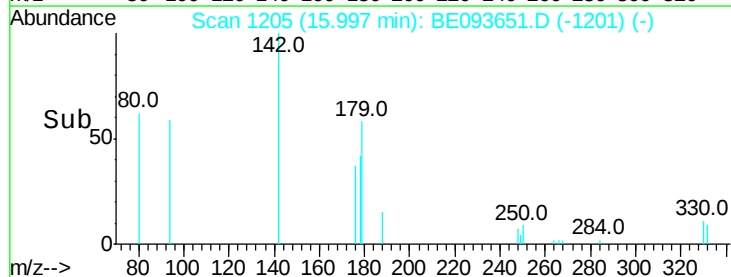
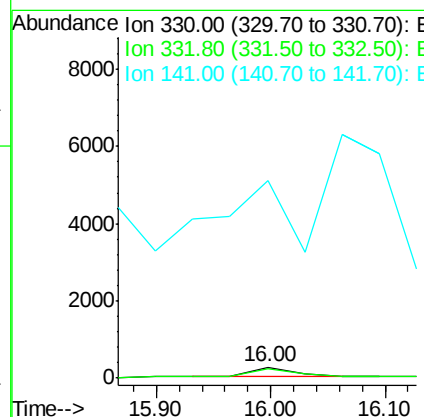
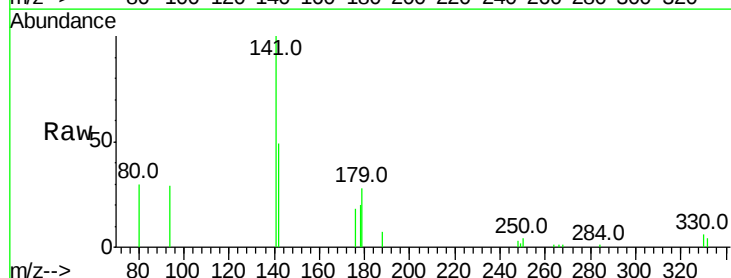
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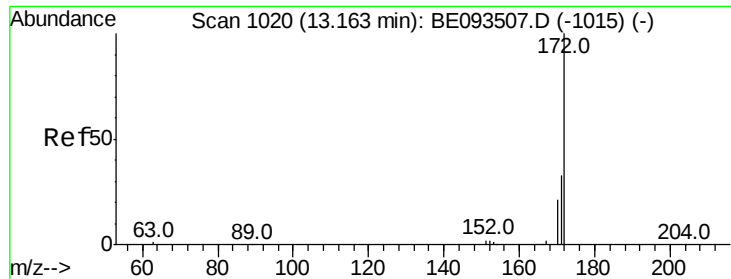
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#14
 2,4,6-Tribromophenol
 Concen: 0.281 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093651.D
 Acq: 3 Aug 2017 10:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	86.6	77.7	116.5
141	0.0	56.2	84.4#





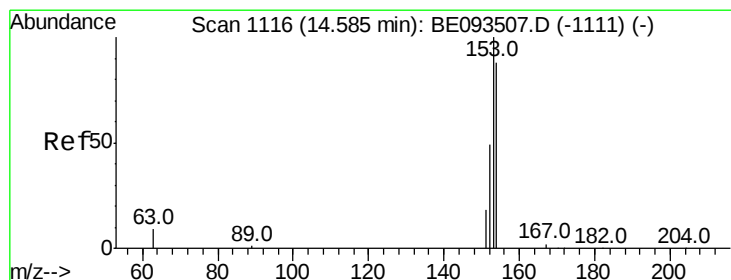
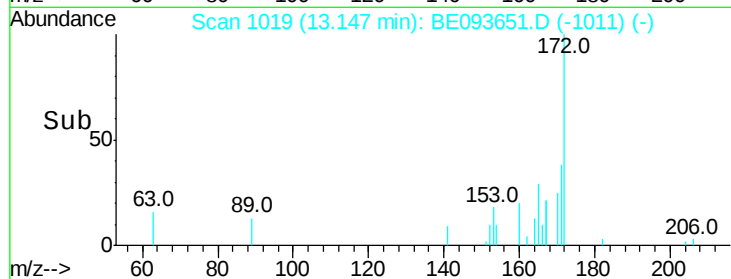
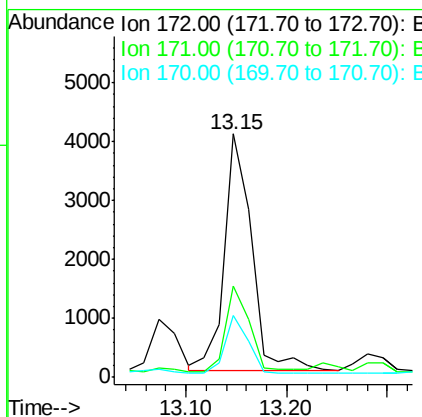
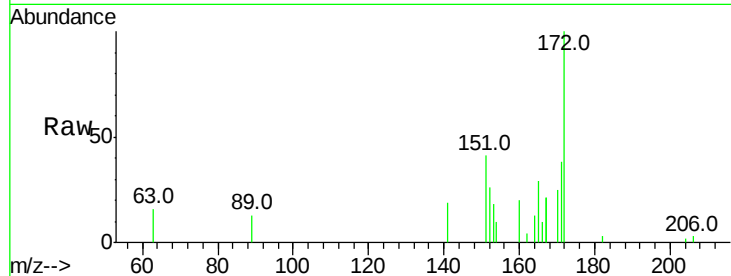
#15
2-Fluorobiphenyl
Concen: 0.165 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093651.D
Acq: 3 Aug 2017 10:26

Instrument :
BNA_E
ClientSampled :
CSSB-27-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	25.3	20.7	31.1

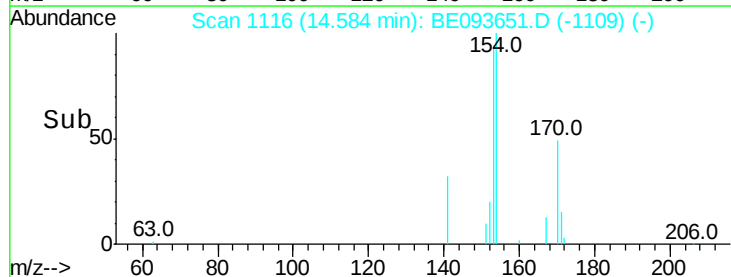
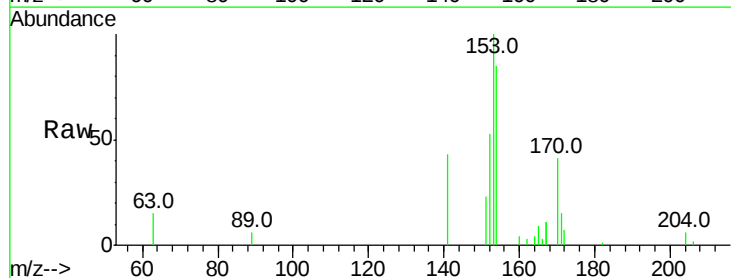
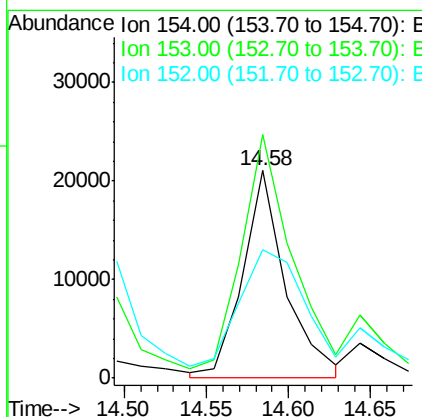
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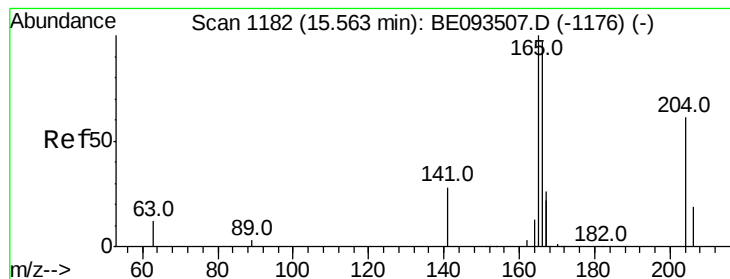
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#17
Acenaphthene
Concen: 1.006 ng m
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093651.D
Acq: 3 Aug 2017 10:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.2	136.8#
152	0.0	44.8	67.2#





#18

Fluorene

Concen: 1.584 ng/mL

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE093651.D

Acq: 3 Aug 2017 10:26

Instrument :

BNA_E

ClientSampled :

CSSB-27-1

Tot Ion:166 Resp: 80661

Ion Ratio Lower Upper

166 100

165 0.0 78.6 117.8#

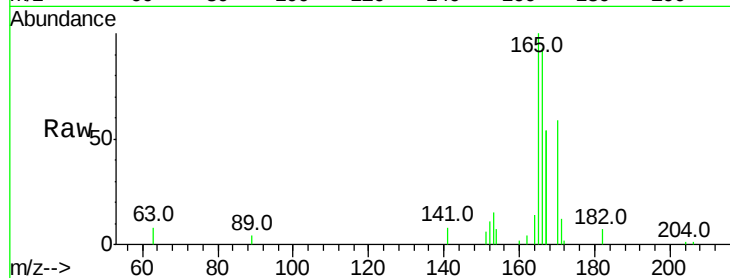
167 0.0 11.1 16.7#

Manual Integrations

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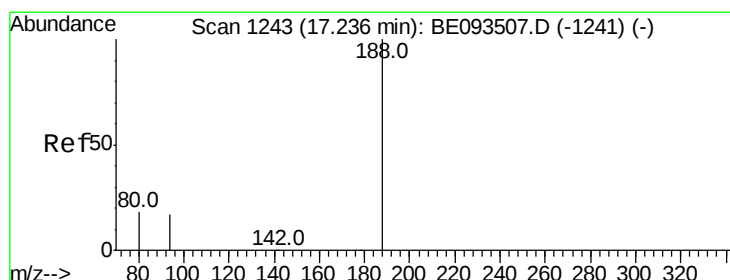
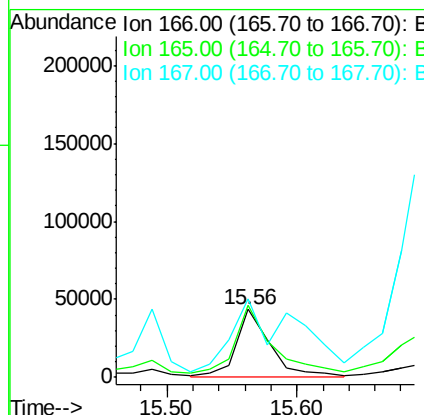
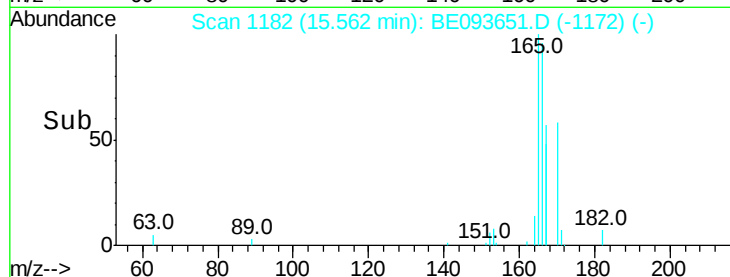
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093651.D

Acq: 3 Aug 2017 10:26

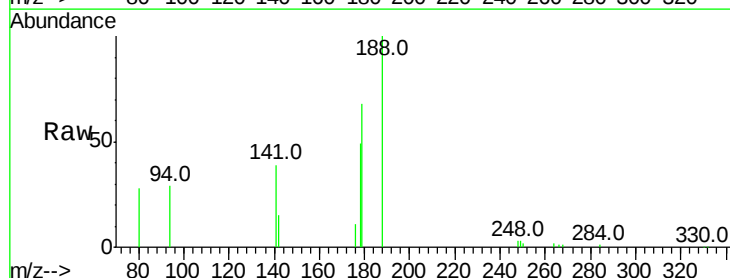
Tgt Ion:188 Resp: 19514

Ion Ratio Lower Upper

188 100

94 28.6 11.3 16.9#

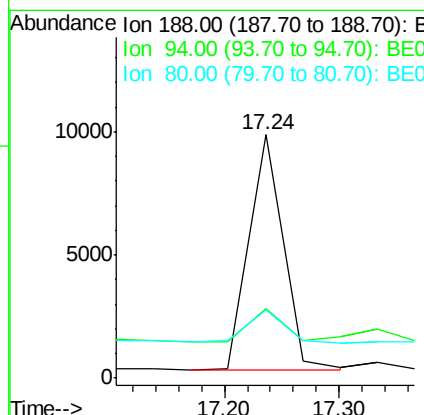
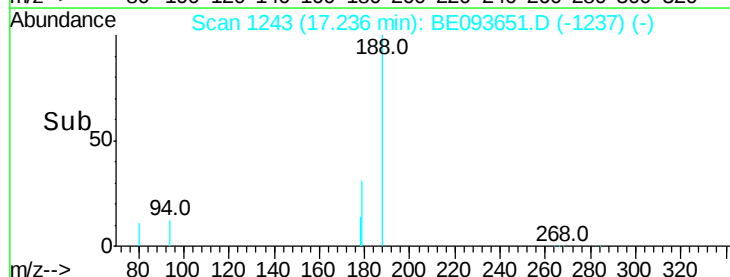
80 28.1 11.7 17.5#

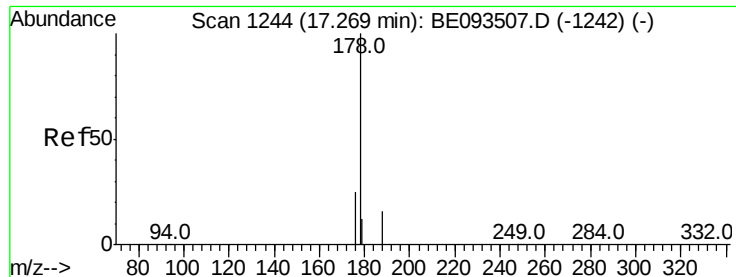


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





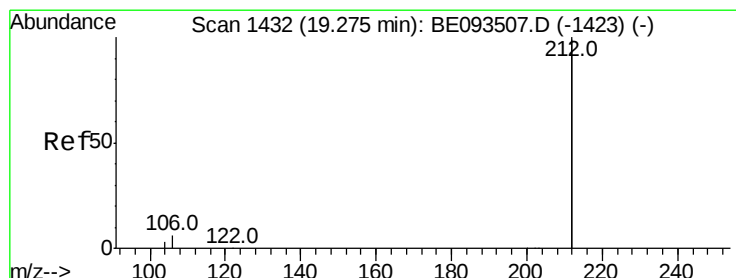
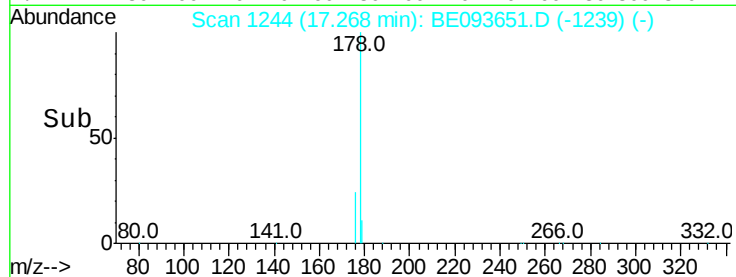
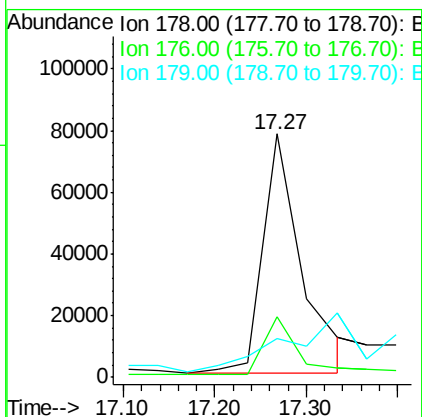
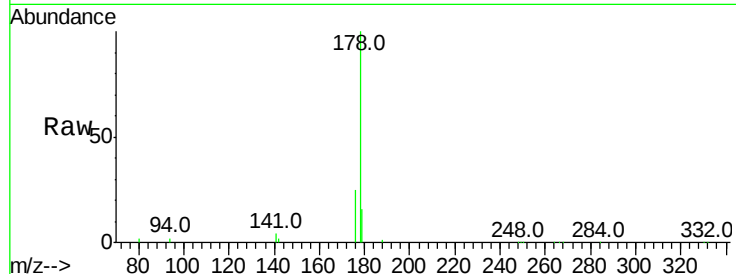
#23
Phenanthrene
Concen: 5.404 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093651.D
Acq: 3 Aug 2017 10:26

Instrument :
BNA_E
ClientSampled :
CSSB-27-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.0	22.4
179	0.0	12.7	19.1#

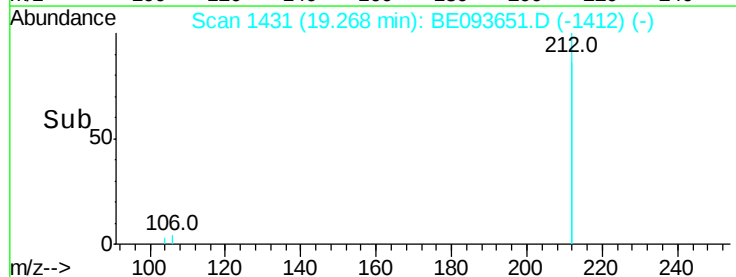
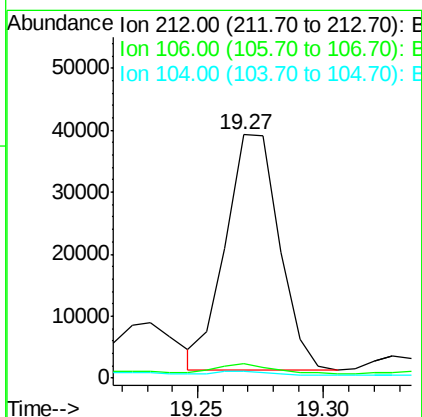
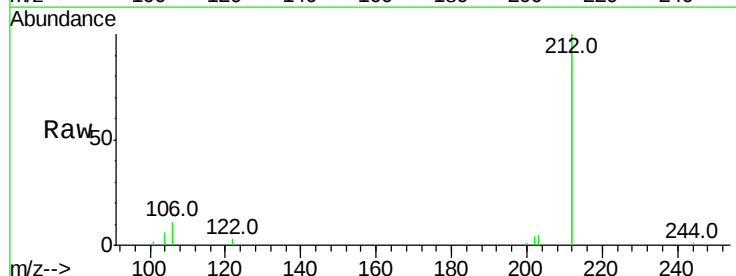
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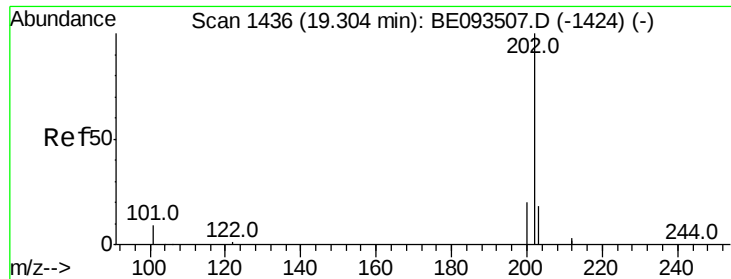
Sohil
8/4/2017 5:29:05 PM



#25
Fluoranthene-d10
Concen: 0.252 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE093651.D
Acq: 3 Aug 2017 10:26

Tgt Ion	Ratio	Lower	Upper
212	100		
106	4.0	2.4	3.6#
104	2.0	1.6	2.4





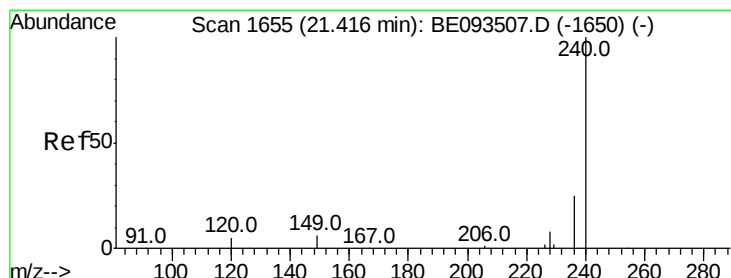
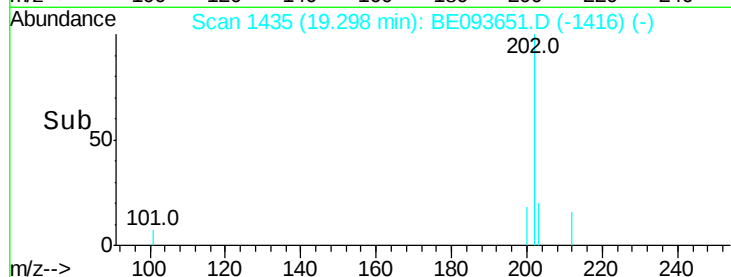
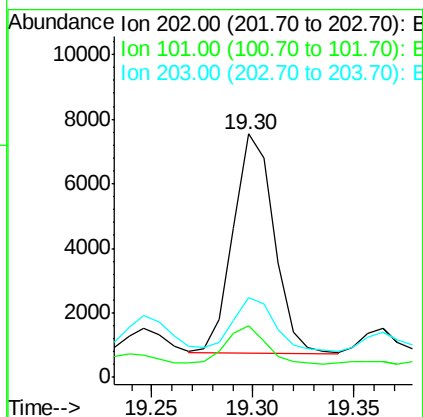
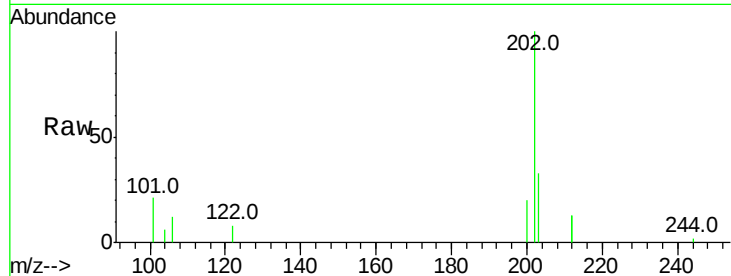
#26
 Fluoranthene
 Concen: 0.140 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BE093651.D
 Acq: 3 Aug 2017 10:26

Instrument :
 BNA_E
 ClientSampleID :
 CSSB-27-1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	9537		
101	17.0		9.6	14.4#
203	24.3		14.4	21.6#

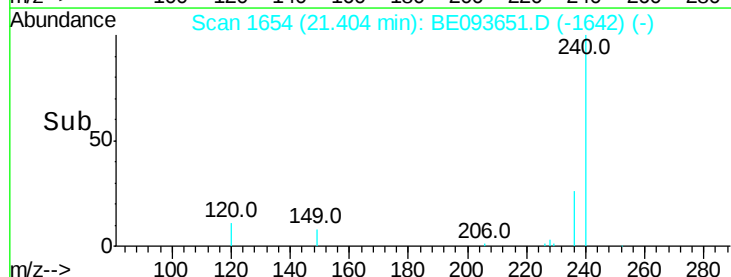
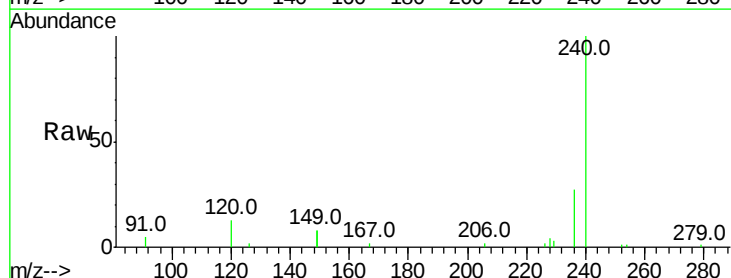
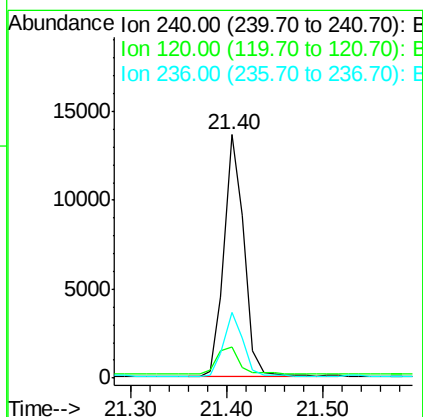
Manual Integrations
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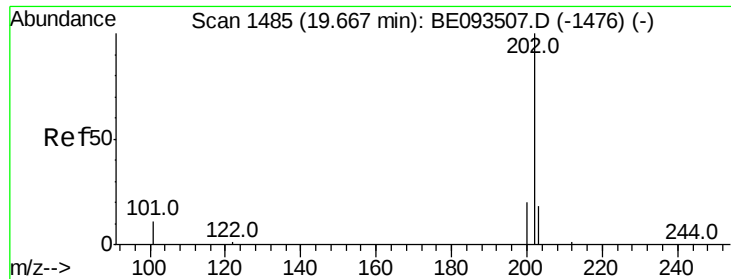
Sohil
 8/4/2017 5:29:05 PM



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093651.D
 Acq: 3 Aug 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	19661		
120	12.8		4.6	7.0#
236	26.7		20.8	31.2





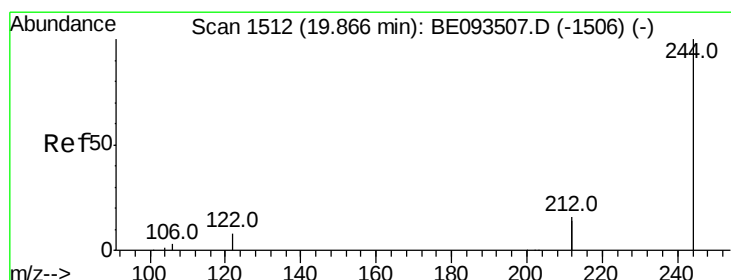
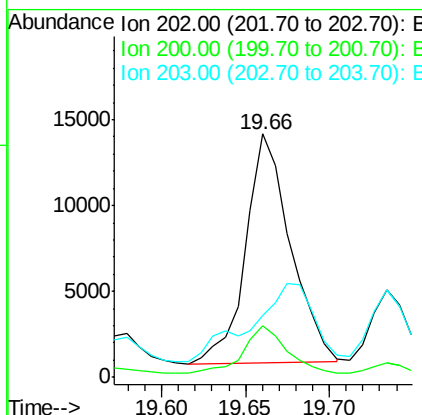
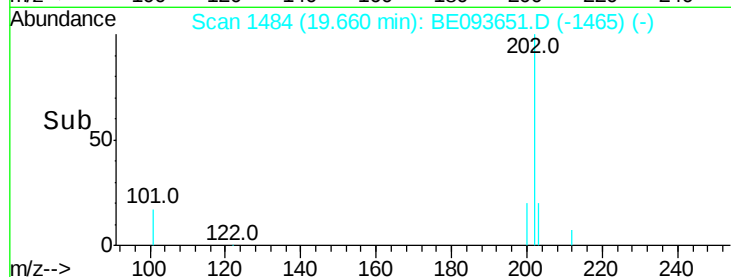
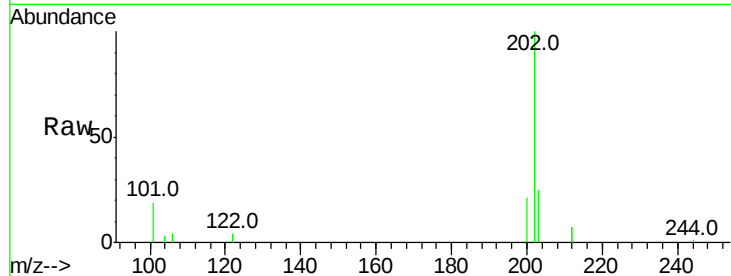
#28
Pvrene
Concen: 0.391 ng/ml
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093651.D
Acq: 3 Aug 2017 10:26

Instrument :
BNA_E
ClientSampleId :
CSSB-27-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	0.0	0.0	0.0
203	0.0	13.7	20.5#

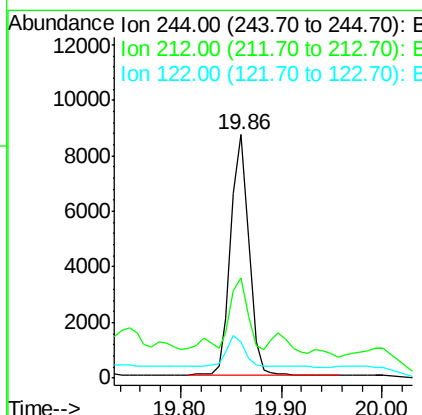
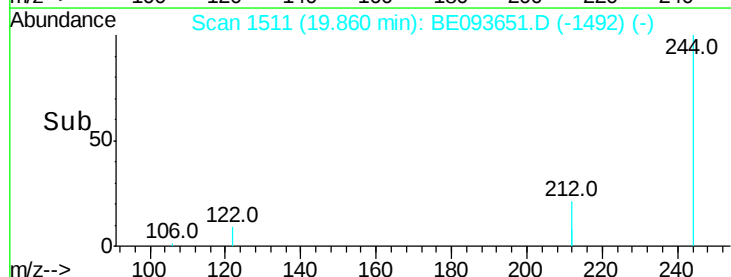
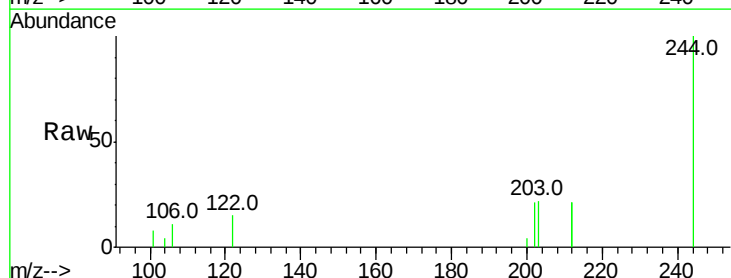
Manual Integrations
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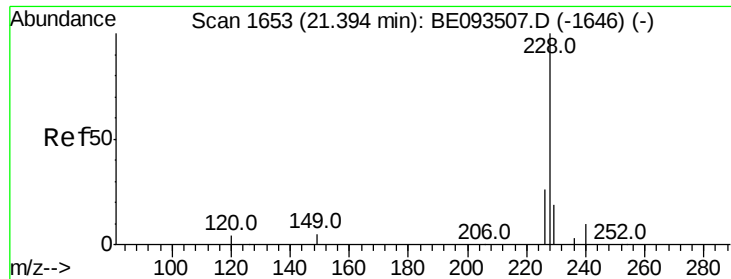
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#29
Terphenyl-d14
Concen: 0.303 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093651.D
Acq: 3 Aug 2017 10:26

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	41.4	10.6	16.0#
122	14.7	15.4	23.0#





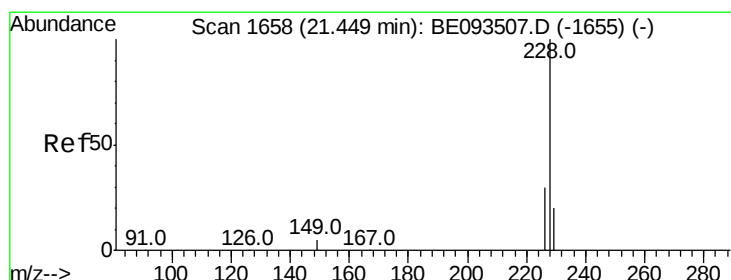
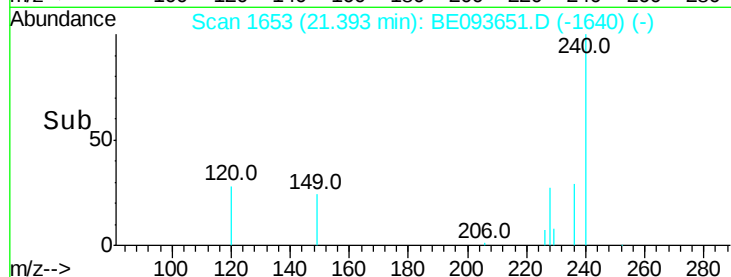
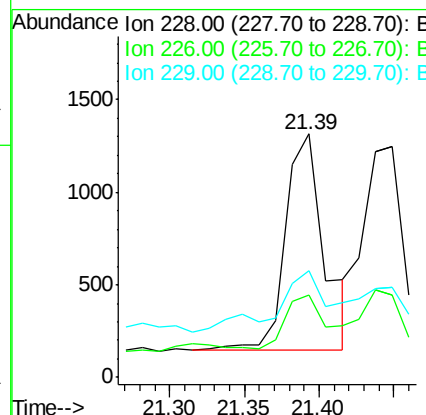
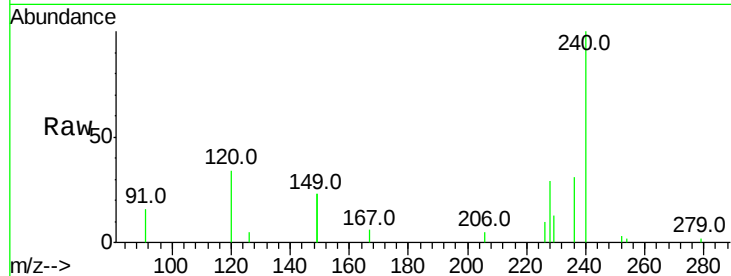
#30
Benzo(a)anthracene
Concen: 0.036 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE093651.D
Acq: 3 Aug 2017 10:26

Instrument :
BNA_E
ClientSampleId :
CSSB-27-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	19.7	29.5#
229	43.8	19.2	28.8#

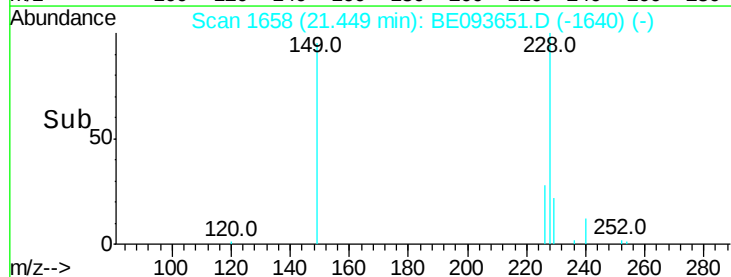
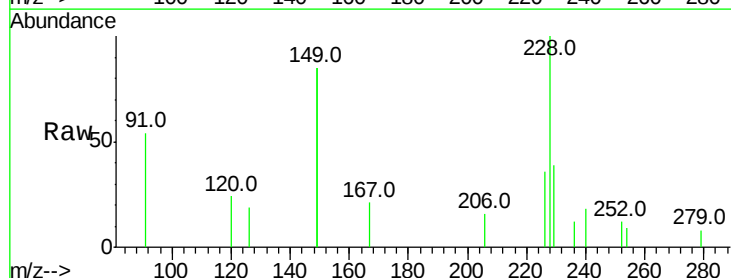
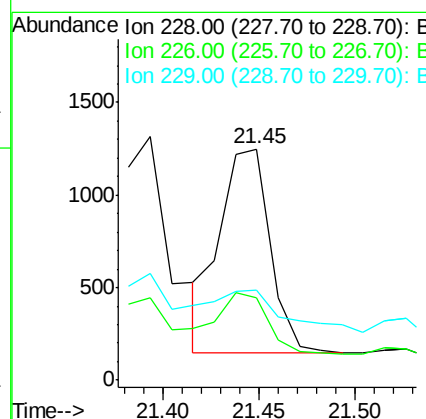
Manual Integrations
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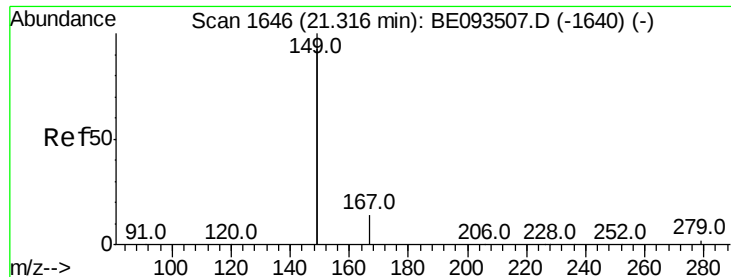
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#31
Chrysene
Concen: 0.031 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093651.D
Acq: 3 Aug 2017 10:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.7	21.5	32.3#
229	39.3	18.6	28.0#





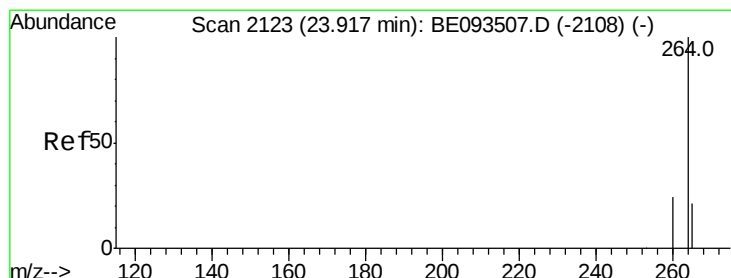
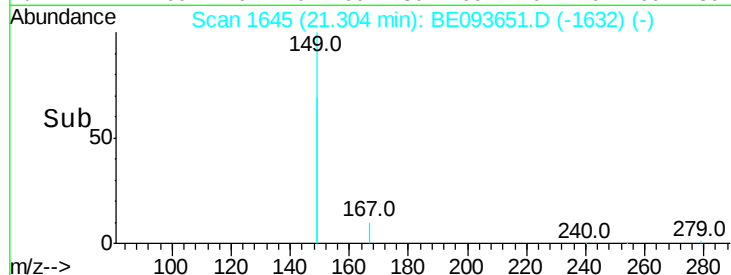
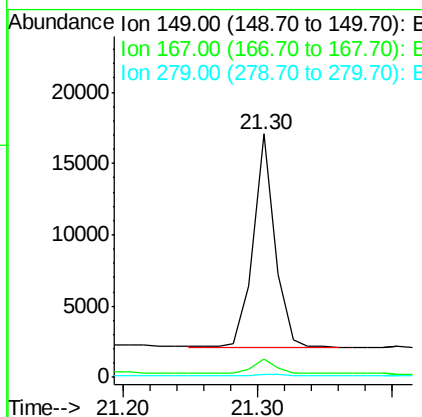
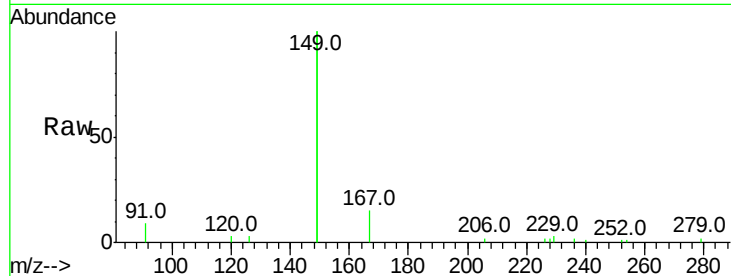
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.218 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093651.D
 Acq: 3 Aug 2017 10:26

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-27-1

Tot Ion:	149	Resp:	17168
Ion Ratio	Lower	Upper	
149	100		
167	6.7	4.8	7.2
279	1.0	0.8	1.2

Manual Integrations
 APPROVED

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 8/4/2017 5:29:05 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BE093651.D
 Acq: 3 Aug 2017 10:26

Tgt Ion:	264	Resp:	17396
Ion Ratio	Lower	Upper	
264	100		
260	24.4	21.0	31.4
265	25.7	24.6	36.8

