

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
 Data File : BE093659.D
 Acq On : 3 Aug 2017 16:24
 Operator : SJ/JU
 Sample : I4425-01DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-27-1DL

Manual Integrations
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Quant Time: Aug 04 13:32:57 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	7.93	152	2743	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	13753	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	9375	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	22006	0.40	ng	0.00
27) Chrysene-d12	21.40	240	21968	0.40	ng	-0.01
34) Perylene-d12	23.91	264	19782	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	652	0.08	ng	0.00
5) Phenol-d6	7.10	99	882	0.07	ng	0.00
8) Nitrobenzene-d5	9.06	82	1661	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	1245	0.06	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	117	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1635	0.04	ng	-0.02
25) Fluoranthene-d10	19.27	212	11535	0.05	ng	0.00
29) Terphenyl-d14	19.86	244	2232	0.06	ng	0.00
Target Compounds						
9) Naphthalene	10.76	128	28623m	0.180	ng	Qvalue
12) 2-Methylnaphthalene	12.36	142	4973	0.189	ng	# 93
17) Acenaphthene	14.58	154	8271m	0.262	ng	
18) Fluorene	15.56	166	17616m	0.417	ng	
23) Phenanthrene	17.27	178	49331	1.019	ng	# 81
26) Fluoranthene	19.30	202	1990	0.026	ng	# 85
28) Pyrene	19.67	202	5232	0.074	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.30	149	4571	0.052	ng	# 96

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

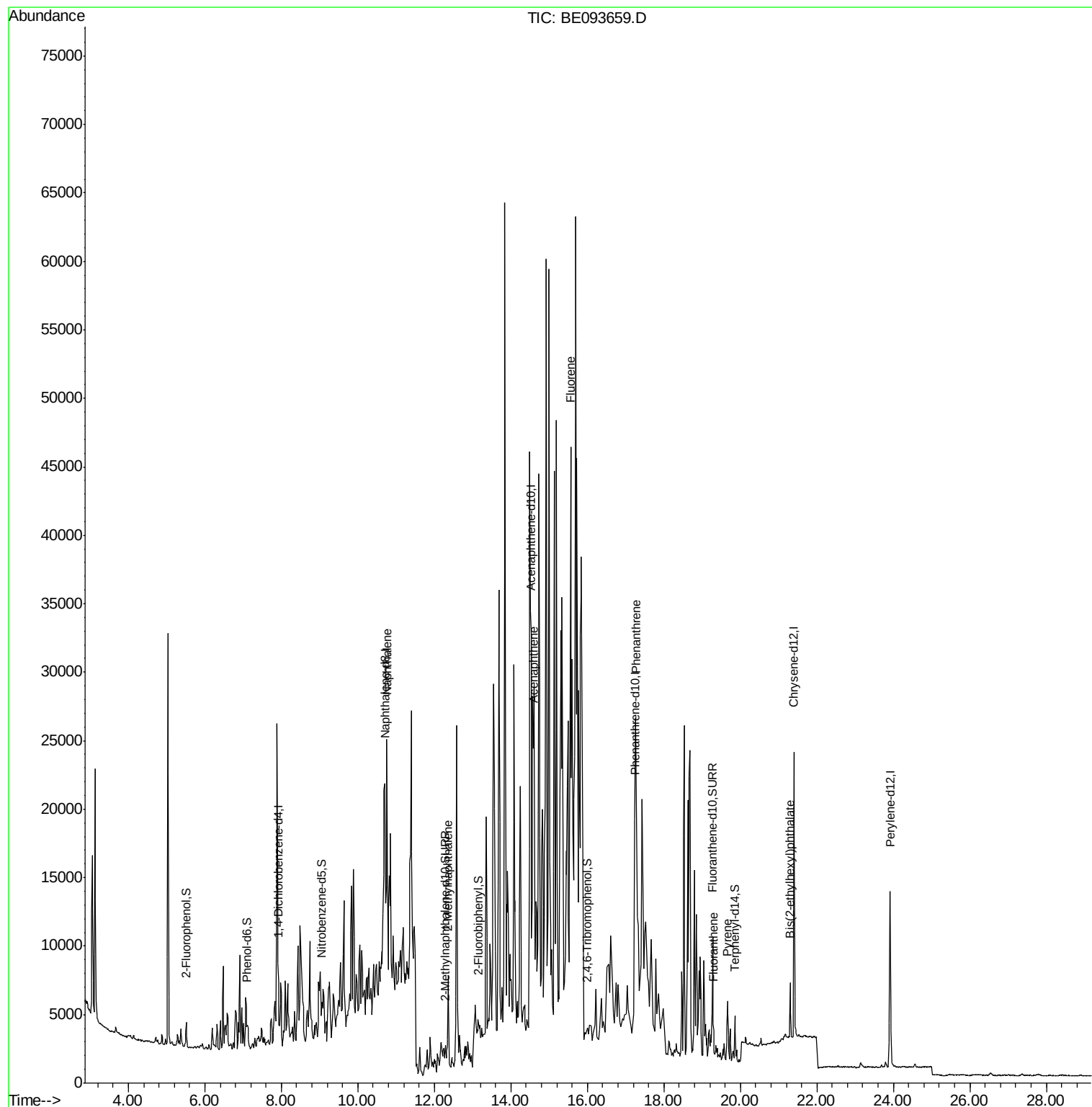
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
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ALS Vial : 12 Sample Multiplier: 1

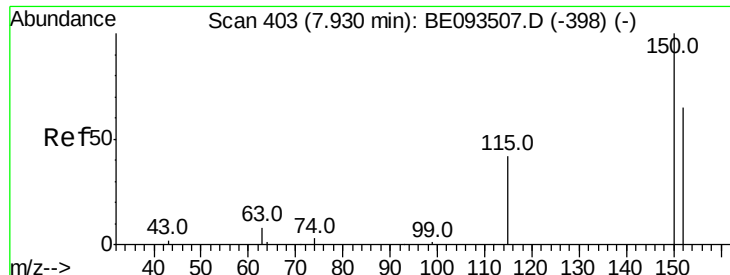
Instrument :
BNA_E
ClientSampleId :
CSSB-27-1DL

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.93 min Scan# 403

Delta R.T. -0.00 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

Instrument :

BNA_E

ClientSampleId :

CSSB-27-1DL

Tot Ion:152 Resp: 2743

Ion Ratio Lower Upper

152 100

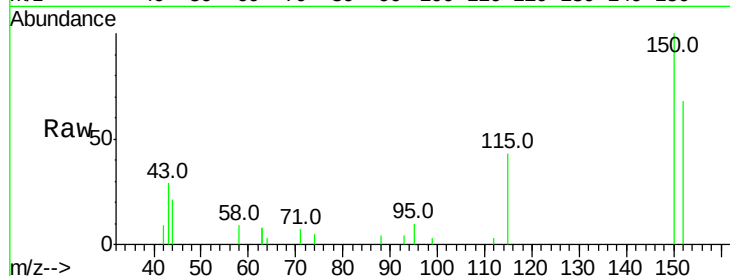
150 147.0 125.1 187.7

115 63.5 55.7 83.5

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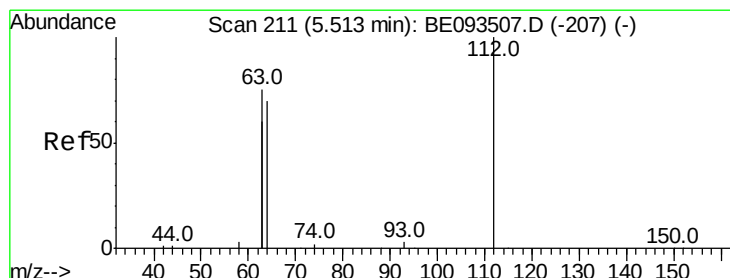
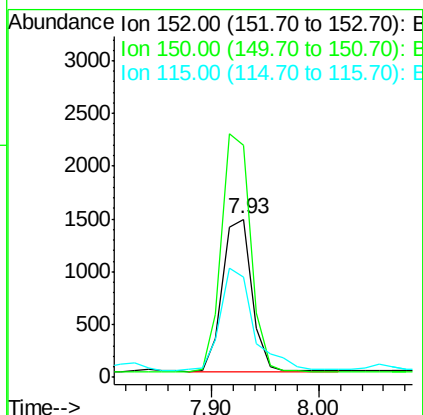
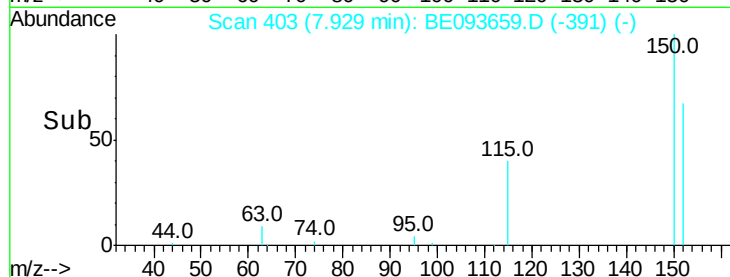
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.080 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

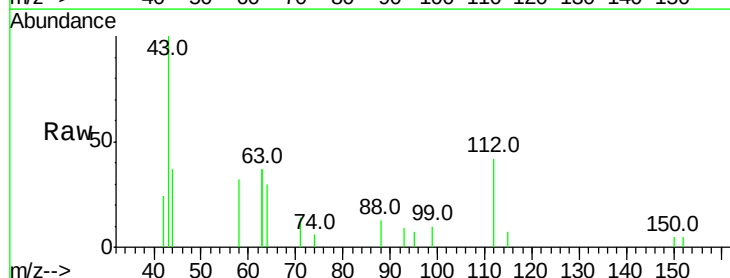
Tgt Ion:112 Resp: 652

Ion Ratio Lower Upper

112 100

64 71.5 56.4 84.6

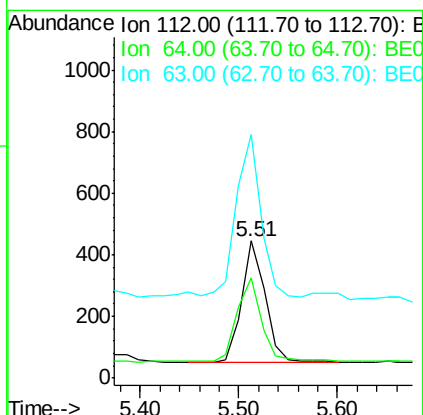
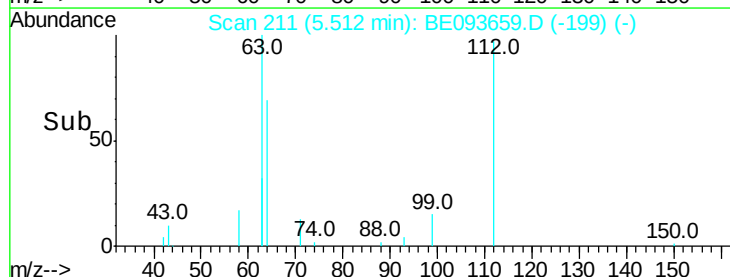
63 144.6 29.3 43.9#

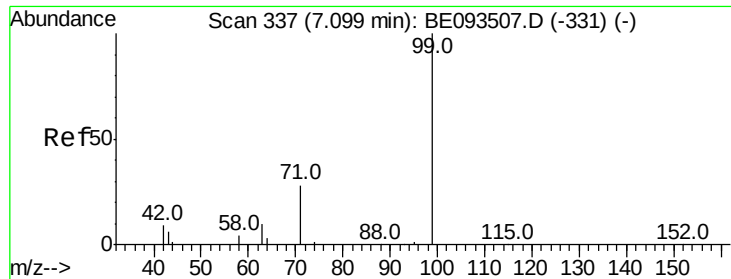


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.072 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

Instrument :

BNA_E

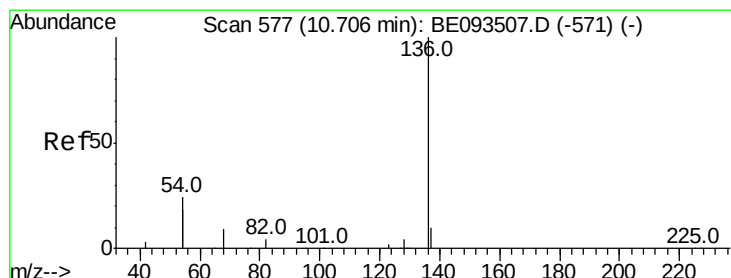
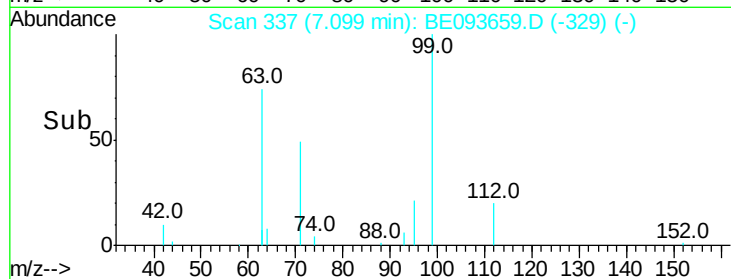
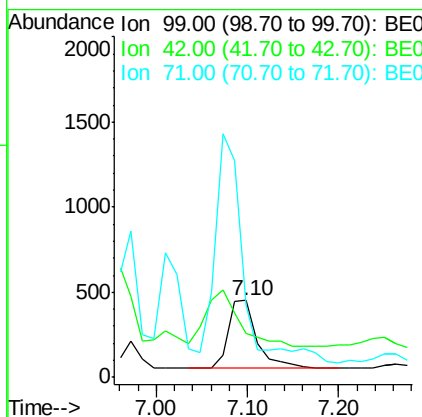
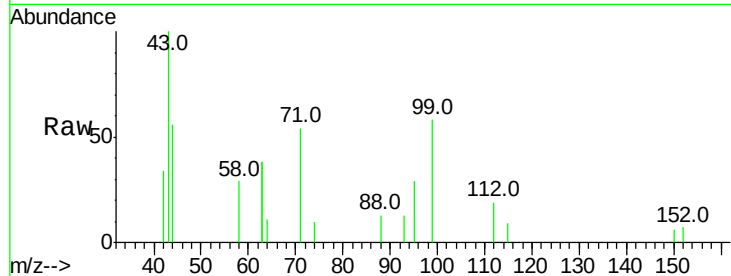
ClientSampleId :

CSSB-27-1DL

Tot Ion:	99	Resp:	882
Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

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#7

Naphthalene-d8

Concen: 0.400 ng

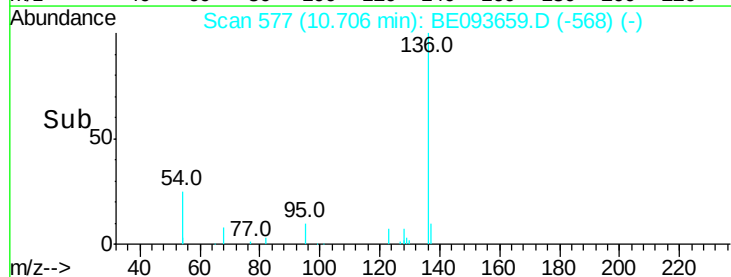
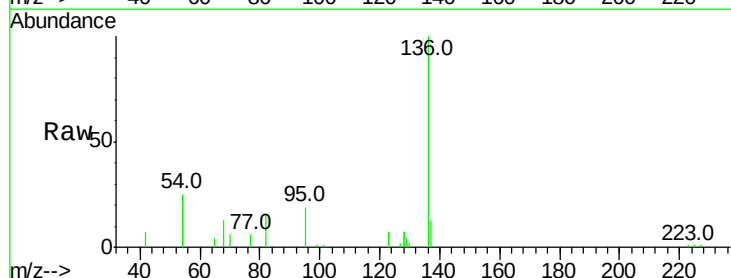
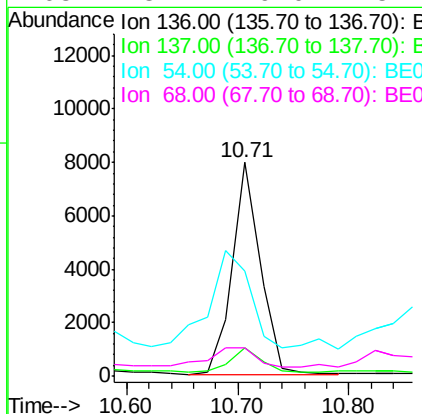
RT: 10.71 min Scan# 577

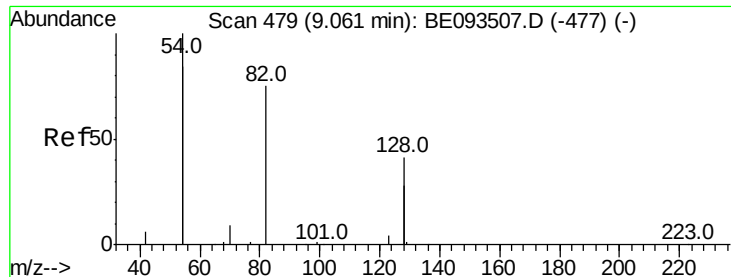
Delta R.T. -0.00 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

Tgt Ion:	136	Resp:	13753
Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.8	14.8
54	49.3	10.3	15.5#
68	13.1	9.0	13.4





#8

Nitrobenzene-d5

Concen: 0.158 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

Instrument :

BNA_E

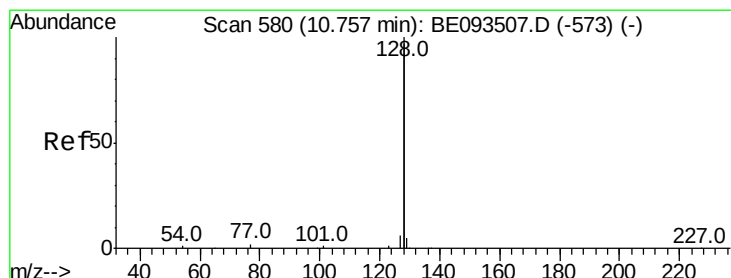
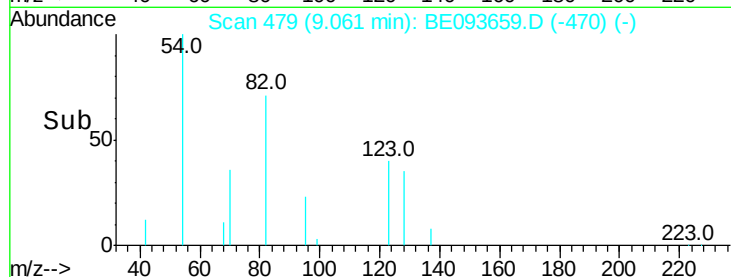
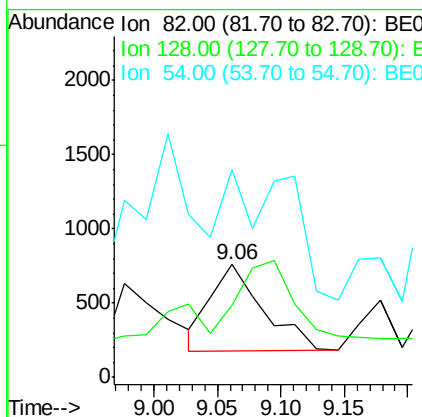
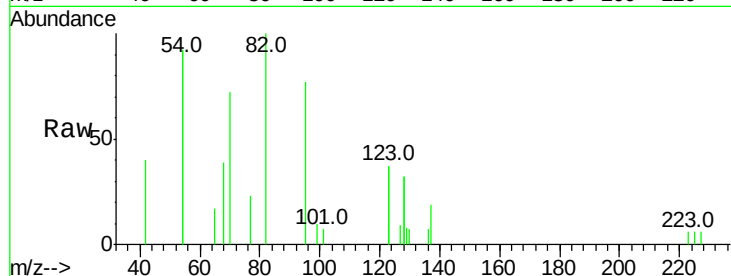
ClientSampleID :

CSSB-27-1DL

Tot Ion:	82	Resp:	1661
Ion	Ratio	Lower	Upper
82	100		
128	64.4	17.0	25.4#
54	184.7	53.8	80.6#

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#9

Naphthalene

Concen: 0.180 ng m

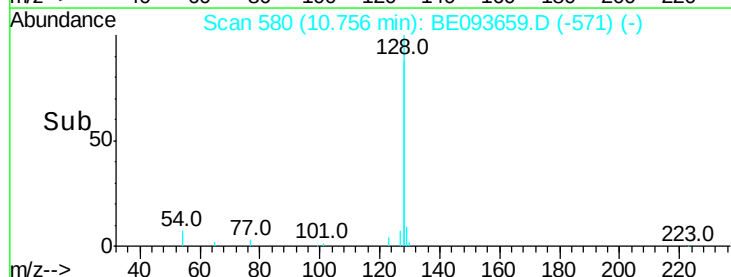
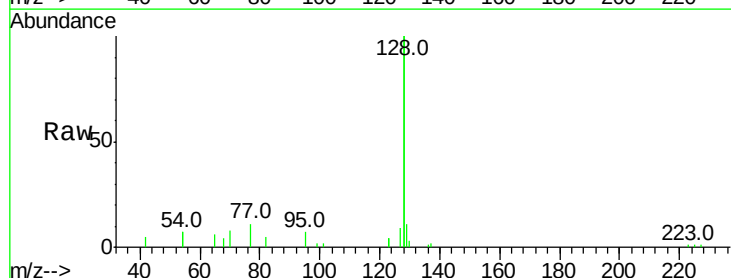
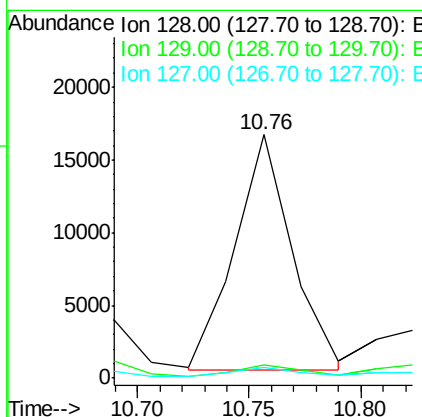
RT: 10.76 min Scan# 580

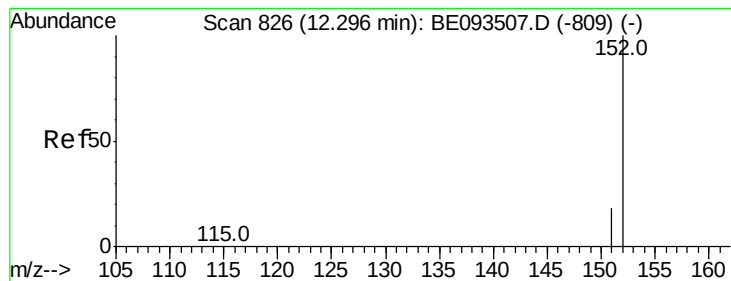
Delta R.T. -0.00 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

Tgt Ion:	128	Resp:	28623
Ion	Ratio	Lower	Upper
128	100		
129	11.0	2.4	3.6#
127	9.0	2.4	3.6#





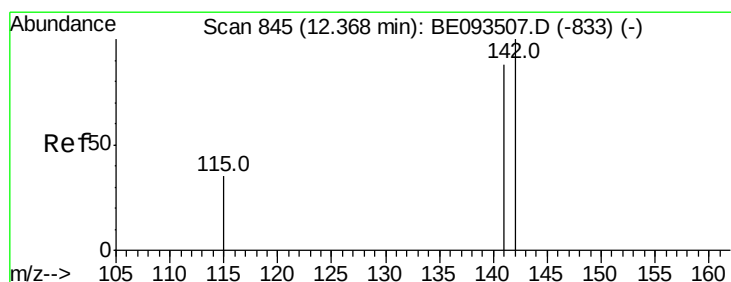
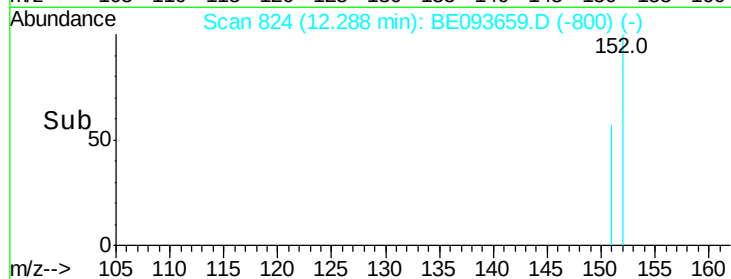
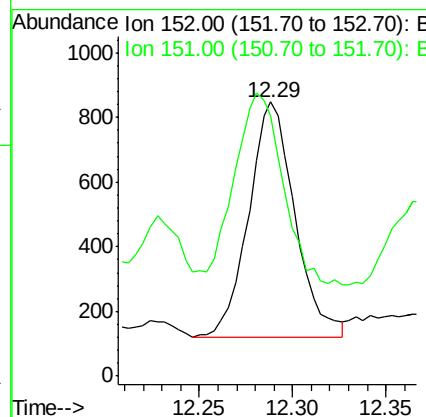
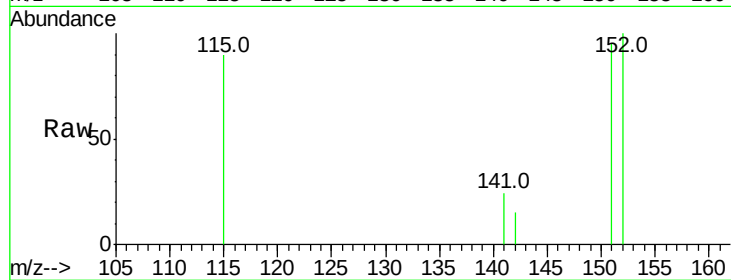
#11
2-Methylnaphthalene-d10
Concen: 0.057 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :
CSSB-27-1DL

Tot Ion:152 Resp: 1245
Ion Ratio Lower Upper
152 100
151 85.0 15.1 22.7#

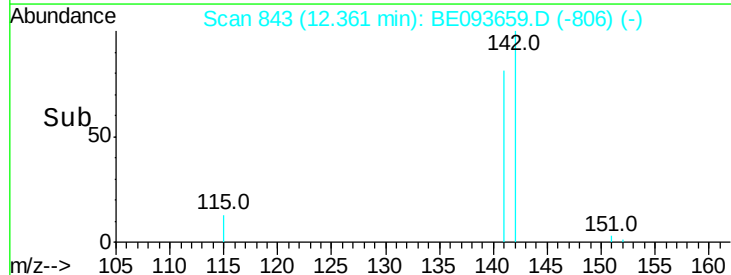
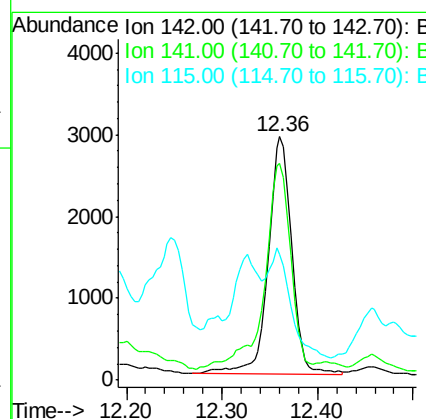
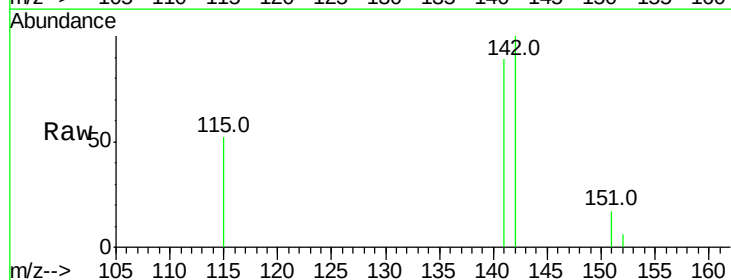
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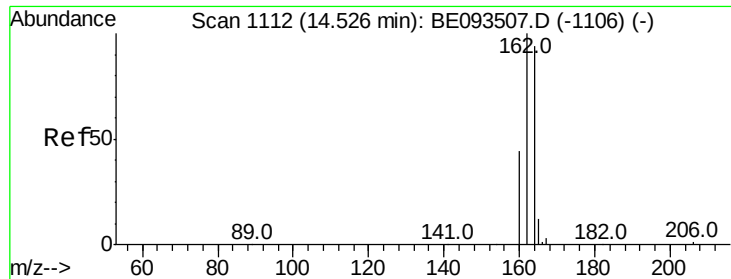
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#12
2-Methylnaphthalene
Concen: 0.189 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion:142 Resp: 4973
Ion Ratio Lower Upper
142 100
141 88.8 72.6 108.8
115 51.7 32.2 48.2#





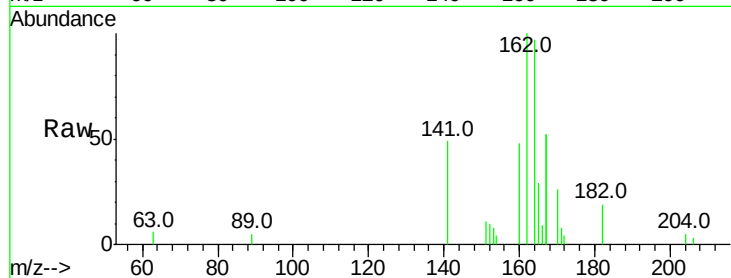
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093659.D
 Acq: 3 Aug 2017 16:24

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-27-1DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	84.6	127.0
160	49.1	41.8	62.6

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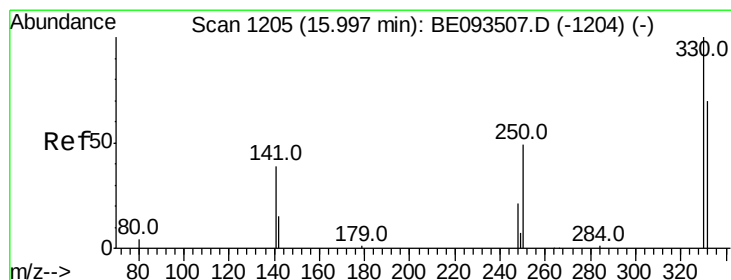
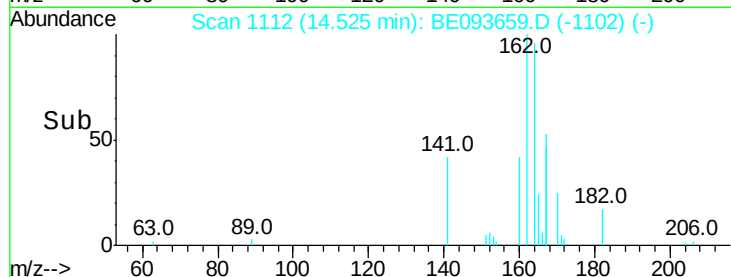
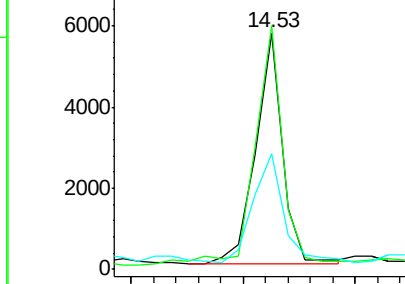


Abundance

Ion 164.00 (163.70 to 164.70): E

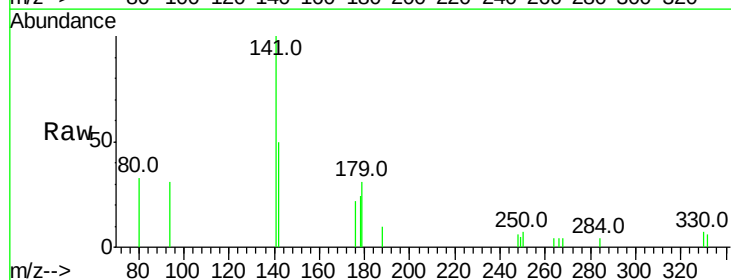
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
 2,4,6-Tribromophenol
 Concen: 0.150 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093659.D
 Acq: 3 Aug 2017 16:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.7	116.5
141	0.0	56.2	84.4#

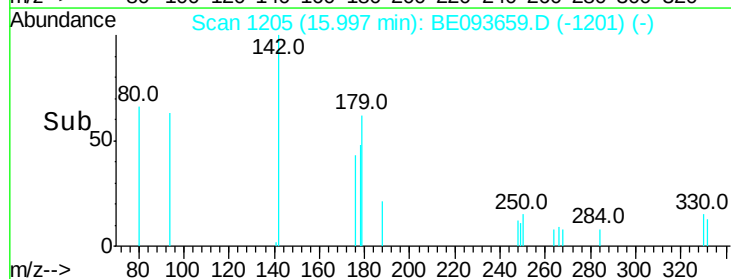
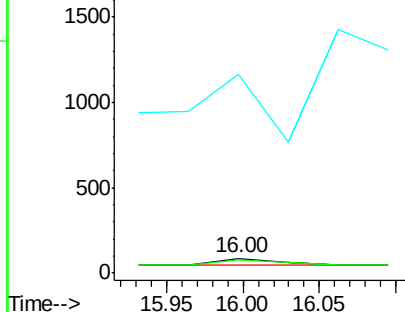


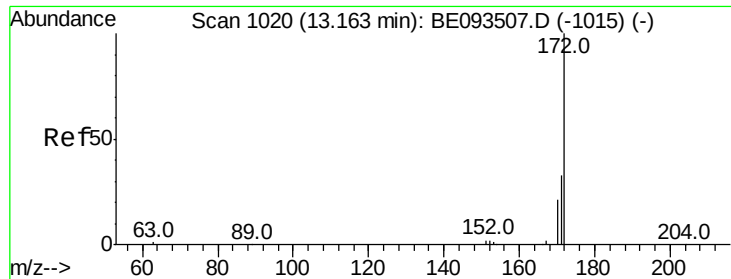
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





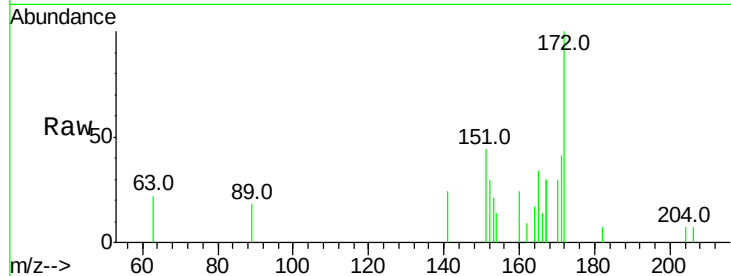
#15
2-Fluorobiphenyl
Concen: 0.044 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :
CSSB-27-1DL

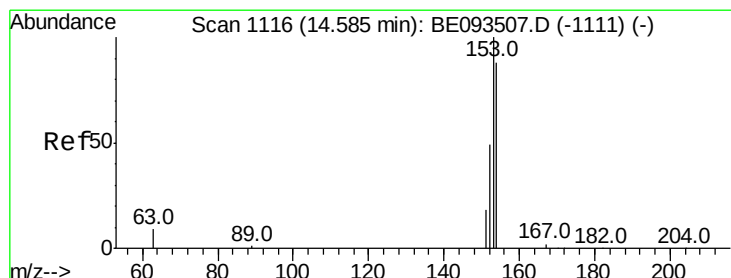
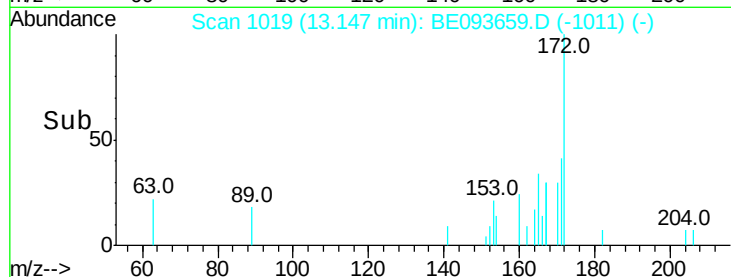
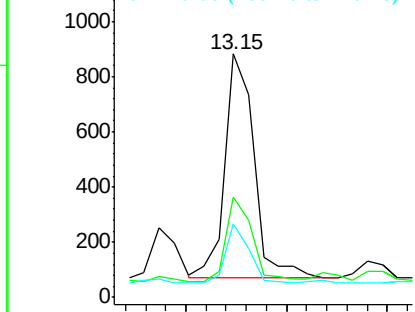
Tot Ion	Ratio	Lower	Upper
172	100		
171	41.3	29.8	44.6
170	30.1	20.7	31.1

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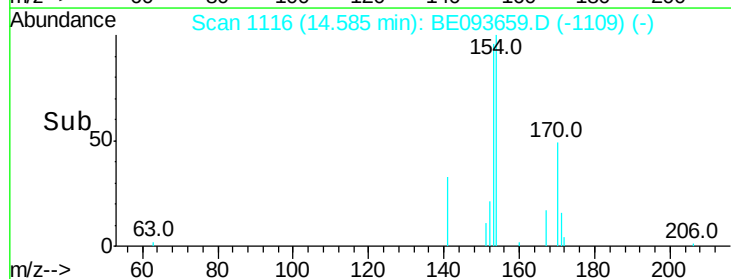
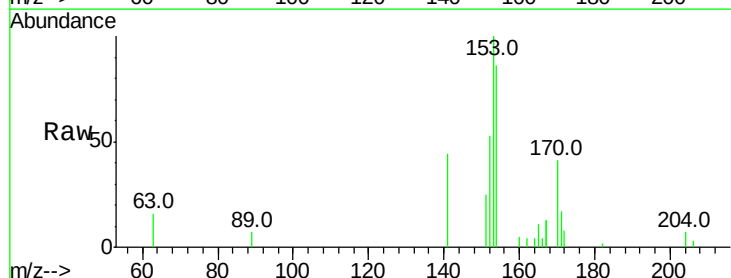
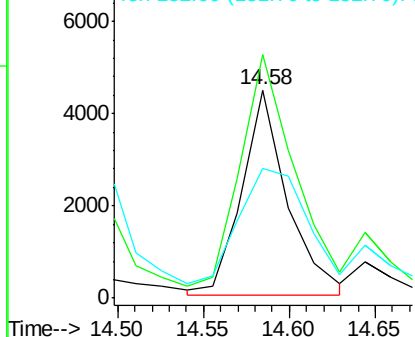
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

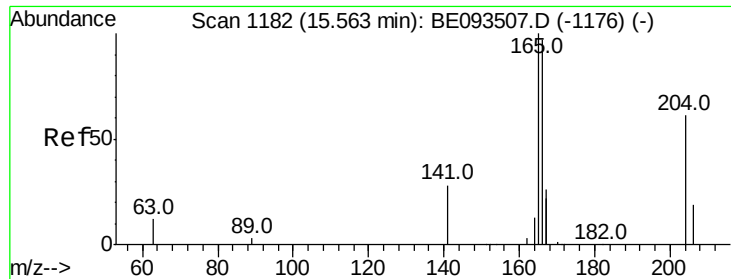


#17
Acenaphthene
Concen: 0.262 ng m
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

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

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: 0.417 ng/mL

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

Instrument :

BNA_E

ClientSampleID :

CSSB-27-1DL

Tot Ion:166 Resp: 17616

Ion Ratio Lower Upper

166 100

165 0.0 78.6 117.8#

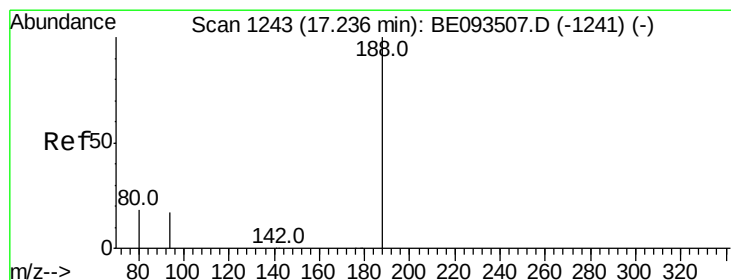
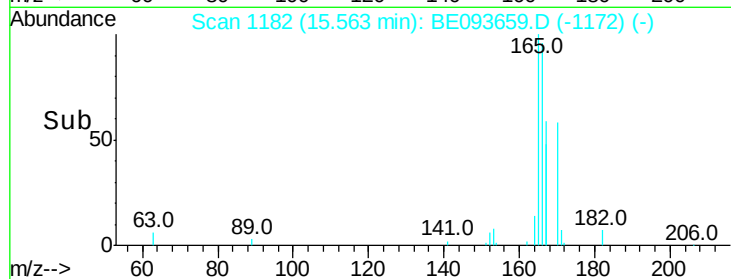
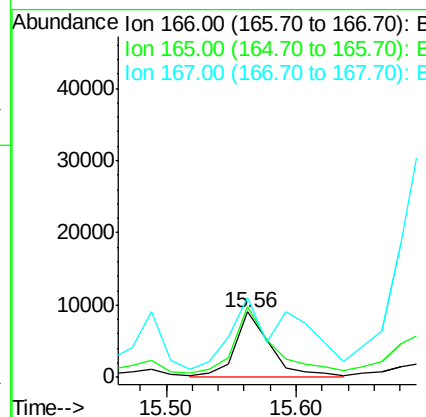
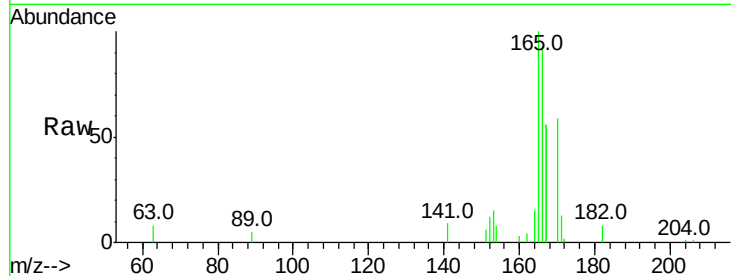
167 0.0 11.1 16.7#

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#19

Phenanthrene-d10

Concen: 0.400 ng/mL

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

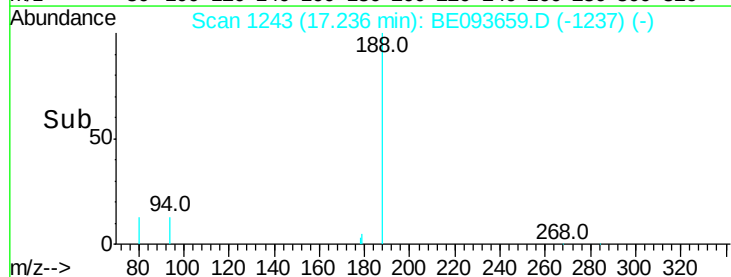
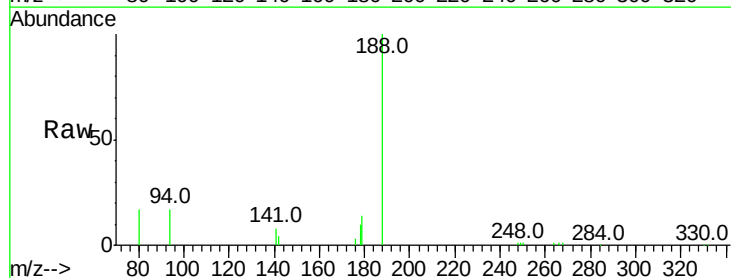
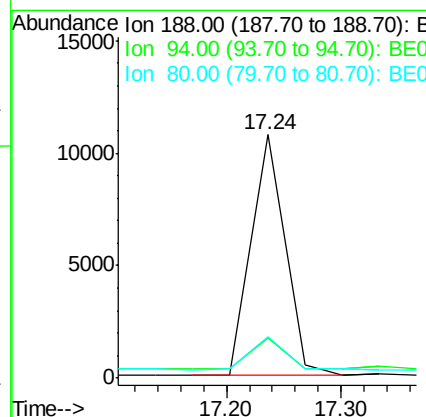
Tgt Ion:188 Resp: 22006

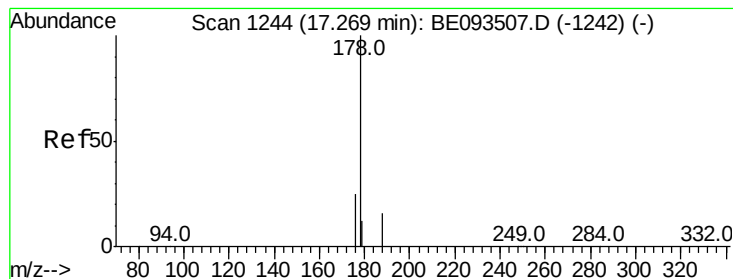
Ion Ratio Lower Upper

188 100

94 16.6 11.3 16.9

80 17.0 11.7 17.5





#23

Phenanthrene

Concen: 1.019 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

Instrument :

BNA_E

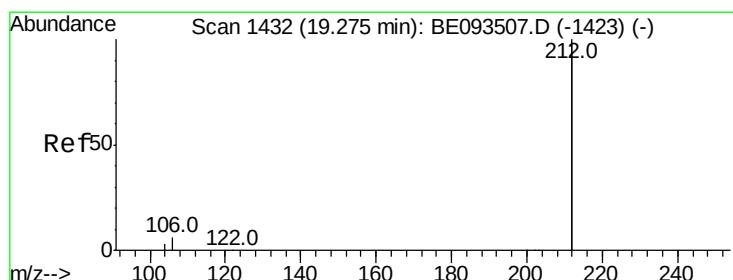
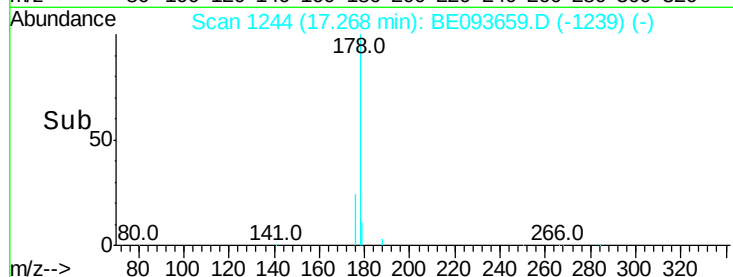
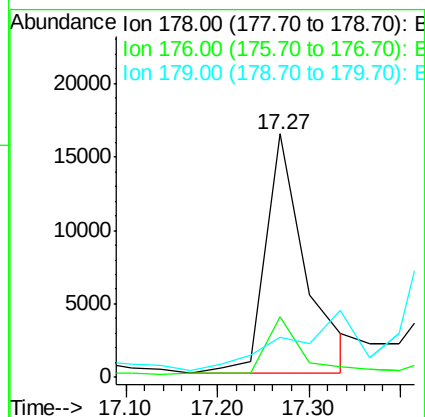
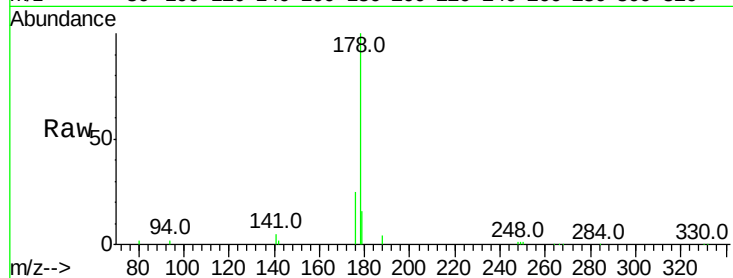
ClientSampled :

CSSB-27-1DL

Tot Ion:	178	Resp:	49331
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.0	22.4
179	0.0	12.7	19.1#

Manual Integrations
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#25

Fluoranthene-d10

Concen: 0.046 ng

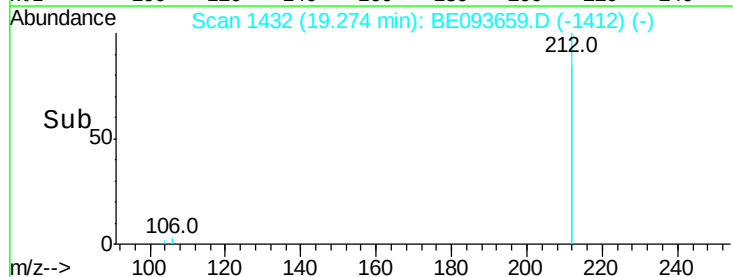
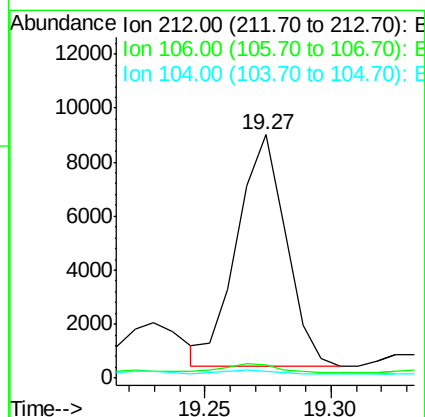
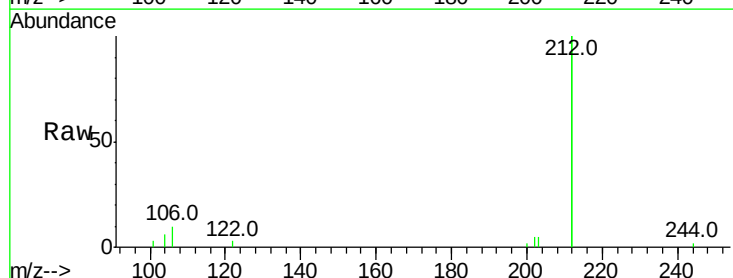
RT: 19.27 min Scan# 1432

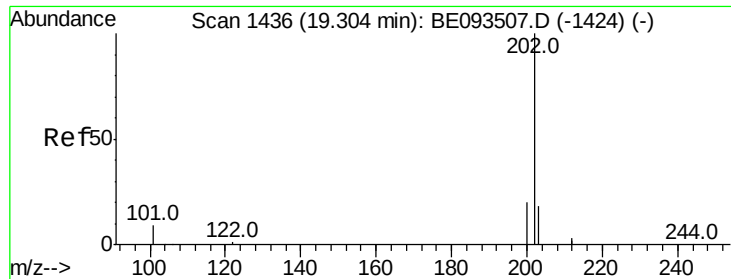
Delta R.T. -0.00 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

Tgt Ion:	212	Resp:	11535
Ion Ratio	Lower	Upper	
212	100		
106	4.0	2.4	3.6#
104	2.2	1.6	2.4





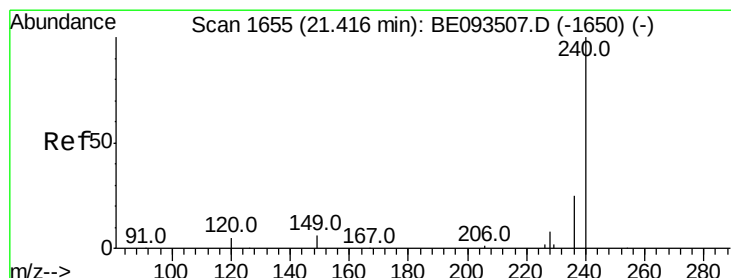
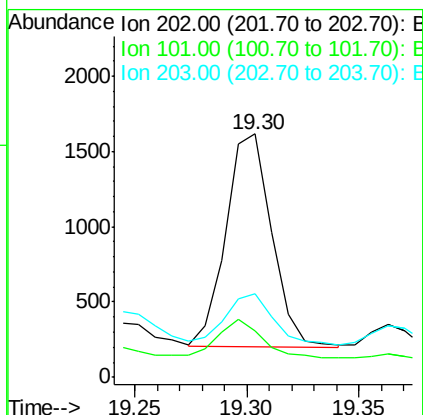
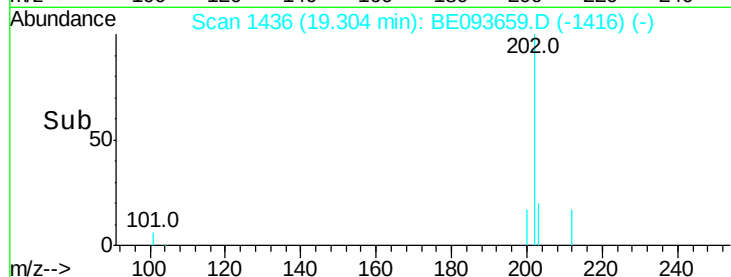
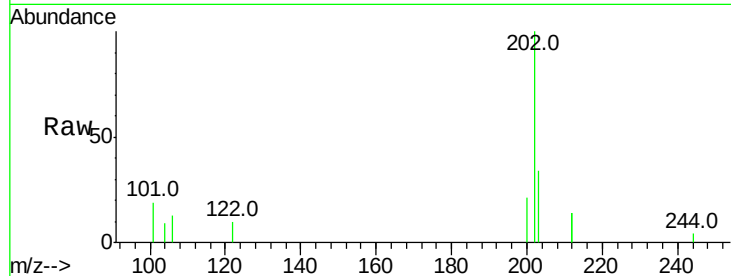
#26
 Fluoranthene
 Concen: 0.026 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BE093659.D
 Acq: 3 Aug 2017 16:24

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-27-1DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1990		
101	16.8		9.6	14.4#
203	25.5		14.4	21.6#

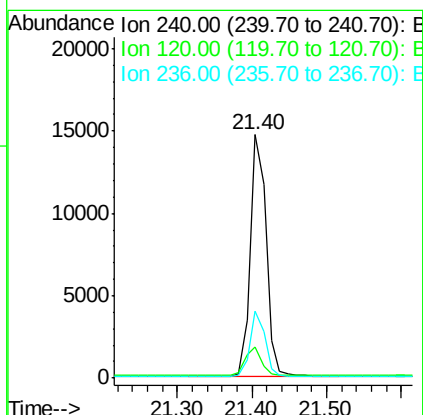
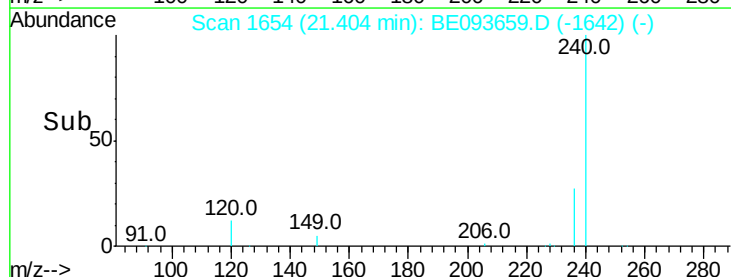
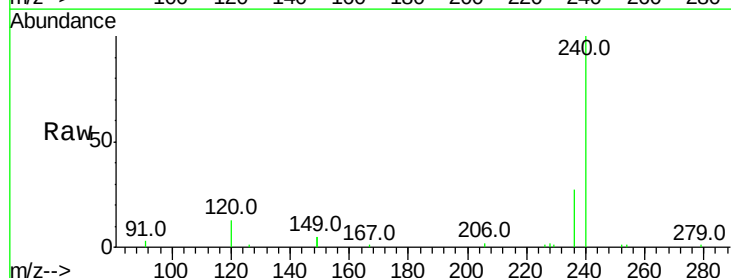
Manual Integrations
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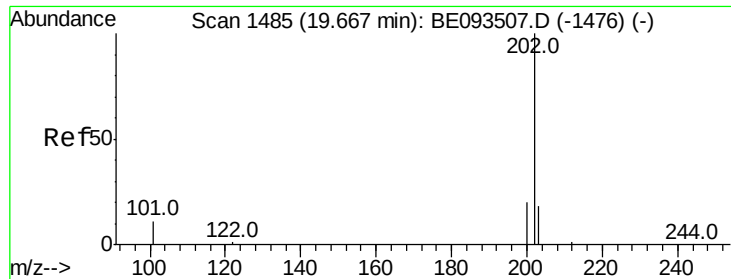
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093659.D
 Acq: 3 Aug 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	21968		
120	13.0		4.6	7.0#
236	27.3		20.8	31.2





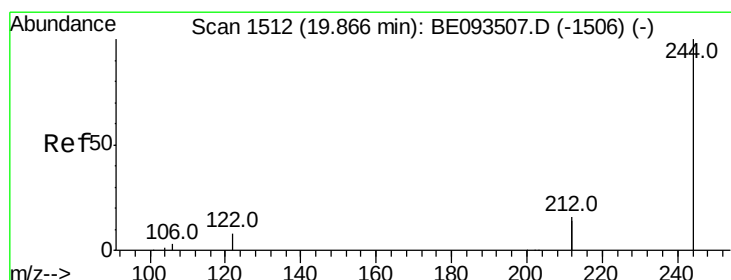
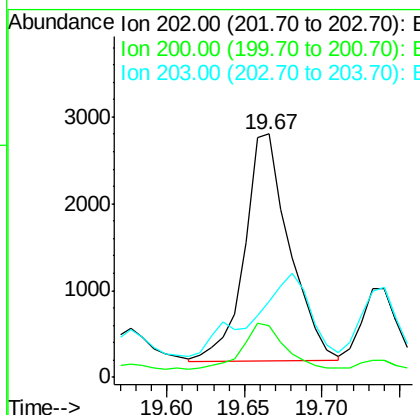
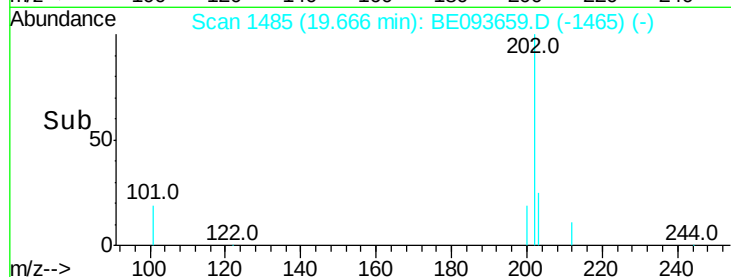
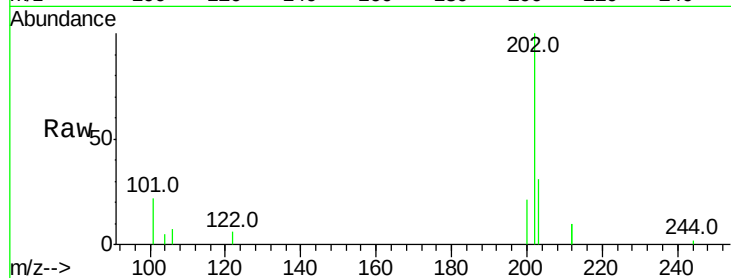
#28
Pvrene
Concen: 0.074 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Instrument :
BNA_E
ClientSampleId :
CSSB-27-1DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.3	0.0	0.0#
203	0.0	13.7	20.5#

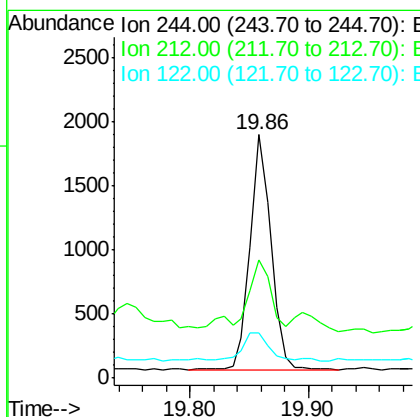
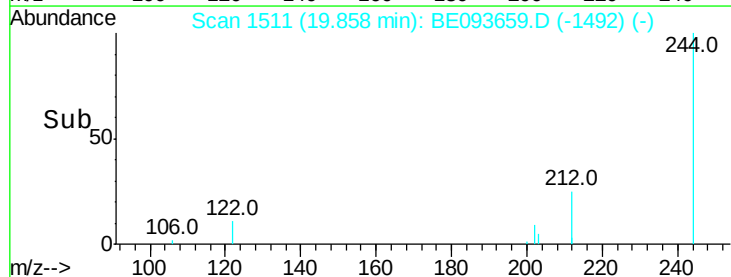
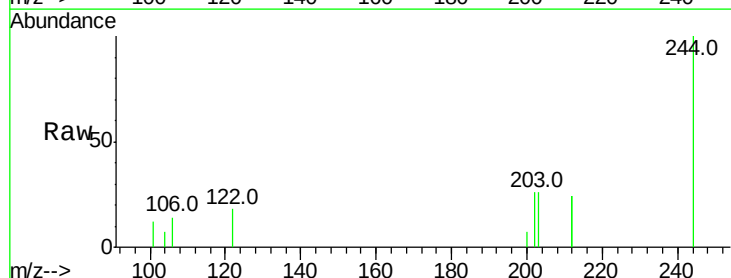
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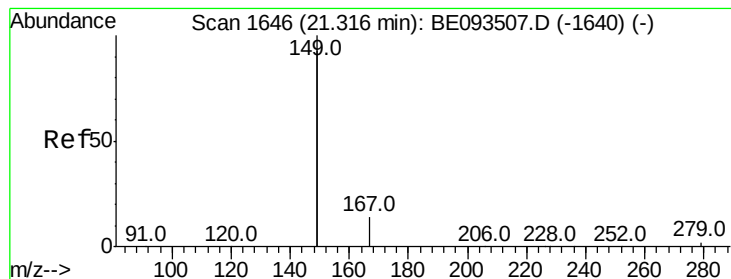
Sohil
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#29
Terphenyl-d14
Concen: 0.057 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093659.D
Acq: 3 Aug 2017 16:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	48.7	10.6	16.0#
122	18.5	15.4	23.0





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.052 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

Instrument :

BNA_E

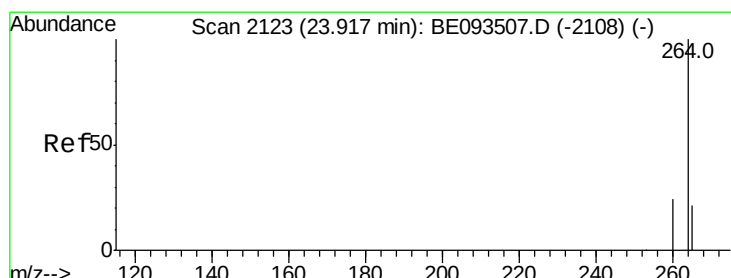
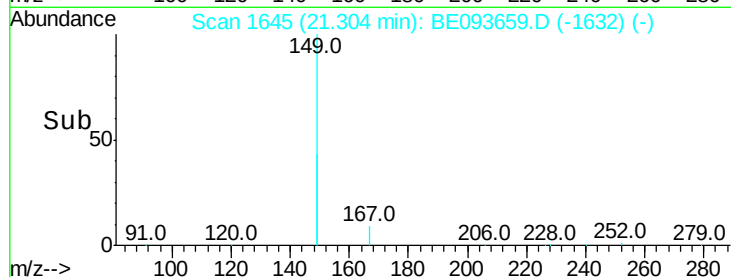
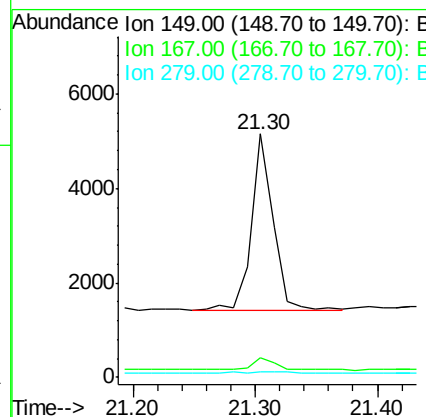
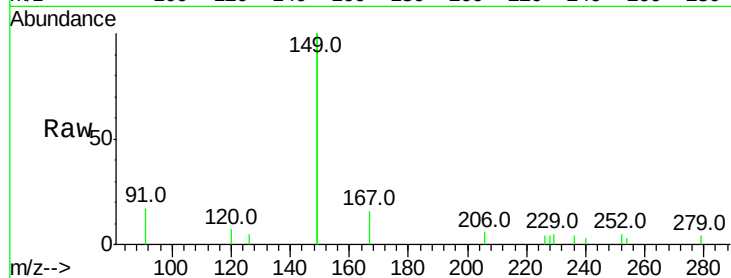
ClientSampleId :

CSSB-27-1DL

Tot Ion:	149	Resp:	4571
Ion Ratio	Lower	Upper	
149	100		
167	7.6	4.8	7.2#
279	1.4	0.8	1.2#

Manual Integrations
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#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE093659.D

Acq: 3 Aug 2017 16:24

Tgt Ion:	264	Resp:	19782
Ion Ratio	Lower	Upper	
264	100		
260	25.3	21.0	31.4
265	25.9	24.6	36.8

