

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080217\
 Data File : BE093639.D
 Acq On : 2 Aug 2017 23:00
 Operator : SJ/JU
 Sample : I4425-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-27-1-D

Manual Integrations
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 8/3/2017 6:24:26 PM

Quant Time: Aug 03 17:08:44 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	2514	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	12658	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	12611	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	19354	0.40	ng	0.00
27) Chrysene-d12	21.40	240	20529	0.40	ng	-0.01
34) Perylene-d12	23.91	264	18069	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2779	0.37	ng	0.00
5) Phenol-d6	7.09	99	4291	0.38	ng	-0.01
8) Nitrobenzene-d5	9.06	82	9627	1.00	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6403	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	520	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8542	0.17	ng	-0.02
25) Fluoranthene-d10	19.27	212	63380	0.29	ng	0.00
29) Terphenyl-d14	19.86	244	10805	0.29	ng	0.00
Target Compounds						
9) Naphthalene	10.76	128	243515	1.662	ng	Qvalue # 97
12) 2-Methylnaphthalene	12.36	142	75753	3.125	ng	99
17) Acenaphthene	14.58	154	39339m	0.925	ng	
18) Fluorene	15.56	166	86886m	1.529	ng	
23) Phenanthrene	17.27	178	230745	5.422	ng	# 81
26) Fluoranthene	19.30	202	7733	0.114	ng	# 82
28) Pyrene	19.67	202	25207	0.380	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.30	149	21359	0.260	ng	98

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

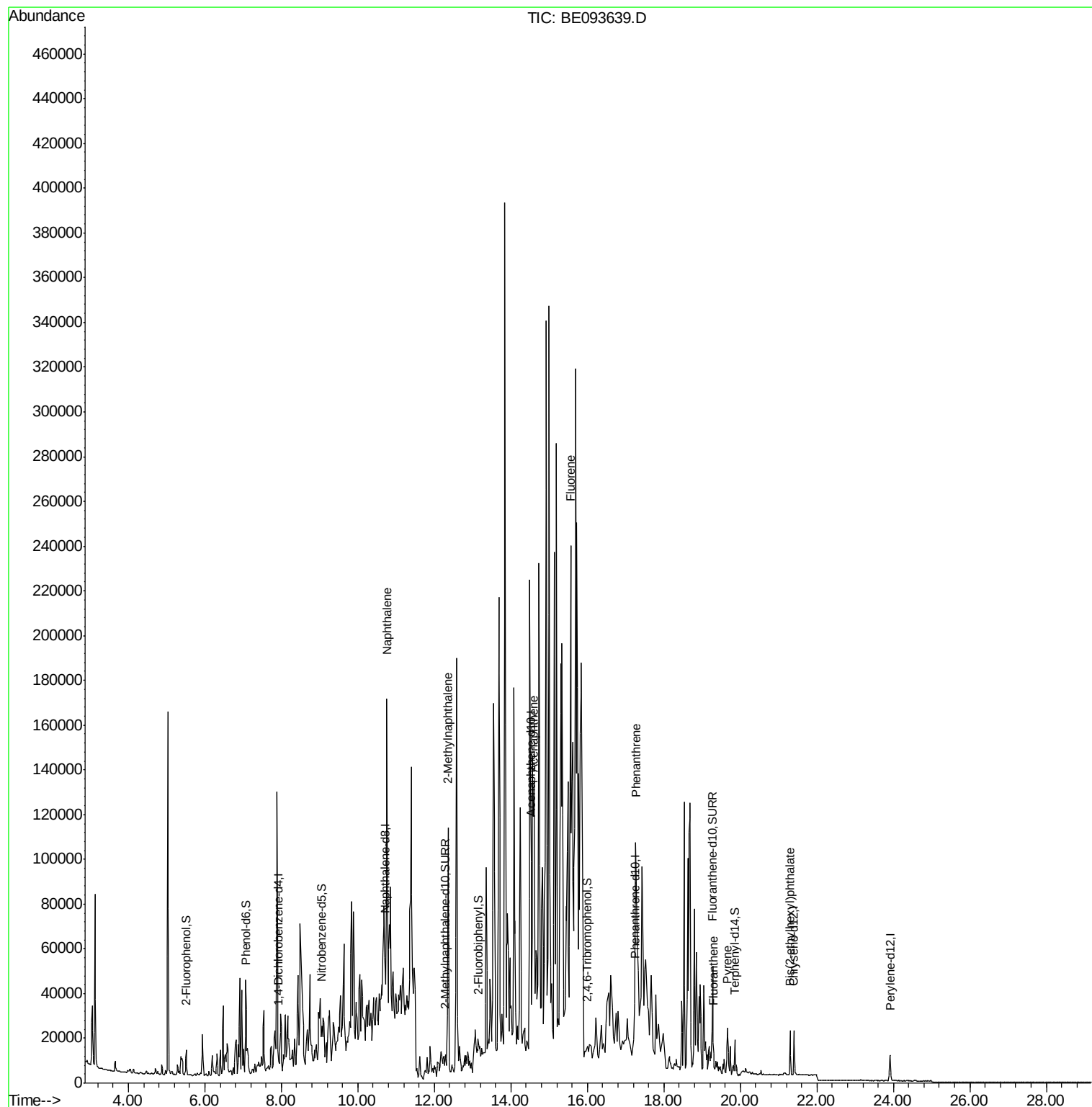
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080217\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

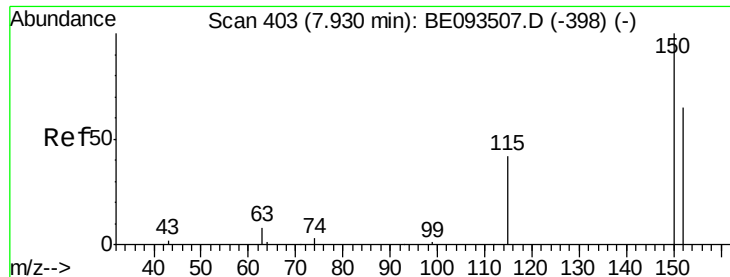
Instrument :
BNA_E
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CSSB-27-1-D

Manual Integrations
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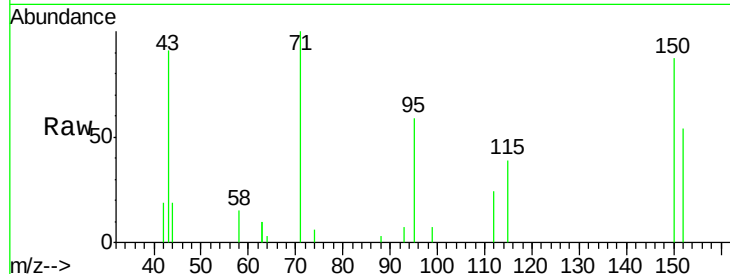




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093639.D
Acq: 2 Aug 2017 23:00

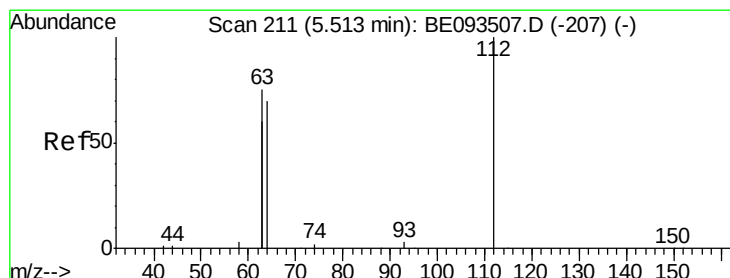
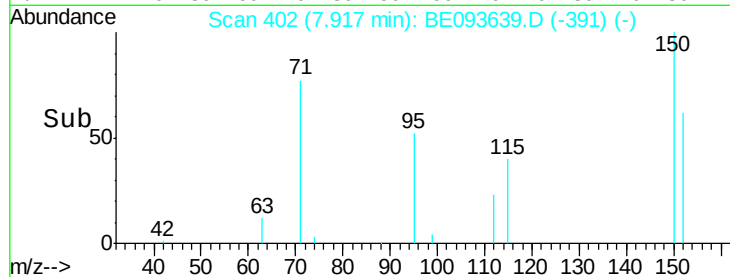
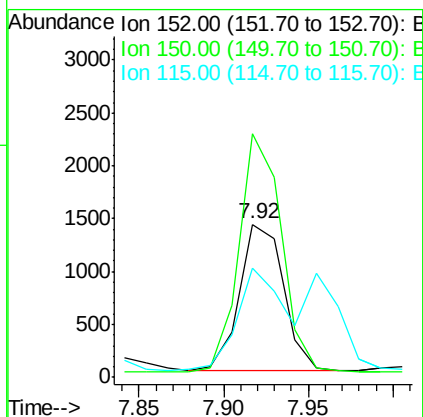
Instrument :
BNA_E
ClientSampleId :
CSSB-27-1-D



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.1	187.7
115	71.6	55.7	83.5

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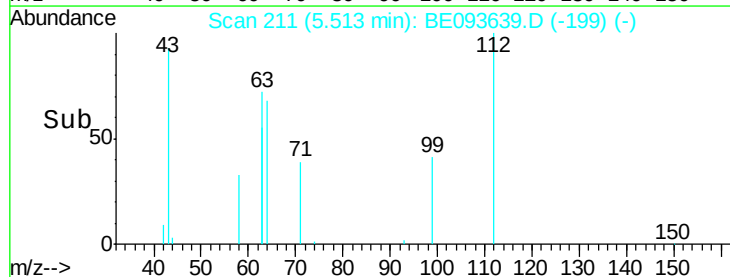
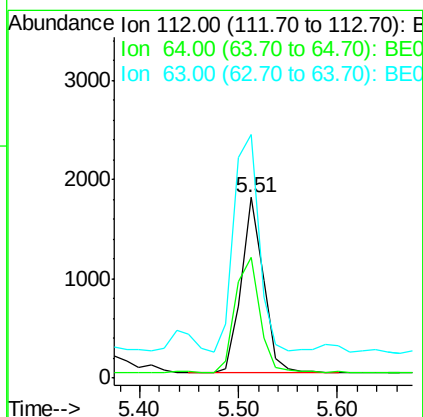
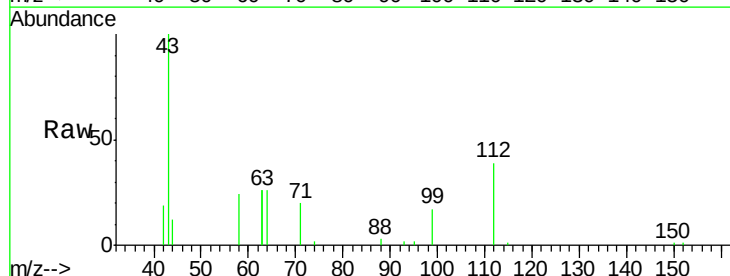
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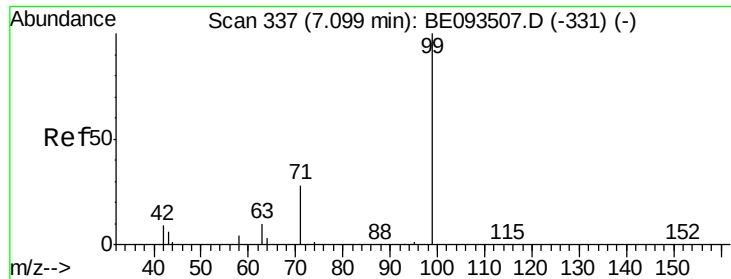


#4

2-Fluorophenol
Concen: 0.371 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093639.D
Acq: 2 Aug 2017 23:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	56.4	84.6
63	138.4	29.3	43.9#





#5

Phenol-d6

Concen: 0.381 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093639.D

Acq: 2 Aug 2017 23:00

Instrument :

BNA_E

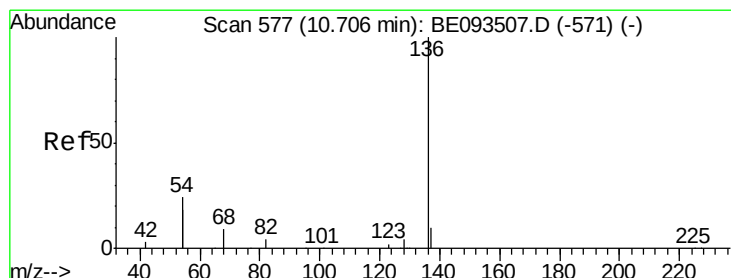
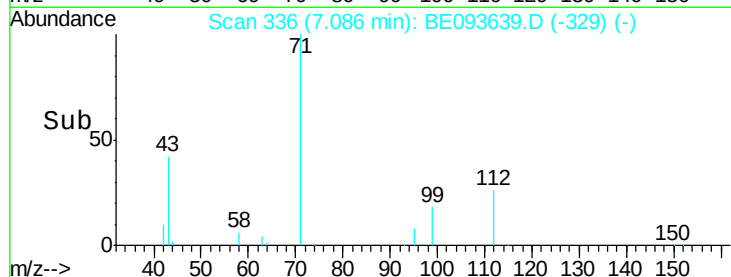
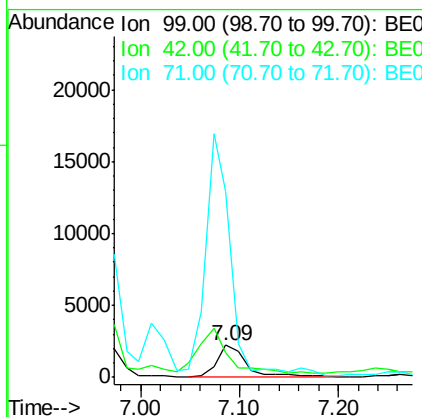
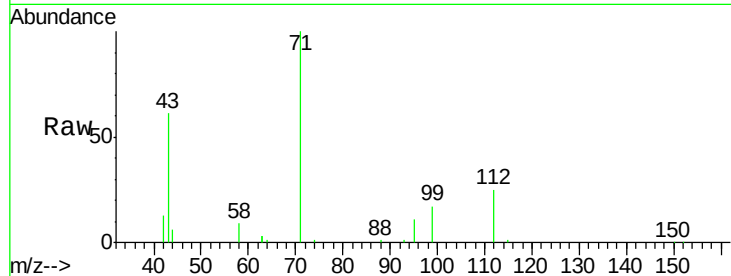
ClientSampleId :

CSSB-27-1-D

Tgt Ion:	99	Resp:	4291
Ion Ratio	Lower	Upper	
99	100		
42	142.2	0.0	0.0#
71	683.2	0.0	0.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

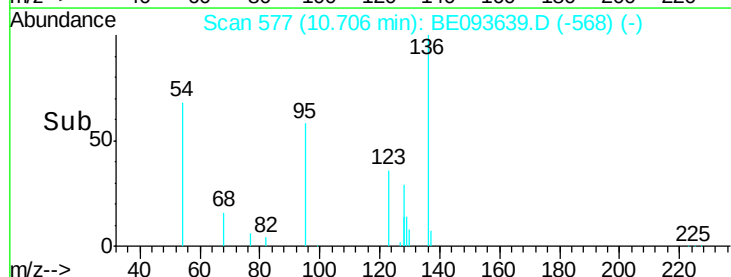
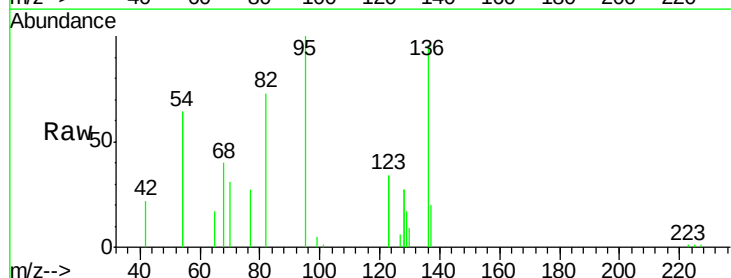
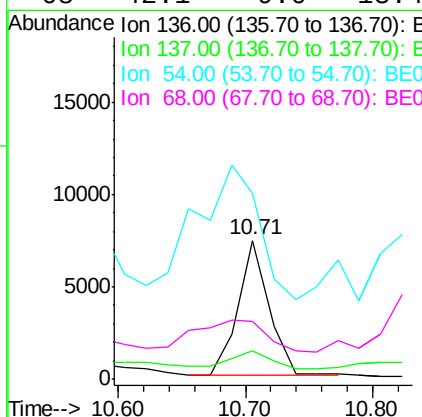
RT: 10.71 min Scan# 577

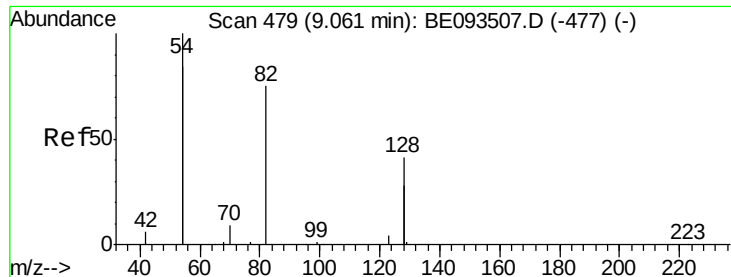
Delta R.T. -0.00 min

Lab File: BE093639.D

Acq: 2 Aug 2017 23:00

Tgt Ion:	136	Resp:	12658
Ion Ratio	Lower	Upper	
136	100		
137	20.5	9.8	14.8#
54	134.0	10.3	15.5#
68	42.1	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.997 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093639.D

Acq: 2 Aug 2017 23:00

Instrument :

BNA_E

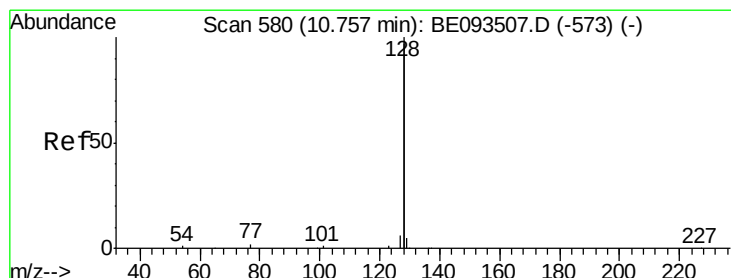
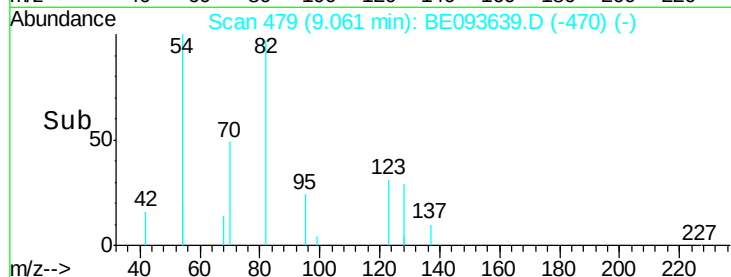
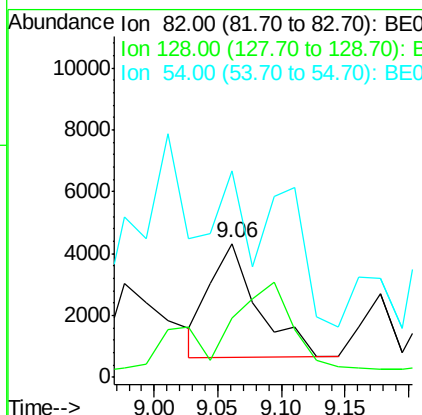
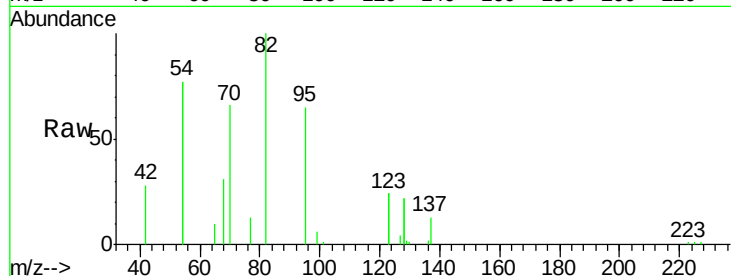
ClientSampleId :

CSSB-27-1-D

Tgt Ion:	82	Resp:	9627
Ion Ratio	Lower	Upper	
82	100		
128	44.7	17.0	25.4#
54	154.4	53.8	80.6#

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#9

Naphthalene

Concen: 1.662 ng

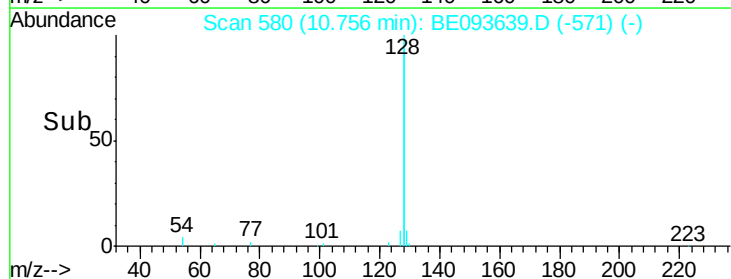
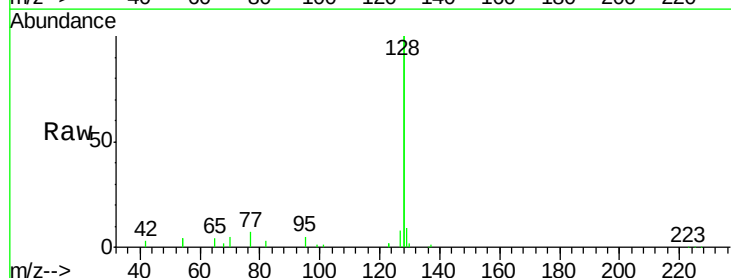
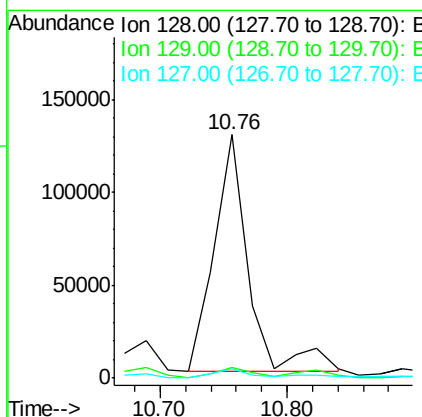
RT: 10.76 min Scan# 580

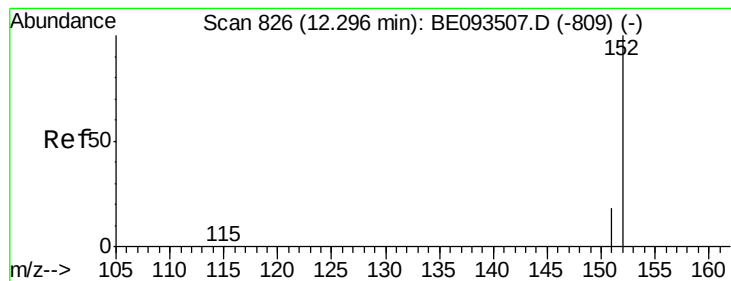
Delta R.T. -0.00 min

Lab File: BE093639.D

Acq: 2 Aug 2017 23:00

Tgt Ion:	128	Resp:	243515
Ion Ratio	Lower	Upper	
128	100		
129	4.3	2.4	3.6#
127	3.8	2.4	3.6#





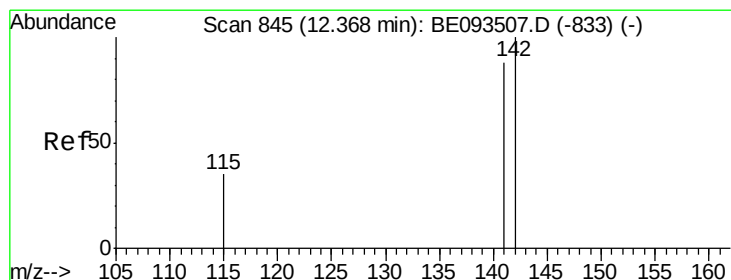
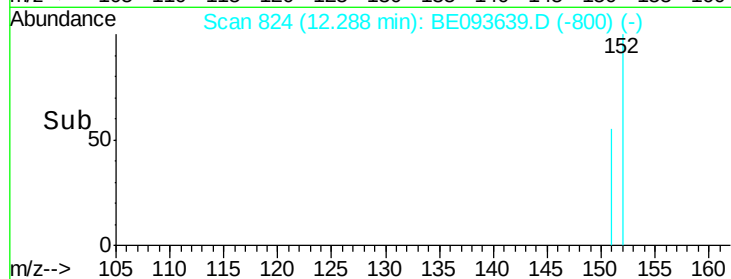
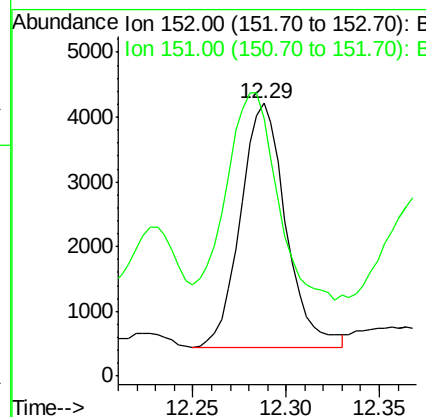
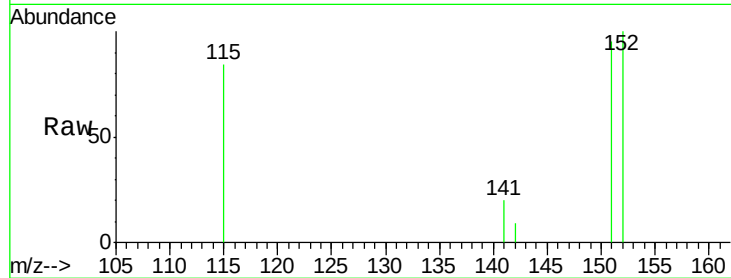
#11
 2-Methylnaphthalene-d10
 Concen: 0.320 ng
 RT: 12.29 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE093639.D
 Acq: 2 Aug 2017 23:00

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-27-1-D

Tgt Ion:152 Resp: 6403
 Ion Ratio Lower Upper
 152 100
 151 92.4 15.1 22.7#

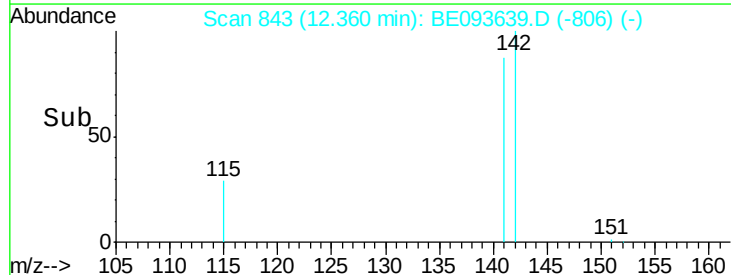
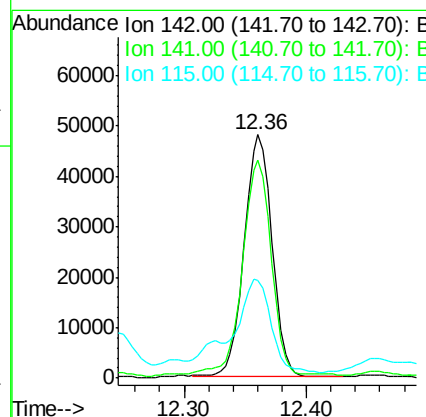
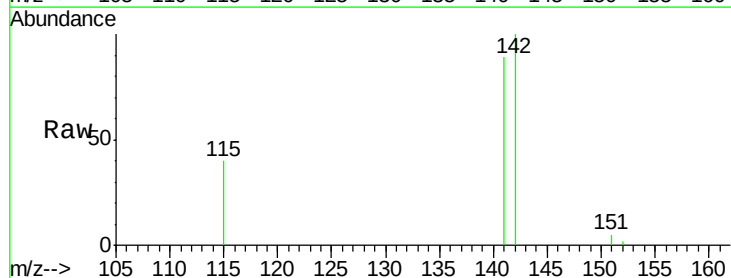
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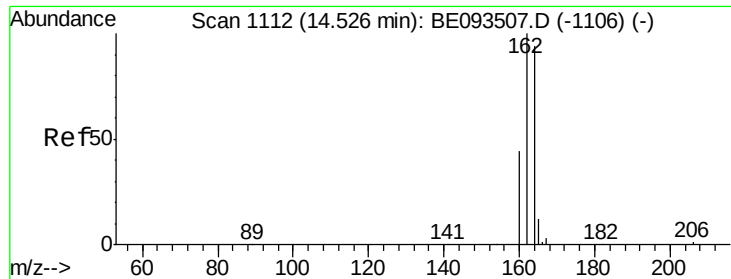
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#12
 2-Methylnaphthalene
 Concen: 3.125 ng
 RT: 12.36 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BE093639.D
 Acq: 2 Aug 2017 23:00

Tgt Ion:142 Resp: 75753
 Ion Ratio Lower Upper
 142 100
 141 89.3 72.6 108.8
 115 40.3 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: BE093639.D

Acq: 2 Aug 2017 23:00

Instrument :

BNA_E

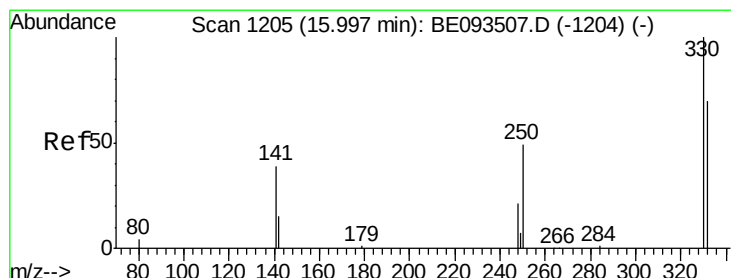
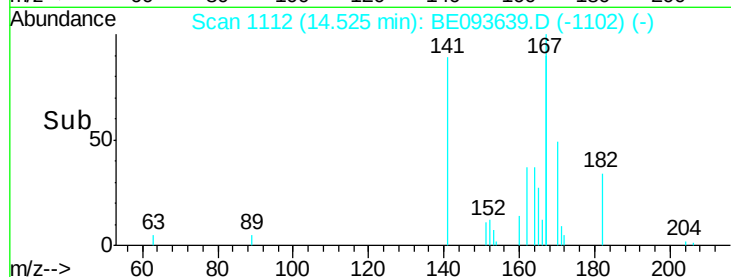
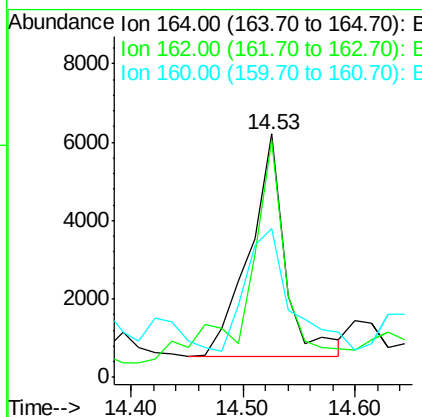
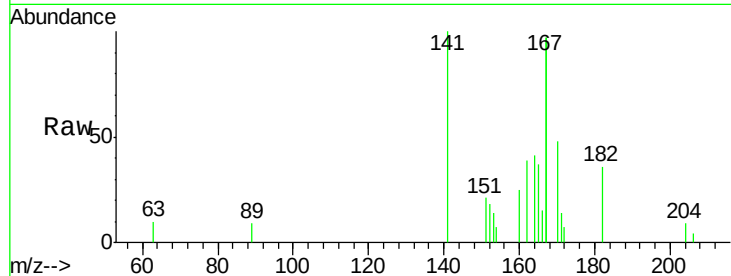
ClientSampleId :

CSSB-27-1-D

Tgt Ion:	164	Resp:	12611
Ion Ratio	Lower	Upper	
164	100		
162	97.2	84.6	127.0
160	61.3	41.8	62.6

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#14

2,4,6-Tribromophenol

Concen: 0.245 ng

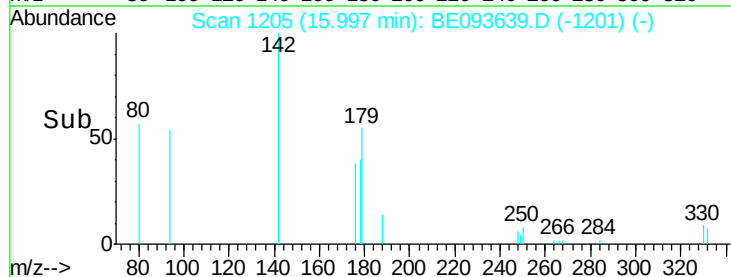
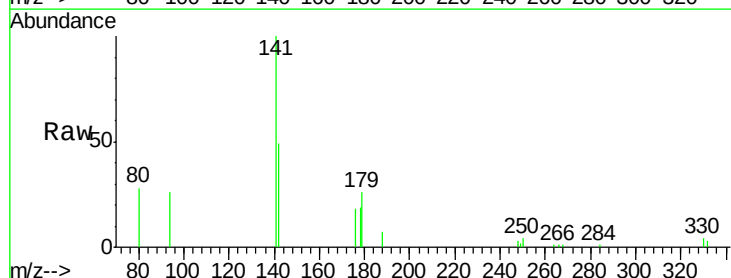
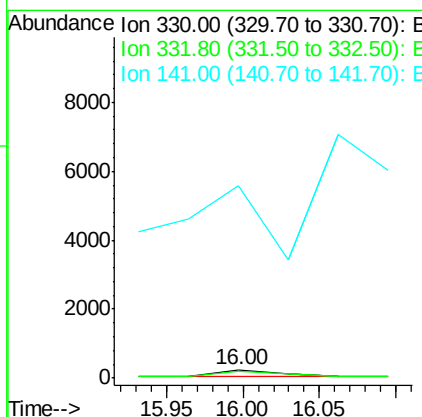
RT: 16.00 min Scan# 1205

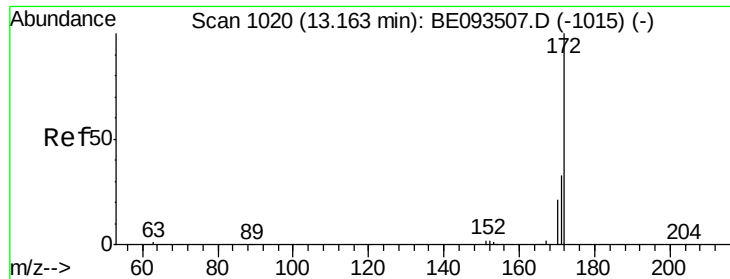
Delta R.T. -0.00 min

Lab File: BE093639.D

Acq: 2 Aug 2017 23:00

Tgt Ion:	330	Resp:	520
Ion Ratio	Lower	Upper	
330	100		
332	90.6	77.7	116.5
141	0.0	56.2	84.4#





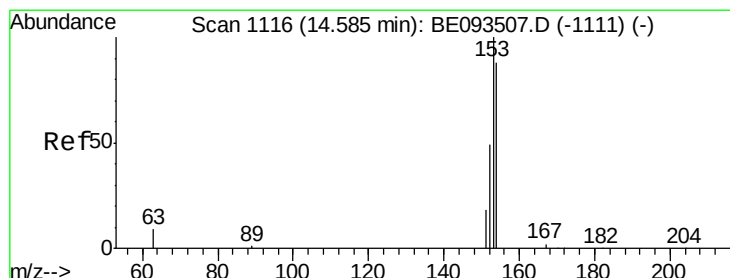
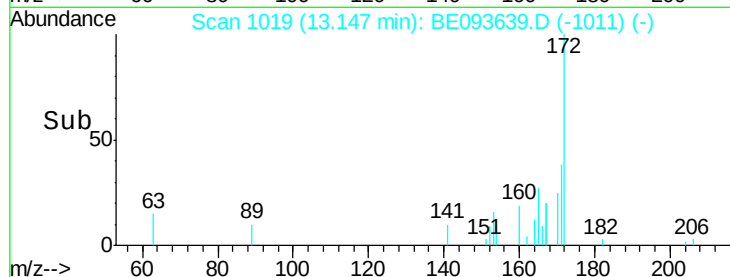
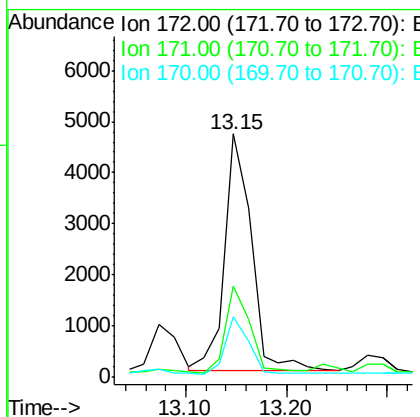
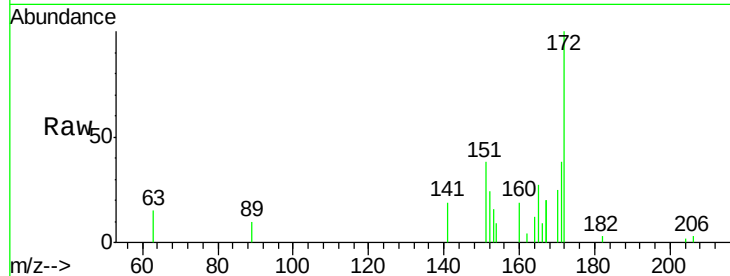
#15
2-Fluorobiphenyl
Concen: 0.169 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093639.D
Acq: 2 Aug 2017 23:00

Instrument :
BNA_E
ClientSampleId :
CSSB-27-1-D

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.1	20.7	31.1

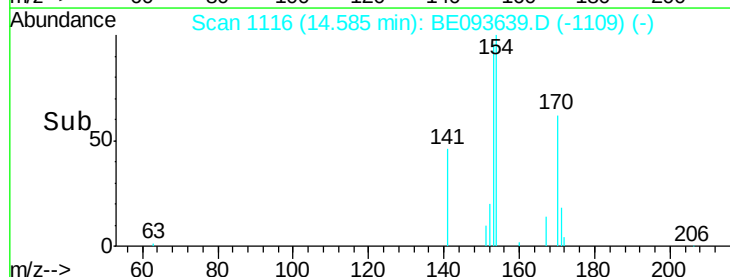
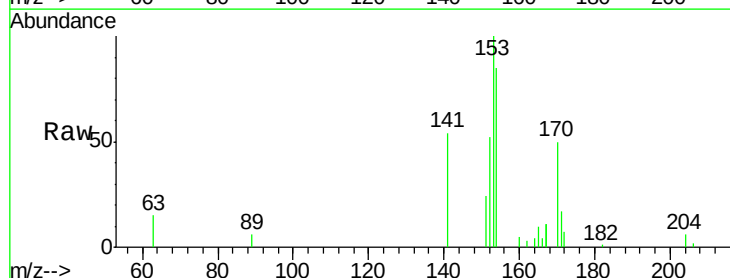
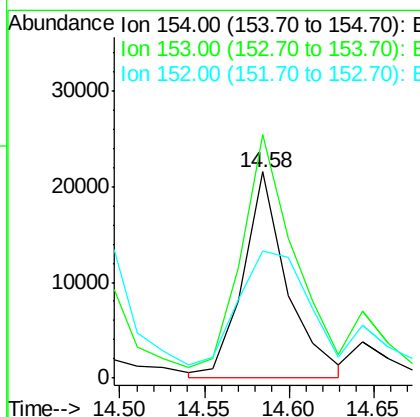
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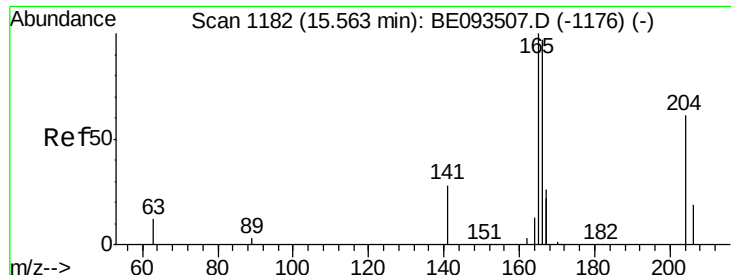
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#17
Acenaphthene
Concen: 0.925 ng m
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093639.D
Acq: 2 Aug 2017 23:00

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





#18

Fluorene

Concen: 1.529 ng m

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE093639.D

Acq: 2 Aug 2017 23:00

Instrument :

BNA_E

ClientSampled :

CSSB-27-1-D

Tgt Ion:166 Resp: 86886

Ion Ratio Lower Upper

166 100

165 0.0 78.6 117.8#

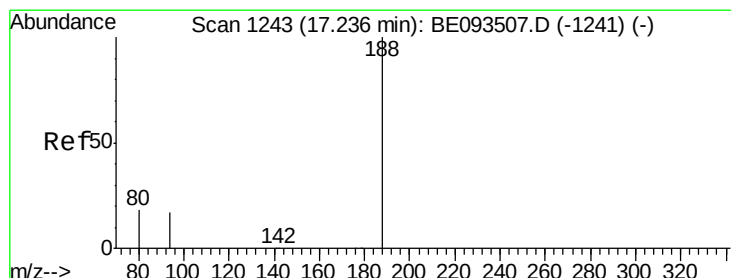
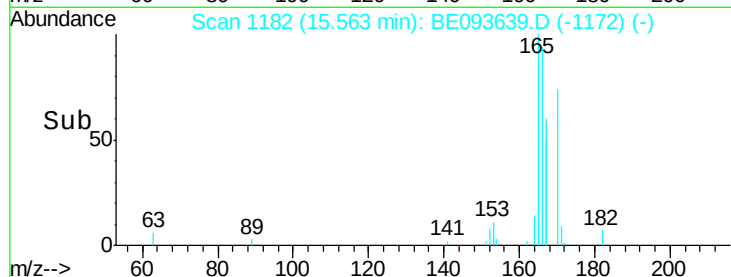
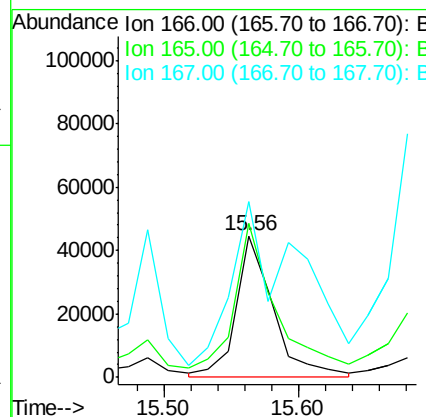
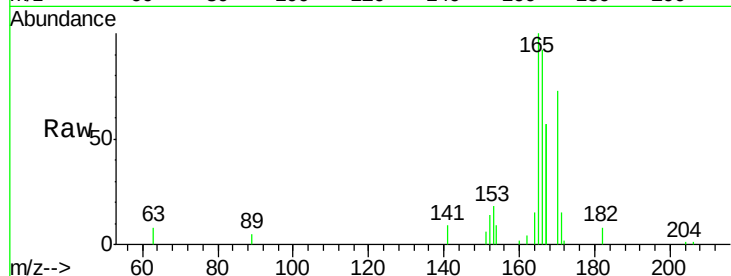
167 0.0 11.1 16.7#

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#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093639.D

Acq: 2 Aug 2017 23:00

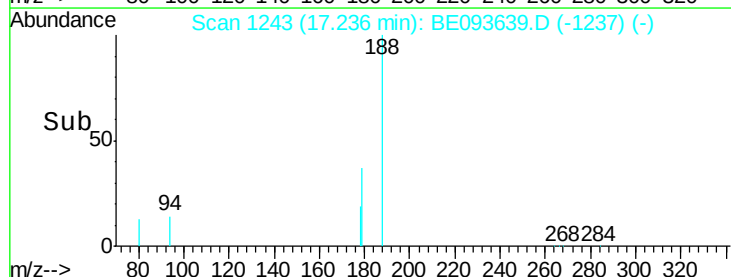
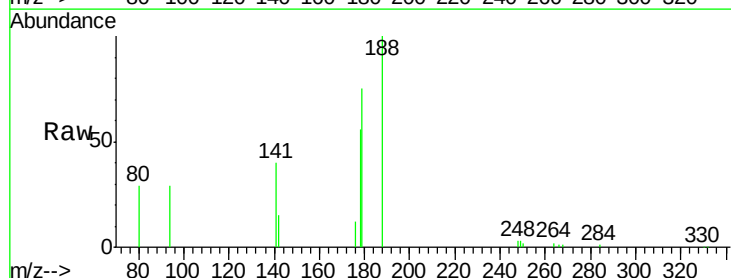
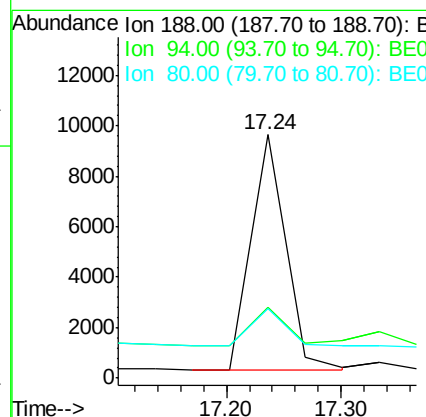
Tgt Ion:188 Resp: 19354

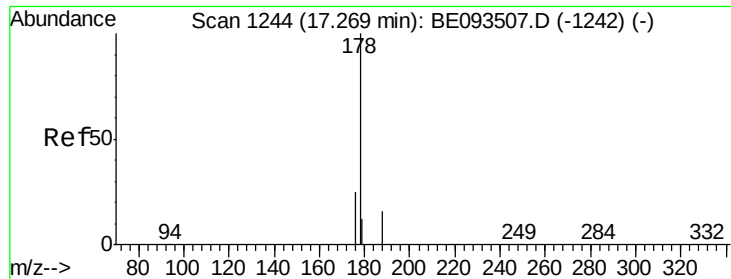
Ion Ratio Lower Upper

188 100

94 28.9 11.3 16.9#

80 28.8 11.7 17.5#





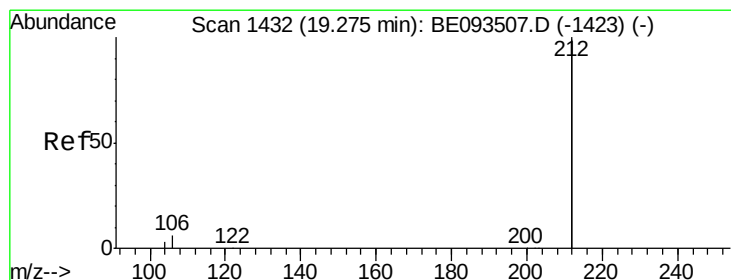
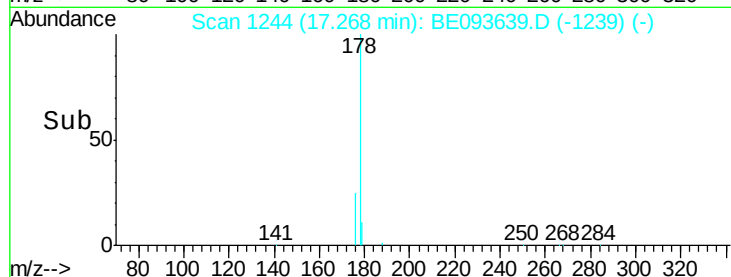
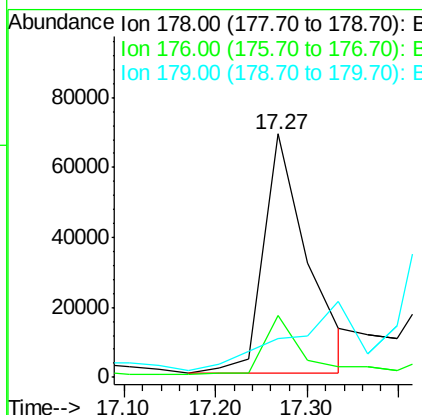
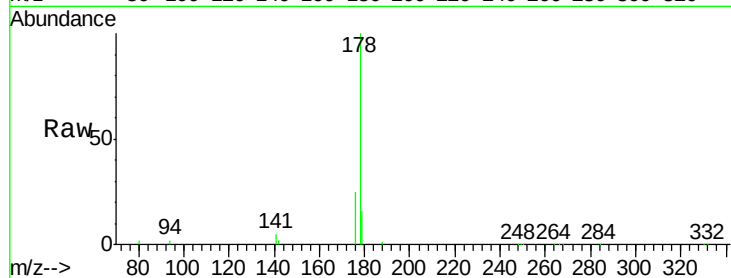
#23
Phenanthrene
Concen: 5.422 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093639.D
Acq: 2 Aug 2017 23:00

Instrument :
BNA_E
ClientSampleId :
CSSB-27-1-D

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	0.0	12.7	19.1#

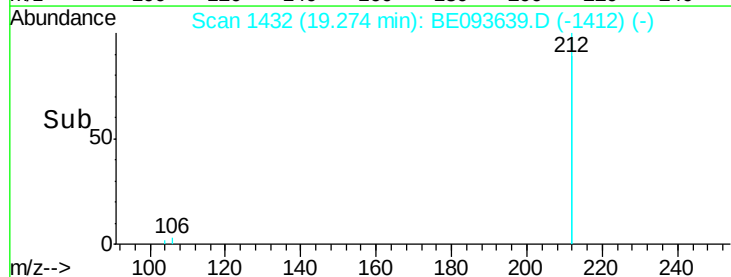
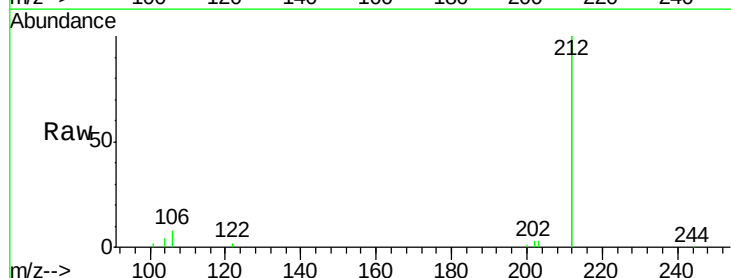
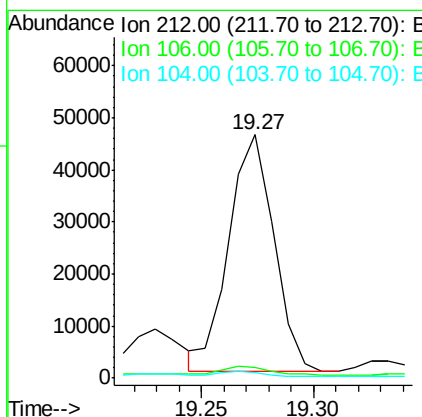
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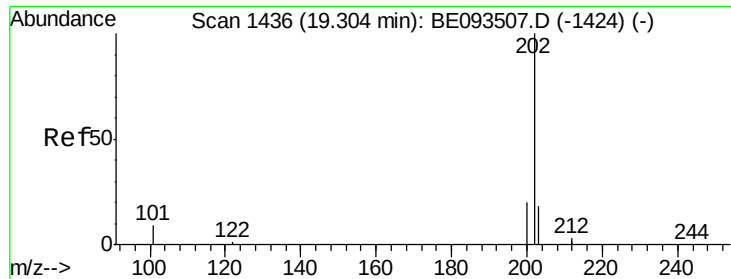
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#25
Fluoranthene-d10
Concen: 0.288 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093639.D
Acq: 2 Aug 2017 23:00

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.8	2.4	3.6#
104	2.1	1.6	2.4





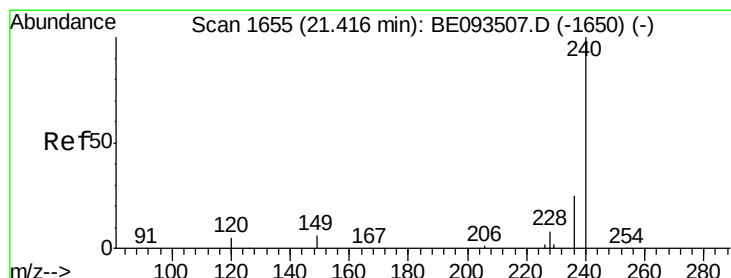
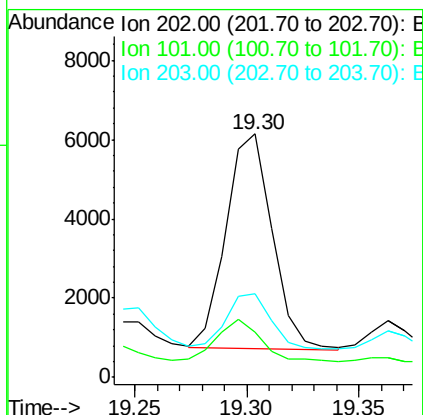
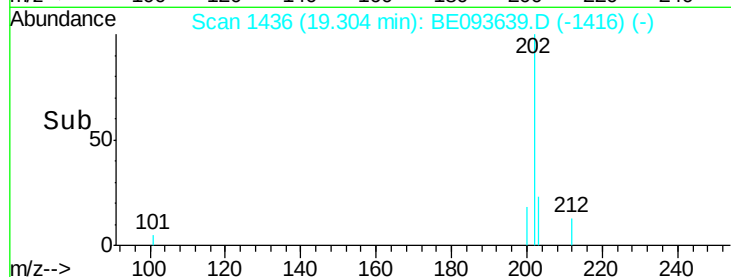
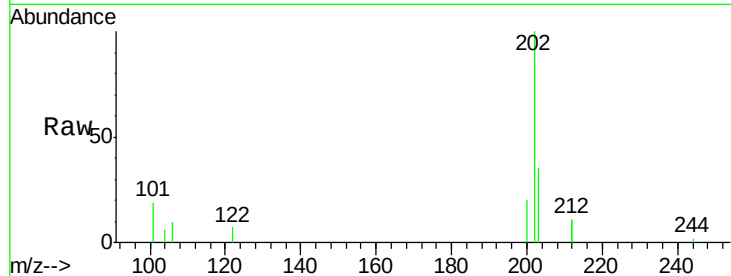
#26
 Fluoranthene
 Concen: 0.114 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BE093639.D
 Acq: 2 Aug 2017 23:00

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-27-1-D

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	19.6	9.6	14.4#
203	25.4	14.4	21.6#

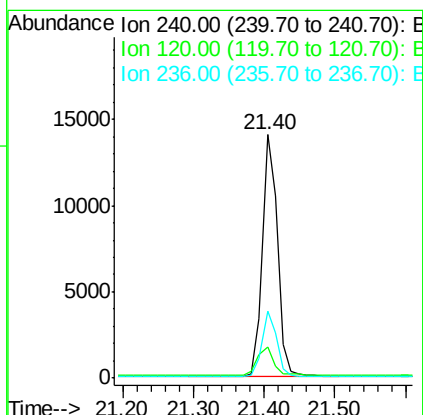
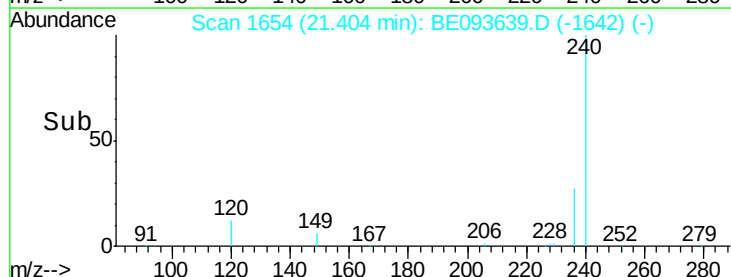
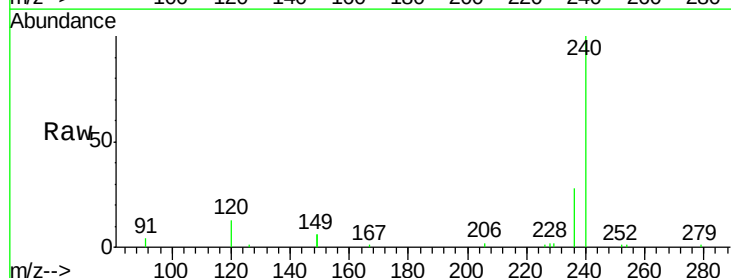
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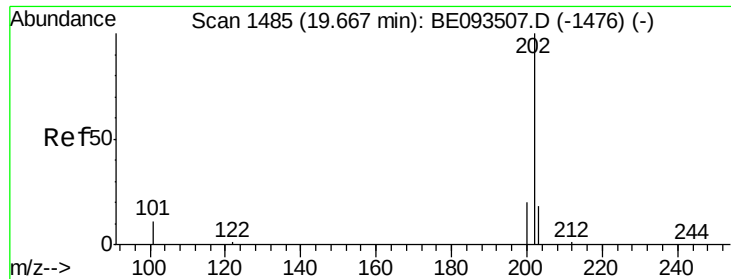
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093639.D
 Acq: 2 Aug 2017 23:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.8	4.6	7.0#
236	27.6	20.8	31.2





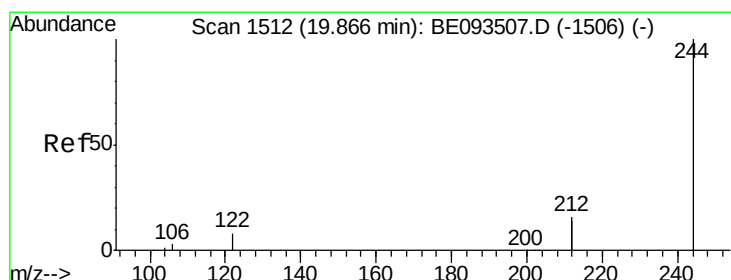
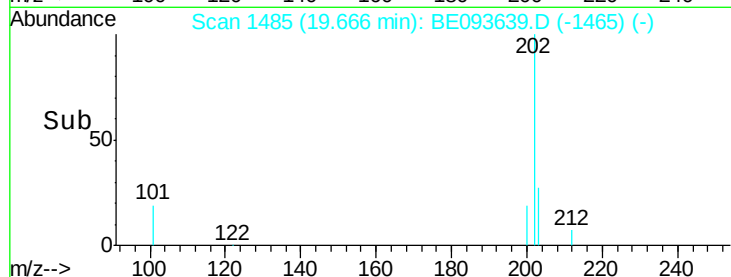
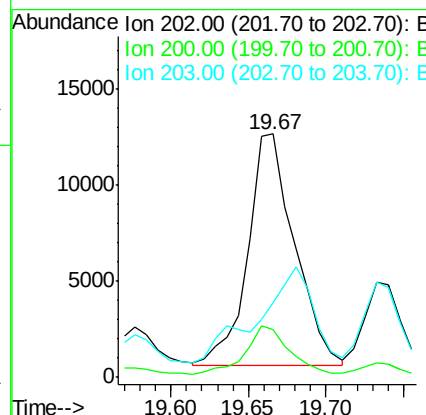
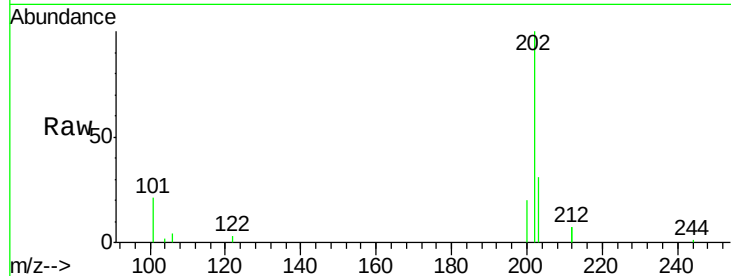
#28
 Pyrene
 Concen: 0.380 ng
 RT: 19.67 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BE093639.D
 Acq: 2 Aug 2017 23:00

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-27-1-D

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	25207		
200	19.1	0.0	0.0#	
203	0.0	13.7	20.5#	

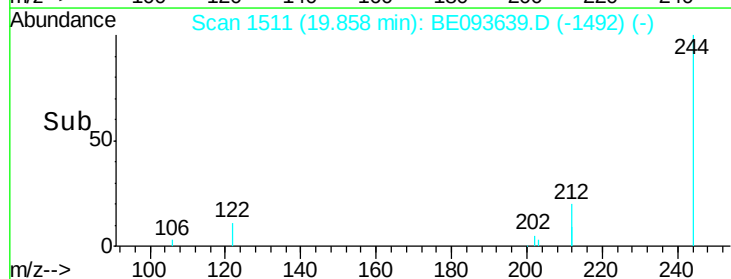
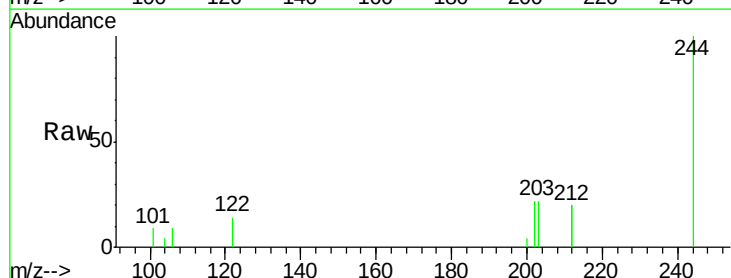
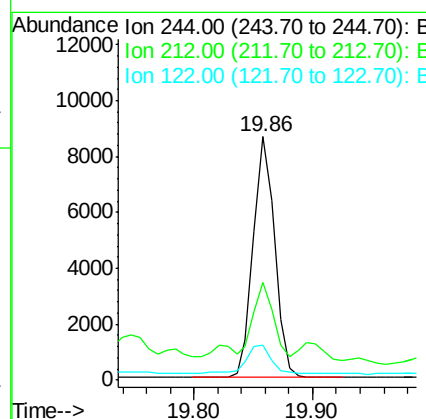
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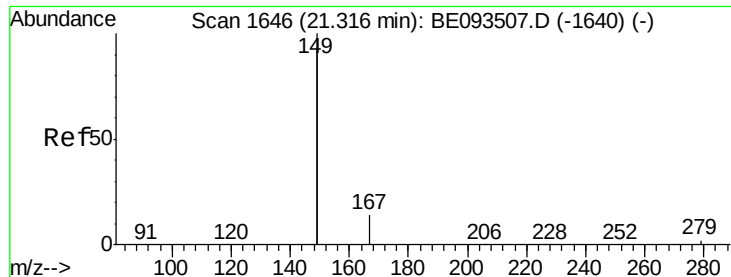
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#29
 Terphenyl-d14
 Concen: 0.293 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093639.D
 Acq: 2 Aug 2017 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	10805		
212	39.9	10.6	16.0#	
122	14.3	15.4	23.0#	





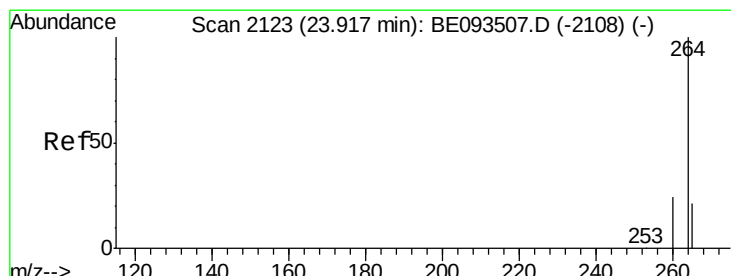
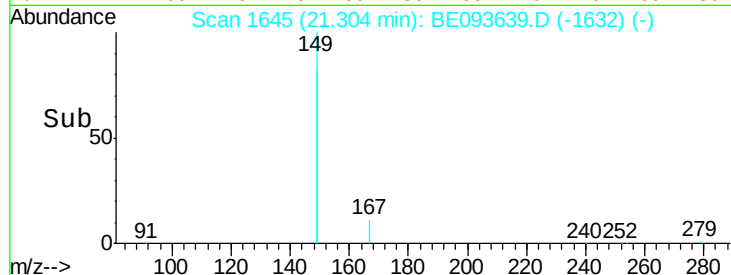
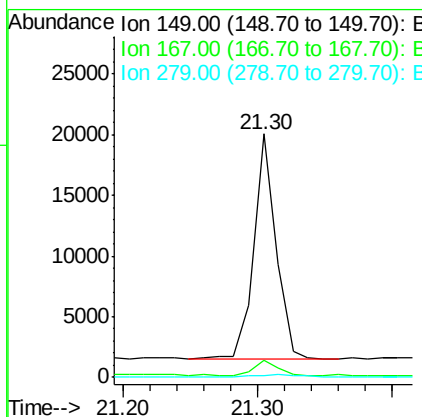
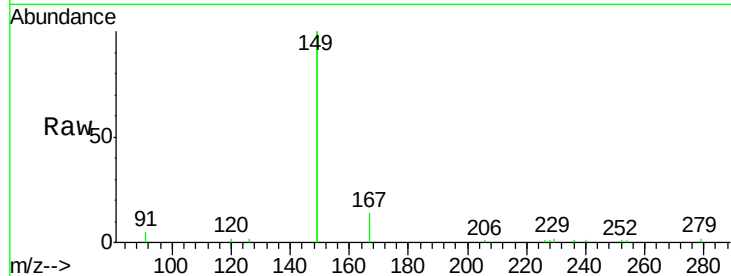
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.260 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093639.D
 Acq: 2 Aug 2017 23:00

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-27-1-D

Tgt Ion:	149	Resp:	21359
Ion Ratio	Lower	Upper	
149	100		
167	6.6	4.8	7.2
279	0.9	0.8	1.2

Manual Integrations
 APPROVED

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BE093639.D
 Acq: 2 Aug 2017 23:00

Tgt Ion:	264	Resp:	18069
Ion Ratio	Lower	Upper	
264	100		
260	25.3	21.0	31.4
265	25.6	24.6	36.8

