

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080217\
 Data File : BE093643.D
 Acq On : 3 Aug 2017 1:29
 Operator : SJ/JU
 Sample : I4425-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 CSSB-30-2

Manual Integrations
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 8/3/2017 6:24:30 PM

Quant Time: Aug 03 17:16:52 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	2795	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	13417	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8078	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	18470	0.40	ng	0.00
27) Chrysene-d12	21.40	240	20992	0.40	ng	-0.01
34) Perylene-d12	23.91	264	18837	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2664	0.32	ng	0.00
5) Phenol-d6	7.09	99	3954	0.32	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3207	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5507	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	501	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7858	0.24	ng	-0.02
25) Fluoranthene-d10	19.27	212	57679	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	9821	0.26	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.76	128	30543	0.197	ng	# 98
12) 2-Methylnaphthalene	12.36	142	15448	0.601	ng	96
17) Acenaphthene	14.58	154	1721m	0.063	ng	
18) Fluorene	15.56	166	4065m	0.112	ng	
23) Phenanthrene	17.27	178	9091	0.224	ng	# 82
26) Fluoranthene	19.30	202	5908	0.091	ng	98
28) Pyrene	19.66	202	7365	0.109	ng	# 80
30) Benzo(a)anthracene	21.39	228	7399	0.120	ng	97
31) Chrysene	21.45	228	6938	0.101	ng	96
32) Bis(2-ethylhexyl)phthalate	21.30	149	13782	0.164	ng	97
33) Indeno(1,2,3-cd)pyrene	26.54	276	2734	0.044	ng	96
35) Benzo(b)fluoranthene	23.15	252	7707	0.115	ng	# 87
36) Benzo(k)fluoranthene	23.19	252	3411m	0.050	ng	
37) Benzo(a)pyrene	23.80	252	4091	0.067	ng	# 78
39) Benzo(g,h,i)perylene	27.36	276	2406	0.040	ng	94

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

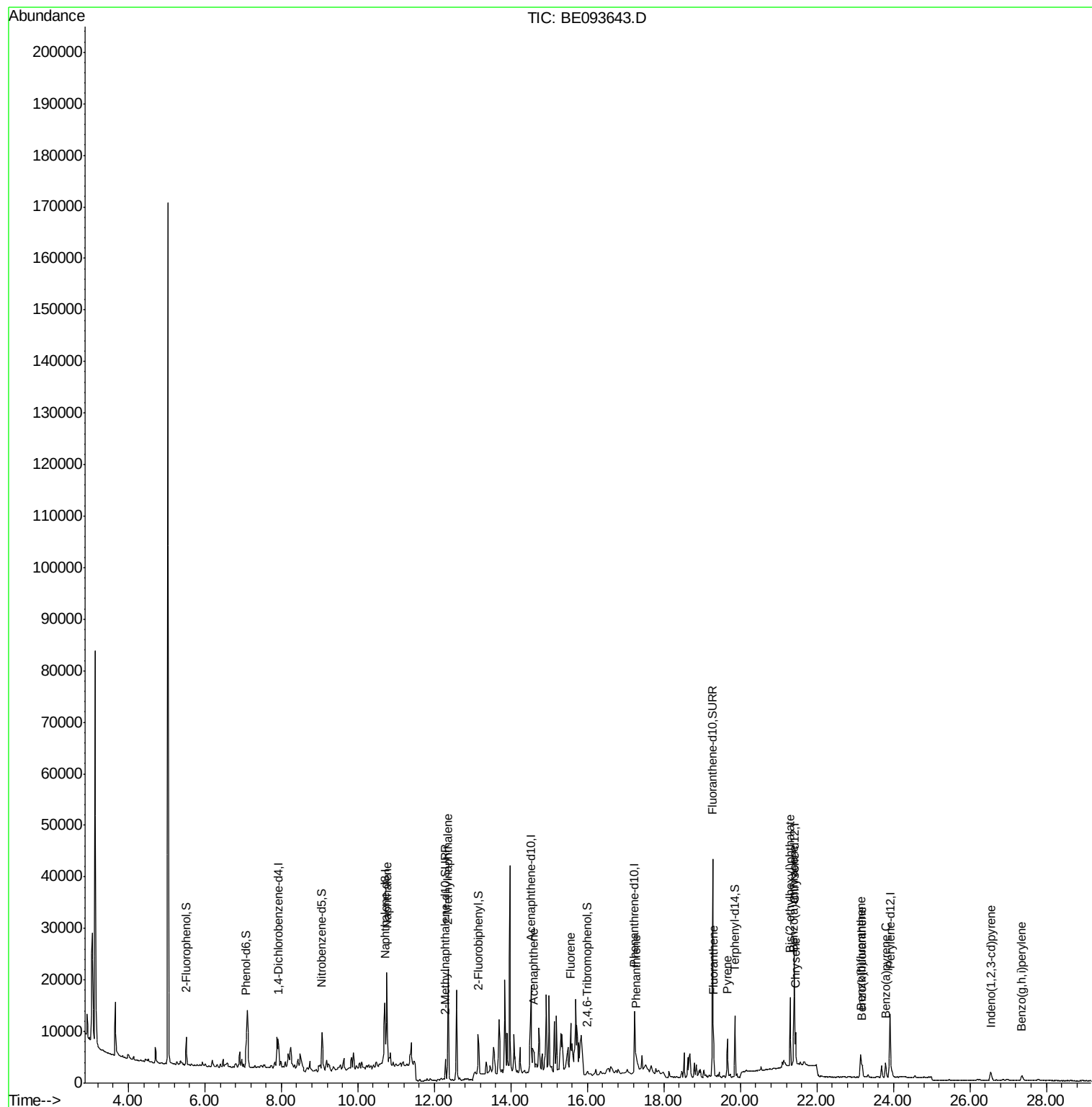
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080217\
Data File : BE093643.D
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Sample : I4425-09
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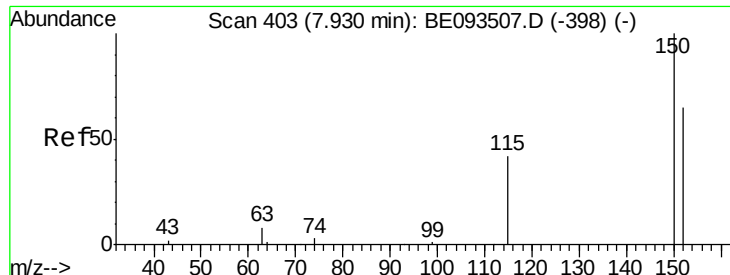
Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

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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

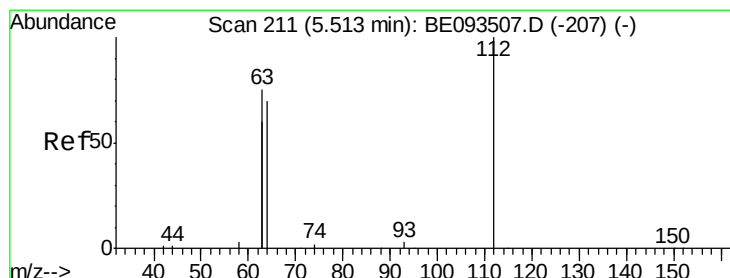
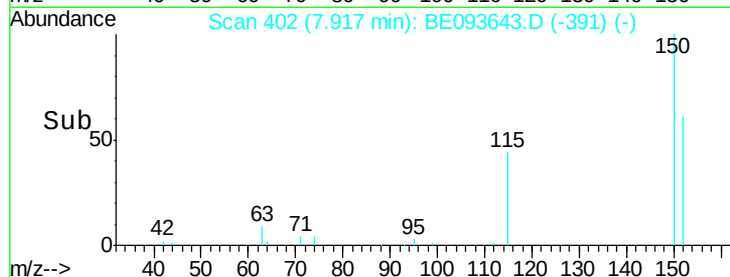
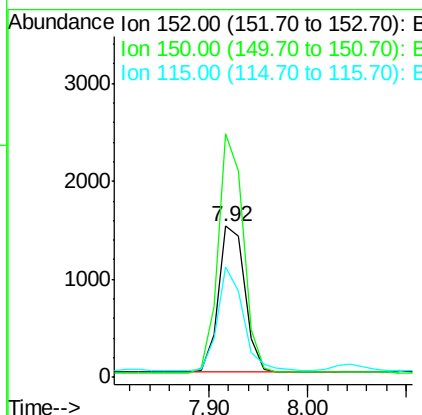
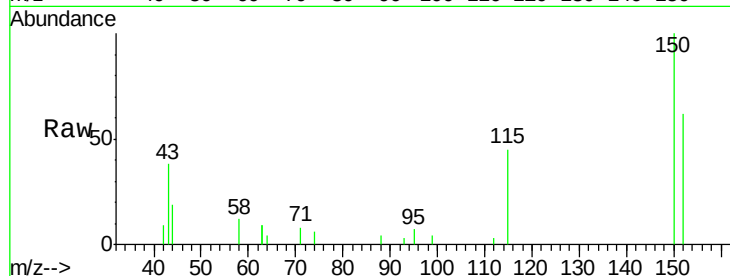
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampled :
CSSB-30-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.8	125.1	187.7
115	73.1	55.7	83.5

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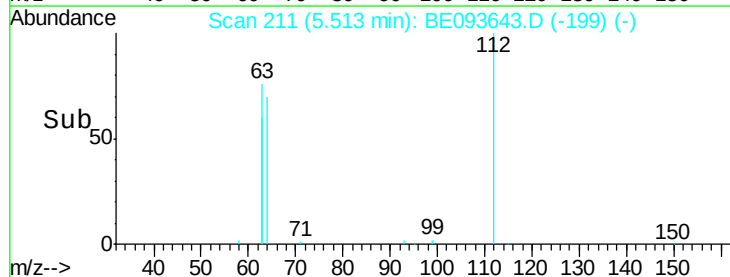
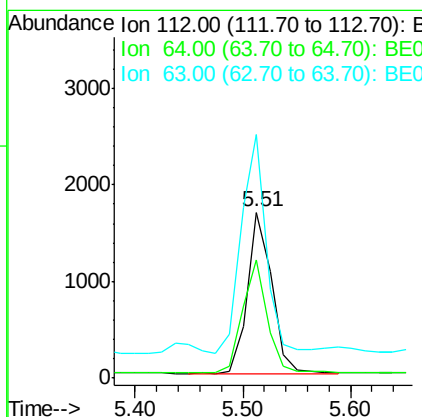
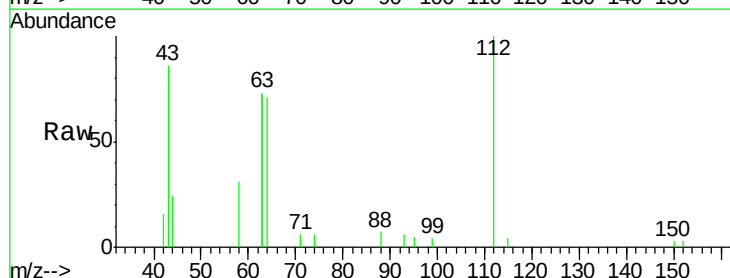
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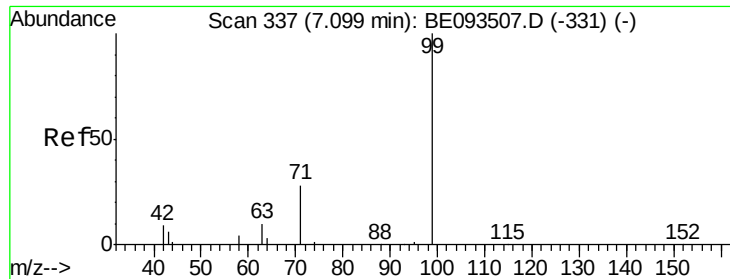


#4

2-Fluorophenol
Concen: 0.320 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.4	84.6
63	136.0	29.3	43.9#





#5

Phenol-d6

Concen: 0.315 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

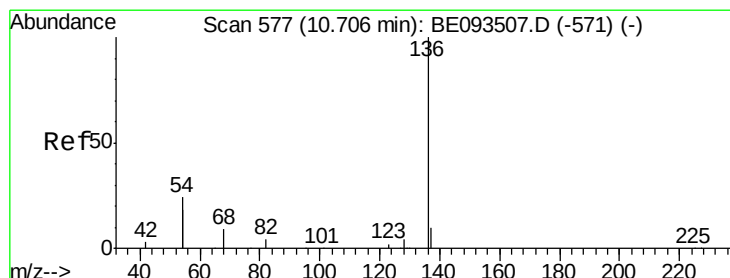
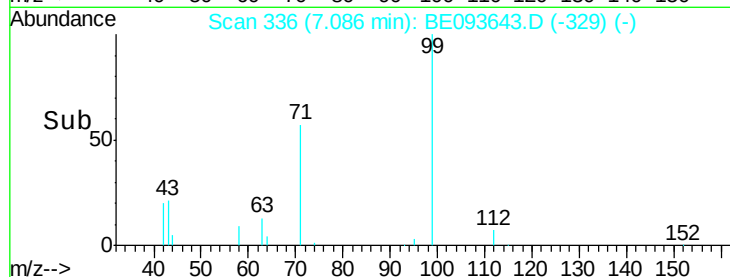
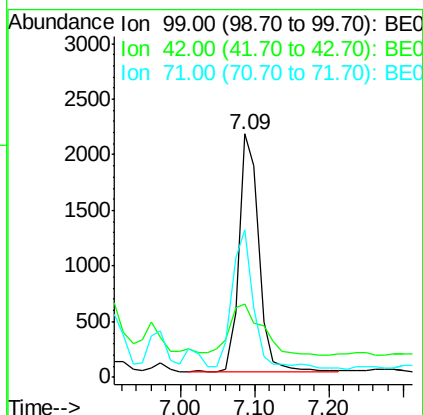
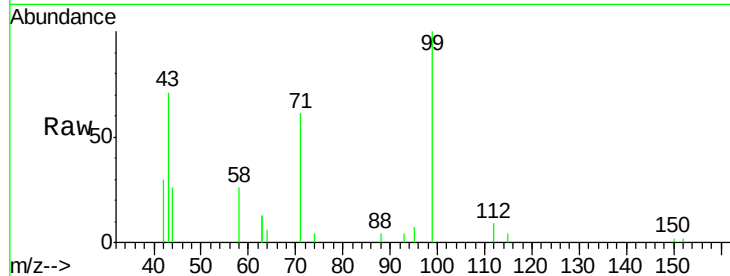
ClientSampled :

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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	3954		
42	35.4	0.0	0.0#	
71	65.2	0.0	0.0#	

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#7

Naphthalene-d8

Concen: 0.400 ng

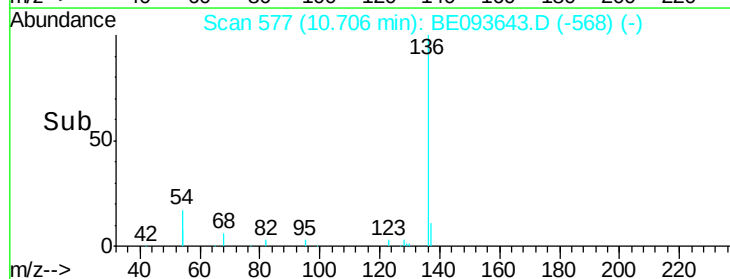
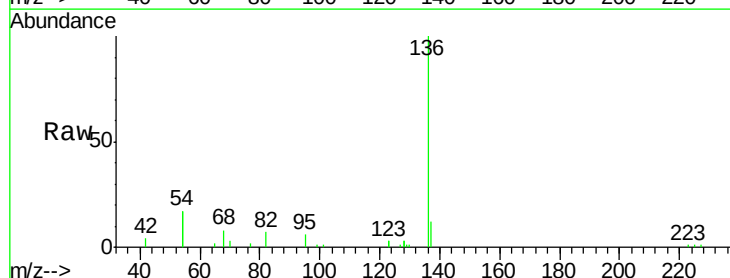
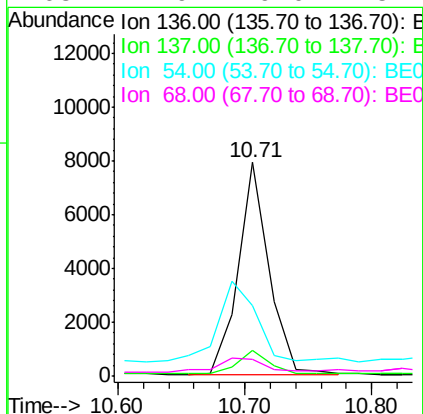
RT: 10.71 min Scan# 577

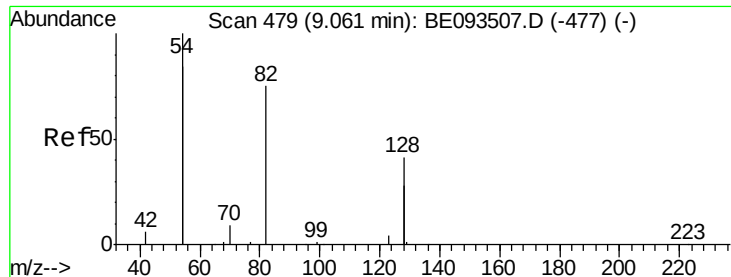
Delta R.T. 0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	13417		
137	11.8	9.8	14.8	
54	33.1	10.3	15.5#	
68	7.9	9.0	13.4#	





#8

Nitrobenzene-d5

Concen: 0.313 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

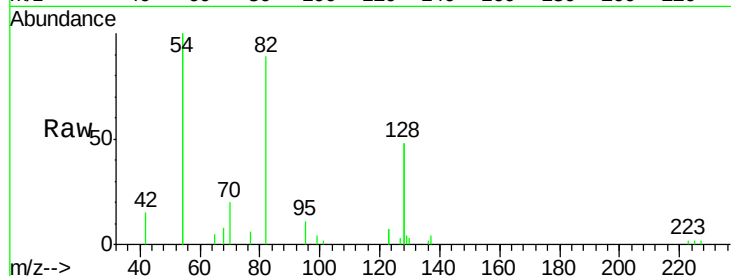
ClientSampled :

CSSB-30-2

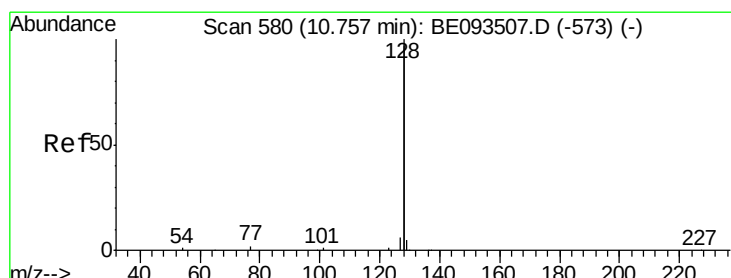
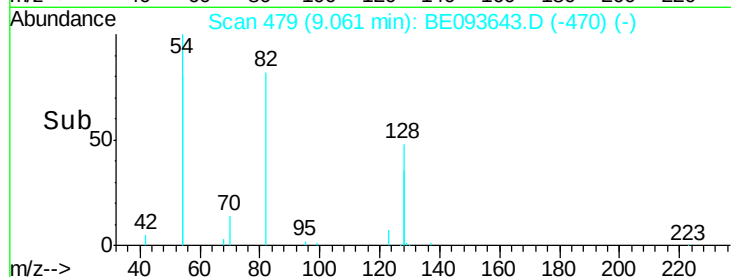
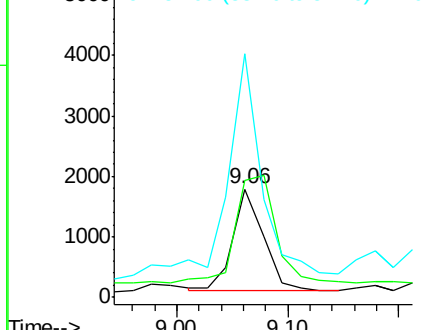
Tgt Ion:	82	Resp:	3207
Ion Ratio	Lower	Upper	
82	100		
128	108.6	17.0	25.4#
54	225.3	53.8	80.6#

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Abundance Ion 82.00 (81.70 to 82.70): BE093643.D (-470) (-)



#9

Naphthalene

Concen: 0.197 ng

RT: 10.76 min Scan# 580

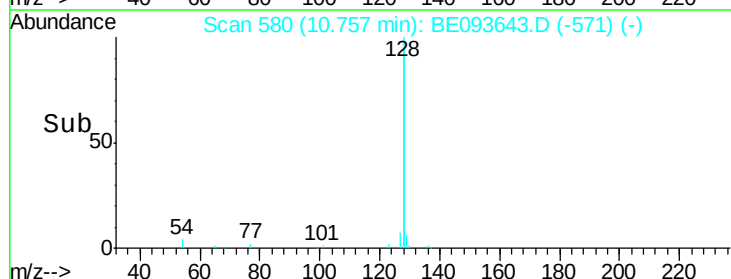
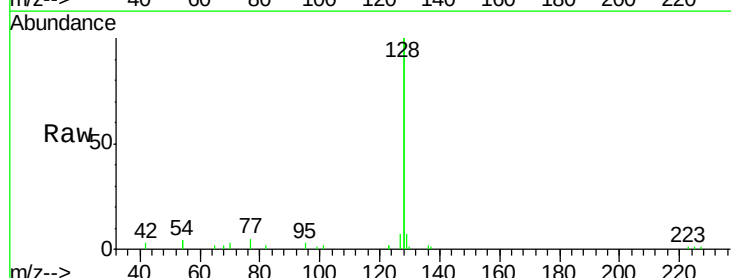
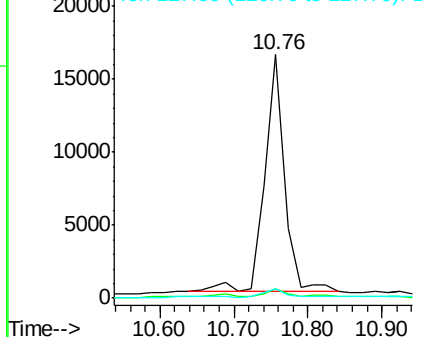
Delta R.T. 0.00 min

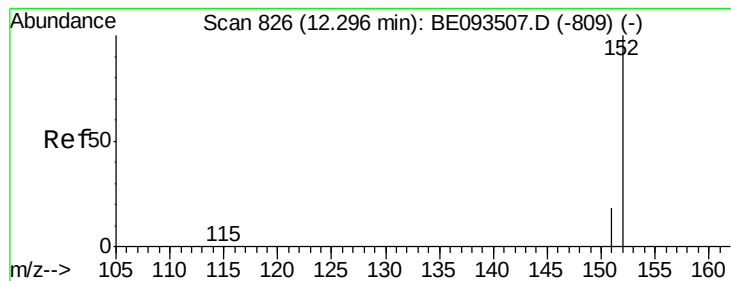
Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Tgt Ion:	128	Resp:	30543
Ion Ratio	Lower	Upper	
128	100		
129	3.6	2.4	3.6#
127	3.7	2.4	3.6#

Abundance Ion 128.00 (127.70 to 128.70): BE093643.D (-571) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.260 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2

Tgt Ion:152 Resp: 5507

Ion Ratio Lower Upper

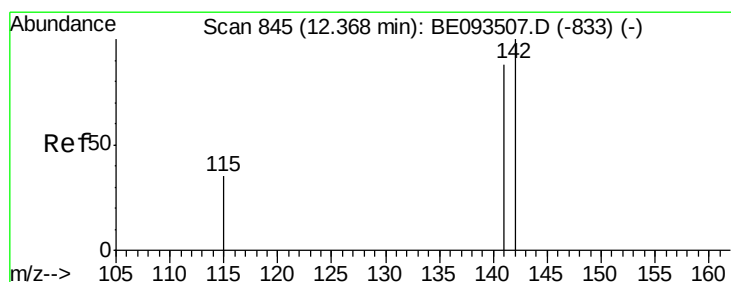
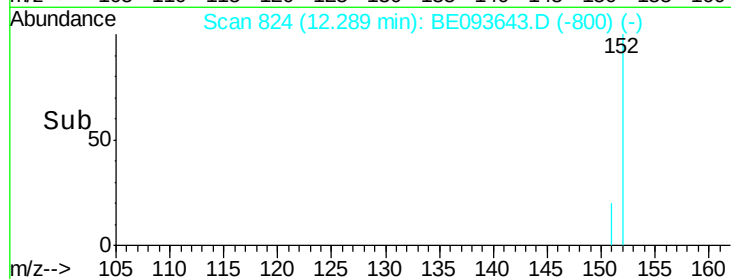
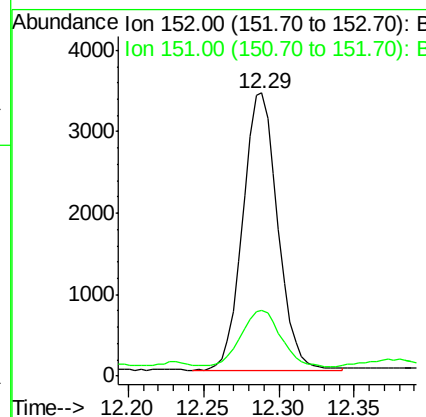
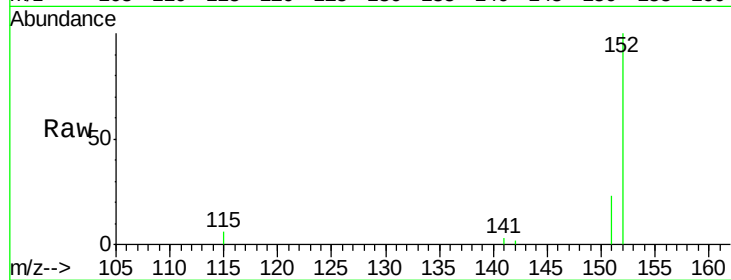
152 100

151 23.0 15.1 22.7#

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#12

2-Methylnaphthalene

Concen: 0.601 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

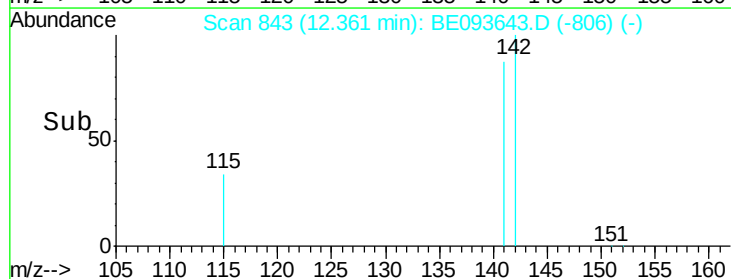
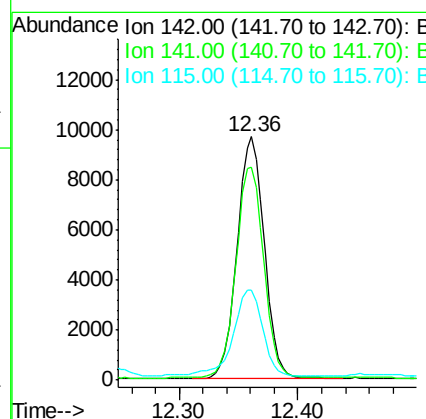
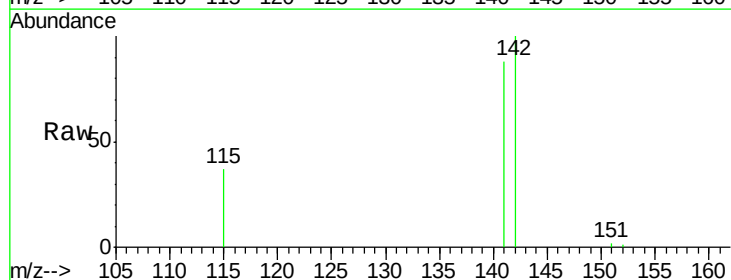
Tgt Ion:142 Resp: 15448

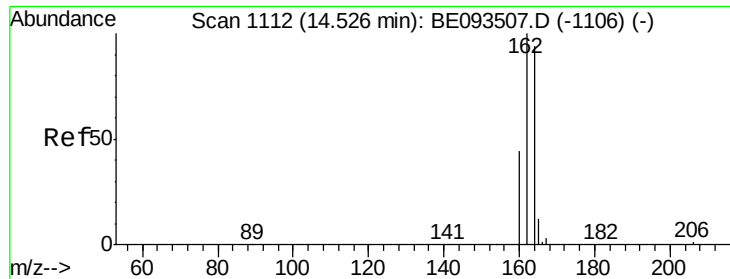
Ion Ratio Lower Upper

142 100

141 87.7 72.6 108.8

115 37.1 32.2 48.2





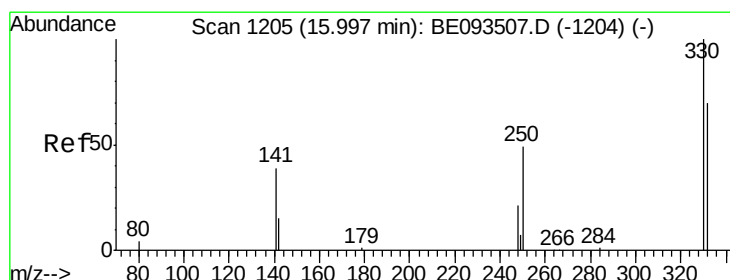
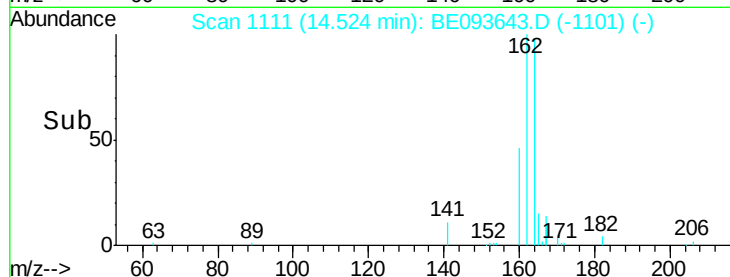
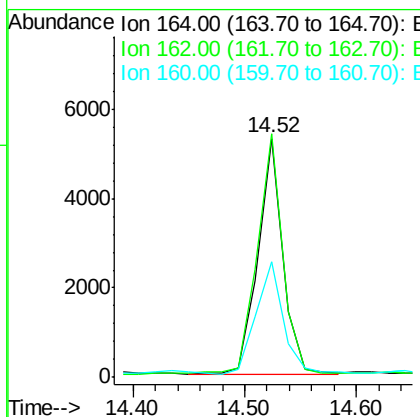
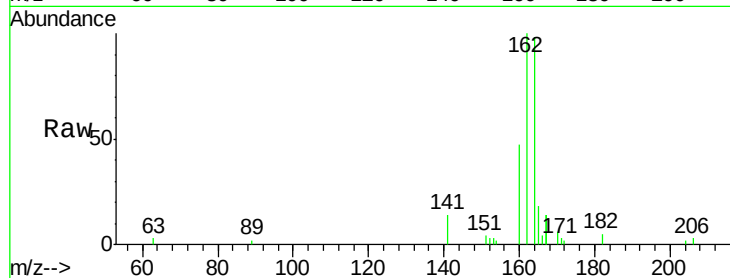
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	84.6	127.0	
160	48.3	41.8	62.6	

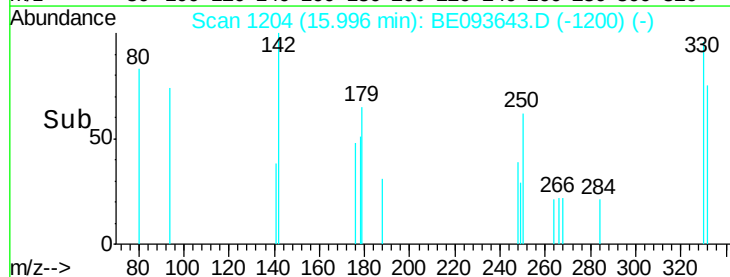
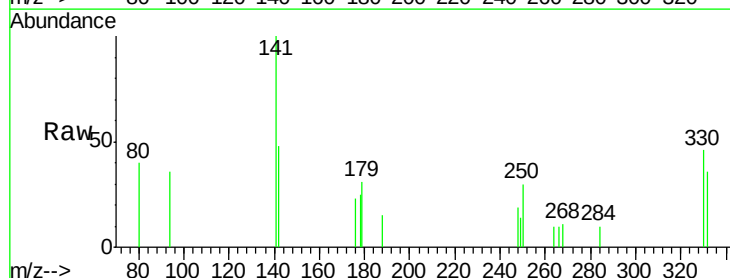
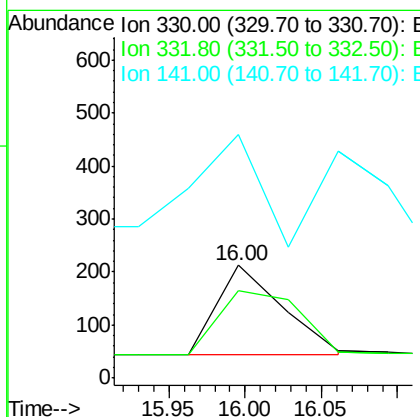
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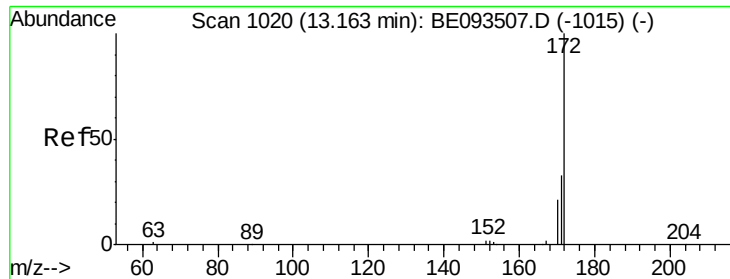
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#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 16.00 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	90.2	77.7	116.5	
141	125.0	56.2	84.4#	





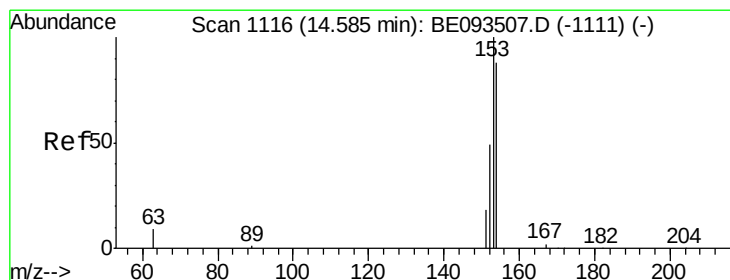
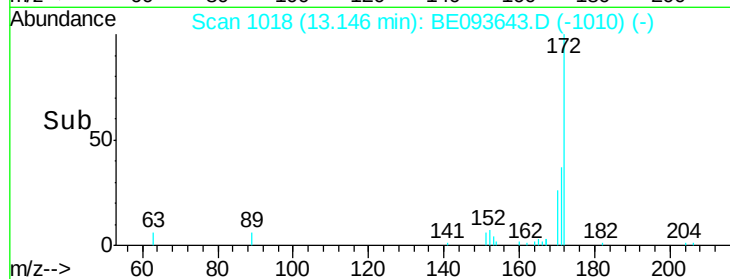
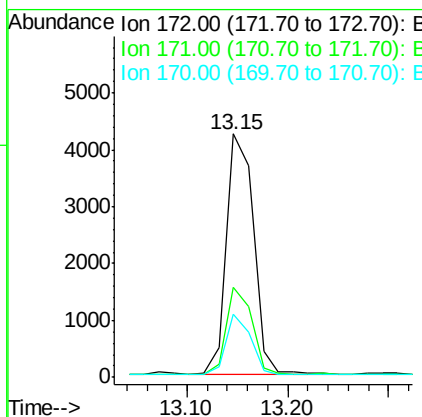
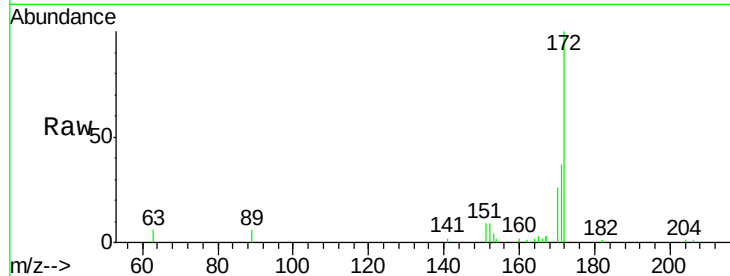
#15
2-Fluorobiphenyl
Concen: 0.243 ng
RT: 13.15 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampled :
CSSB-30-2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.8	20.7	31.1

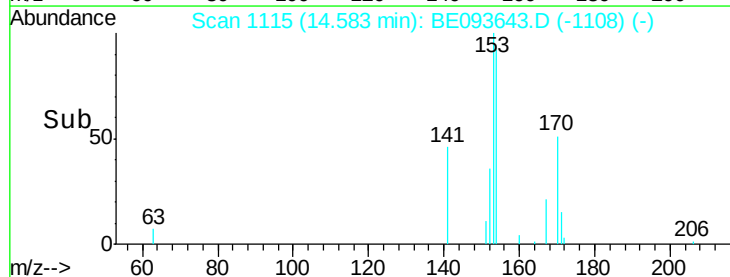
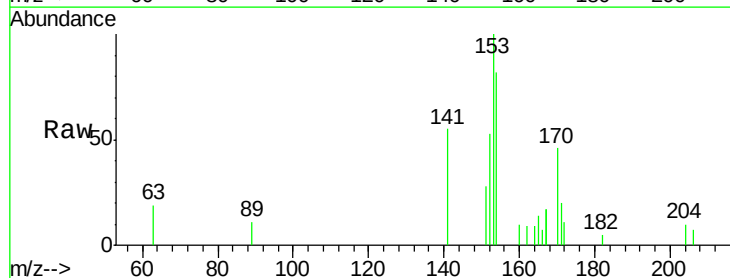
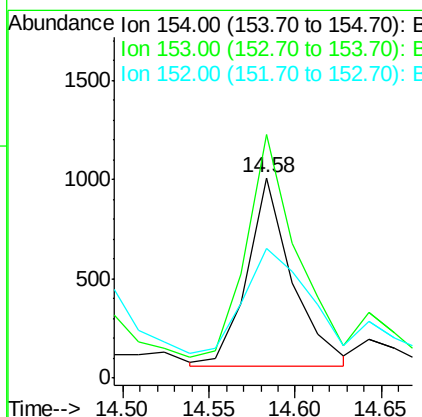
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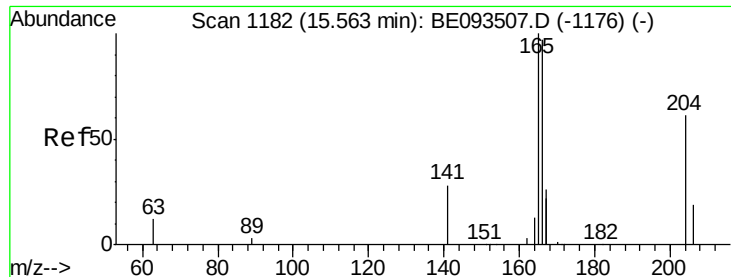
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#17
Acenaphthene
Concen: 0.063 ng m
RT: 14.58 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

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





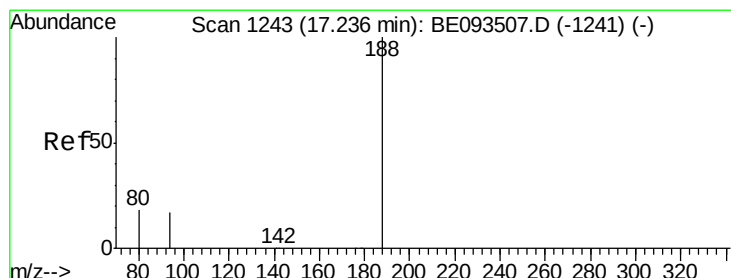
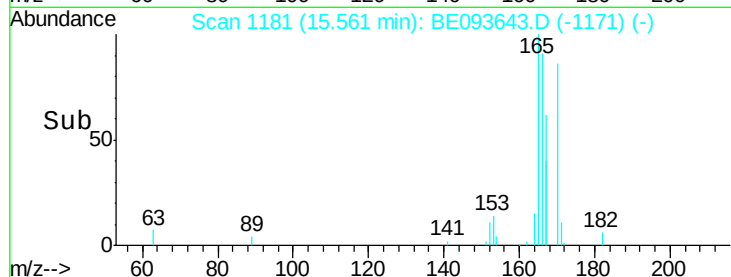
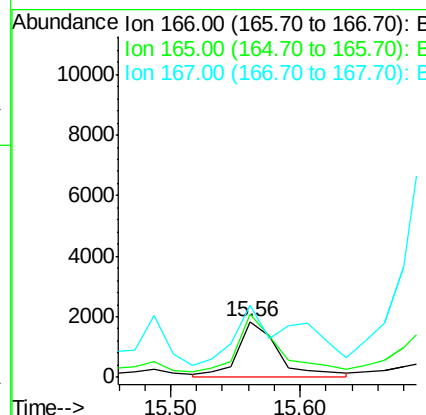
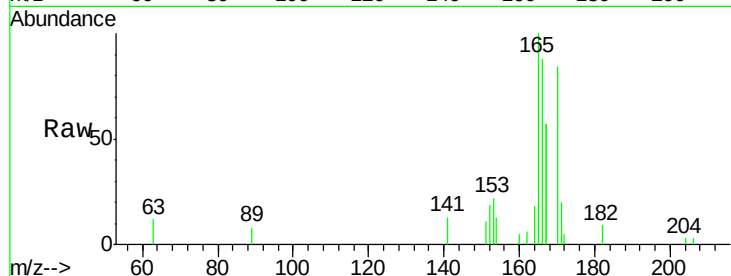
#18
Fluorene
 Concen: 0.112 ng m
 RT: 15.56 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-2

Tgt Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.6	117.8#
167	0.0	11.1	16.7#

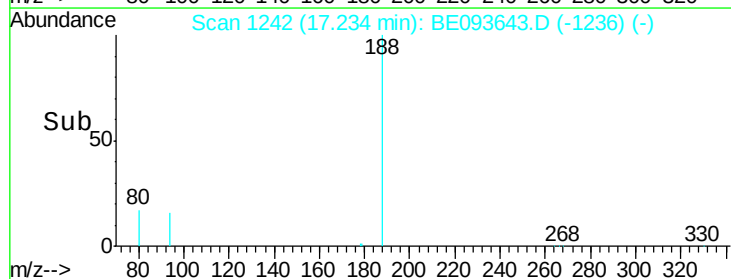
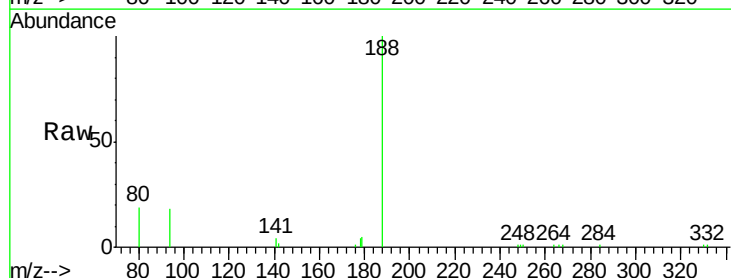
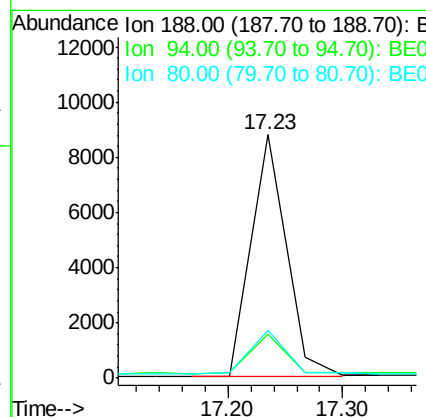
Manual Integrations
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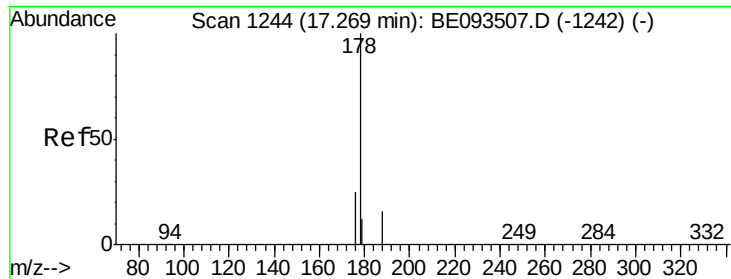
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#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	17.8	11.3	16.9#
80	19.5	11.7	17.5#





#23

Phenanthrene

Concen: 0.224 ng

RT: 17.27 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

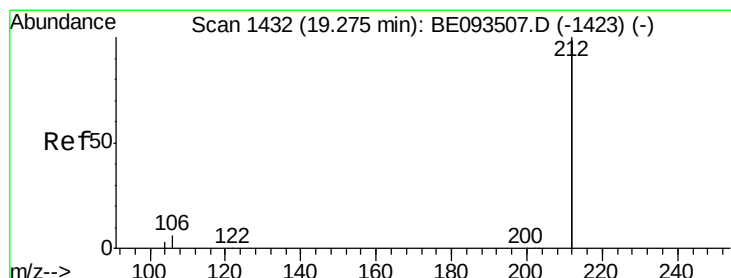
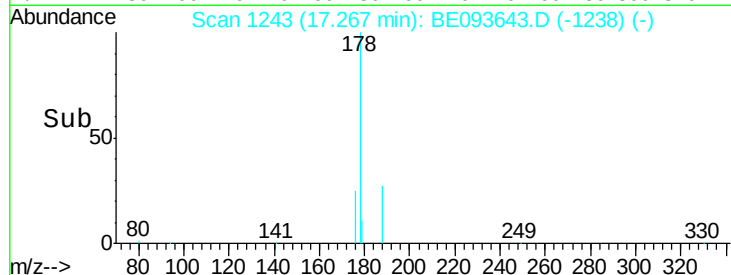
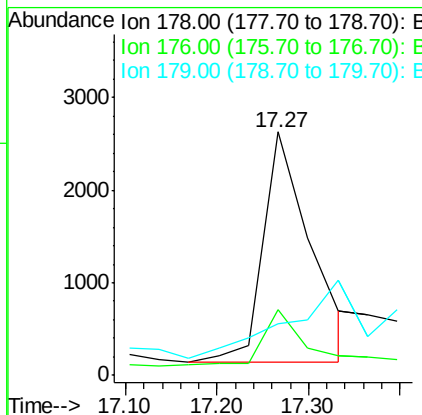
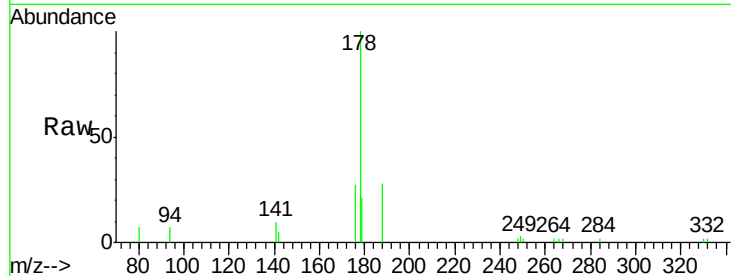
ClientSampleId :

CSSB-30-2

Tgt Ion:	178	Resp:	9091
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.0	22.4
179	0.0	12.7	19.1#

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#25

Fluoranthene-d10

Concen: 0.275 ng

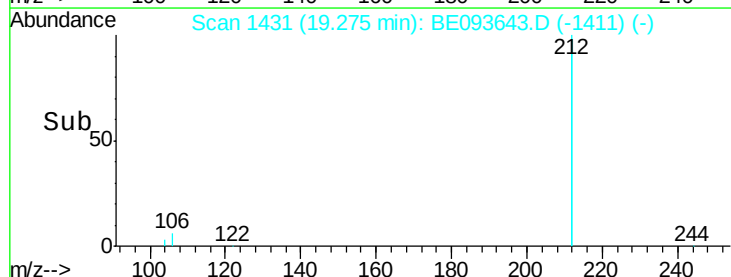
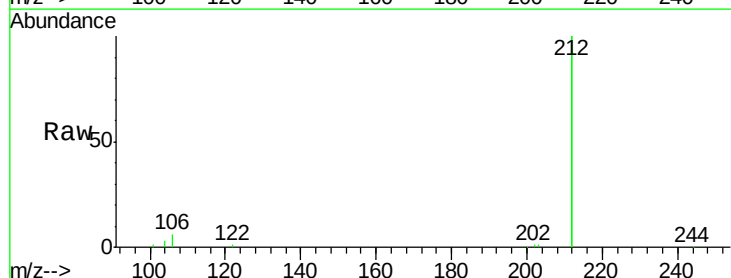
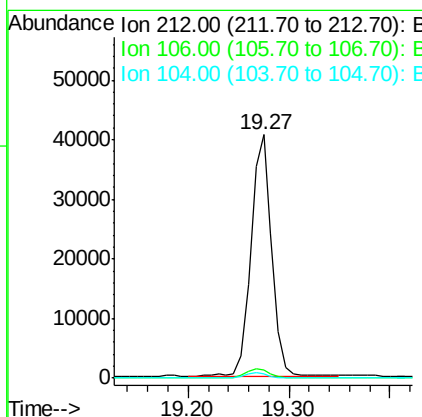
RT: 19.27 min Scan# 1431

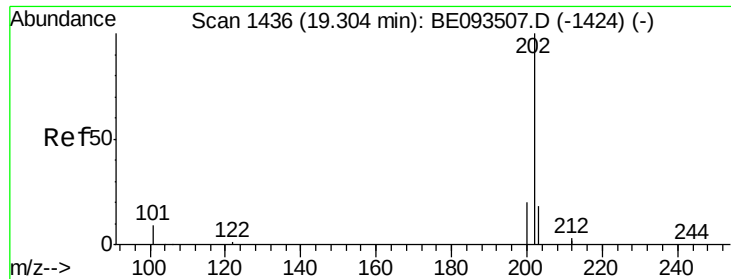
Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Tgt Ion:	212	Resp:	57679
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.4	3.6
104	2.1	1.6	2.4





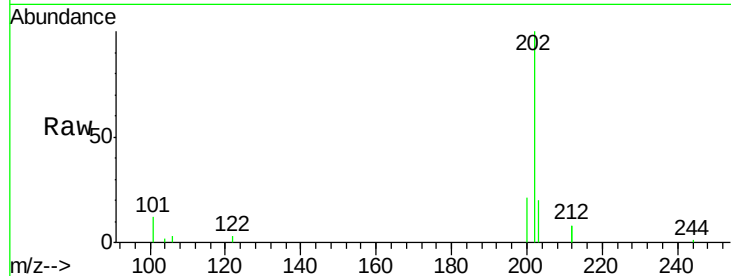
#26
 Fluoranthene
 Concen: 0.091 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-2

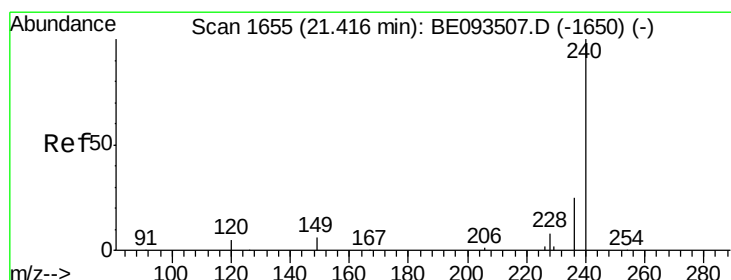
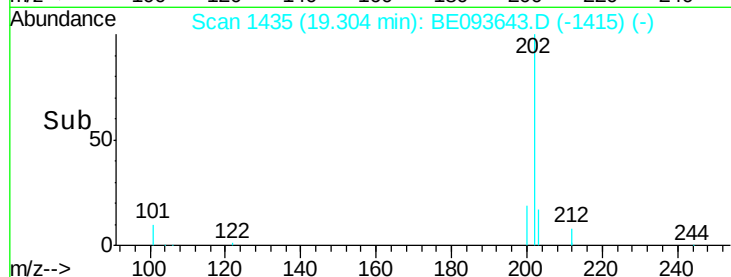
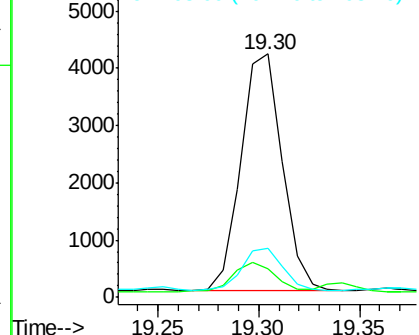
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.6	14.4
203	17.4	14.4	21.6

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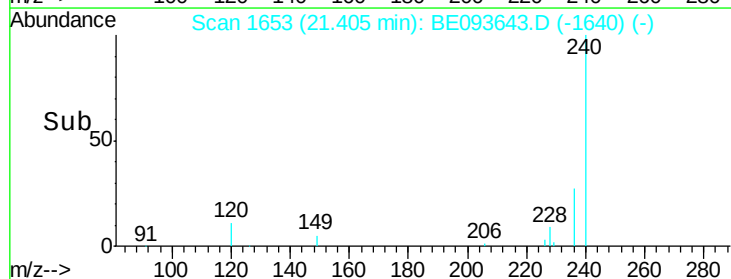
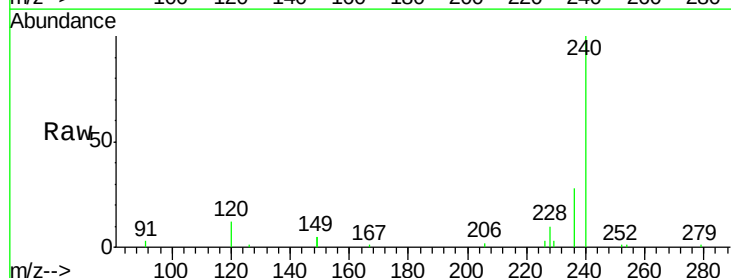
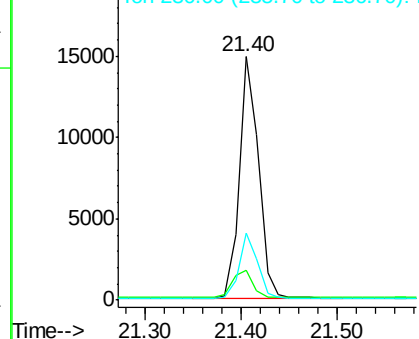
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

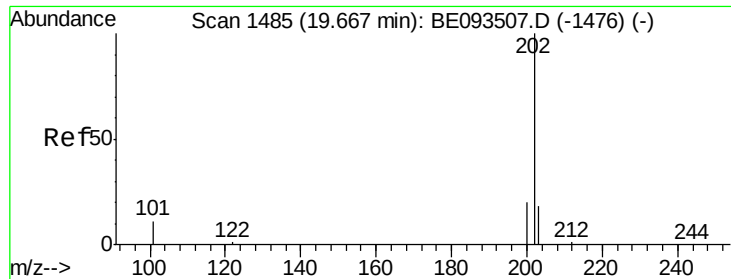


#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	4.6	7.0#
236	27.7	20.8	31.2

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





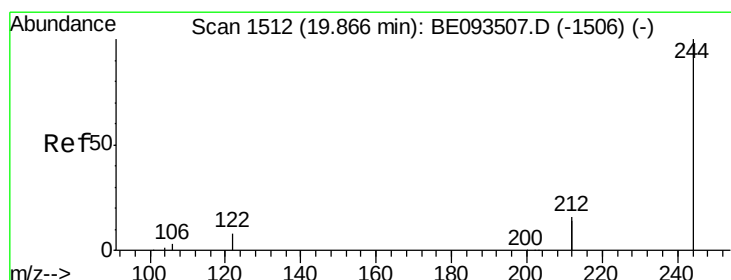
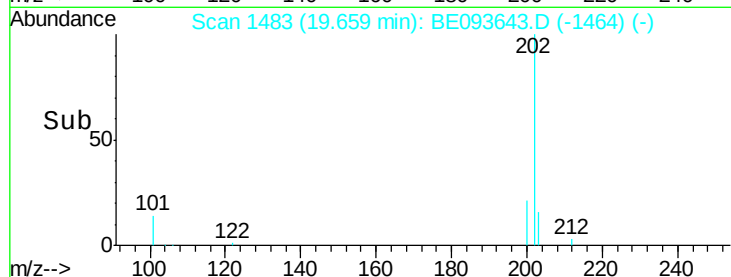
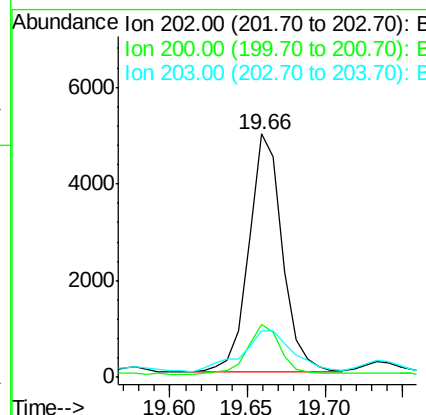
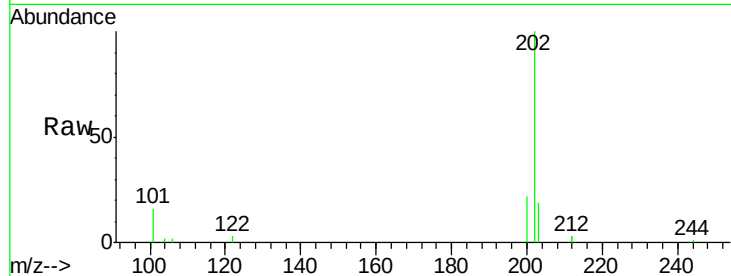
#28
 Pyrene
 Concen: 0.109 ng
 RT: 19.66 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.6	0.0	0.0#
203	25.7	13.7	20.5#

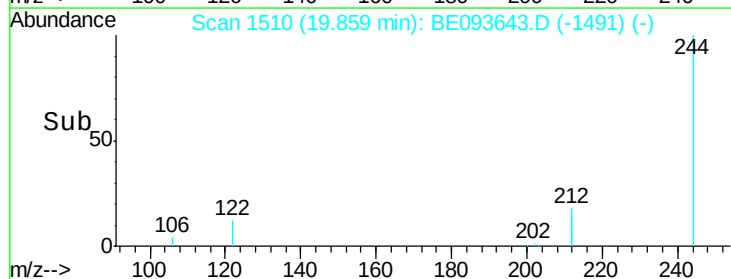
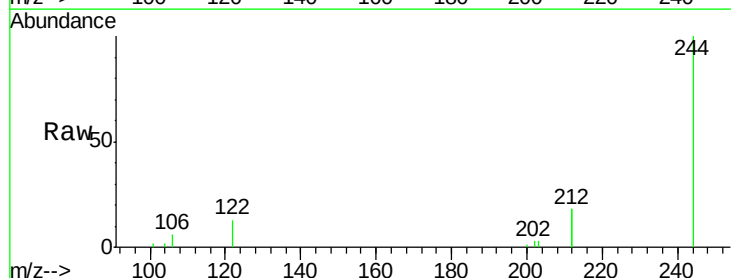
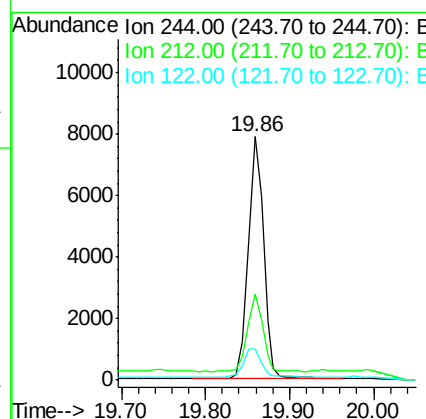
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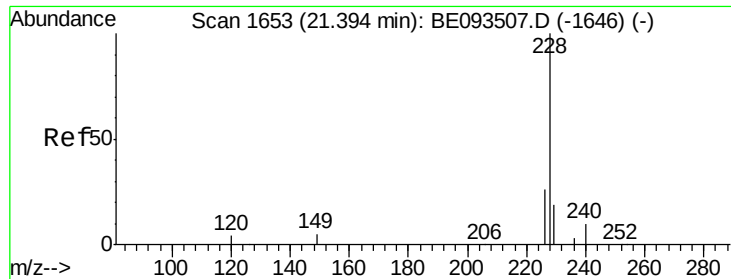
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#29
 Terphenyl-d14
 Concen: 0.260 ng
 RT: 19.86 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	35.5	10.6	16.0#
122	12.8	15.4	23.0#





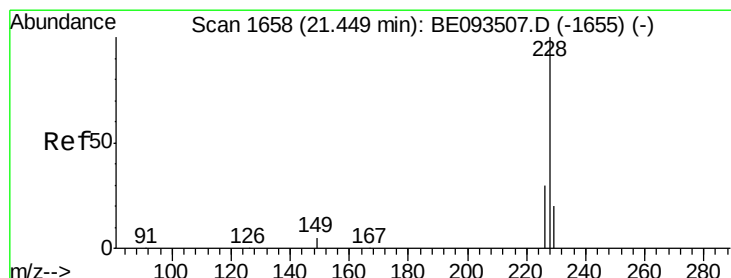
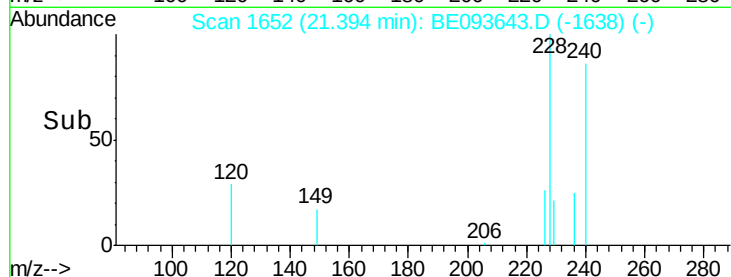
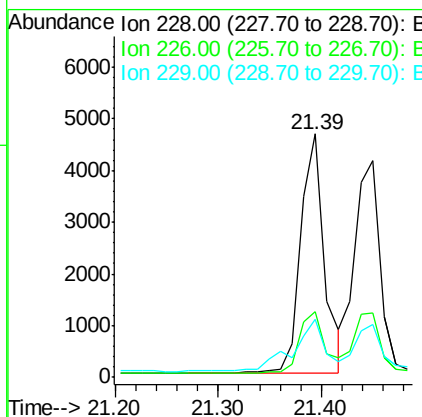
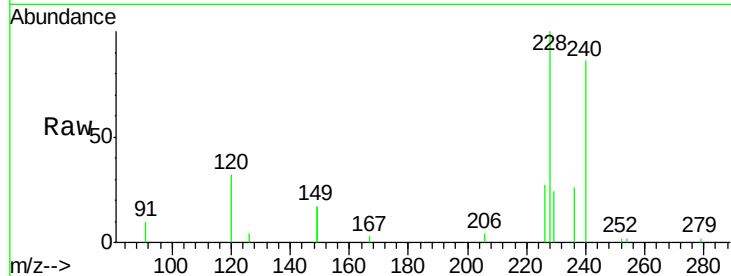
#30
Benzo(a)anthracene
Concen: 0.120 ng
RT: 21.39 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	19.7	29.5
229	23.8	19.2	28.8

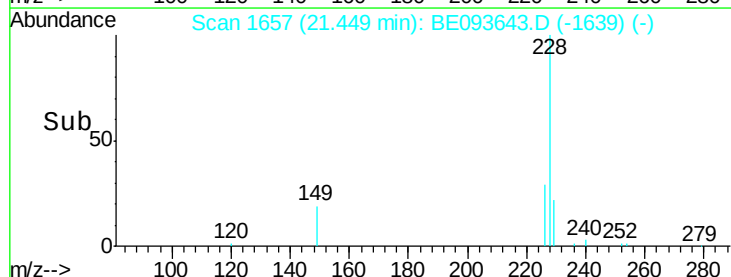
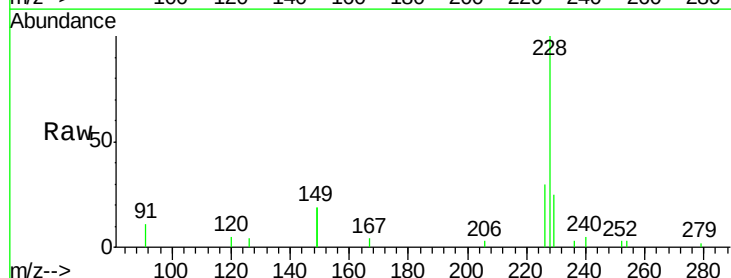
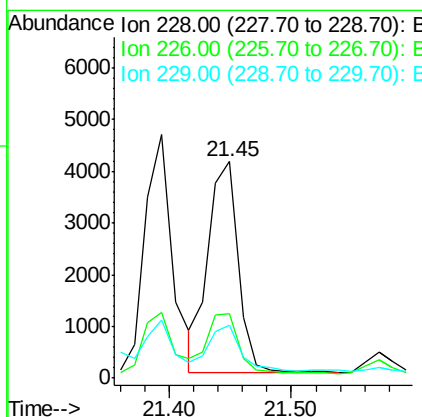
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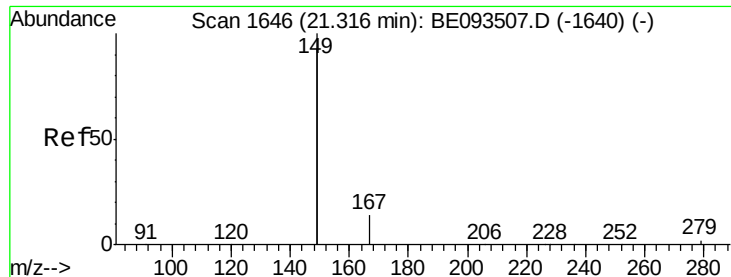
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#31
Chrysene
Concen: 0.101 ng
RT: 21.45 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.5	32.3
229	24.6	18.6	28.0





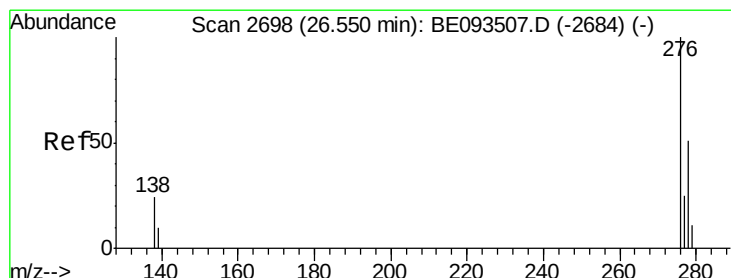
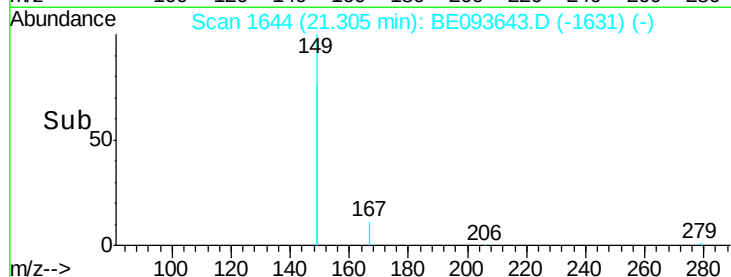
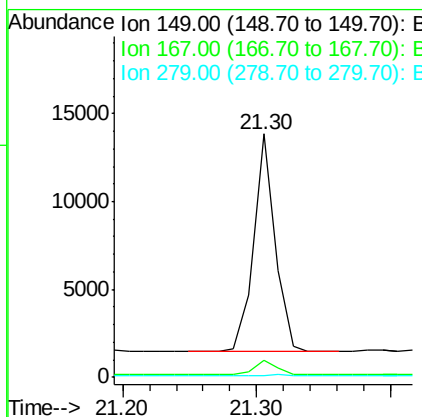
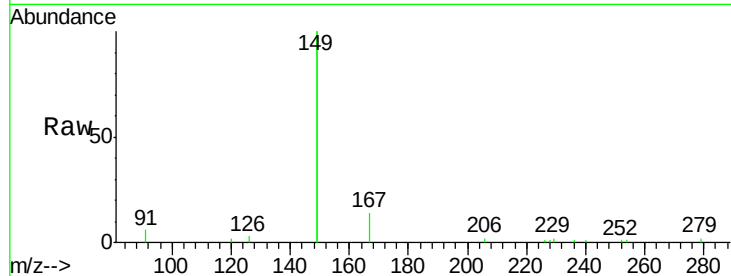
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.164 ng
 RT: 21.30 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	7.2	4.8	7.2
279	1.0	0.8	1.2

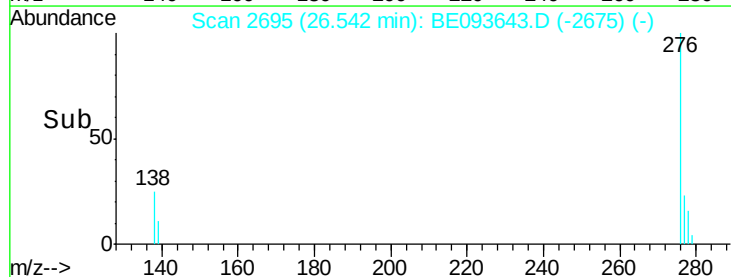
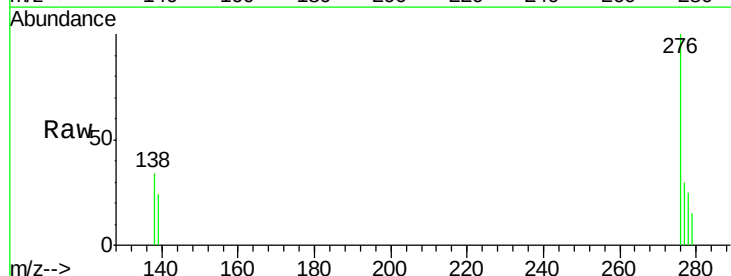
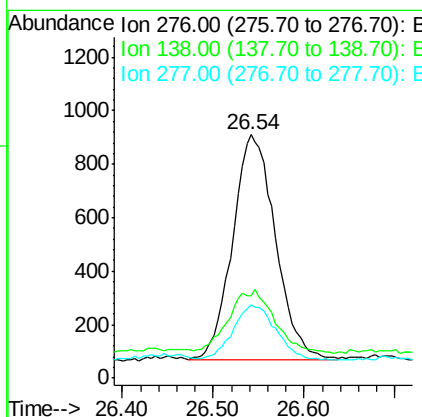
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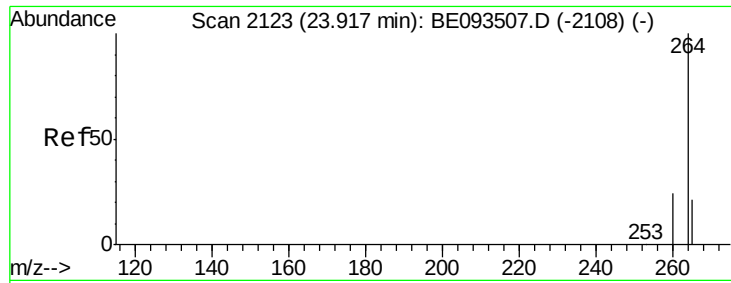
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#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.044 ng
 RT: 26.54 min Scan# 2695
 Delta R.T. -0.01 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.9	27.4	41.2
277	24.5	20.1	30.1





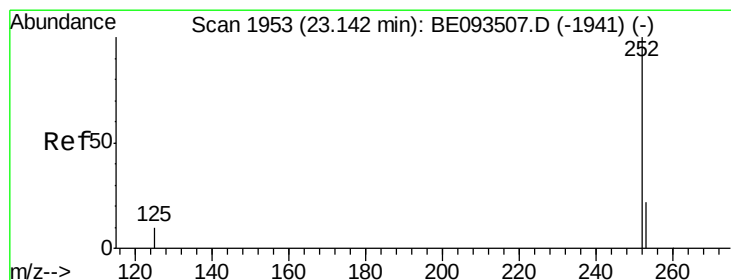
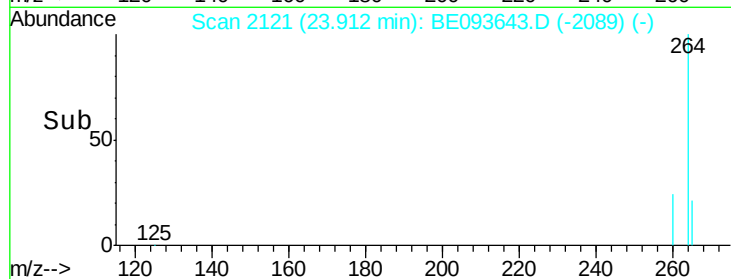
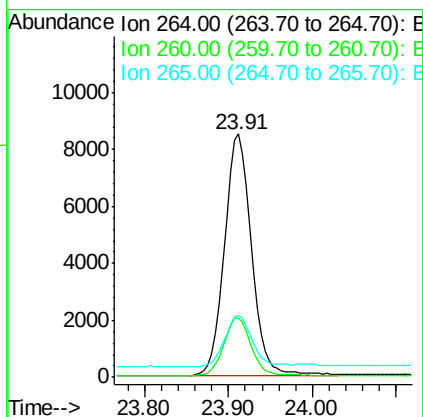
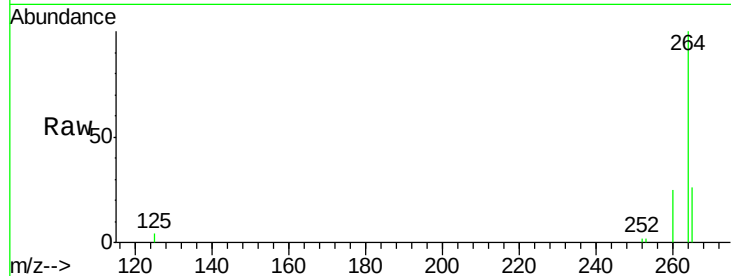
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-2

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	18837		
260	24.6	21.0	31.4	
265	25.5	24.6	36.8	

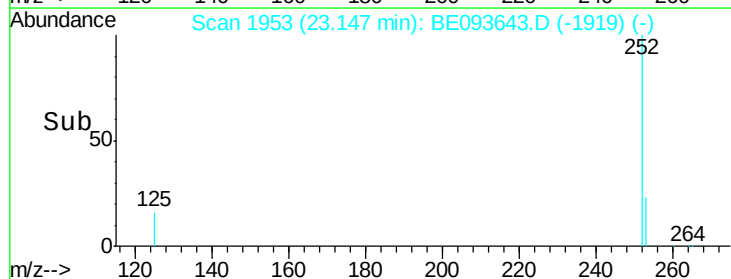
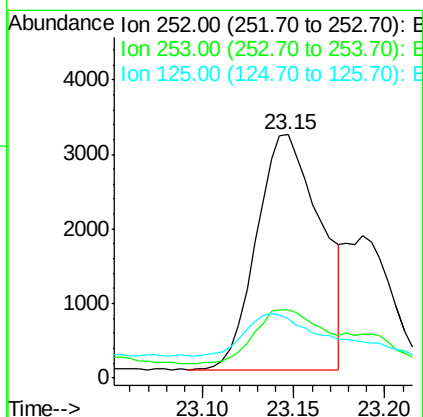
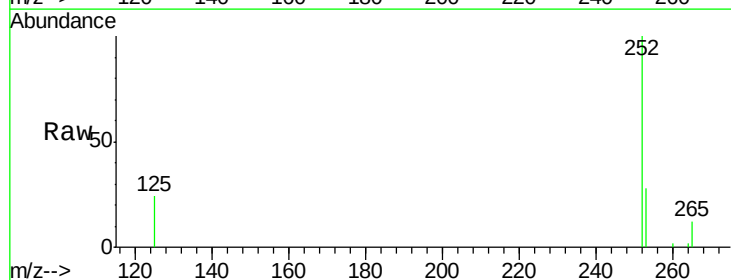
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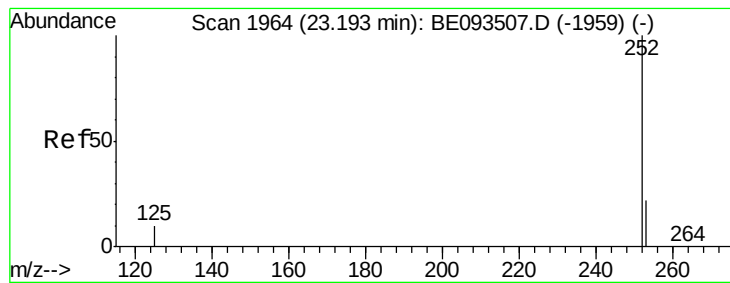
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#35
 Benzo(b)fluoranthene
 Concen: 0.115 ng
 RT: 23.15 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	7707		
253	28.2	18.5	27.7#	
125	24.2	13.4	20.0#	





#36

Benzo(k)fluoranthene

Concen: 0.050 ng m

RT: 23.19 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

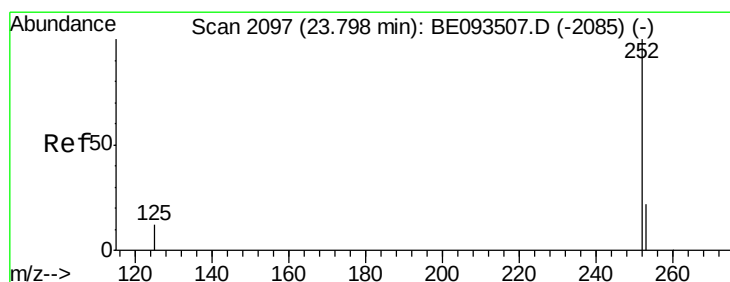
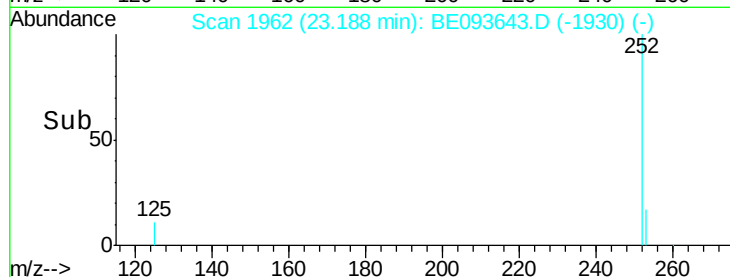
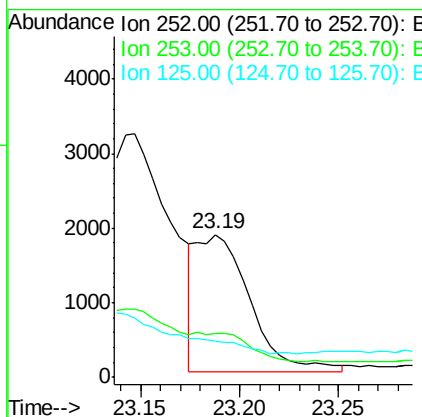
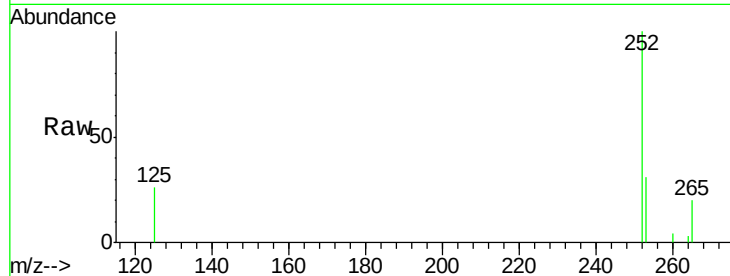
ClientSampleId :

CSSB-30-2

Tgt Ion:	252	Resp:	3411
Ion Ratio	Lower	Upper	
252	100		
253	31.2	20.3	30.5#
125	25.8	12.2	18.4#

Manual Integrations
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#37

Benzo(a)pyrene

Concen: 0.067 ng

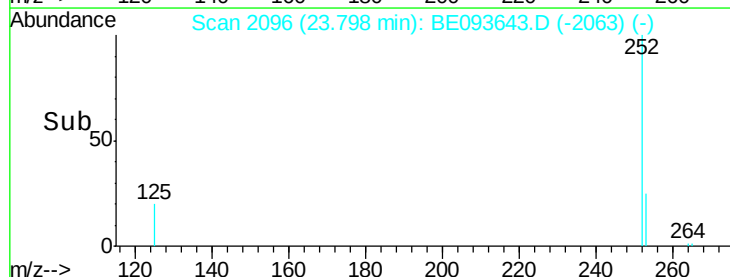
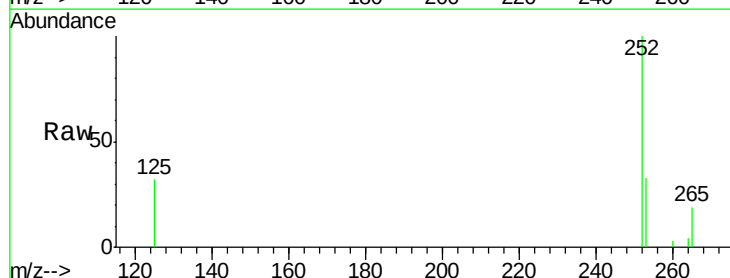
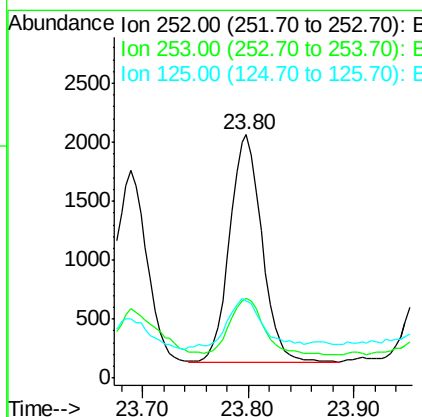
RT: 23.80 min Scan# 2096

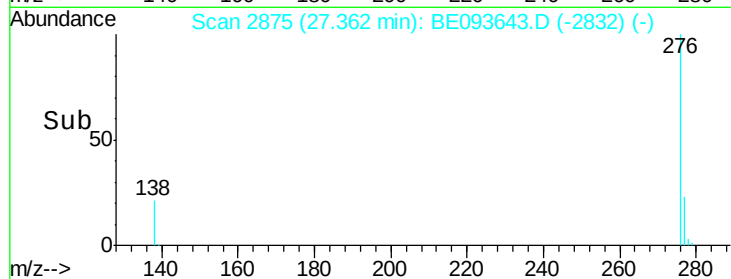
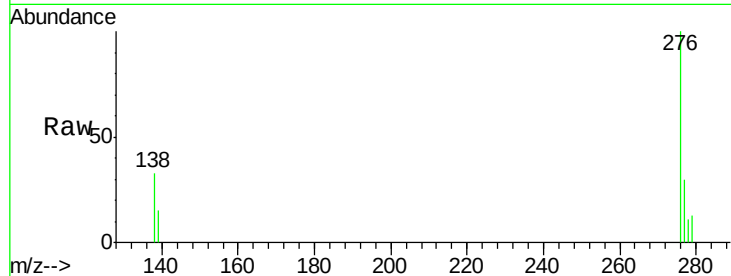
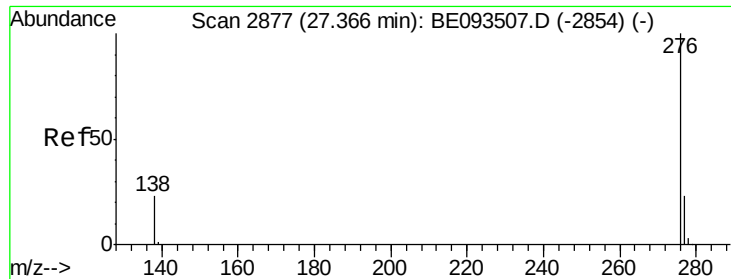
Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Tgt Ion:	252	Resp:	4091
Ion Ratio	Lower	Upper	
252	100		
253	32.9	19.9	29.9#
125	31.9	14.6	21.8#





#39

Benzo(g,h,i)perylene

Concen: 0.040 ng

RT: 27.36 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2

Tgt	Ion	Ratio	Resp:	Lower	Upper
276	100		2406		
277	30.3	21.2	31.8		
138	33.0	24.5	36.7		

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