

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
 Data File : BE093655.D
 Acq On : 3 Aug 2017 13:19
 Operator : SJ/JU
 Sample : I4425-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-29-2

Manual Integrations
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Quant Time: Aug 04 04:38:22 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	2813	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	14660	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	8635	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	22452	0.40	ng	0.00
27) Chrysene-d12	21.40	240	22406	0.40	ng	-0.01
34) Perylene-d12	23.91	264	20119	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2863	0.34	ng	0.00
5) Phenol-d6	7.09	99	4439	0.35	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3417	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6165	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	528	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8800	0.25	ng	-0.02
25) Fluoranthene-d10	19.27	212	62270	0.24	ng	0.00
29) Terphenyl-d14	19.86	244	10832	0.27	ng	0.00

Target Compounds				Qvalue		
16) Acenaphthylene	14.24	152	869	0.021	ng	# 54
23) Phenanthrene	17.27	178	10888	0.221	ng	96
24) Anthracene	17.37	178	3428	0.051	ng	# 82
26) Fluoranthene	19.30	202	81266	1.034	ng	99
28) Pyrene	19.66	202	75175	1.038	ng	# 88
30) Benzo(a)anthracene	21.39	228	46329	0.703	ng	96
31) Chrysene	21.45	228	38197	0.520	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	14791	0.165	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	18448	0.277	ng	# 90
35) Benzo(b)fluoranthene	23.14	252	46815	0.652	ng	# 90
36) Benzo(k)fluoranthene	23.19	252	15791m	0.215	ng	
37) Benzo(a)pyrene	23.80	252	32191	0.495	ng	96
38) Dibenzo(a,h)anthracene	26.55	278	4994	0.080	ng	# 90
39) Benzo(g,h,i)perylene	27.36	276	17524	0.275	ng	94

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

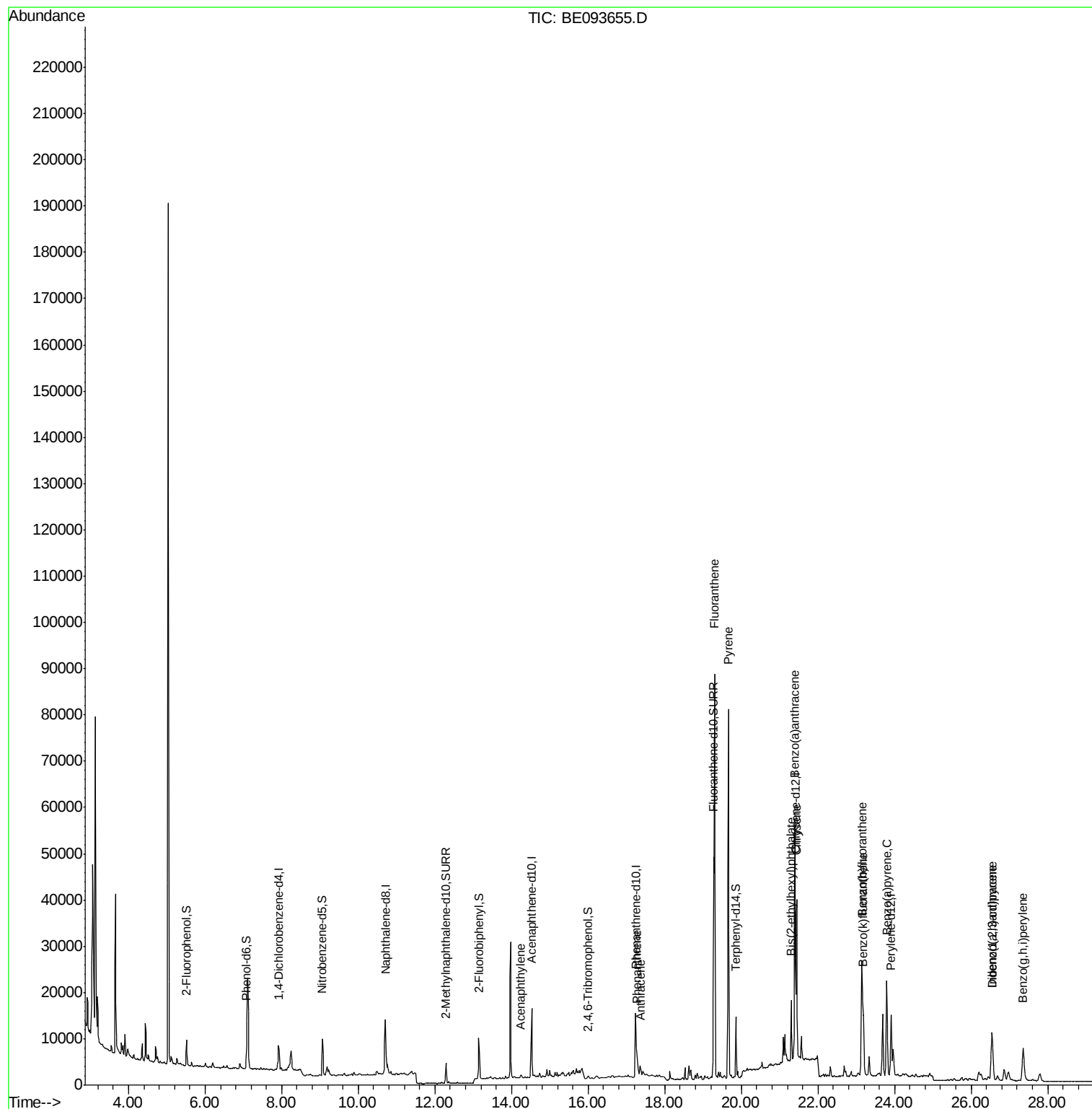
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
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ALS Vial : 8 Sample Multiplier: 1

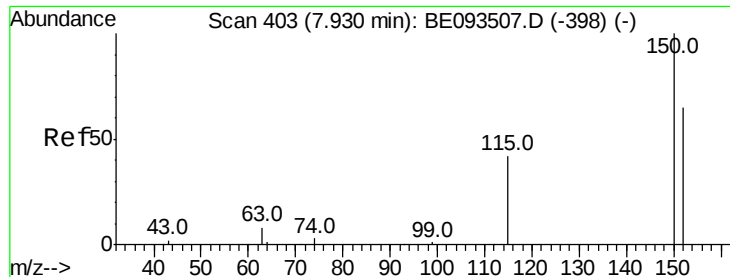
Instrument :
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ClientSampleId :
CSSB-29-2

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
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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: BE093655.D

Acq: 3 Aug 2017 13:19

Instrument :

BNA_E

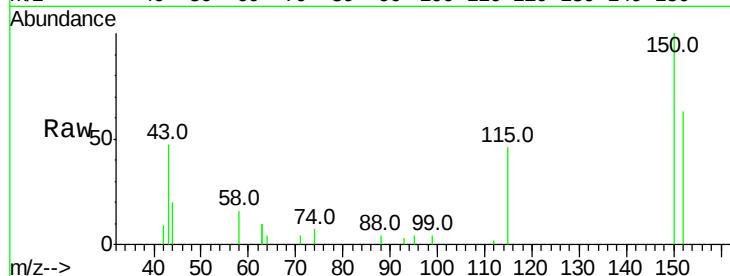
ClientSampled :

CSSB-29-2

Tot Ion:	152	Resp:	2813
Ion Ratio	Lower	Upper	
152	100		
150	160.0	125.1	187.7
115	74.0	55.7	83.5

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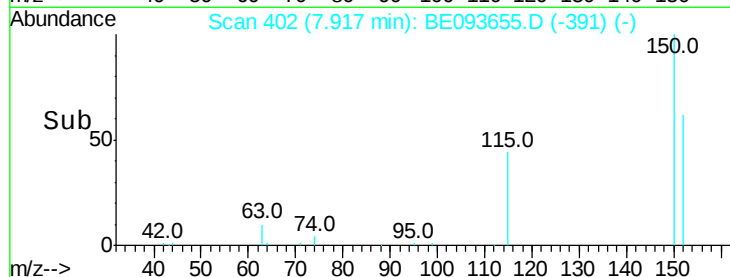


Abundance Ion 152.00 (151.70 to 152.70): E

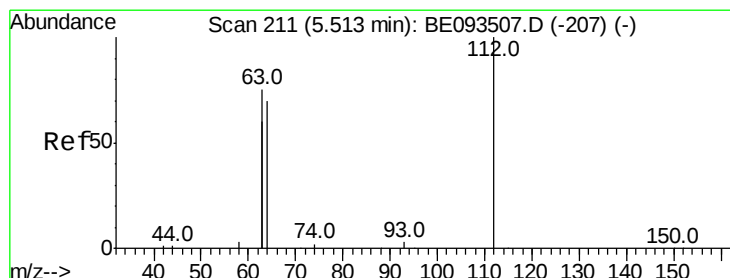
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#4

2-Fluorophenol

Concen: 0.342 ng

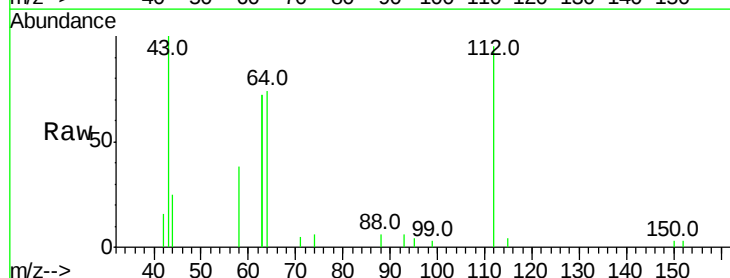
RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093655.D

Acq: 3 Aug 2017 13:19

Tgt Ion:	112	Resp:	2863
Ion Ratio	Lower	Upper	
112	100		
64	71.6	56.4	84.6
63	137.4	29.3	43.9#

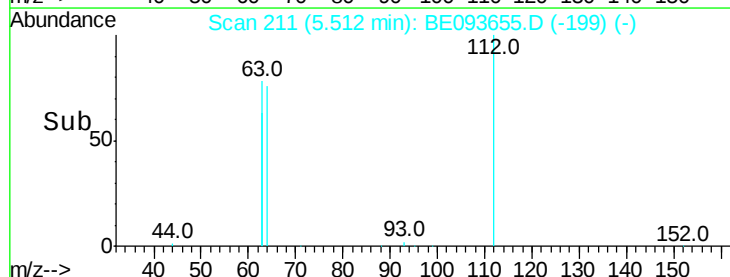


Abundance Ion 112.00 (111.70 to 112.70): E

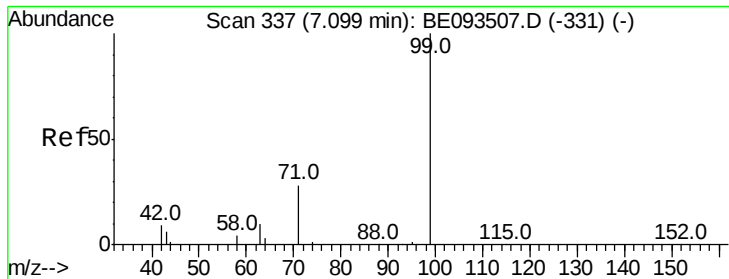
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 0.352 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093655.D

Acq: 3 Aug 2017 13:19

Instrument :

BNA_E

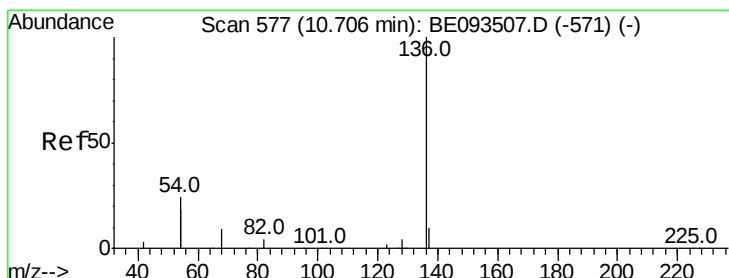
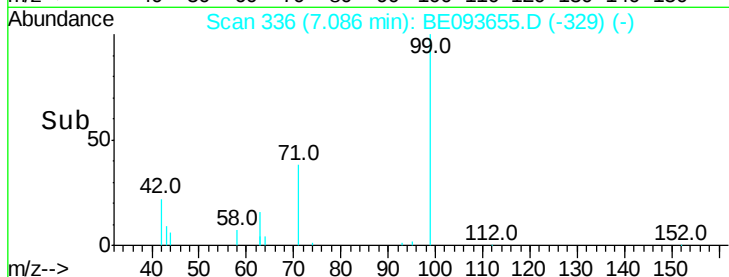
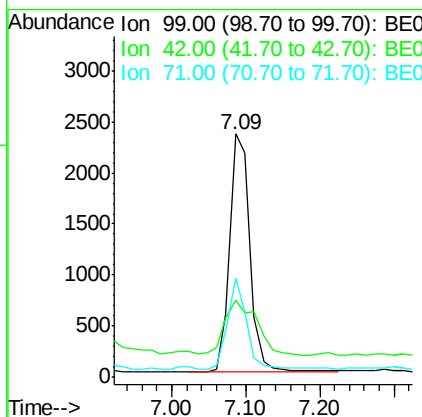
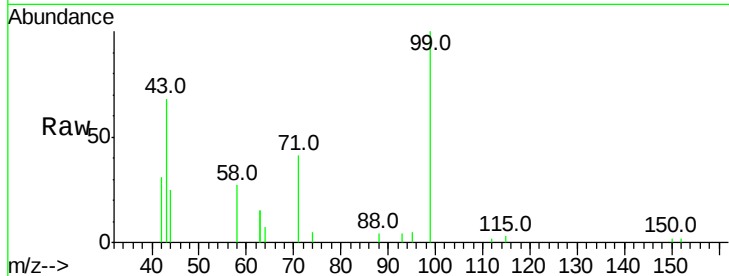
ClientSampleId :

CSSB-29-2

Tot Ion:	99	Resp:	4439
Ion	Ratio	Lower	Upper
99	100		
42	35.5	0.0	0.0#
71	35.2	0.0	0.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

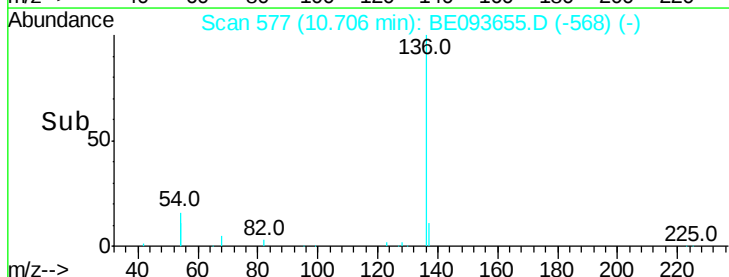
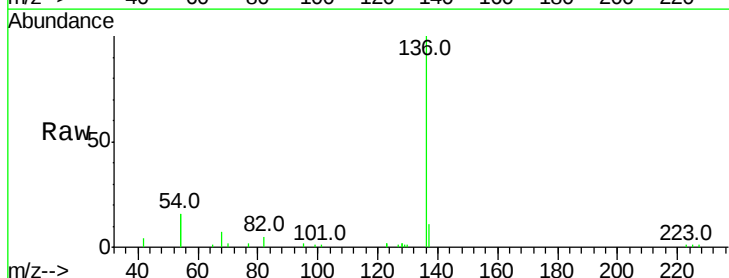
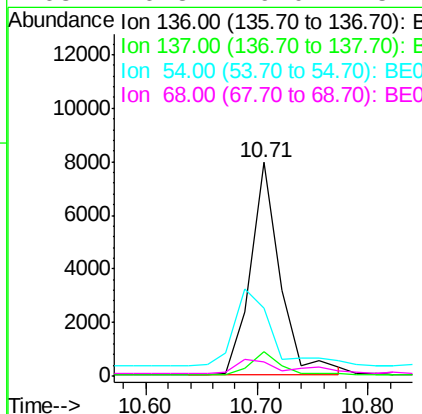
RT: 10.71 min Scan# 577

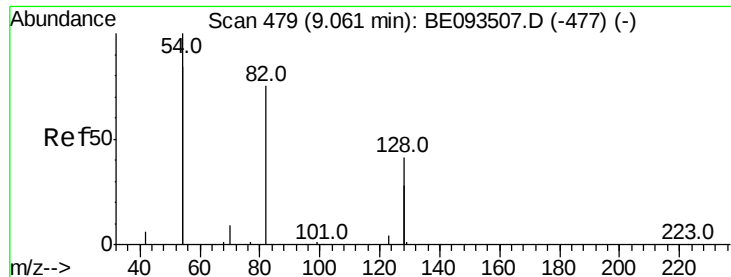
Delta R.T. -0.00 min

Lab File: BE093655.D

Acq: 3 Aug 2017 13:19

Tgt Ion:	136	Resp:	14660
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	32.0	10.3	15.5#
68	6.8	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.305 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093655.D

Acq: 3 Aug 2017 13:19

Instrument :

BNA_E

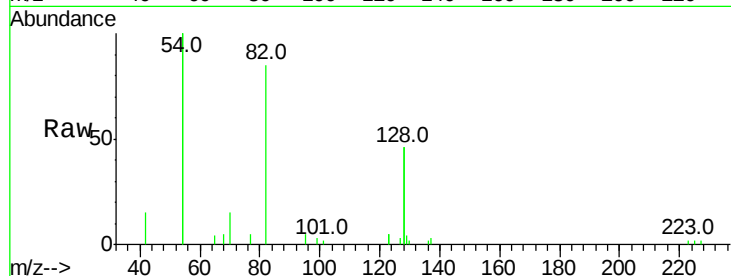
ClientSampled :

CSSB-29-2

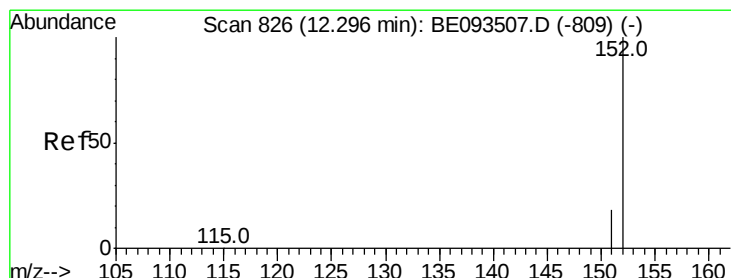
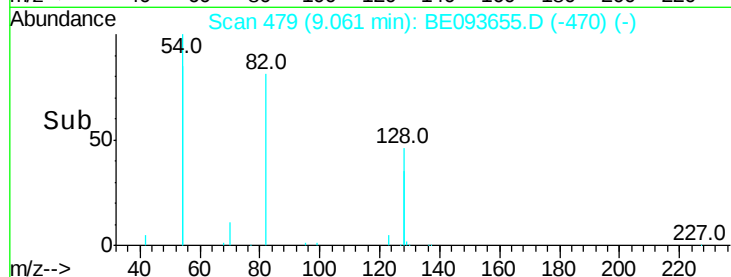
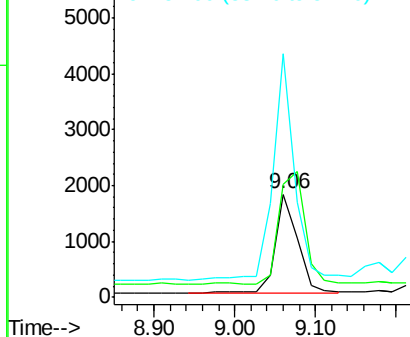
Tot Ion:	82	Resp:	3417
Ion Ratio	Lower	Upper	
82	100		
128	109.0	17.0	25.4#
54	235.7	53.8	80.6#

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Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.266 ng

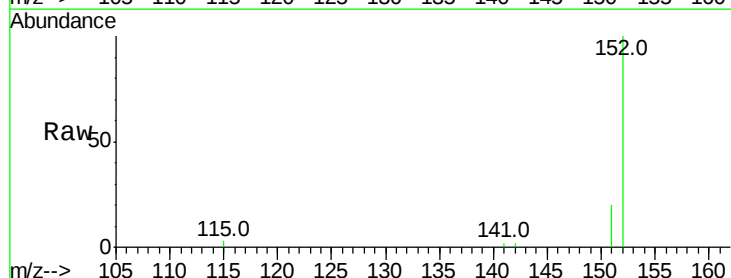
RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

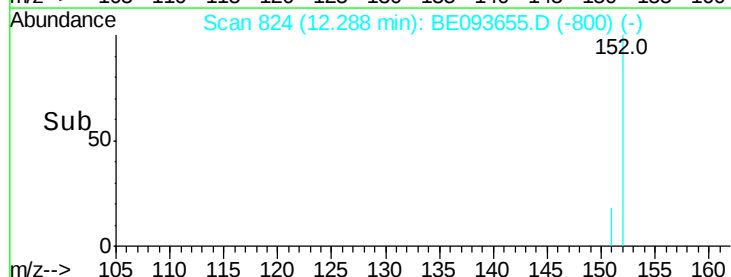
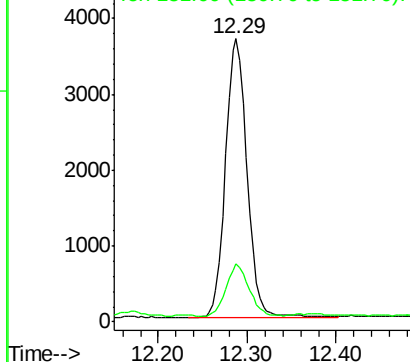
Lab File: BE093655.D

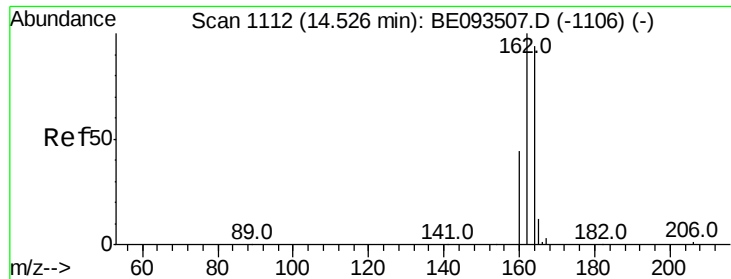
Acq: 3 Aug 2017 13:19

Tgt Ion:	152	Resp:	6165
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.1	22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





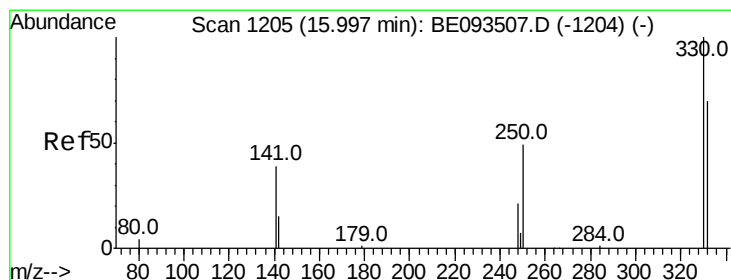
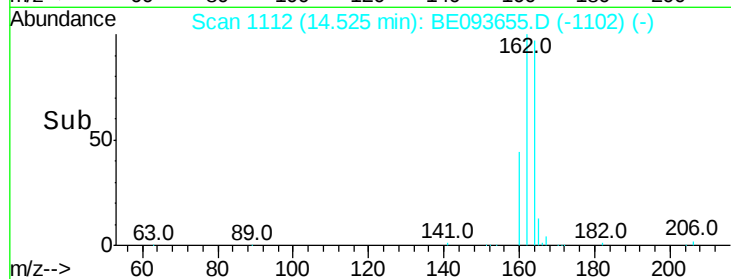
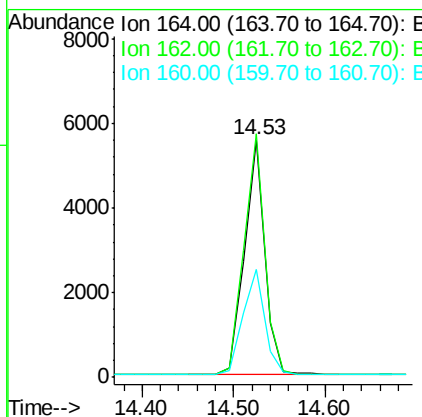
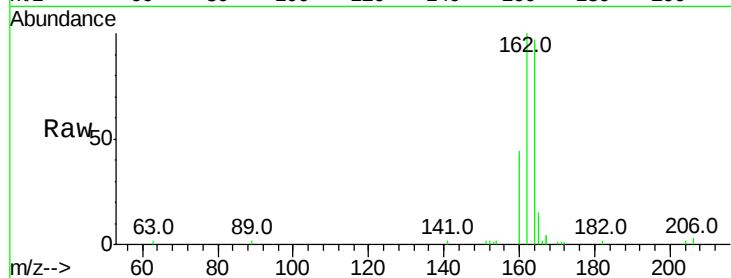
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093655.D
 Acq: 3 Aug 2017 13:19

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-29-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	84.6	127.0
160	45.6	41.8	62.6

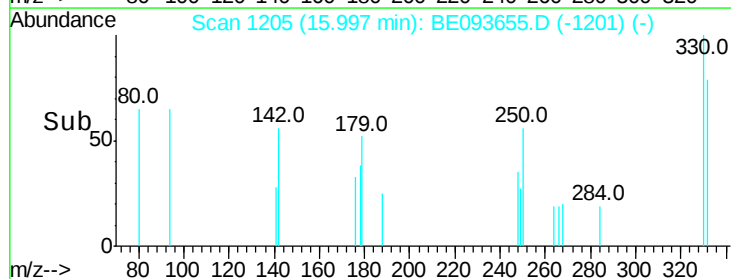
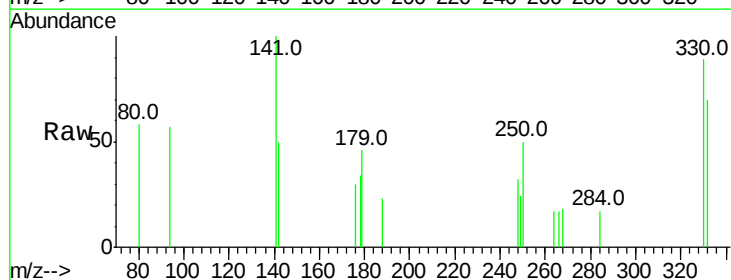
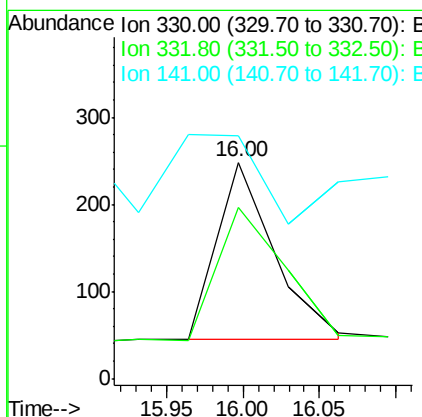
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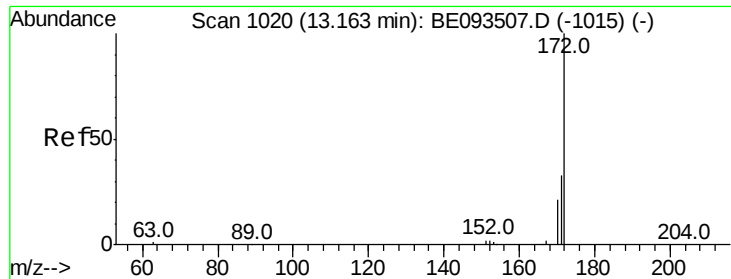
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#14
 2,4,6-Tribromophenol
 Concen: 0.311 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093655.D
 Acq: 3 Aug 2017 13:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	88.1	77.7	116.5
141	0.0	56.2	84.4#





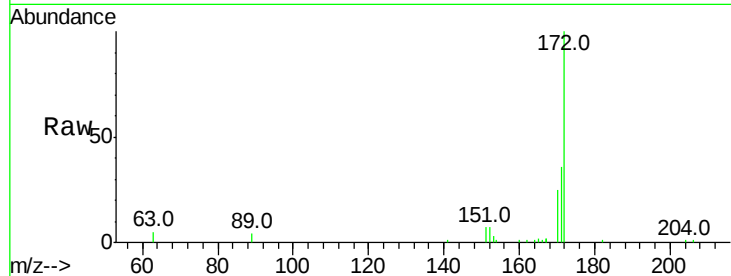
#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :
CSSB-29-2

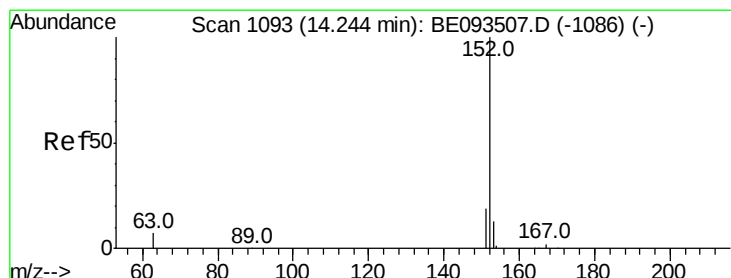
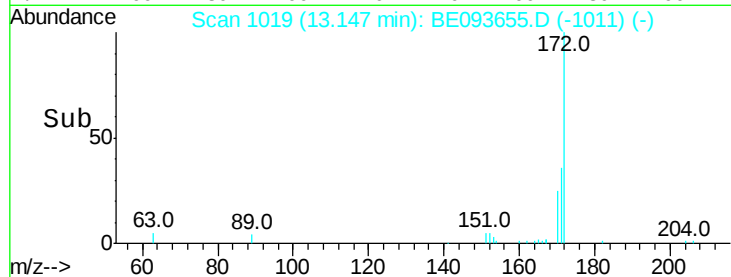
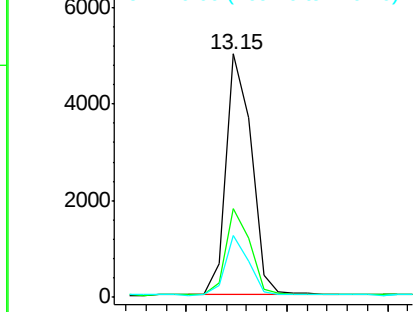
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	25.3	20.7	31.1

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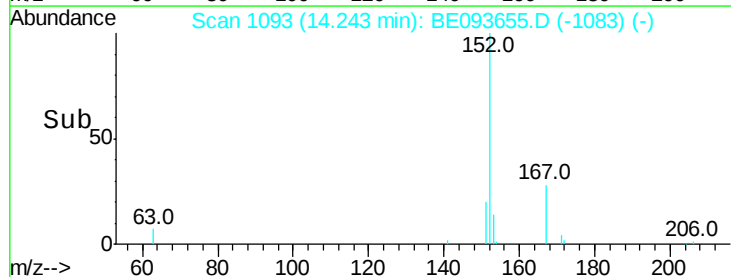
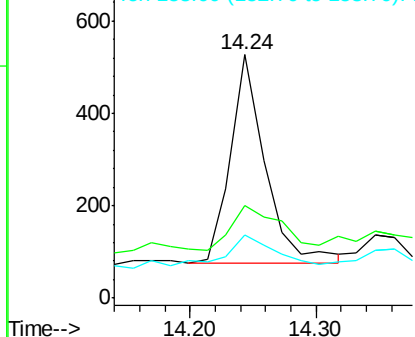
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

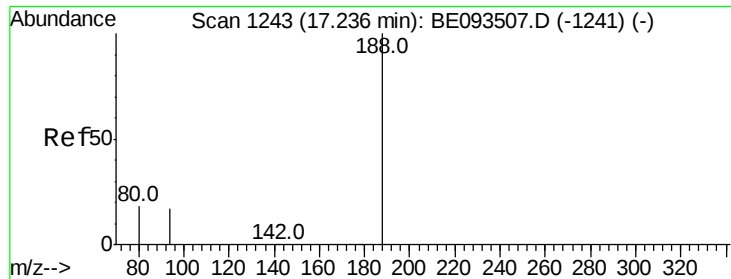


#16
Acenaphthylene
Concen: 0.021 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	30.3	4.0	6.0#
153	26.6	10.3	15.5#

Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





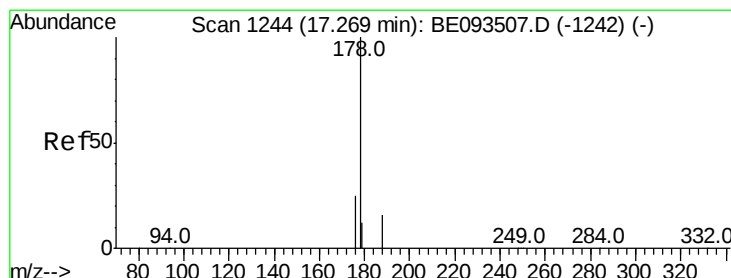
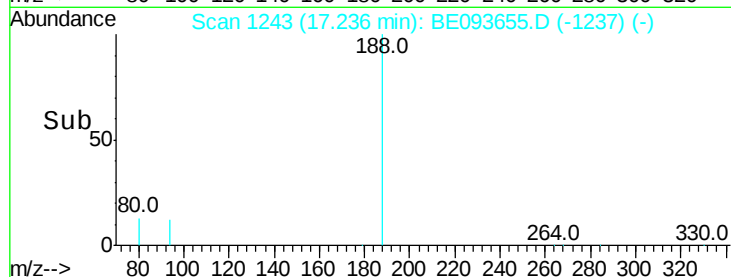
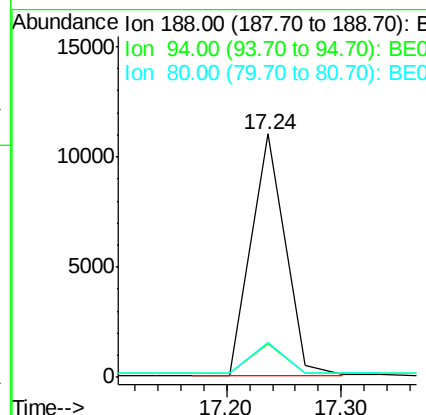
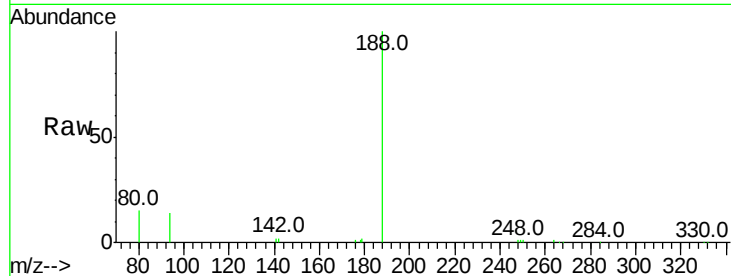
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampled :
CSSB-29-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	22452		
94	14.0		11.3	16.9
80	14.6		11.7	17.5

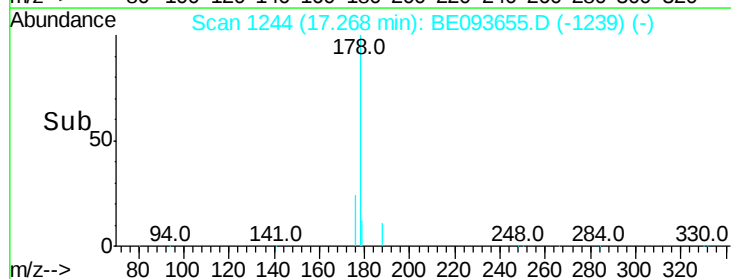
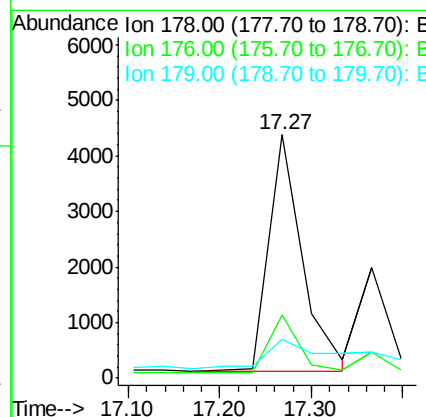
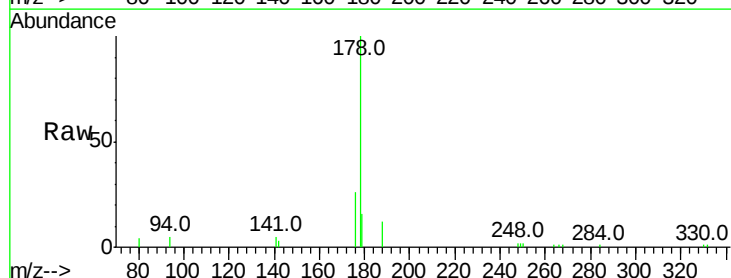
Manual Integrations
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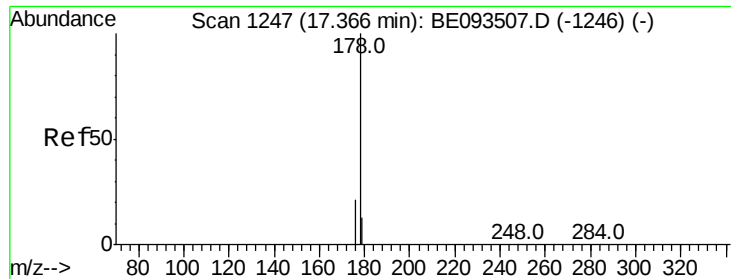
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#23
Phenanthrene
Concen: 0.221 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	10888		
176	22.0		15.0	22.4
179	16.1		12.7	19.1





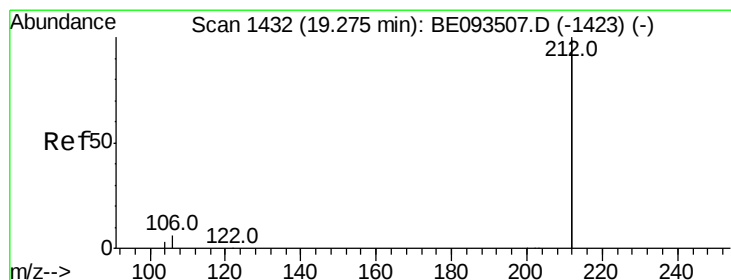
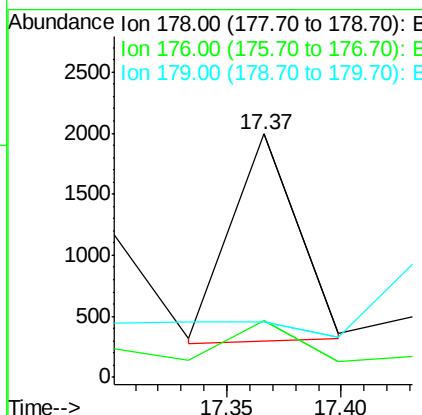
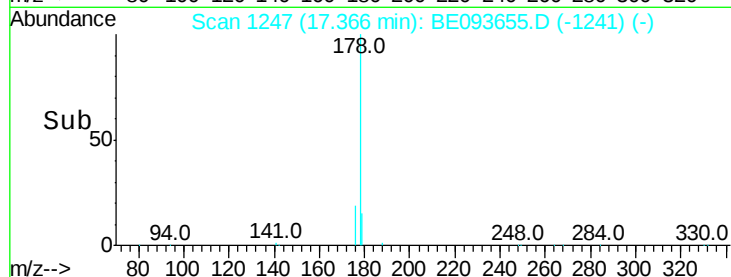
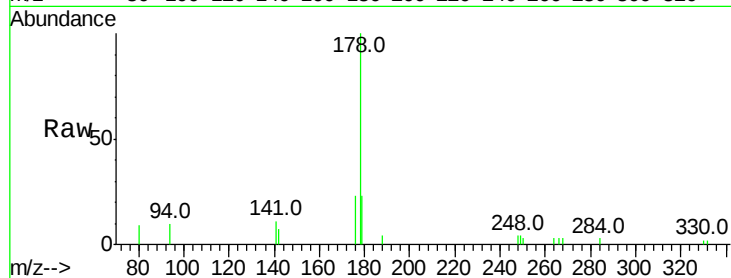
#24
 Anthracene
 Concen: 0.051 ng
 RT: 17.37 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BE093655.D
 Acq: 3 Aug 2017 13:19

Instrument :
 BNA_E
 ClientSampled :
 CSSB-29-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	0.0	12.0	18.0#

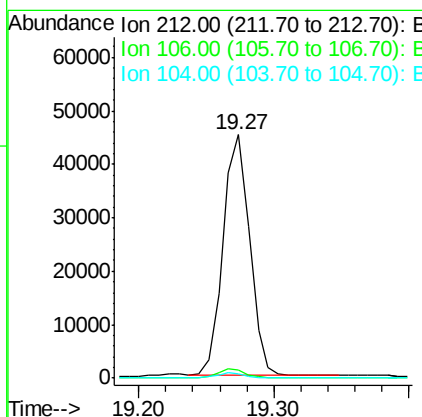
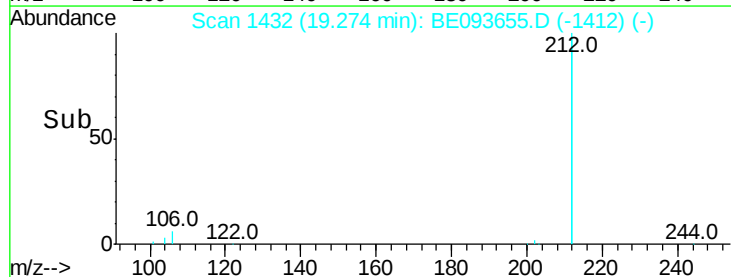
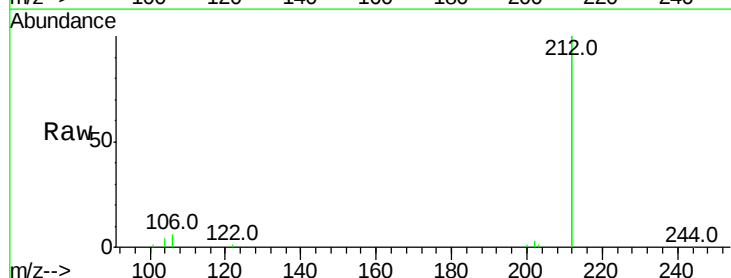
Manual Integrations
 APPROVED

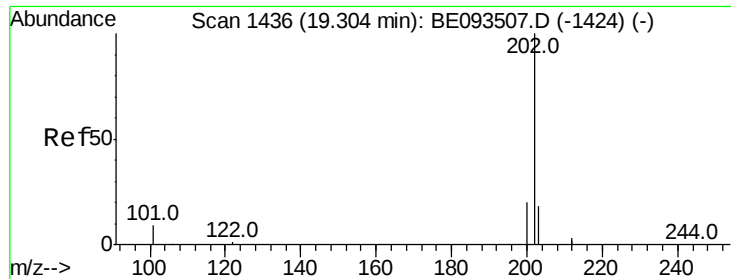
Sohil
 8/4/2017 5:29:10 PM



#25
 Fluoranthene-d10
 Concen: 0.244 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE093655.D
 Acq: 3 Aug 2017 13:19

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	2.0	1.6	2.4





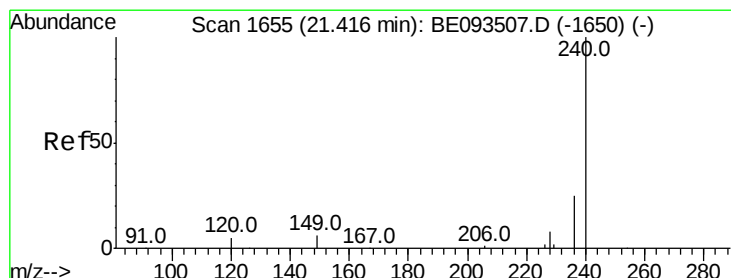
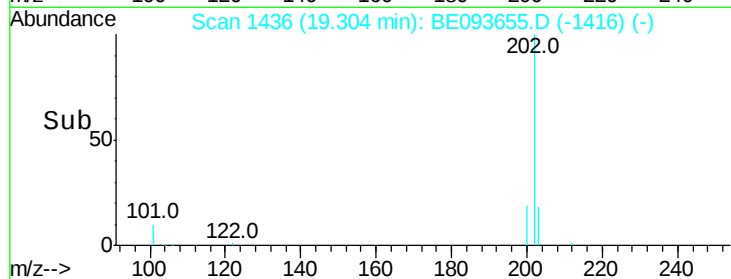
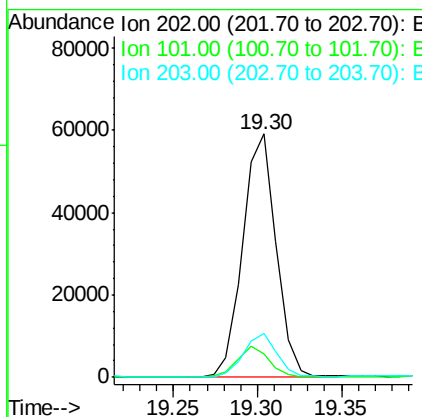
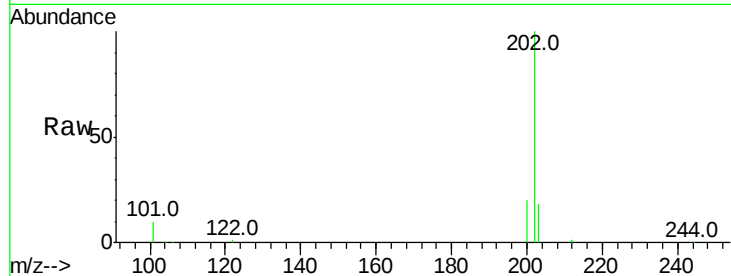
#26
Fluoranthene
Concen: 1.034 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :
CSSB-29-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.4	14.4	21.6

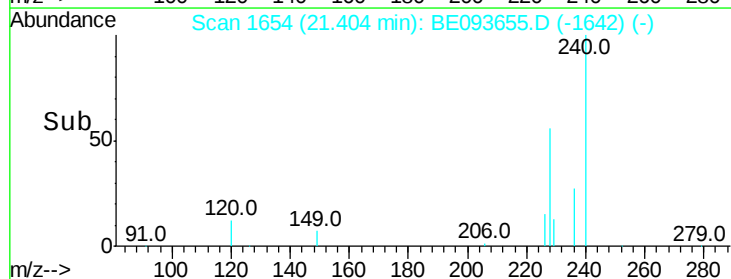
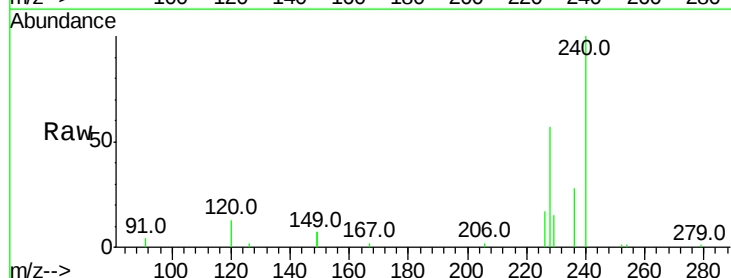
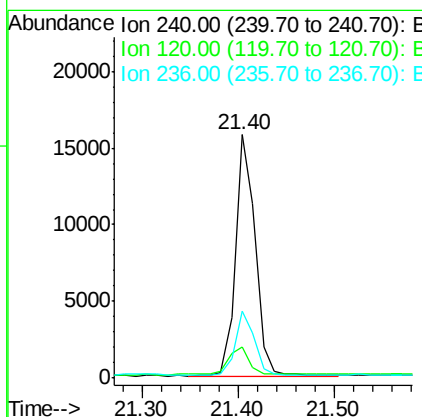
Manual Integrations
APPROVED

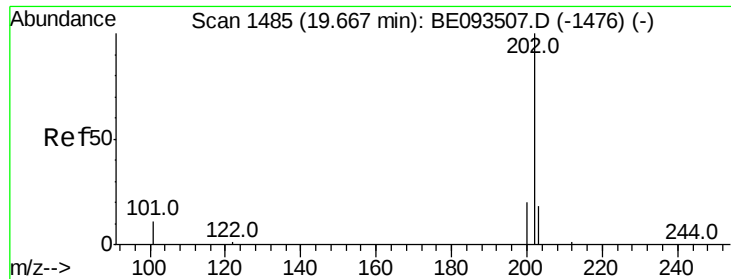
Sohil
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

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





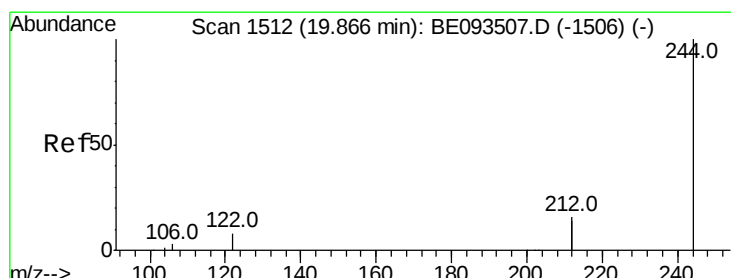
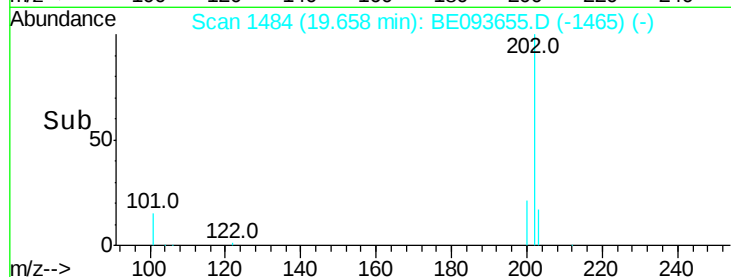
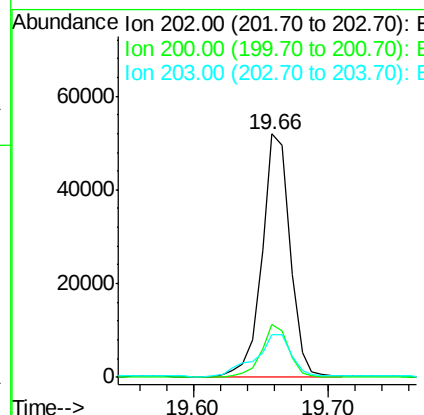
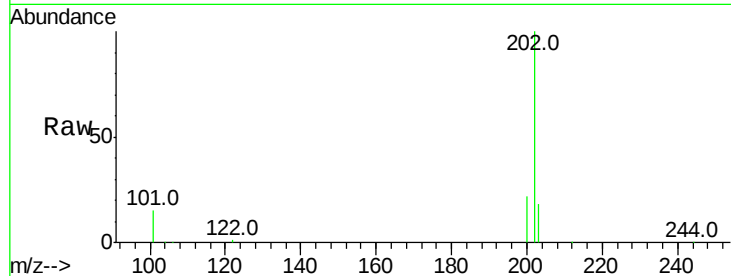
#28
Pvrene
Concen: 1.038 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :
CSSB-29-2

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	0.0	0.0#
203	22.5	13.7	20.5#

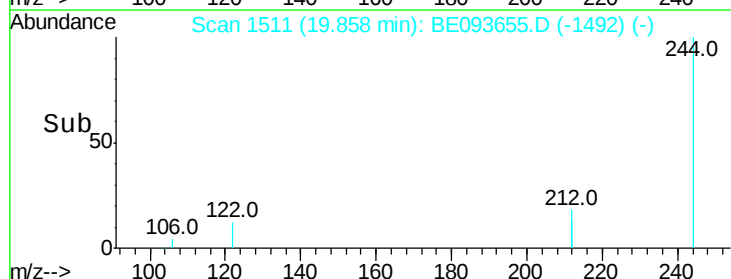
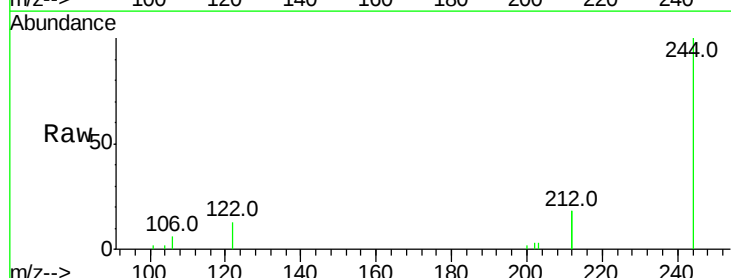
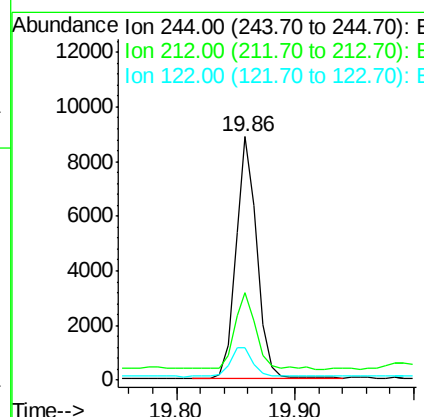
Manual Integrations
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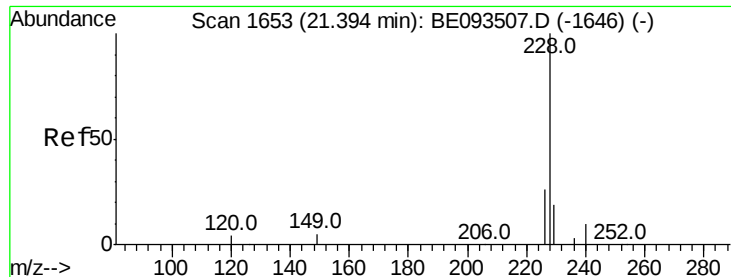
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#29
Terphenyl-d14
Concen: 0.269 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	36.0	10.6	16.0#
122	13.2	15.4	23.0#





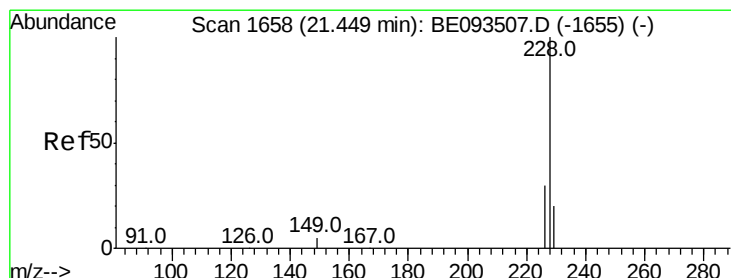
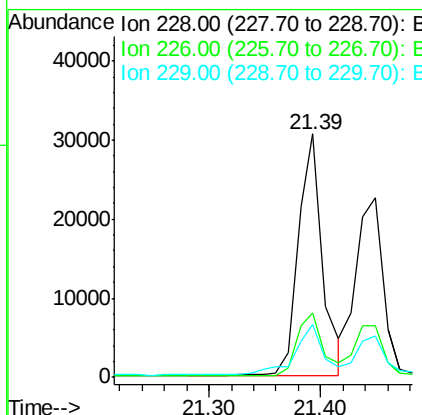
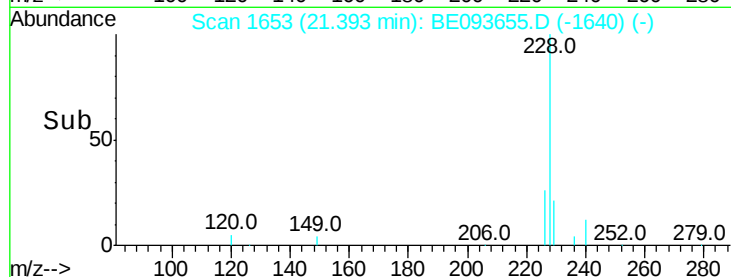
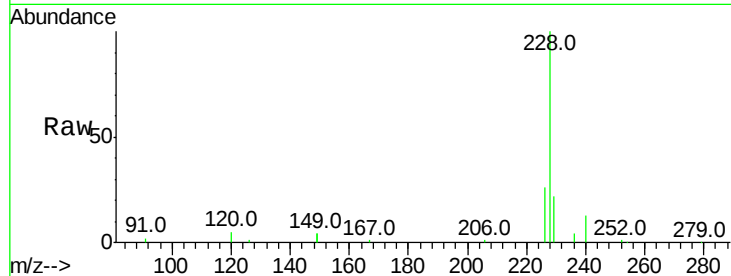
#30
Benzo(a)anthracene
Concen: 0.703 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :
CSSB-29-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	19.7	29.5
229	21.7	19.2	28.8

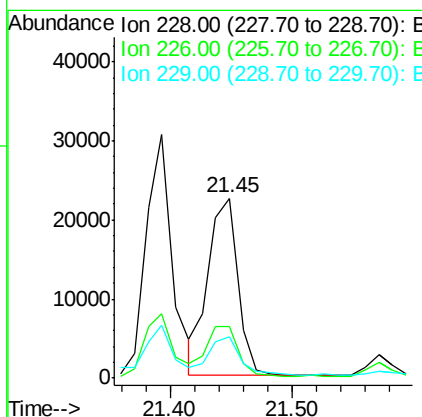
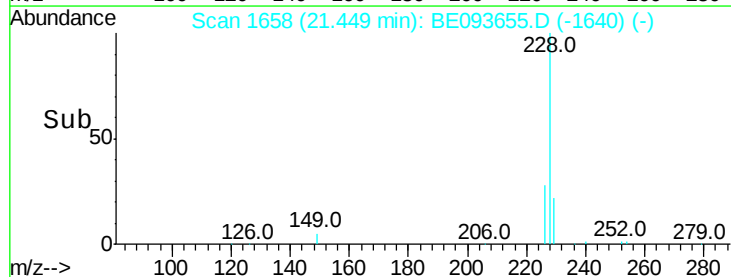
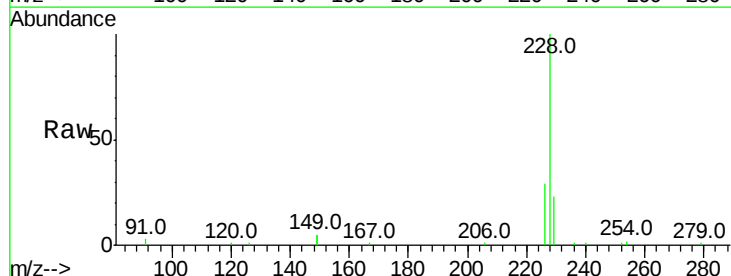
Manual Integrations
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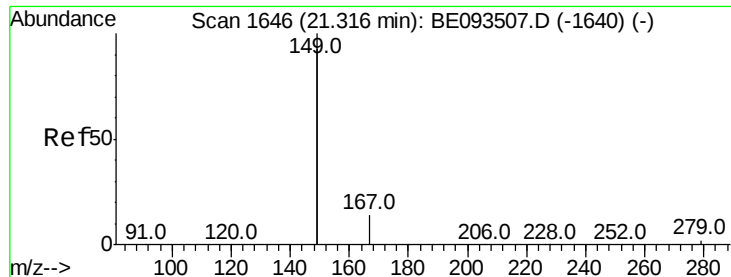
Sohil
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#31
Chrysene
Concen: 0.520 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.5	32.3
229	23.3	18.6	28.0





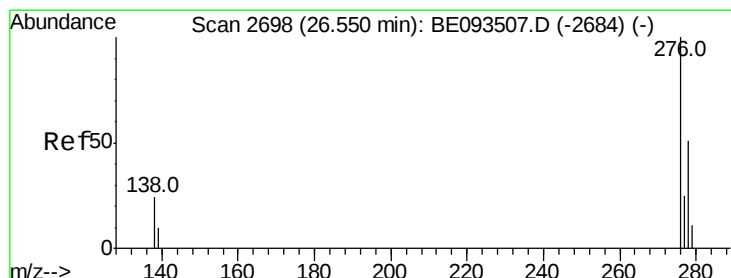
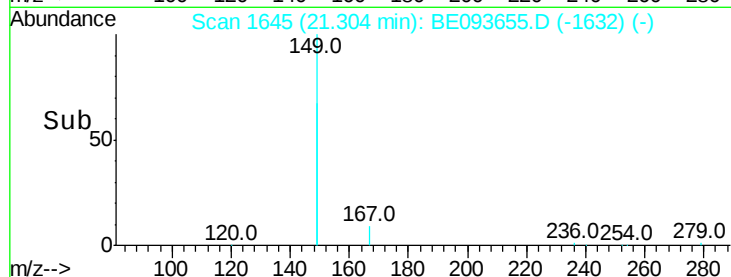
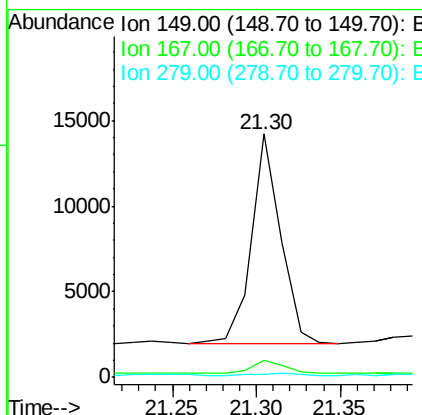
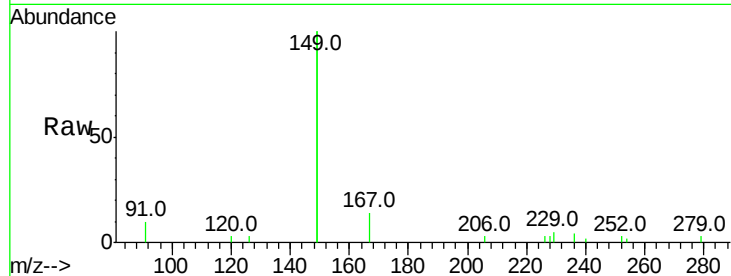
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.165 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093655.D
 Acq: 3 Aug 2017 13:19

Instrument :
 BNA_E
 ClientSampled :
 CSSB-29-2

Tot Ion:	149	Resp:	14791
Ion Ratio	Lower	Upper	
149	100		
167	6.9	4.8	7.2
279	1.2	0.8	1.2

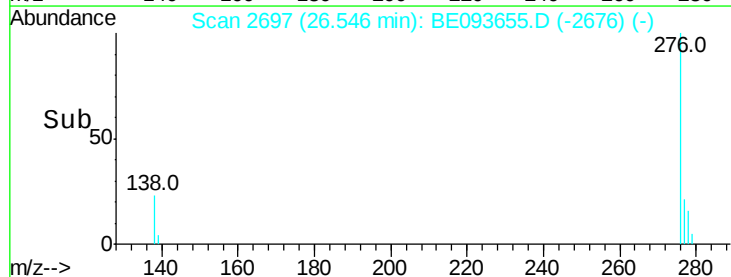
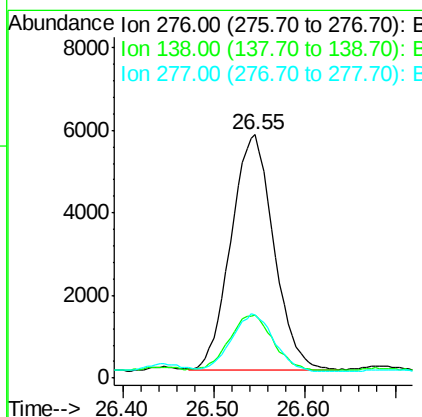
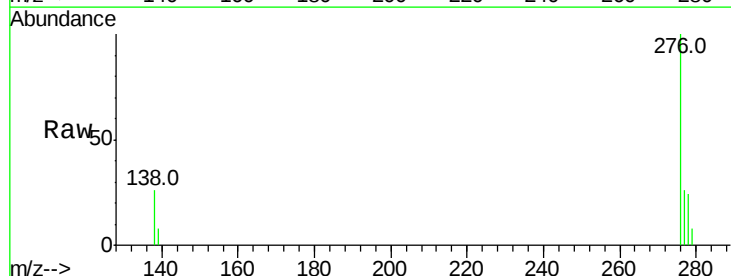
Manual Integrations
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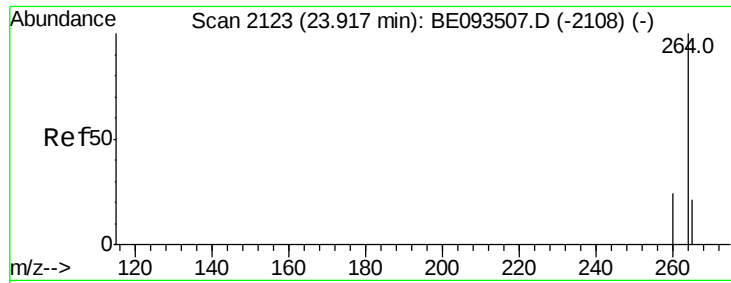
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#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.277 ng
 RT: 26.55 min Scan# 2697
 Delta R.T. -0.00 min
 Lab File: BE093655.D
 Acq: 3 Aug 2017 13:19

Tgt Ion:	276	Resp:	18448
Ion Ratio	Lower	Upper	
276	100		
138	24.2	27.4	41.2#
277	24.9	20.1	30.1





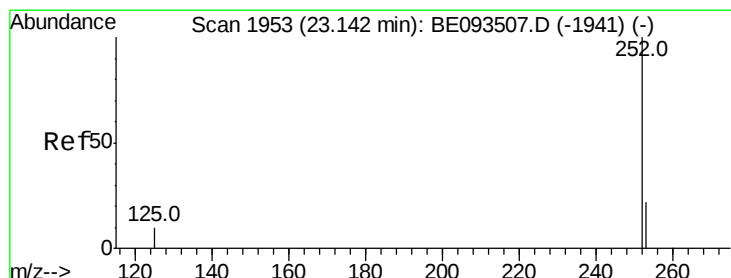
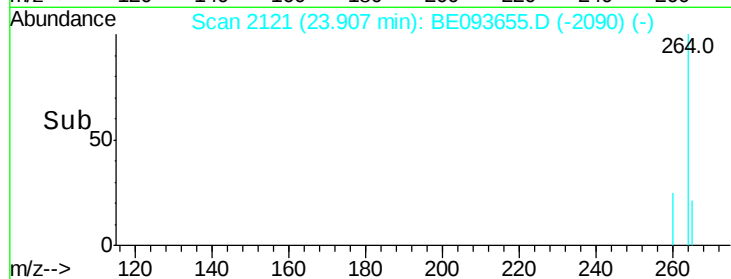
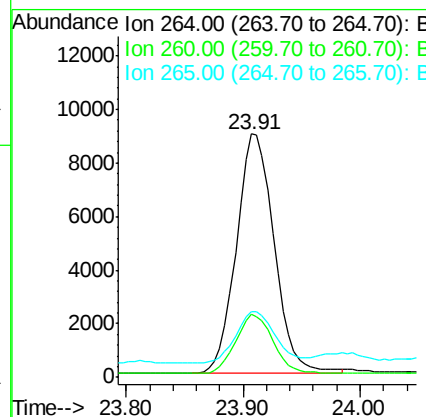
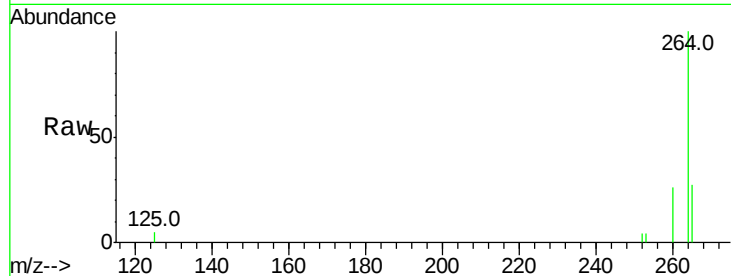
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :
CSSB-29-2

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	25.9	21.0	31.4	
265	26.8	24.6	36.8	

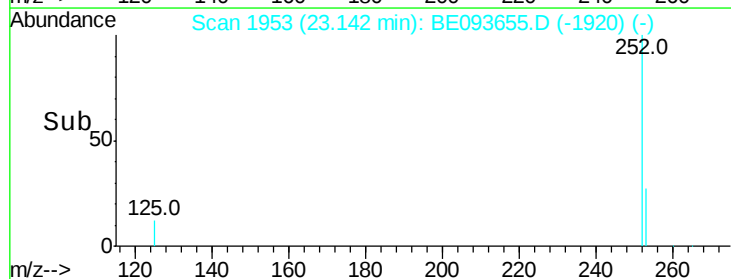
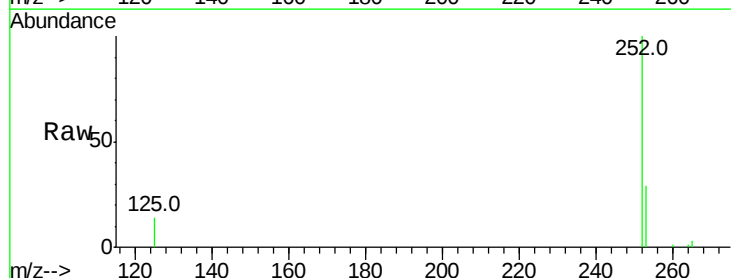
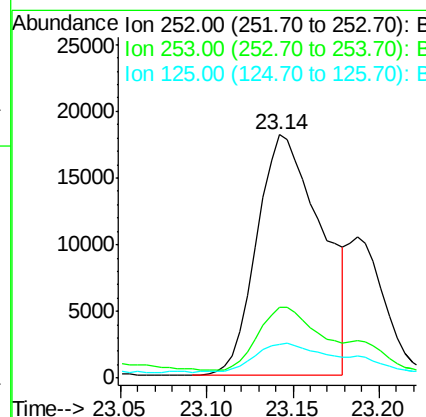
Manual Integrations
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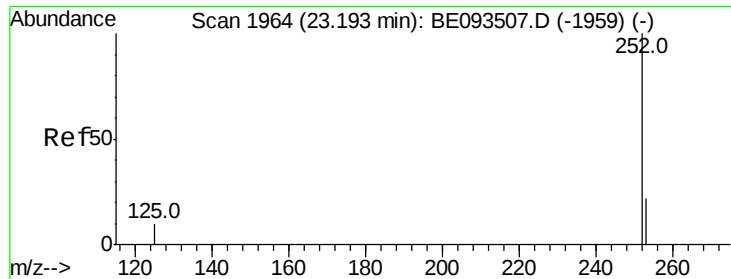
Sohil
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#35
Benzo(b)fluoranthene
Concen: 0.652 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	29.2	18.5	27.7#	
125	14.0	13.4	20.0	





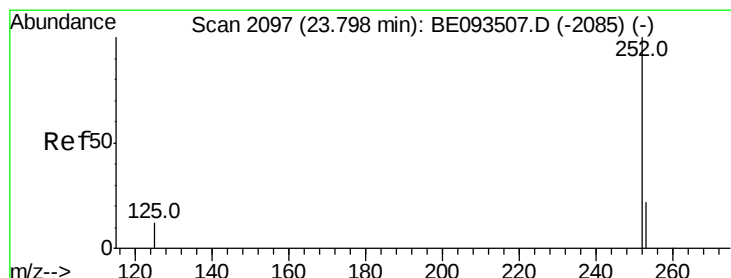
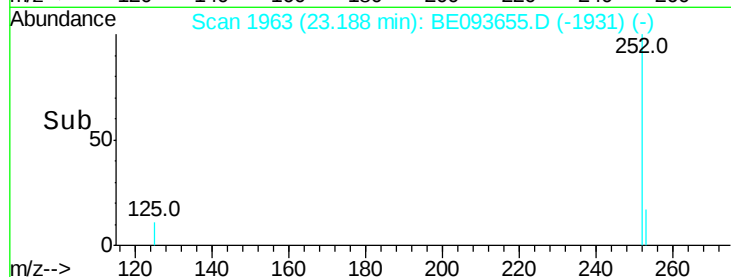
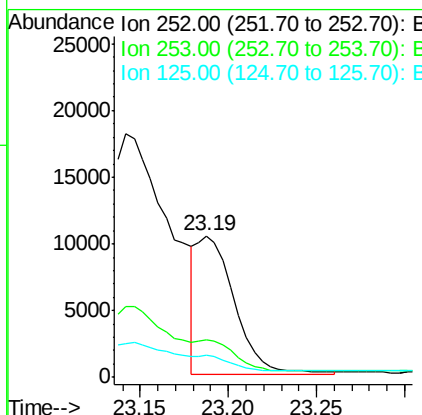
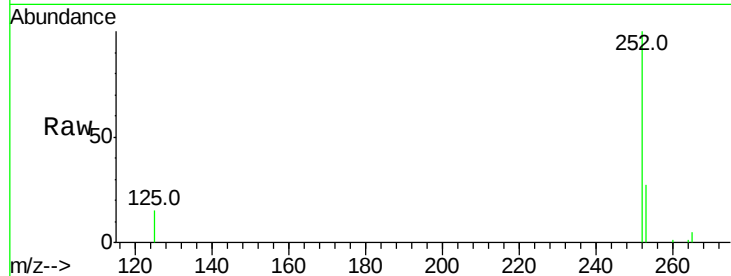
#36
Benzo(k)fluoranthene
Concen: 0.215 ng m
RT: 23.19 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :
CSSB-29-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.3	30.5
125	15.2	12.2	18.4

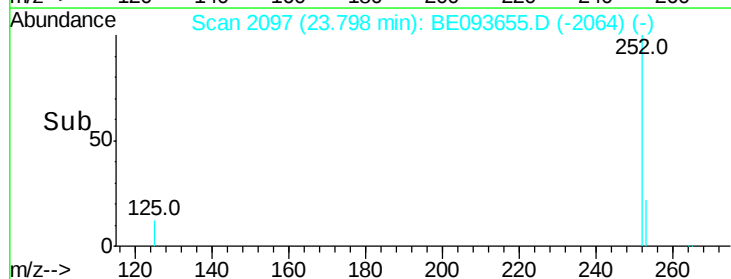
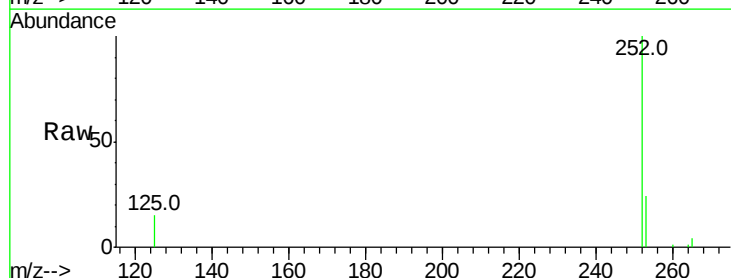
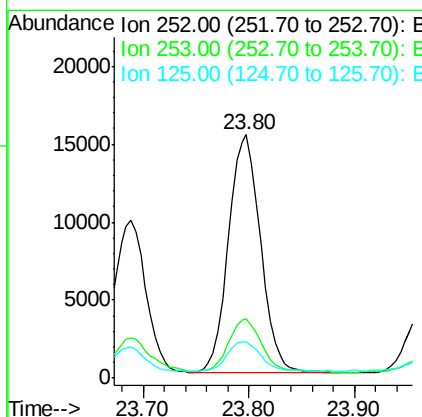
Manual Integrations
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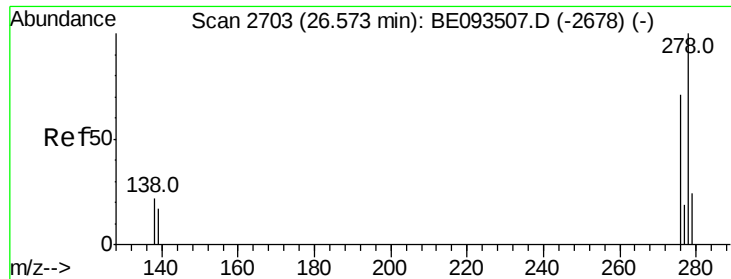
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#37
Benzo(a)pyrene
Concen: 0.495 ng
RT: 23.80 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.9	29.9
125	15.0	14.6	21.8





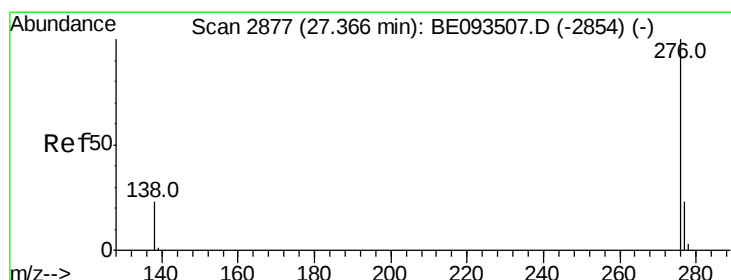
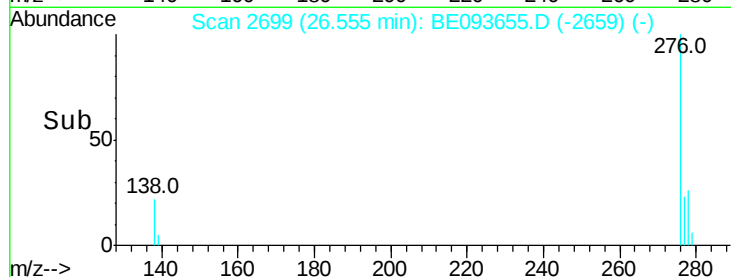
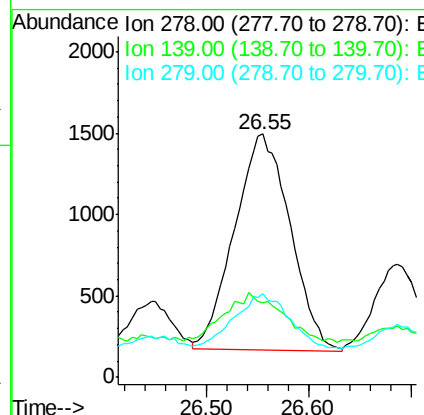
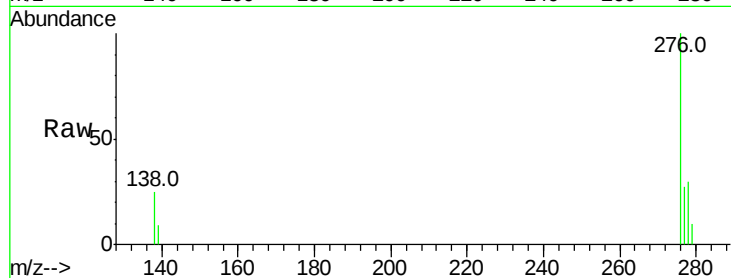
#38
Dibenzo(a,h)anthracene
Concen: 0.080 ng
RT: 26.55 min Scan# 2699
Delta R.T. -0.02 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampled :
CSSB-29-2

Tot Ion	Ratio	Lower	Upper
278	100		
139	30.5	21.4	32.0
279	34.4	22.2	33.2

Manual Integrations
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#39
Benzo(g,h,i)perylene
Concen: 0.275 ng
RT: 27.36 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.2	31.8
138	25.4	24.5	36.7

