

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080217\
 Data File : BE093642.D
 Acq On : 3 Aug 2017 00:53
 Operator : SJ/JU
 Sample : I4425-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-1

Manual Integrations
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Quant Time: Aug 03 04:15:14 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	2498	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	11971	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7161	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	20170	0.40	ng	0.00
27) Chrysene-d12	21.40	240	20311	0.40	ng	-0.01
34) Perylene-d12	23.91	264	17938	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2156	0.29	ng	0.00
5) Phenol-d6	7.09	99	3467	0.31	ng	-0.01
8) Nitrobenzene-d5	9.06	82	2631	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4940	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	548	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7376	0.26	ng	-0.01
25) Fluoranthene-d10	19.27	212	61752	0.27	ng	0.00
29) Terphenyl-d14	19.86	244	10836	0.30	ng	0.00
Target Compounds						
9) Naphthalene	10.76	128	3372	0.024	ng	Qvalue # 91
12) 2-Methylnaphthalene	12.36	142	1731	0.076	ng	98
23) Phenanthrene	17.27	178	1643	0.037	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.30	149	20665	0.254	ng	97

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

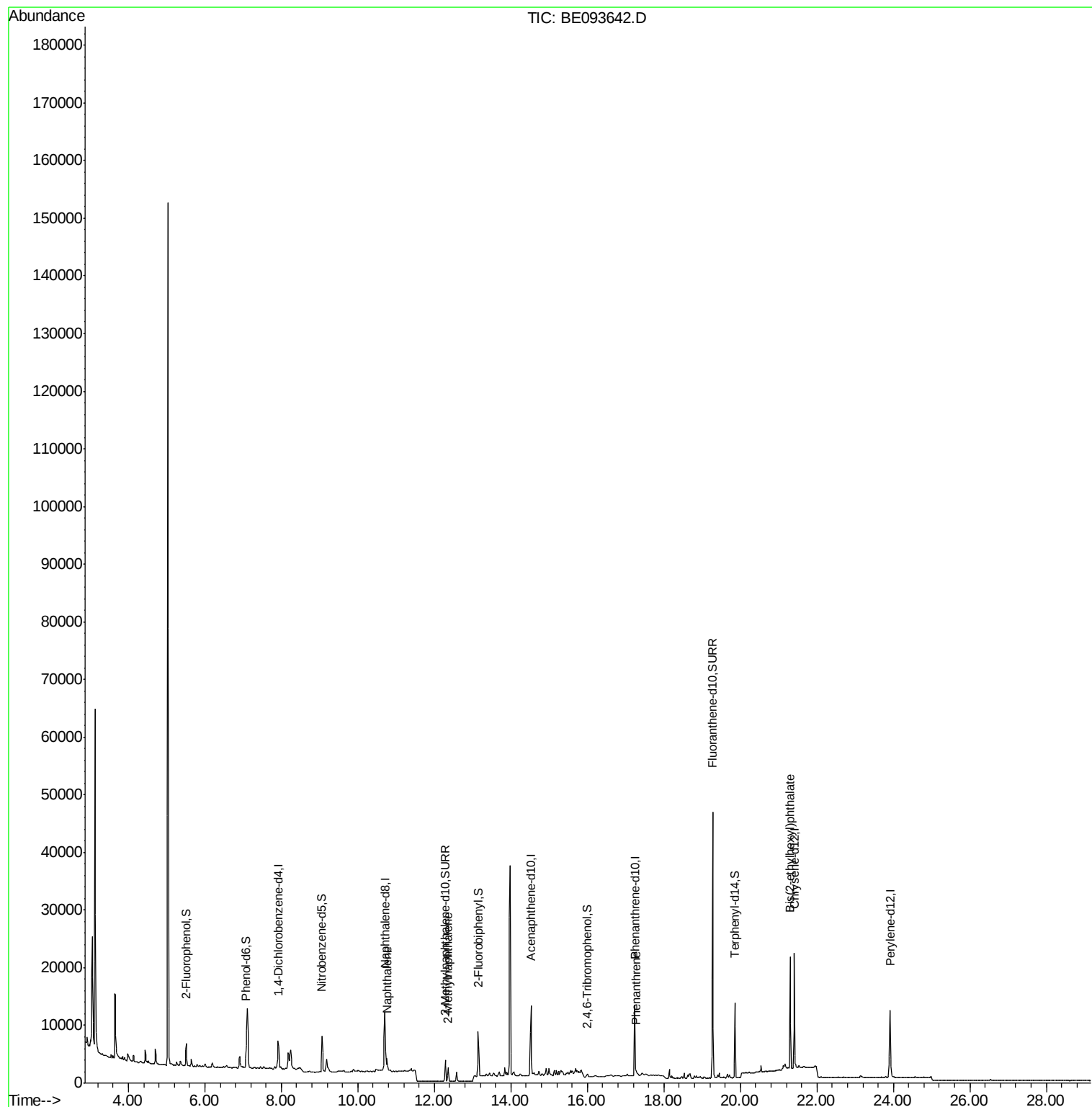
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080217\
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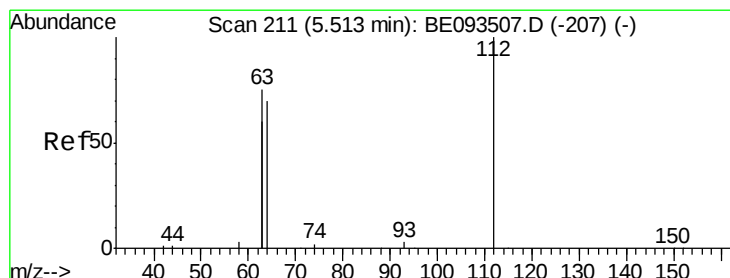
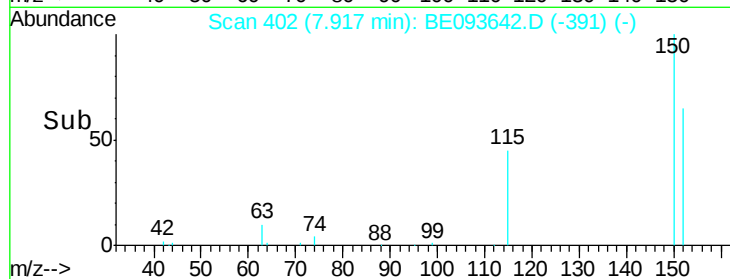
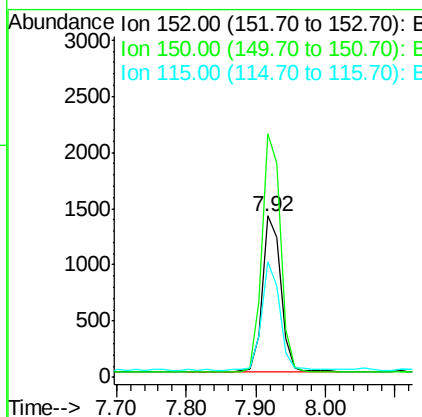
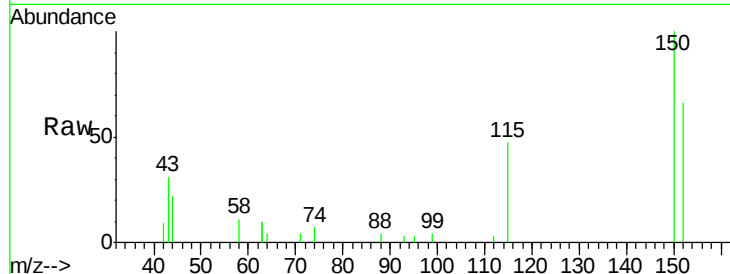
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BE093642.D
 Acq: 3 Aug 2017 00:53

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-1

Tgt Ion:	152	Resp:	2498
Ion Ratio	Lower	Upper	
152	100		
150	151.1	125.1	187.7
115	71.5	55.7	83.5

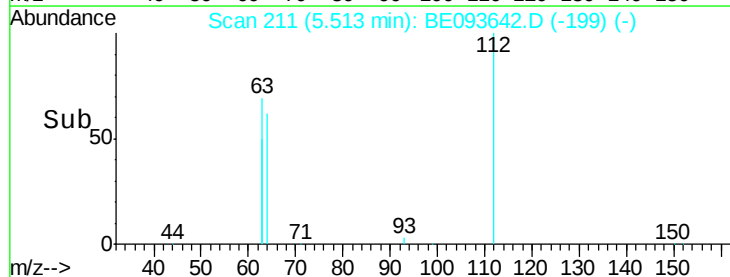
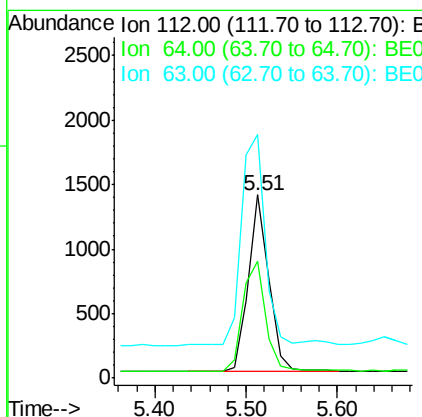
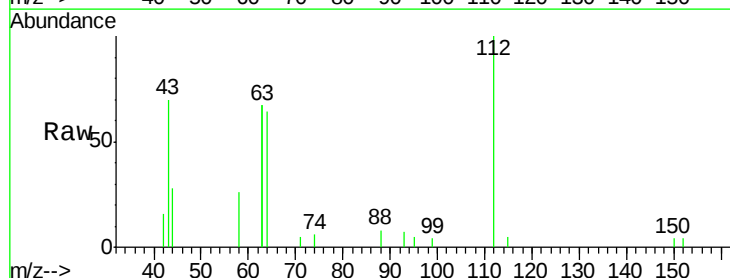
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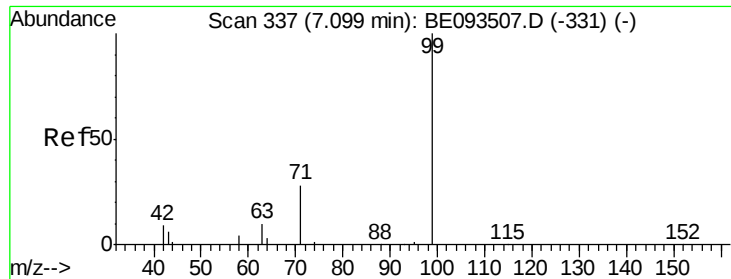
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#4
 2-Fluorophenol
 Concen: 0.290 ng
 RT: 5.51 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: BE093642.D
 Acq: 3 Aug 2017 00:53

Tgt Ion:	112	Resp:	2156
Ion Ratio	Lower	Upper	
112	100		
64	68.8	56.4	84.6
63	138.1	29.3	43.9#





#5

Phenol-d6

Concen: 0.309 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093642.D

Acq: 3 Aug 2017 00:53

Instrument :

BNA_E

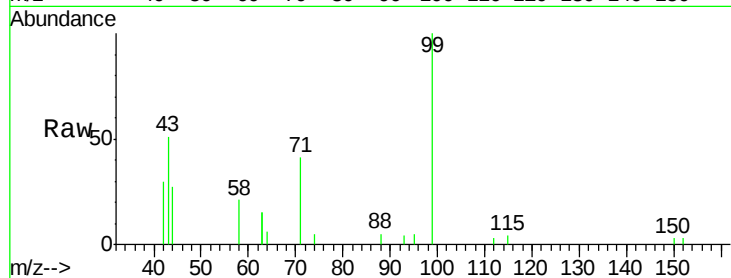
ClientSampled :

CSSB-30-1

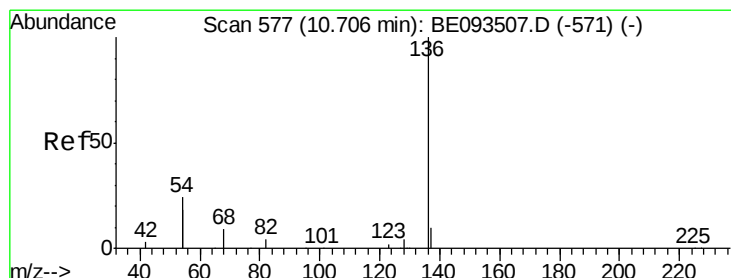
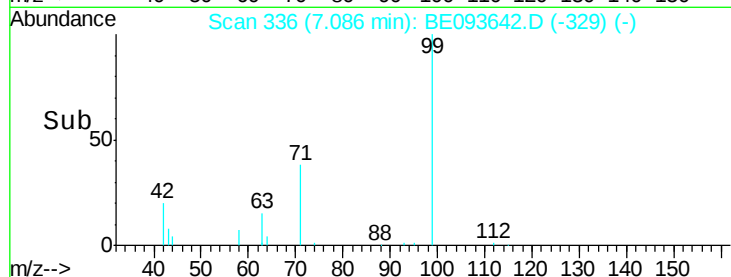
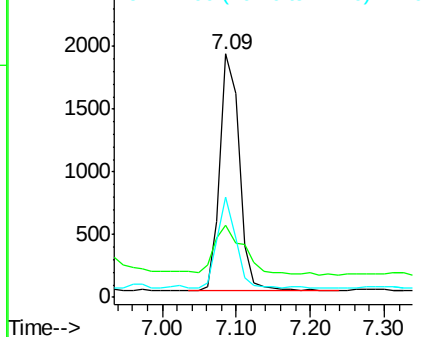
Tgt Ion:	99	Resp:	3467
Ion Ratio	Lower	Upper	
99	100		
42	33.7	0.0	0.0#
71	36.2	0.0	0.0#

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

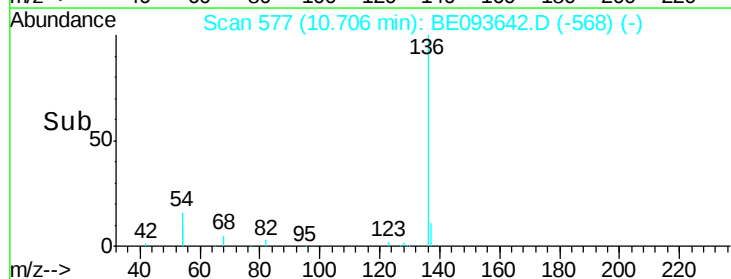
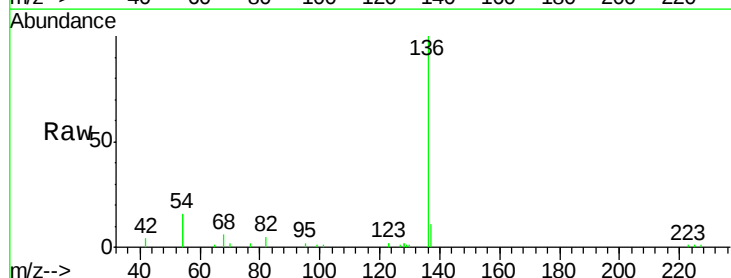
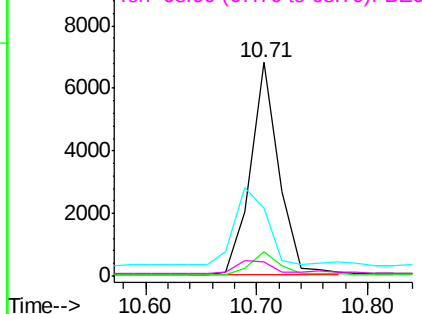
Delta R.T. -0.00 min

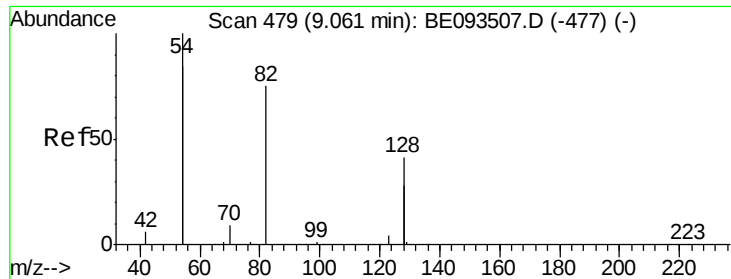
Lab File: BE093642.D

Acq: 3 Aug 2017 00:53

Tgt Ion:	136	Resp:	11971
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.8	14.8
54	31.7	10.3	15.5#
68	6.4	9.0	13.4#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.288 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093642.D

Acq: 3 Aug 2017 00:53

Instrument :

BNA_E

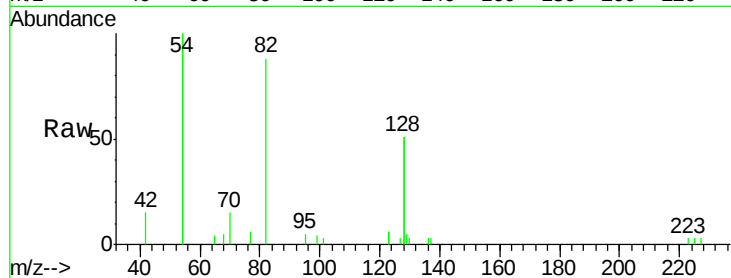
ClientSampled :

CSSB-30-1

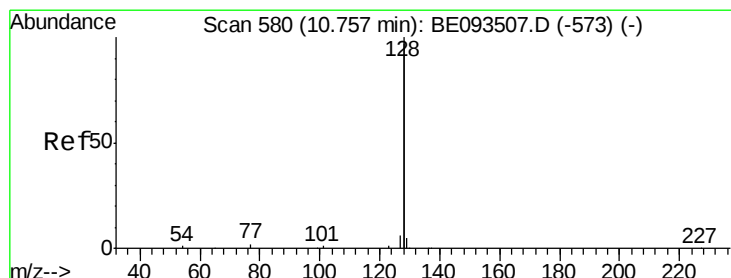
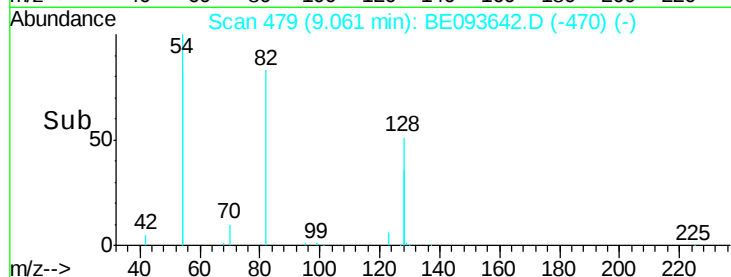
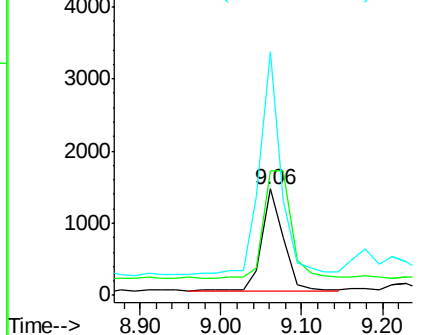
Tgt Ion:	82	Resp:	2631
Ion Ratio	Lower	Upper	
82	100		
128	116.6	17.0	25.4#
54	228.4	53.8	80.6#

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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



#9

Naphthalene

Concen: 0.024 ng

RT: 10.76 min Scan# 580

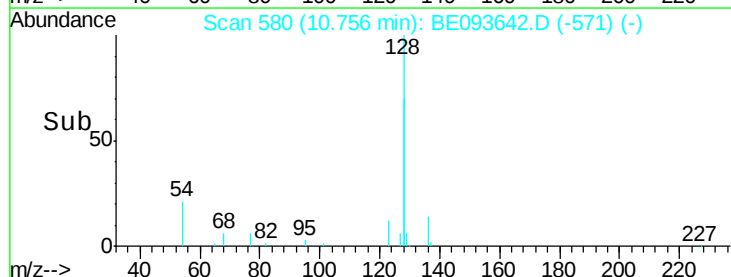
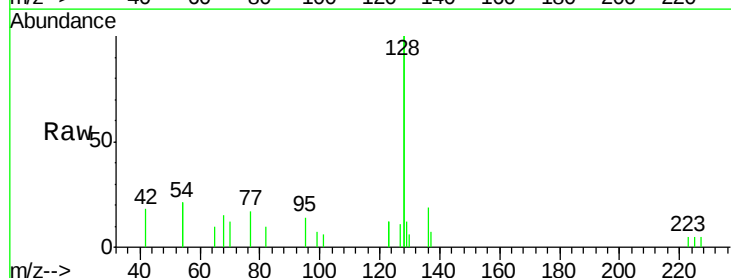
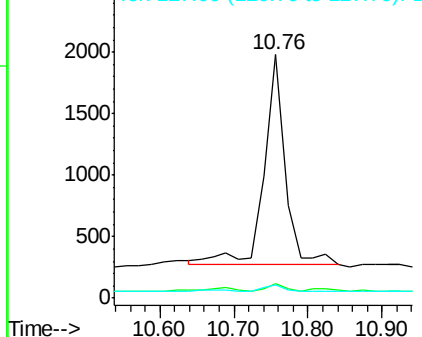
Delta R.T. -0.00 min

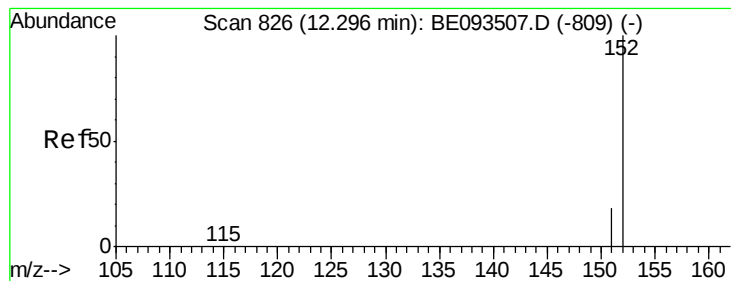
Lab File: BE093642.D

Acq: 3 Aug 2017 00:53

Tgt Ion:	128	Resp:	3372
Ion Ratio	Lower	Upper	
128	100		
129	6.0	2.4	3.6#
127	5.7	2.4	3.6#

Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





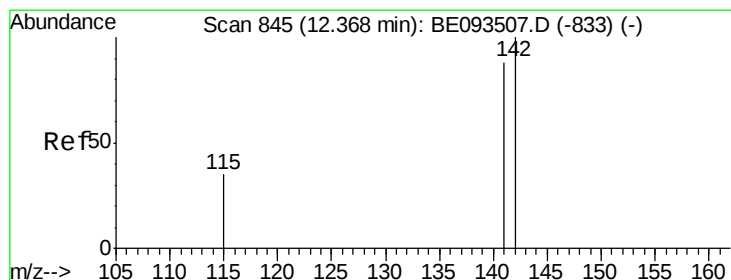
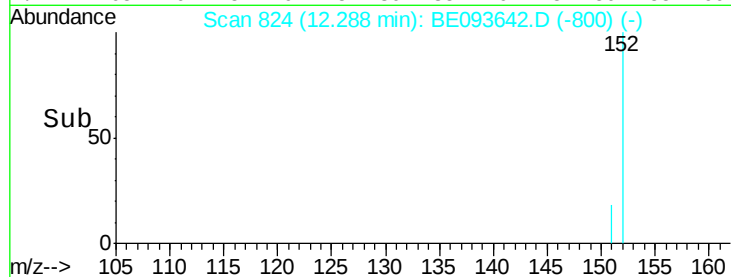
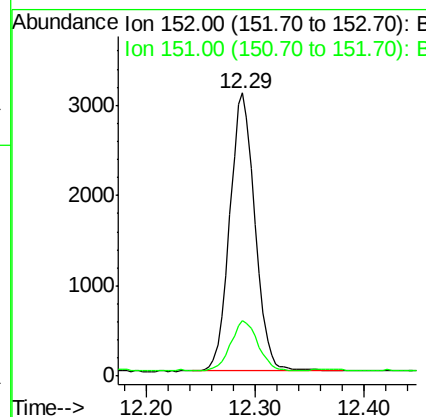
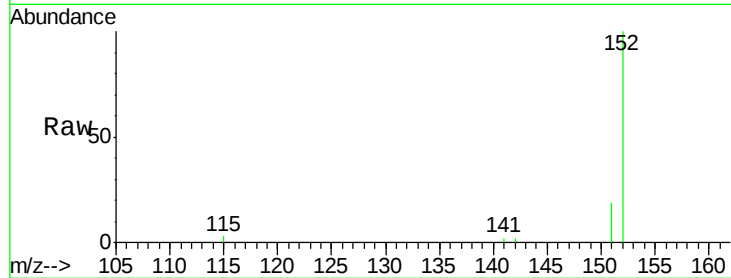
#11
 2-Methylnaphthalene-d10
 Concen: 0.261 ng
 RT: 12.29 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE093642.D
 Acq: 3 Aug 2017 00:53

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-1

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.1	22.7

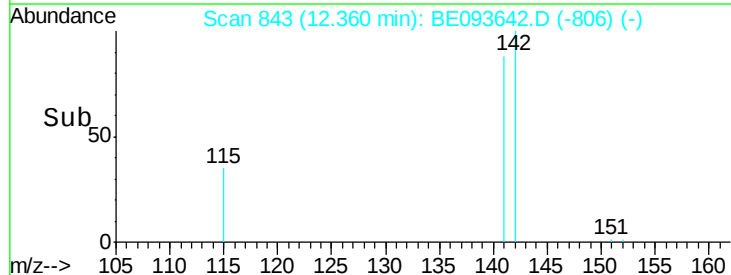
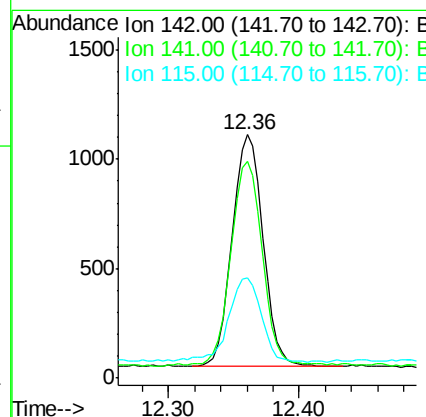
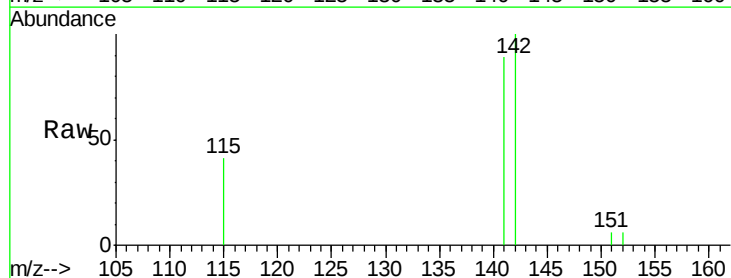
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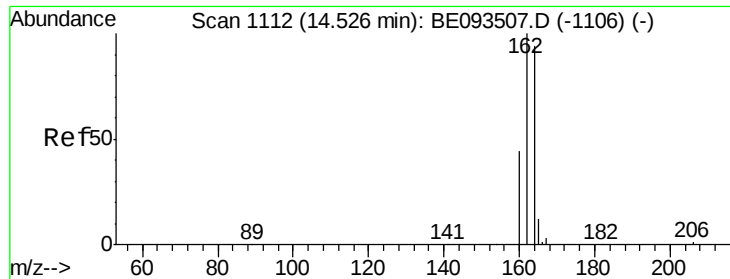
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#12
 2-Methylnaphthalene
 Concen: 0.076 ng
 RT: 12.36 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BE093642.D
 Acq: 3 Aug 2017 00:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8
115	41.2	32.2	48.2





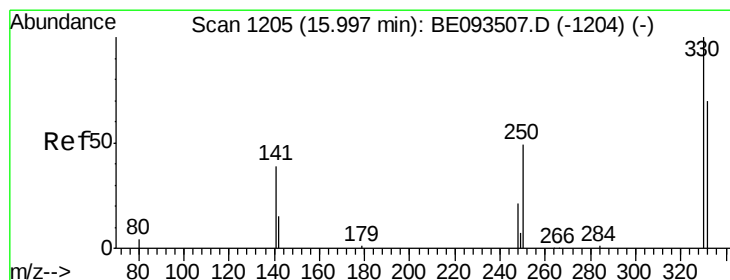
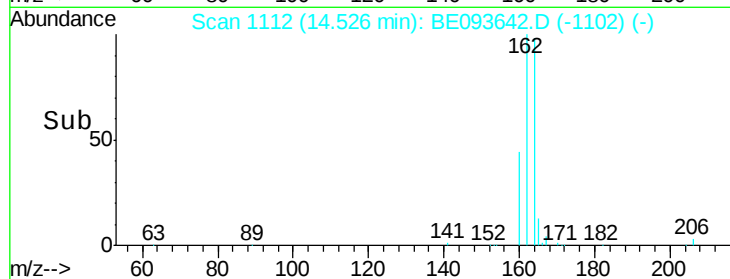
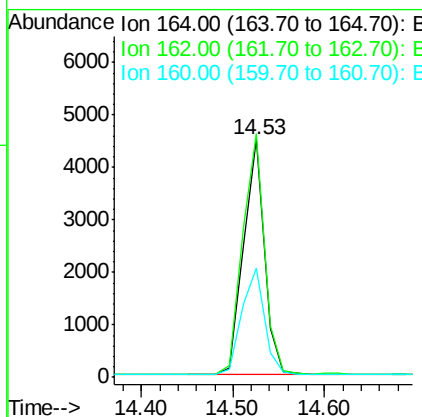
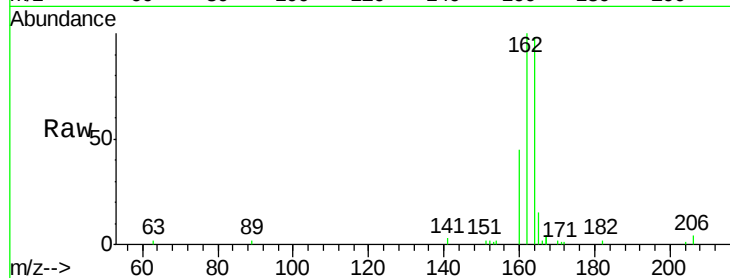
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 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093642.D
 Acq: 3 Aug 2017 00:53

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-1

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	84.6	127.0
160	45.8	41.8	62.6

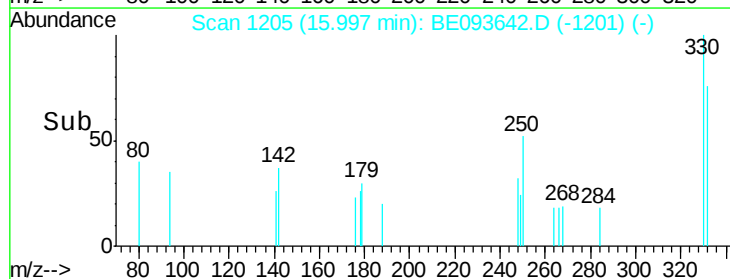
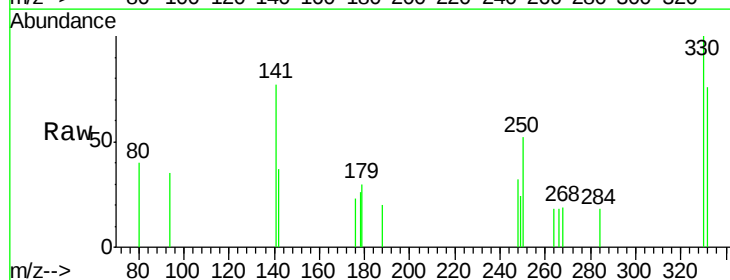
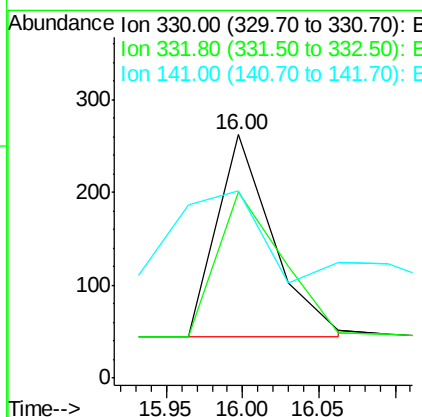
Manual Integrations
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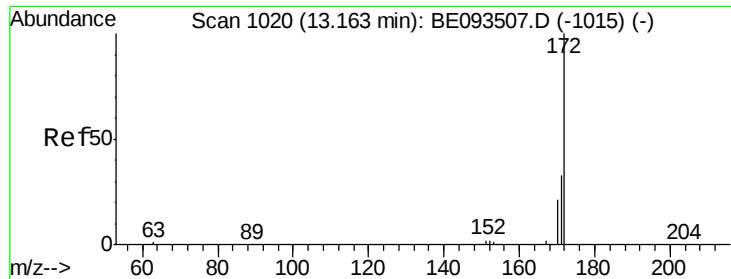
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#14
 2,4,6-Tribromophenol
 Concen: 0.363 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093642.D
 Acq: 3 Aug 2017 00:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	84.5	77.7	116.5
141	64.6	56.2	84.4





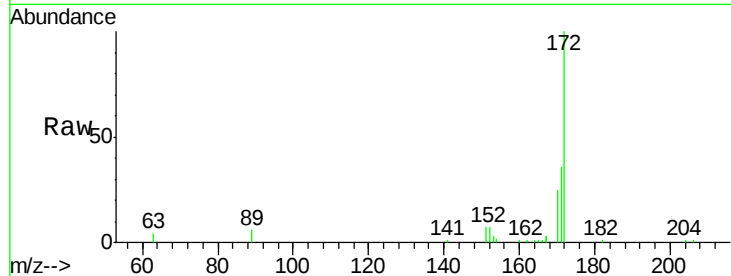
#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093642.D
Acq: 3 Aug 2017 00:53

Instrument :
BNA_E
ClientSampleId :
CSSB-30-1

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	25.1	20.7	31.1

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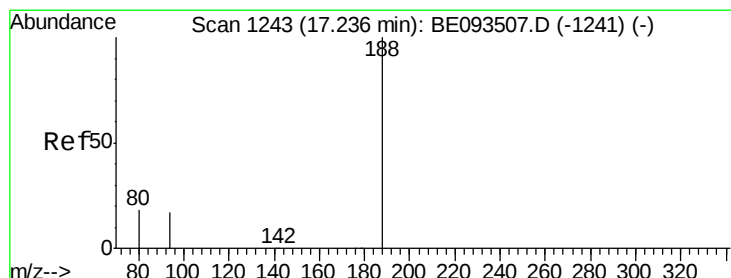
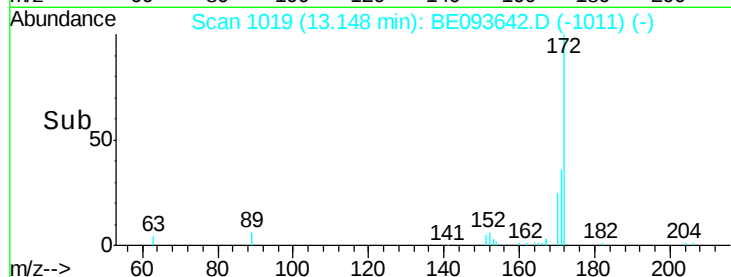
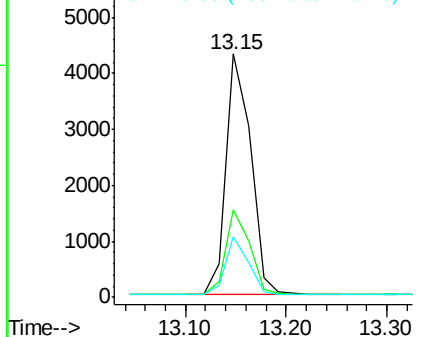


Abundance

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



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093642.D
Acq: 3 Aug 2017 00:53

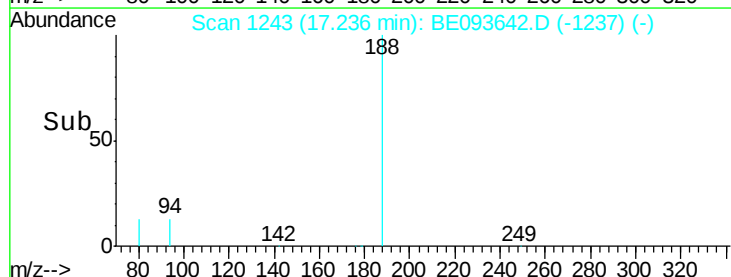
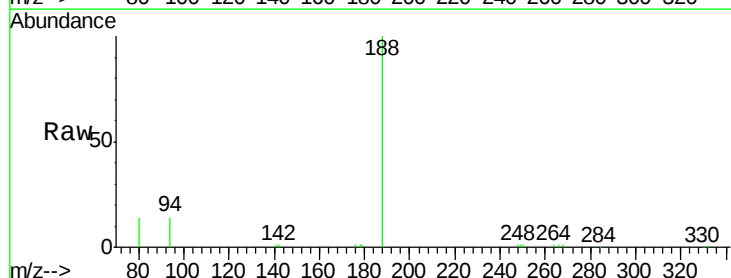
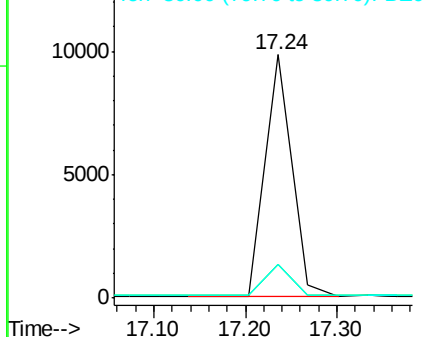
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.7	11.3	16.9
80	14.0	11.7	17.5

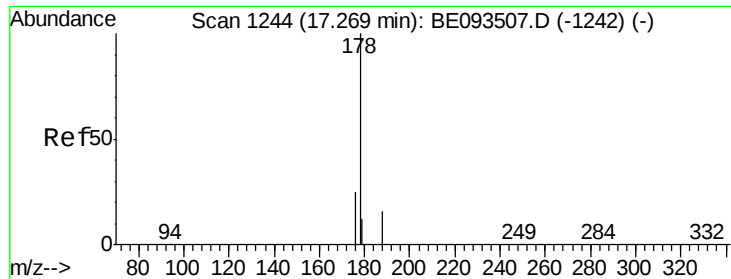
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





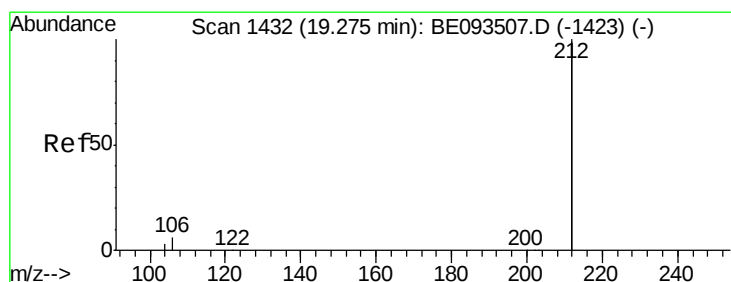
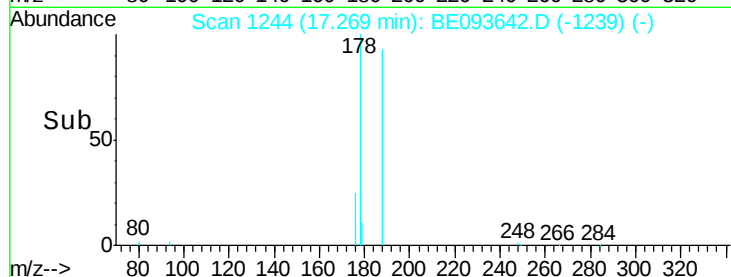
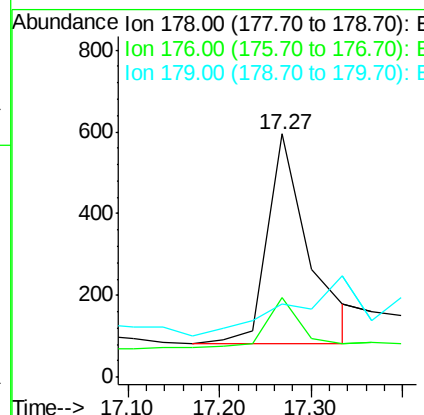
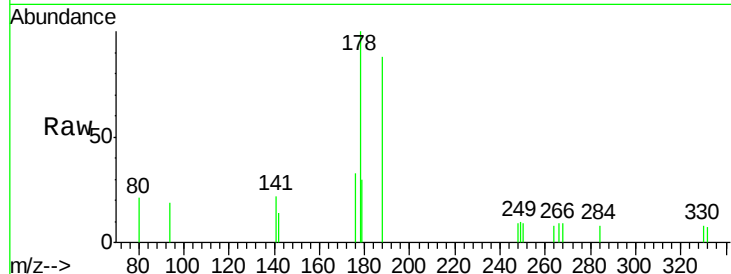
#23
Phenanthrene
Concen: 0.037 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093642.D
Acq: 3 Aug 2017 00:53

Instrument :
BNA_E
ClientSampleId :
CSSB-30-1

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

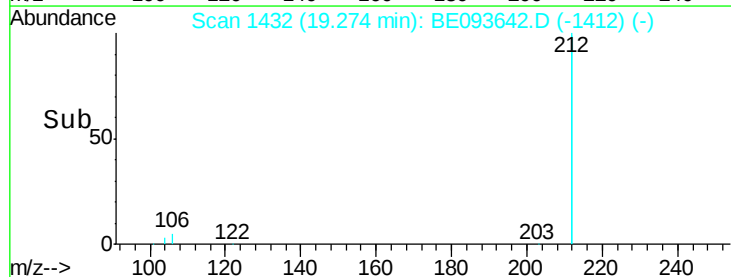
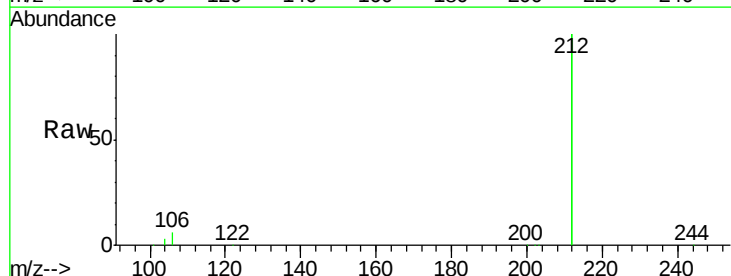
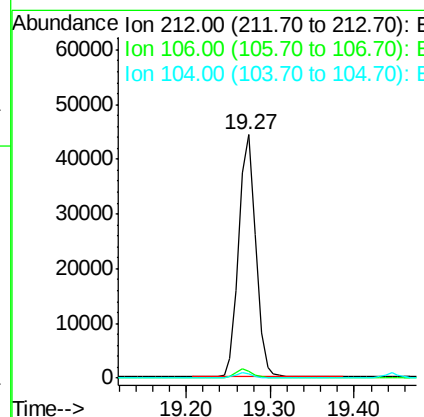
Manual Integrations
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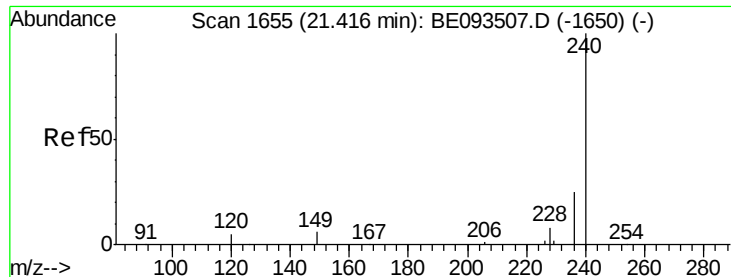
Sohil
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#25
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093642.D
Acq: 3 Aug 2017 00:53

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.9	1.6	2.4





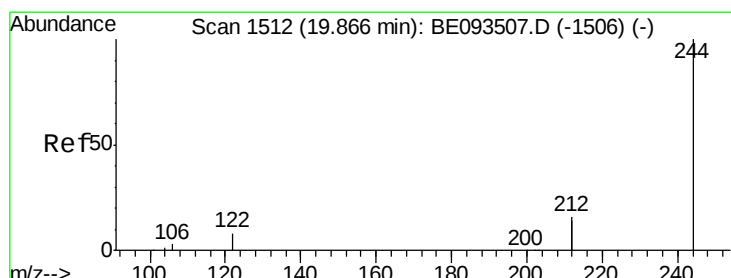
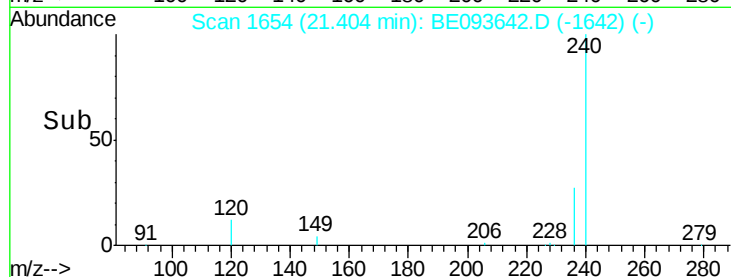
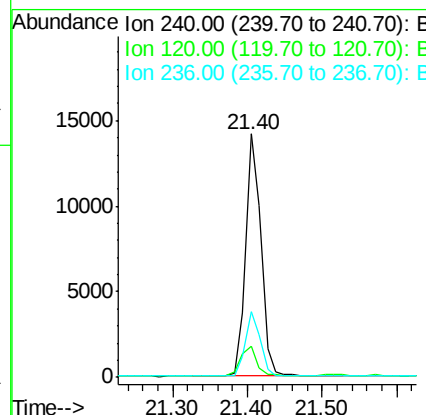
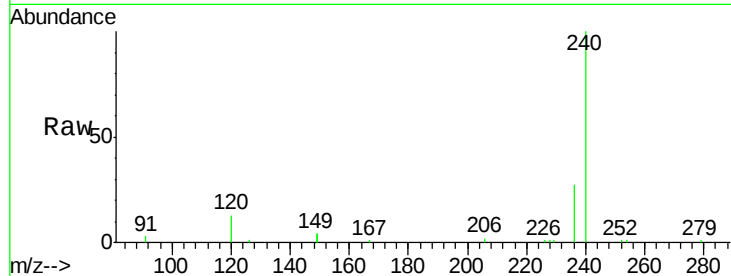
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093642.D
 Acq: 3 Aug 2017 00:53

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-1

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	4.6	7.0#
236	26.9	20.8	31.2

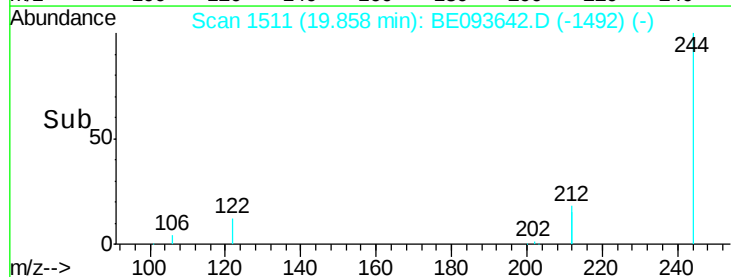
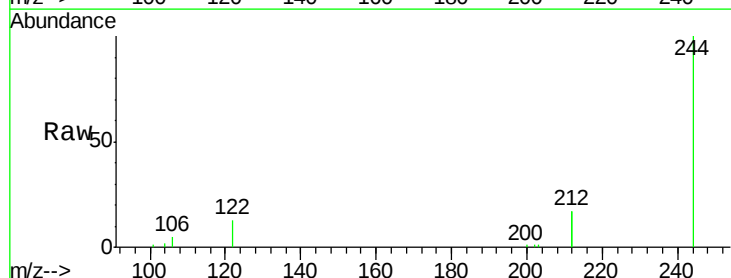
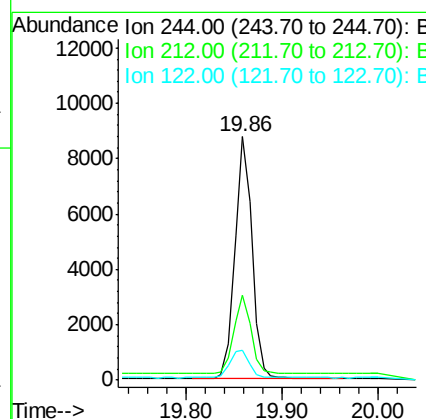
Manual Integrations
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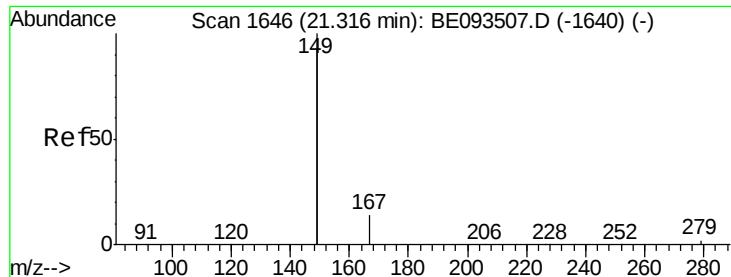
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#29
 Terphenyl-d14
 Concen: 0.297 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093642.D
 Acq: 3 Aug 2017 00:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	34.9	10.6	16.0#
122	12.5	15.4	23.0#





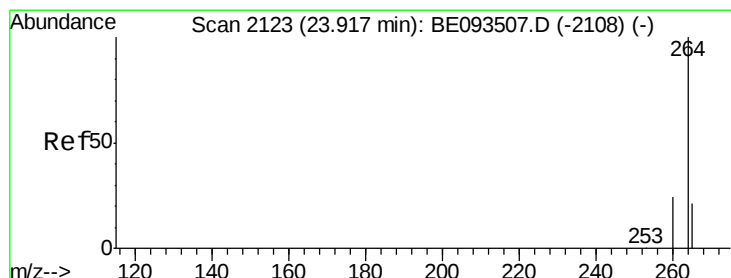
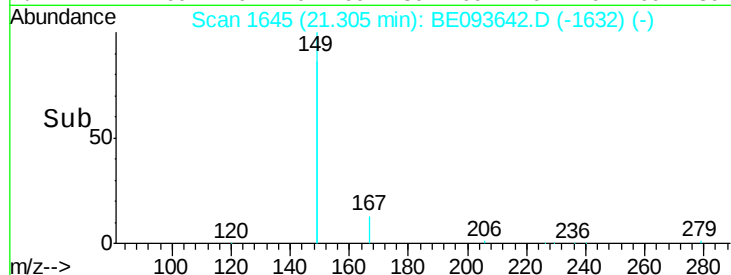
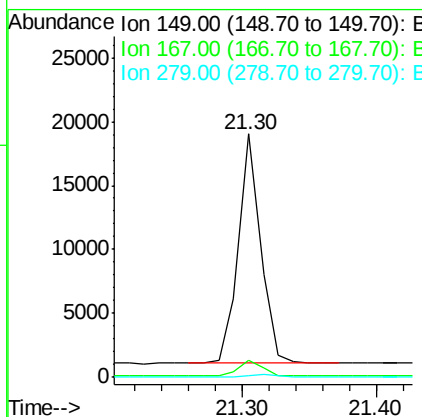
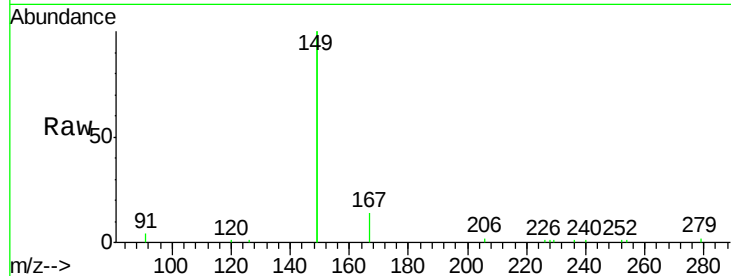
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.254 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093642.D
 Acq: 3 Aug 2017 00:53

Instrument :
 BNA_E
 ClientSampled :
 CSSB-30-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	7.1	4.8	7.2
279	0.9	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: BE093642.D
 Acq: 3 Aug 2017 00:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.3	21.0	31.4
265	25.8	24.6	36.8

