Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080217\
Data File : BE093641.D
Acq On : 3 Aug 2017 00:15
Operator : SJ/JU
Sample : I4425-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CSSB-28-2

Manual Integrations APPROVED
Sohil
8/3/2017 6:24:28 PM

Quant Time: Aug 03 17:13:20 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	2461	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	12121	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	7642	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	17593	0.40	ng	0.00
27) Chrysene-d12	21.40	240	19178	0.40	ng	-0.01
34) Perylene-d12	23.91	264	16686	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2334	0.32	ng	0.00
5) Phenol-d6	7.09	99	3698	0.34	ng	-0.01
8) Nitrobenzene-d5	9.06	82	2778	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5324	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	497	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7715	0.25	ng	-0.02
25) Fluoranthene-d10	19.28	212	56144	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	8754	0.25	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.76	128	3388	0.024	ng	# 92
12) 2-Methylnaphthalene	12.36	142	1733	0.075	ng	97
17) Acenaphthene	14.58	154	1007m	0.039	ng	
23) Phenanthrene	17.27	178	5093	0.132	ng	# 81
26) Fluoranthene	19.30	202	9516	0.154	ng	100
28) Pyrene	19.66	202	3634	0.059	ng	# 75
31) Chrysene	21.45	228	1562m	0.025	ng	
32) Bis(2-ethylhexyl)phthalate	21.30	149	49497	0.644	ng	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_E
ClientSampleId :
CSSB-28-2

Manual Integrations APPROVED
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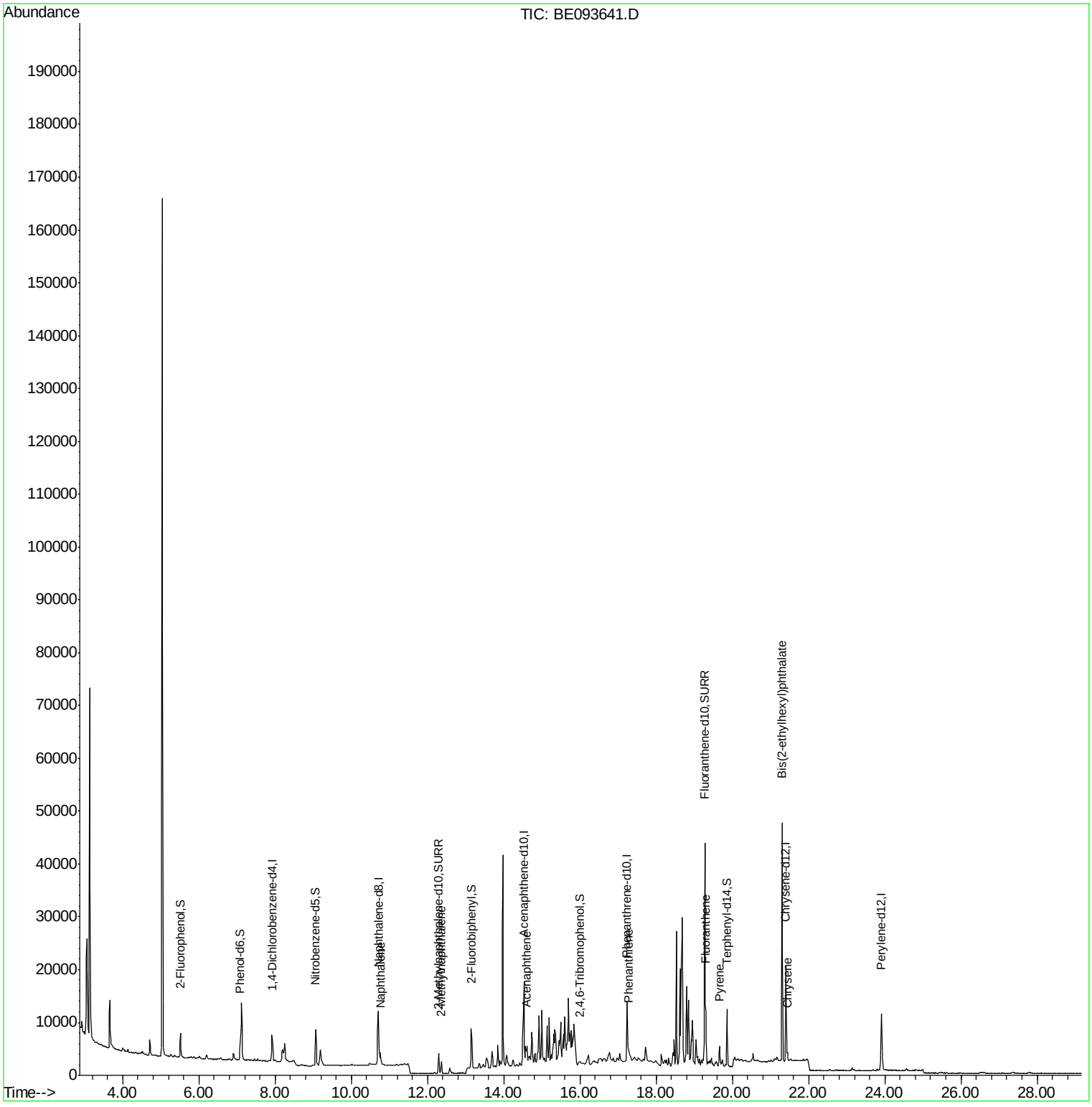
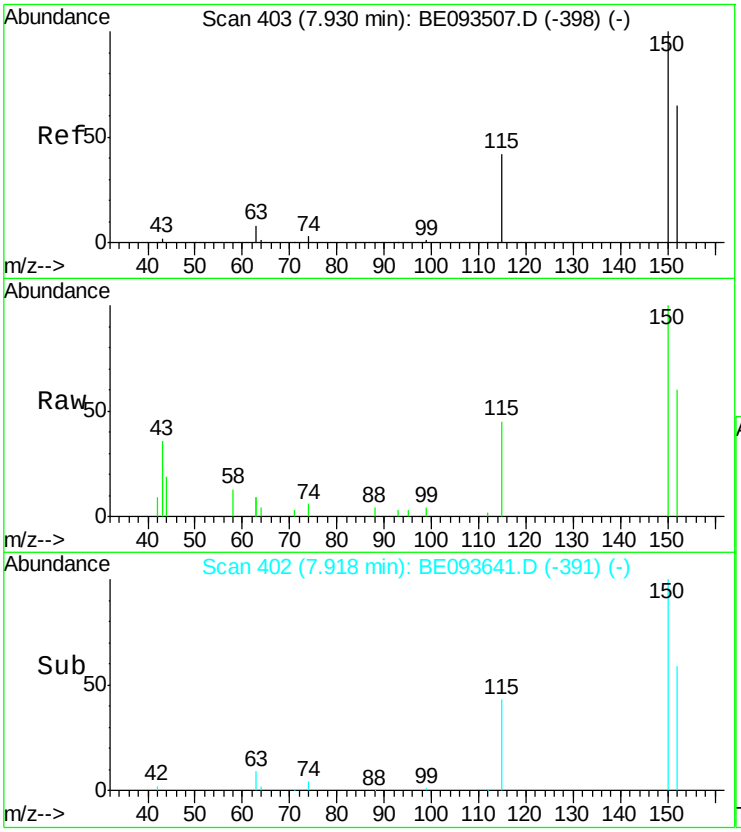
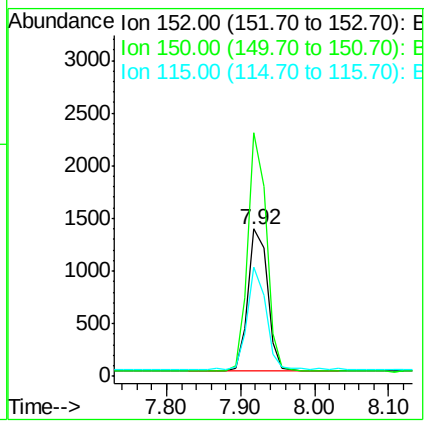




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:152 Resp: 2461

Ion	Ratio	Lower	Upper
152	100		
150	165.5	125.1	187.7
115	74.6	55.7	83.5



Instrument :
BNA_E
ClientSampleId :
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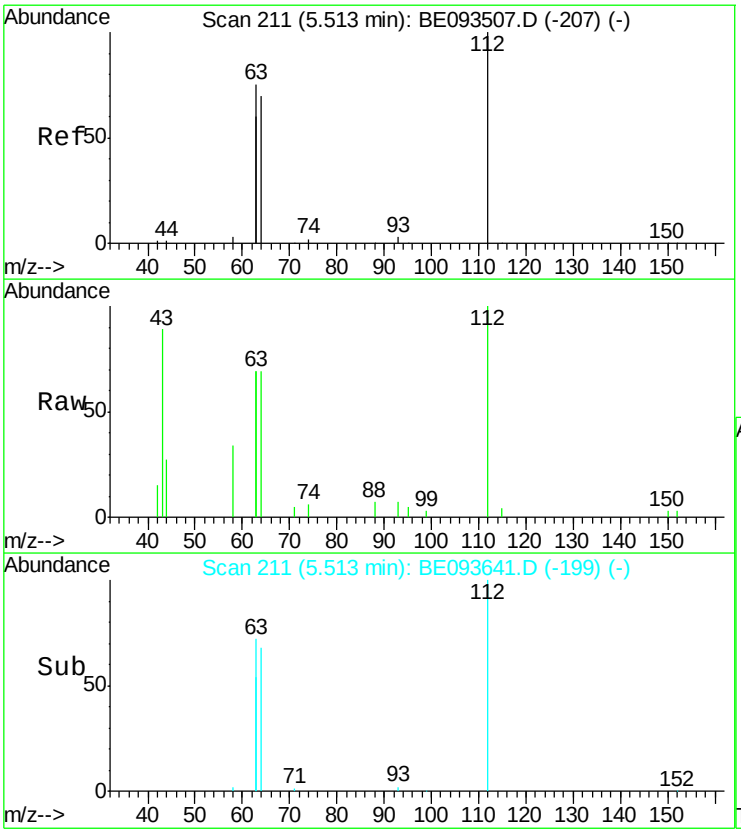
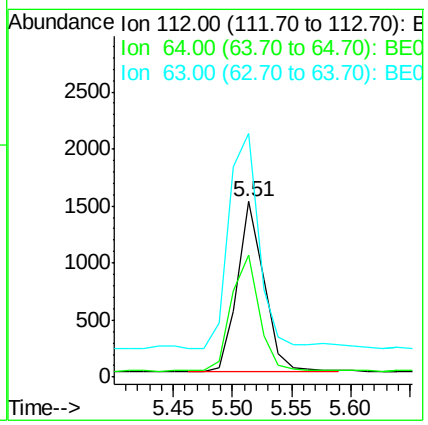
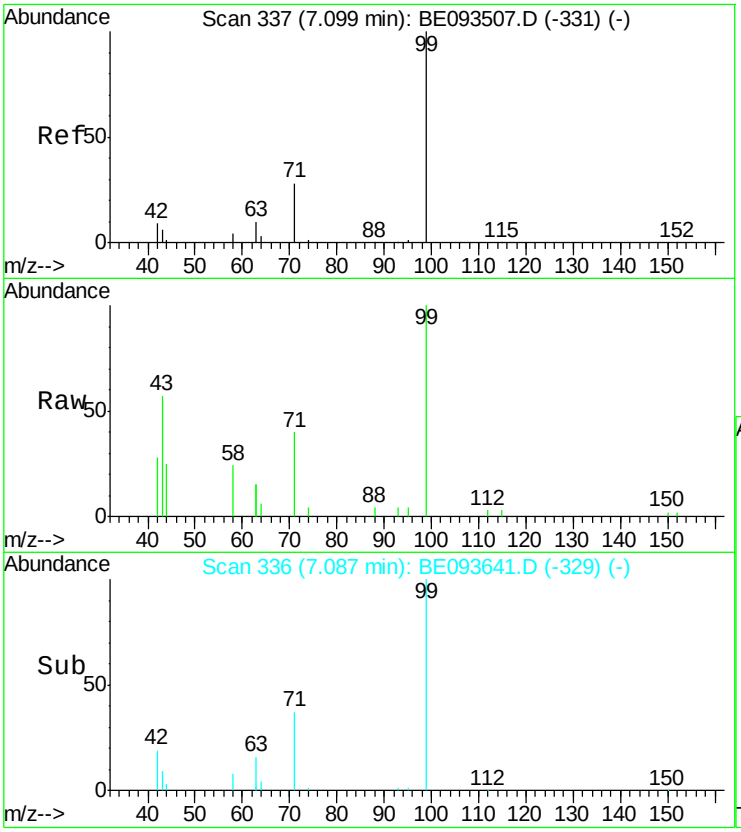


#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:112 Resp: 2334

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.4	84.6
63	143.4	29.3	43.9#

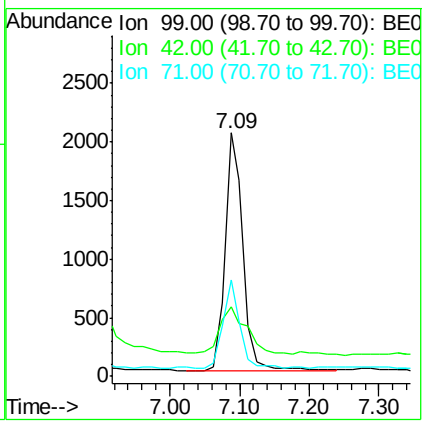




#5
Phenol-d6
Concen: 0.335 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.01 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion: 99 Resp: 3698

Ion	Ratio	Lower	Upper
99	100		
42	29.4	0.0	0.0#
71	34.6	0.0	0.0#



Instrument :
BNA_E
ClientSampleId :
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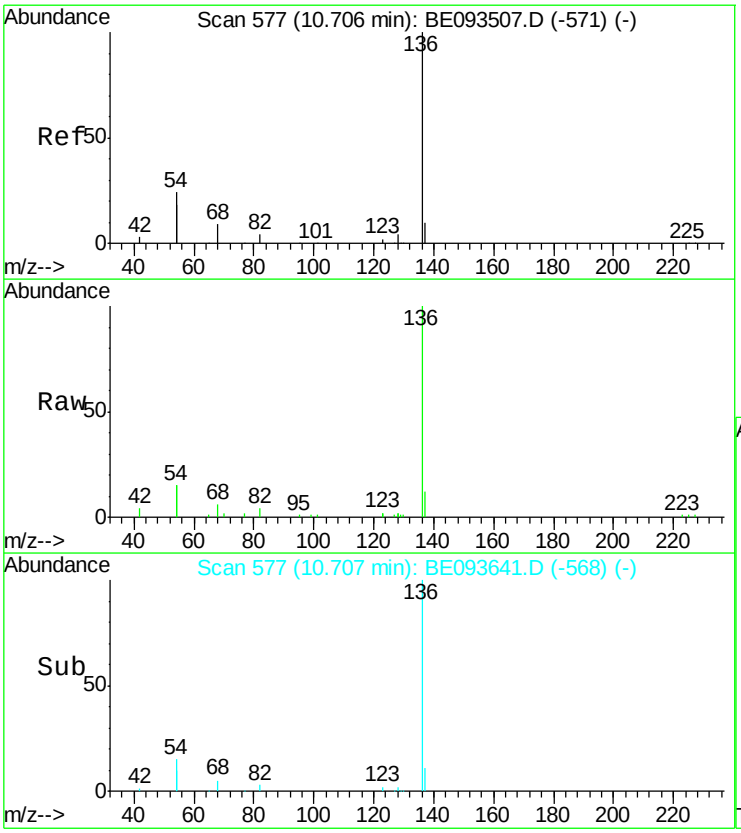
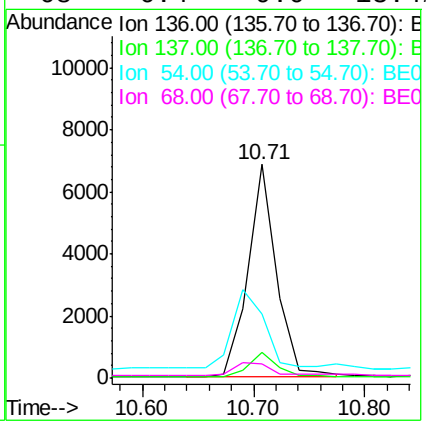
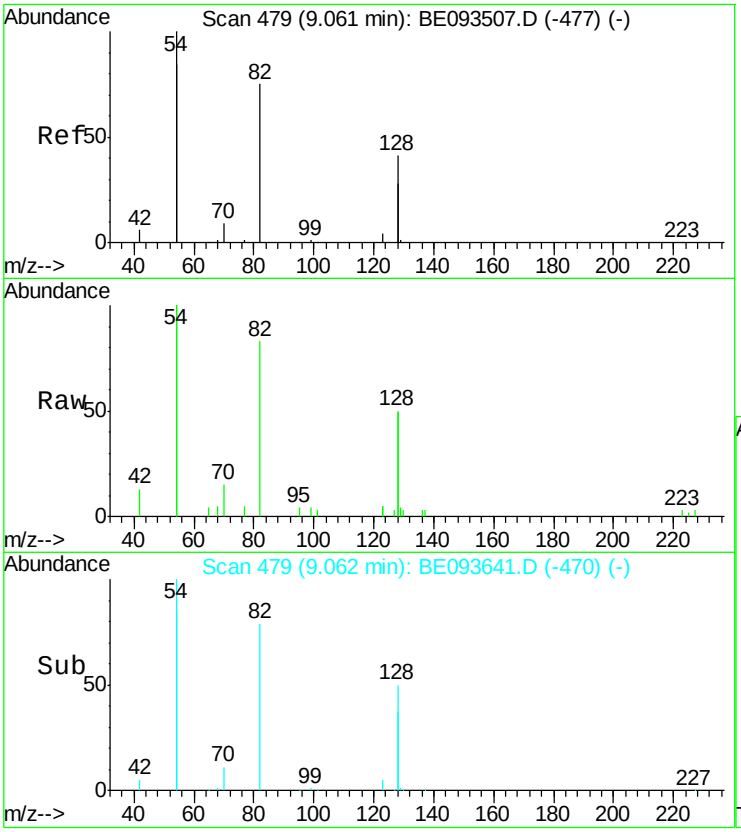


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:136 Resp: 12121

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.8
54	29.7	10.3	15.5#
68	6.4	9.0	13.4#





#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion: 82 Resp: 2778

Ion	Ratio	Lower	Upper
82	100		
128	120.1	17.0	25.4#
54	242.2	53.8	80.6#

Instrument :
BNA_E
ClientSampleId :
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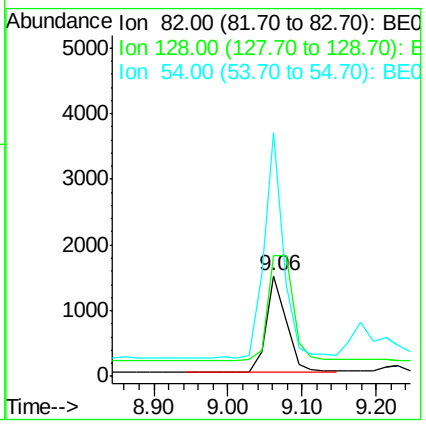
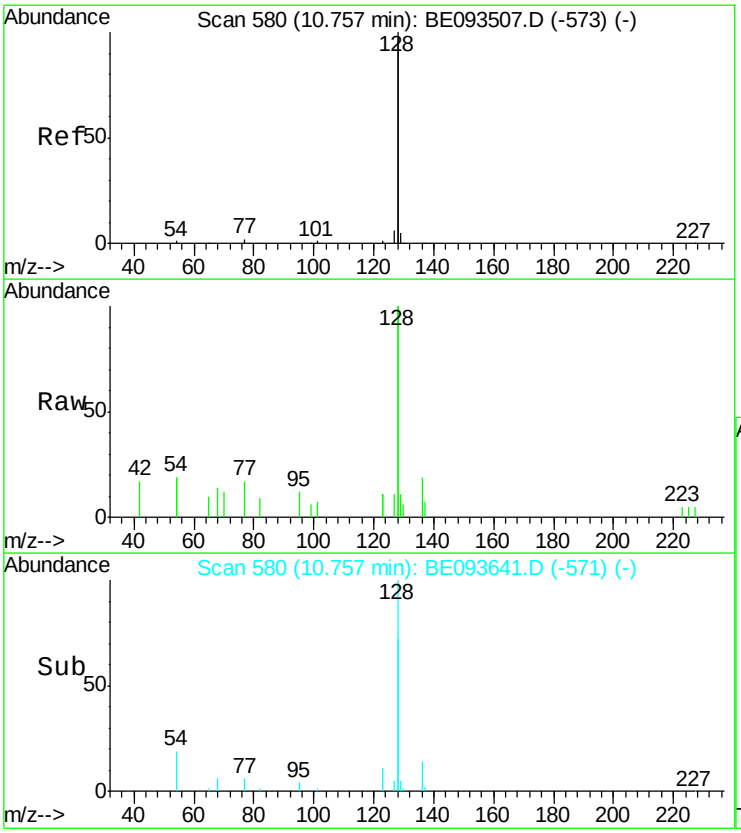
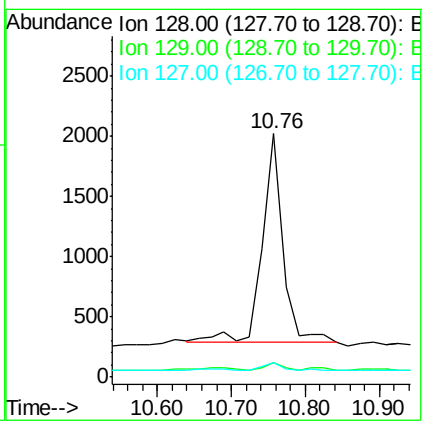


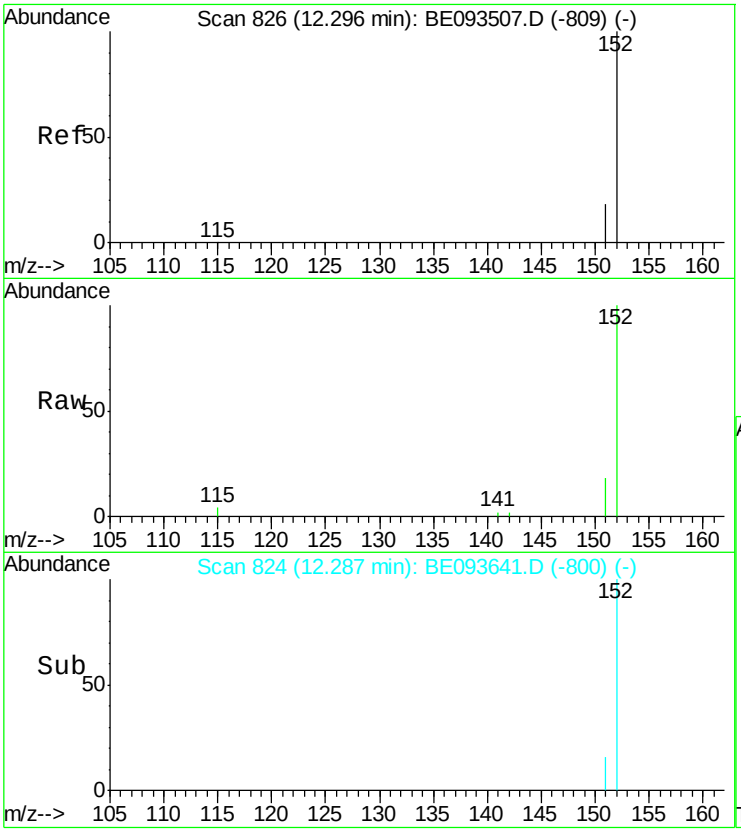


#9
Naphthalene
Concen: 0.024 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:128 Resp: 3388

Ion	Ratio	Lower	Upper
128	100		
129	5.7	2.4	3.6#
127	5.7	2.4	3.6#

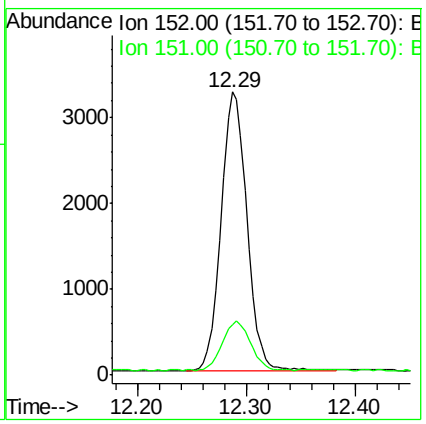




#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:152 Resp: 5324

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7



Instrument :
BNA_E
ClientSampleId :
CSSB-28-2

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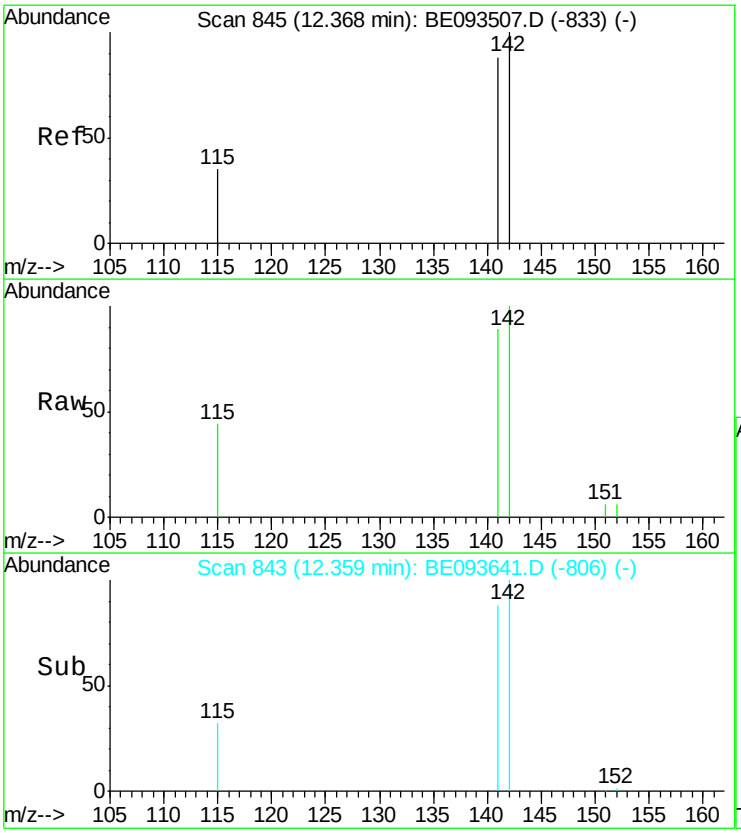
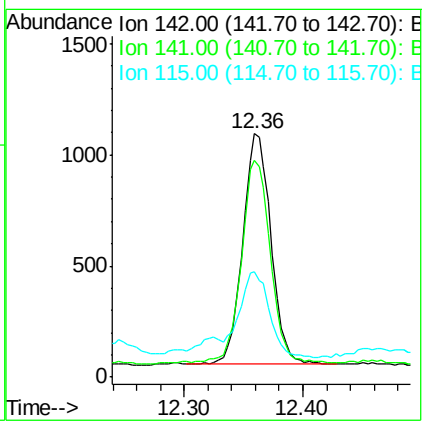
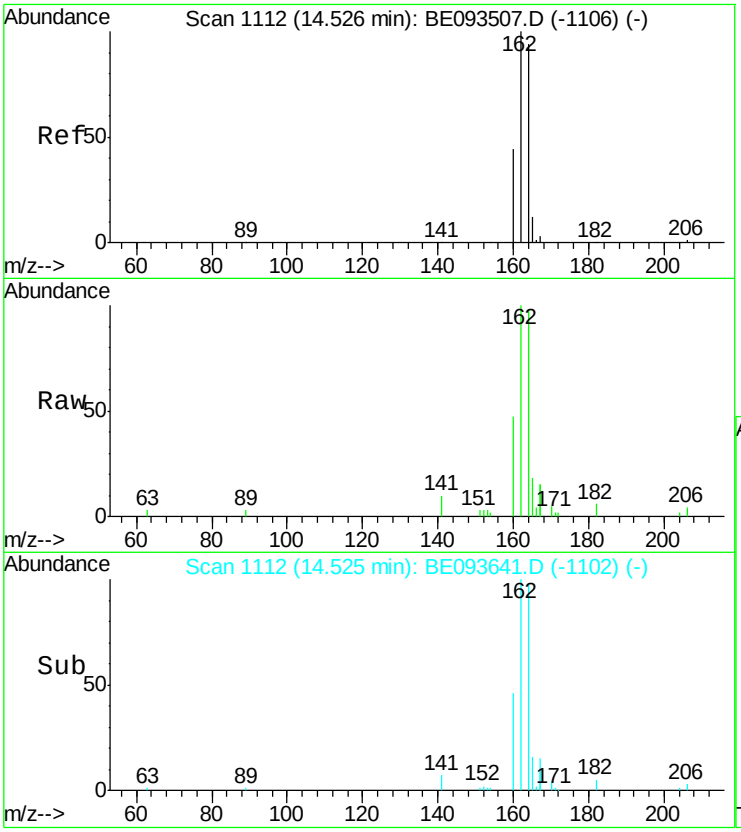


#12
2-Methylnaphthalene
Concen: 0.075 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:142 Resp: 1733

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8
115	43.5	32.2	48.2

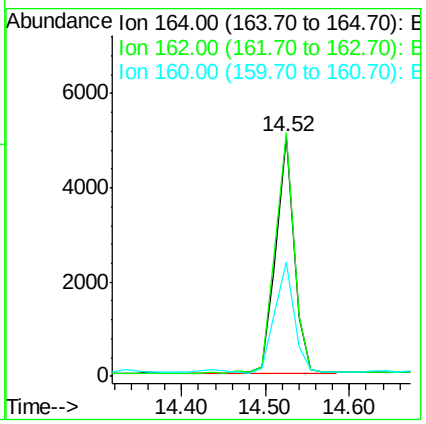




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:164 Resp: 7642

Ion	Ratio	Lower	Upper
164	100		
162	101.7	84.6	127.0
160	47.8	41.8	62.6



Instrument :
BNA_E
ClientSampleId :
CSSB-28-2

Manual Integrations APPROVED
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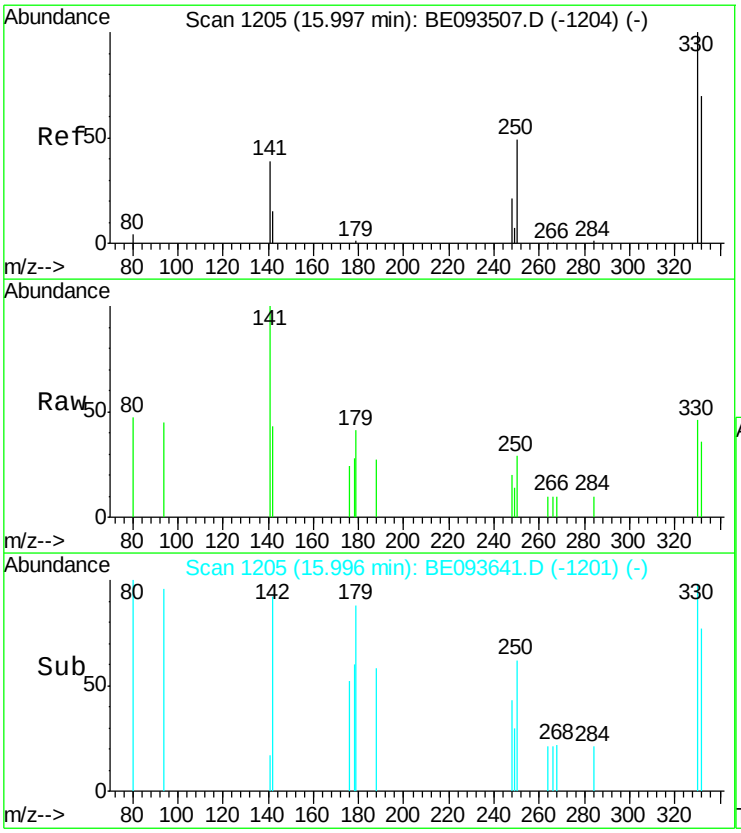
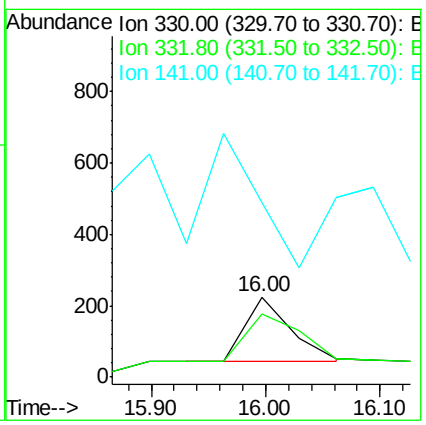
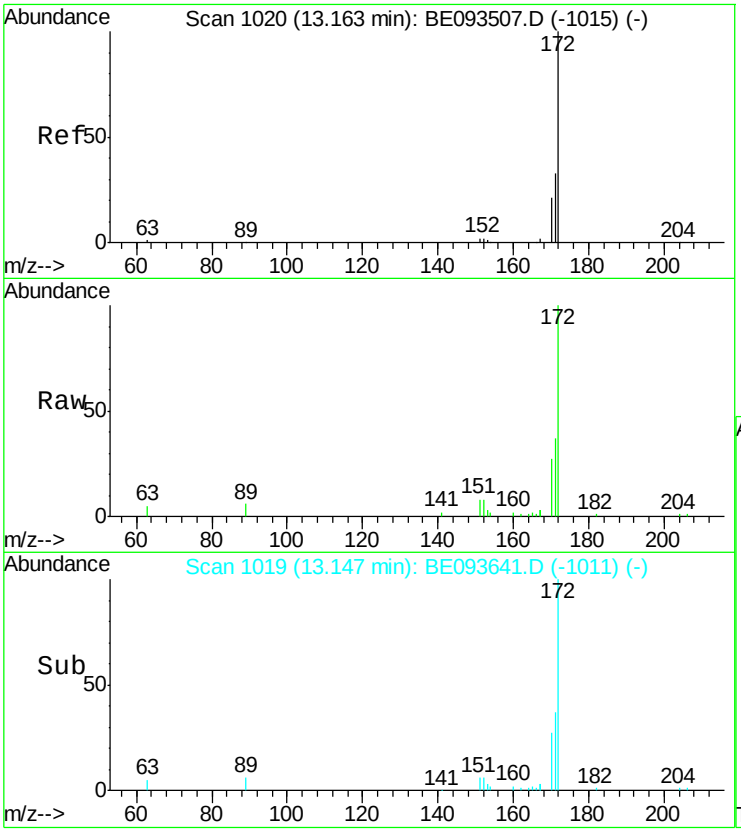


#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:330 Resp: 497

Ion	Ratio	Lower	Upper
330	100		
332	89.3	77.7	116.5
141	0.0	56.2	84.4#

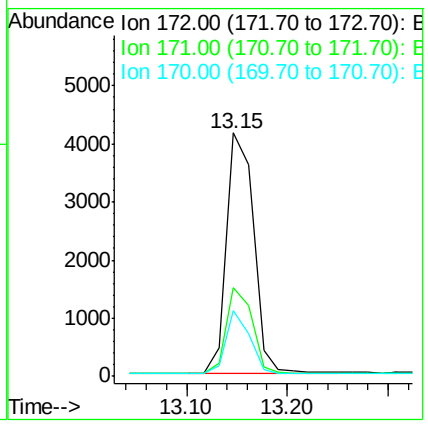




#15
2-Fluorobiphenyl
Concen: 0.252 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:172 Resp: 7715

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	27.0	20.7	31.1



Instrument :
BNA_E
ClientSampleId :
CSSB-28-2

Manual Integrations APPROVED
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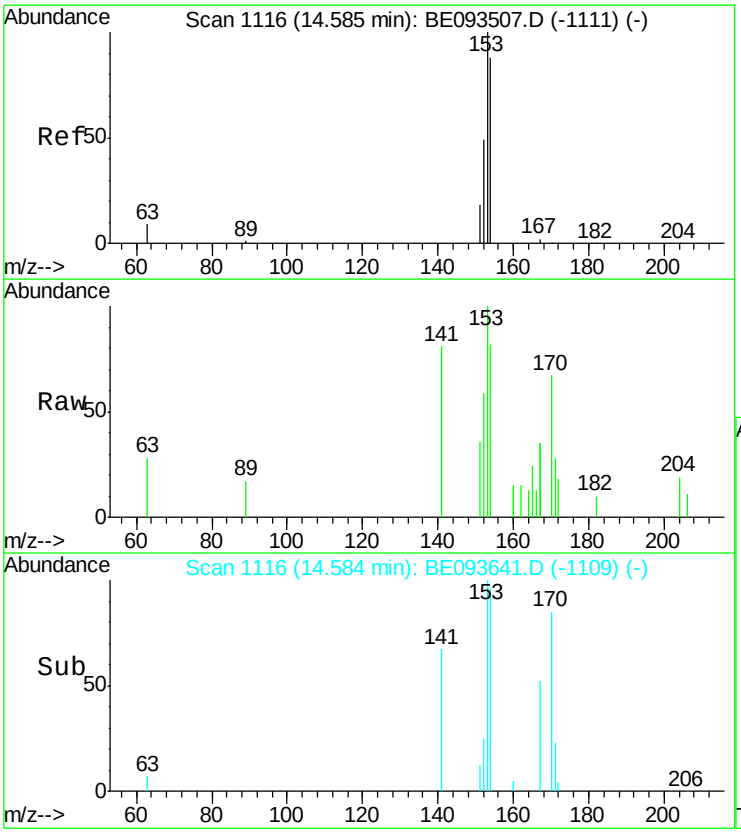
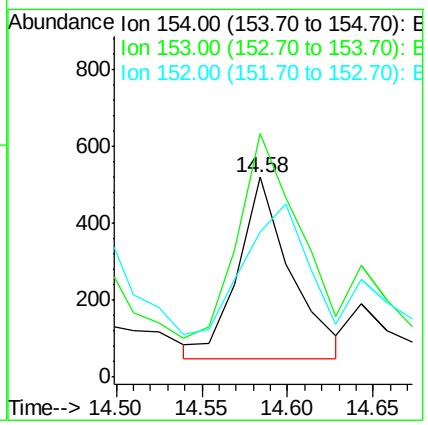
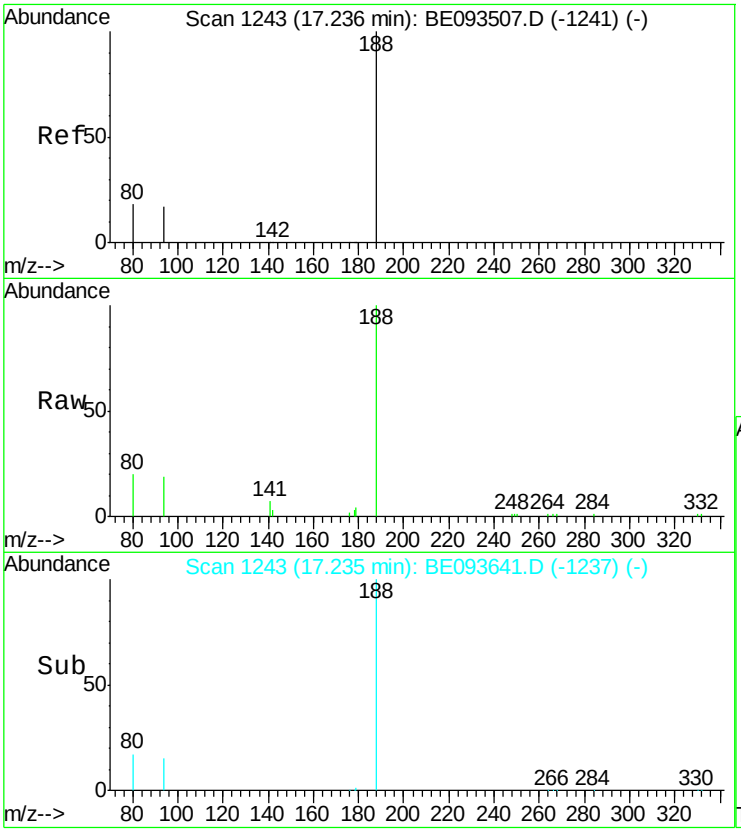


#17
Acenaphthene
Concen: 0.039 ng m
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:154 Resp: 1007

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





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:188 Resp: 17593

Ion	Ratio	Lower	Upper
188	100		
94	18.8	11.3	16.9#
80	20.1	11.7	17.5#

Instrument :
BNA_E
ClientSampleId :
CSSB-28-2

Manual Integrations APPROVED
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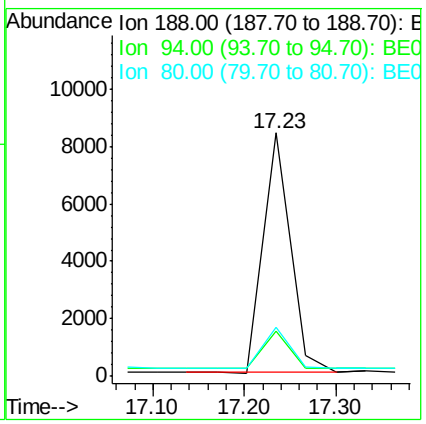
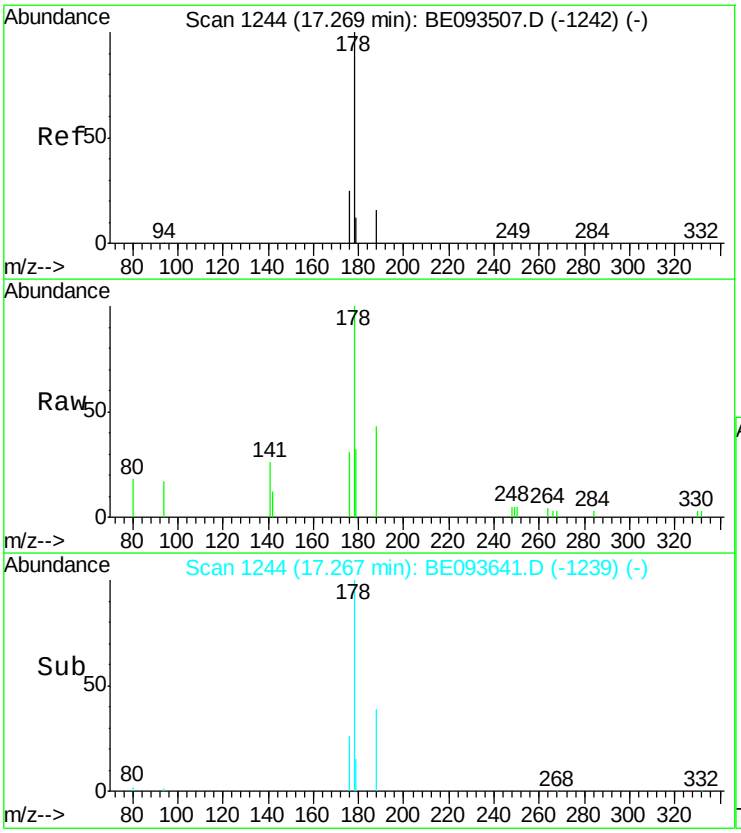
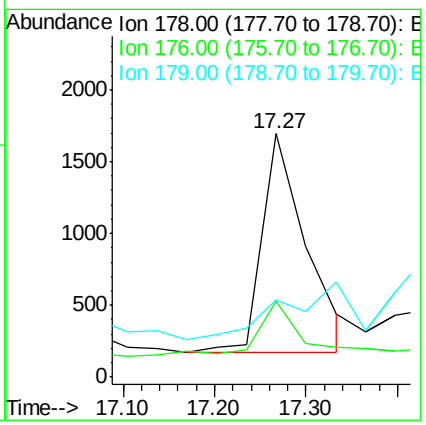


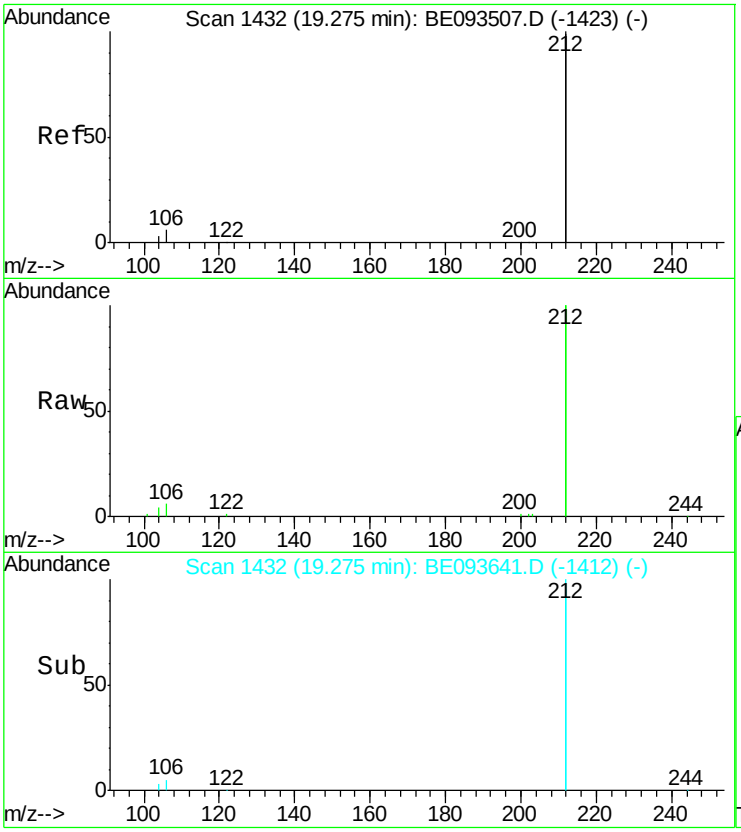


#23
Phenanthrene
Concen: 0.132 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:178 Resp: 5093

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.4
179	0.0	12.7	19.1#





#25
Fluoranthene-d10
Concen: 0.281 ng
RT: 19.28 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Instrument :
BNA_E
ClientSampleId :
CSSB-28-2

Manual Integrations APPROVED
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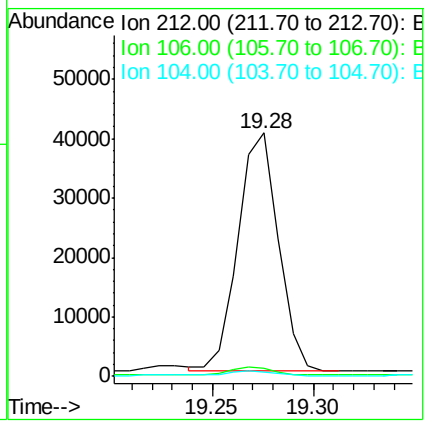
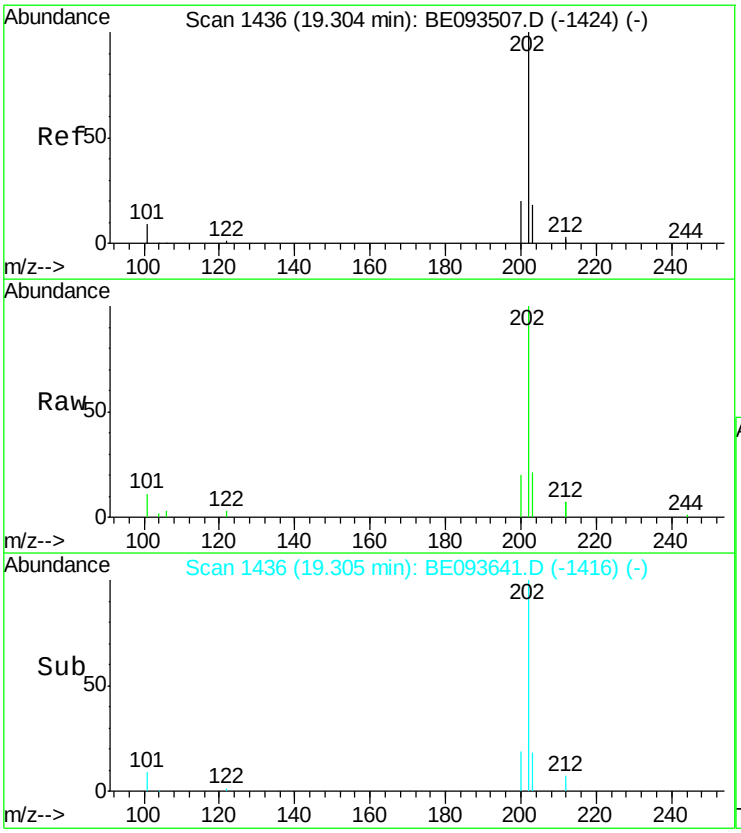
8/3/2017 6:24:28 PM

Tgt Ion:212 Resp: 56144

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.4	3.6#
104	2.4	1.6	2.4#

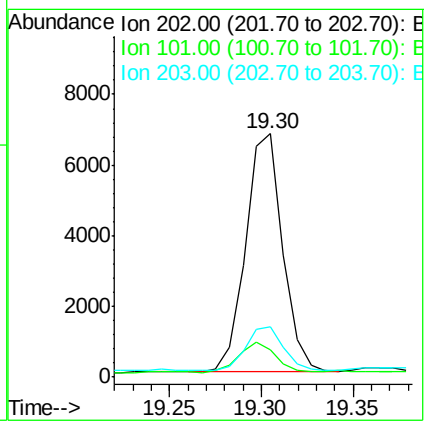


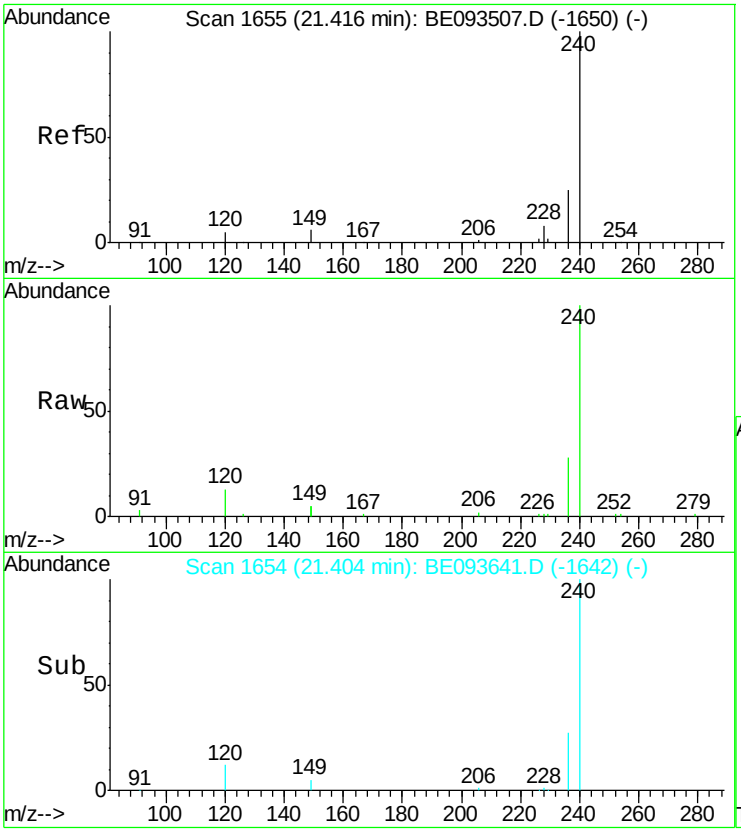


#26
Fluoranthene
Concen: 0.154 ng
RT: 19.30 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:202 Resp: 9516

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.6	14.4
203	18.1	14.4	21.6





#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:240 Resp: 19178

Ion	Ratio	Lower	Upper
240	100		
120	13.2	4.6	7.0#
236	27.8	20.8	31.2

Instrument :
BNA_E
ClientSampleId :
CSSB-28-2

Manual Integrations APPROVED
Sohil
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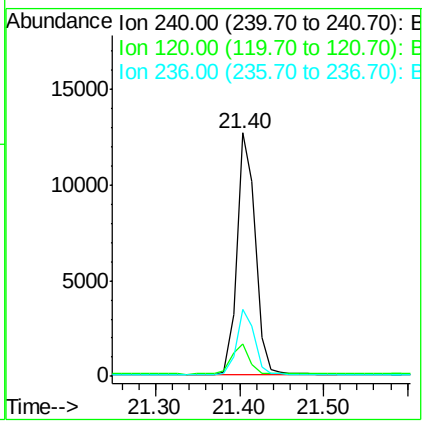
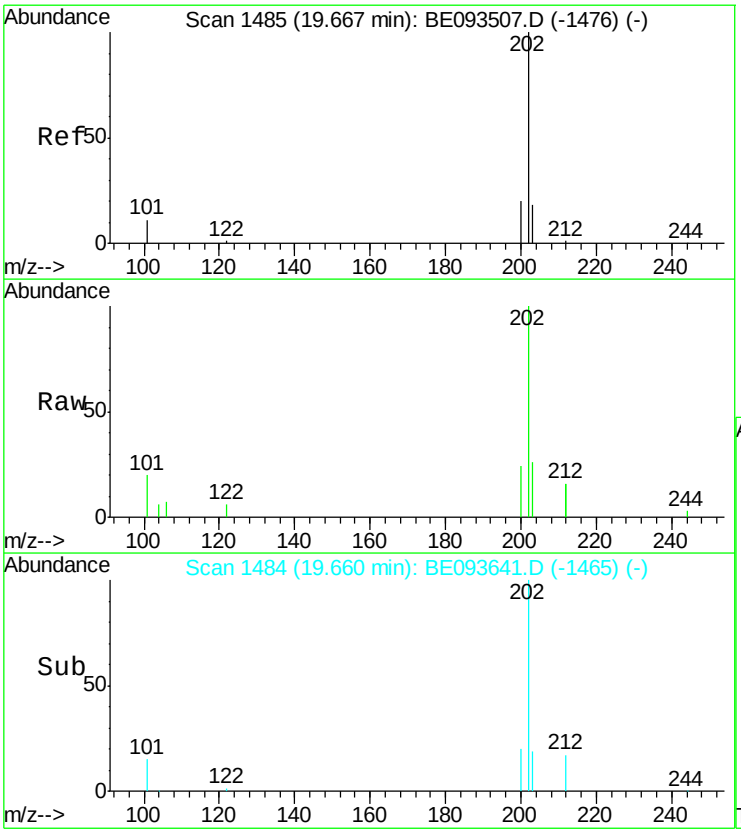
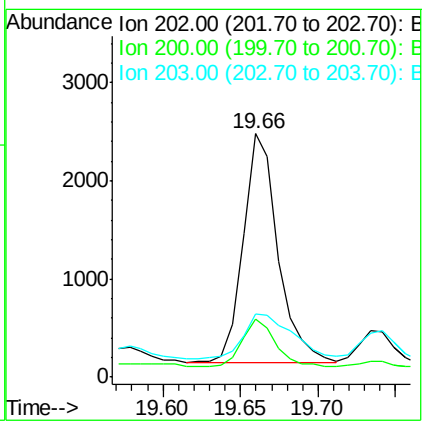


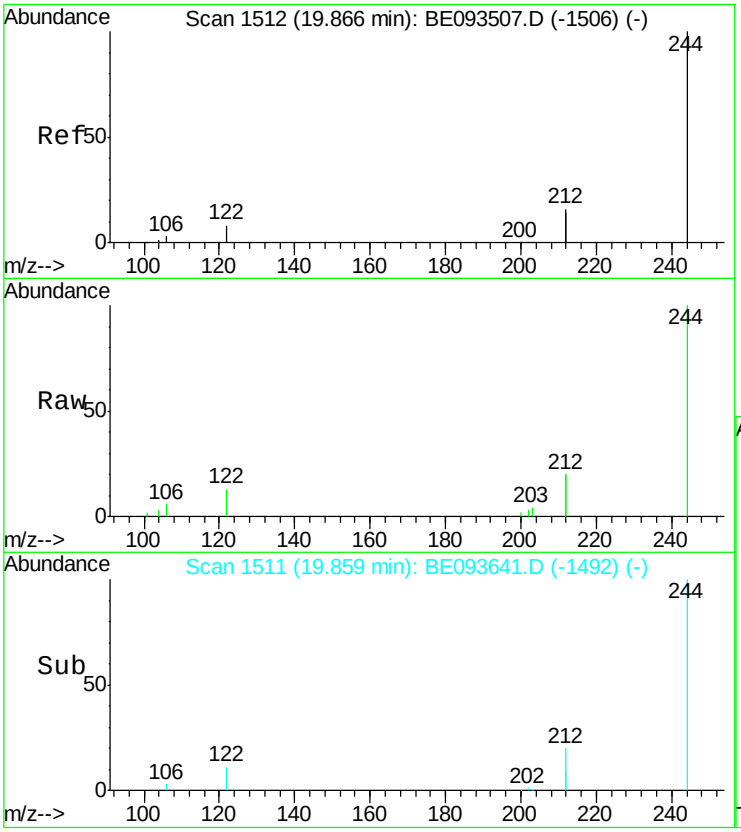


#28
Pyrene
Concen: 0.059 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:202 Resp: 3634

Ion	Ratio	Lower	Upper
202	100		
200	19.4	0.0	0.0#
203	27.8	13.7	20.5#





#29
Terphenyl-d14
Concen: 0.254 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:244 Resp: 8754

Ion	Ratio	Lower	Upper
244	100		
212	39.2	10.6	16.0#
122	12.7	15.4	23.0#

Instrument :
BNA_E
ClientSampleId :
CSSB-28-2

Manual Integrations APPROVED
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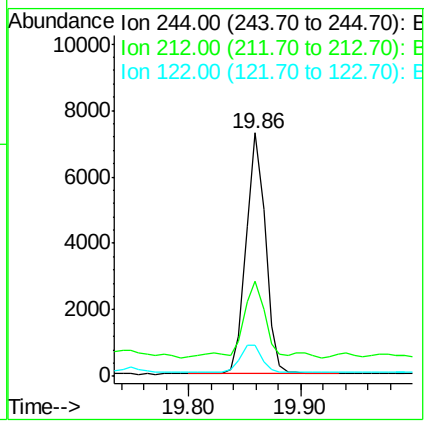
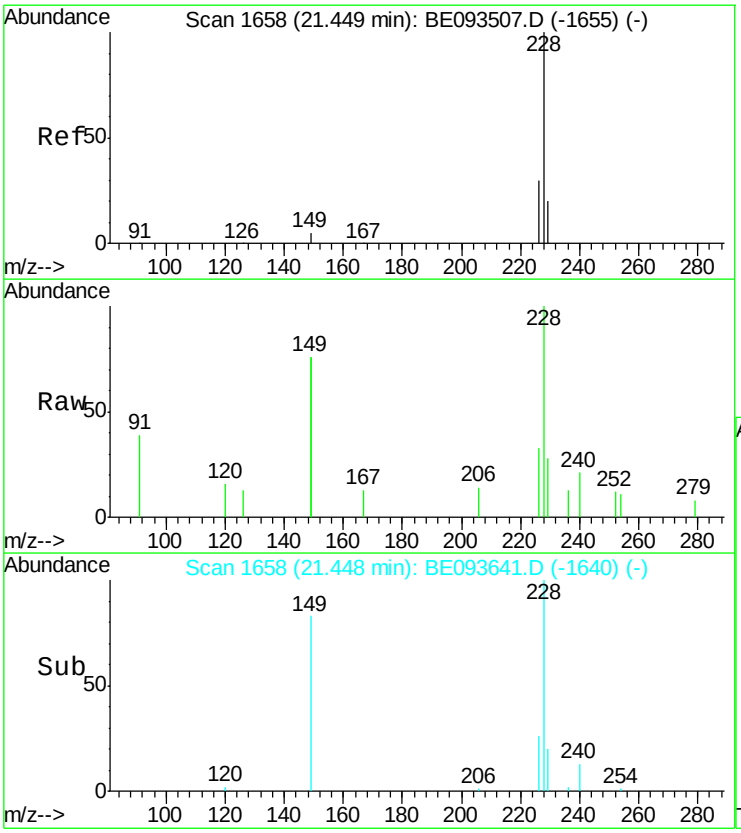
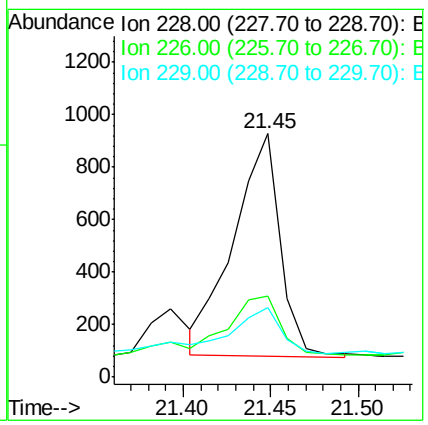


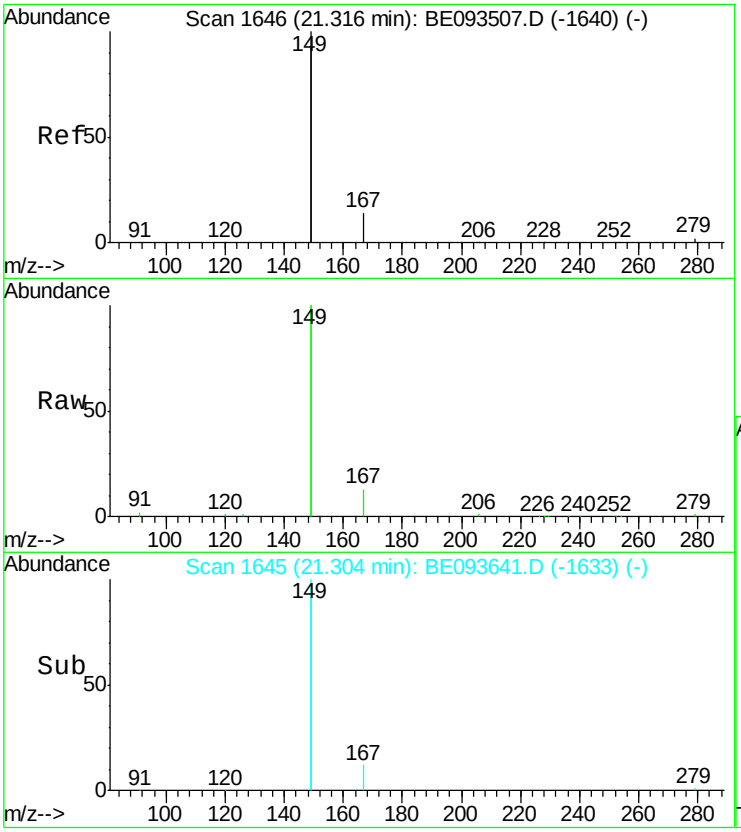


#31
Chrysene
Concen: 0.025 ng m
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:228 Resp: 1562

Ion	Ratio	Lower	Upper
228	100		
226	33.4	21.5	32.3#
229	28.3	18.6	28.0#





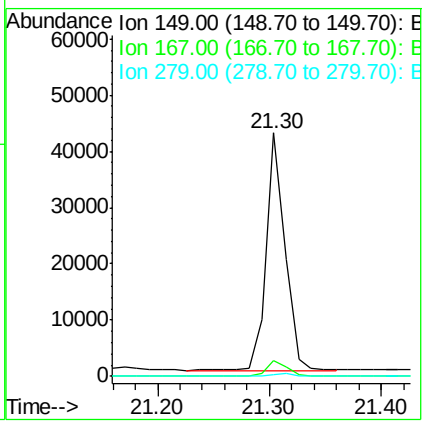
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.644 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

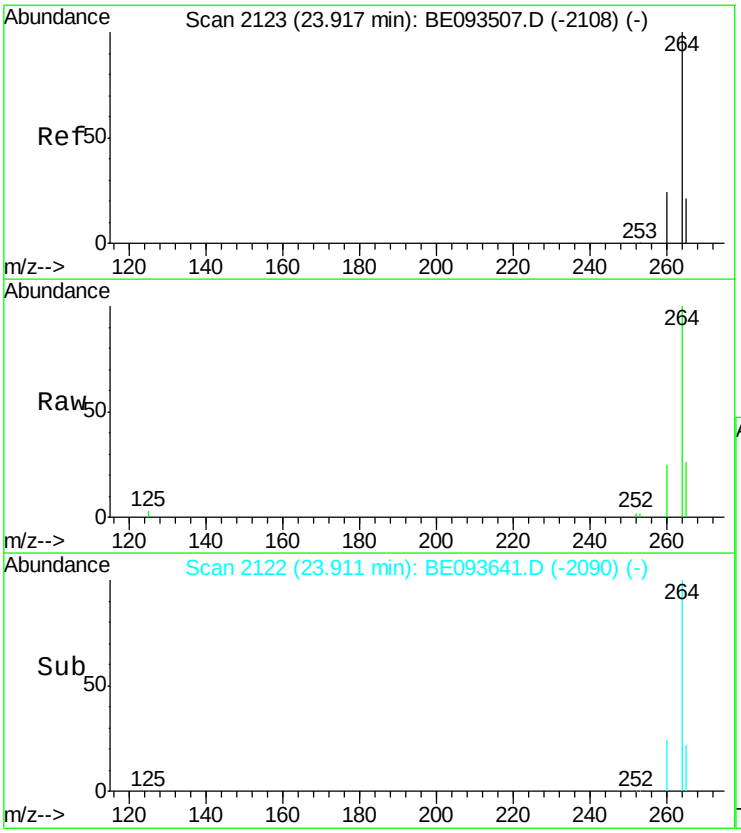
Tgt Ion:149 Resp: 49497

Ion	Ratio	Lower	Upper
149	100		
167	6.5	4.8	7.2
279	0.9	0.8	1.2

Instrument :
BNA_E
ClientSampleId :
CSSB-28-2

Manual Integrations APPROVED
Sohil
8/3/2017 6:24:28 PM





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE093641.D
Acq: 3 Aug 2017 00:15

Tgt Ion:264 Resp: 16686

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.0	31.4
265	26.5	24.6	36.8