Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
Data File : BE093654.D
Acq On : 3 Aug 2017 12:44
Operator : SJ/JU
Sample : I4425-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CSSB-27-2

Quant Time: Aug 04 04:35:33 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	7.93	152	3067	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	15471	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	9655	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	21441	0.40	ng		0.00
27) Chrysene-d12	21.40	240	22472	0.40	ng		-0.01
34) Perylene-d12	23.91	264	20147	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	2898	0.32	ng		0.00
5) Phenol-d6	7.10	99	4562	0.33	ng		0.00
8) Nitrobenzene-d5	9.06	82	3970	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	5985	0.24	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	632	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	8215	0.21	ng		-0.02
25) Fluoranthene-d10	19.27	212	54877	0.23	ng		0.00
29) Terphenyl-d14	19.86	244	8526	0.21	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.76	128	44572	0.249	ng	#	96
12) 2-Methylnaphthalene	12.36	142	18739	0.633	ng		99
17) Acenaphthene	14.58	154	9302	0.286	ng	#	66
18) Fluorene	15.56	166	15613	0.359	ng	#	53
23) Phenanthrene	17.27	178	44571	0.945	ng	#	94
26) Fluoranthene	19.30	202	2184	0.029	ng	#	89
28) Pyrene	19.66	202	4839	0.067	ng	#	61
32) Bis(2-ethylhexyl)phthalate	21.30	149	18510	0.206	ng		98

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

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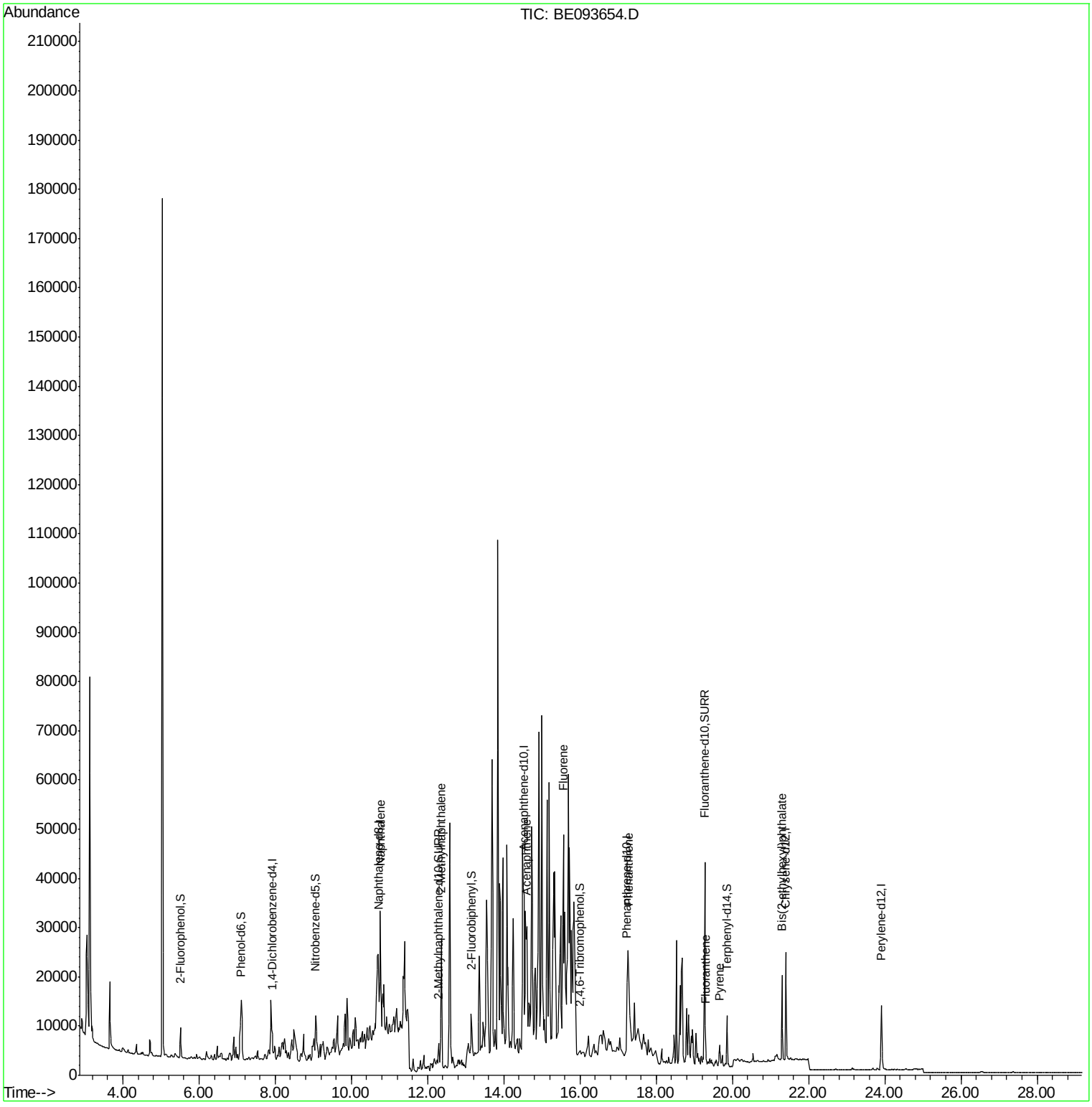
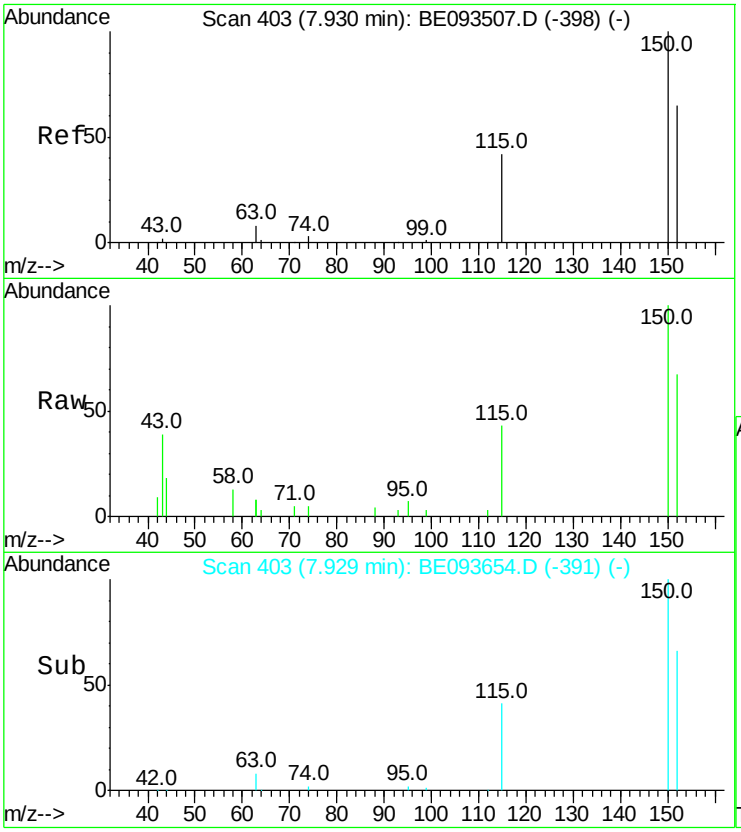


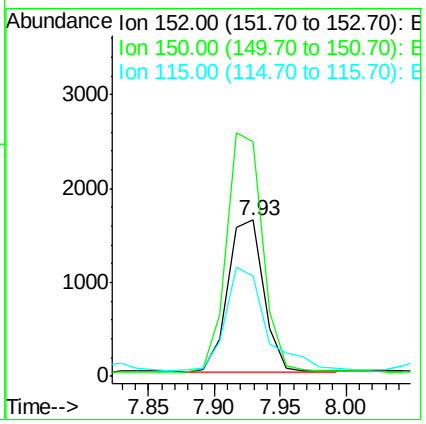


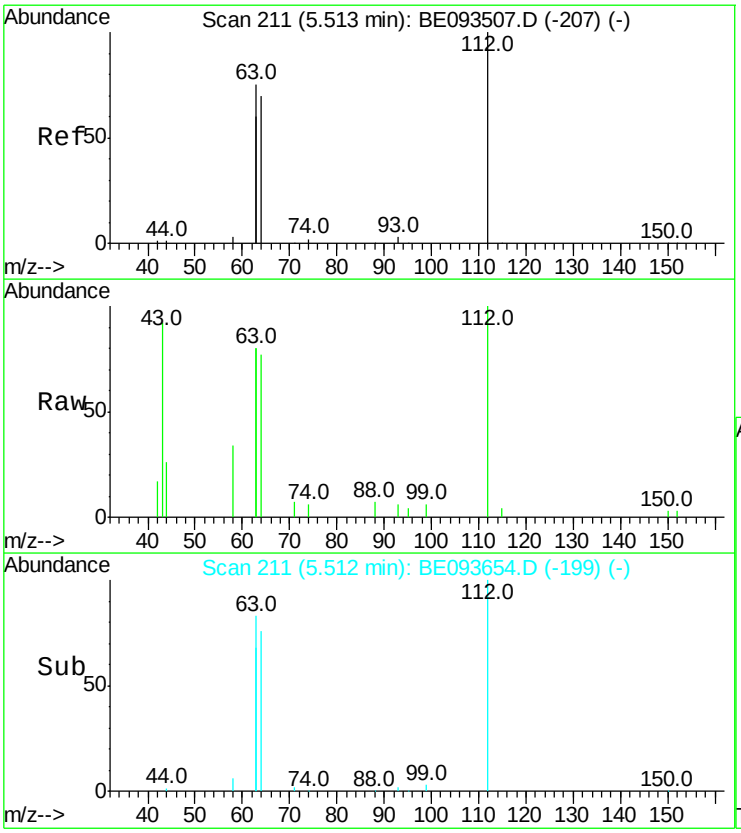
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Instrument :
BNA_E
ClientSampleId :
CSSB-27-2

Tgt Ion:152 Resp: 3067

Ion	Ratio	Lower	Upper
152	100		
150	150.1	125.1	187.7
115	64.5	55.7	83.5

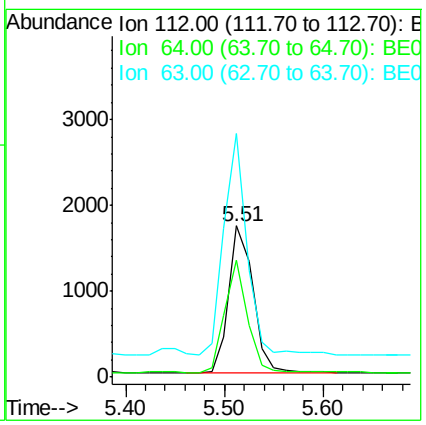


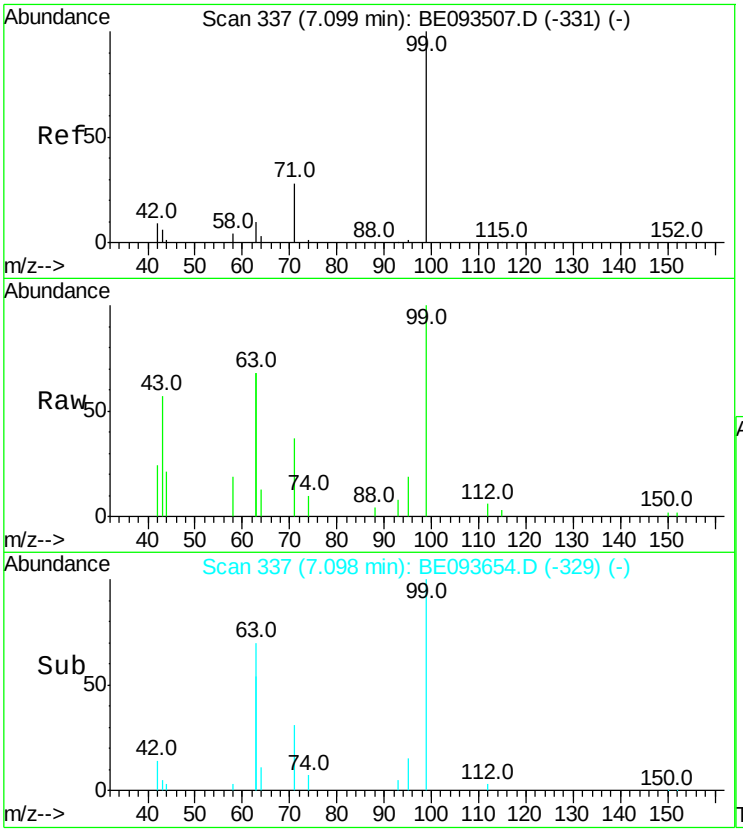


#4
2-Fluorophenol
Concen: 0.317 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Tgt Ion:112 Resp: 2898

Ion	Ratio	Lower	Upper
112	100		
64	70.4	56.4	84.6
63	143.9	29.3	43.9#



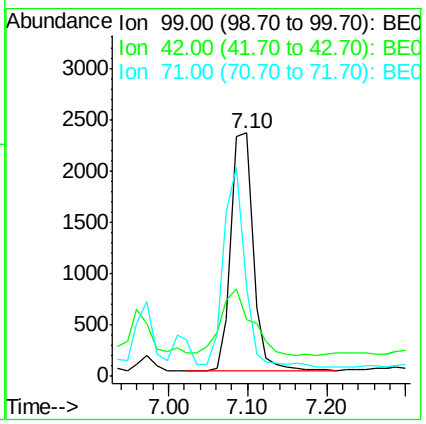


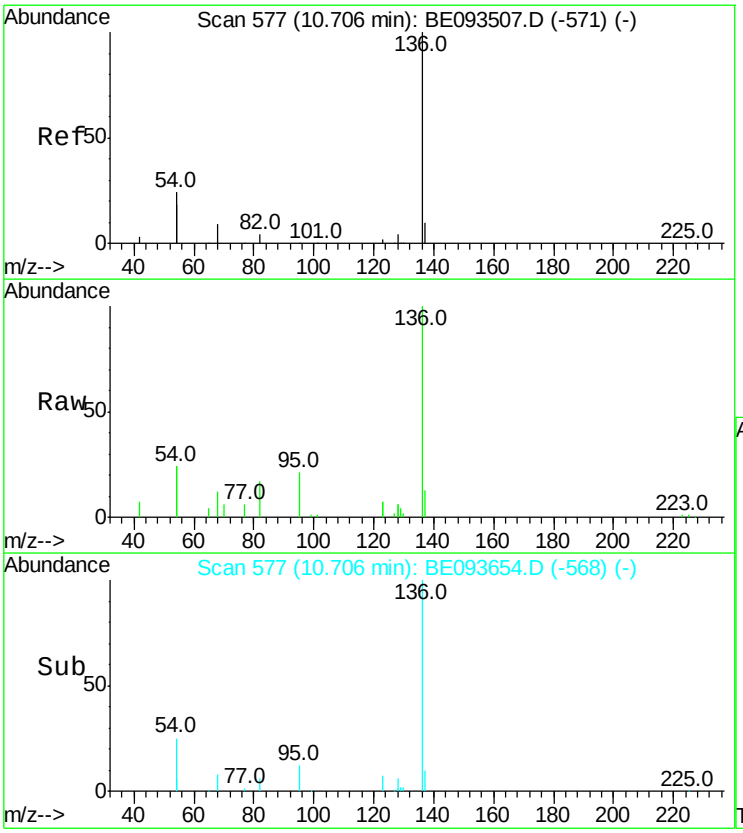
#5
Phenol-d6
Concen: 0.332 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Instrument :
BNA_E
ClientSampleId :
CSSB-27-2

Tgt Ion: 99 Resp: 4562

Ion	Ratio	Lower	Upper
99	100		
42	39.0	0.0	0.0#
71	80.8	0.0	0.0#

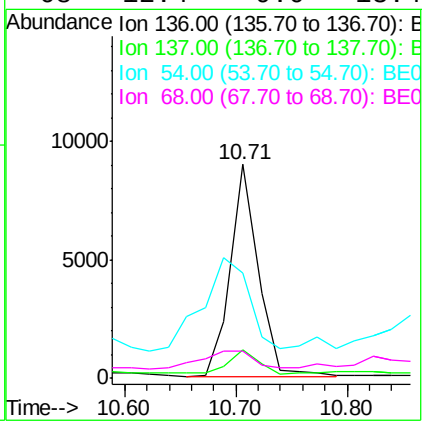


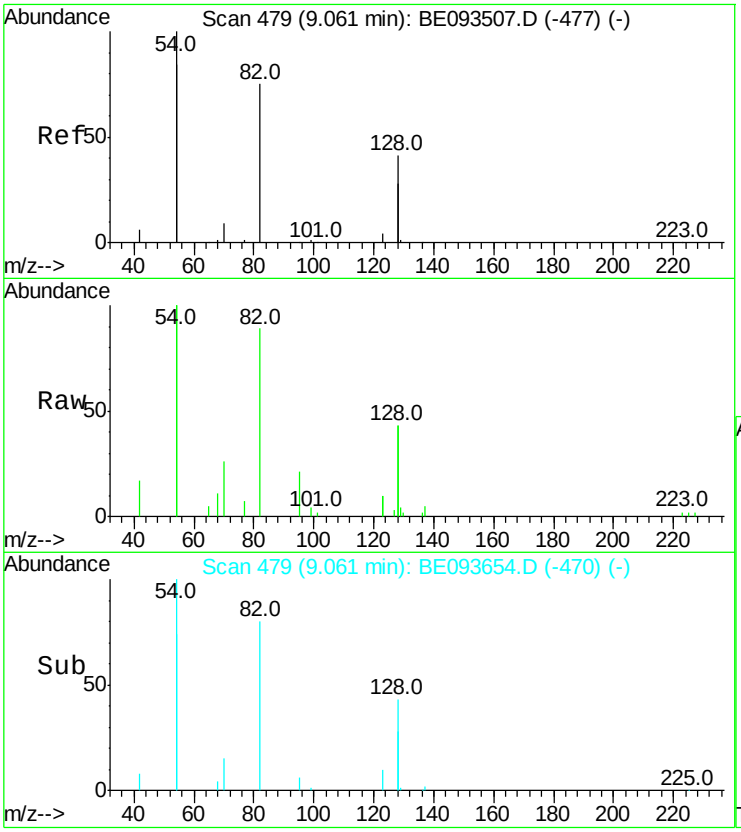


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Tgt Ion:136 Resp: 15471

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.8	14.8
54	49.0	10.3	15.5#
68	12.4	9.0	13.4



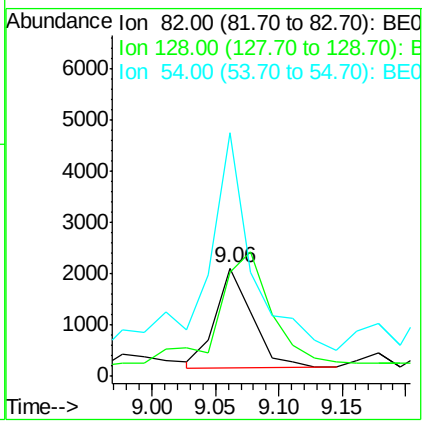


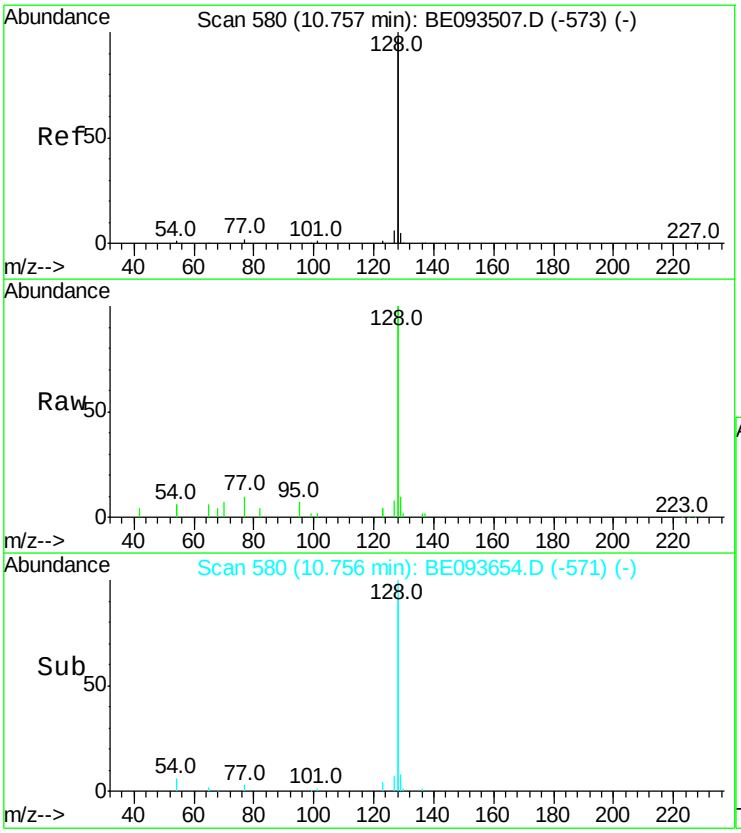
#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Instrument :
BNA_E
ClientSampleId :
CSSB-27-2

Tgt Ion: 82 Resp: 3970

Ion	Ratio	Lower	Upper
82	100		
128	96.2	17.0	25.4#
54	224.4	53.8	80.6#

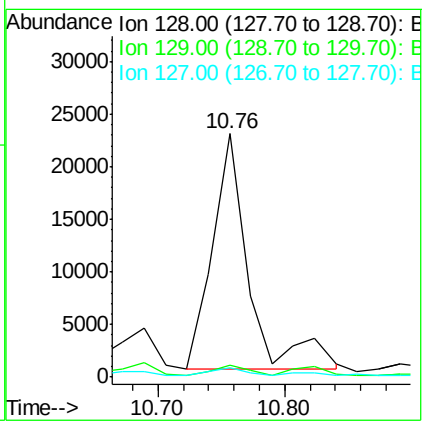


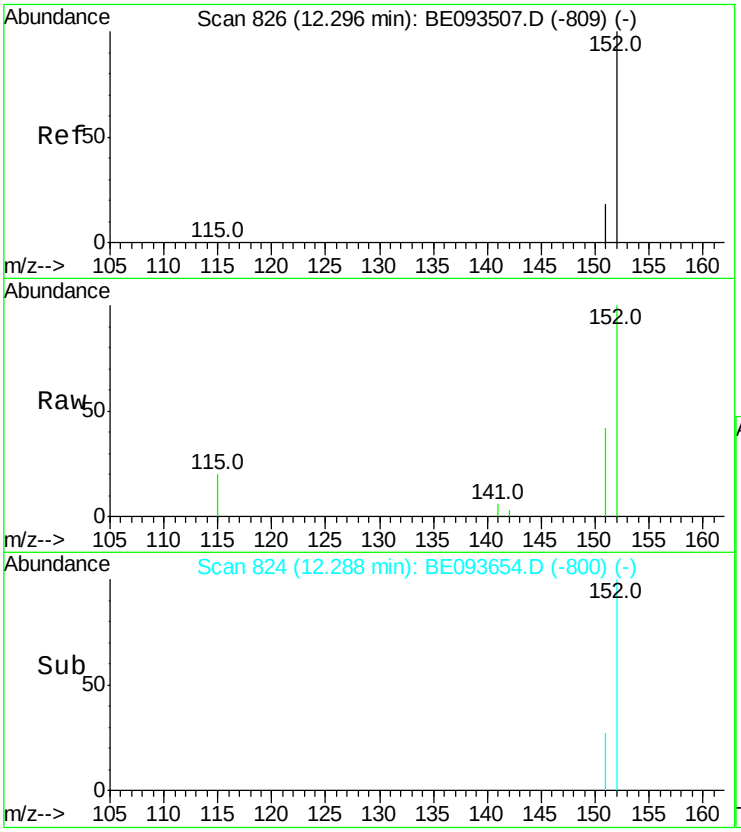


#9
Naphthalene
Concen: 0.249 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Tgt Ion:128 Resp: 44572

Ion	Ratio	Lower	Upper
128	100		
129	4.8	2.4	3.6#
127	4.0	2.4	3.6#



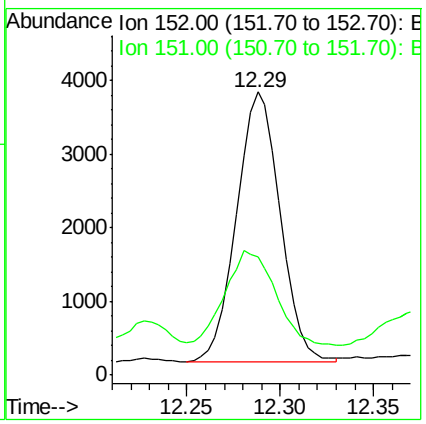


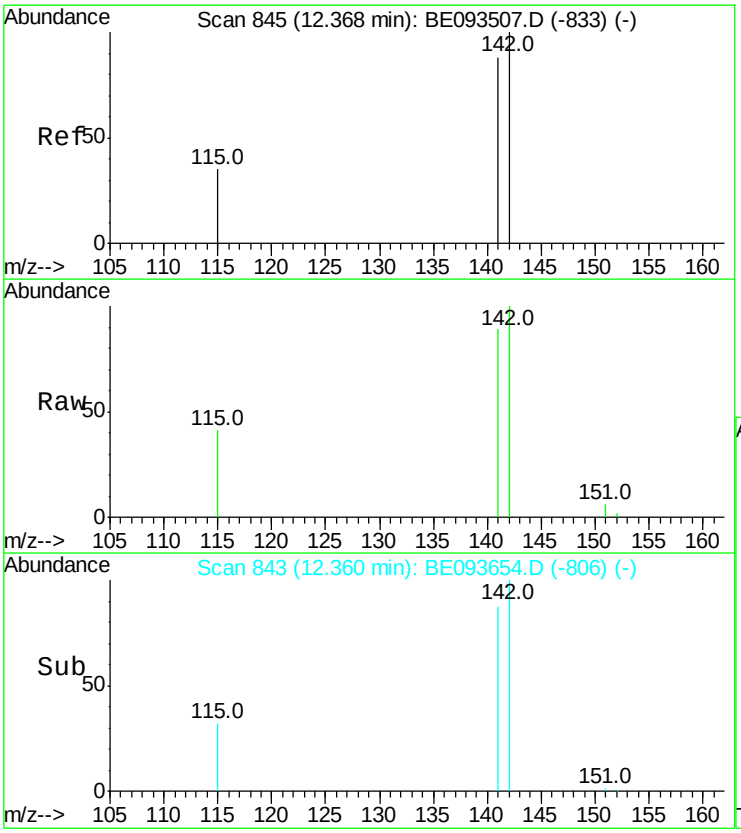
#11
2-Methylnaphthalene-d10
Concen: 0.245 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Instrument :
BNA_E
ClientSampleId :
CSSB-27-2

Tgt Ion:152 Resp: 5985

Ion	Ratio	Lower	Upper
152	100		
151	40.7	15.1	22.7#

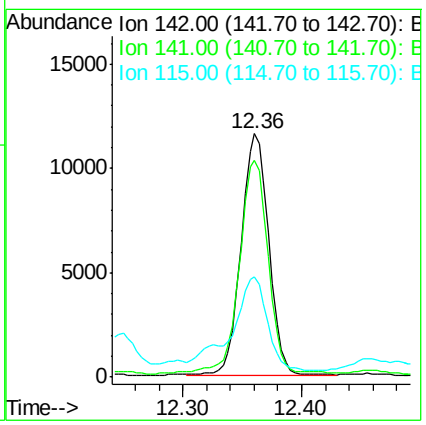


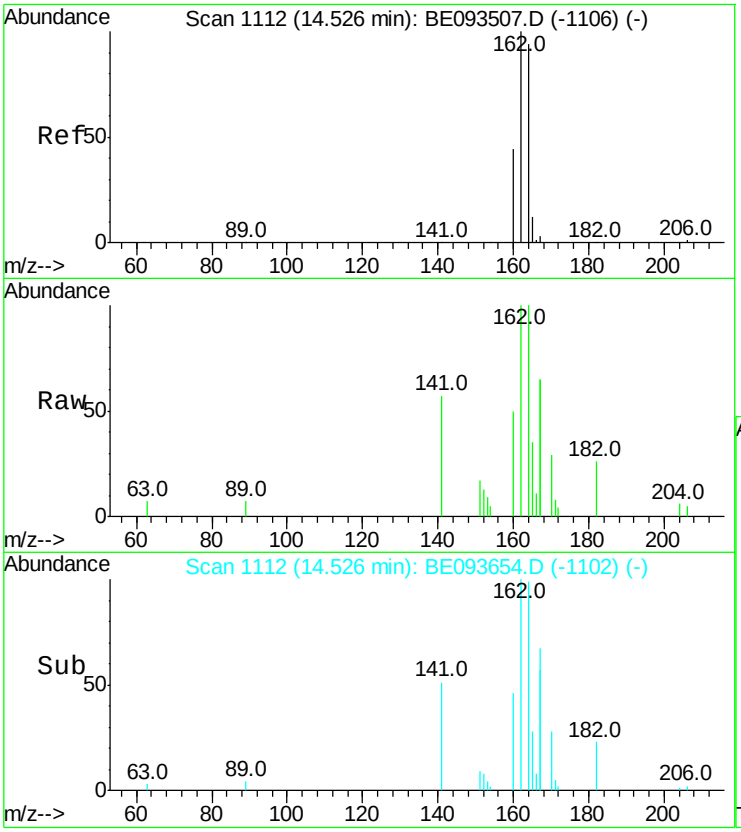


#12
2-Methylnaphthalene
Concen: 0.633 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Tgt Ion:142 Resp: 18739

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8
115	41.0	32.2	48.2



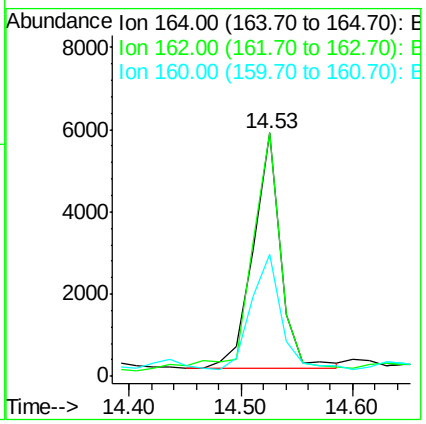


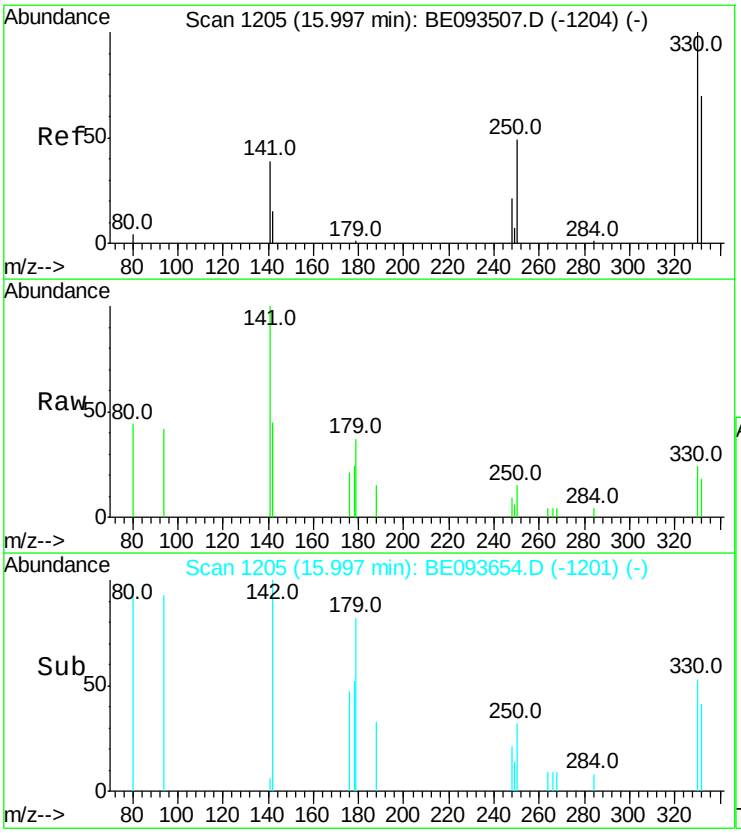
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Instrument :
BNA_E
ClientSampleId :
CSSB-27-2

Tgt Ion:164 Resp: 9655

Ion	Ratio	Lower	Upper
164	100		
162	100.1	84.6	127.0
160	50.0	41.8	62.6

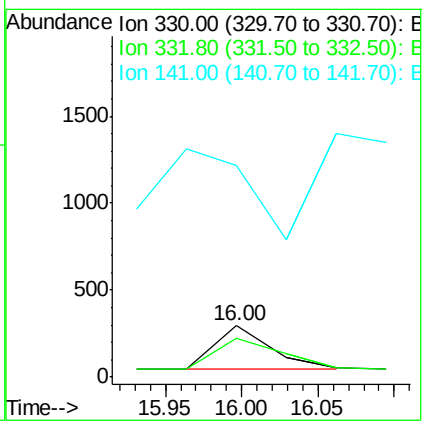


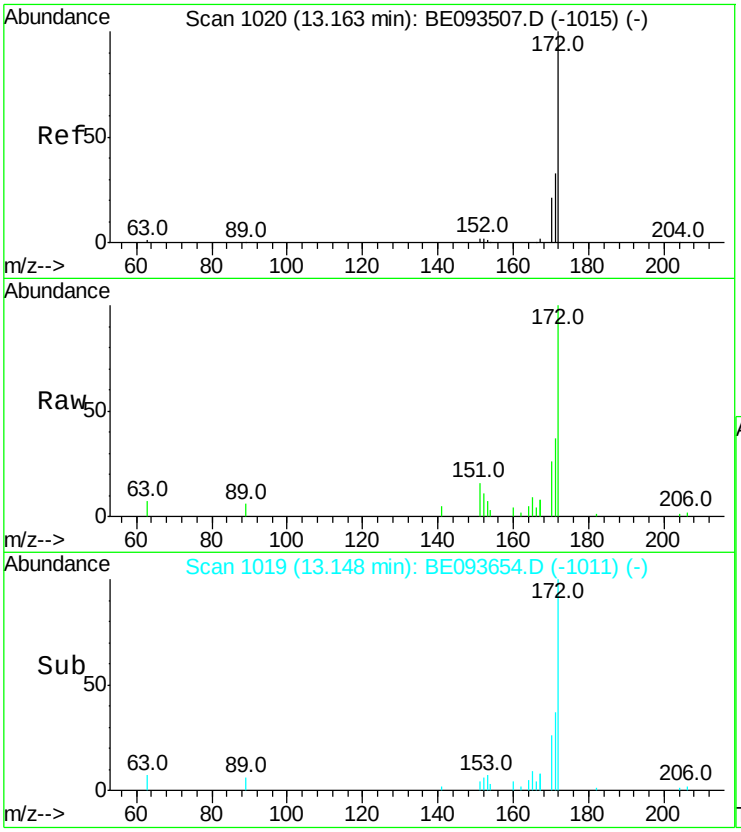


#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Tgt Ion:330 Resp: 632

Ion	Ratio	Lower	Upper
330	100		
332	85.8	77.7	116.5
141	0.0	56.2	84.4#



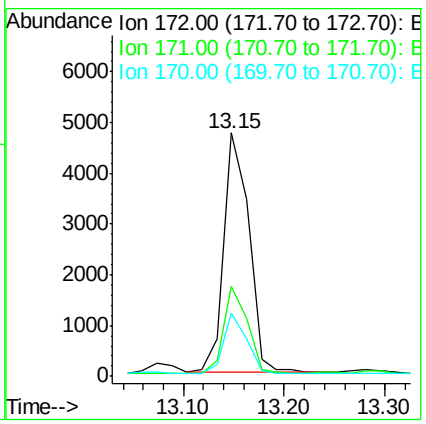


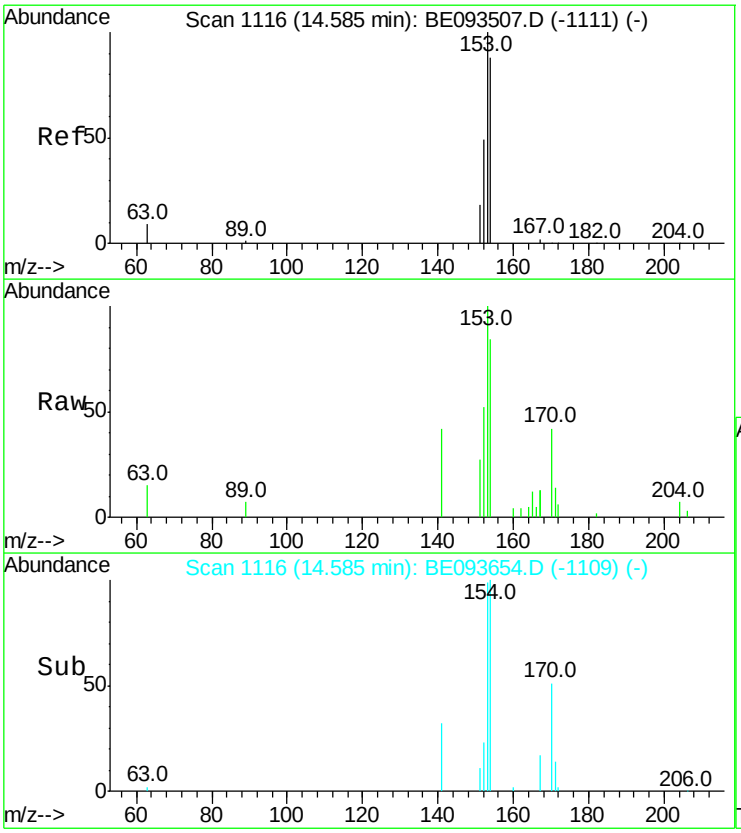
#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Instrument :
BNA_E
ClientSampleId :
CSSB-27-2

Tgt Ion:172 Resp: 8215

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	25.8	20.7	31.1

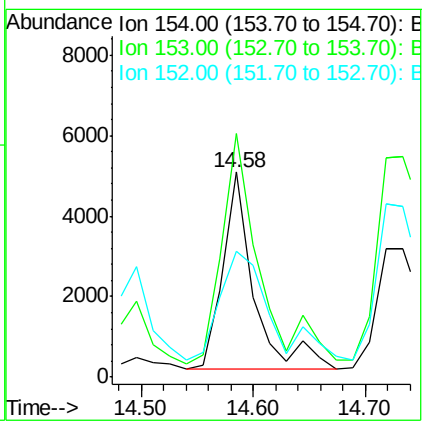


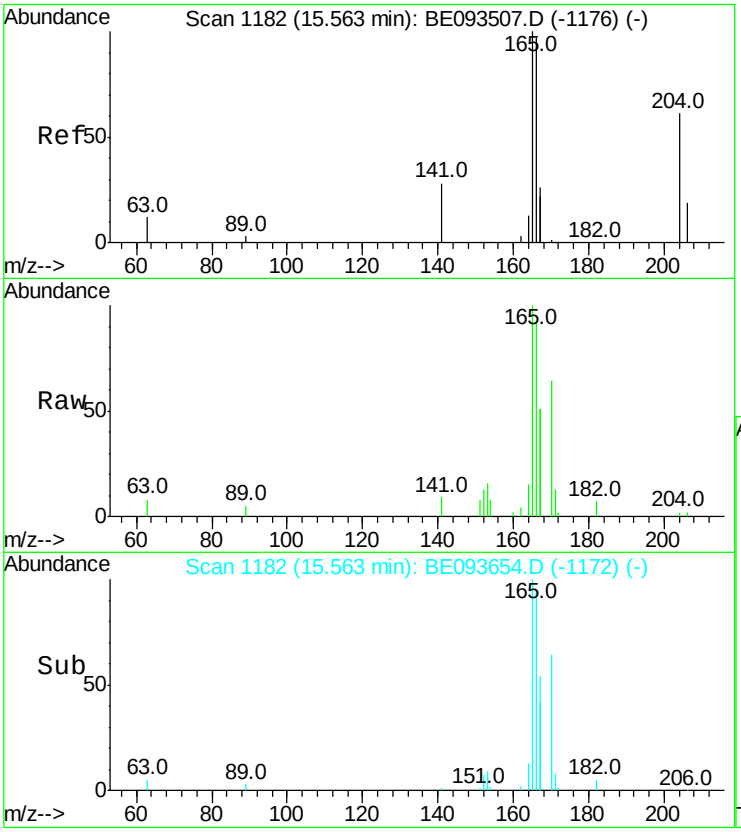


#17
Acenaphthene
Concen: 0.286 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Tgt Ion:154 Resp: 9302

Ion	Ratio	Lower	Upper
154	100		
153	143.6	91.2	136.8#
152	90.8	44.8	67.2#



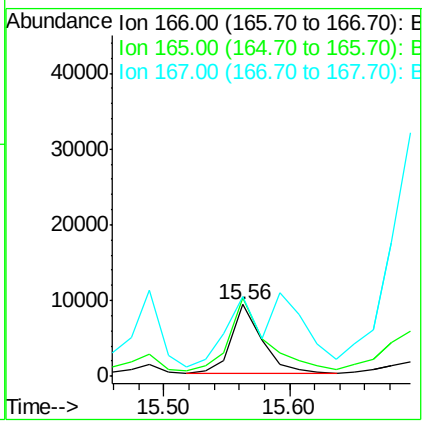


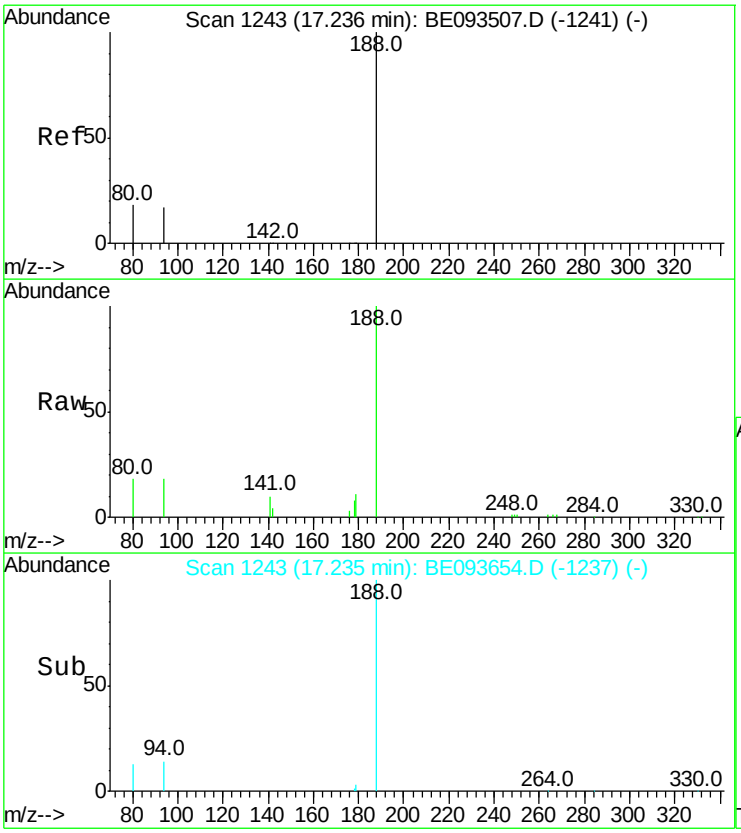
#18
Fluorene
Concen: 0.359 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Instrument :
BNA_E
ClientSampleId :
CSSB-27-2

Tgt Ion:166 Resp: 15613

Ion	Ratio	Lower	Upper
166	100		
165	119.4	78.6	117.8#
167	105.4	11.1	16.7#

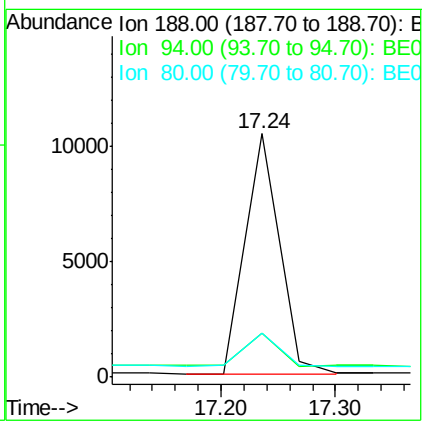


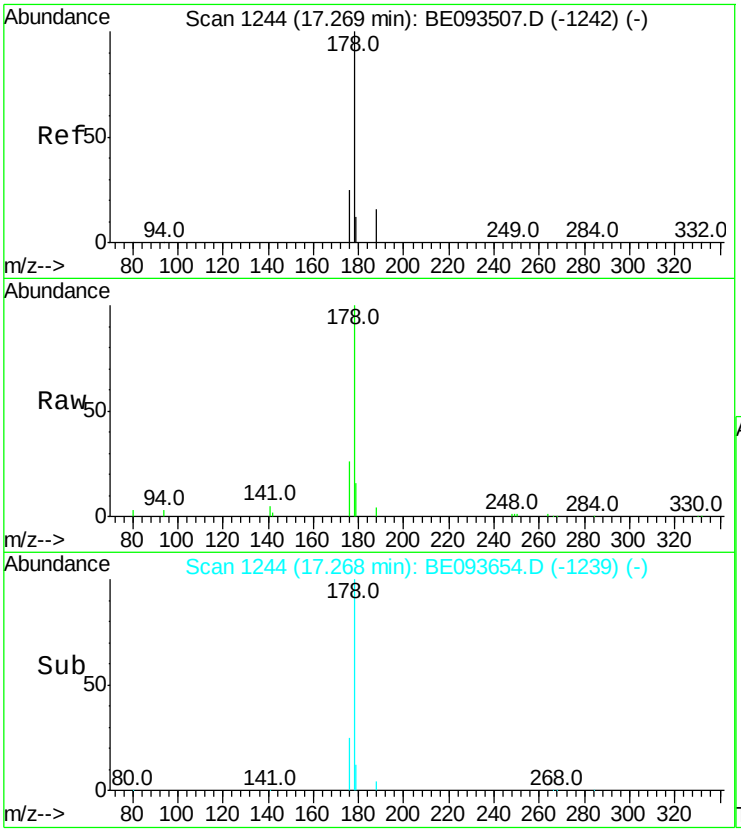


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Tgt Ion:188 Resp: 21441

Ion	Ratio	Lower	Upper
188	100		
94	18.3	11.3	16.9#
80	18.1	11.7	17.5#



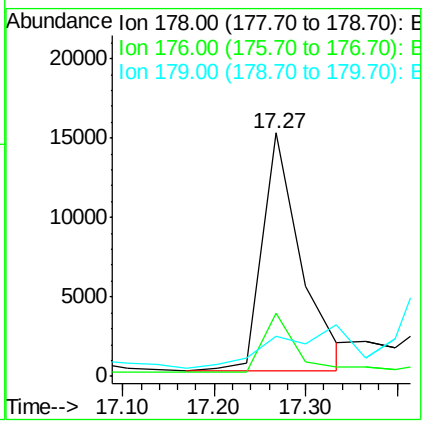


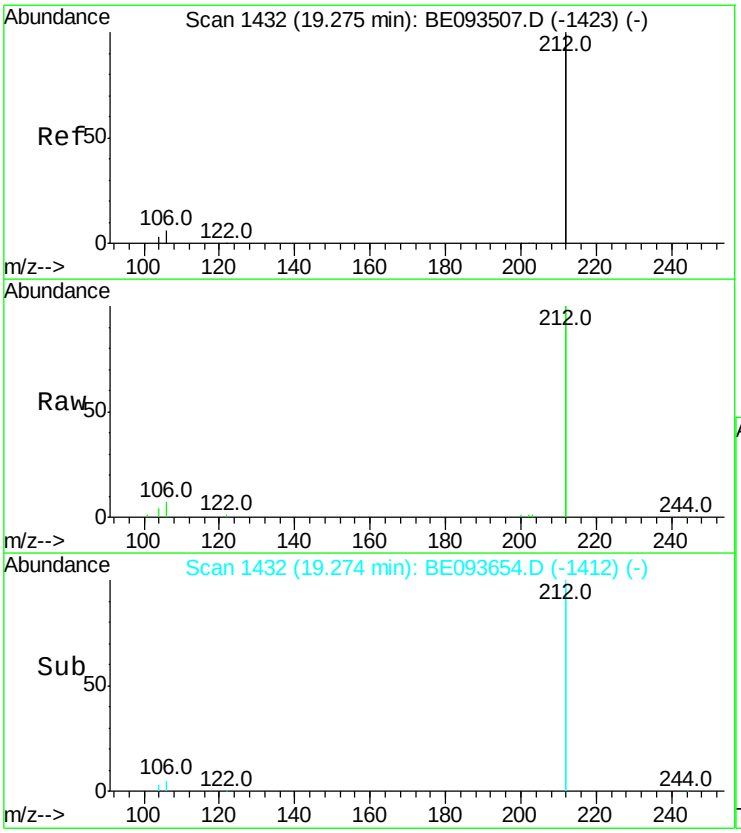
#23
Phenanthrene
Concen: 0.945 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Instrument :
BNA_E
ClientSampleId :
CSSB-27-2

Tgt Ion:178 Resp: 44571

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.4
179	19.5	12.7	19.1#

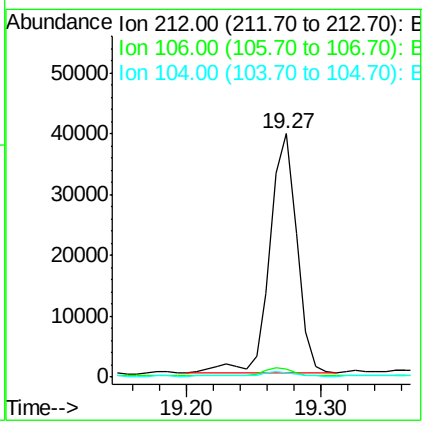


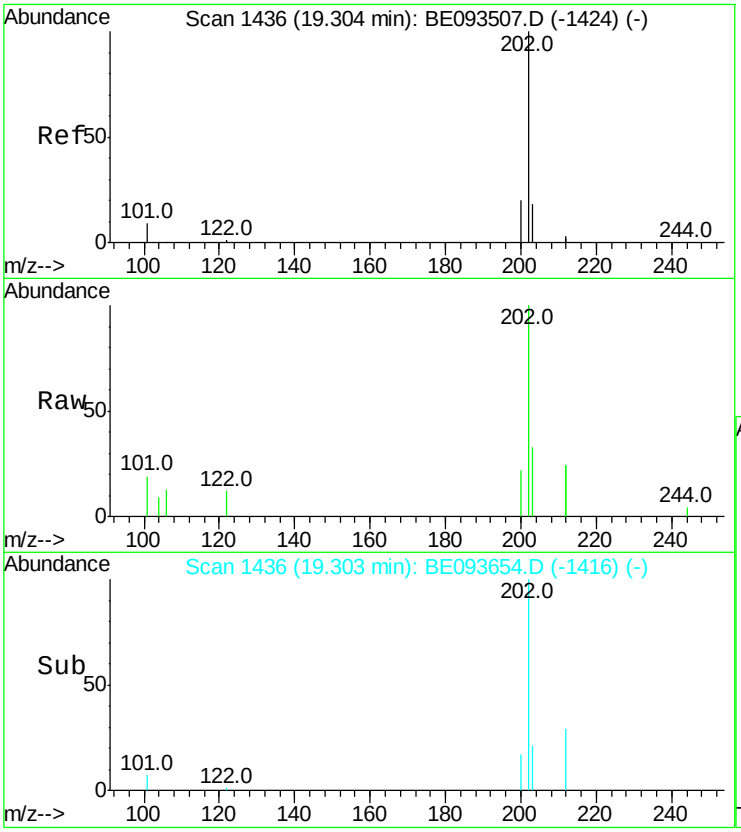


#25
Fluoranthene-d10
Concen: 0.225 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Tgt Ion:212 Resp: 54877

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



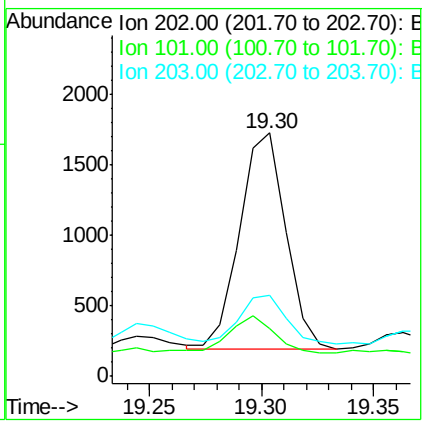


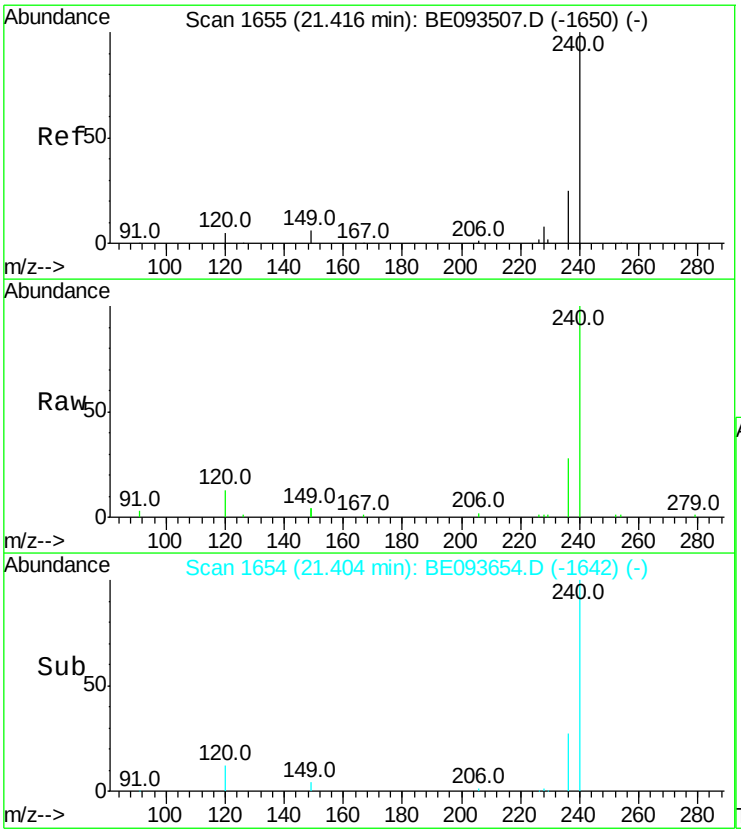
#26
Fluoranthene
Concen: 0.029 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Instrument :
BNA_E
ClientSampleId :
CSSB-27-2

Tgt Ion:202 Resp: 2184

Ion	Ratio	Lower	Upper
202	100		
101	16.6	9.6	14.4#
203	22.6	14.4	21.6#

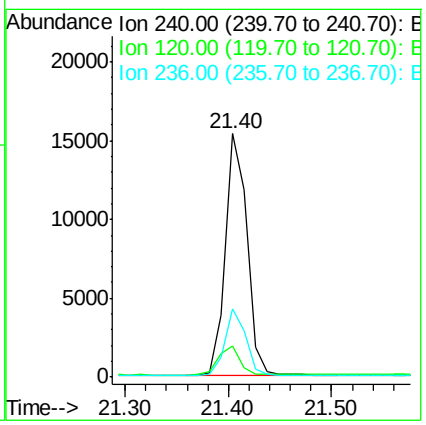


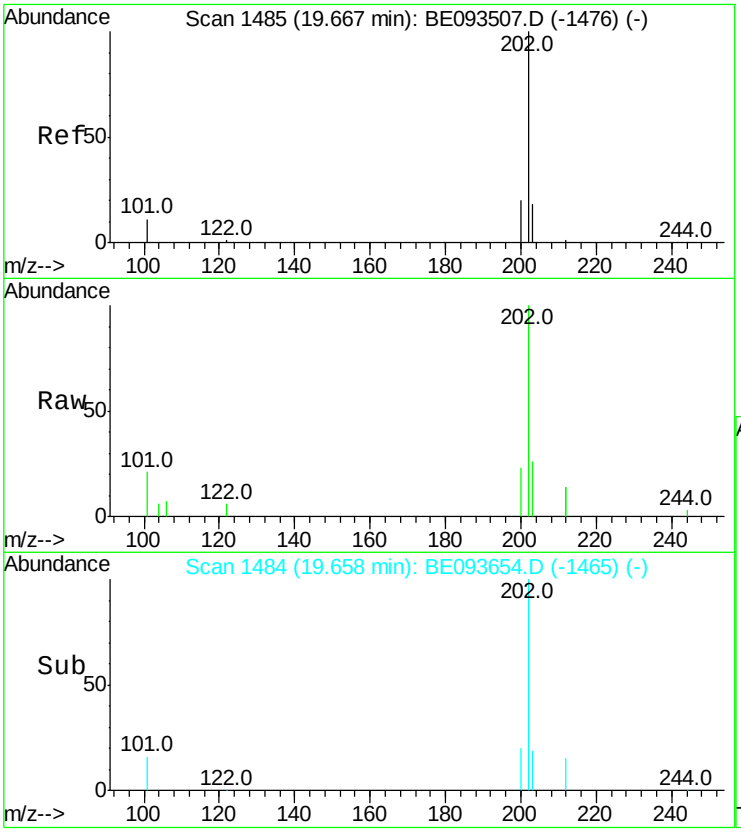


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Tgt Ion:240 Resp: 22472

Ion	Ratio	Lower	Upper
240	100		
120	13.0	4.6	7.0#
236	27.9	20.8	31.2



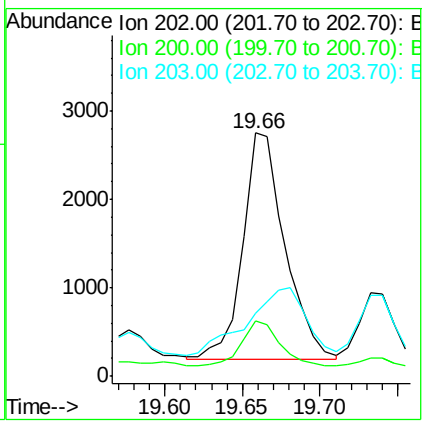


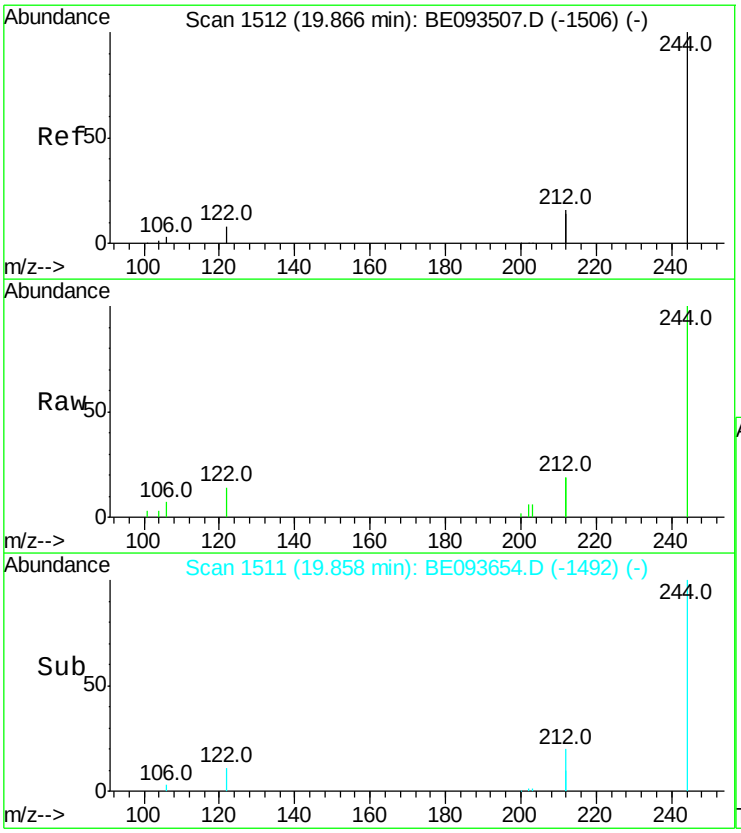
#28
Pyrene
Concen: 0.067 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Instrument :
BNA_E
ClientSampleId :
CSSB-27-2

Tgt Ion:202 Resp: 4839

Ion	Ratio	Lower	Upper
202	100		
200	18.6	0.0	0.0#
203	0.0	13.7	20.5#

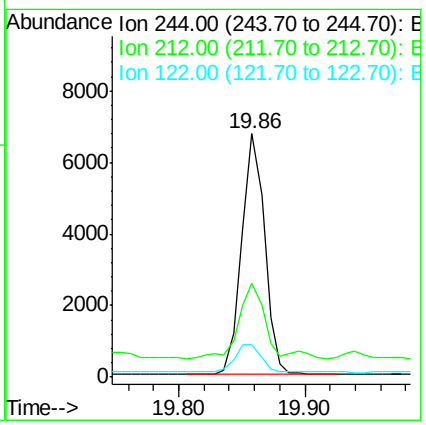


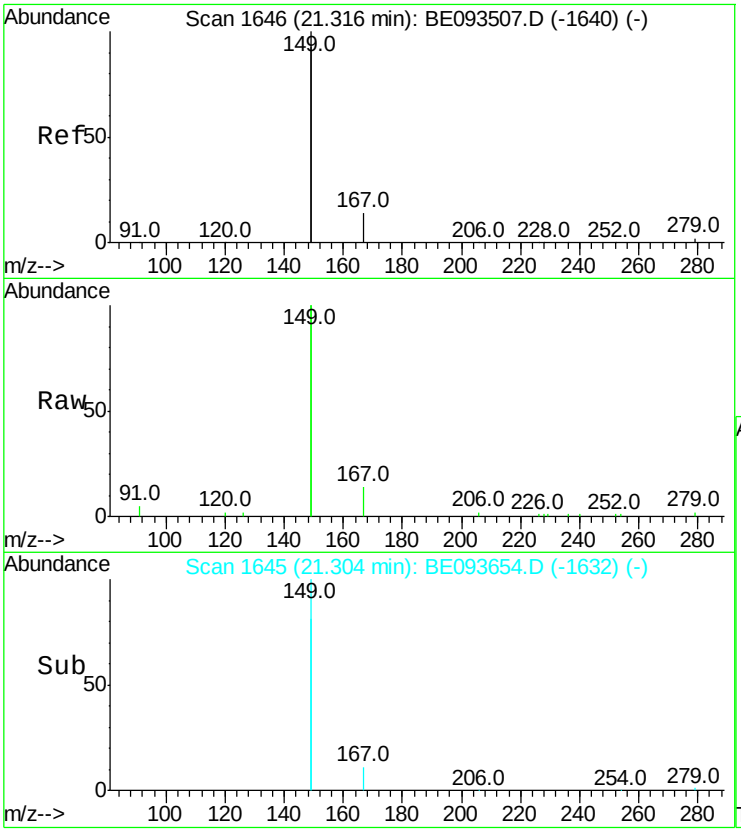


#29
Terphenyl-d14
Concen: 0.211 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Tgt Ion:244 Resp: 8526

Ion	Ratio	Lower	Upper
244	100		
212	38.6	10.6	16.0#
122	13.5	15.4	23.0#



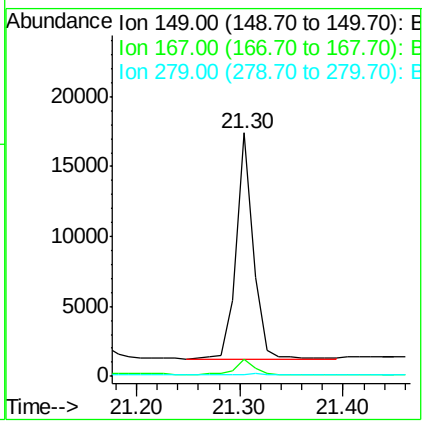


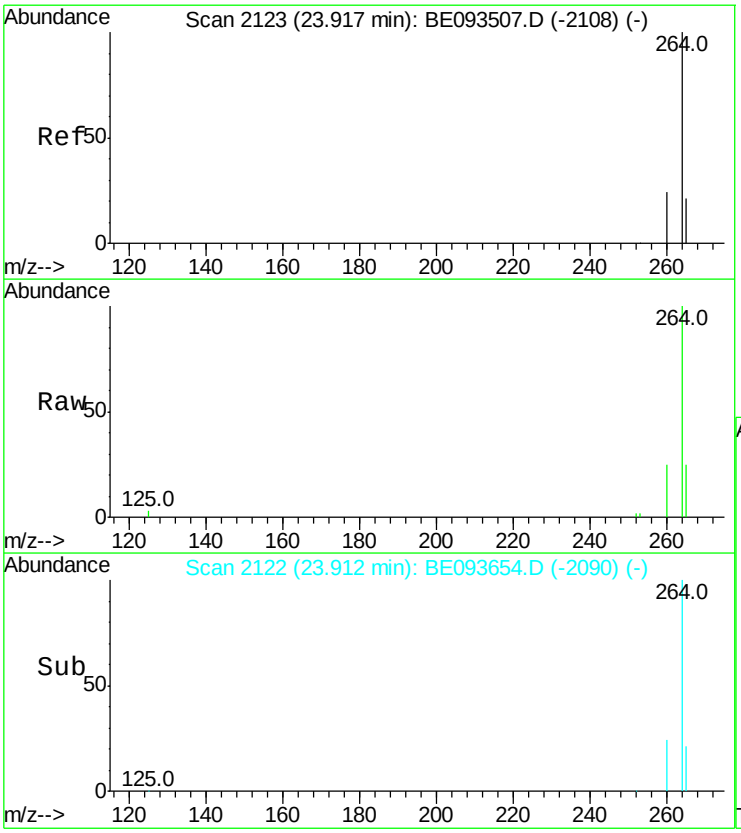
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.206 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Instrument :
BNA_E
ClientSampleId :
CSSB-27-2

Tgt Ion:149 Resp: 18510

Ion	Ratio	Lower	Upper
149	100		
167	6.7	4.8	7.2
279	0.9	0.8	1.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE093654.D
Acq: 3 Aug 2017 12:44

Tgt Ion:264 Resp: 20147

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.0	31.4
265	25.0	24.6	36.8