Quantitation Report (Not Reviewed)

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 : I4426-07
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CSSB-30-2

Quant Time: Aug 03 02:50:21 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
3) n-Nitrosodimethylamine	3.66	42	2155	0.508	ng	#	1
9) Naphthalene	10.76	128	30543	0.197	ng	#	98
12) 2-Methylnaphthalene	12.36	142	15448	0.601	ng		96
16) Acenaphthylene	14.24	152	1038	0.027	ng	#	1
17) Acenaphthene	14.58	154	1774	0.065	ng	#	67
18) Fluorene	15.56	166	3312	0.091	ng	#	24
20) 4-Bromophenyl-phenylether	16.45	248	14	Below Cal		#	1
21) Hexachlorobenzene	16.55	284	10	Below Cal		#	100
22) Pentachlorophenol	16.91	266	22	0.157	ng	#	61
23) Phenanthrene	17.27	178	9091	0.224	ng	#	82
24) Anthracene	17.27	178	8702	0.157	ng	#	80
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	23.15	252	7703	0.112	ng	#	89
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

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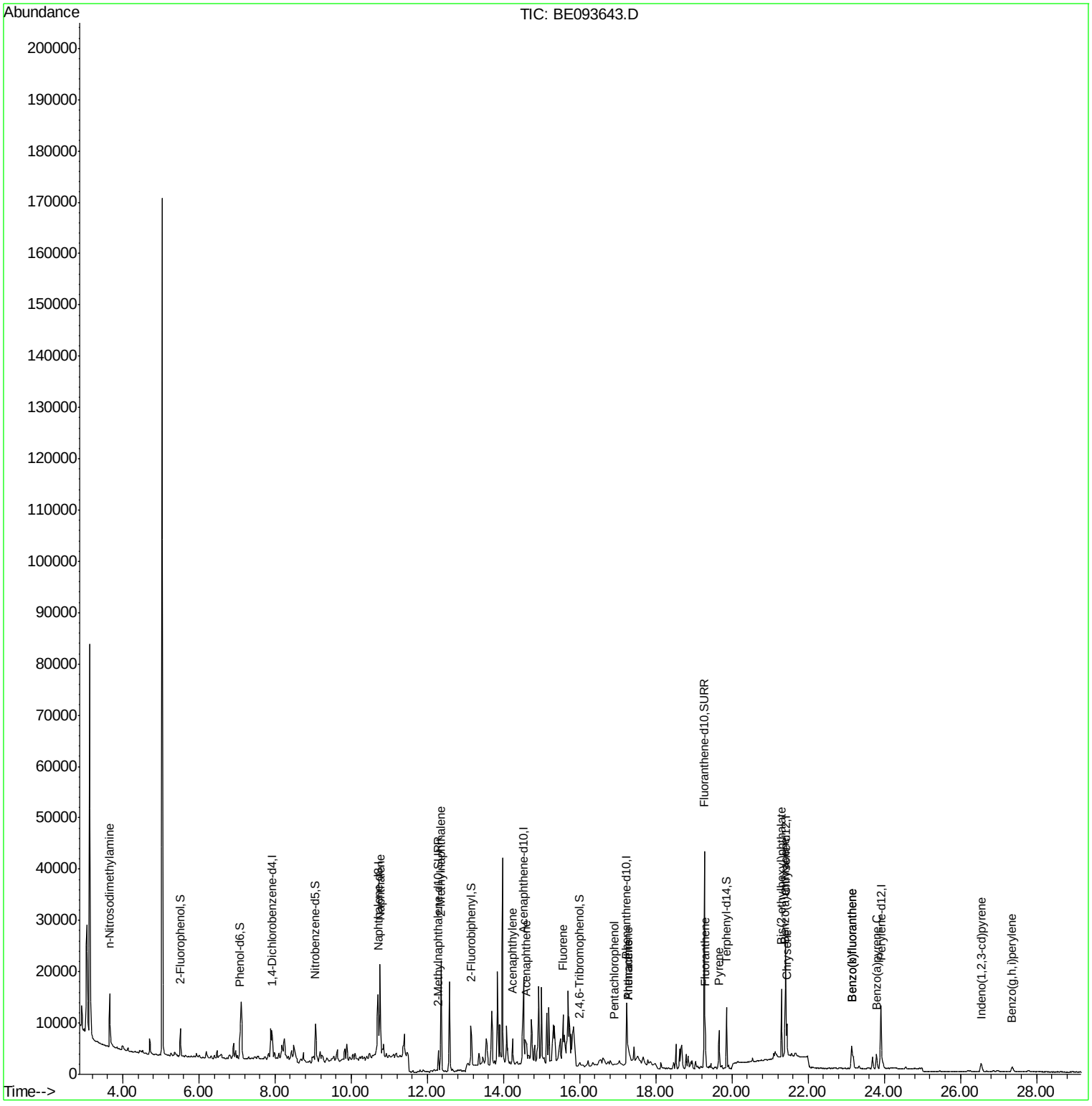
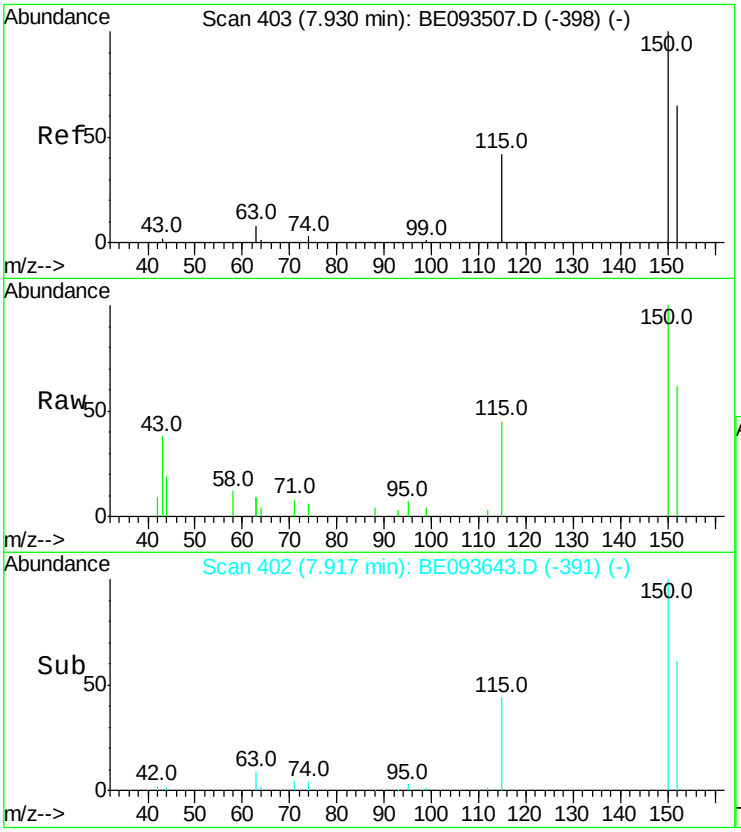
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration



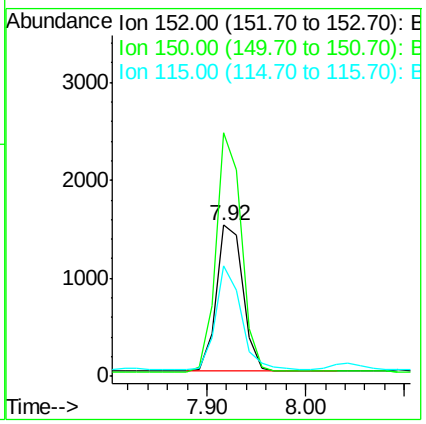


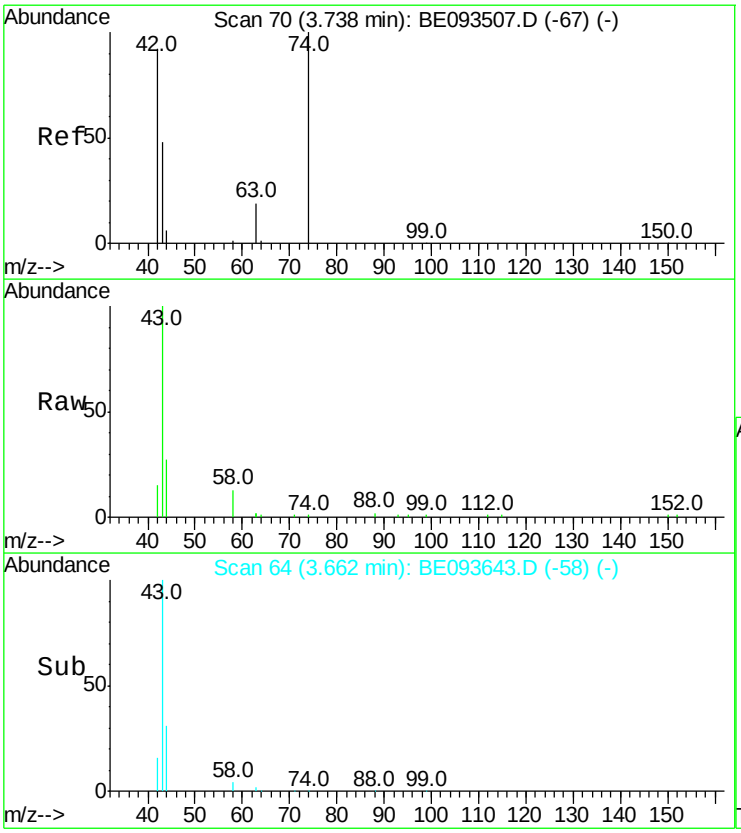
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:152 Resp: 2795

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

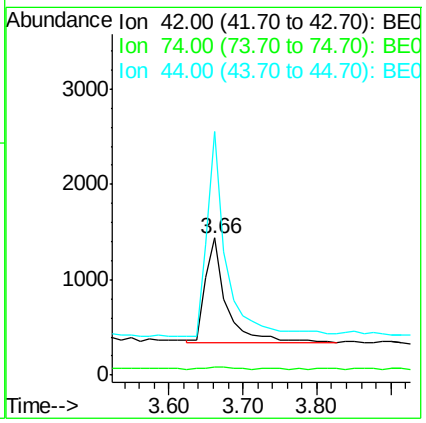


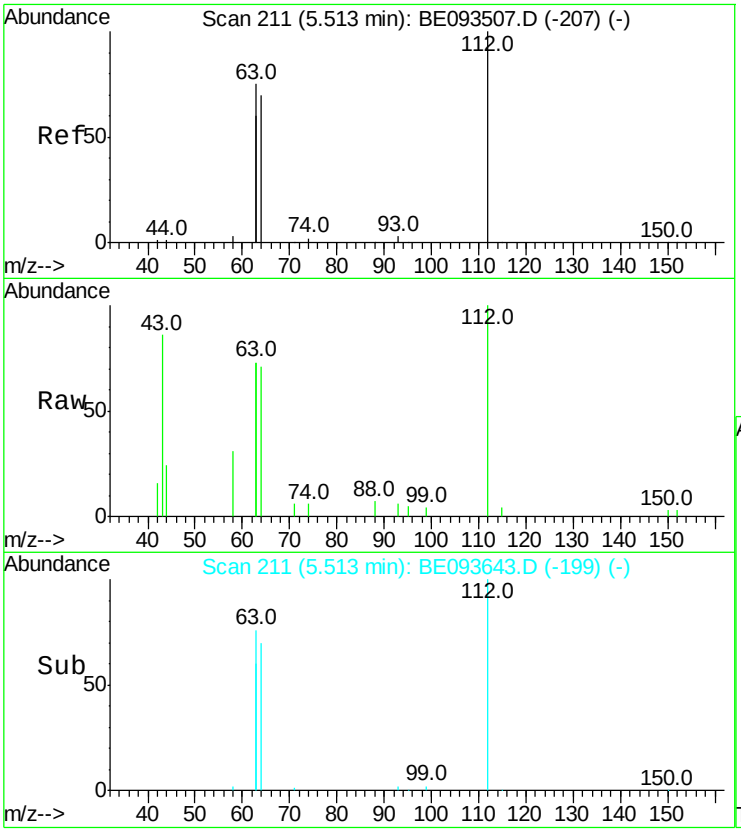


#3
n-Nitrosodimethylamine
Concen: 0.508 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.08 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion: 42 Resp: 2155

Ion	Ratio	Lower	Upper
42	100		
74	1.8	99.1	148.7#
44	187.5	7.4	11.2#



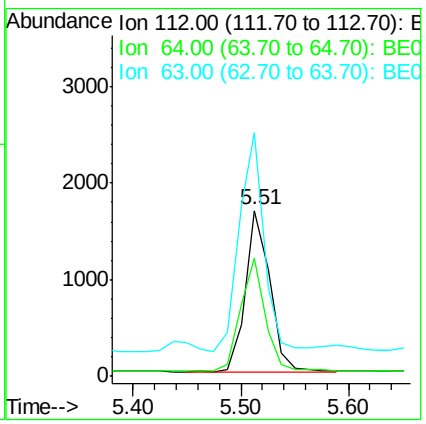


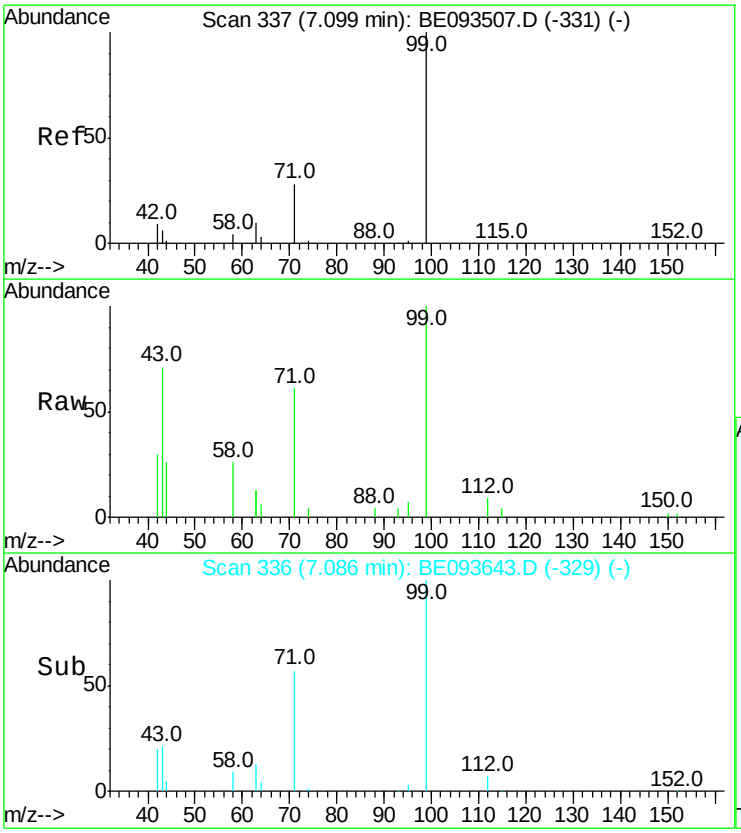
#4
2-Fluorophenol
Concen: 0.320 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:112 Resp: 2664

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

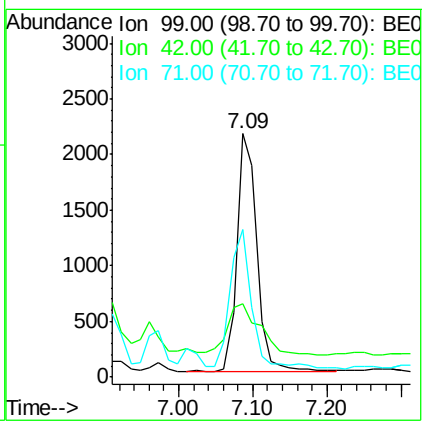


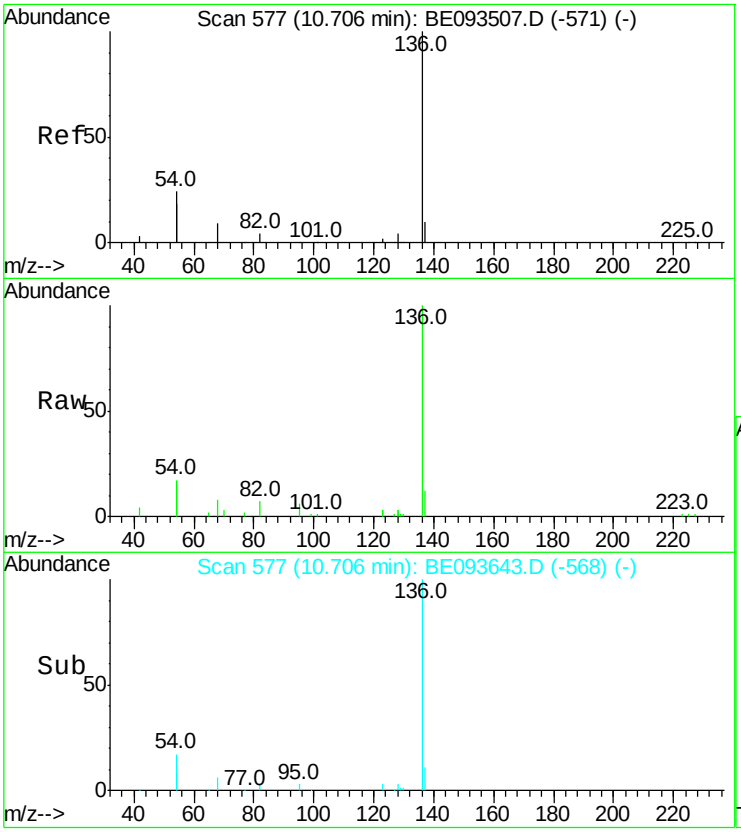


#5
Phenol-d6
Concen: 0.315 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.01 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion: 99 Resp: 3954

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



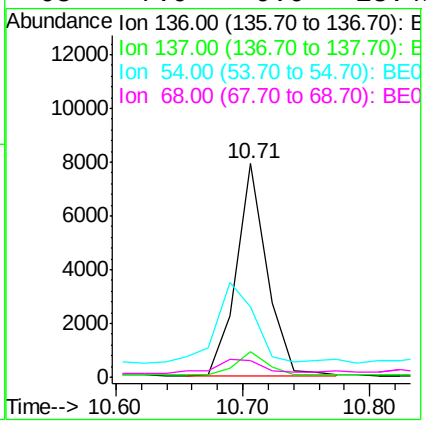


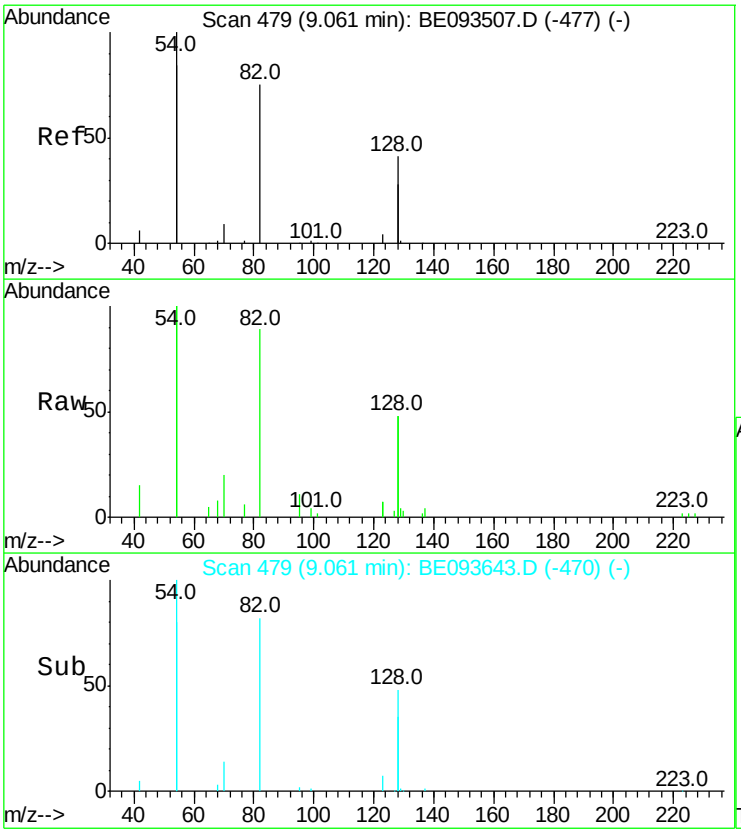
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:136 Resp: 13417

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

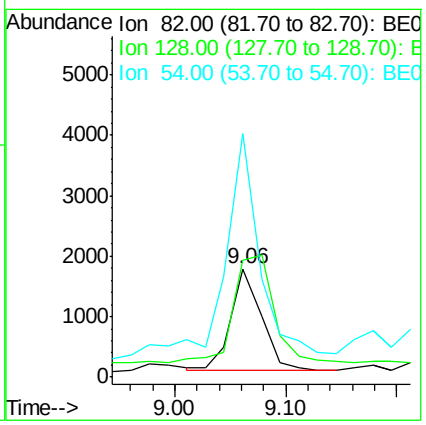


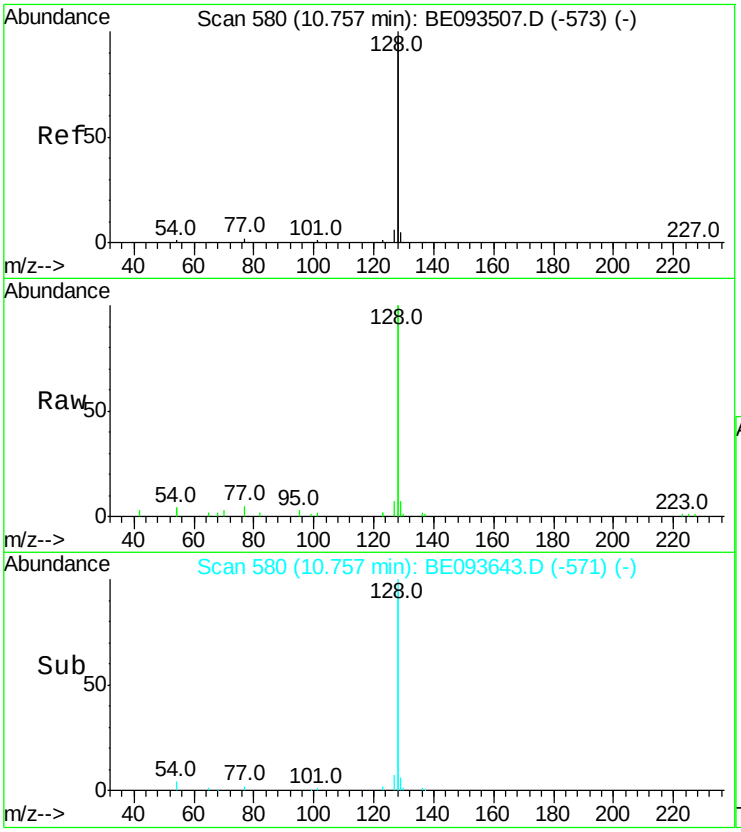


#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

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#



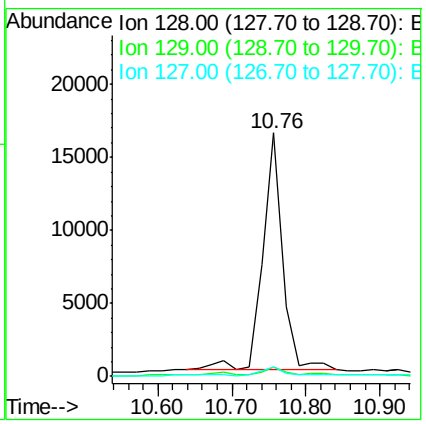


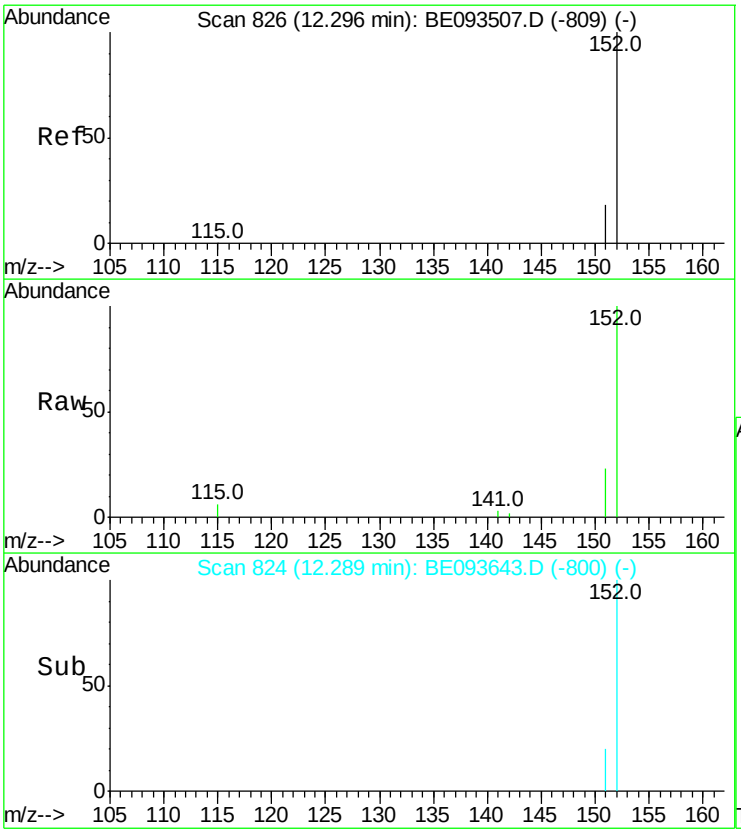
#9
Naphthalene
Concen: 0.197 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

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#

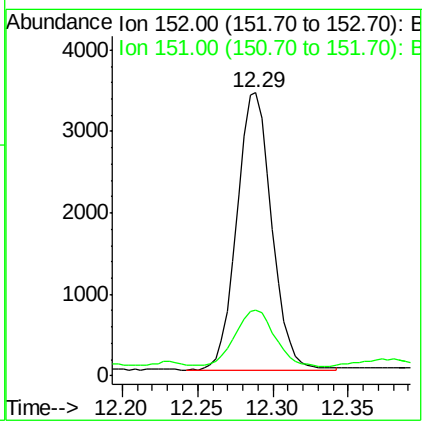


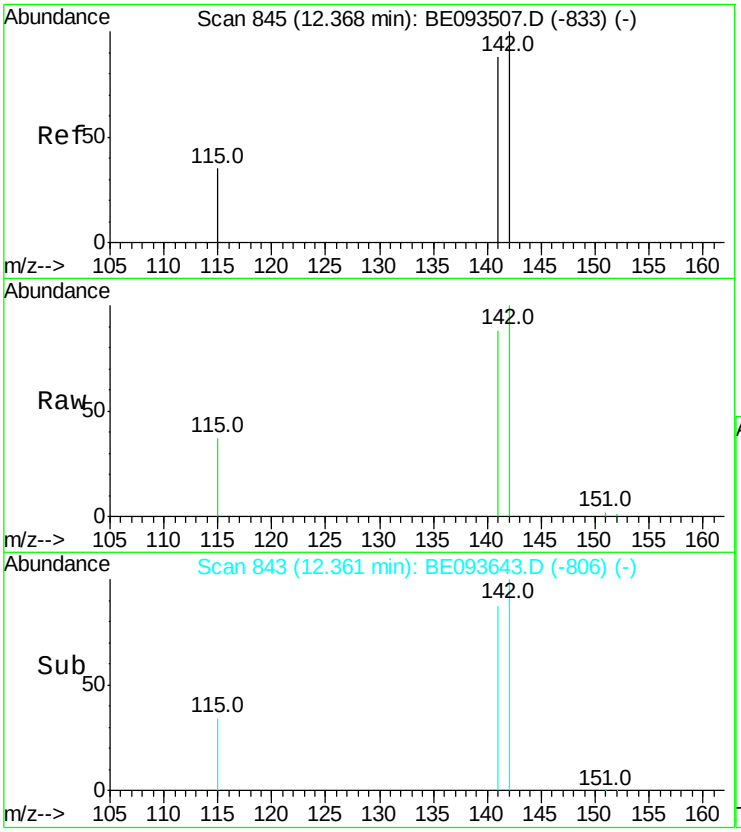


#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:152 Resp: 5507

Ion	Ratio	Lower	Upper
152	100		
151	23.0	15.1	22.7#



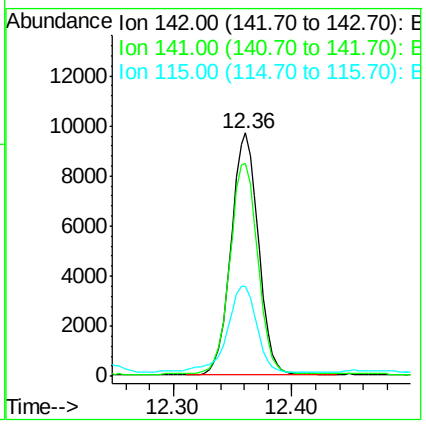


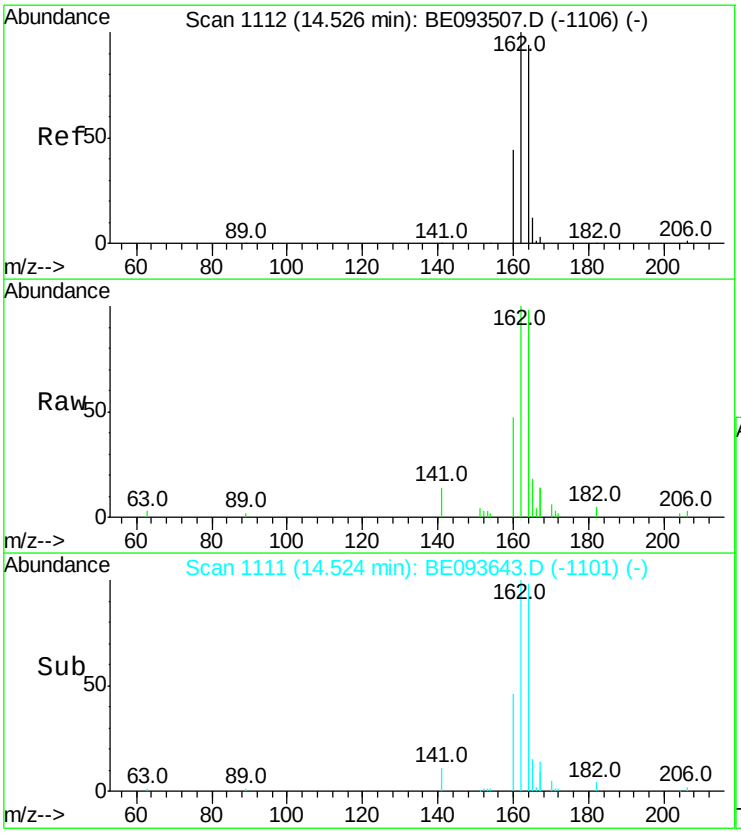
#12
2-Methylnaphthalene
Concen: 0.601 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

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

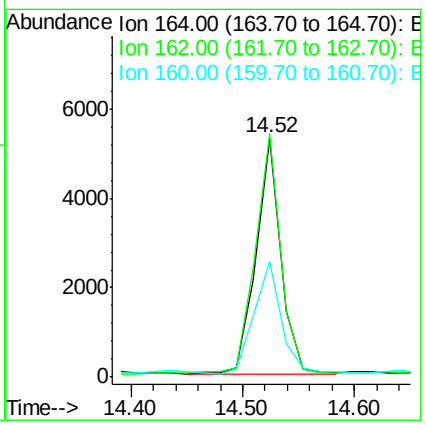


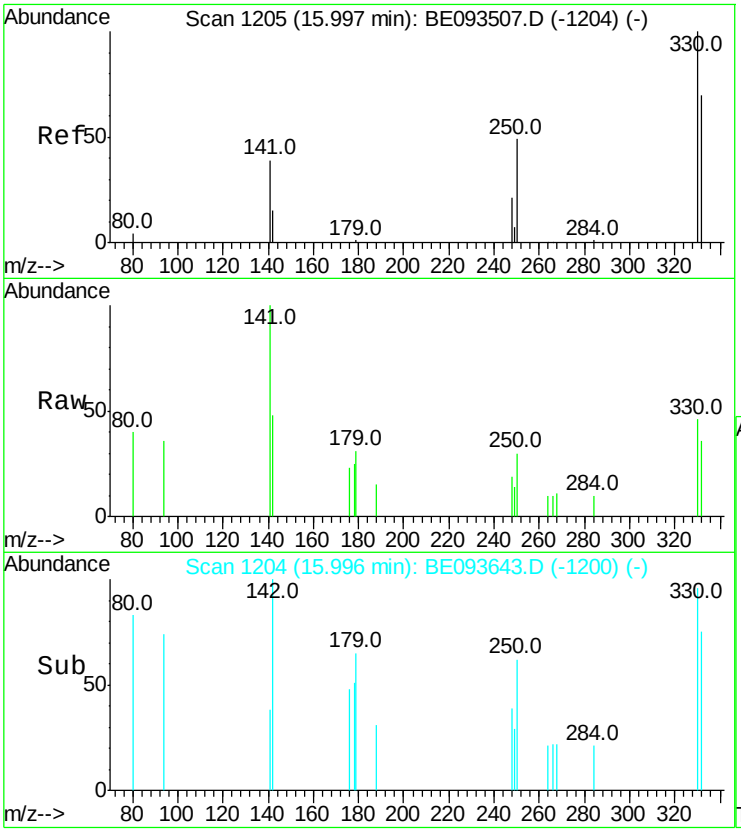


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:164 Resp: 8078

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



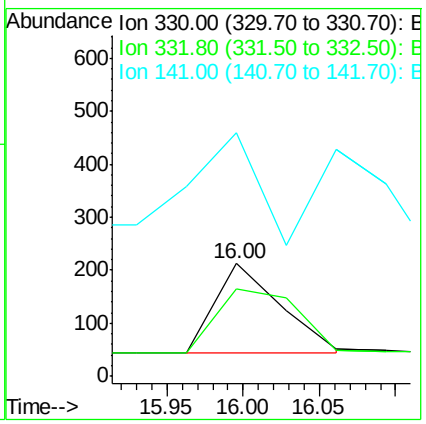


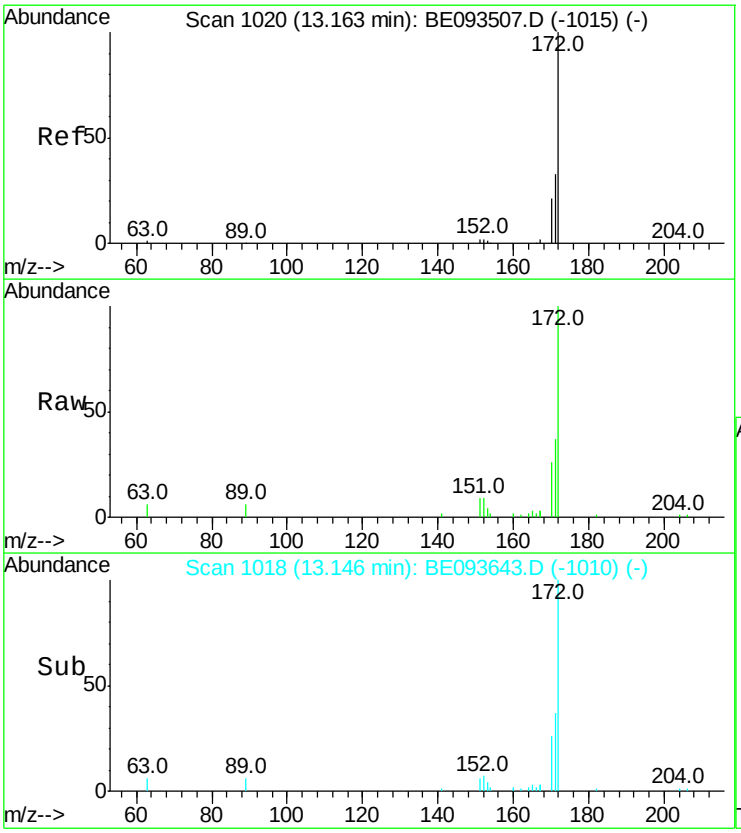
#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 16.00 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:330 Resp: 501

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

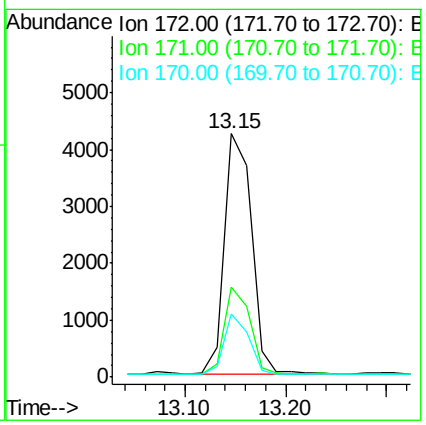


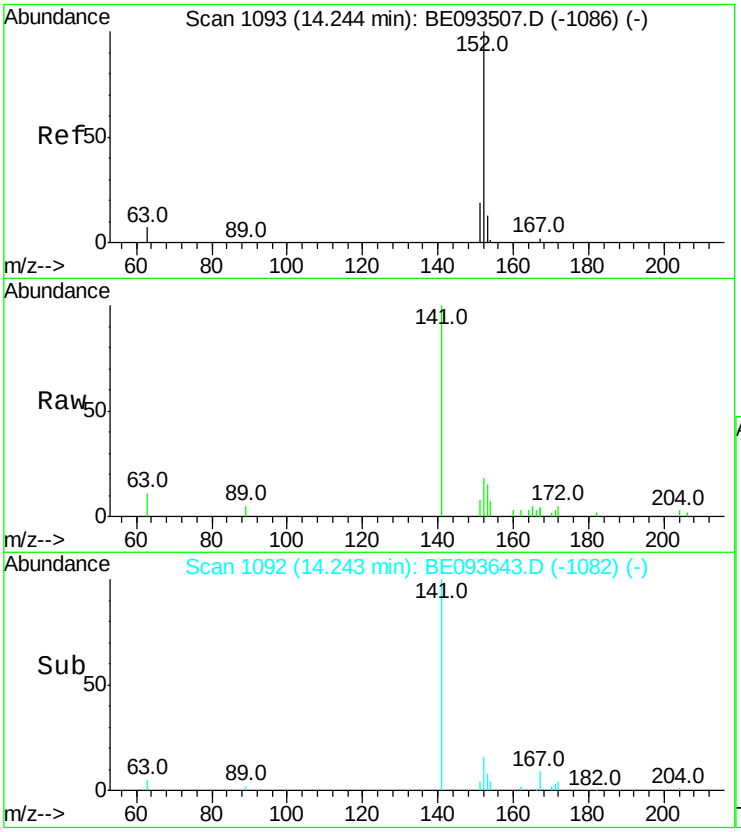


#15
2-Fluorobiphenyl
Concen: 0.243 ng
RT: 13.15 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:172 Resp: 7858

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



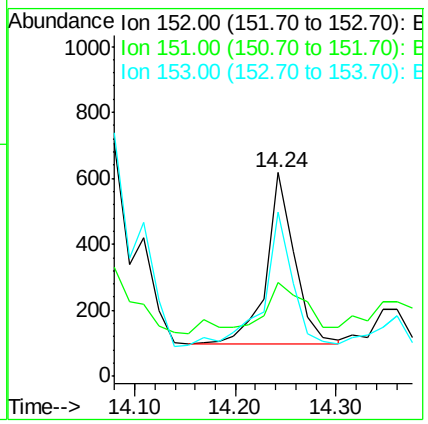


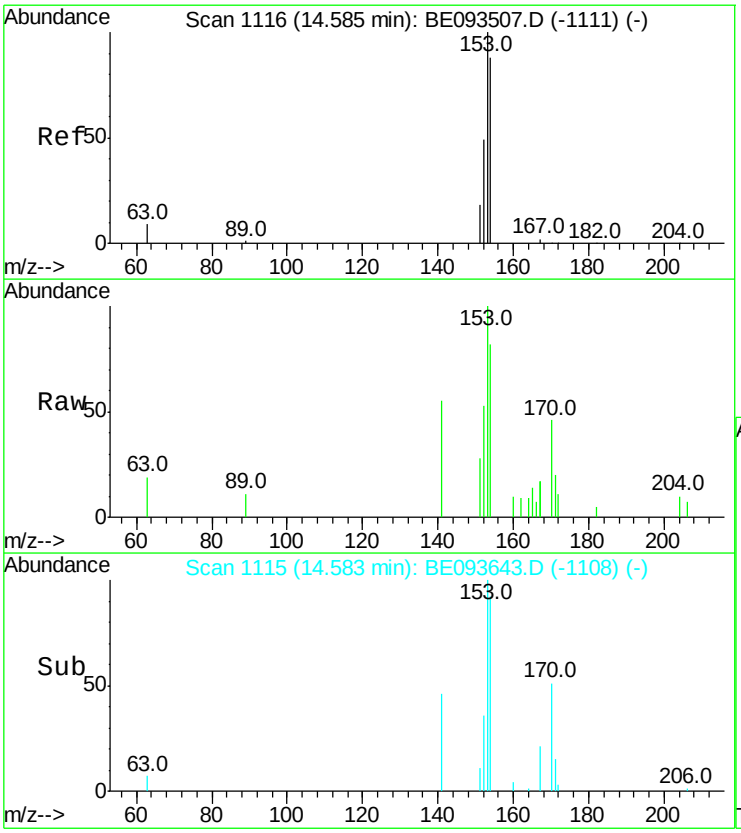
#16
Acenaphthylene
Concen: 0.027 ng
RT: 14.24 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:152 Resp: 1038

Ion	Ratio	Lower	Upper
152	100		
151	34.5	4.0	6.0#
153	75.0	10.3	15.5#

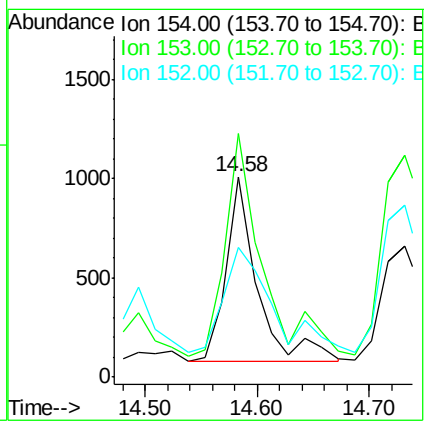


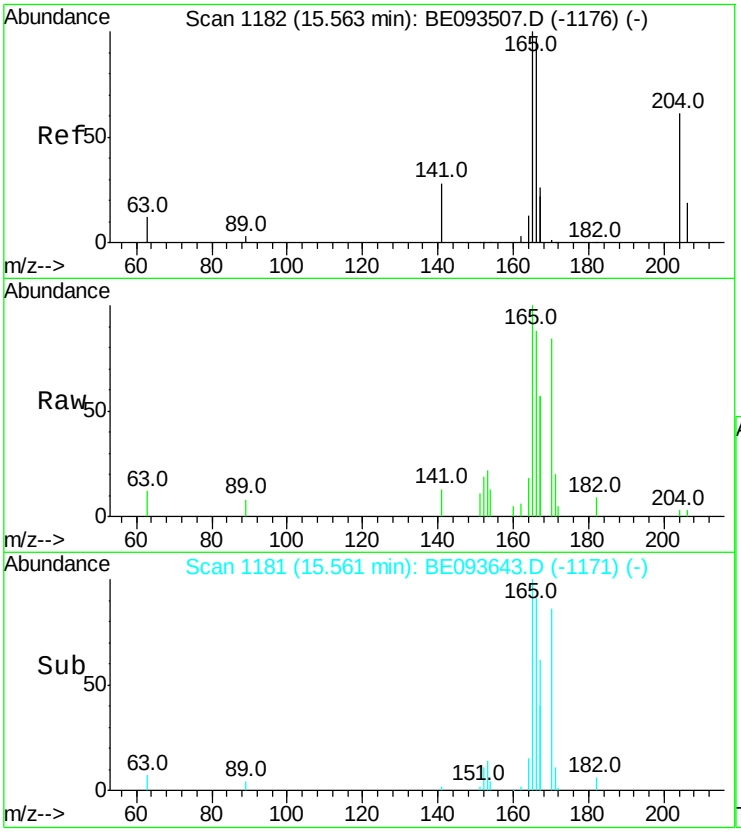


#17
Acenaphthene
Concen: 0.065 ng
RT: 14.58 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:154 Resp: 1774

Ion	Ratio	Lower	Upper
154	100		
153	143.7	91.2	136.8#
152	88.7	44.8	67.2#



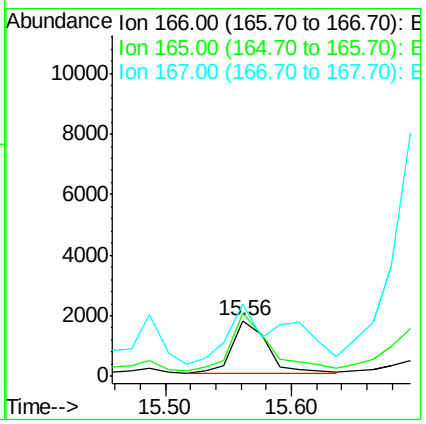


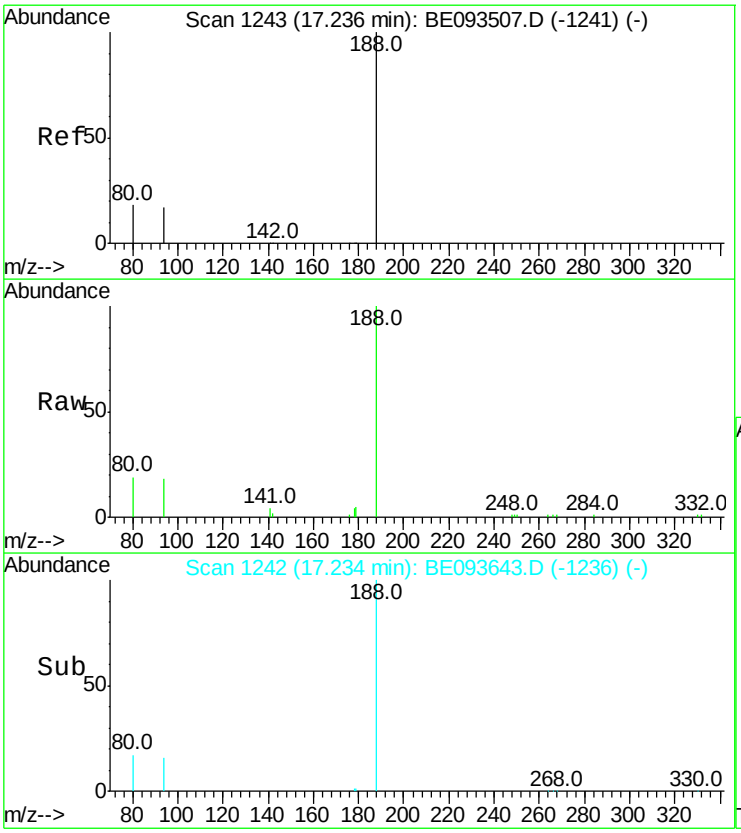
#18
Fluorene
Concen: 0.091 ng
RT: 15.56 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:166 Resp: 3312

Ion	Ratio	Lower	Upper
166	100		
165	119.8	78.6	117.8#
167	200.4	11.1	16.7#

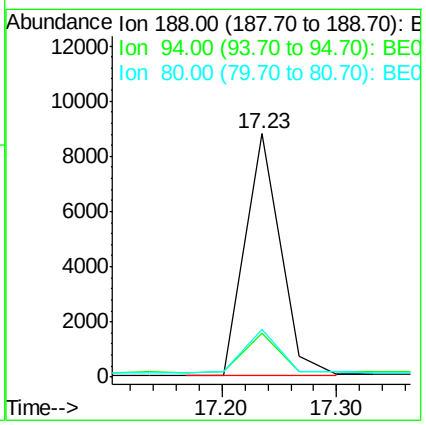


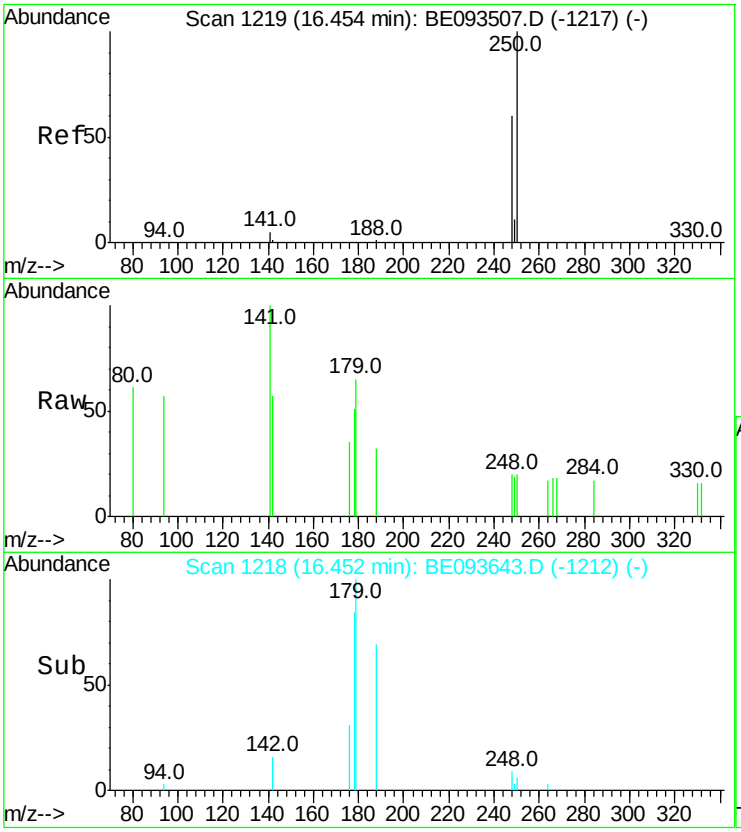


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:188 Resp: 18470

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



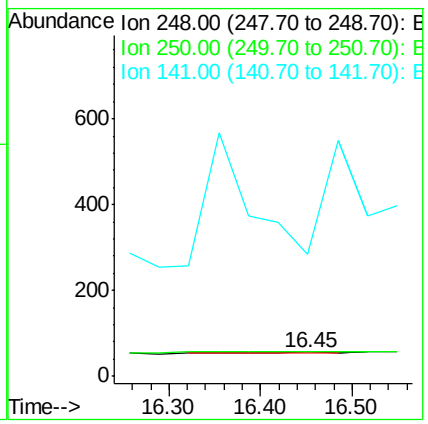


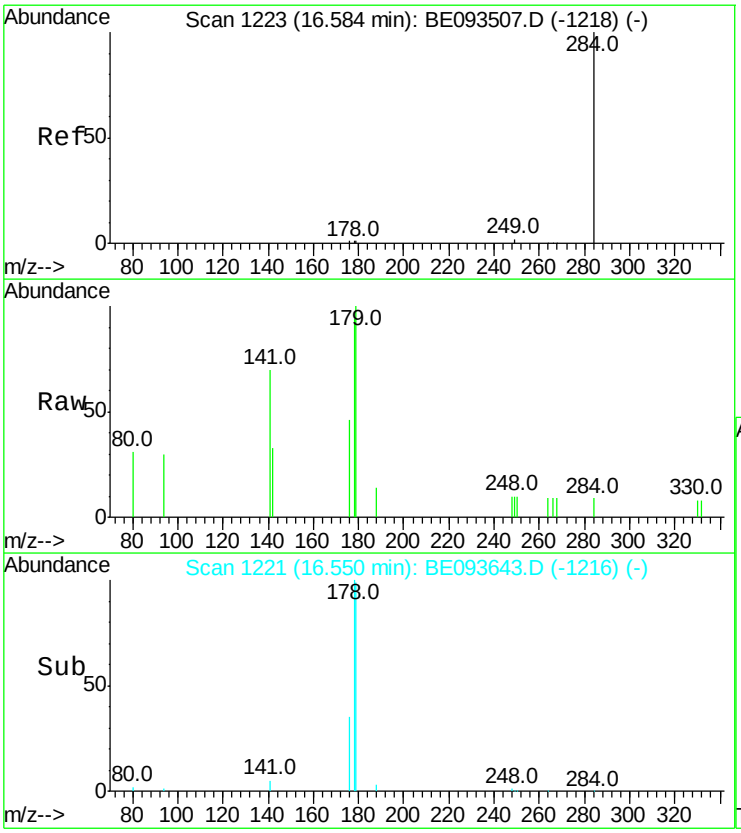
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:248 Resp: 14

Ion	Ratio	Lower	Upper
248	100		
250	100.0	128.0	192.0#
141	498.2	12.0	18.0#

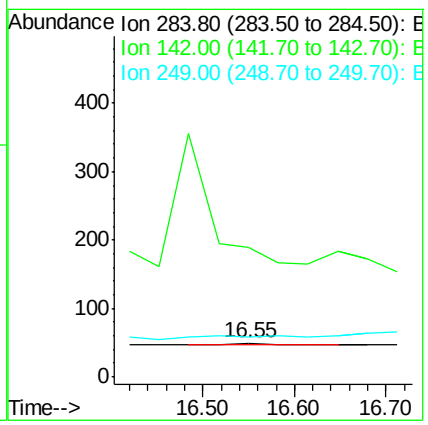


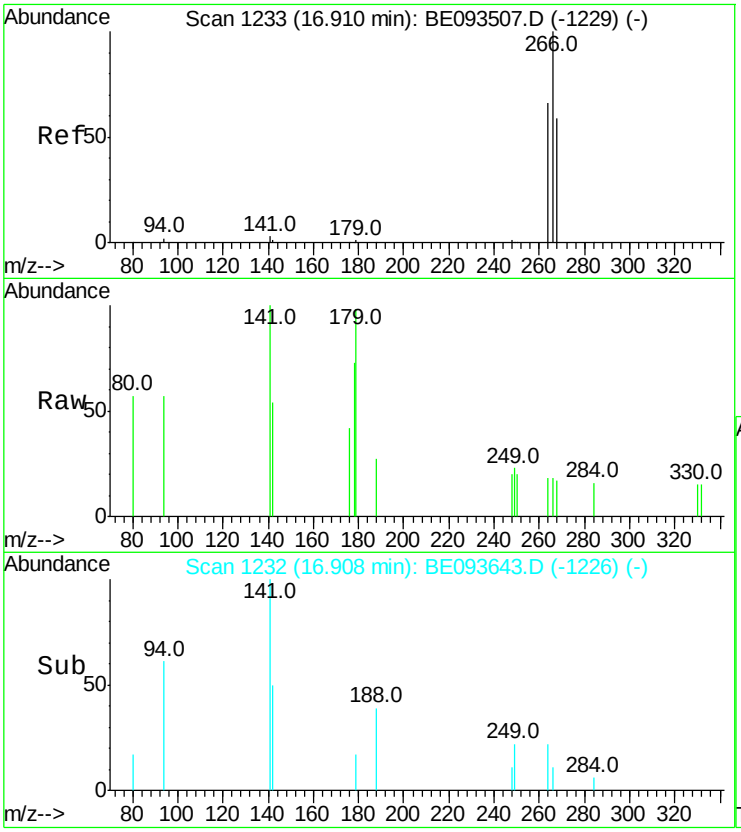


#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.55 min Scan# 1221
Delta R.T. -0.03 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:284 Resp: 10

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



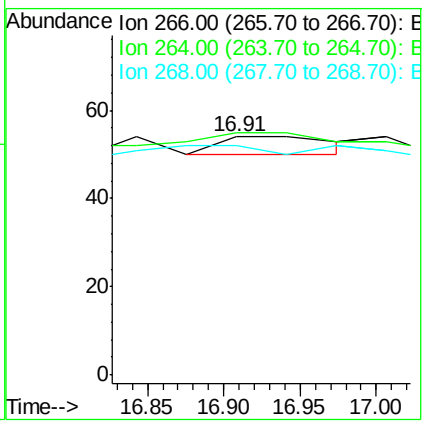


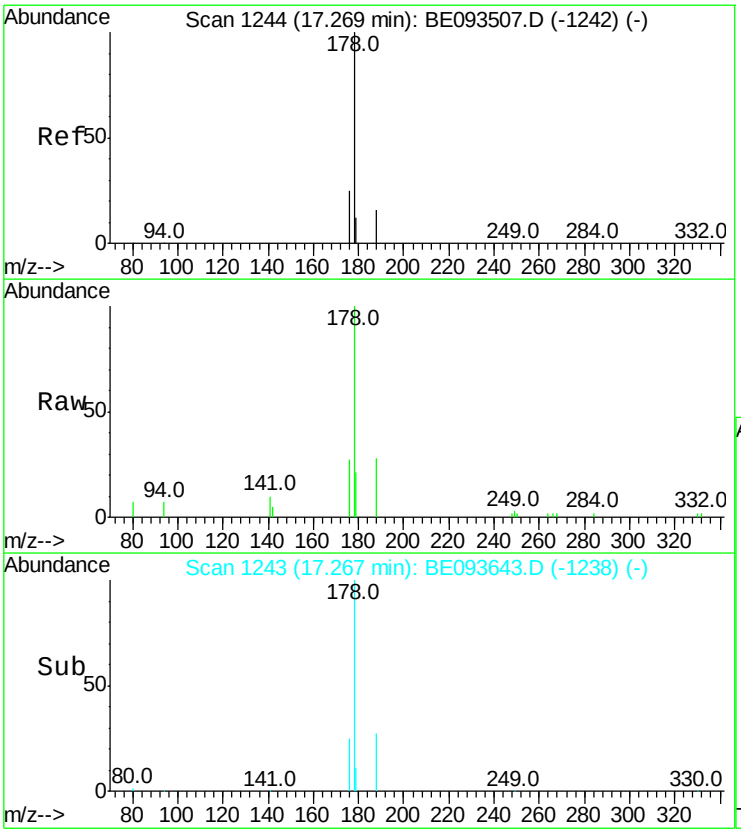
#22
Pentachlorophenol
Concen: 0.157 ng
RT: 16.91 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	101.9	56.0	84.0#
268	96.3	52.0	78.0#

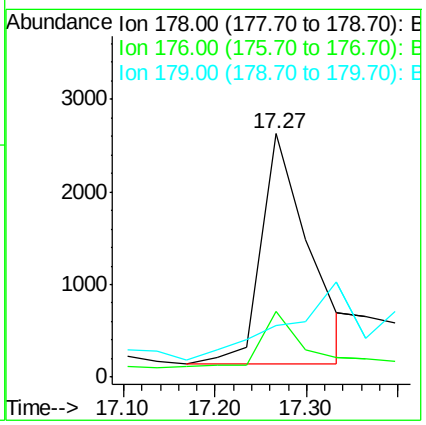


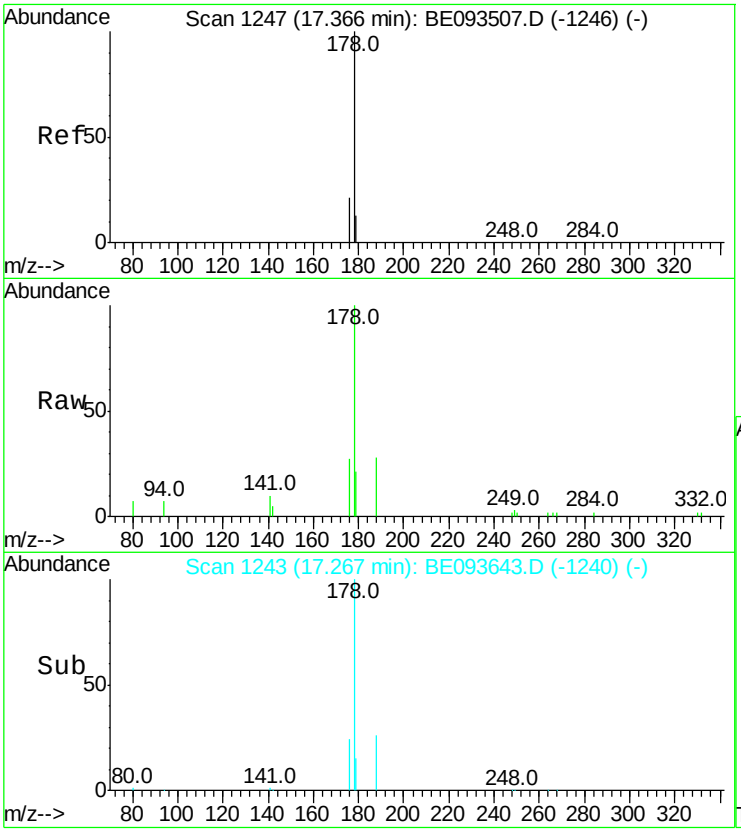


#23
Phenanthrene
Concen: 0.224 ng
RT: 17.27 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

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#



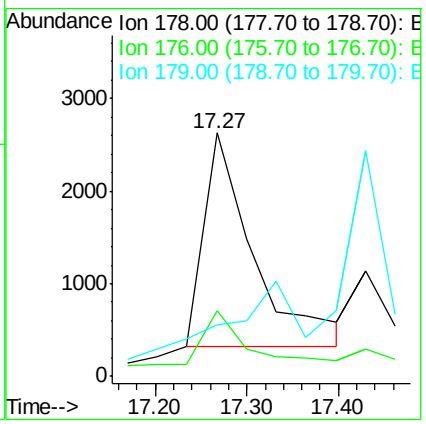


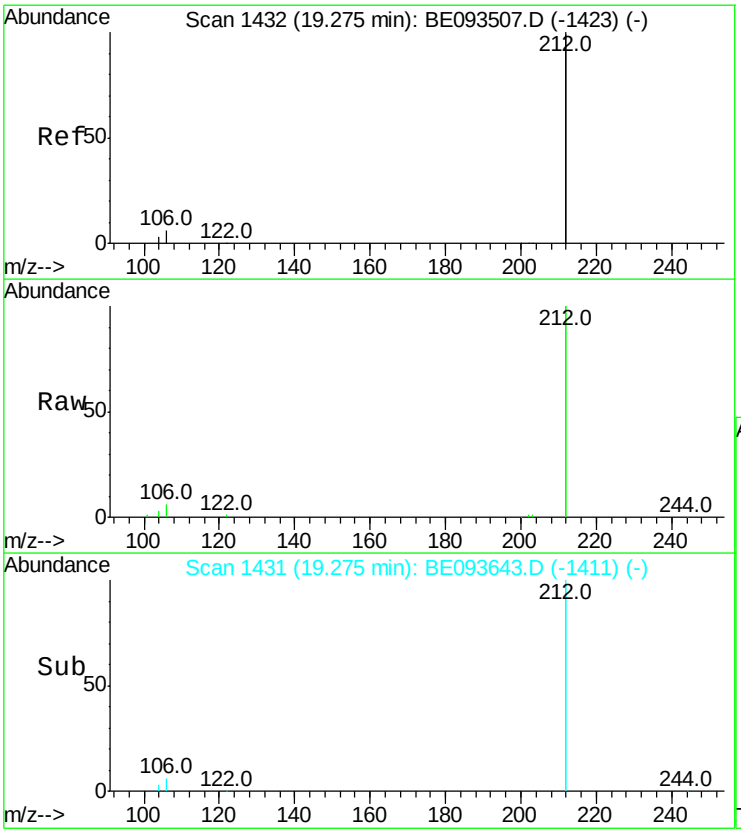
#24
Anthracene
Concen: 0.157 ng
RT: 17.27 min Scan# 1243
Delta R.T. -0.10 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:178 Resp: 8702

Ion	Ratio	Lower	Upper
178	100		
176	21.4	14.6	22.0
179	0.0	12.0	18.0#

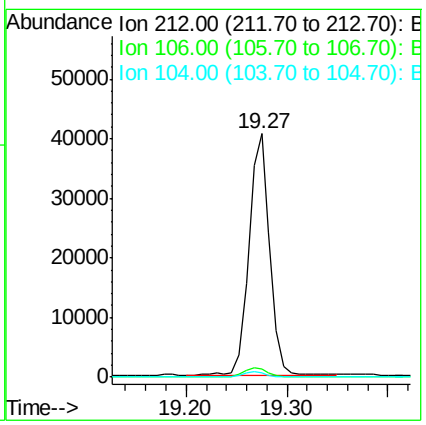


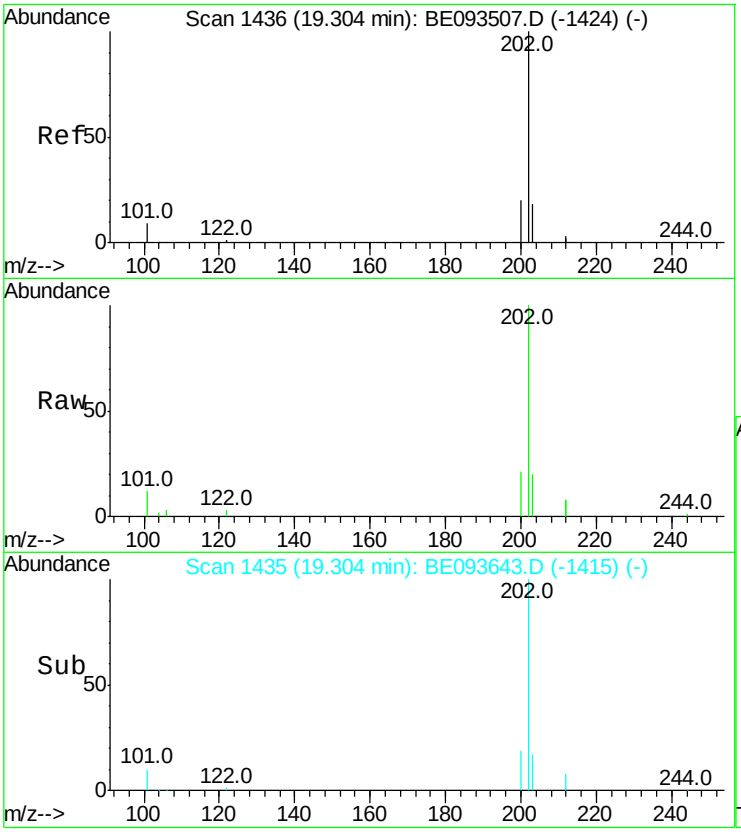


#25
Fluoranthene-d10
Concen: 0.275 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

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



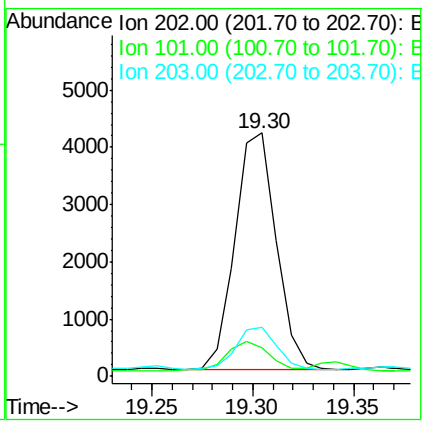


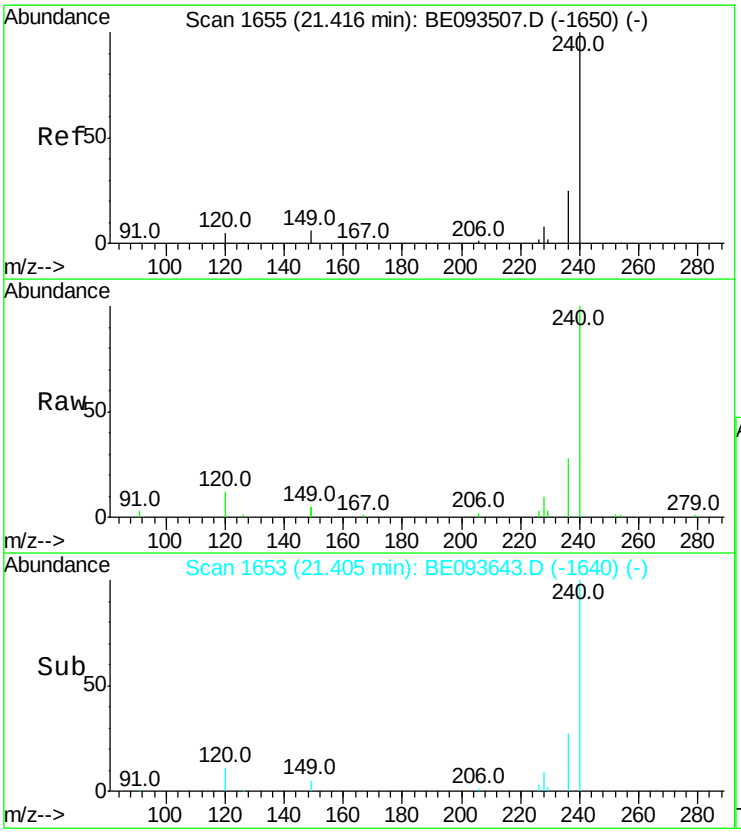
#26
Fluoranthene
Concen: 0.091 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:202 Resp: 5908

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

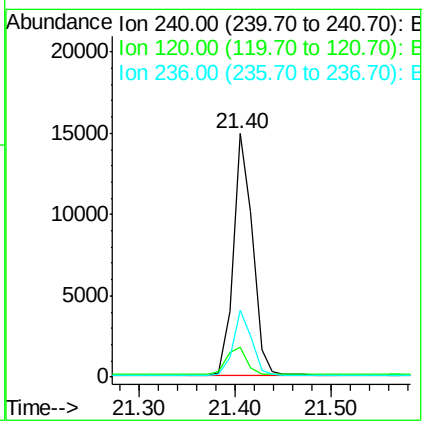


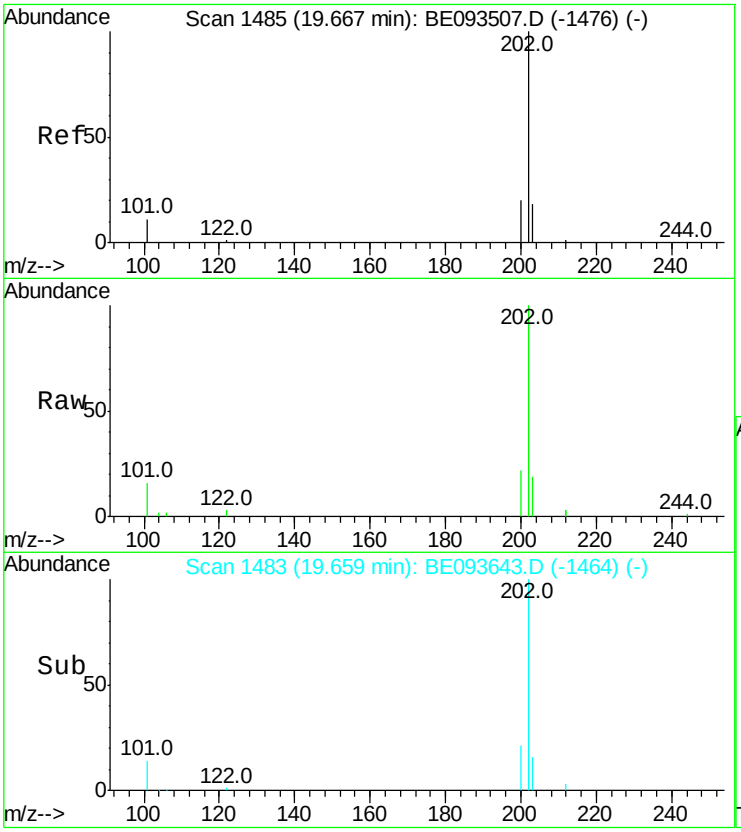


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:240 Resp: 20992

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



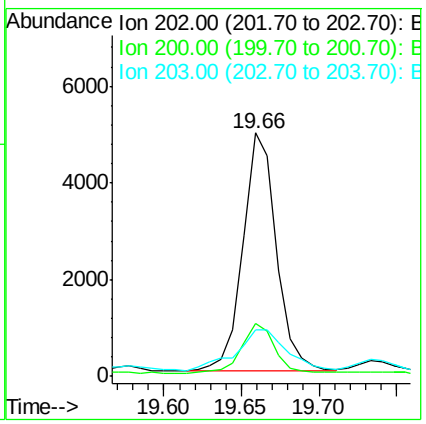


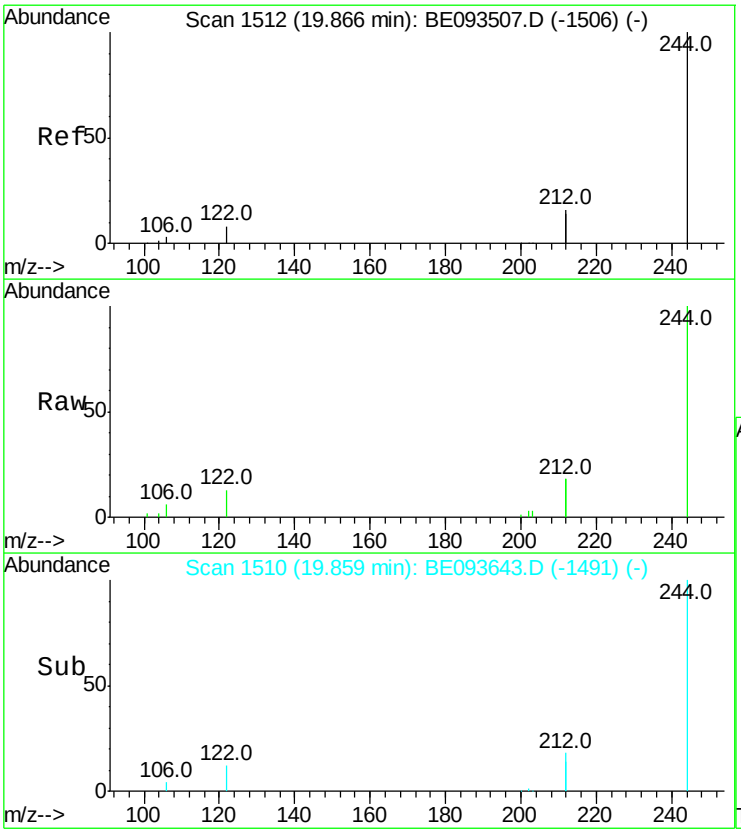
#28
Pyrene
Concen: 0.109 ng
RT: 19.66 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:202 Resp: 7365

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

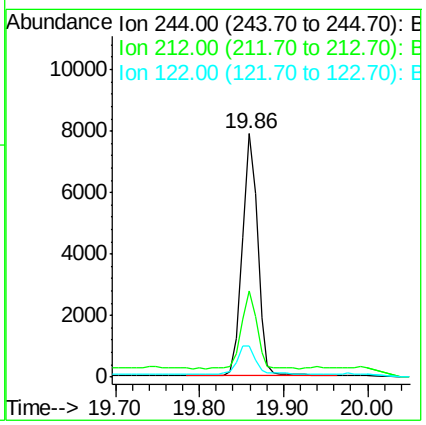


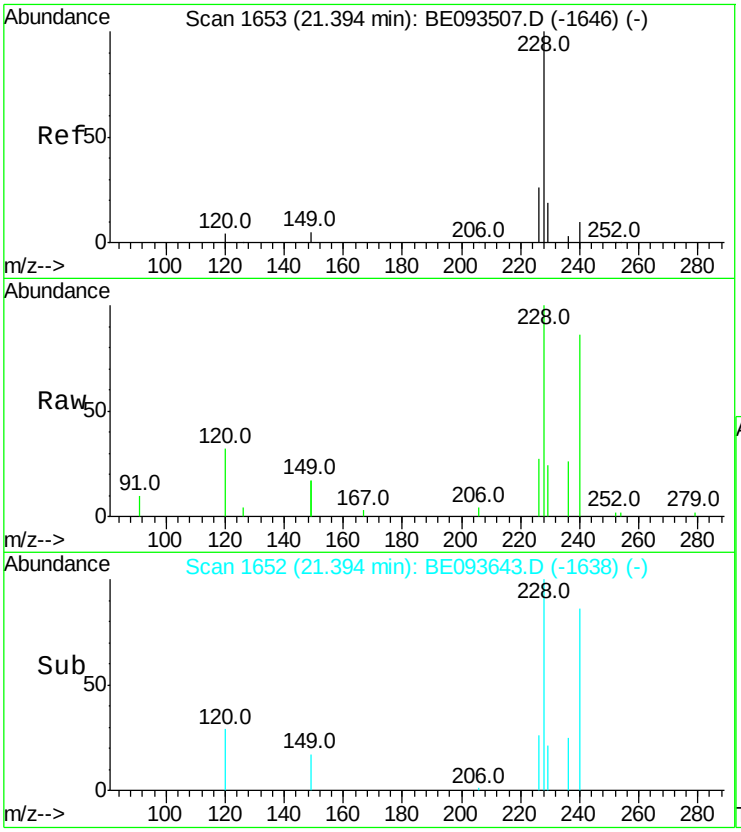


#29
Terphenyl-d14
Concen: 0.260 ng
RT: 19.86 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:244 Resp: 9821

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



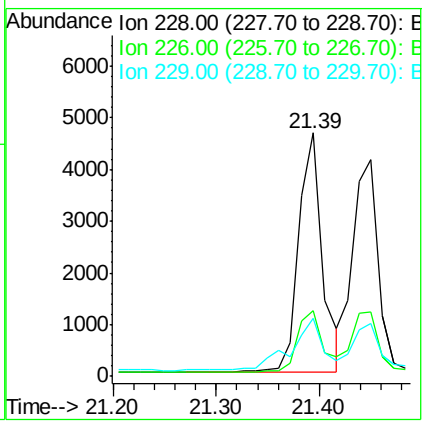


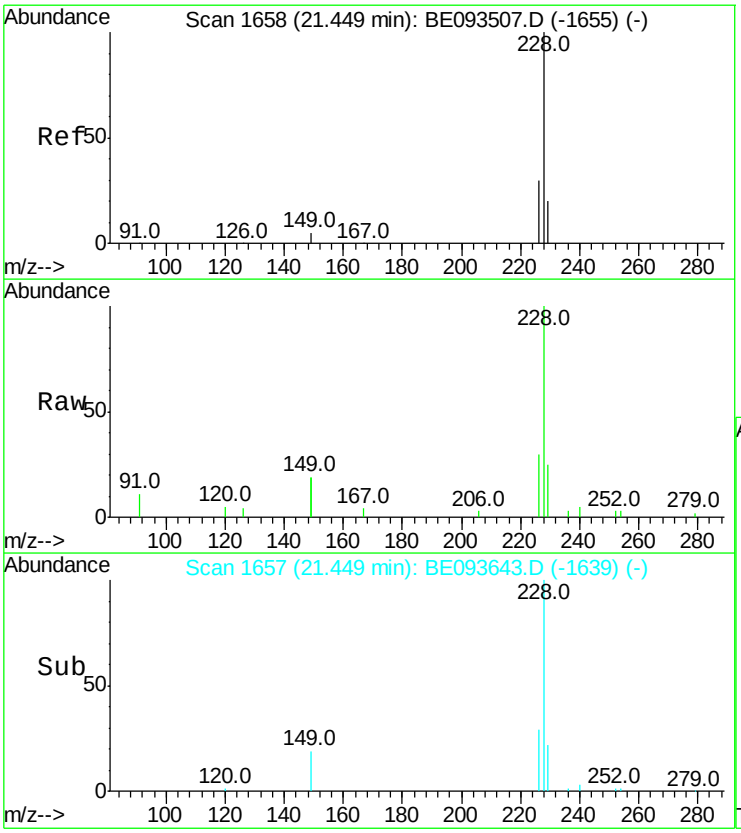
#30
Benzo(a)anthracene
Concen: 0.120 ng
RT: 21.39 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:228 Resp: 7399

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

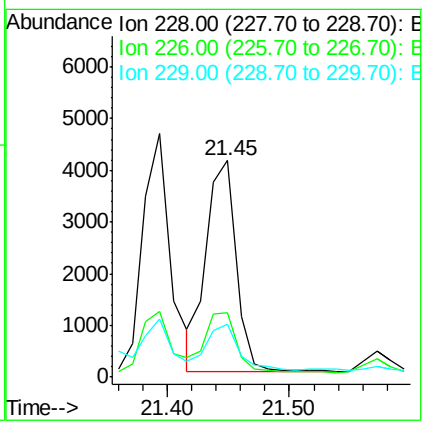


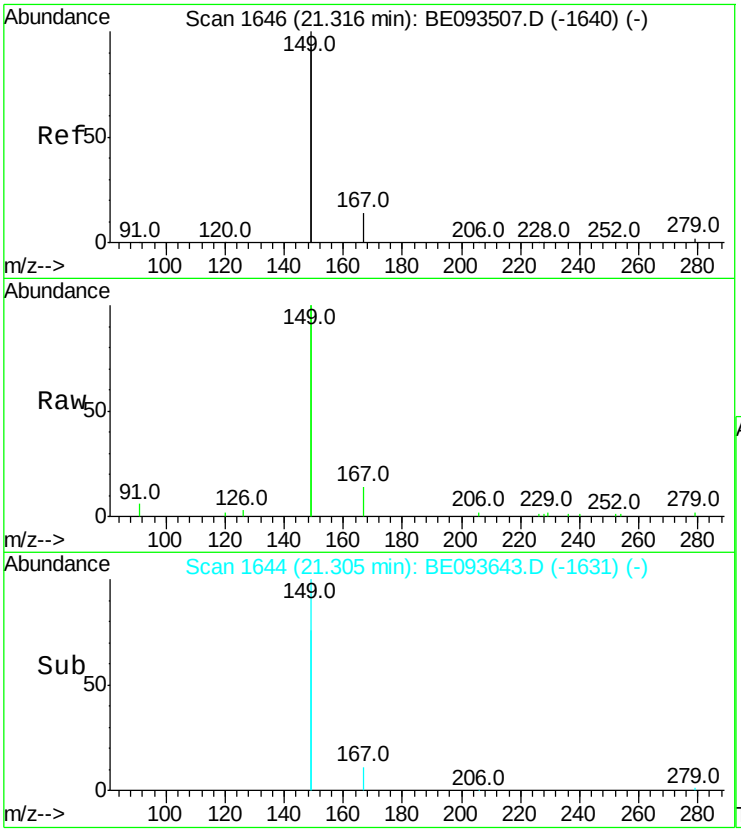


#31
Chrysene
Concen: 0.101 ng
RT: 21.45 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:228 Resp: 6938

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



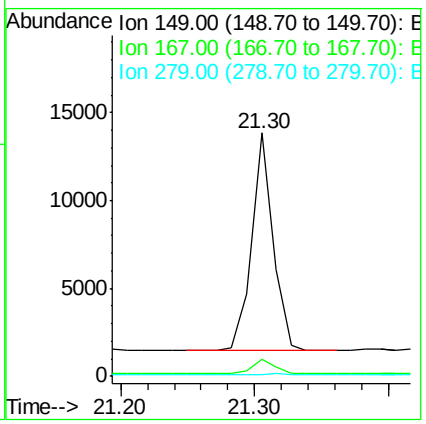


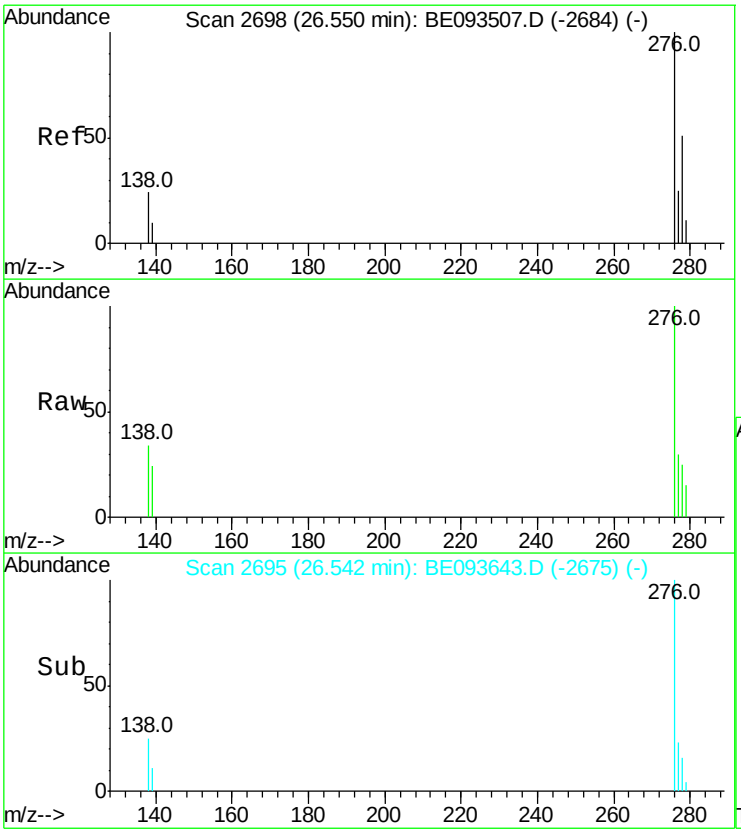
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.164 ng
RT: 21.30 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:149 Resp: 13782

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

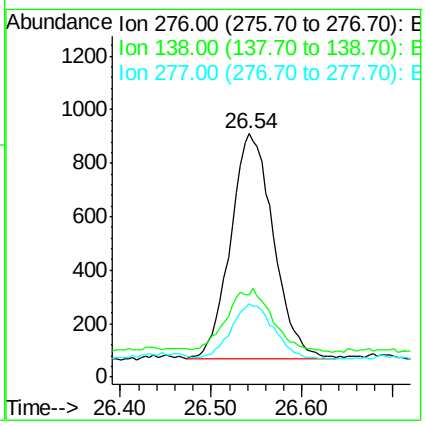


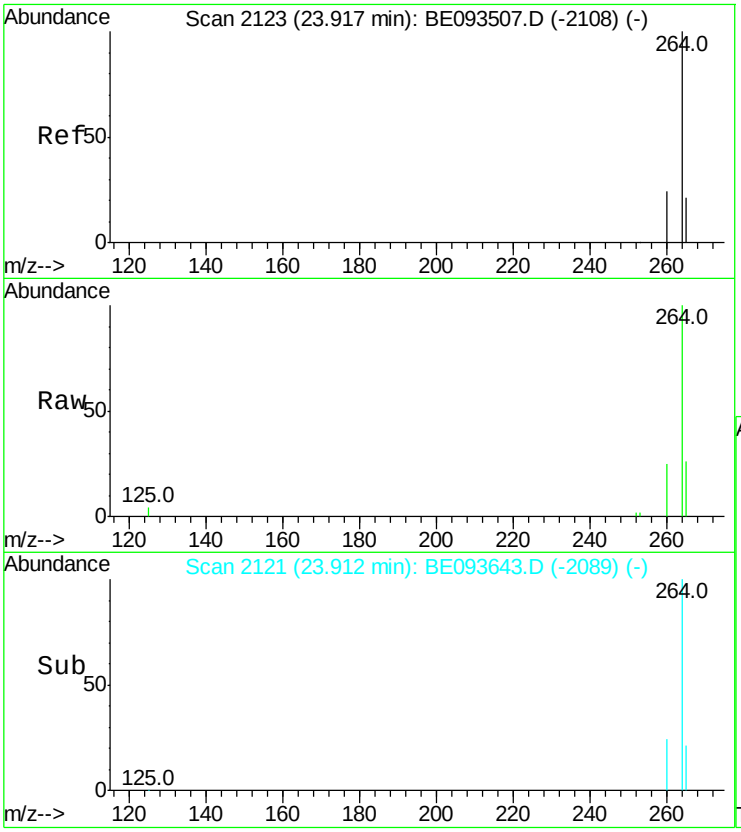


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.044 ng
RT: 26.54 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:276 Resp: 2734

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



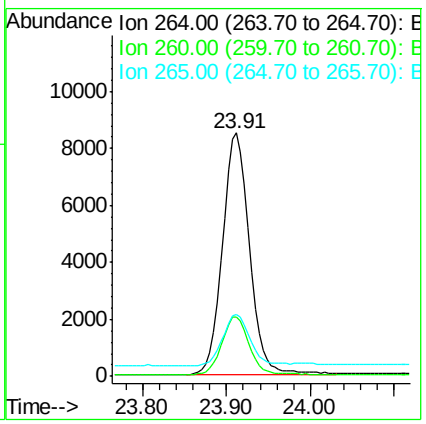


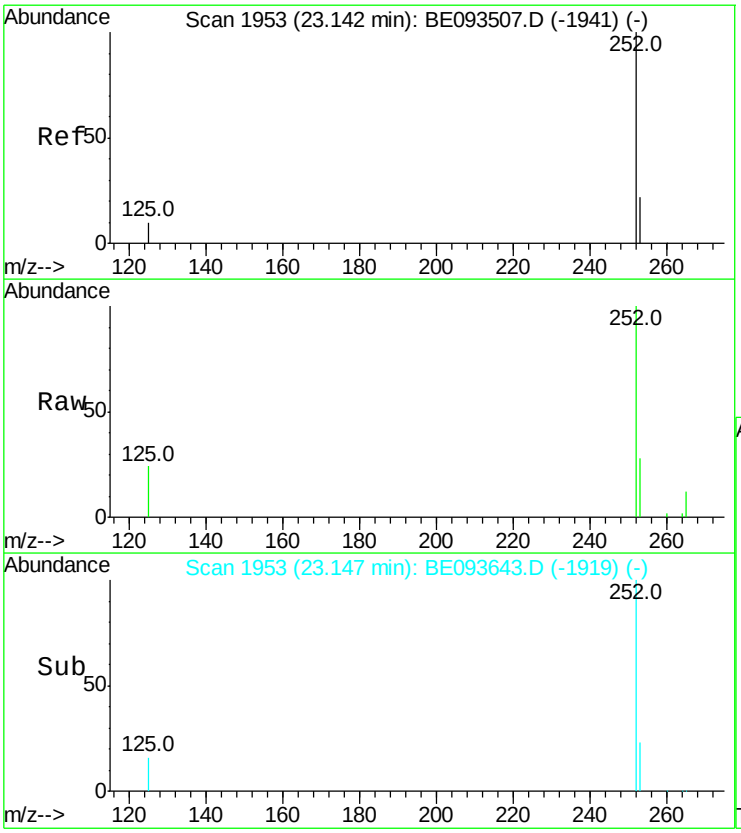
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:264 Resp: 18837

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

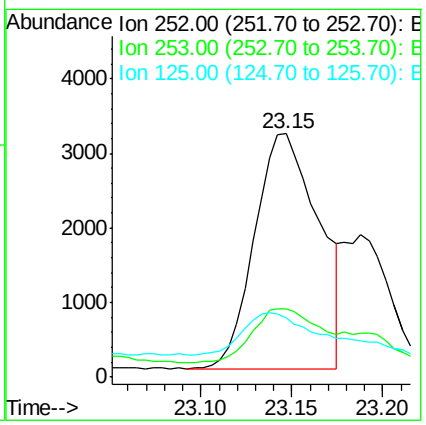


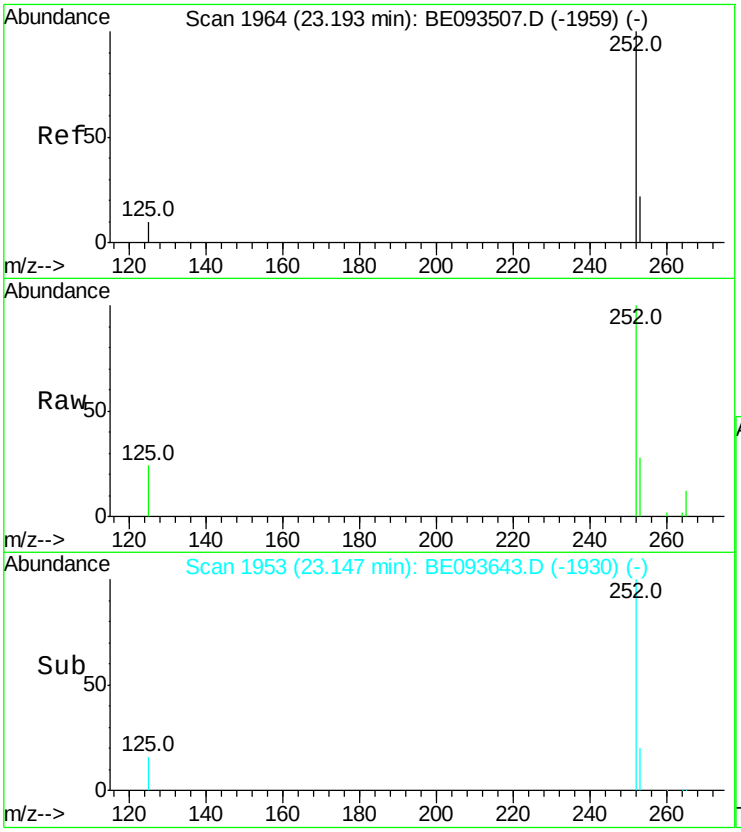


#35
Benzo(b)fluoranthene
Concen: 0.115 ng
RT: 23.15 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:252 Resp: 7707

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



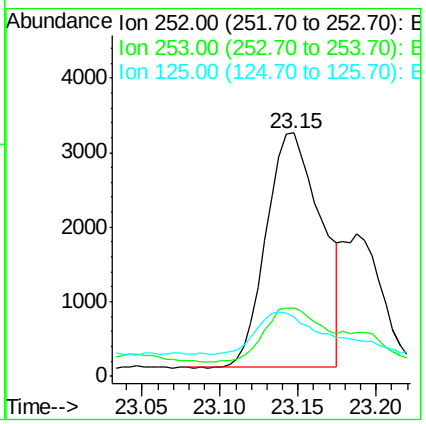


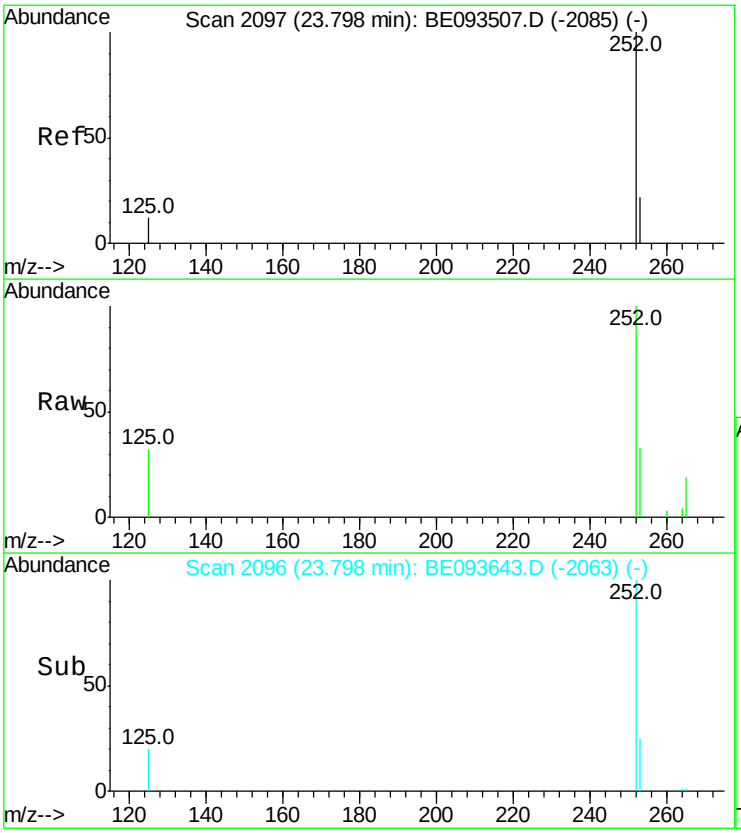
#36
Benzo(k)fluoranthene
Concen: 0.112 ng
RT: 23.15 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

Tgt Ion:252 Resp: 7703

Ion	Ratio	Lower	Upper
252	100		
253	28.2	20.3	30.5
125	24.2	12.2	18.4#

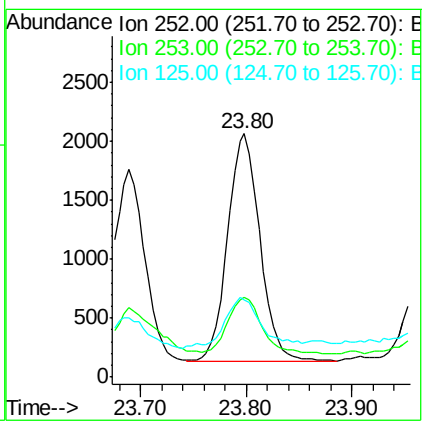


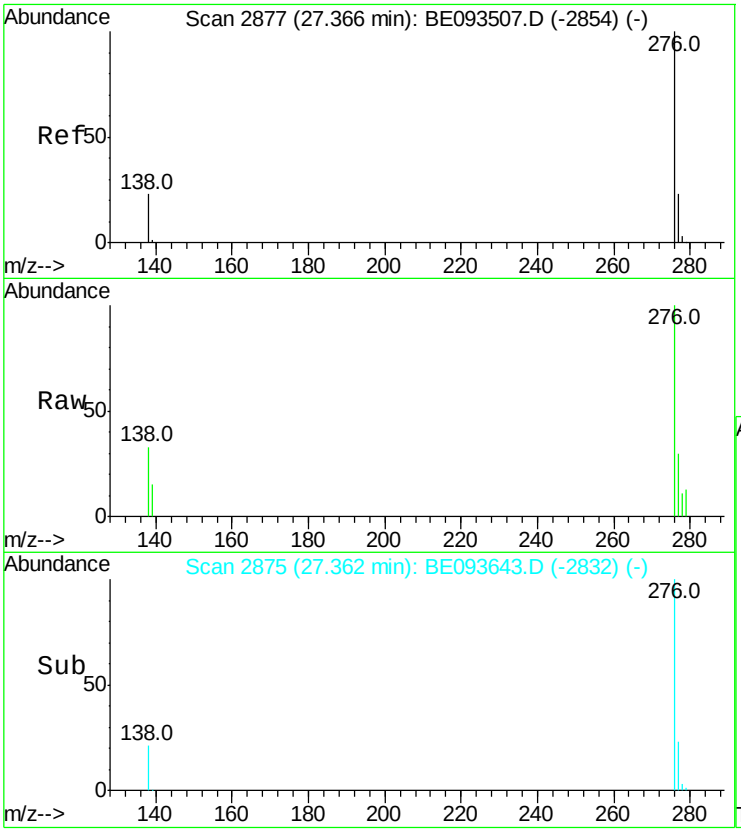


#37
Benzo(a)pyrene
Concen: 0.067 ng
RT: 23.80 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

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:276 Resp: 2406

Ion	Ratio	Lower	Upper
276	100		
277	30.3	21.2	31.8
138	33.0	24.5	36.7