Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080217\
Data File : BE093623.D
Acq On : 2 Aug 2017 12:34
Operator : SJ/JU
Sample : I4351-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 0550DL

Quant Time: Aug 02 16:13:52 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	2673	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	13436	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	7907	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	20993	0.40	ng		0.00
27) Chrysene-d12	21.40	240	20536	0.40	ng		-0.01
34) Perylene-d12	23.91	264	18122	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	428	0.05	ng		0.00
5) Phenol-d6	7.09	99	688	0.06	ng		0.00
8) Nitrobenzene-d5	9.06	82	534	0.05	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	782	0.04	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	137	0.17	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	1531	0.05	ng		-0.02
25) Fluoranthene-d10	19.27	212	14344	0.06	ng		0.00
29) Terphenyl-d14	19.86	244	3325	0.09	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.76	128	241950	1.556	ng		99
16) Acenaphthylene	14.24	152	47112	1.247	ng	#	87
17) Acenaphthene	14.58	154	28967	1.087	ng		99
18) Fluorene	15.56	166	23540	0.661	ng	#	86
23) Phenanthrene	17.27	178	61698	1.337	ng		95
24) Anthracene	17.37	178	73930	1.171	ng		96
26) Fluoranthene	19.30	202	146090	1.987	ng		99
28) Pyrene	19.66	202	37350	0.563	ng	#	94
30) Benzo(a)anthracene	21.39	228	31154	0.516	ng		95
31) Chrysene	21.45	228	28947	0.430	ng		96
32) Bis(2-ethylhexyl)phthalate	21.30	149	14301	0.174	ng		99
33) Indeno(1,2,3-cd)pyrene	26.55	276	82686	1.356	ng	#	92
35) Benzo(b)fluoranthene	23.14	252	100585	1.556	ng	#	94
36) Benzo(k)fluoranthene	23.19	252	40479	0.613	ng	#	93
37) Benzo(a)pyrene	23.80	252	47155	0.805	ng	#	94
38) Dibenzo(a,h)anthracene	26.57	278	61008	1.079	ng	#	88
39) Benzo(g,h,i)perylene	27.36	276	27925	0.487	ng	#	91

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

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Quant Time: Aug 02 16:13:52 2017
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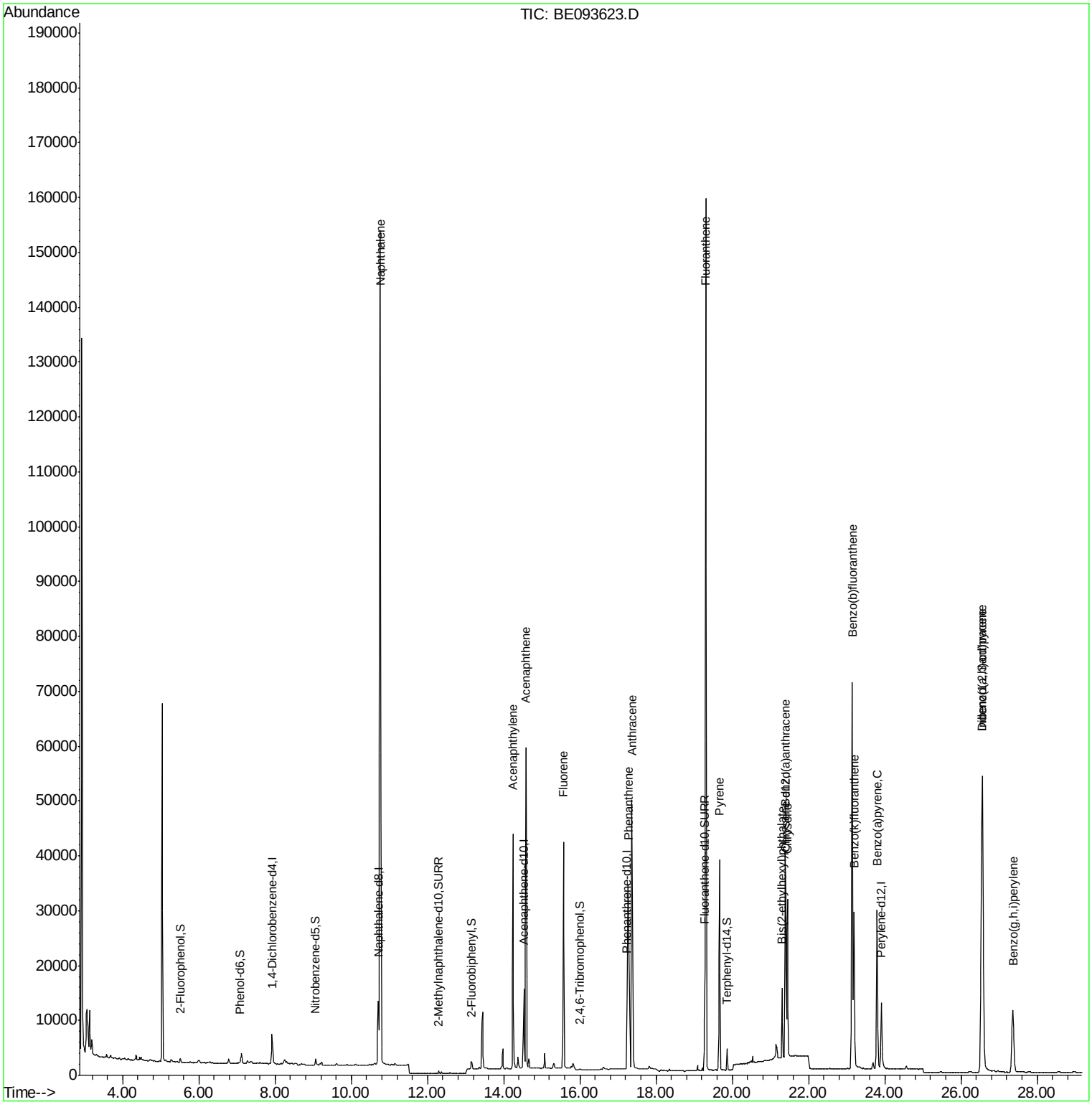
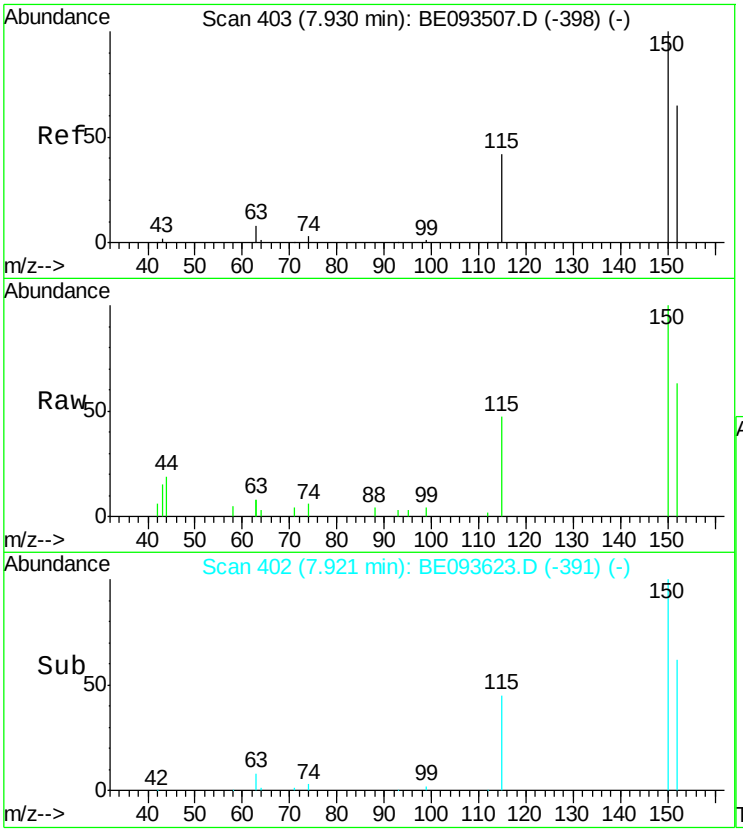
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration



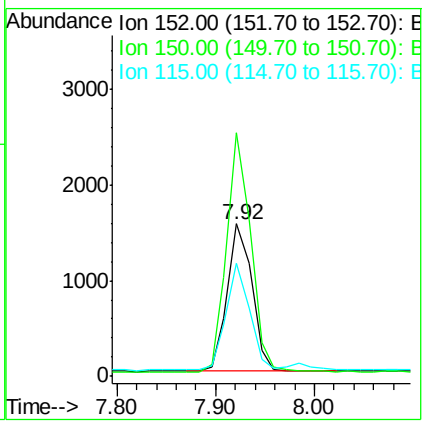


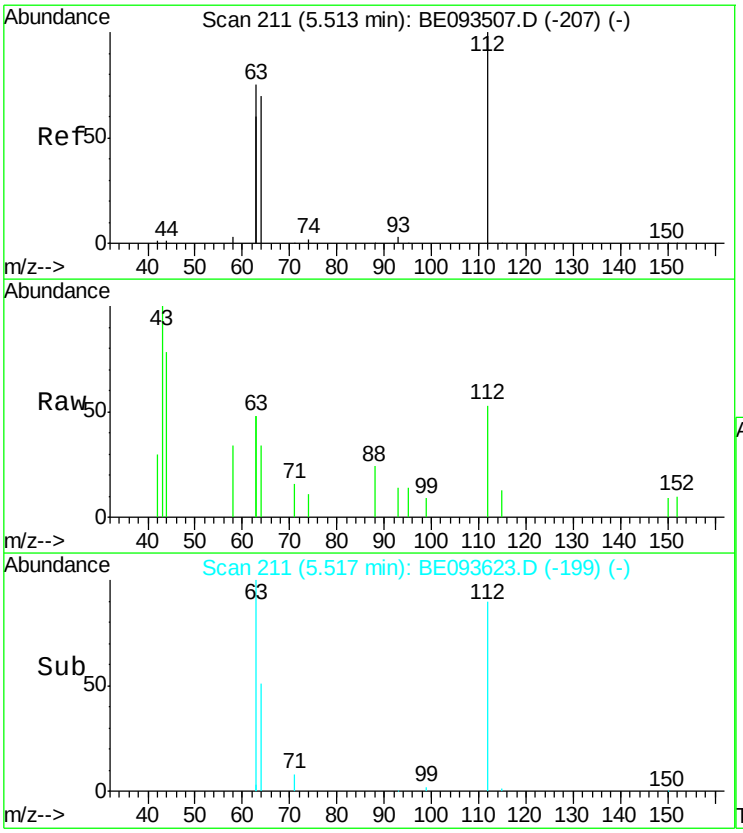
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:152 Resp: 2673

Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.1	187.7
115	74.2	55.7	83.5

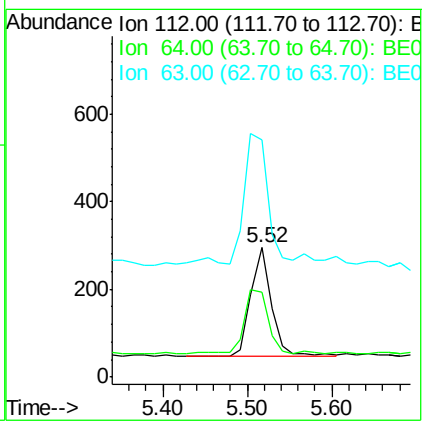


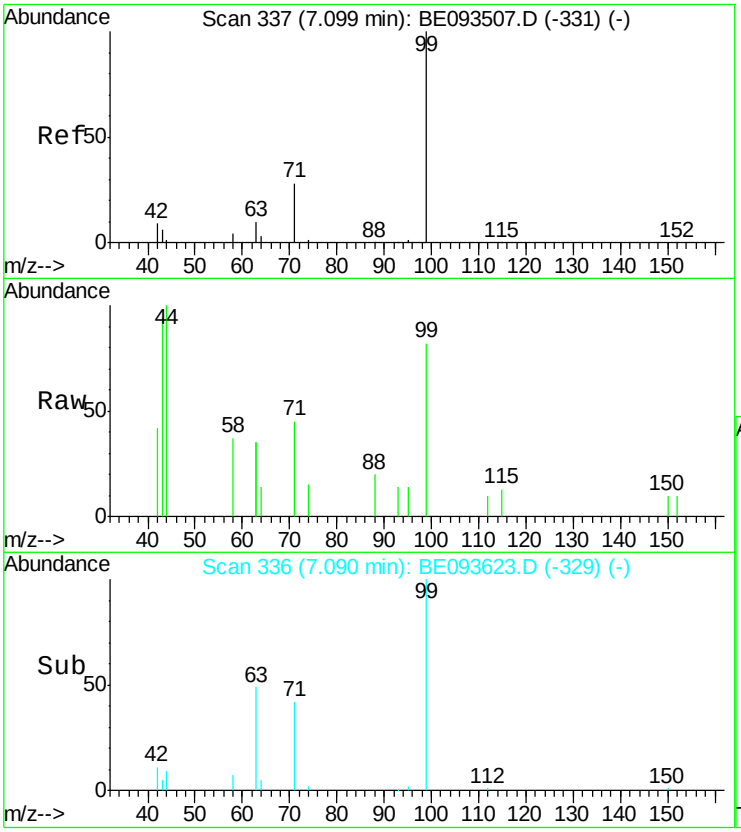


#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:112 Resp: 428

Ion	Ratio	Lower	Upper
112	100		
64	69.6	56.4	84.6
63	147.2	29.3	43.9#



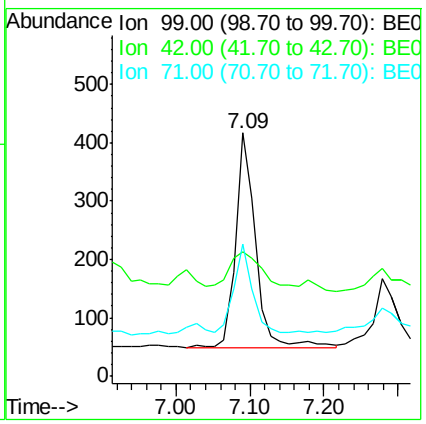


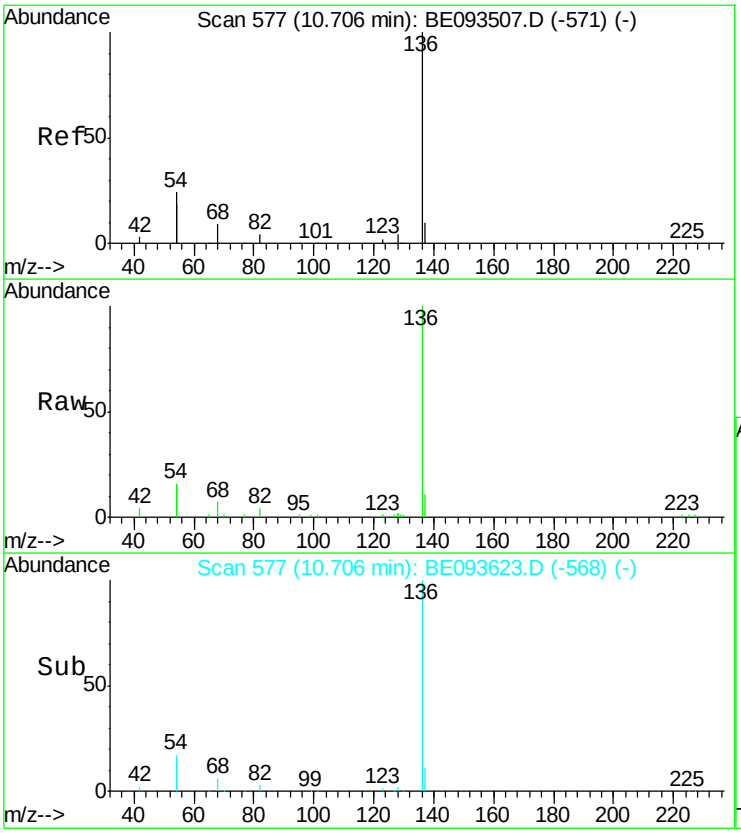
#5
Phenol-d6
Concen: 0.057 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion: 99 Resp: 688

Ion	Ratio	Lower	Upper
99	100		
42	26.9	0.0	0.0#
71	37.8	0.0	0.0#

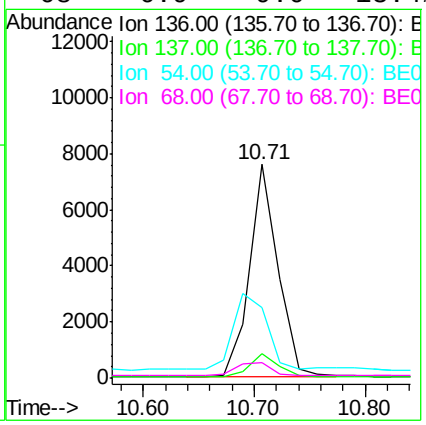


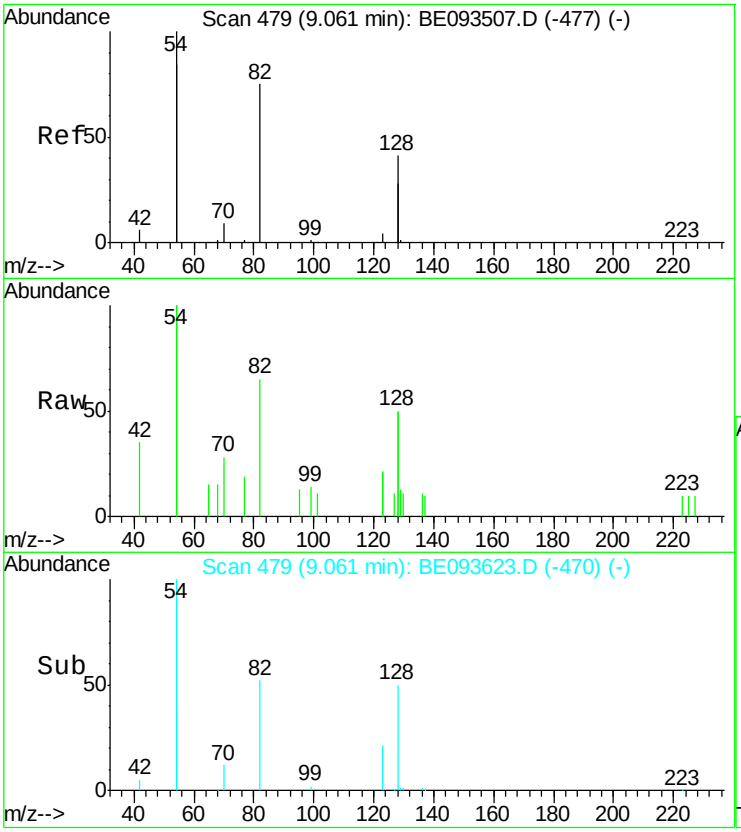


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:136 Resp: 13436

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	32.9	10.3	15.5#
68	6.9	9.0	13.4#



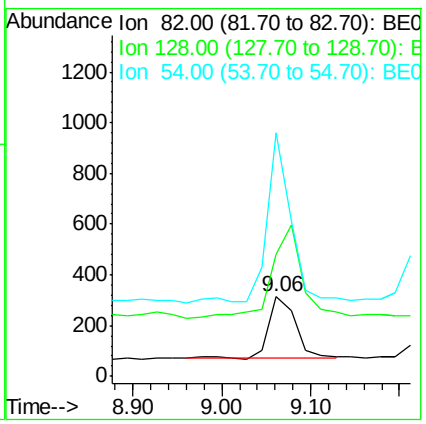


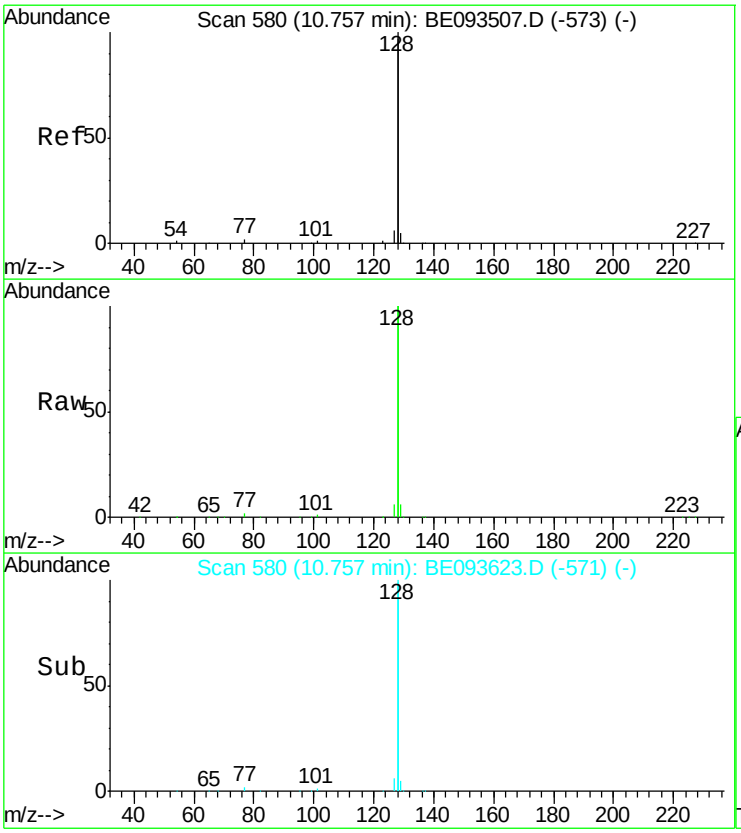
#8
Nitrobenzene-d5
Concen: 0.052 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion: 82 Resp: 534

Ion	Ratio	Lower	Upper
82	100		
128	152.9	17.0	25.4#
54	305.7	53.8	80.6#

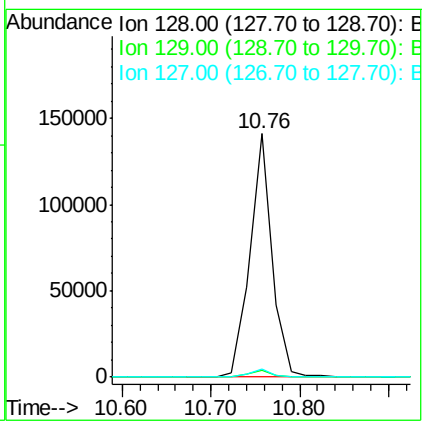


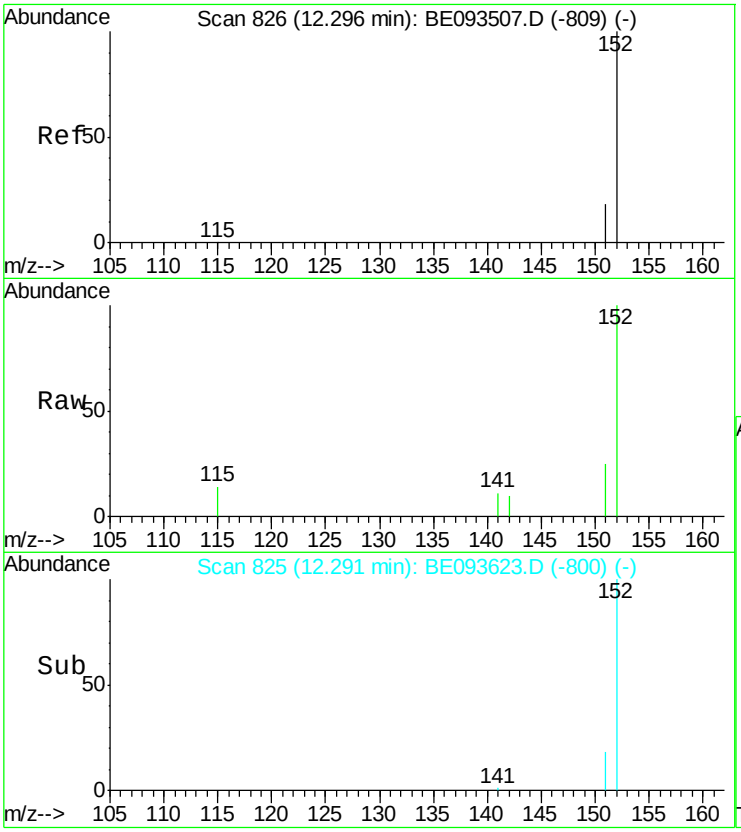


#9
Naphthalene
Concen: 1.556 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:128 Resp: 241950

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.2	2.4	3.6



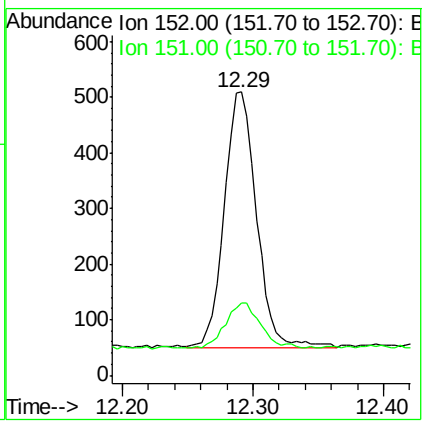


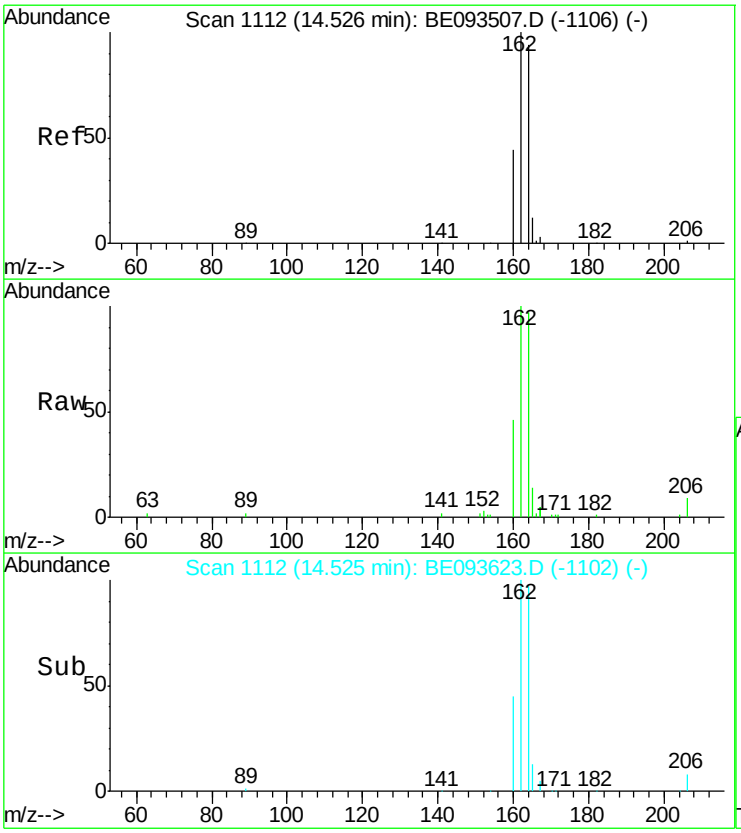
#11
2-Methylnaphthalene-d10
Concen: 0.037 ng
RT: 12.29 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:152 Resp: 782

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.1	22.7

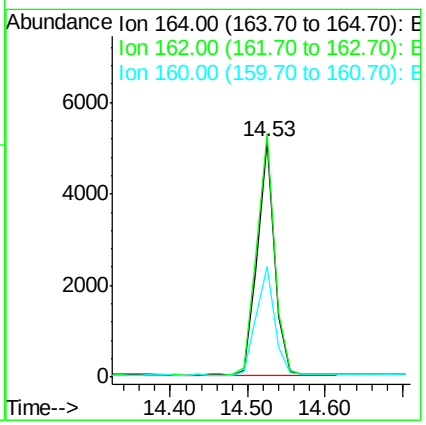


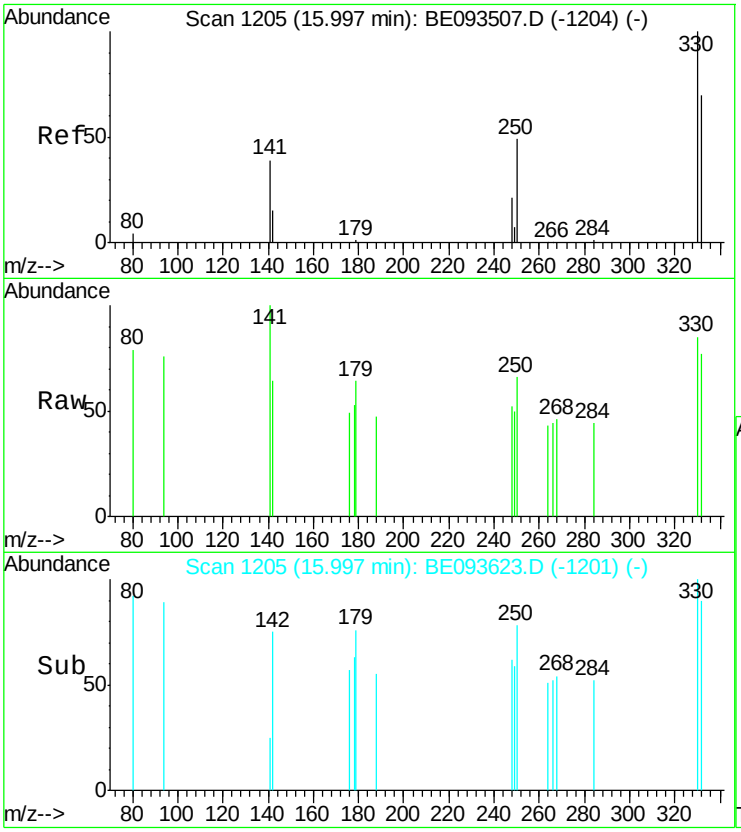


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:164 Resp: 7907

Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.6	127.0
160	47.1	41.8	62.6



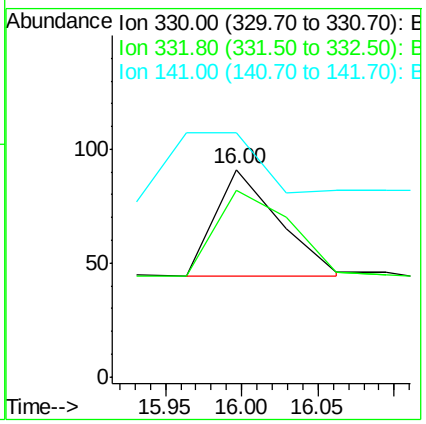


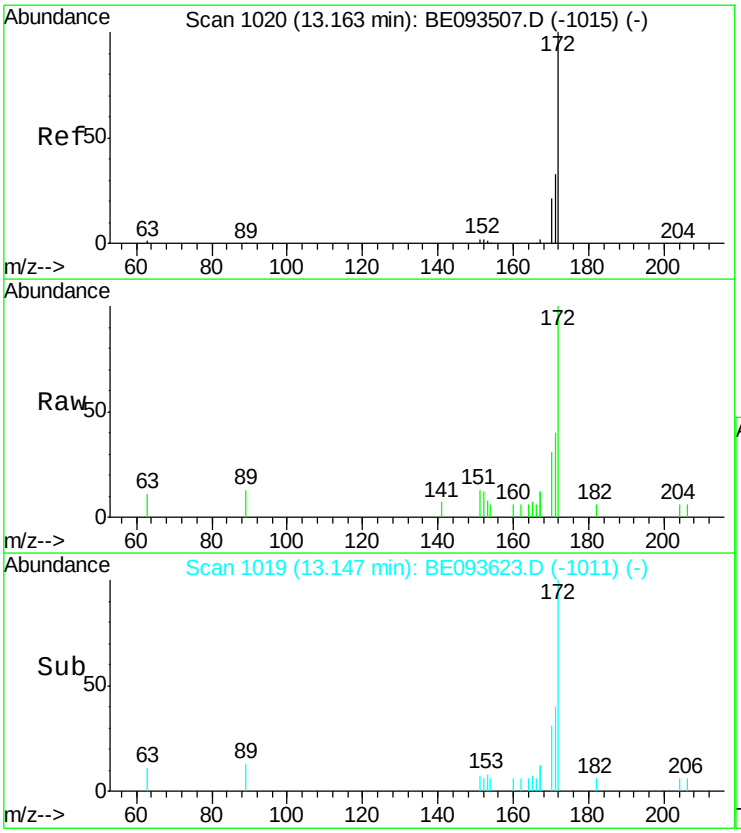
#14
2,4,6-Tribromophenol
Concen: 0.166 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:330 Resp: 137

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.7	116.5
141	0.0	56.2	84.4#

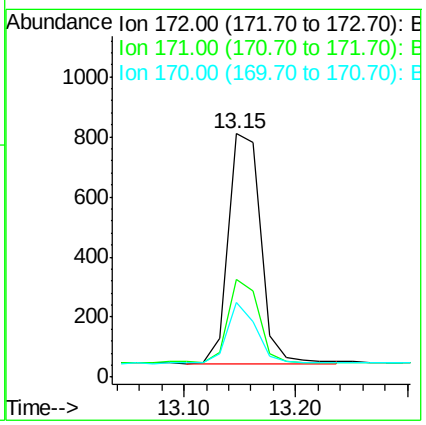


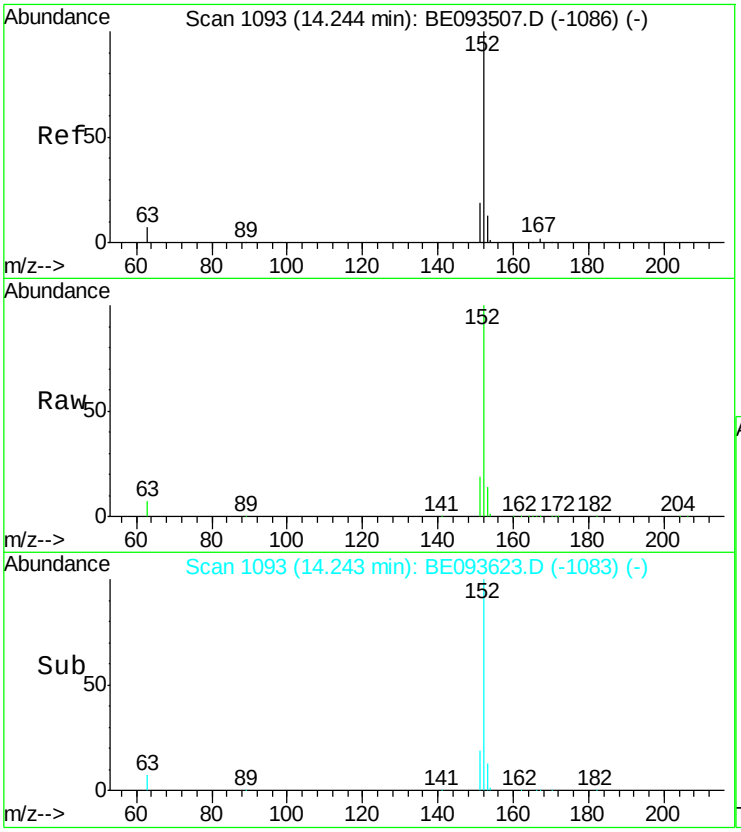


#15
2-Fluorobiphenyl
Concen: 0.048 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:172 Resp: 1531

Ion	Ratio	Lower	Upper
172	100		
171	40.1	29.8	44.6
170	30.8	20.7	31.1



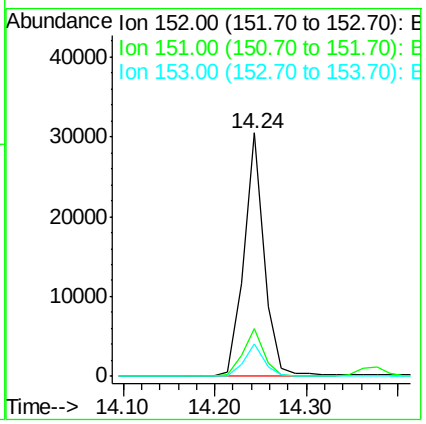


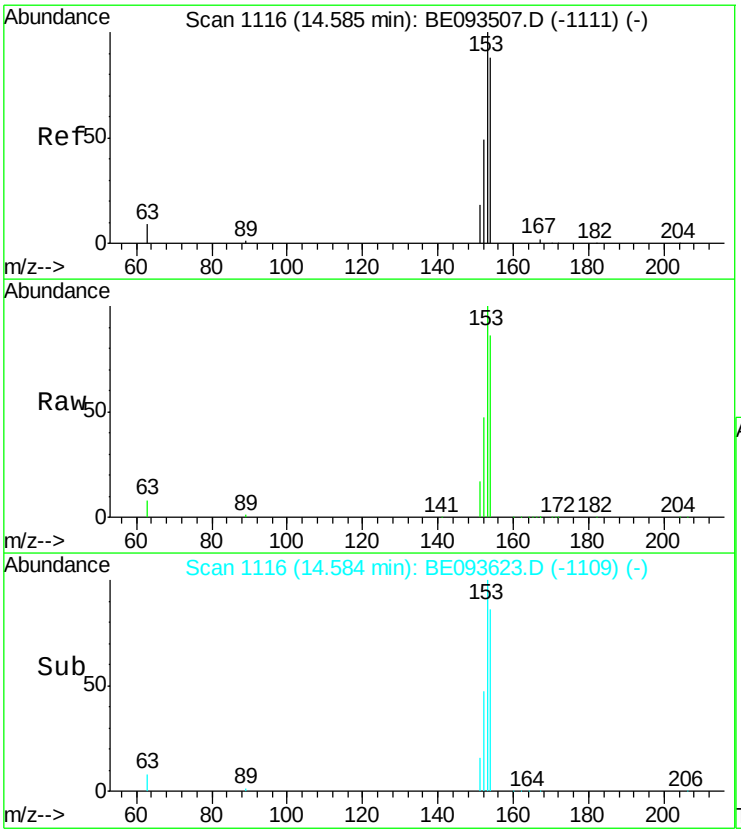
#16
Acenaphthylene
Concen: 1.247 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:152 Resp: 47112

Ion	Ratio	Lower	Upper
152	100		
151	19.6	4.0	6.0#
153	13.3	10.3	15.5

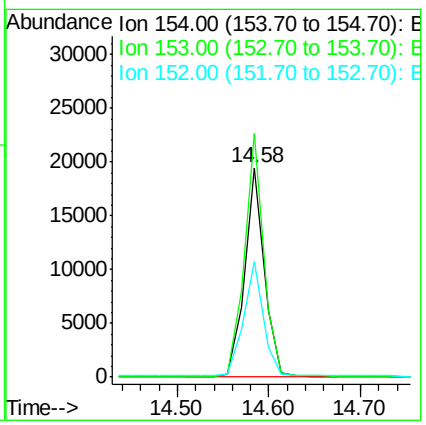


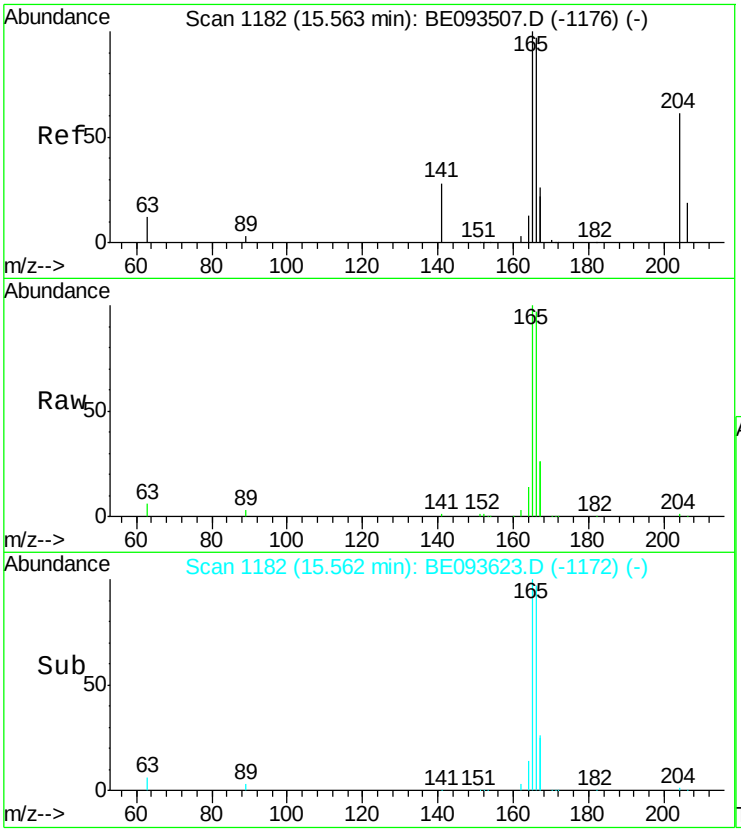


#17
Acenaphthene
Concen: 1.087 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:154 Resp: 28967

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.2	136.8
152	55.3	44.8	67.2



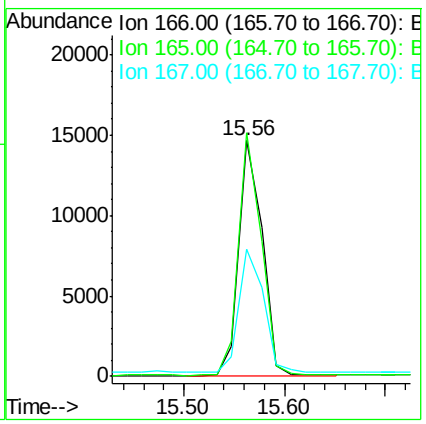


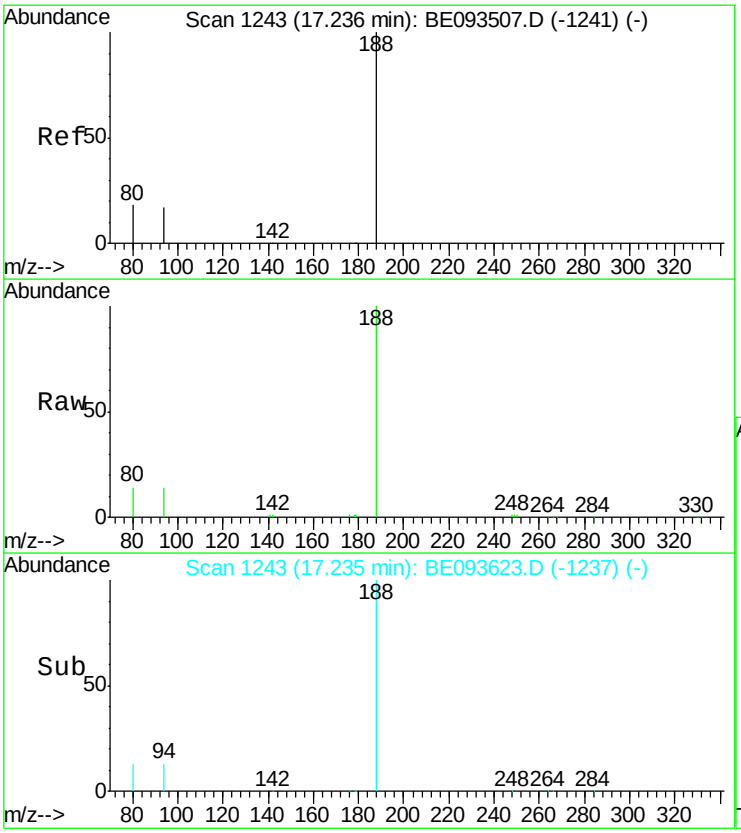
#18
Fluorene
Concen: 0.661 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:166 Resp: 23540

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	55.8	11.1	16.7#

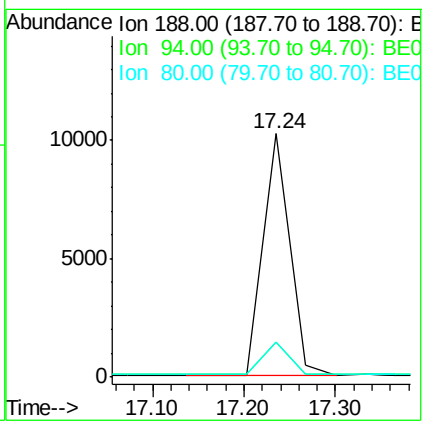


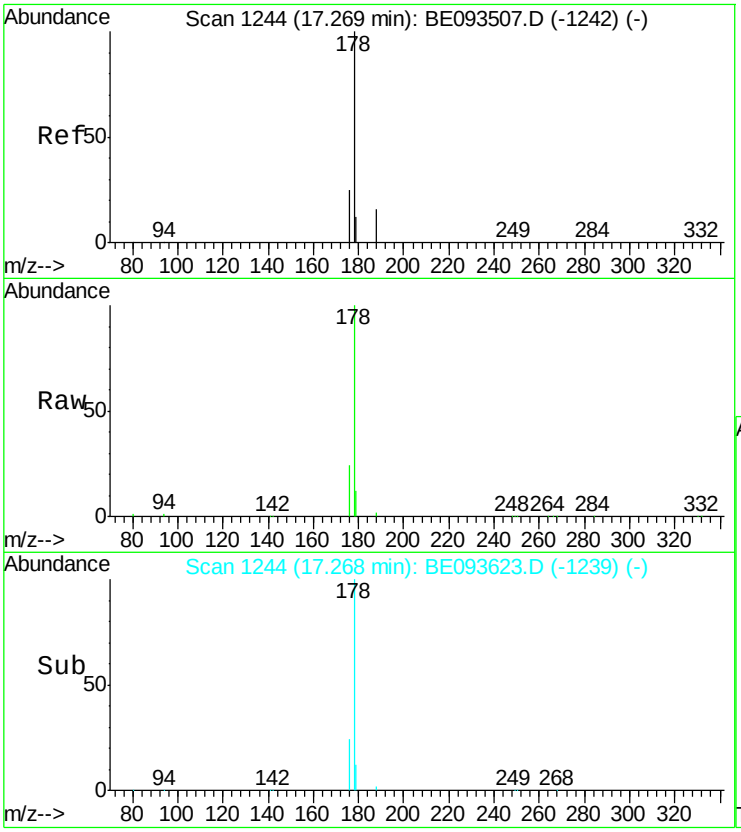


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:188 Resp: 20993

Ion	Ratio	Lower	Upper
188	100		
94	14.1	11.3	16.9
80	14.4	11.7	17.5



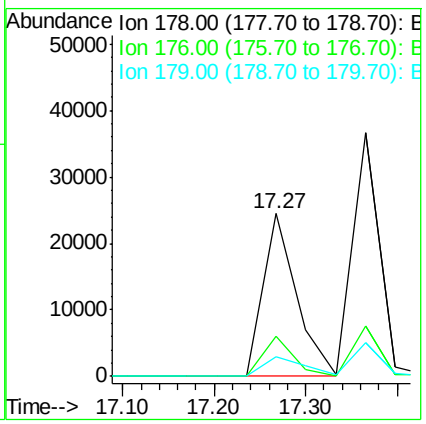


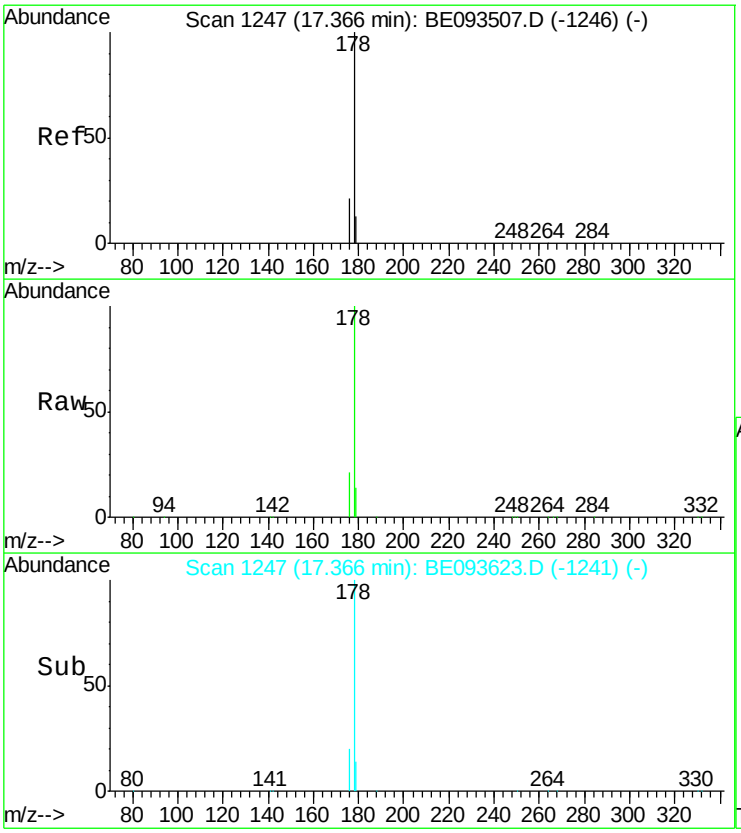
#23
Phenanthrene
Concen: 1.337 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:178 Resp: 61698

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.0	22.4
179	14.1	12.7	19.1

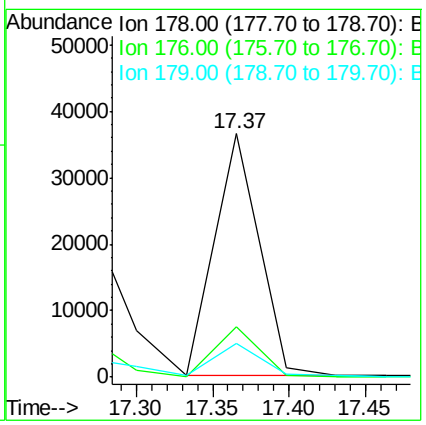


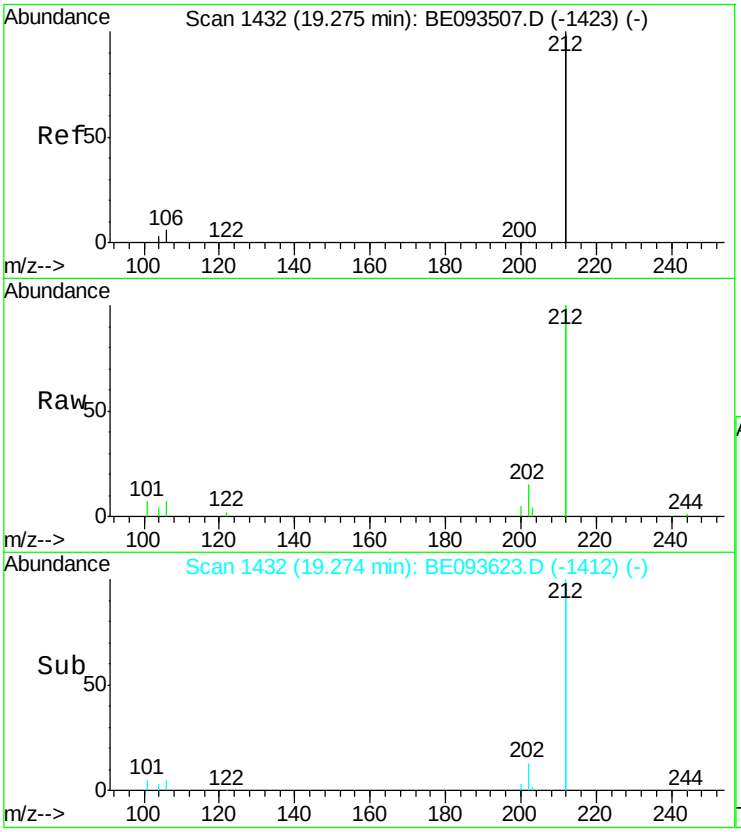


#24
Anthracene
Concen: 1.171 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:178 Resp: 73930

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.6	22.0
179	13.6	12.0	18.0



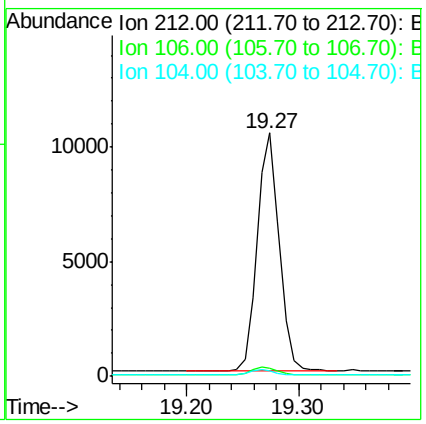


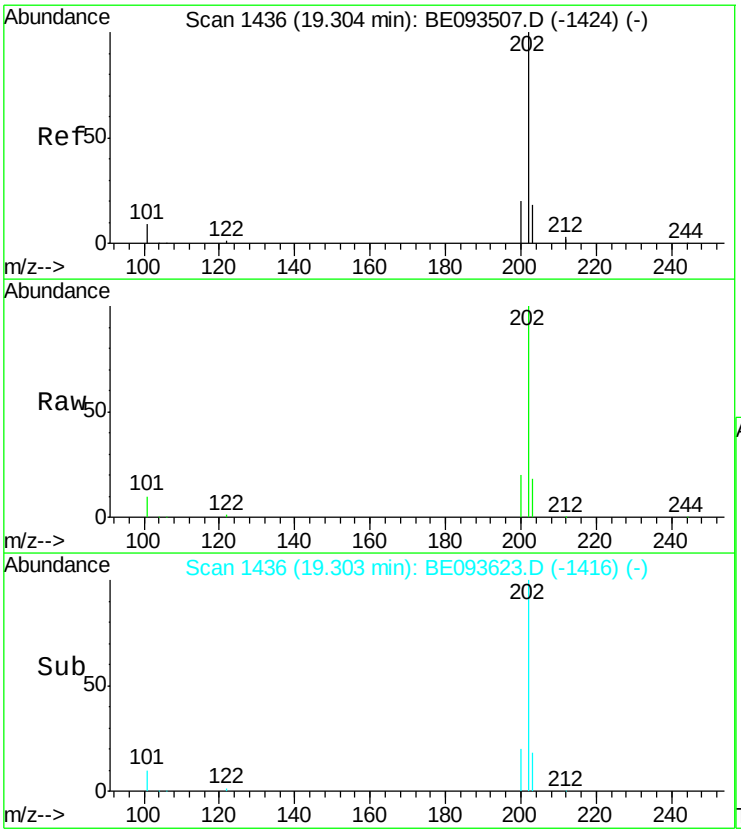
#25
Fluoranthene-d10
Concen: 0.060 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:212 Resp: 14344

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

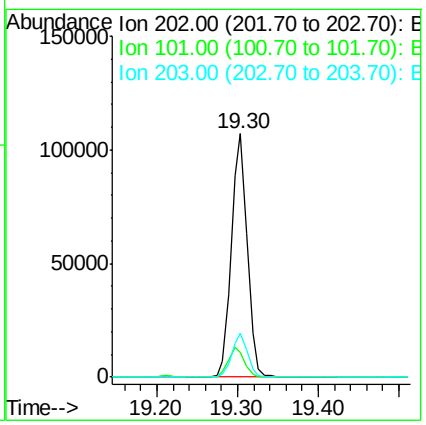


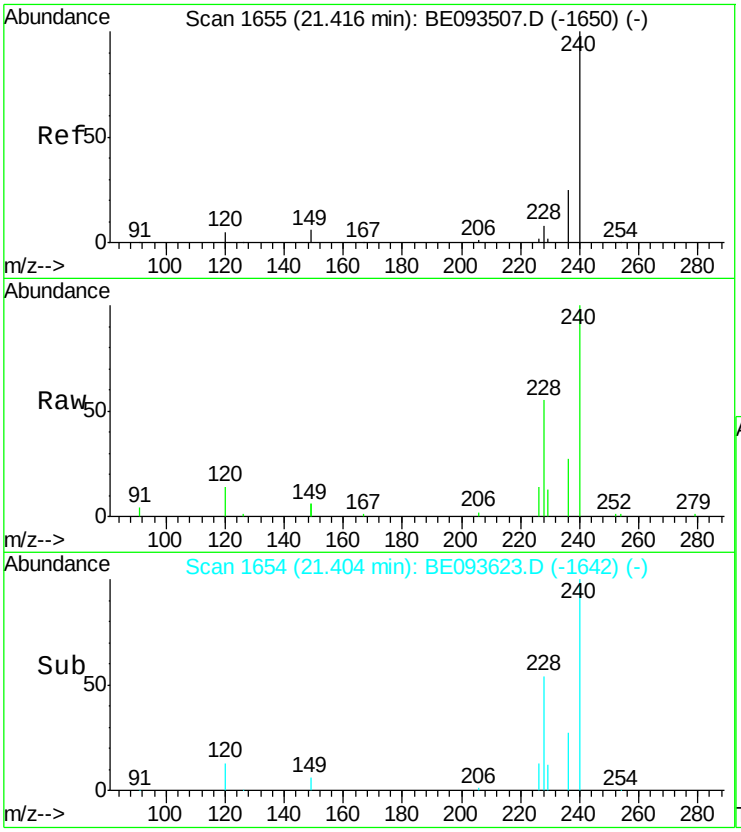


#26
Fluoranthene
Concen: 1.987 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:202 Resp: 146090

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.5	14.4	21.6



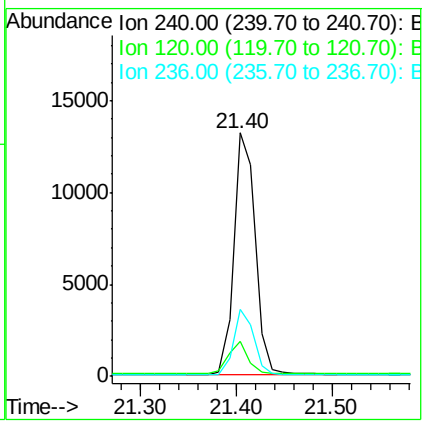


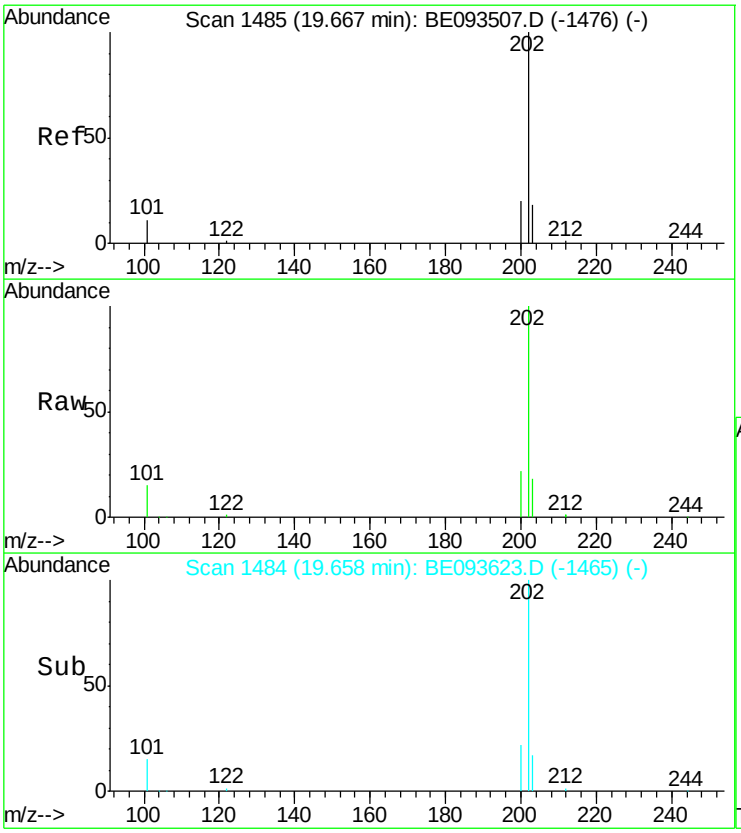
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:240 Resp: 20536

Ion	Ratio	Lower	Upper
240	100		
120	14.4	4.6	7.0#
236	27.5	20.8	31.2

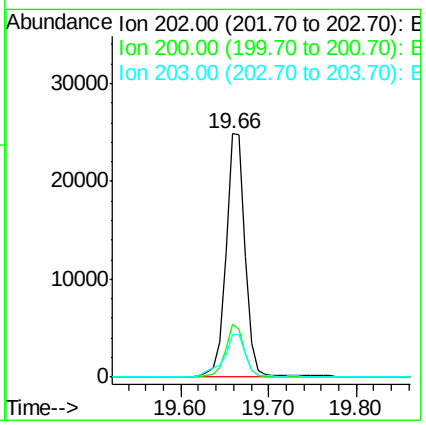


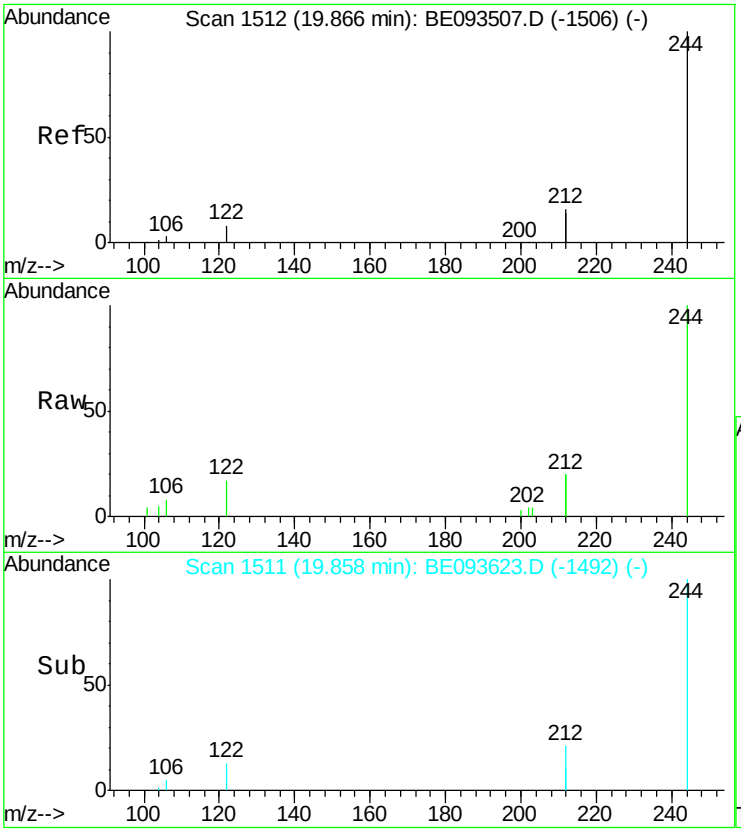


#28
Pyrene
Concen: 0.563 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:202 Resp: 37350

Ion	Ratio	Lower	Upper
202	100		
200	20.9	0.0	0.0#
203	19.7	13.7	20.5



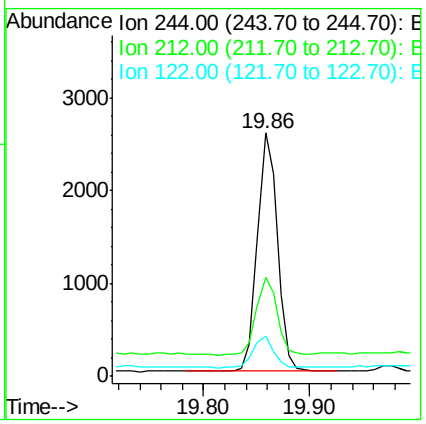


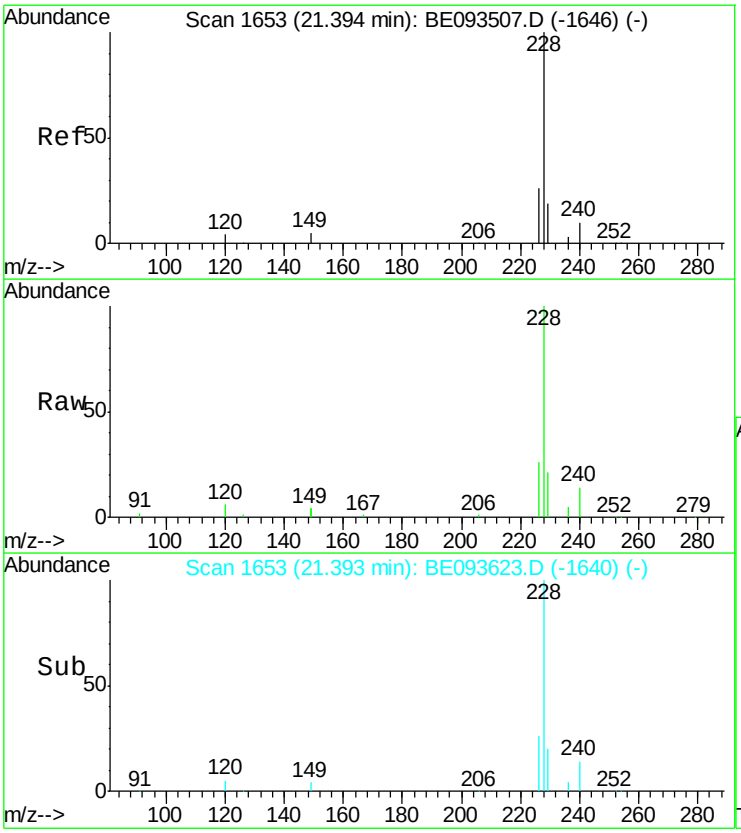
#29
Terphenyl-d14
Concen: 0.090 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:244 Resp: 3325

Ion	Ratio	Lower	Upper
244	100		
212	40.8	10.6	16.0#
122	16.6	15.4	23.0

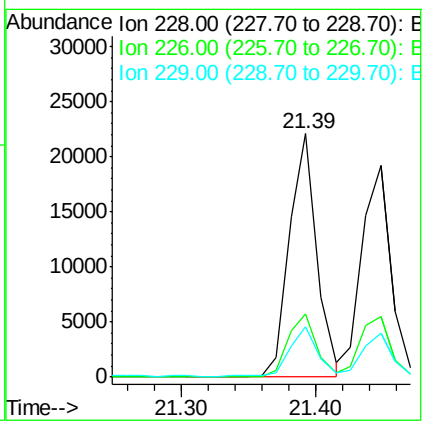


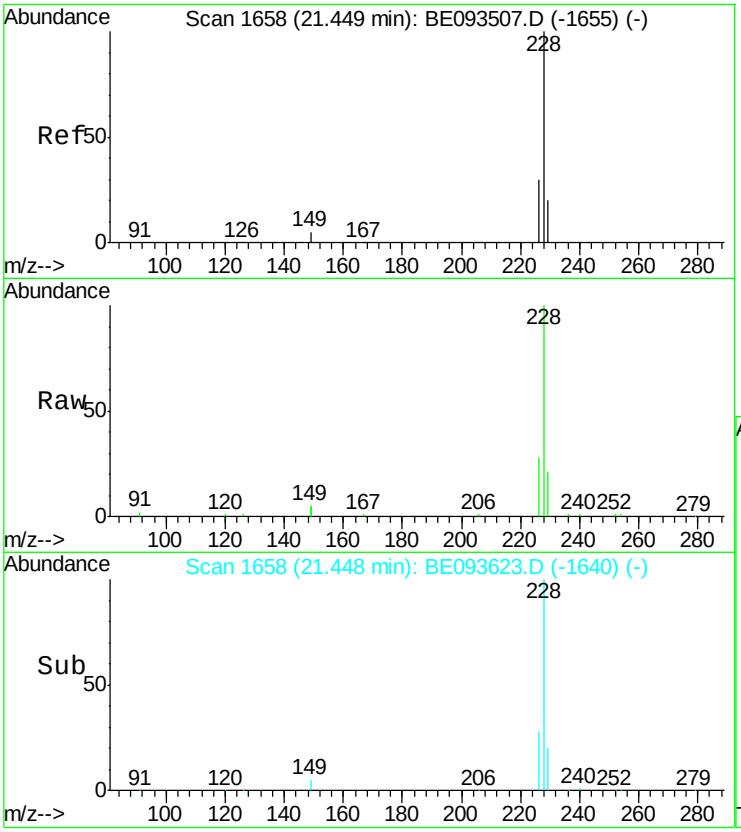


#30
Benzo(a)anthracene
Concen: 0.516 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:228 Resp: 31154

Ion	Ratio	Lower	Upper
228	100		
226	26.0	19.7	29.5
229	20.7	19.2	28.8



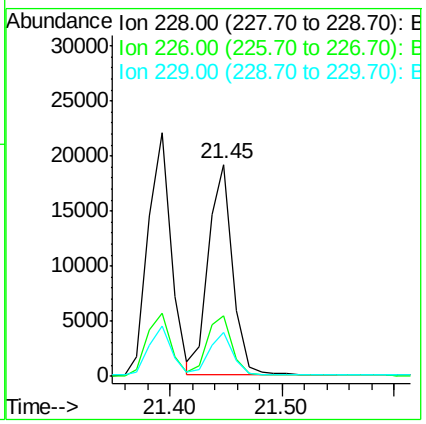


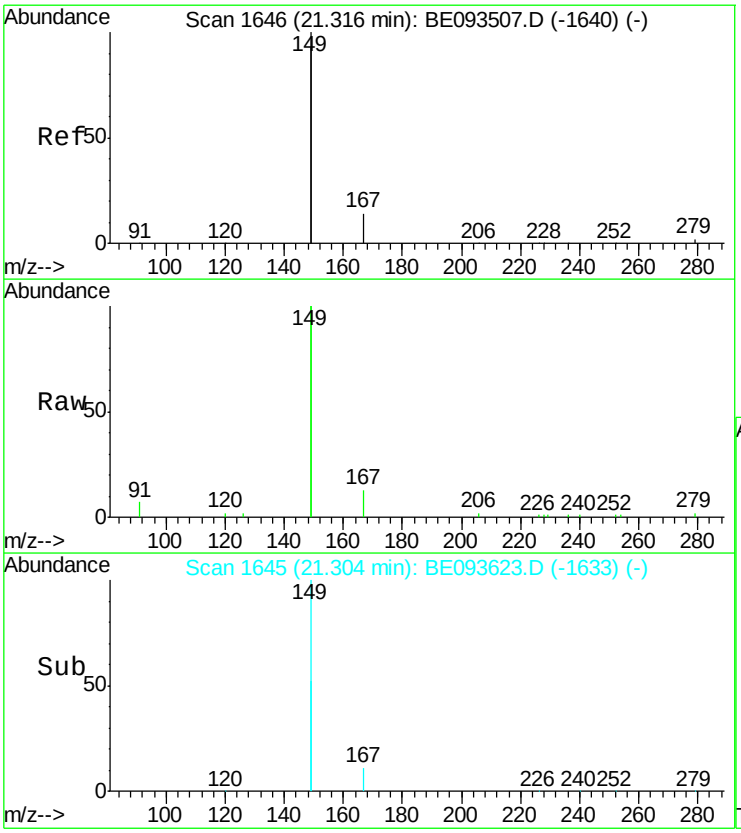
#31
Chrysene
Concen: 0.430 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:228 Resp: 28947

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.5	32.3
229	20.6	18.6	28.0

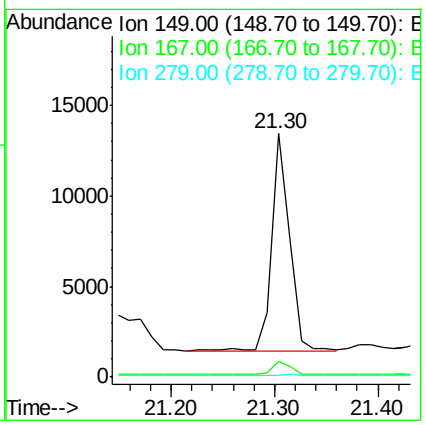


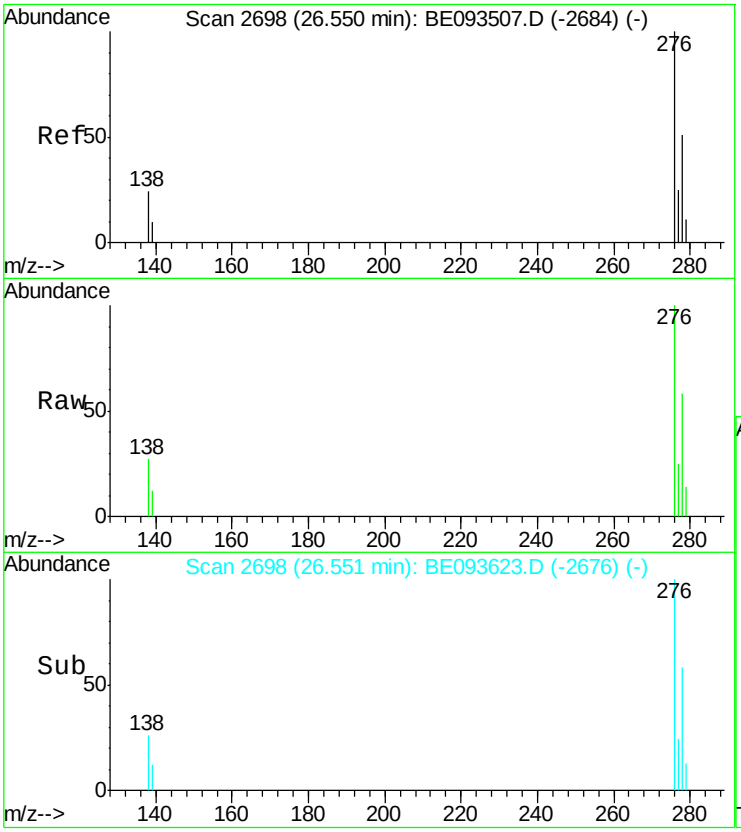


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.174 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:149 Resp: 14301

Ion	Ratio	Lower	Upper
149	100		
167	6.5	4.8	7.2
279	1.0	0.8	1.2



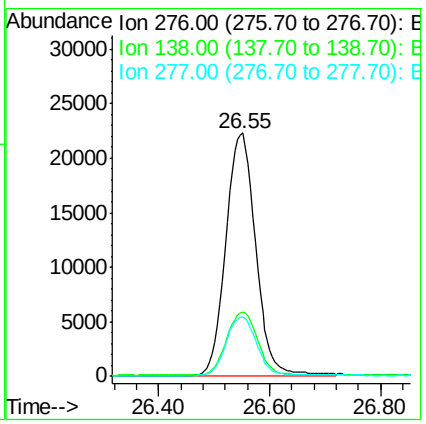


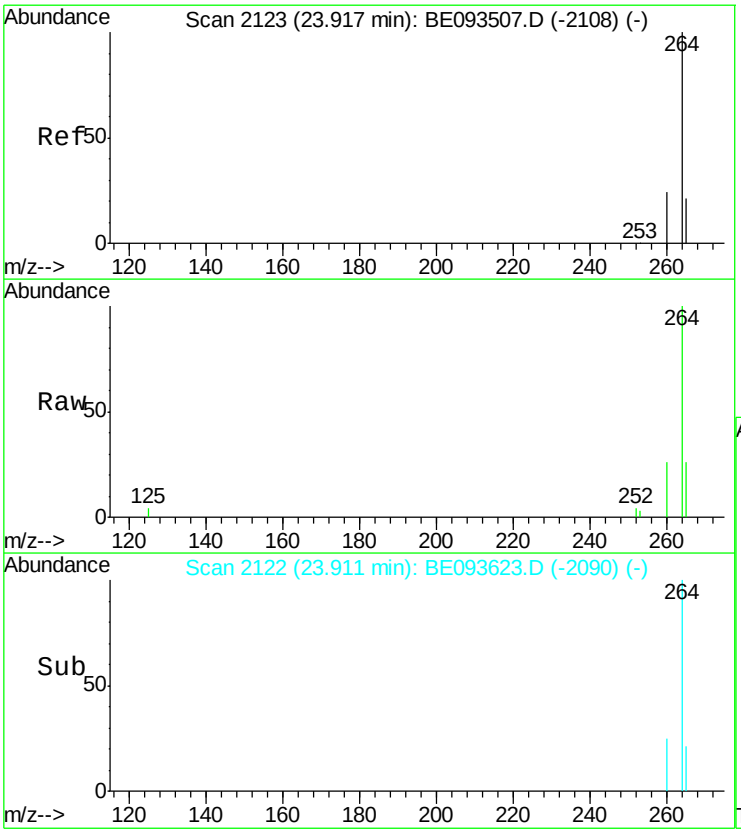
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.356 ng
RT: 26.55 min Scan# 2698
Delta R.T. 0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:276 Resp: 82686

Ion	Ratio	Lower	Upper
276	100		
138	27.2	27.4	41.2#
277	24.7	20.1	30.1

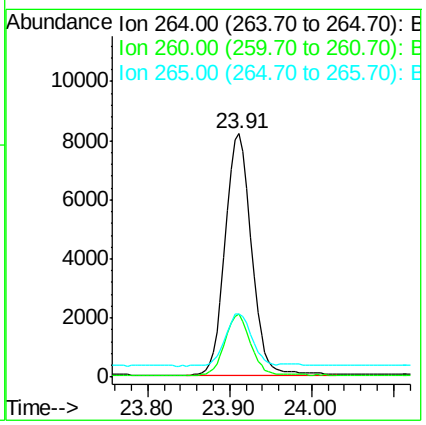


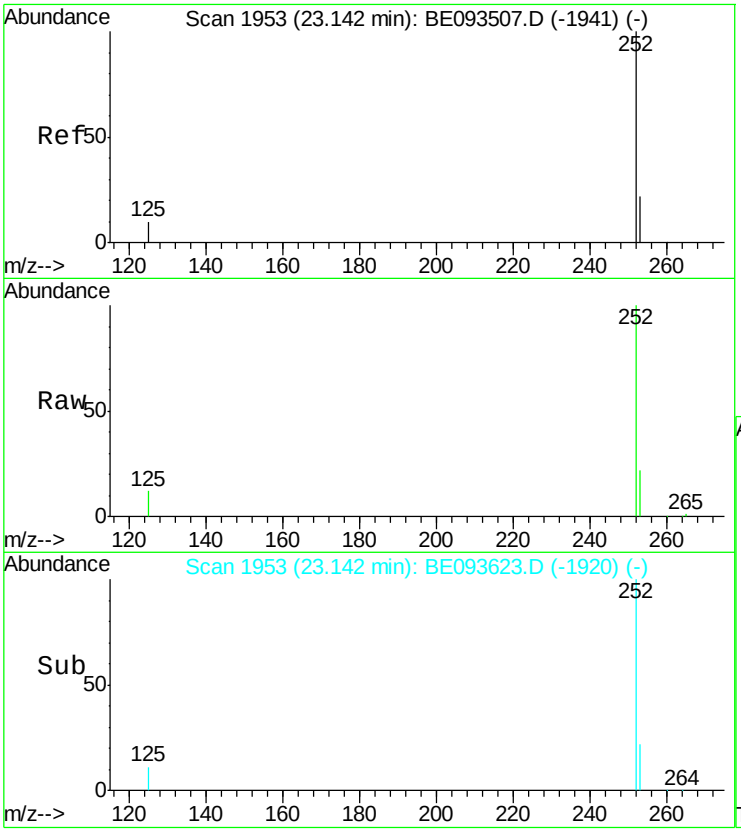


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:264 Resp: 18122

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.0	31.4
265	25.8	24.6	36.8



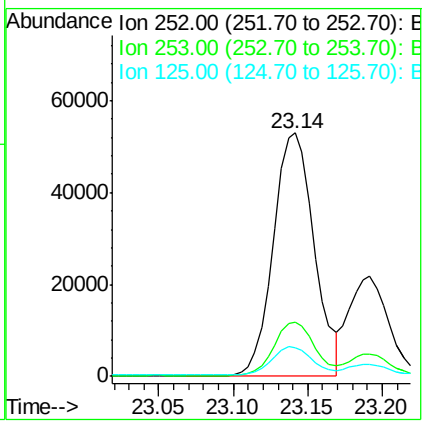


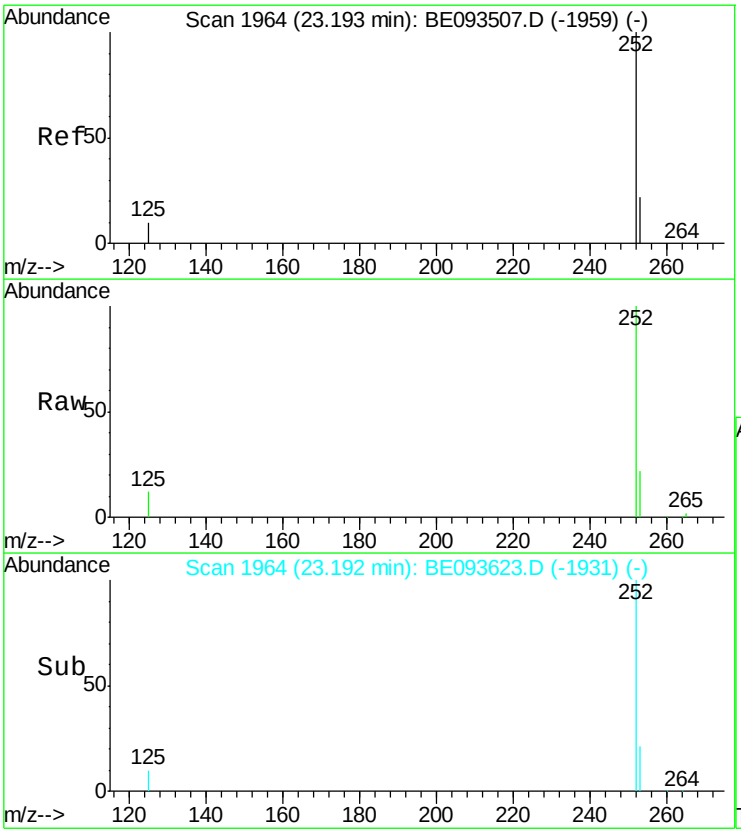
#35
Benzo(b)fluoranthene
Concen: 1.556 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:252 Resp: 100585

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	11.9	13.4	20.0#

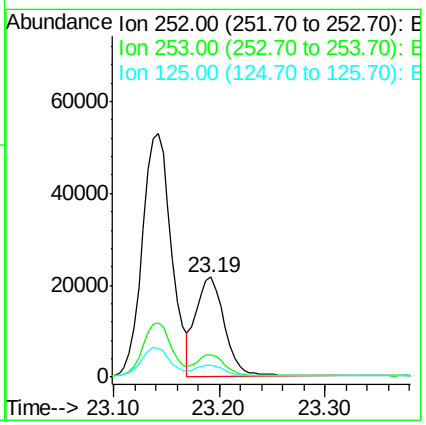


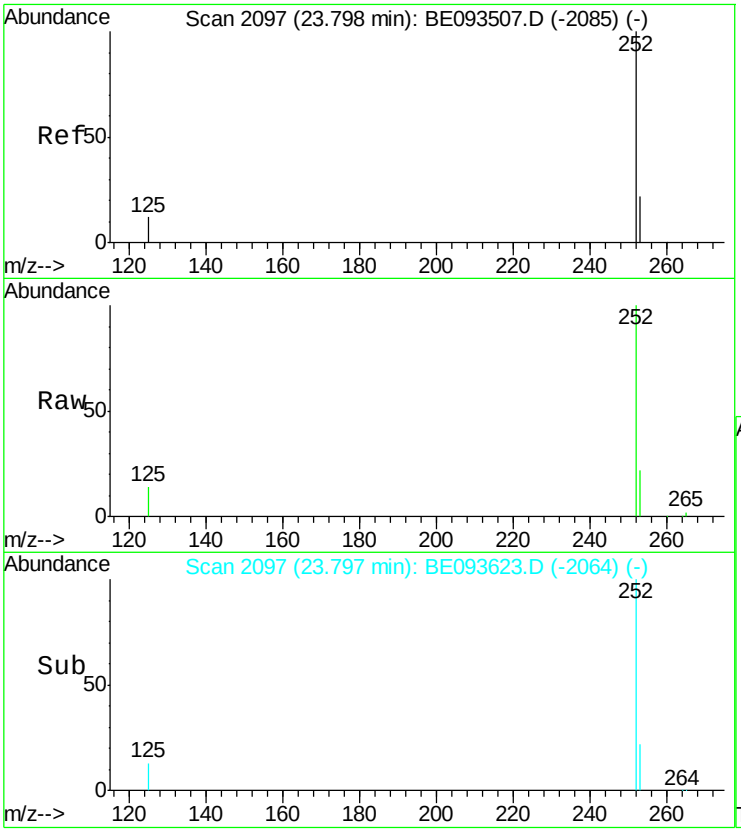


#36
Benzo(k)fluoranthene
Concen: 0.613 ng
RT: 23.19 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:252 Resp: 40479

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.3	30.5
125	12.0	12.2	18.4#



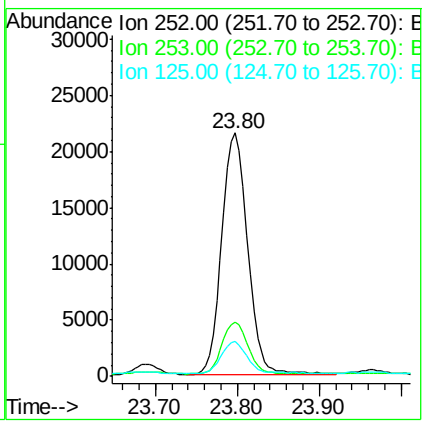


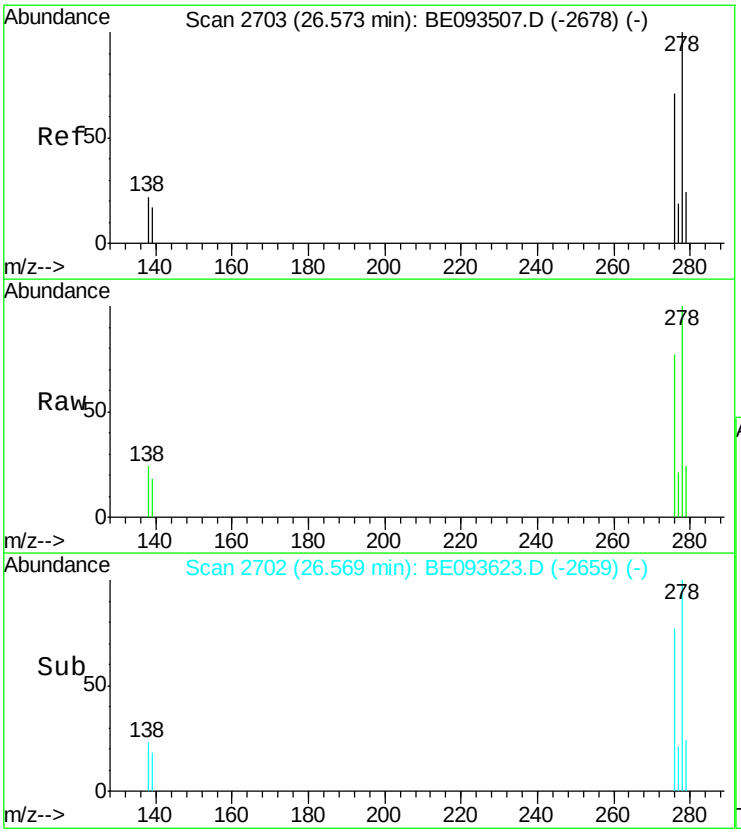
#37
Benzo(a)pyrene
Concen: 0.805 ng
RT: 23.80 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:252 Resp: 47155

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.9	29.9
125	14.4	14.6	21.8#

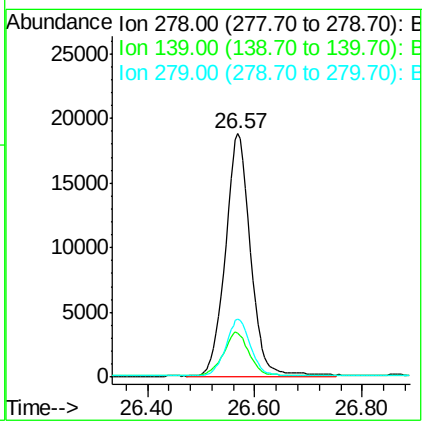


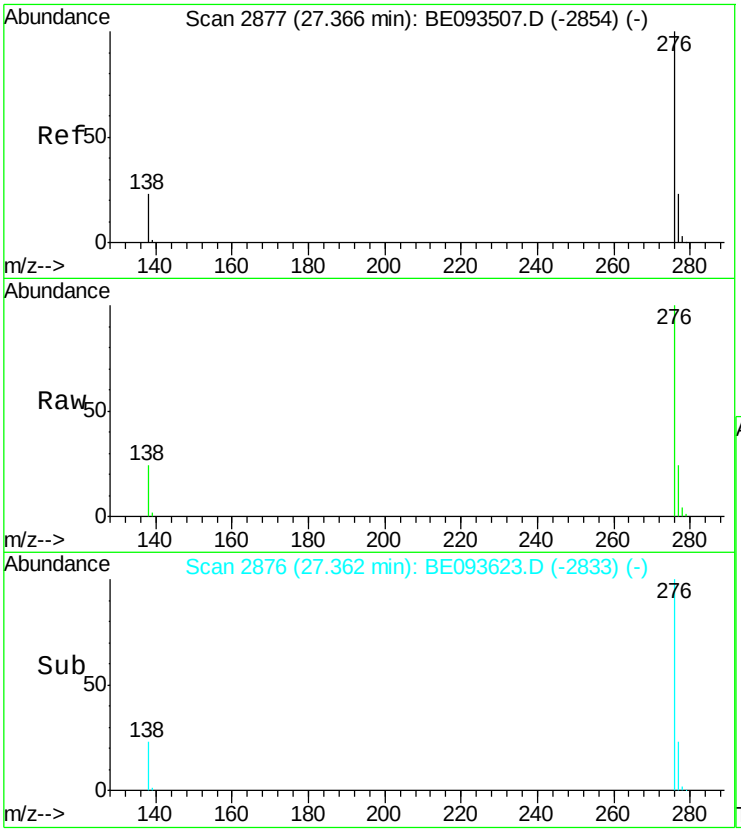


#38
Dibenzo(a,h)anthracene
Concen: 1.079 ng
RT: 26.57 min Scan# 2702
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Tgt Ion:278 Resp: 61008

Ion	Ratio	Lower	Upper
278	100		
139	18.2	21.4	32.0#
279	24.0	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.487 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 12:34

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:276 Resp: 27925

Ion	Ratio	Lower	Upper
276	100		
277	24.1	21.2	31.8
138	24.1	24.5	36.7#