Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE080217\
Data File : BE093623.D
Acq On : 2 Aug 2017 11:13
Operator : SJ/JU
Sample : I4351-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 0550DL

Quant Time: Aug 02 11:47:22 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	3015	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	14831	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	8374	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	21815	0.40	ng		0.00
27) Chrysene-d12	21.40	240	21196	0.40	ng		-0.01
34) Perylene-d12	23.91	264	18461	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	1502	0.17	ng		0.00
5) Phenol-d6	7.09	99	2332	0.17	ng		0.00
8) Nitrobenzene-d5	9.06	82	2062	0.18	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	3525	0.15	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	608	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	5347	0.16	ng		-0.02
25) Fluoranthene-d10	19.27	212	62709	0.25	ng		0.00
29) Terphenyl-d14	19.86	244	12070	0.32	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.67	42	1008	0.220	ng	#	1
9) Naphthalene	10.76	128	1118853	6.517	ng		99
12) 2-Methylnaphthalene	12.36	142	599	0.021	ng	#	88
16) Acenaphthylene	14.24	152	220182	5.502	ng	#	87
17) Acenaphthene	14.58	154	129346	4.581	ng		99
18) Fluorene	15.56	166	105609	2.799	ng	#	87
21) Hexachlorobenzene	16.55	284	43	Below Cal		#	100
22) Pentachlorophenol	16.91	266	172	0.191	ng	#	82
23) Phenanthrene	17.27	178	243714	5.081	ng	#	79
24) Anthracene	17.37	178	319319	4.868	ng	#	87
26) Fluoranthene	19.30	202	620244	8.118	ng		99
28) Pyrene	19.66	202	160141	2.338	ng	#	93
30) Benzo(a)anthracene	21.39	228	134605	2.160	ng		96
31) Chrysene	21.45	228	123309	1.775	ng		96
32) Bis(2-ethylhexyl)phthalate	21.30	149	63174	0.744	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	361090	5.738	ng	#	93
35) Benzo(b)fluoranthene	23.14	252	435576	6.613	ng	#	94
36) Benzo(k)fluoranthene	23.19	252	170794	2.537	ng		93
37) Benzo(a)pyrene	23.80	252	203299	3.406	ng	#	92
38) Dibenzo(a,h)anthracene	26.57	278	269762	4.683	ng	#	88
39) Benzo(g,h,i)perylene	27.36	276	121520	2.080	ng		92

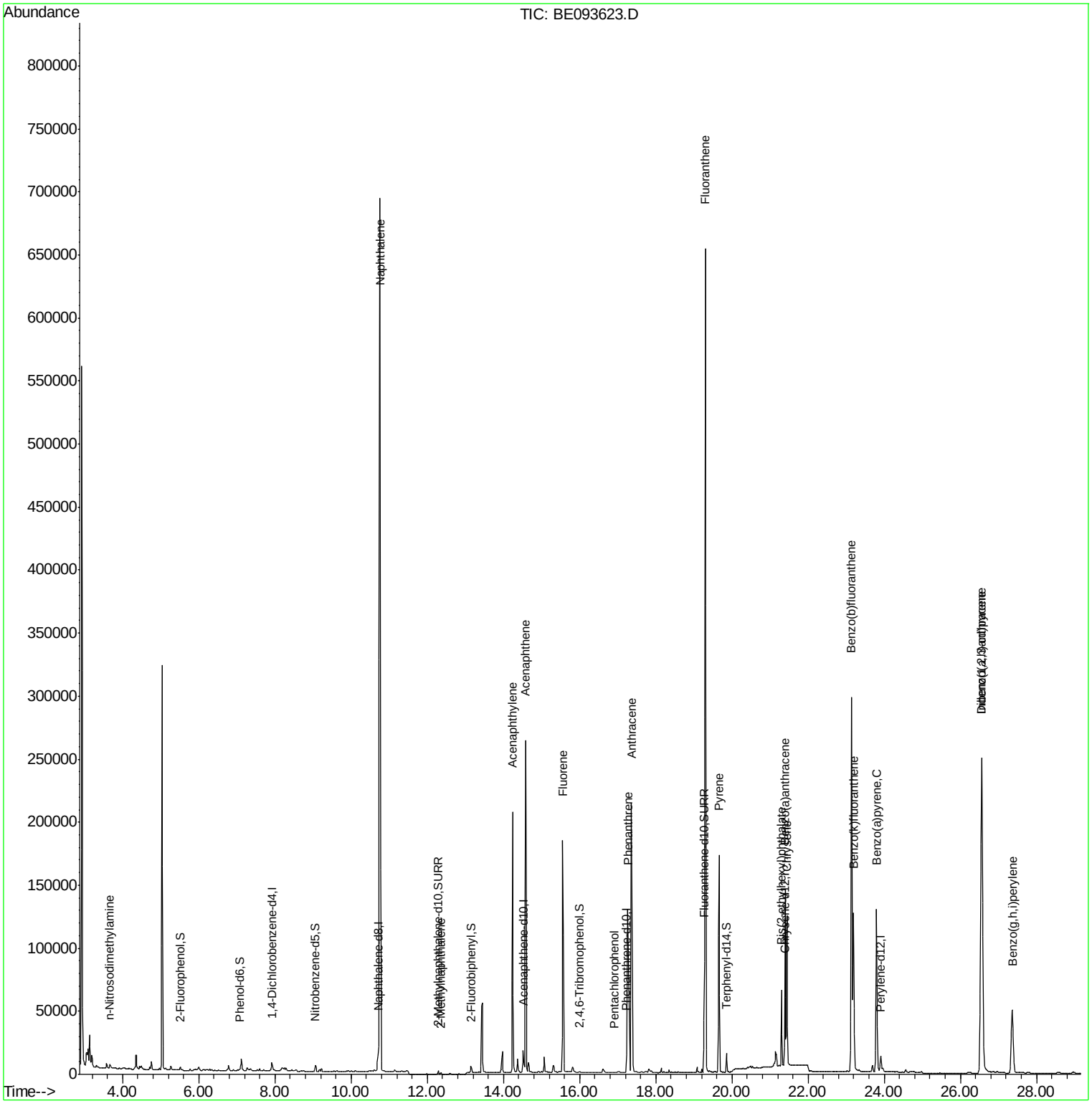
(#) = qualifier out of range (m) = manual integration (+) = signals summed

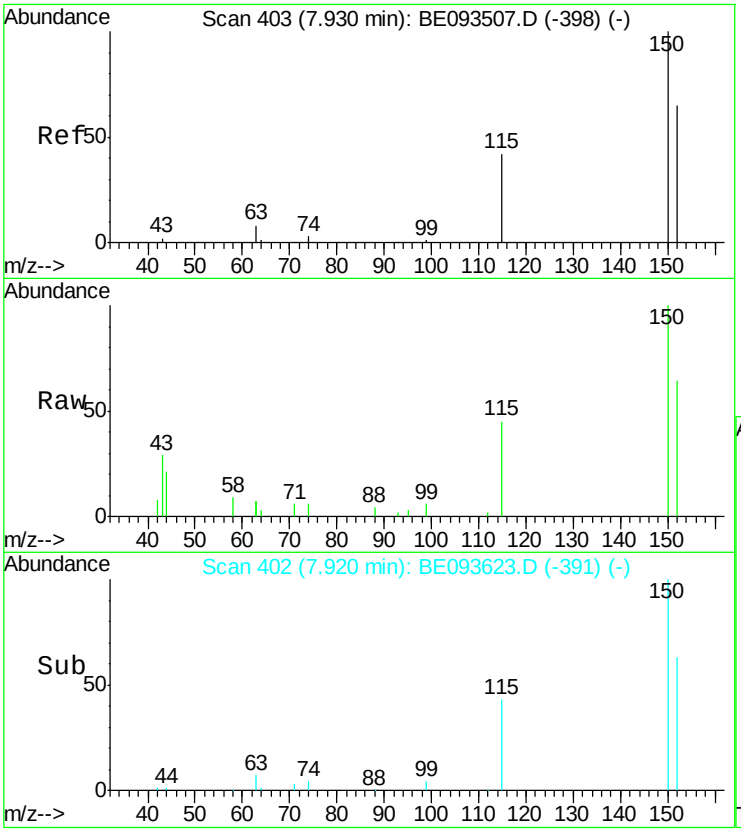
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE080217\
Data File : BE093623.D
Acq On : 2 Aug 2017 11:13
Operator : SJ/JU
Sample : I4351-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
0550DL

Quant Time: Aug 02 11:47:22 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



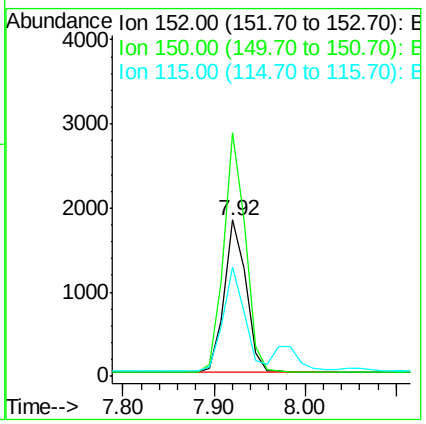


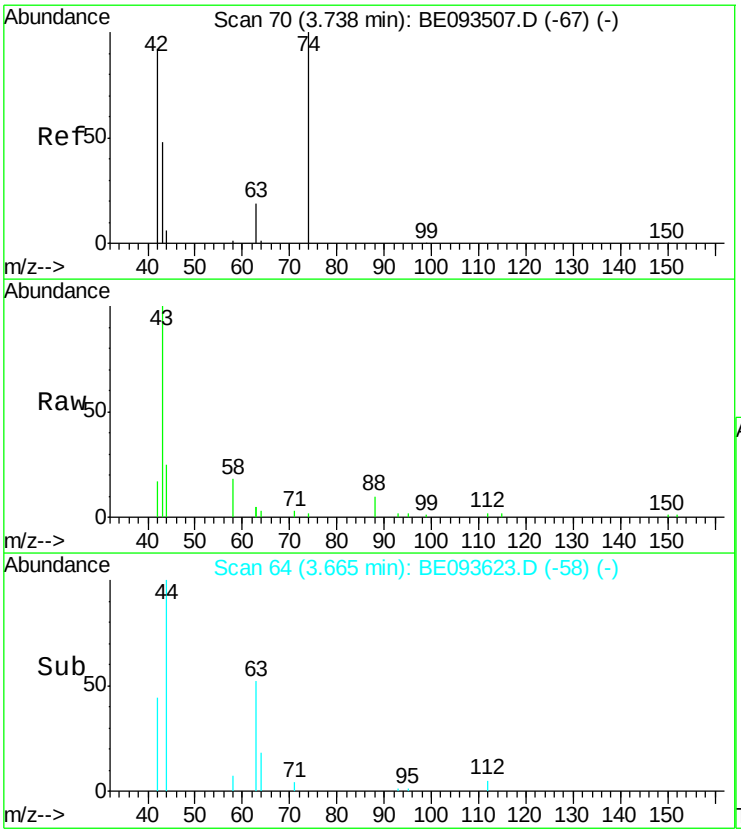
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:152 Resp: 3015

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.1	187.7
115	70.4	55.7	83.5

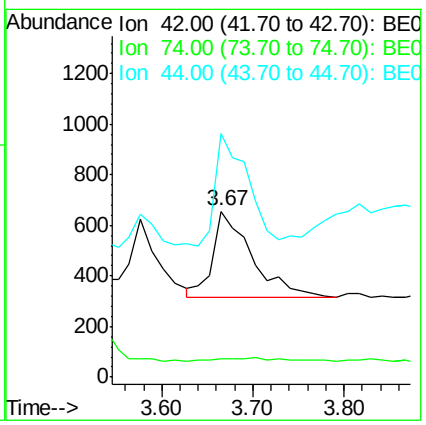


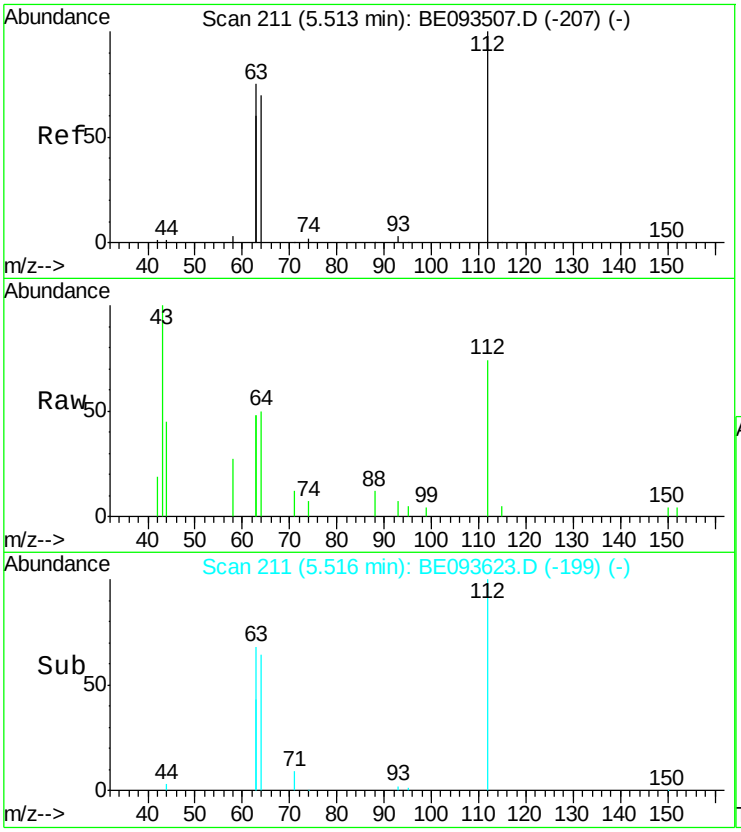


#3
n-Nitrosodimethylamine
Concen: 0.220 ng
RT: 3.67 min Scan# 64
Delta R.T. -0.07 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion: 42 Resp: 1008

Ion	Ratio	Lower	Upper
42	100		
74	0.0	99.1	148.7#
44	104.6	7.4	11.2#



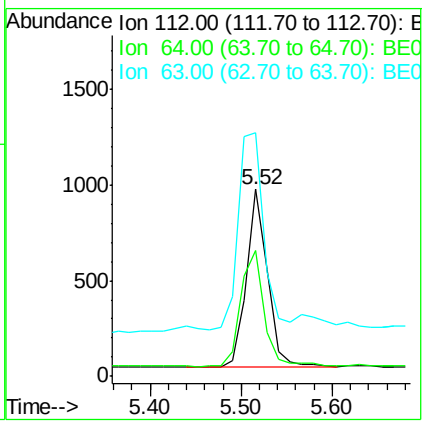


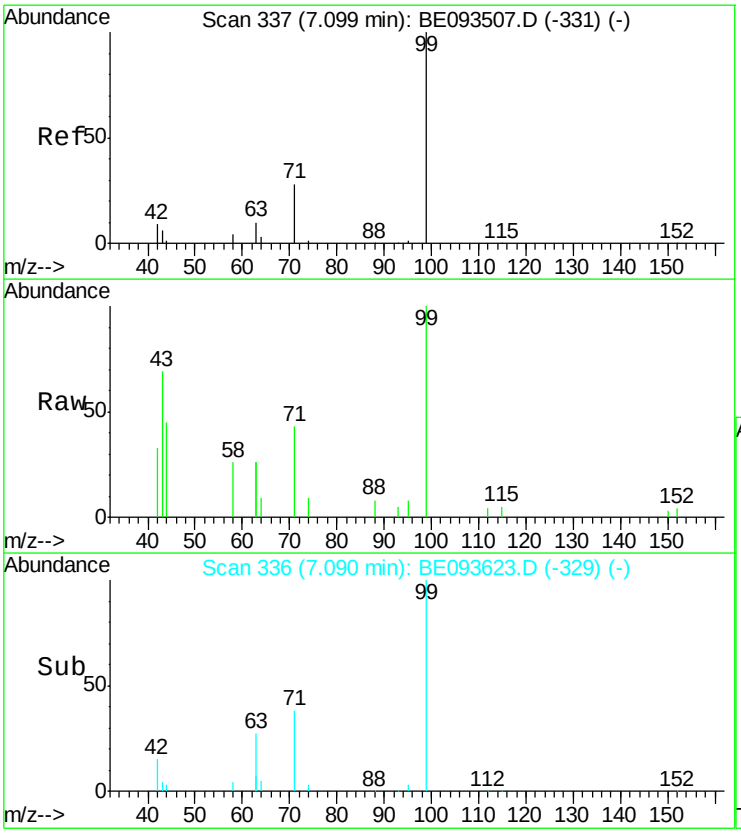
#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:112 Resp: 1502

Ion	Ratio	Lower	Upper
112	100		
64	72.0	56.4	84.6
63	131.5	29.3	43.9#

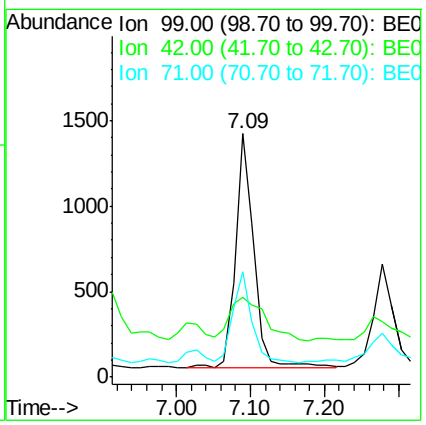


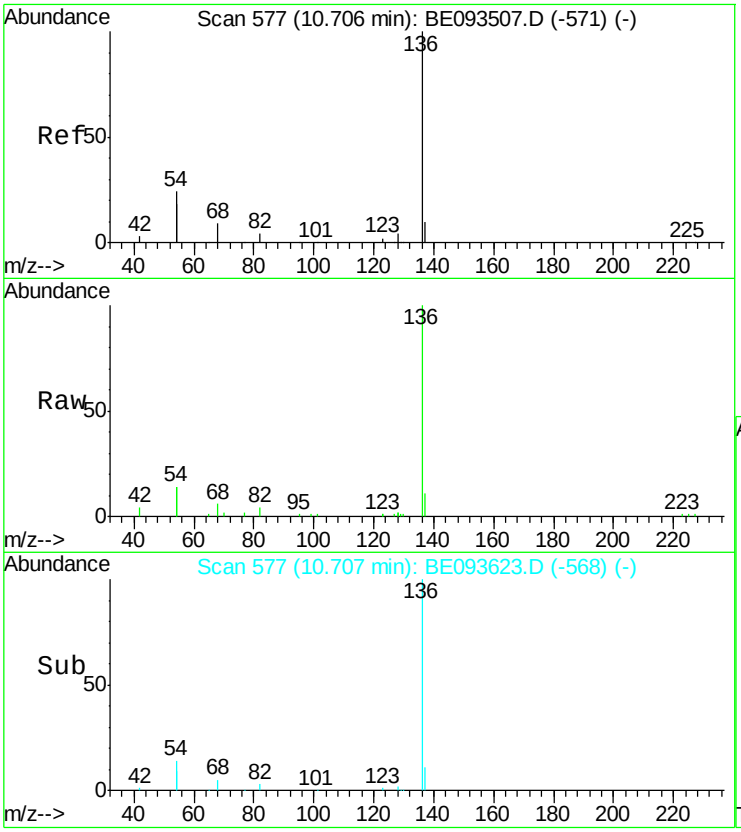


#5
Phenol-d6
Concen: 0.172 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion: 99 Resp: 2332

Ion	Ratio	Lower	Upper
99	100		
42	36.1	0.0	0.0#
71	39.8	0.0	0.0#



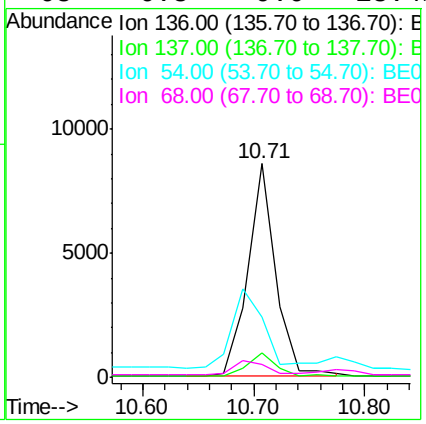


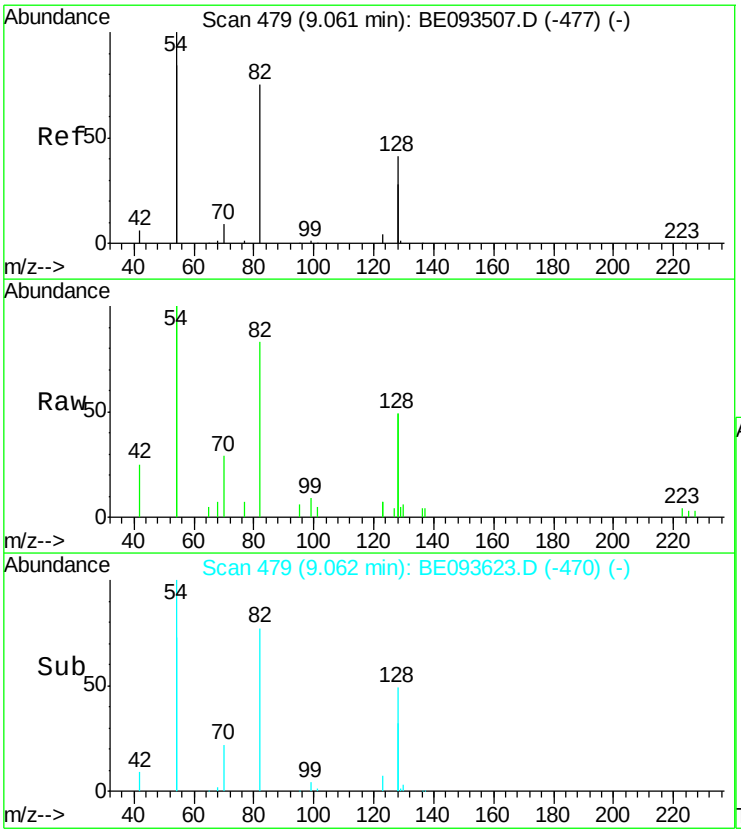
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:136 Resp: 14831

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.8
54	28.2	10.3	15.5#
68	6.3	9.0	13.4#

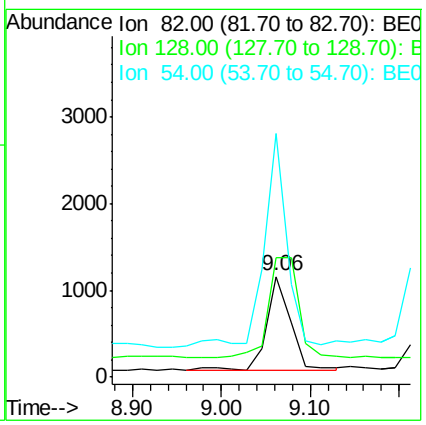


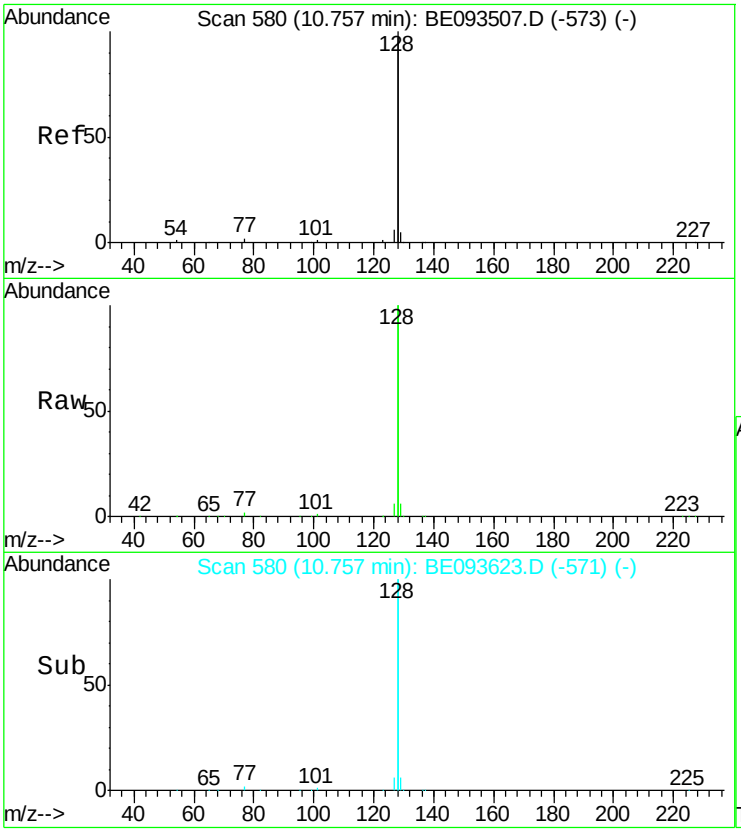


#8
Nitrobenzene-d5
Concen: 0.182 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion: 82 Resp: 2062

Ion	Ratio	Lower	Upper
82	100		
128	118.3	17.0	25.4#
54	241.4	53.8	80.6#



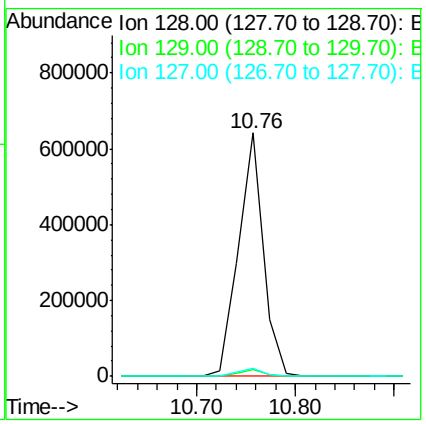


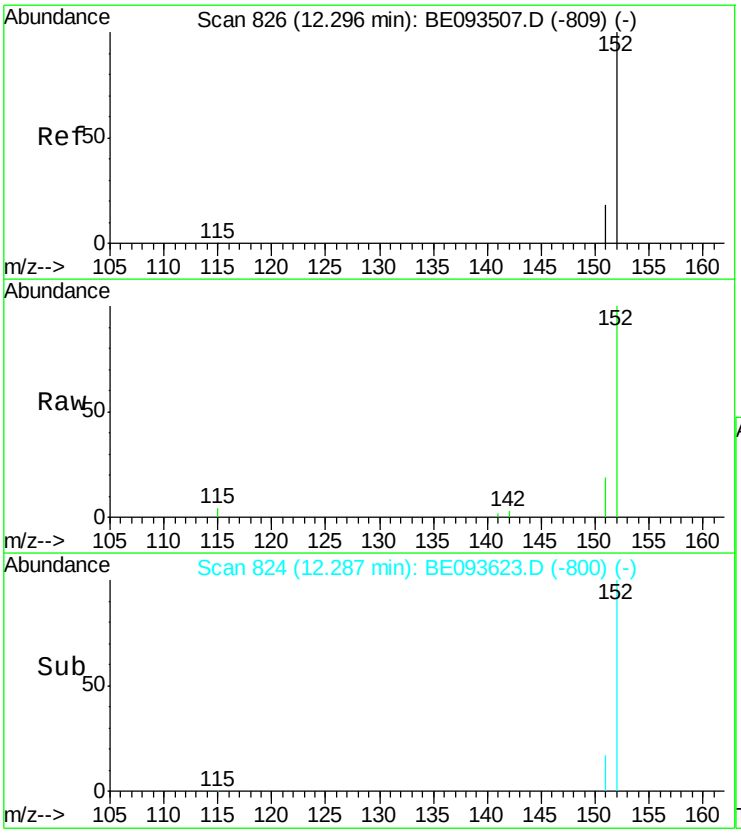
#9
Naphthalene
Concen: 6.517 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:128 Resp: 1118853

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

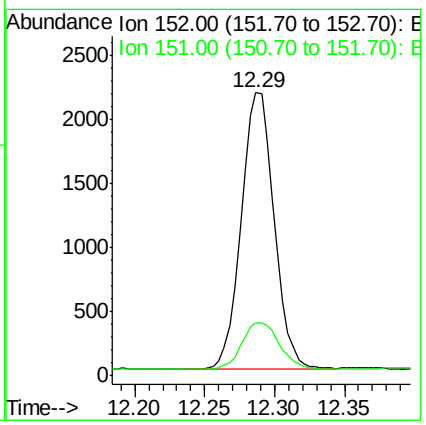


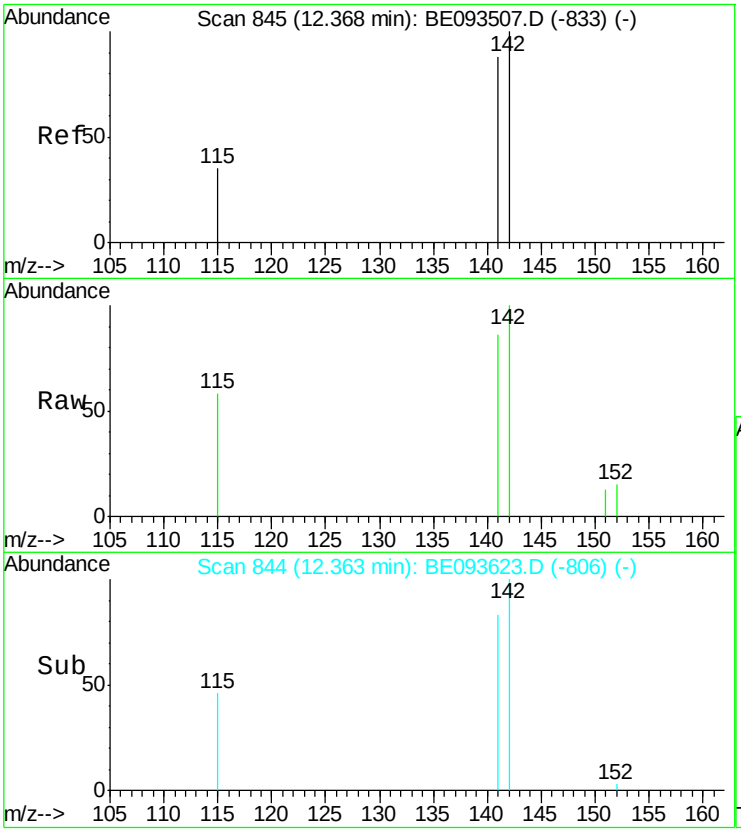


#11
2-Methylnaphthalene-d10
Concen: 0.150 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:152 Resp: 3525

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.1	22.7



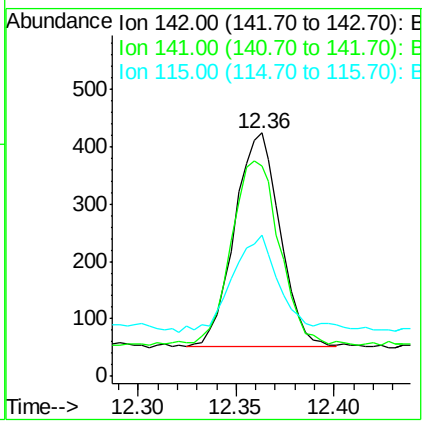


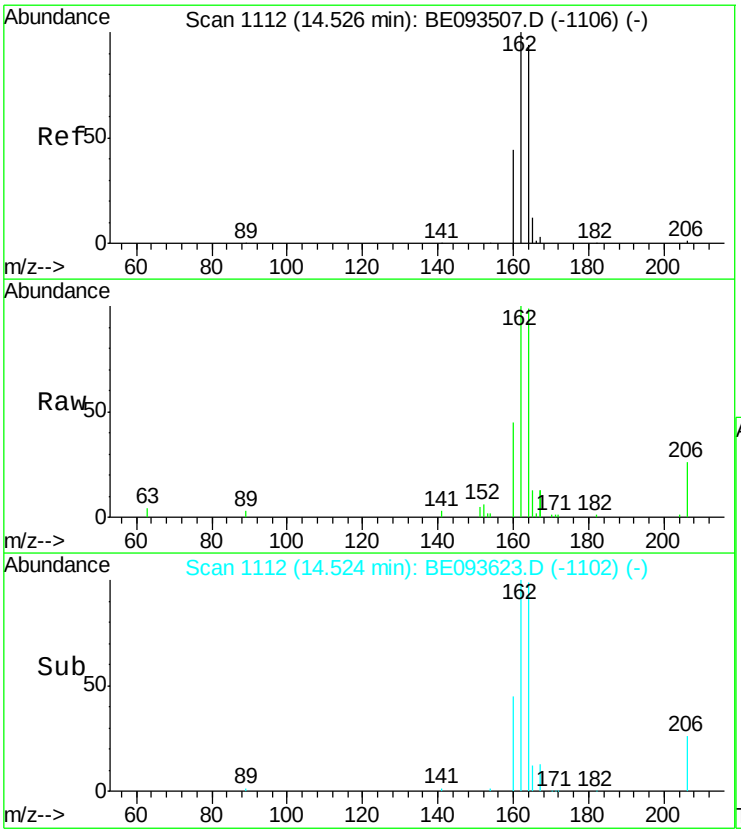
#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.36 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:142 Resp: 599

Ion	Ratio	Lower	Upper
142	100		
141	86.3	72.6	108.8
115	57.8	32.2	48.2#

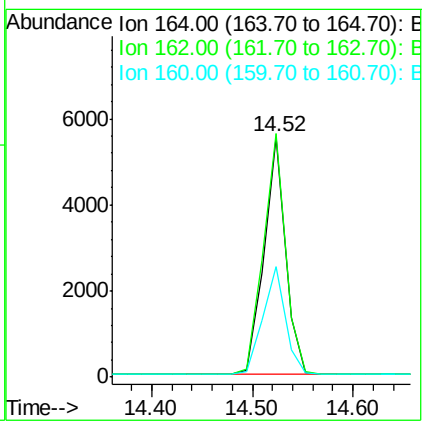


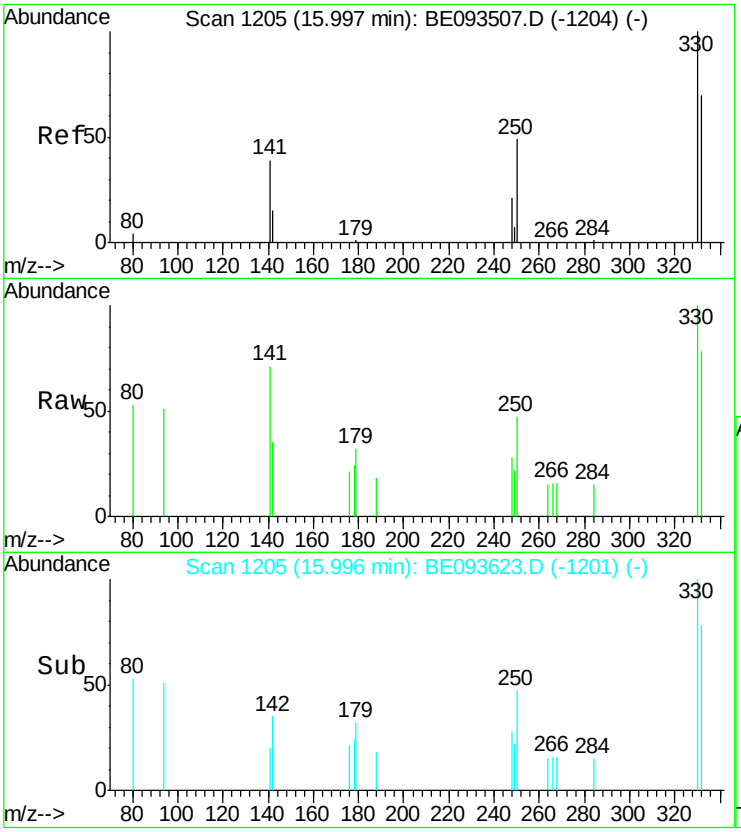


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:164 Resp: 8374

Ion	Ratio	Lower	Upper
164	100		
162	101.4	84.6	127.0
160	45.8	41.8	62.6



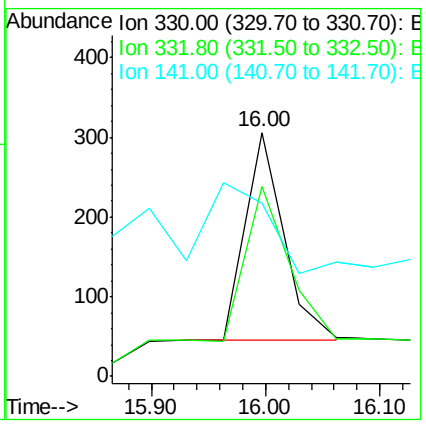


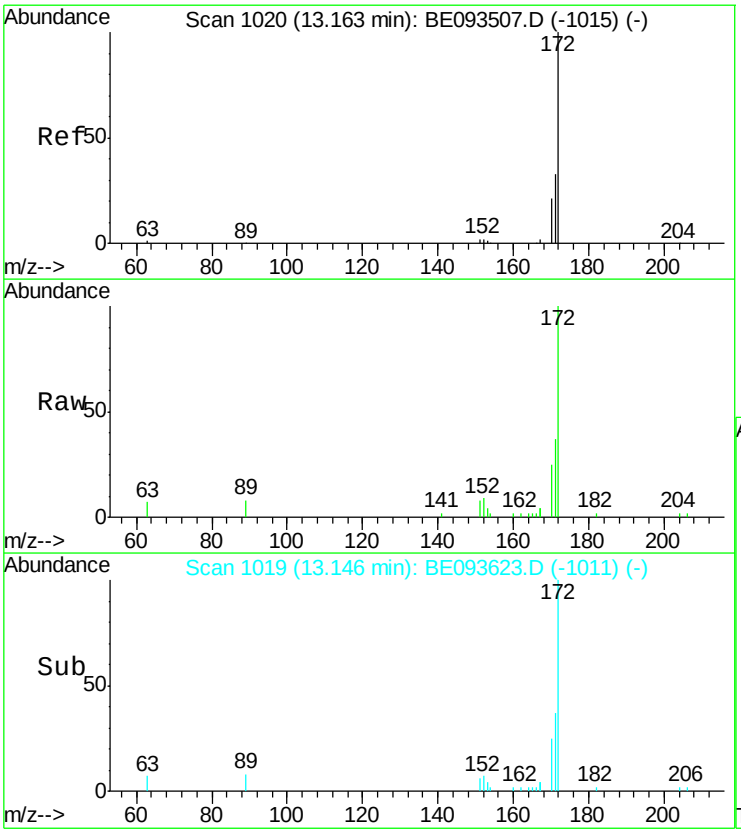
#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:330 Resp: 608

Ion	Ratio	Lower	Upper
330	100		
332	84.5	77.7	116.5
141	0.0	56.2	84.4#

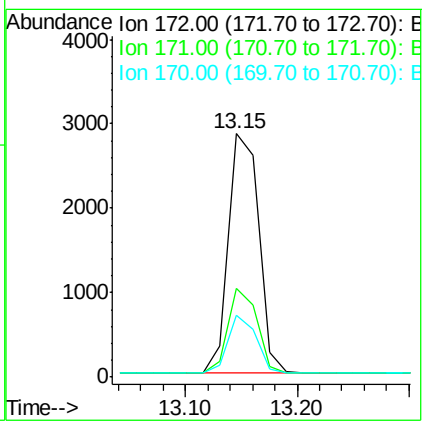


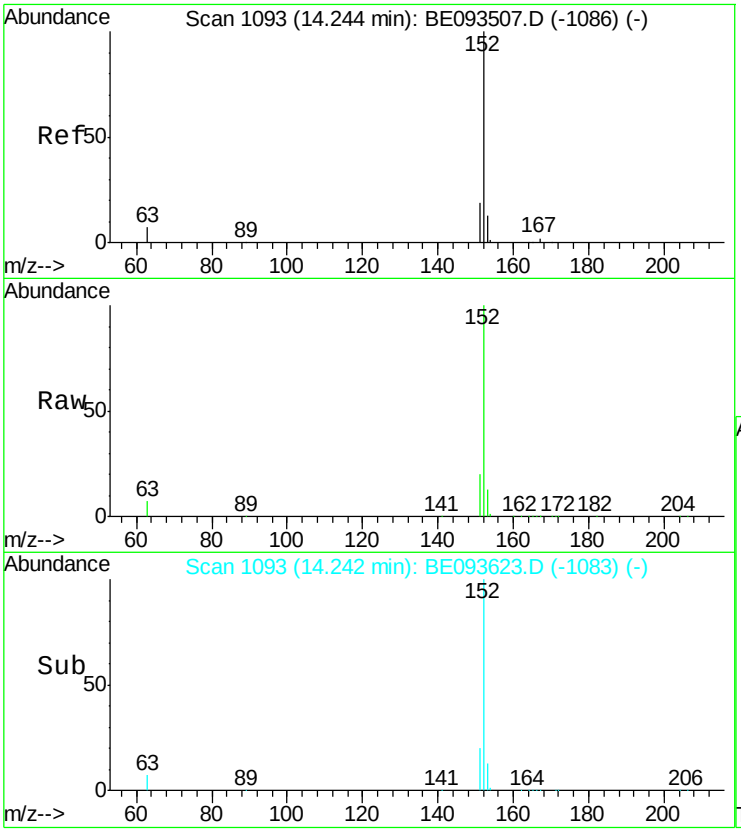


#15
2-Fluorobiphenyl
Concen: 0.160 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:172 Resp: 5347

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	25.5	20.7	31.1



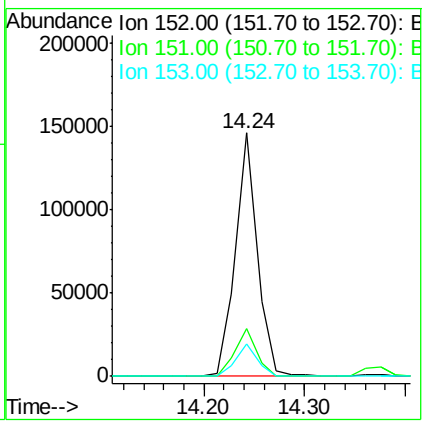


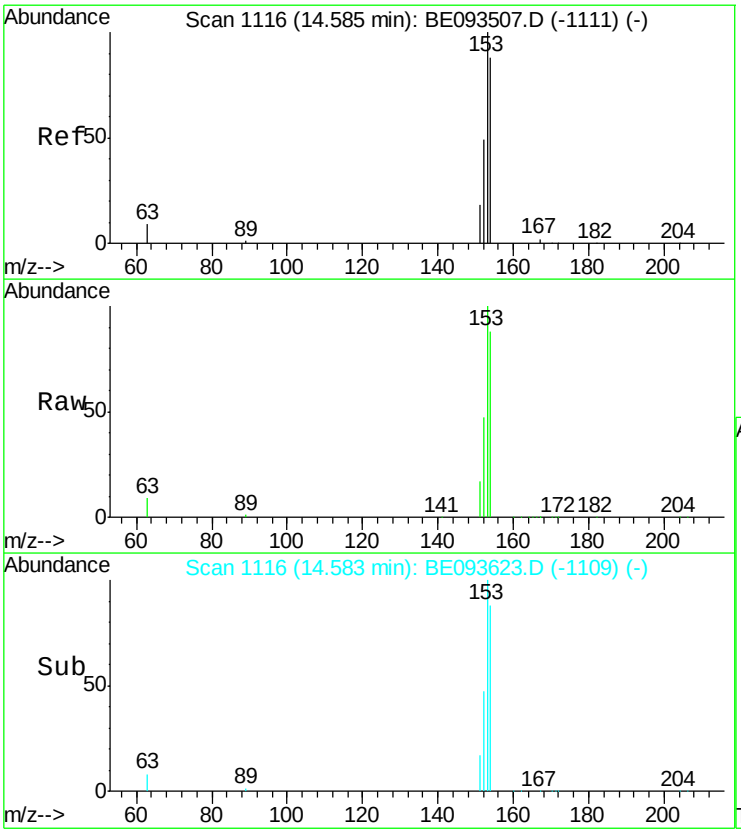
#16
Acenaphthylene
Concen: 5.502 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:152 Resp: 220182

Ion	Ratio	Lower	Upper
152	100		
151	19.8	4.0	6.0#
153	13.2	10.3	15.5

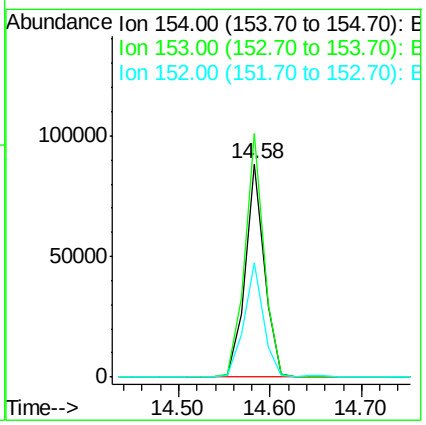


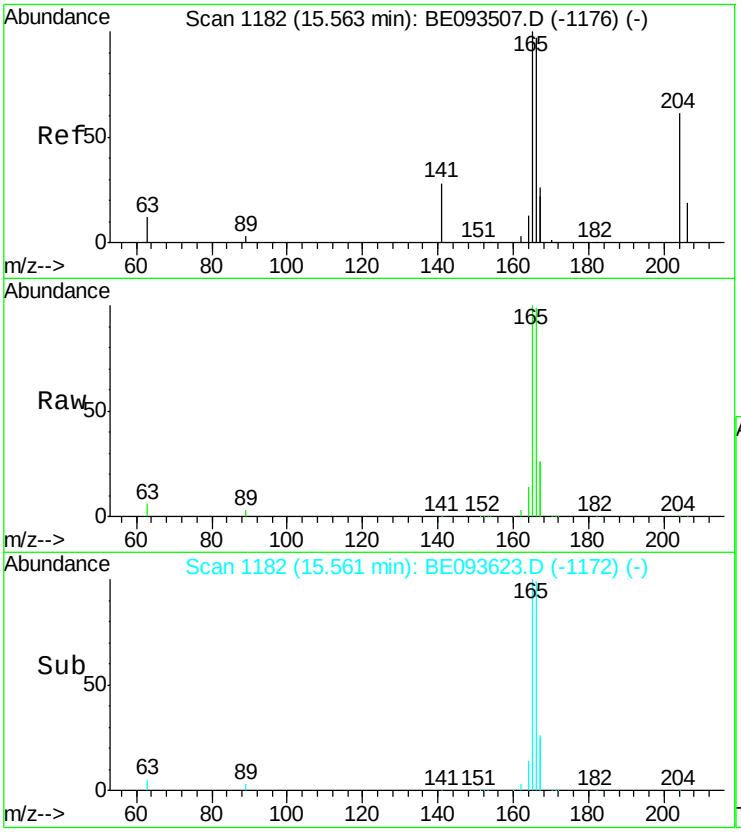


#17
Acenaphthene
Concen: 4.581 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:154 Resp: 129346

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	53.7	44.8	67.2



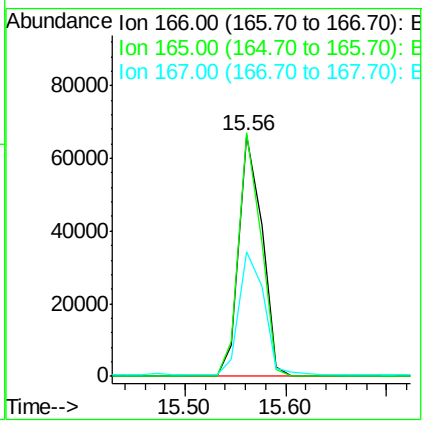


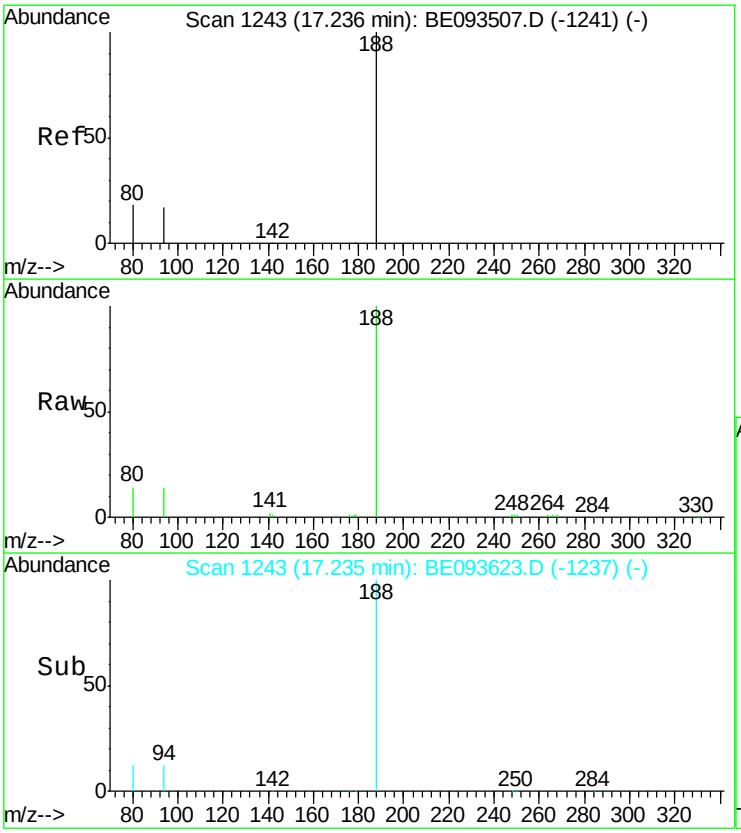
#18
Fluorene
Concen: 2.799 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:166 Resp: 105609

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	117.8
167	55.6	11.1	16.7#

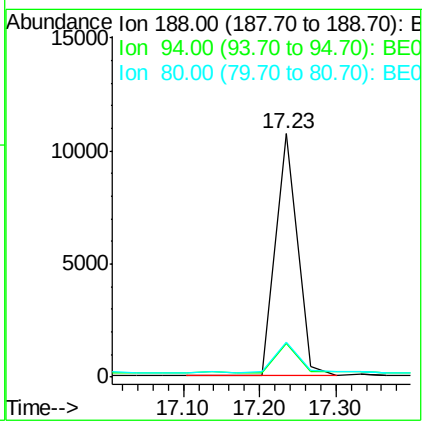


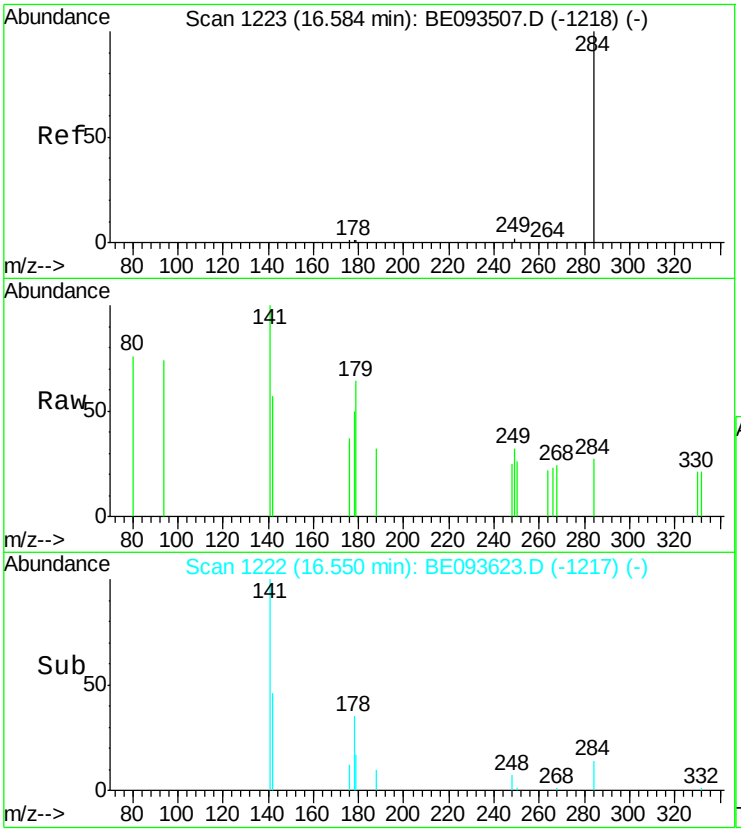


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:188 Resp: 21815

Ion	Ratio	Lower	Upper
188	100		
94	14.0	11.3	16.9
80	14.3	11.7	17.5



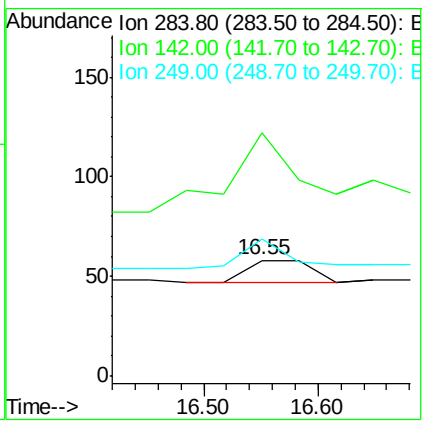


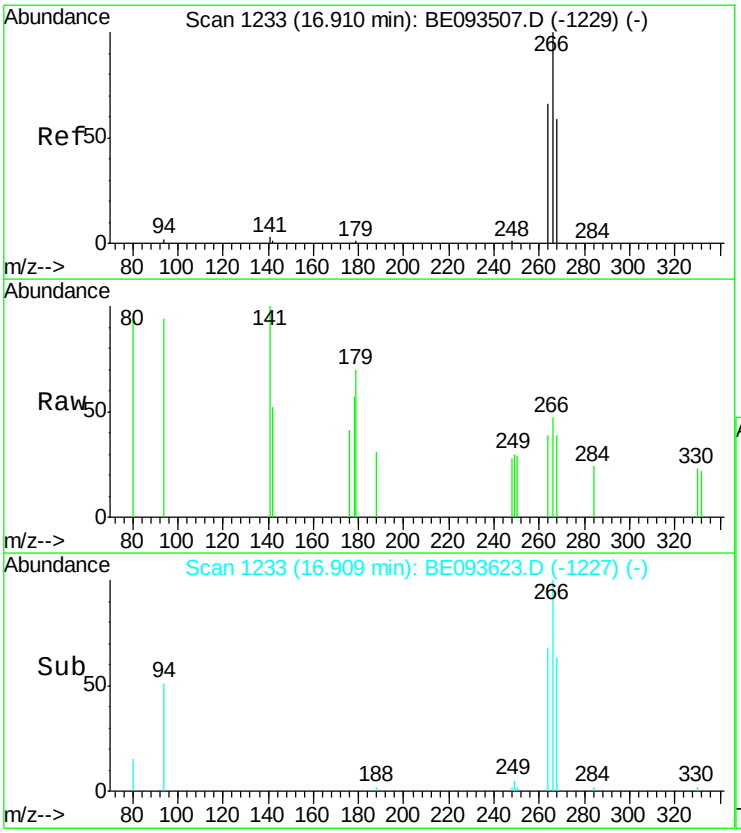
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:284 Resp: 43

Ion	Ratio	Lower	Upper
284	100		
142	386.0	0.0	0.0#
249	95.3	0.0	0.0#

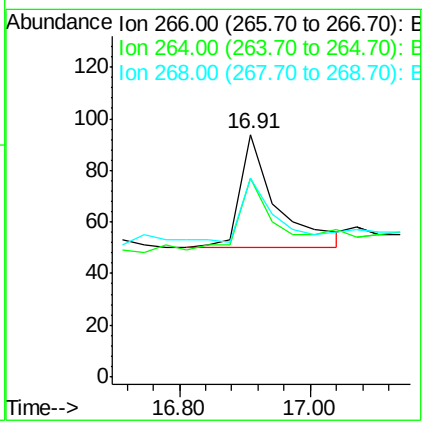


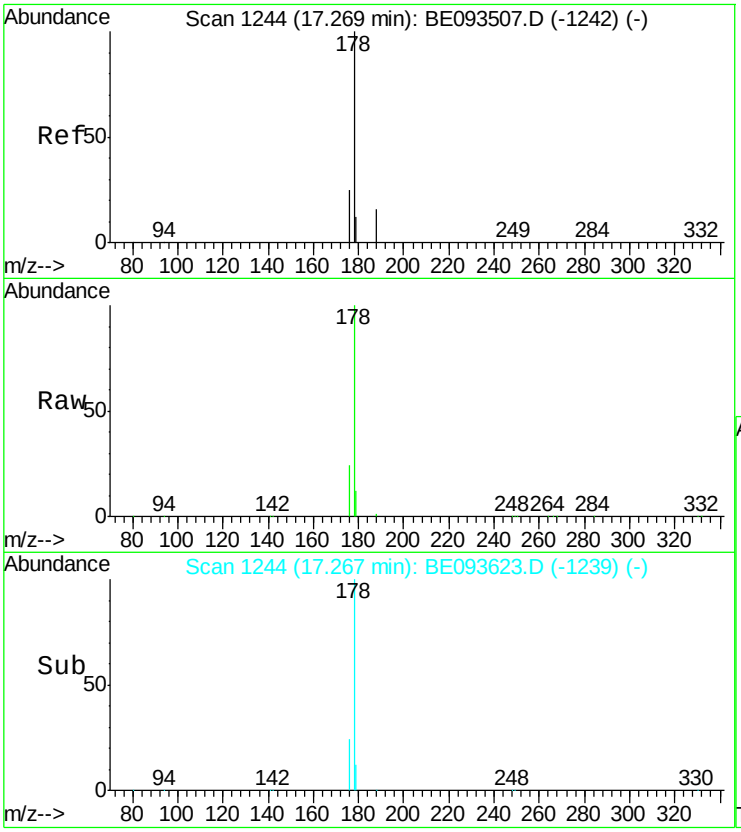


#22
Pentachlorophenol
Concen: 0.191 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:266 Resp: 172

Ion	Ratio	Lower	Upper
266	100		
264	81.9	56.0	84.0
268	81.9	52.0	78.0#



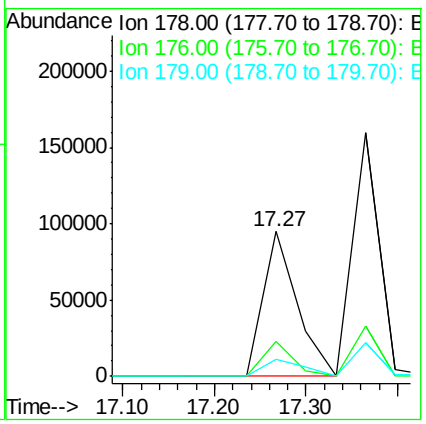


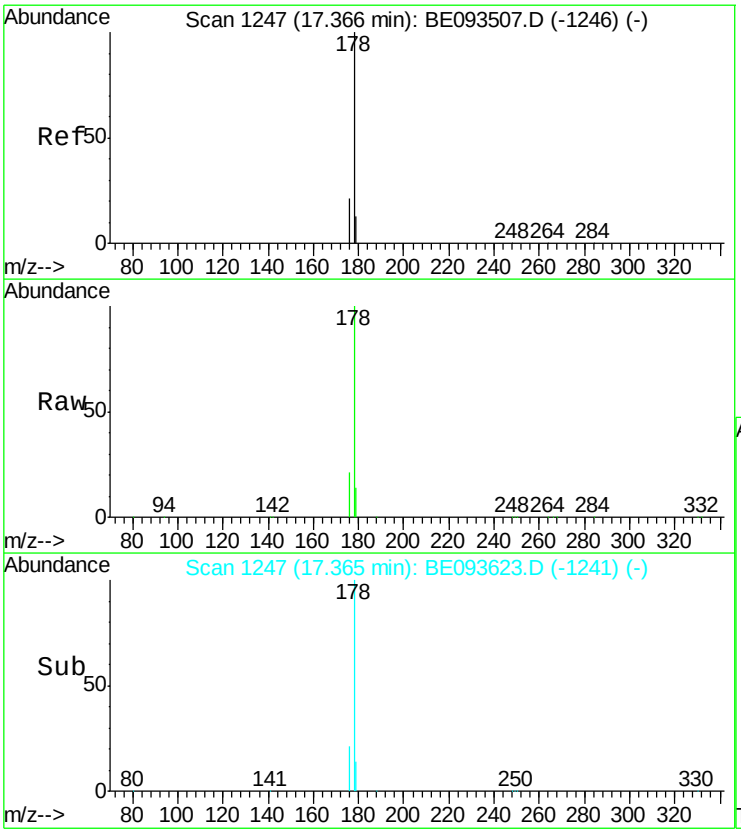
#23
Phenanthrene
Concen: 5.081 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:178 Resp: 243714

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.0	22.4
179	0.0	12.7	19.1#

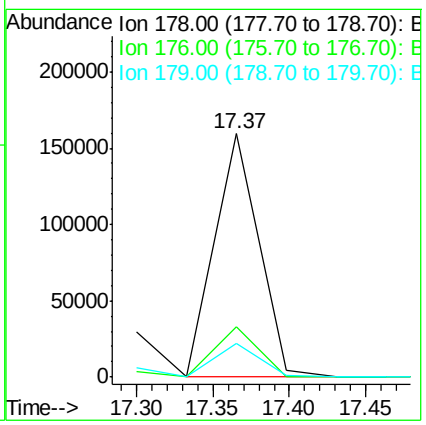


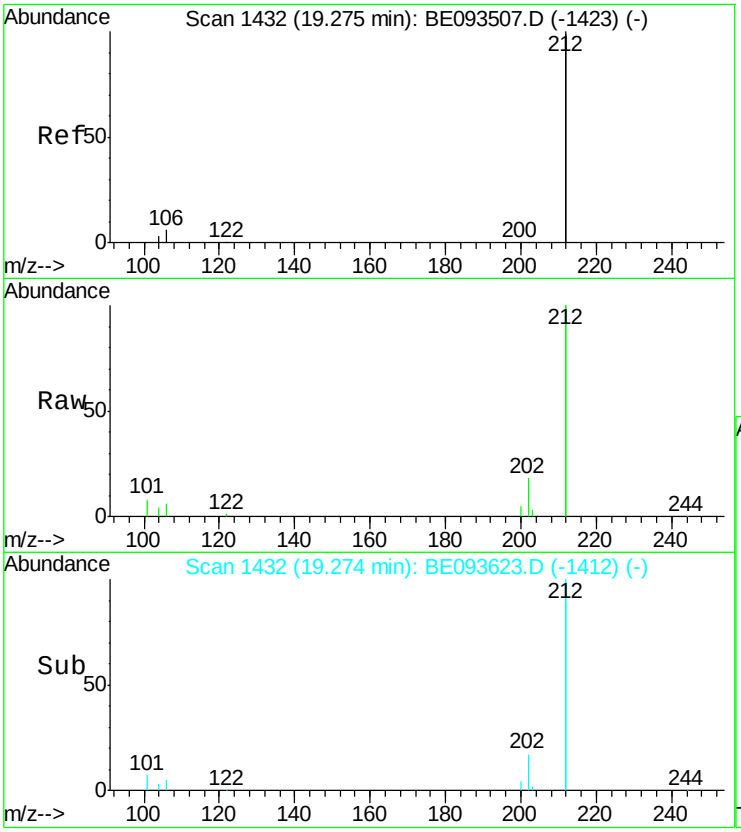


#24
Anthracene
Concen: 4.868 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:178 Resp: 319319

Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.6	22.0
179	24.9	12.0	18.0#



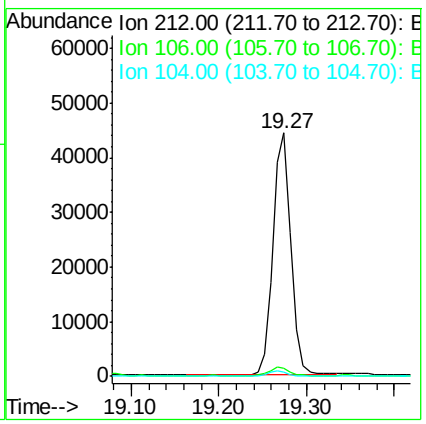


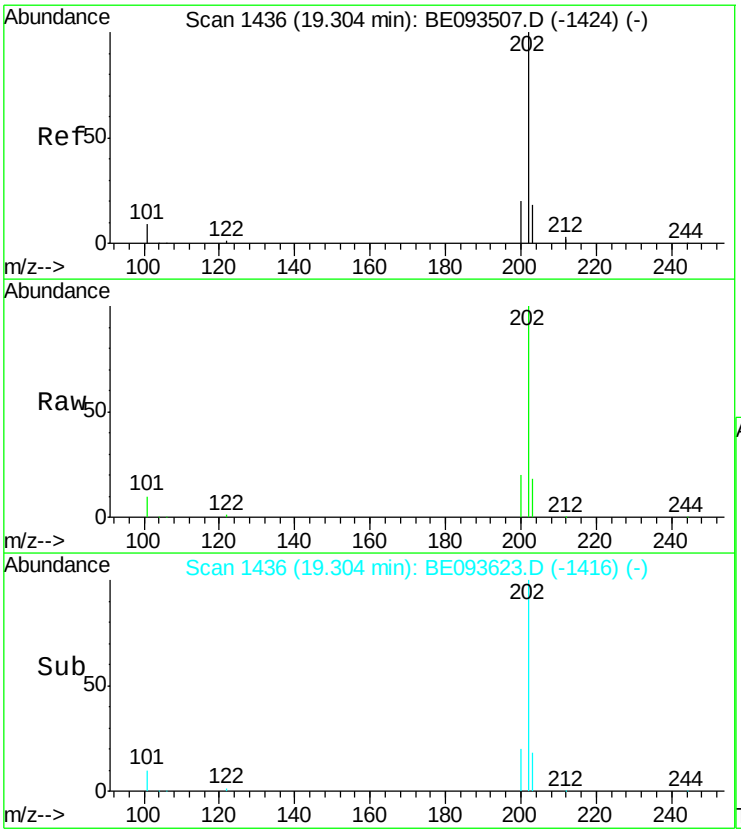
#25
Fluoranthene-d10
Concen: 0.253 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:212 Resp: 62709

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	2.0	1.6	2.4

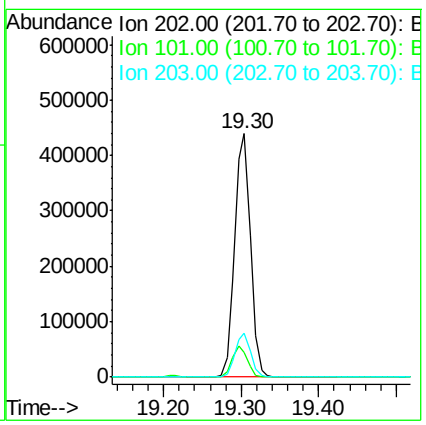


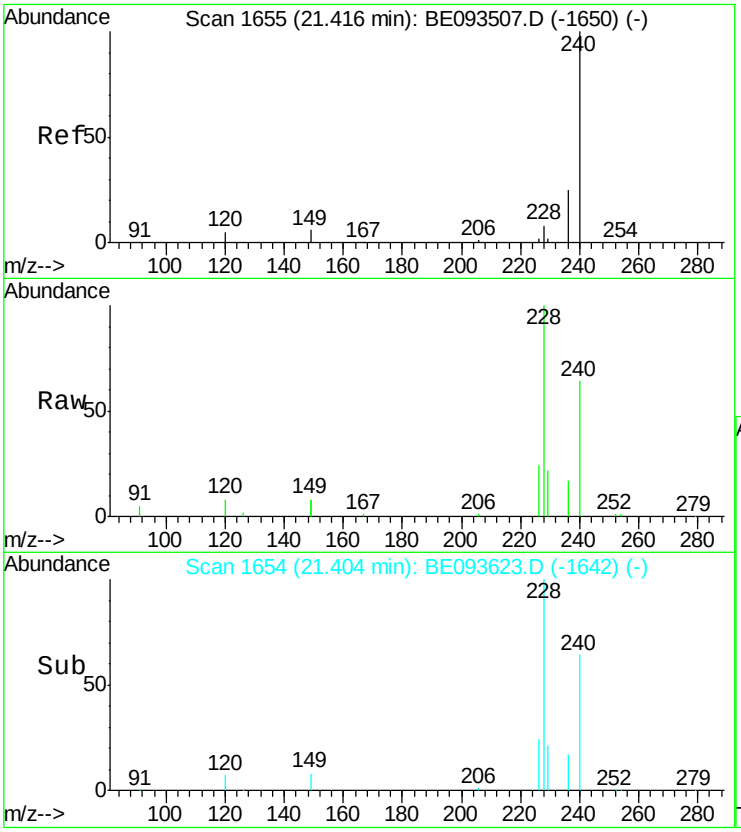


#26
Fluoranthene
Concen: 8.118 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:202 Resp: 620244

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	17.5	14.4	21.6



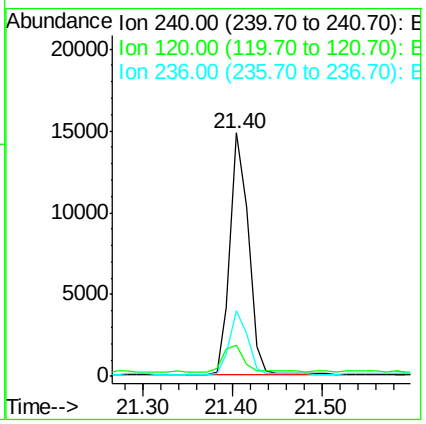


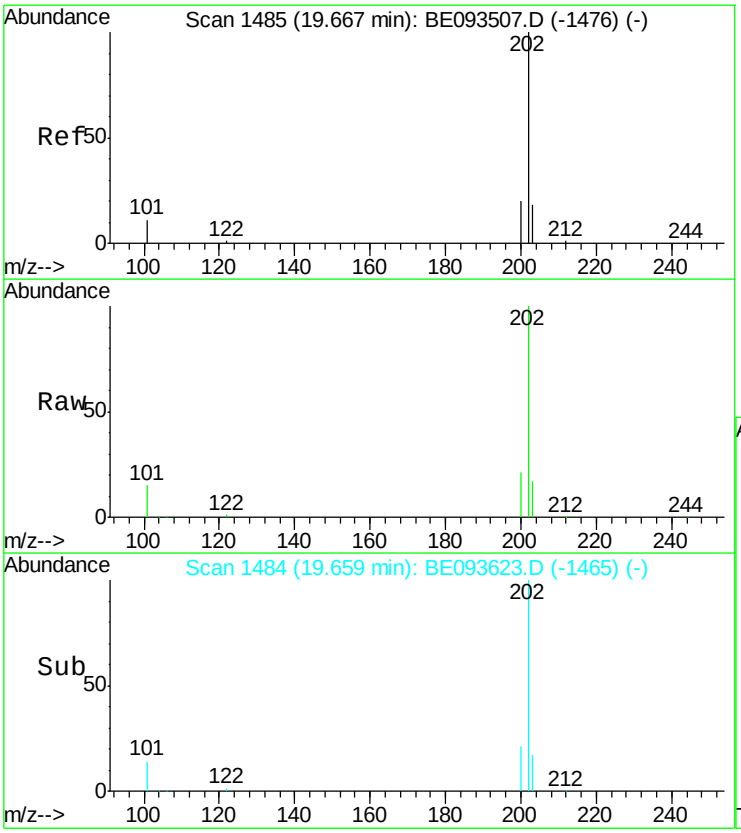
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:240 Resp: 21196

Ion	Ratio	Lower	Upper
240	100		
120	12.7	4.6	7.0#
236	26.9	20.8	31.2

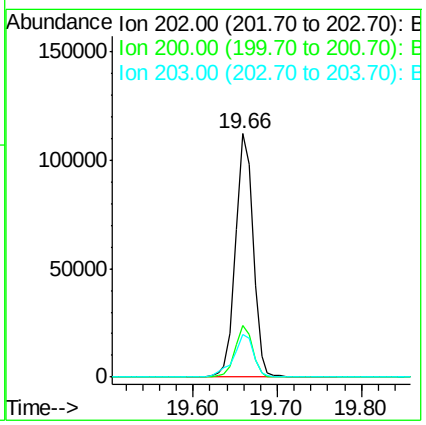


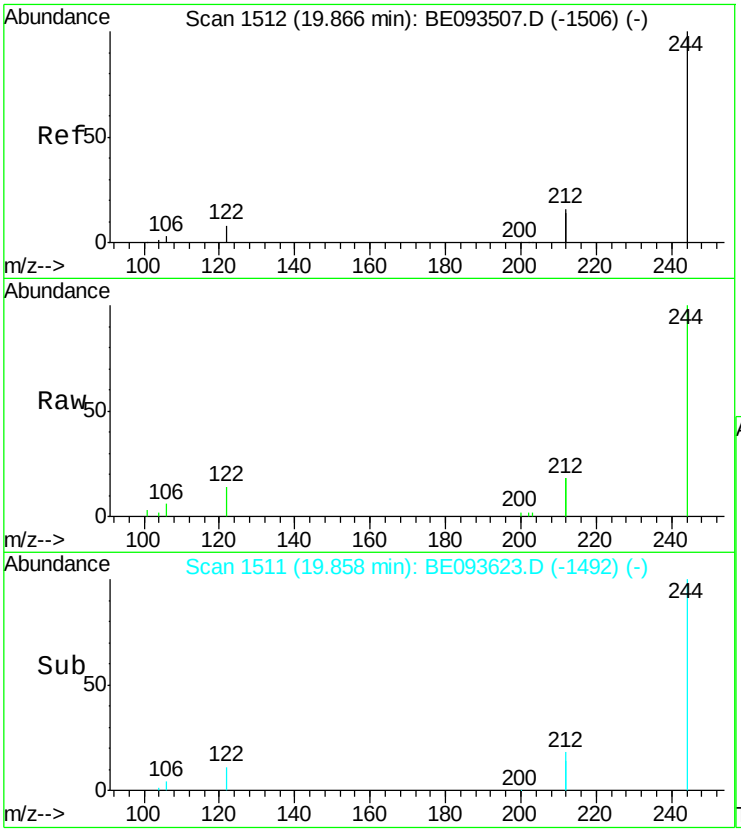


#28
Pyrene
Concen: 2.338 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:202 Resp: 160141

Ion	Ratio	Lower	Upper
202	100		
200	21.0	0.0	0.0#
203	20.1	13.7	20.5



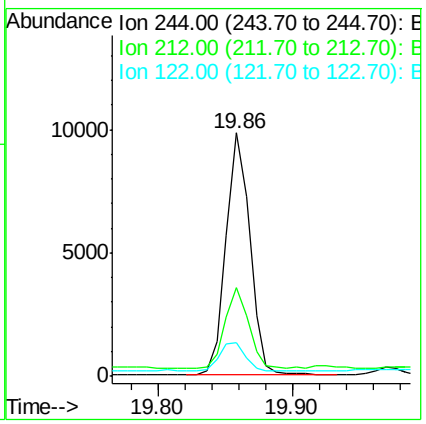


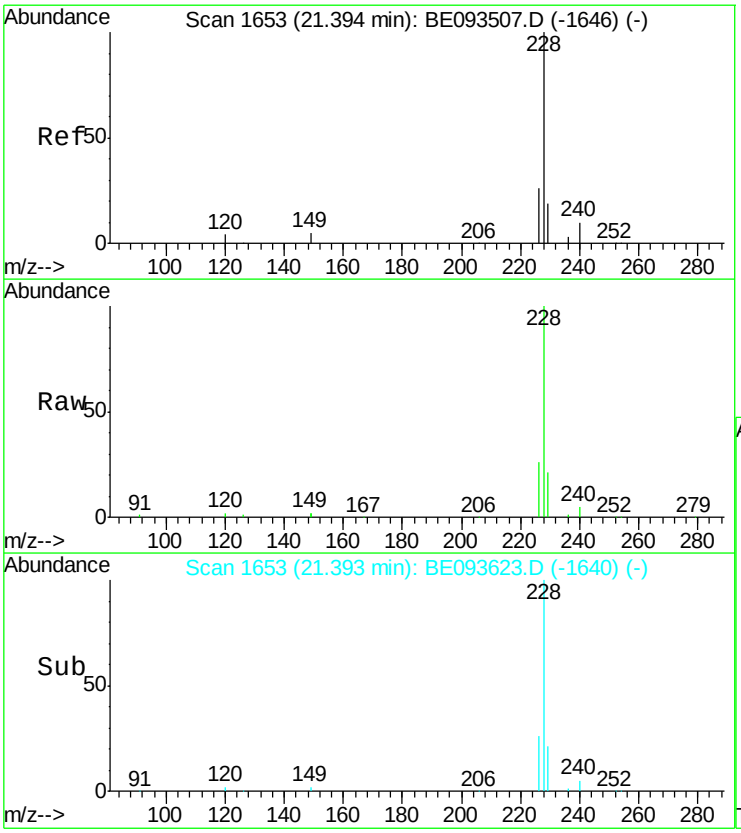
#29
Terphenyl-d14
Concen: 0.317 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:244 Resp: 12070

Ion	Ratio	Lower	Upper
244	100		
212	36.2	10.6	16.0#
122	13.7	15.4	23.0#

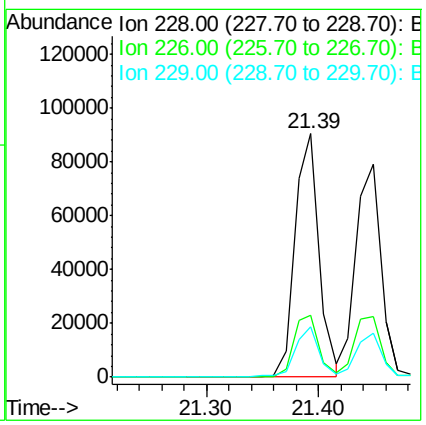


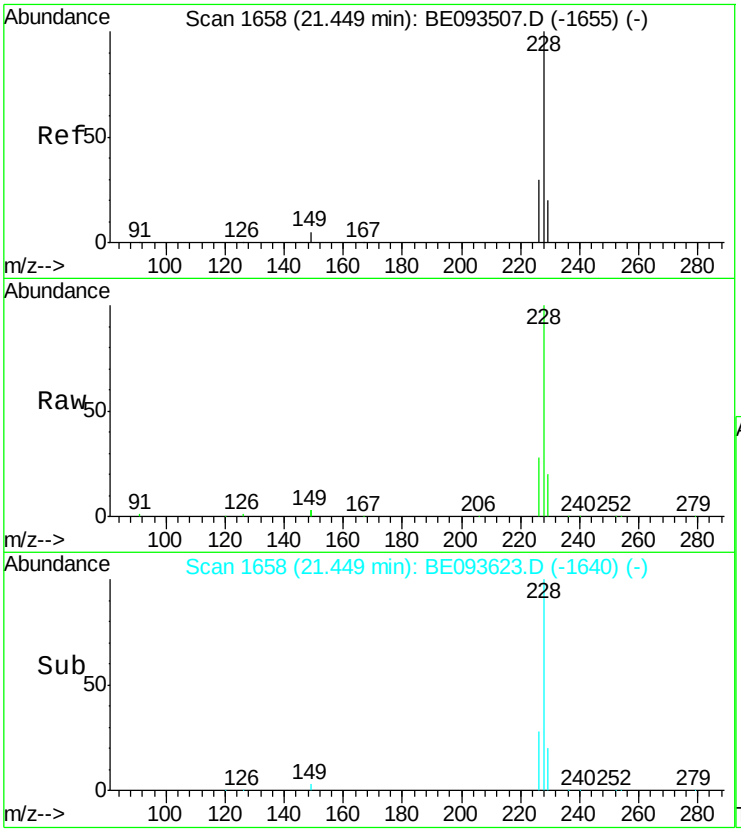


#30
Benzo(a)anthracene
Concen: 2.160 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:228 Resp: 134605

Ion	Ratio	Lower	Upper
228	100		
226	25.7	19.7	29.5
229	20.7	19.2	28.8



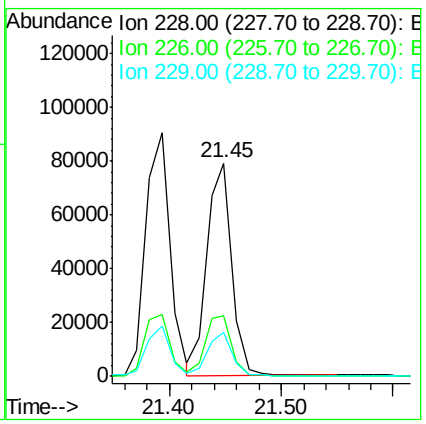


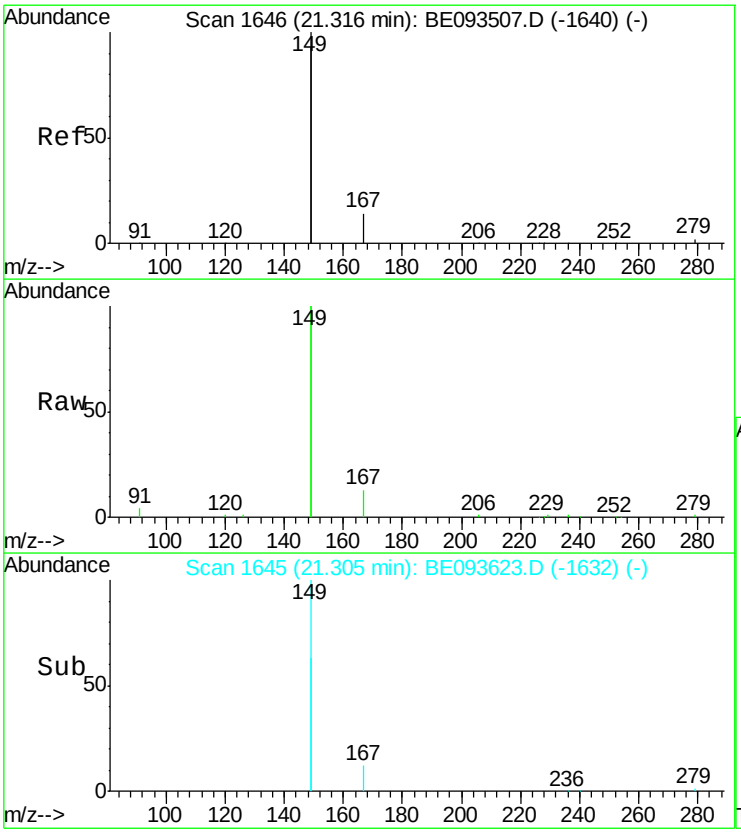
#31
Chrysene
Concen: 1.775 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:228 Resp: 123309

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.5	32.3
229	20.4	18.6	28.0

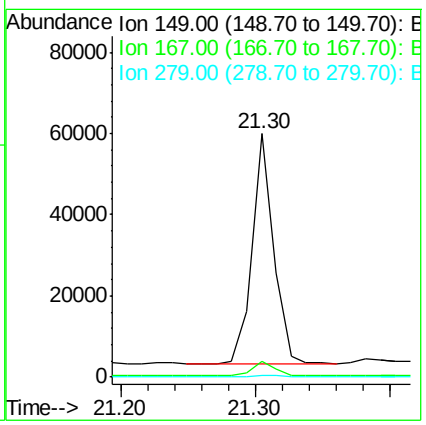


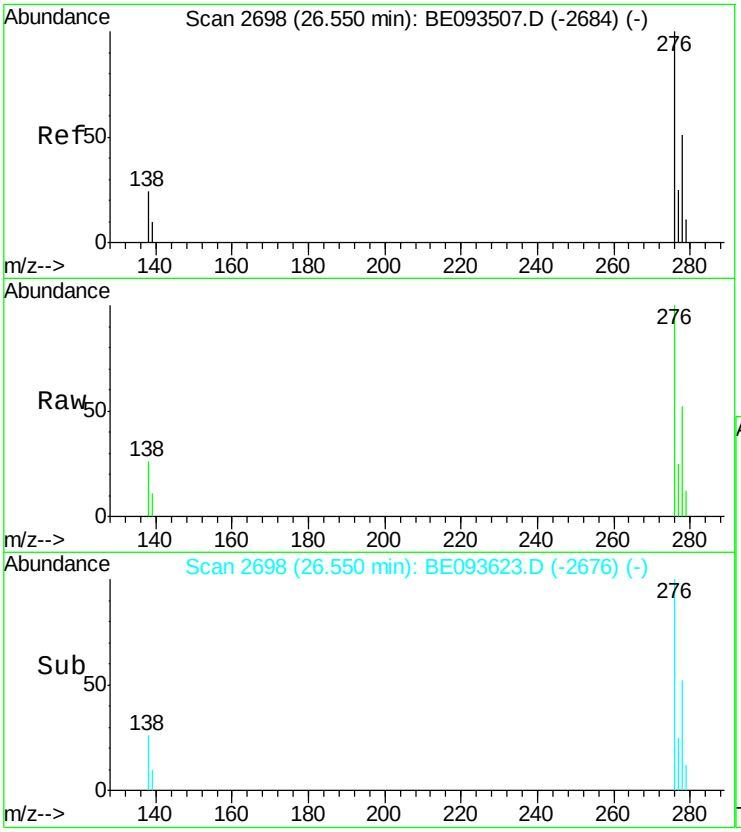


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.744 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:149 Resp: 63174

Ion	Ratio	Lower	Upper
149	100		
167	6.8	4.8	7.2
279	0.9	0.8	1.2



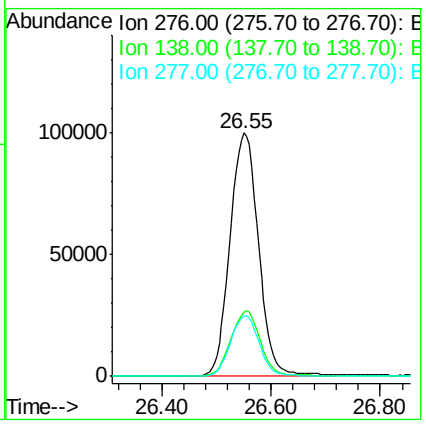


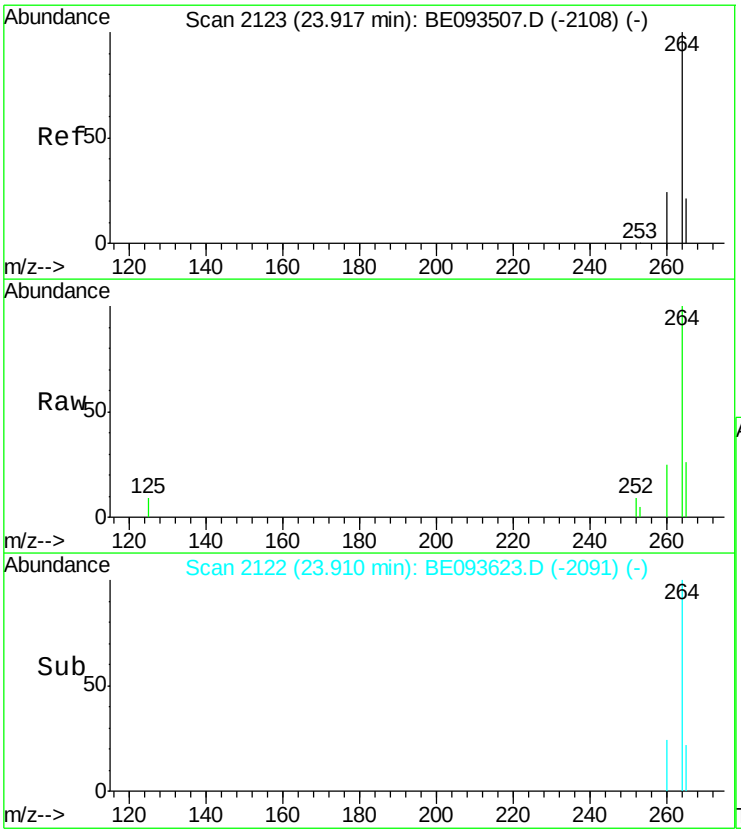
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.738 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:276 Resp: 361090

Ion	Ratio	Lower	Upper
276	100		
138	27.3	27.4	41.2#
277	24.9	20.1	30.1

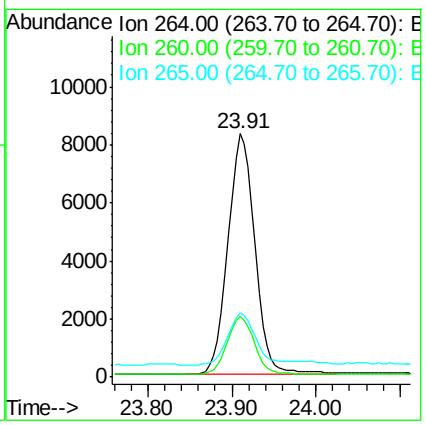


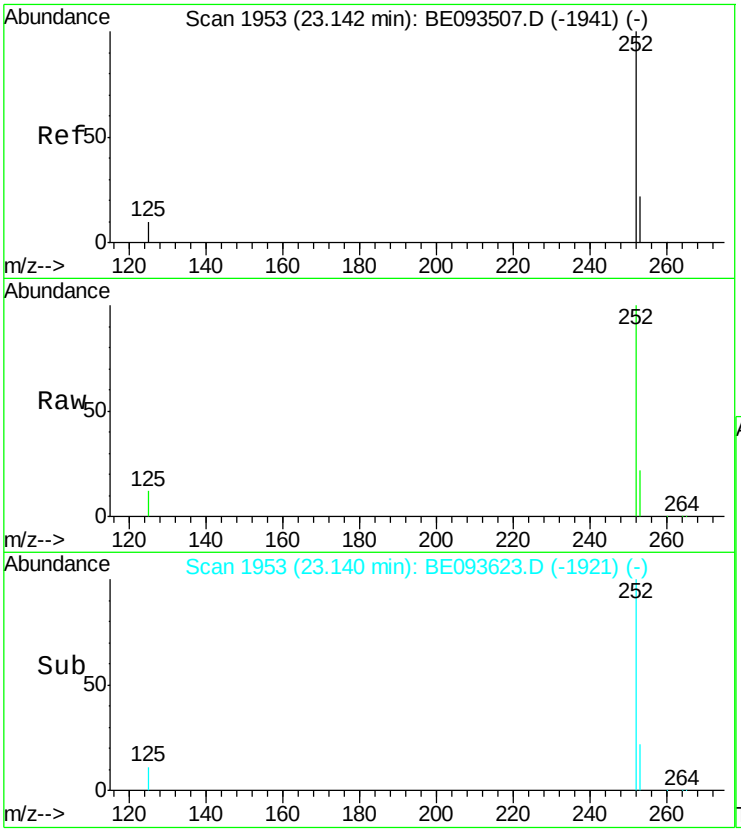


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:264 Resp: 18461

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.0	31.4
265	26.4	24.6	36.8



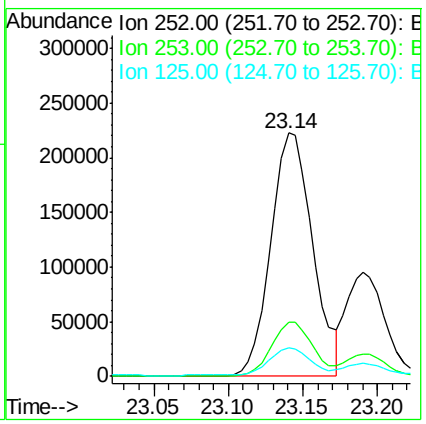


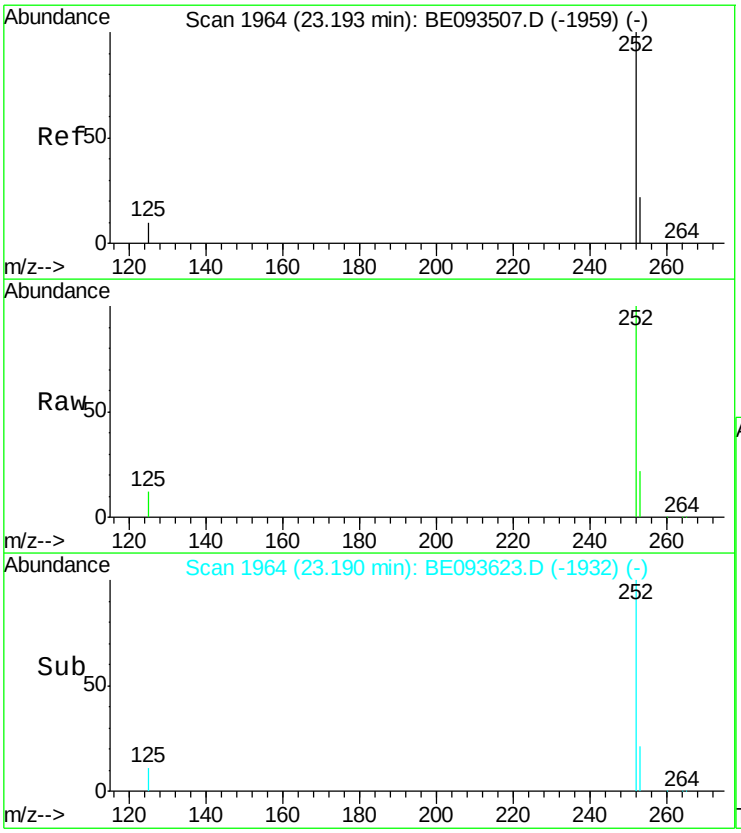
#35
Benzo(b)fluoranthene
Concen: 6.613 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:252 Resp: 435576

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	11.9	13.4	20.0#

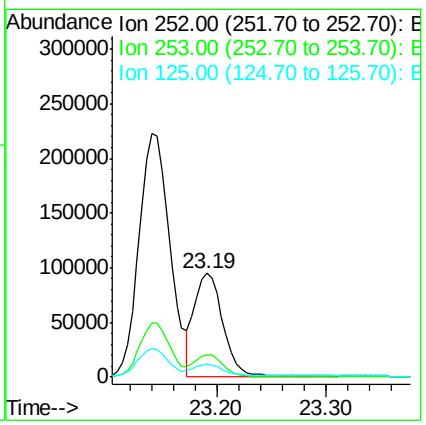


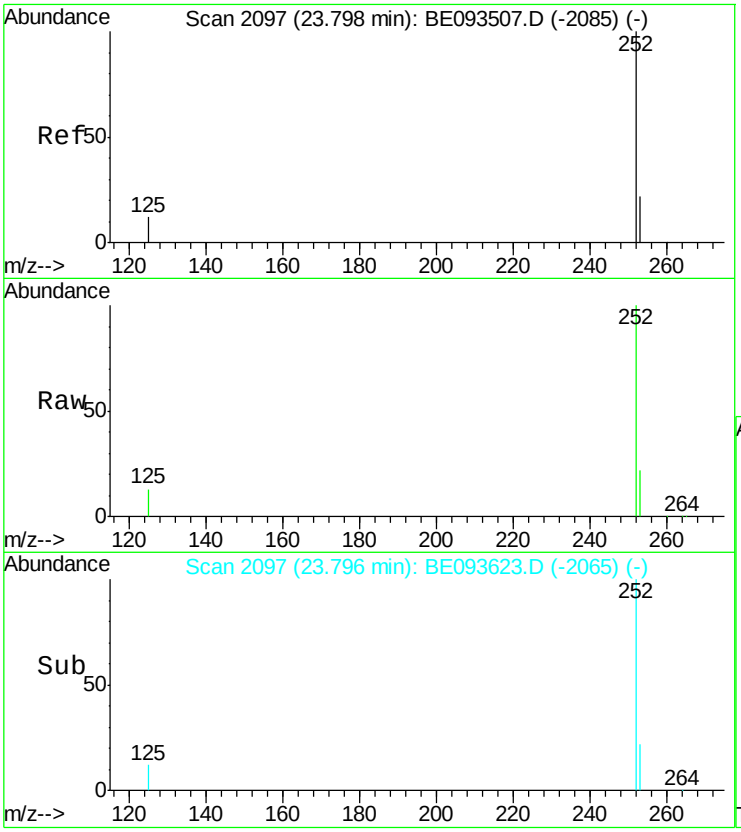


#36
Benzo(k)fluoranthene
Concen: 2.537 ng
RT: 23.19 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:252 Resp: 170794

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.3	30.5
125	12.3	12.2	18.4



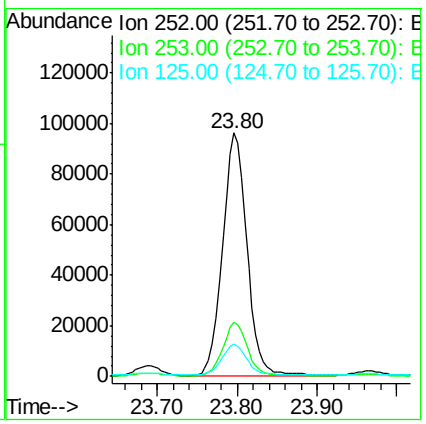


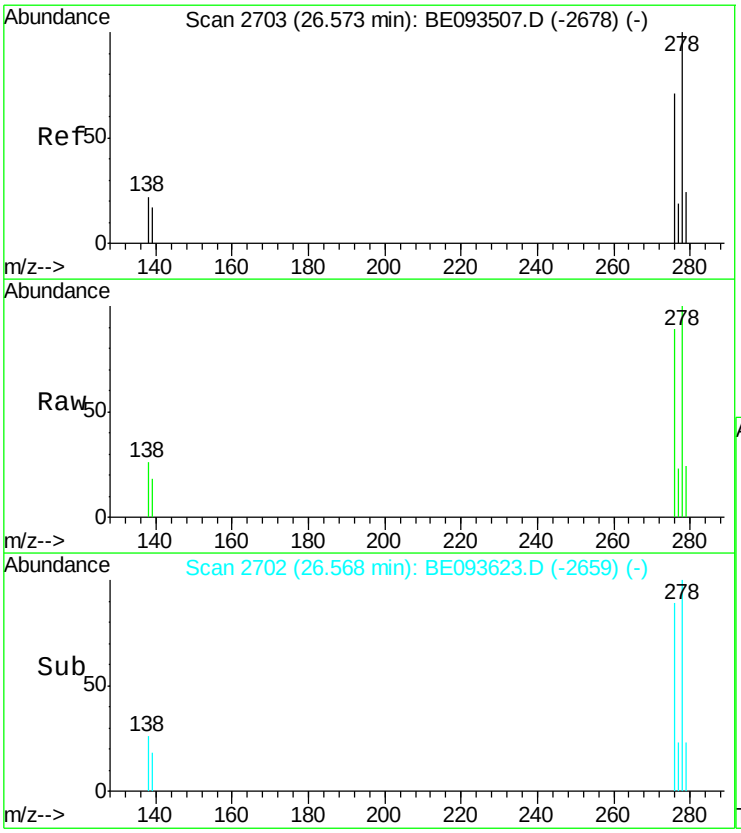
#37
Benzo(a)pyrene
Concen: 3.406 ng
RT: 23.80 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:252 Resp: 203299

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.9	29.9
125	13.1	14.6	21.8#

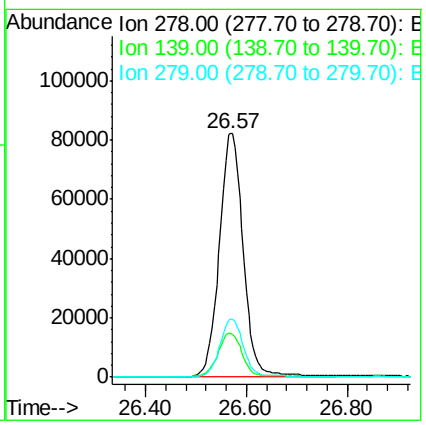


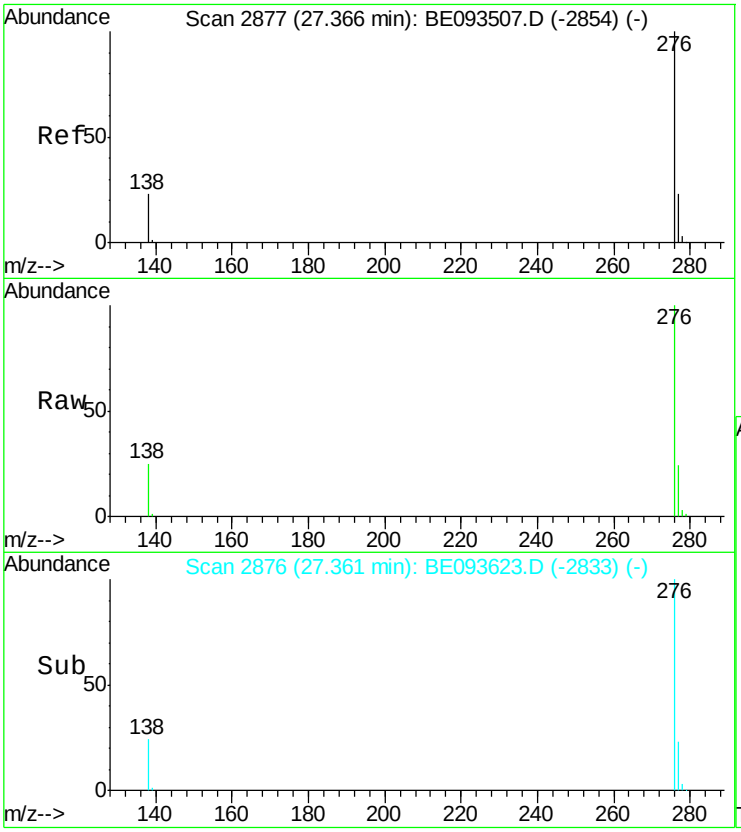


#38
Dibenzo(a,h)anthracene
Concen: 4.683 ng
RT: 26.57 min Scan# 2702
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Tgt Ion:278 Resp: 269762

Ion	Ratio	Lower	Upper
278	100		
139	18.0	21.4	32.0#
279	23.6	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 2.080 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE093623.D
Acq: 2 Aug 2017 11:13

Instrument :
BNA_E
ClientSampleId :
0550DL

Tgt Ion:276 Resp: 121520

Ion	Ratio	Lower	Upper
276	100		
277	23.7	21.2	31.8
138	24.9	24.5	36.7