Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092617\
Data File : BE094127.D
Acq On : 26 Sep 2017 11:36
Operator : SJ/JU
Sample : I5340-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 15:50:12 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	465	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	2359	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	1524	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	5930	0.40	ng		0.00
27) Chrysene-d12	21.40	240	4456	0.40	ng		0.00
34) Perylene-d12	23.91	264	4127	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	622	0.35	ng		0.00
5) Phenol-d6	7.10	99	745	0.30	ng		0.01
8) Nitrobenzene-d5	9.06	82	729	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	867	0.24	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	147	0.14	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	1226	0.24	ng		0.01
25) Fluoranthene-d10	19.27	212	10517	0.18	ng		0.00
29) Terphenyl-d14	19.85	244	1663	0.20	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.66	42	205	0.177	ng	#	1
6) bis(2-Chloroethyl)ether	7.34	93	166	0.087	ng	#	1
9) Naphthalene	10.74	128	1237	0.046	ng	#	83
10) Hexachlorobutadiene	11.03	225	12	0.012	ng	#	33
12) 2-Methylnaphthalene	12.35	142	167	0.039	ng	#	79
16) Acenaphthylene	14.23	152	1643	0.215	ng		97
17) Acenaphthene	14.57	154	561	0.118	ng		93
18) Fluorene	15.56	166	750	0.116	ng	#	85
20) 4-Bromophenyl-phenylether	16.36	248	8	0.003	ng	#	18
21) Hexachlorobenzene	16.58	284	14	0.009	ng	#	38
22) Pentachlorophenol	17.01	266	4	0.003	ng		91
23) Phenanthrene	17.27	178	21816	1.438	ng		98
24) Anthracene	17.37	178	3925	0.247	ng	#	89
26) Fluoranthene	19.30	202	46835	2.755	ng		100
28) Pyrene	19.66	202	44259	3.135	ng	#	95
30) Benzo(a)anthracene	21.38	228	21172	1.411	ng		96
31) Chrysene	21.44	228	21150	1.461	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	15369	0.161	ng		99
33) Indeno(1,2,3-cd)pyrene	26.55	276	13292	0.858	ng		96
35) Benzo(b)fluoranthene	23.14	252	29672	1.993	ng	#	95
36) Benzo(k)fluoranthene	23.14	252	29672	2.081	ng		96
37) Benzo(a)pyrene	23.80	252	19930	1.481	ng		95
38) Dibenzo(a,h)anthracene	26.56	278	3200	0.251	ng	#	62
39) Benzo(g,h,i)perylene	27.38	276	13628	1.080	ng		97

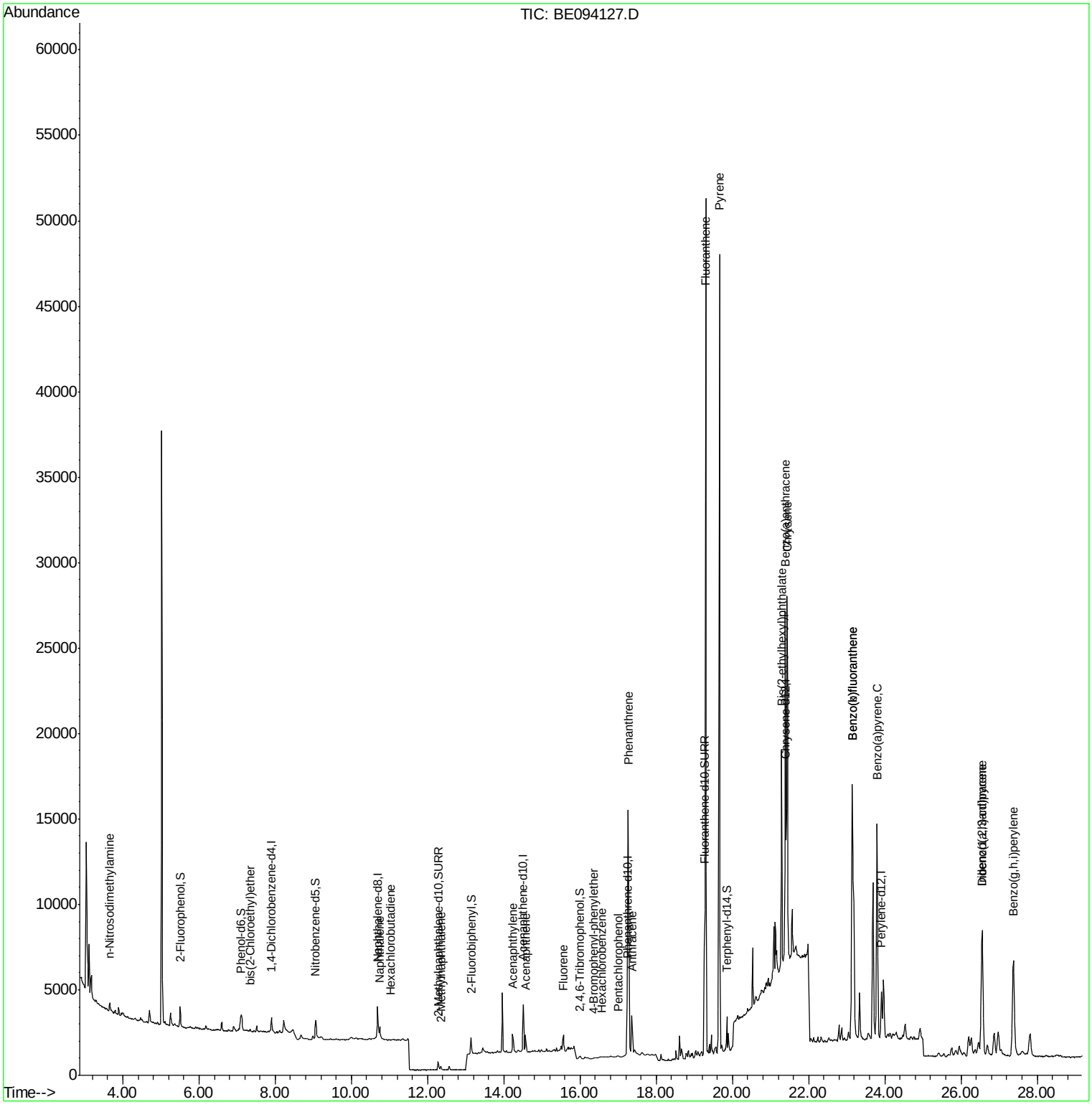
(#) = qualifier out of range (m) = manual integration (+) = signals summed

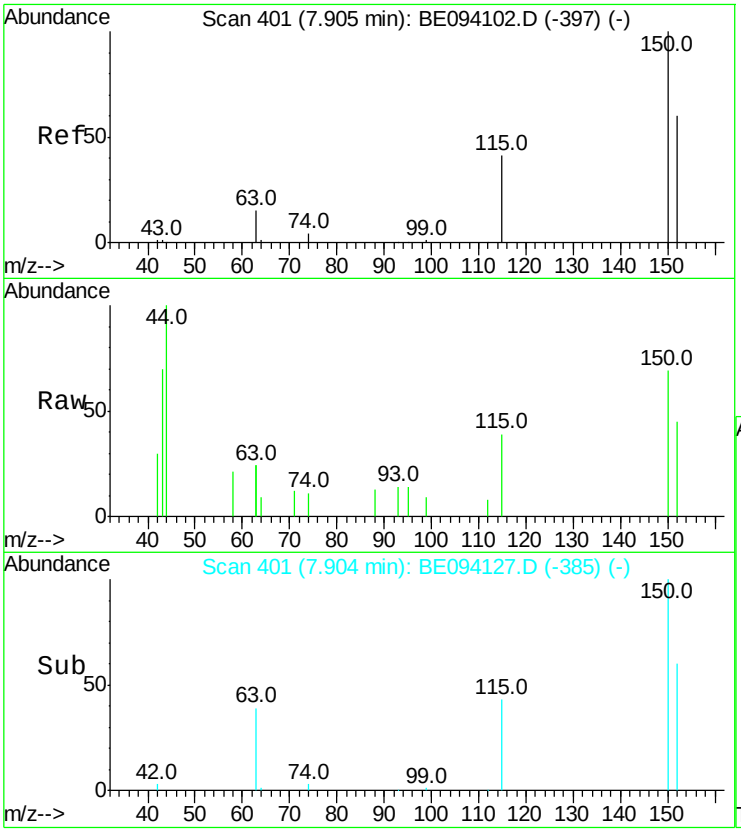
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092617\
Data File : BE094127.D
Acq On : 26 Sep 2017 11:36
Operator : SJ/JU
Sample : I5340-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 15:50:12 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
Response via : Initial Calibration



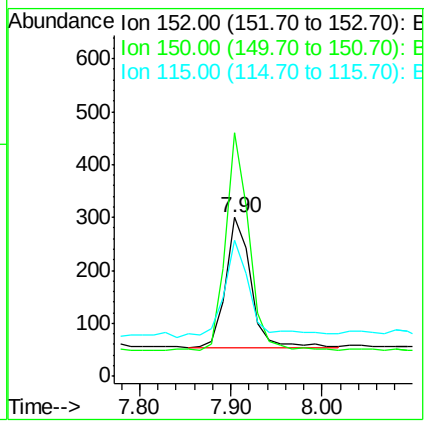


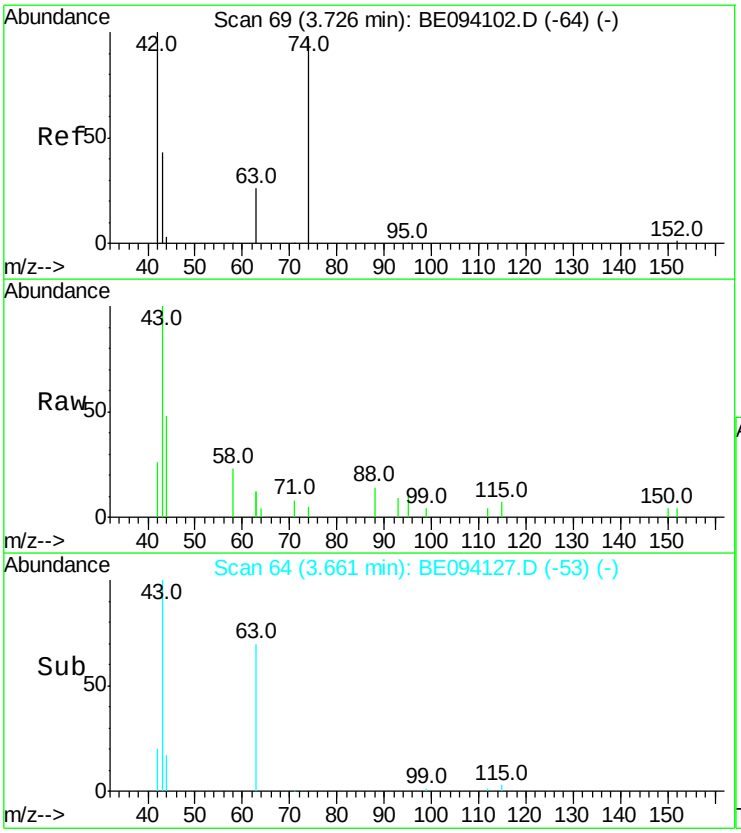
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 465

Ion	Ratio	Lower	Upper
152	100		
150	153.3	117.2	175.8
115	85.7	57.0	85.6#

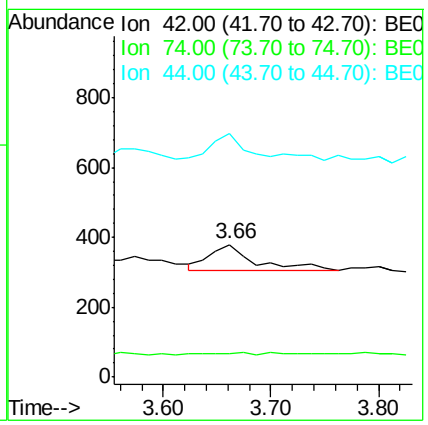


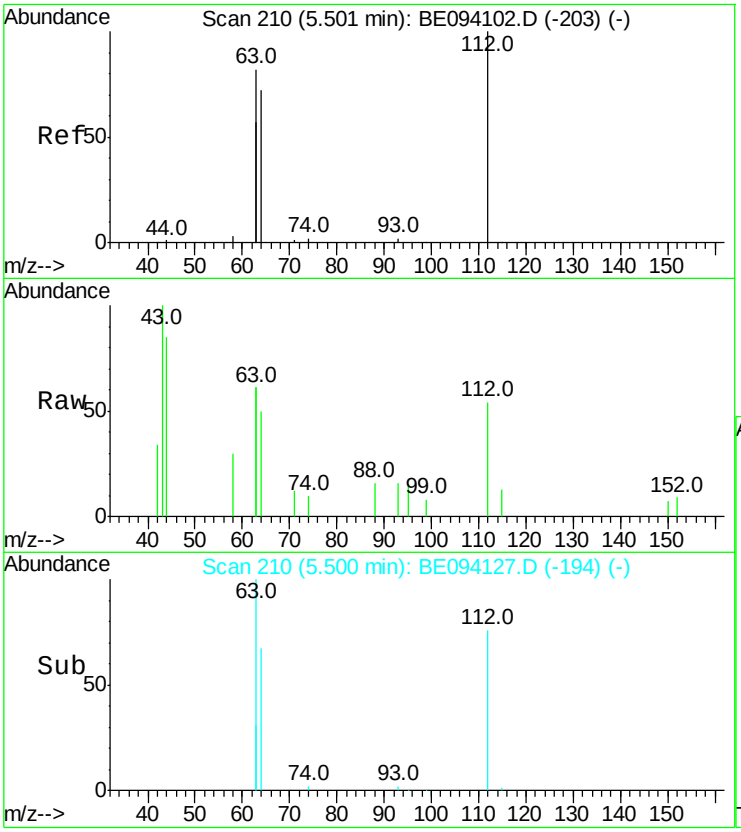


#3
n-Nitrosodimethylamine
Concen: 0.177 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.06 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion: 42 Resp: 205

Ion	Ratio	Lower	Upper
42	100		
74	5.4	100.3	150.5#
44	70.2	17.0	25.4#



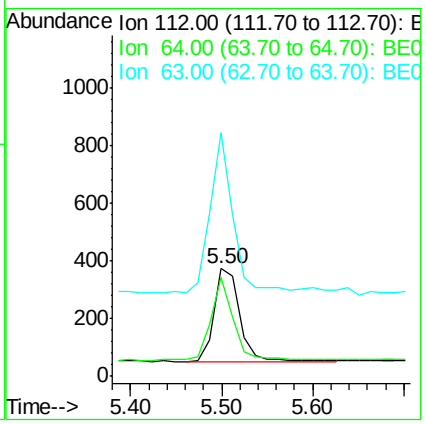


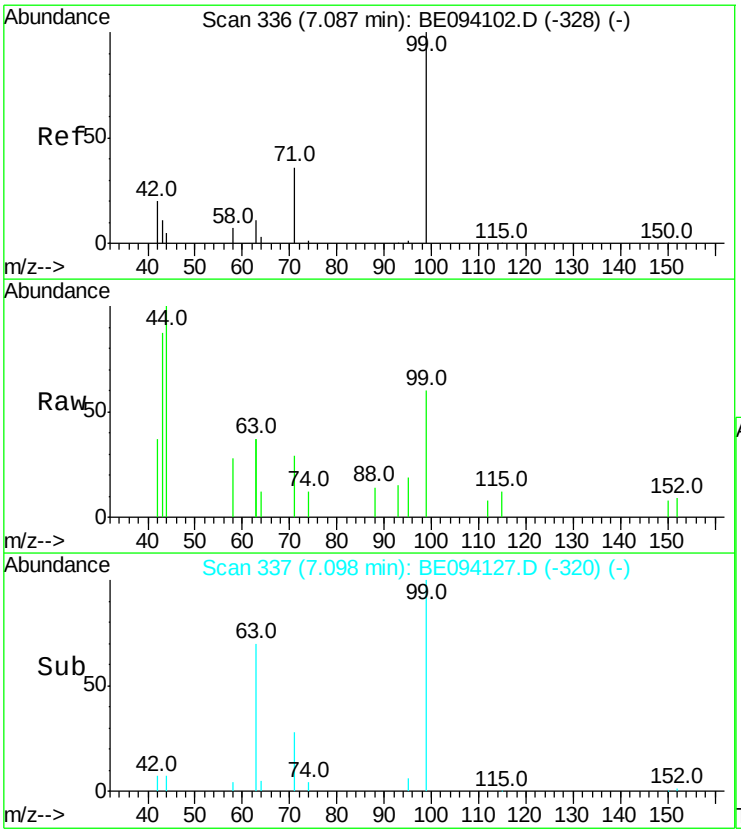
#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 622

Ion	Ratio	Lower	Upper
112	100		
64	77.3	60.1	90.1
63	155.0	116.8	175.2

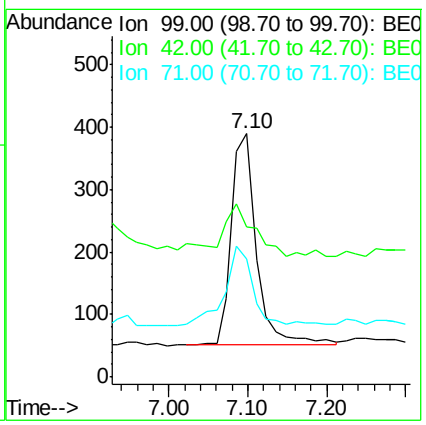


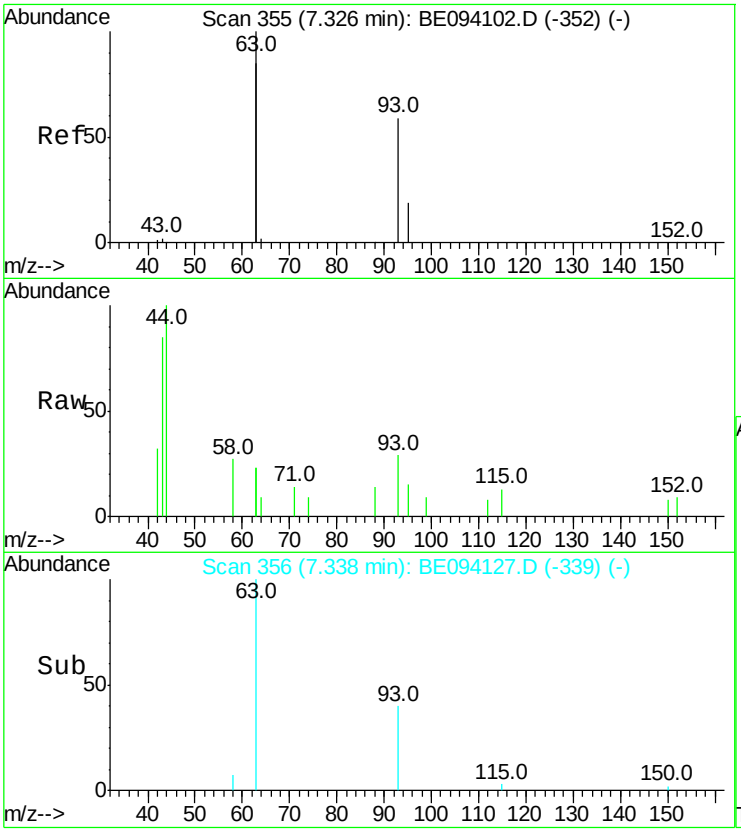


#5
Phenol-d6
Concen: 0.304 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion: 99 Resp: 745

Ion	Ratio	Lower	Upper
99	100		
42	32.3	20.2	30.2#
71	41.3	28.4	42.6



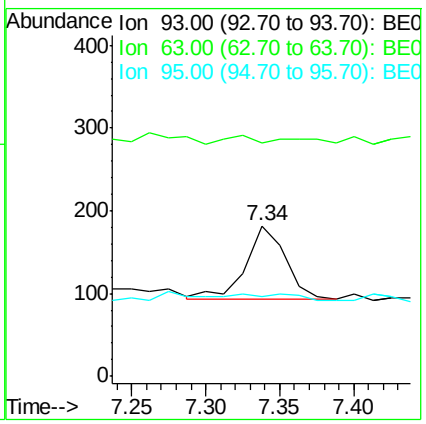


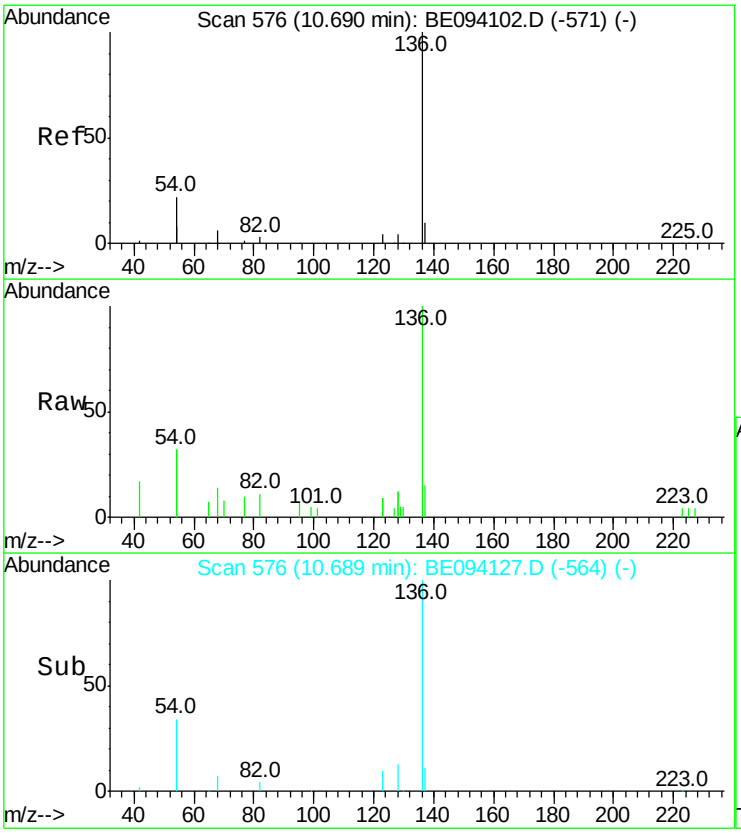
#6
bis(2-Chloroethyl)ether
Concen: 0.087 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.01 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 166

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	13.3	25.2	37.8#

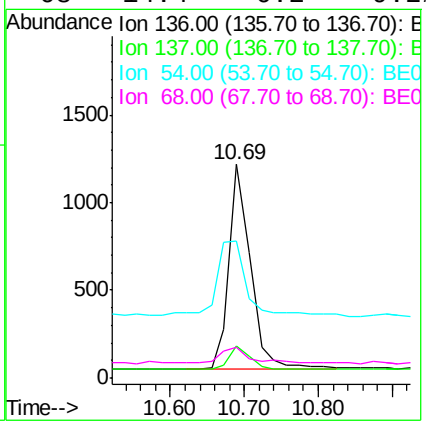


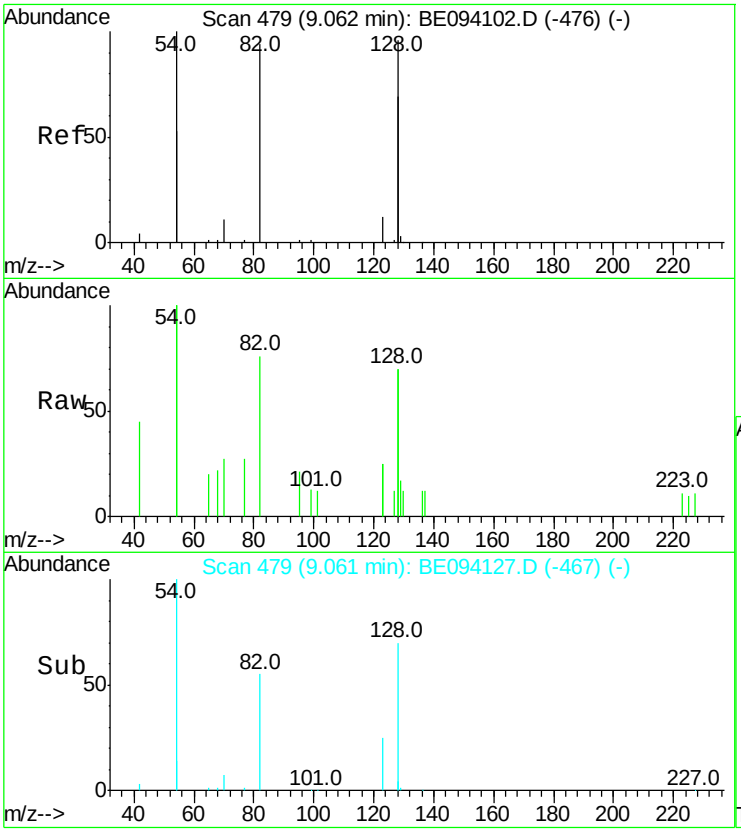


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:136 Resp: 2359

Ion	Ratio	Lower	Upper
136	100		
137	14.8	9.5	14.3#
54	64.4	29.1	43.7#
68	14.4	6.2	9.2#



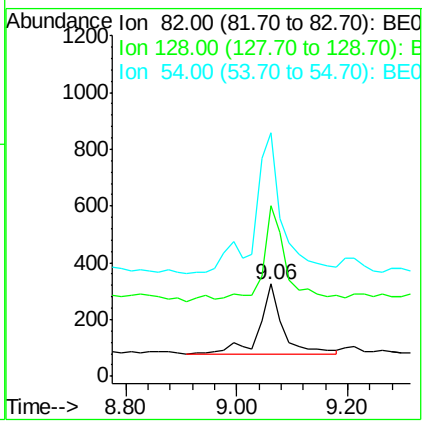


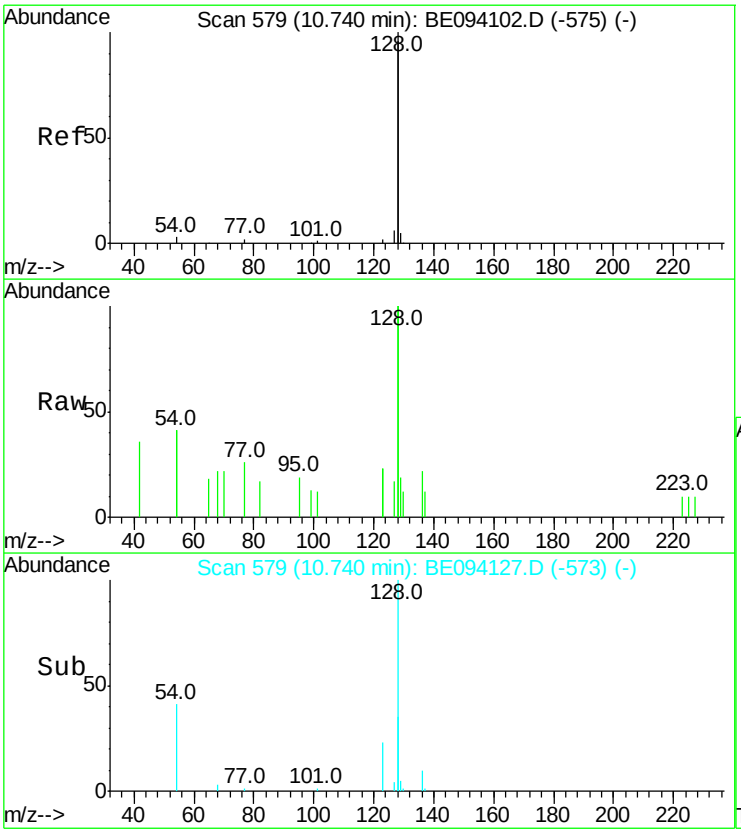
#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 729

Ion	Ratio	Lower	Upper
82	100		
128	185.2	150.0	225.0
54	264.8	154.2	231.4#

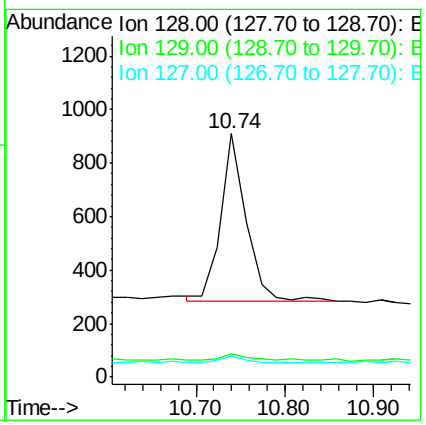


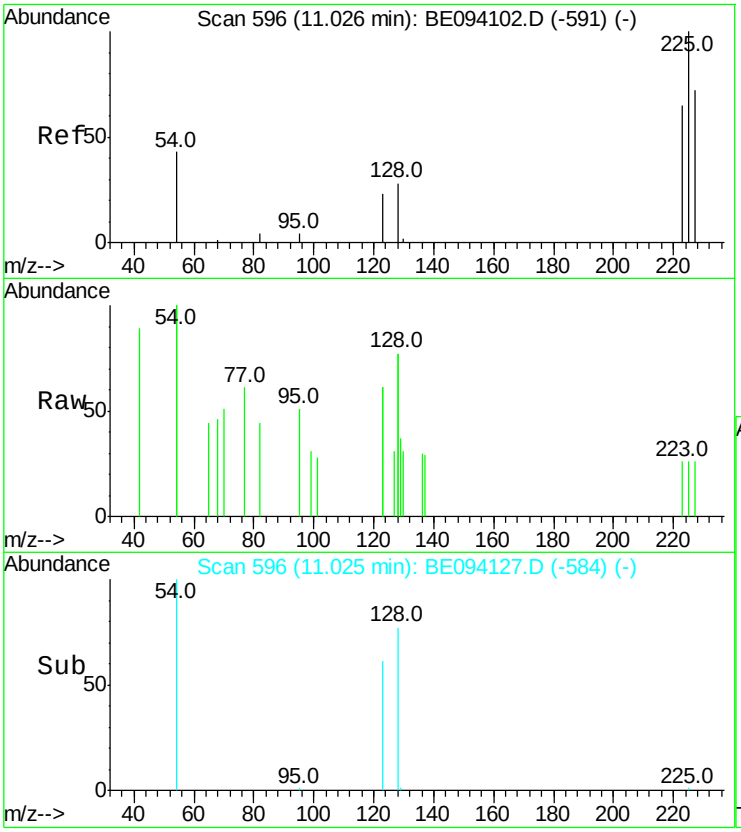


#9
Naphthalene
Concen: 0.046 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:128 Resp: 1237

Ion	Ratio	Lower	Upper
128	100		
129	9.6	2.6	3.8#
127	8.7	2.8	4.2#



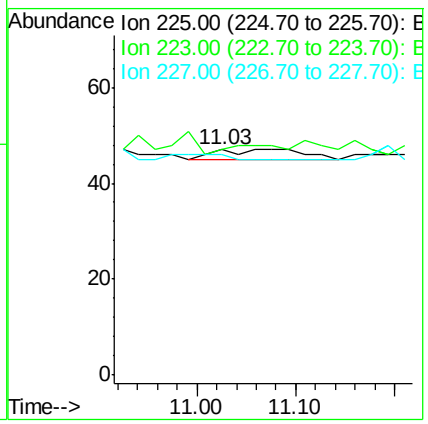


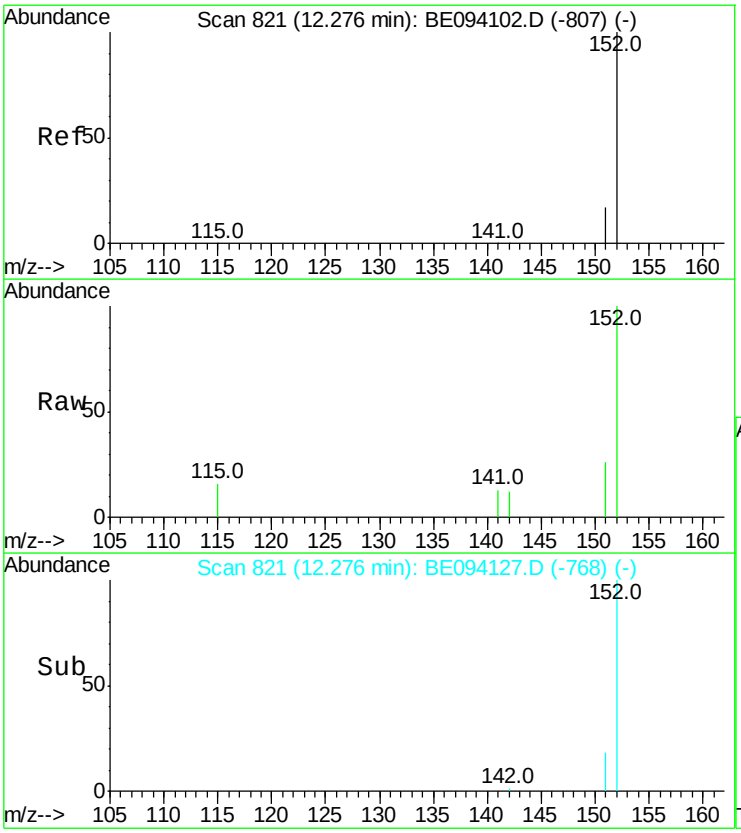
#10
Hexachlorobutadiene
Concen: 0.012 ng
RT: 11.03 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 12

Ion	Ratio	Lower	Upper
225	100		
223	25.0	53.0	79.6#
227	0.0	51.4	77.2#

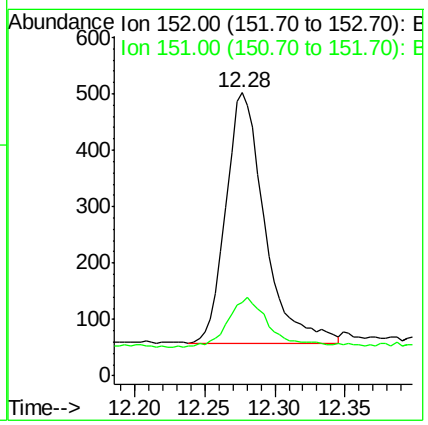


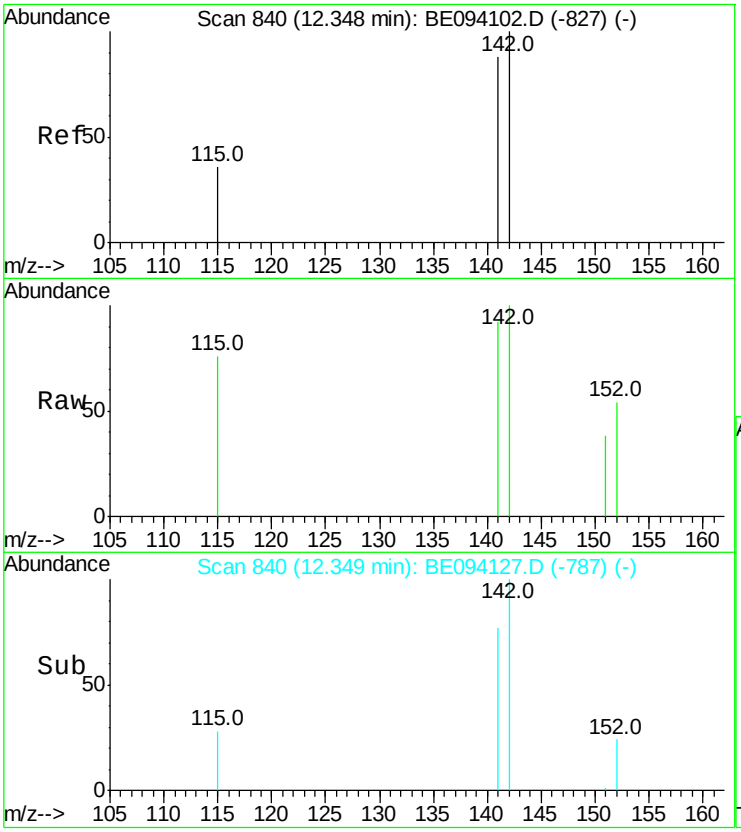


#11
2-Methylnaphthalene-d10
Concen: 0.239 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:152 Resp: 867

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.4	23.0



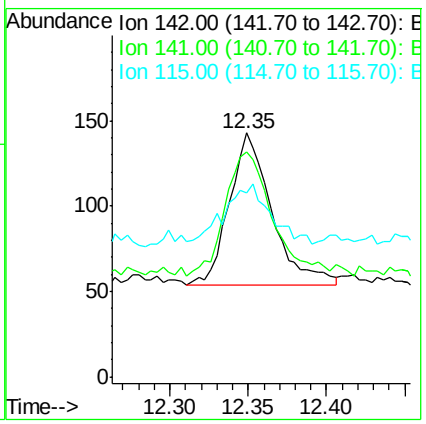


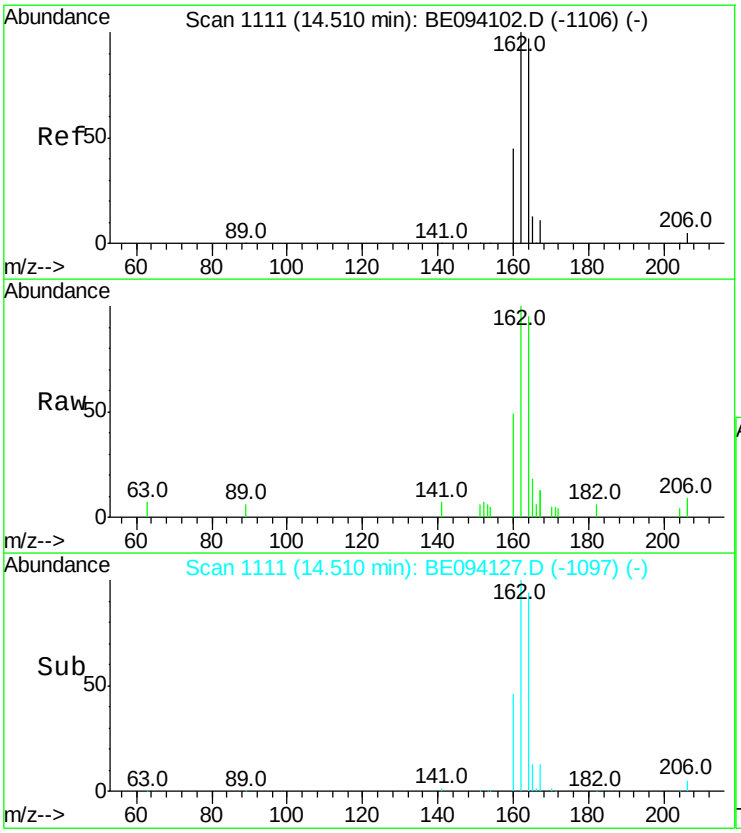
#12
2-Methylnaphthalene
Concen: 0.039 ng
RT: 12.35 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 167

Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.4	105.6
115	75.5	31.7	47.5#

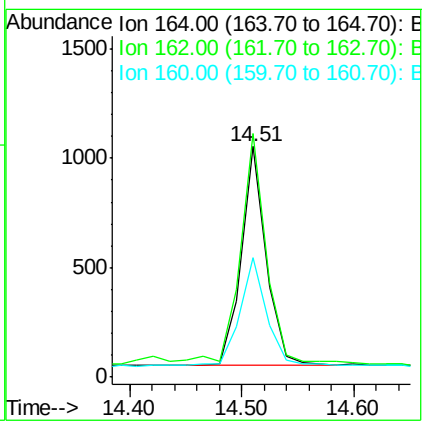


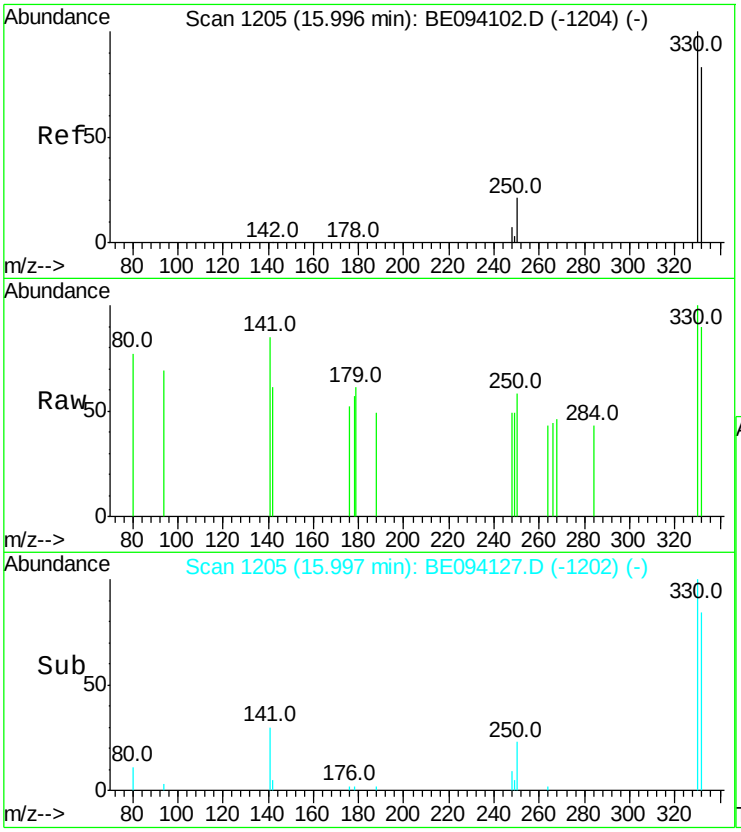


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:164 Resp: 1524

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.1	124.7
160	51.6	37.1	55.7



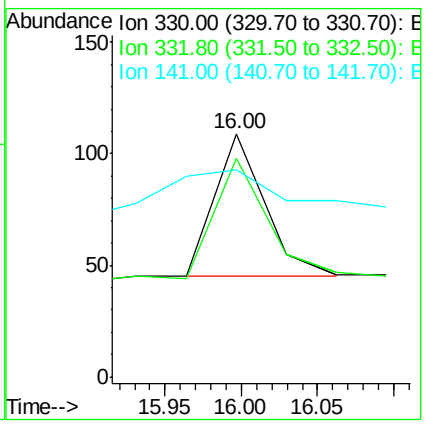


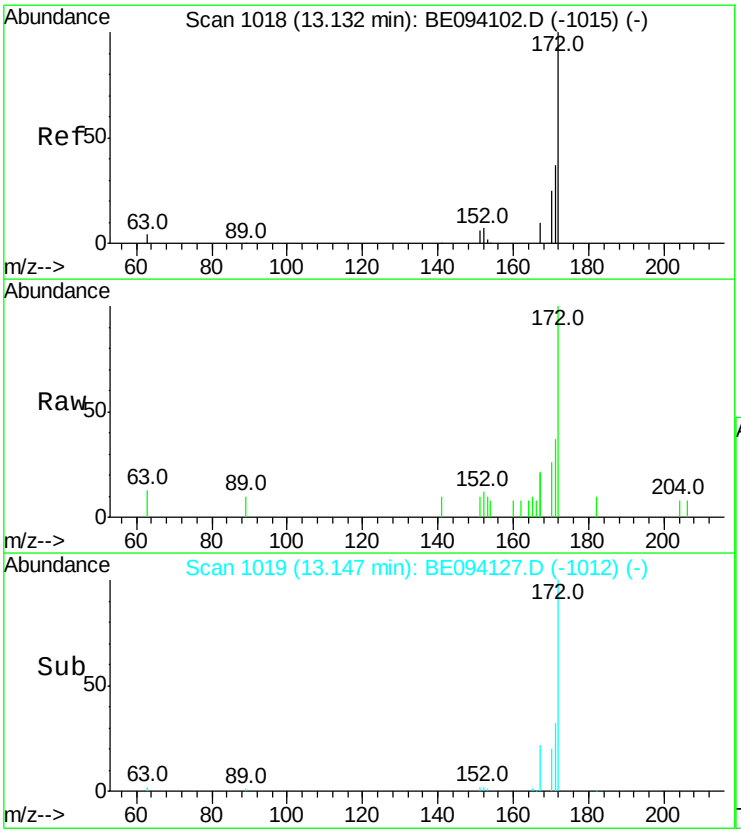
#14
2,4,6-Tribromophenol
Concen: 0.144 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 147

Ion	Ratio	Lower	Upper
330	100		
332	90.5	152.7	229.1#
141	0.0	33.7	50.5#

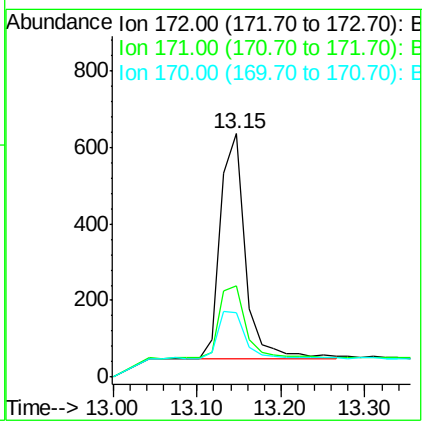


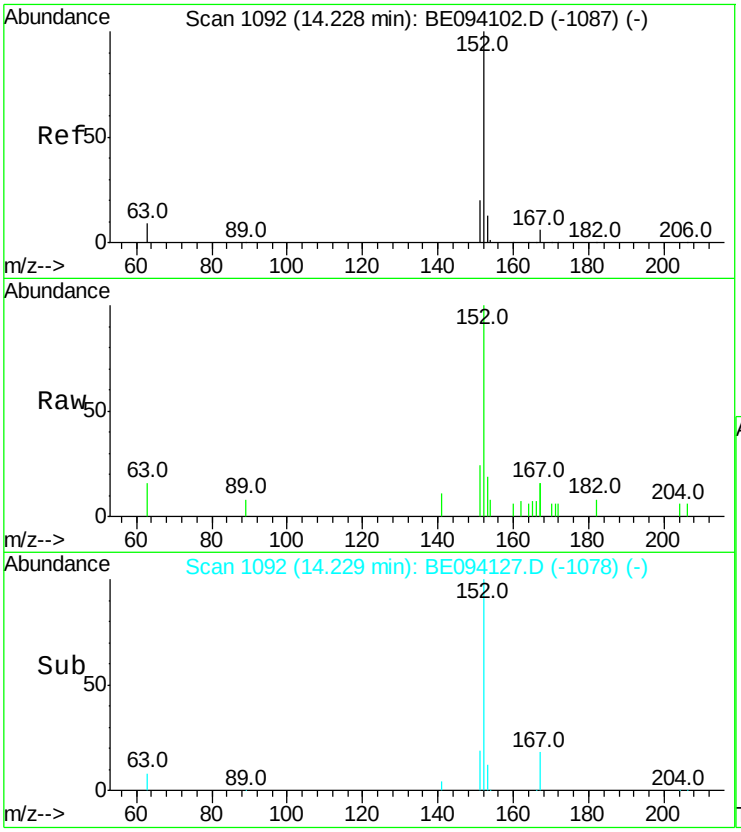


#15
2-Fluorobiphenyl
Concen: 0.243 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:172 Resp: 1226

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	26.4	21.8	32.8



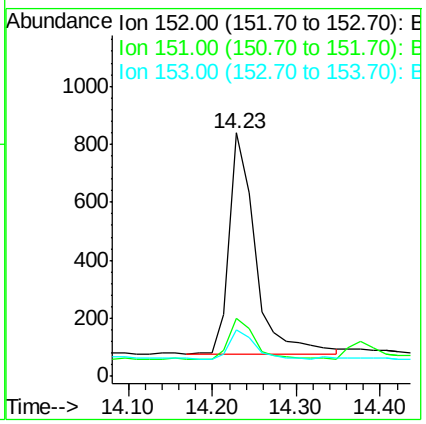


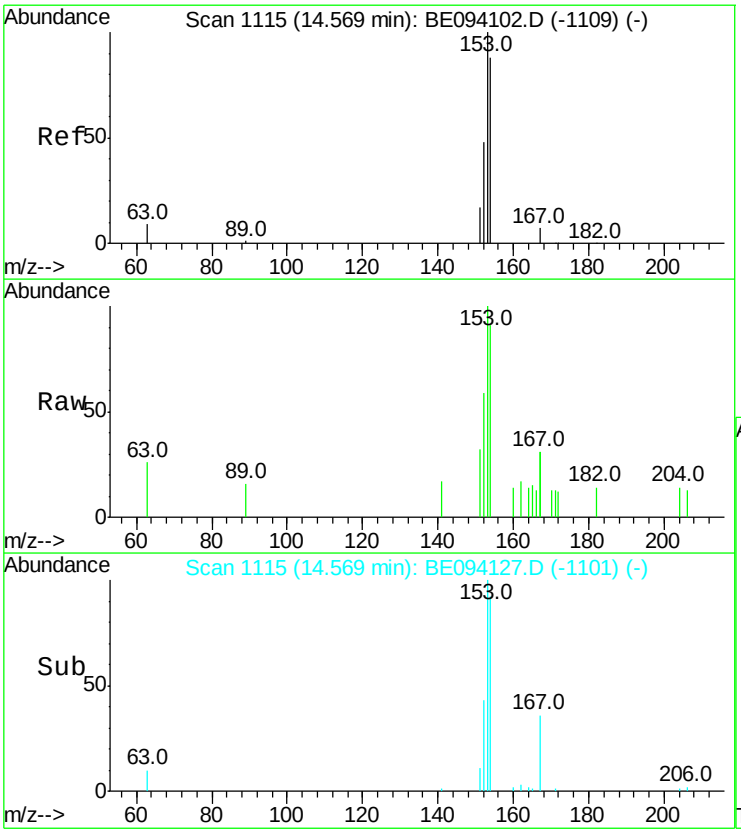
#16
Acenaphthylene
Concen: 0.215 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1643

Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.7	23.5
153	12.5	10.5	15.7

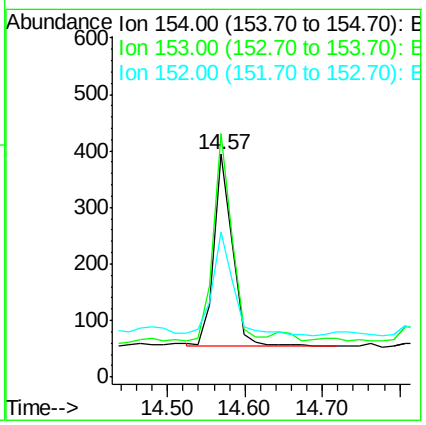


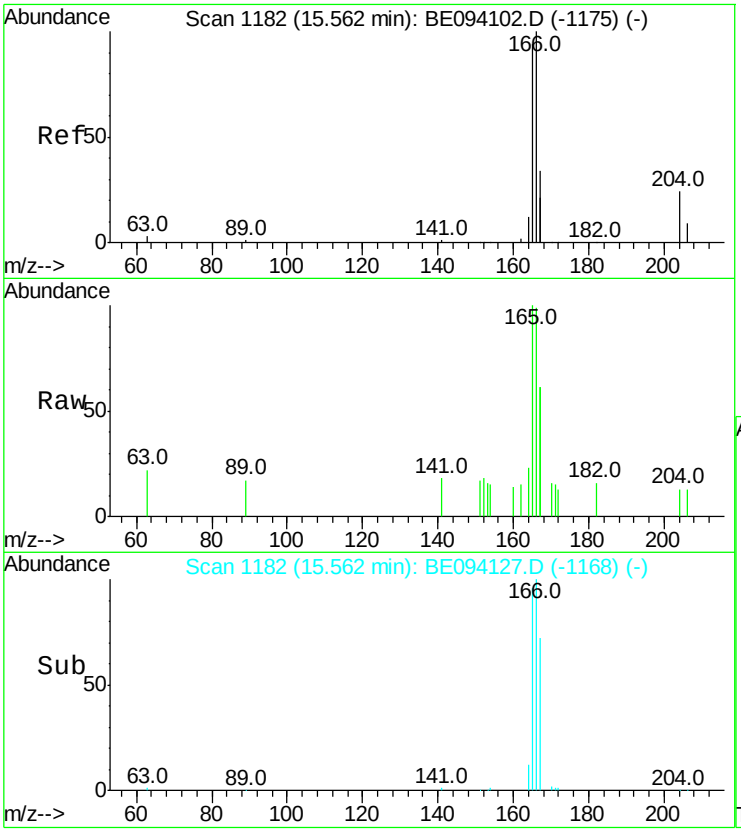


#17
Acenaphthene
Concen: 0.118 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:154 Resp: 561

Ion	Ratio	Lower	Upper
154	100		
153	107.7	89.2	133.8
152	62.6	42.0	63.0



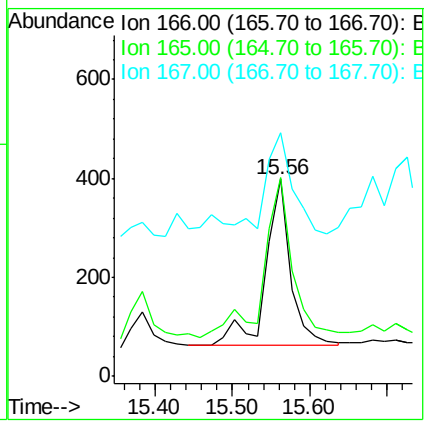


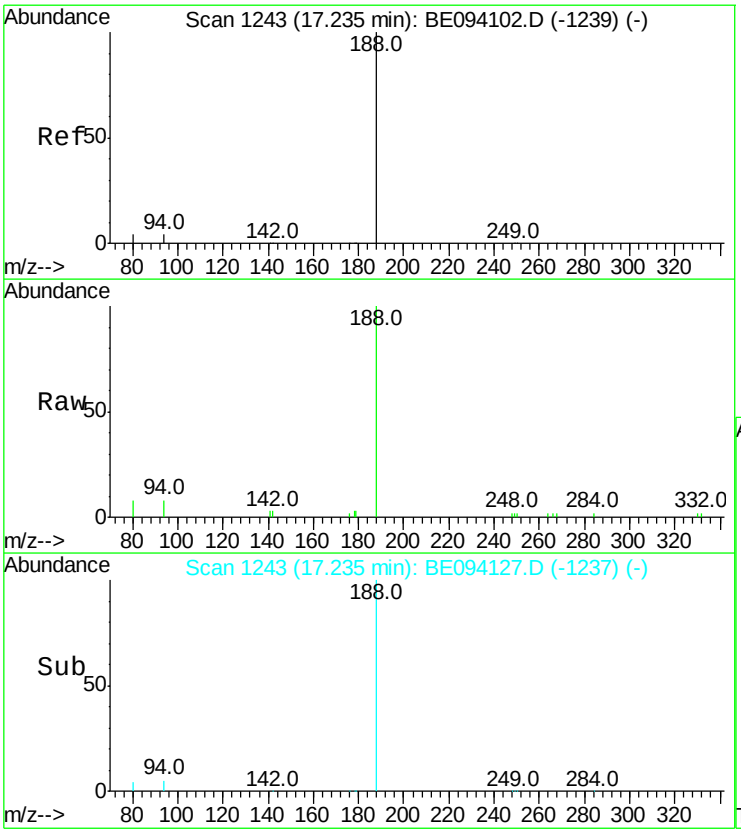
#18
Fluorene
Concen: 0.116 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 750

Ion	Ratio	Lower	Upper
166	100		
165	109.7	77.8	116.6
167	66.1	42.4	63.6#

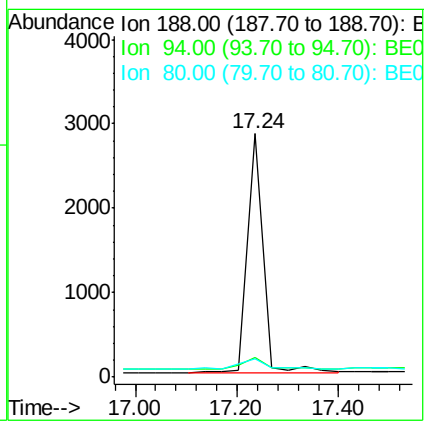


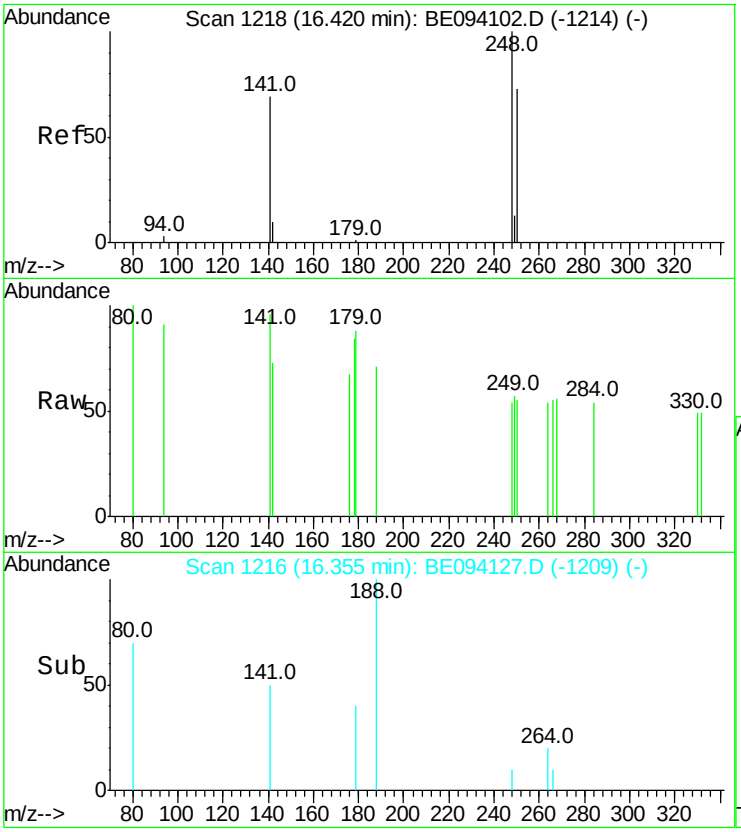


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:188 Resp: 5930

Ion	Ratio	Lower	Upper
188	100		
94	7.9	3.9	5.9#
80	7.6	3.6	5.4#



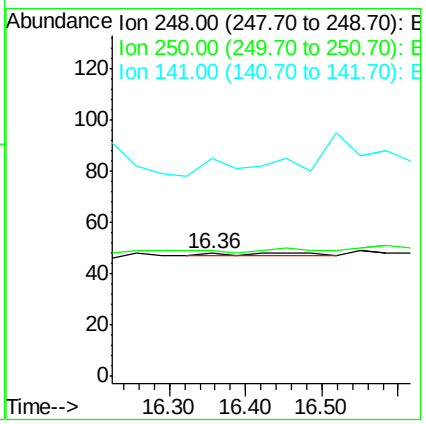


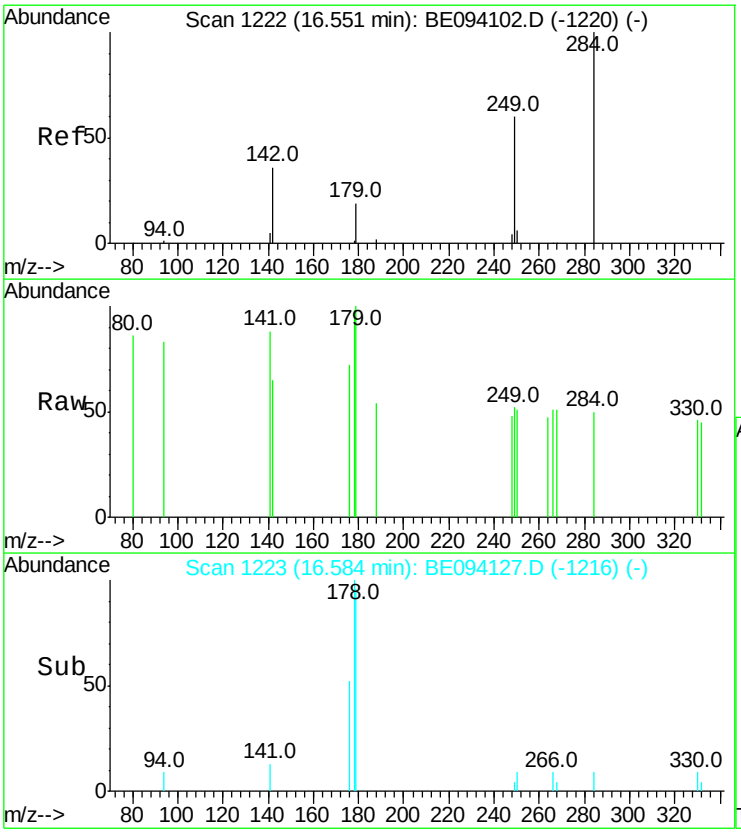
#20
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 16.36 min Scan# 1216
Delta R.T. -0.06 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 8

Ion	Ratio	Lower	Upper
248	100		
250	102.1	62.7	94.1#
141	177.1	48.2	72.2#

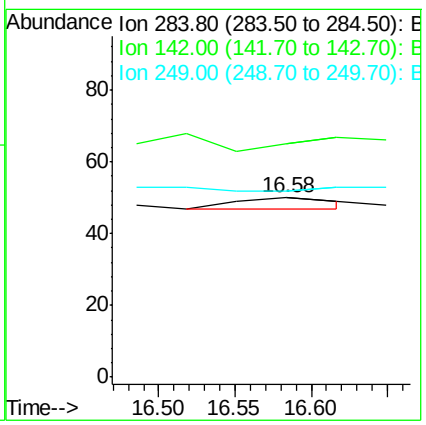


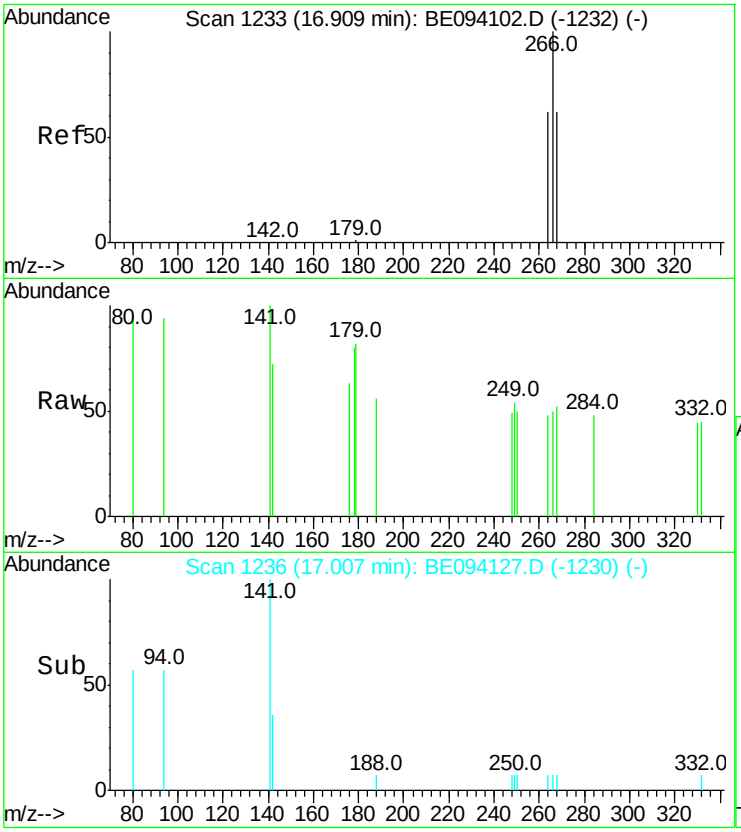


#21
Hexachlorobenzene
Concen: 0.009 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.03 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:284 Resp: 14

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	0.0	34.8	52.2#



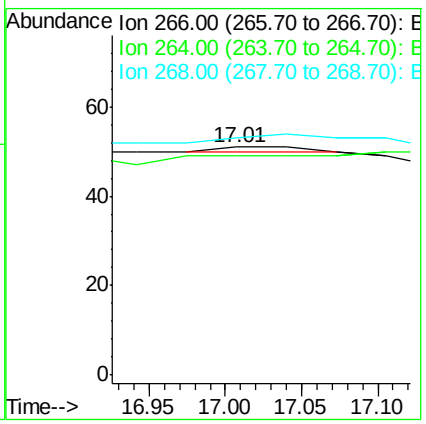


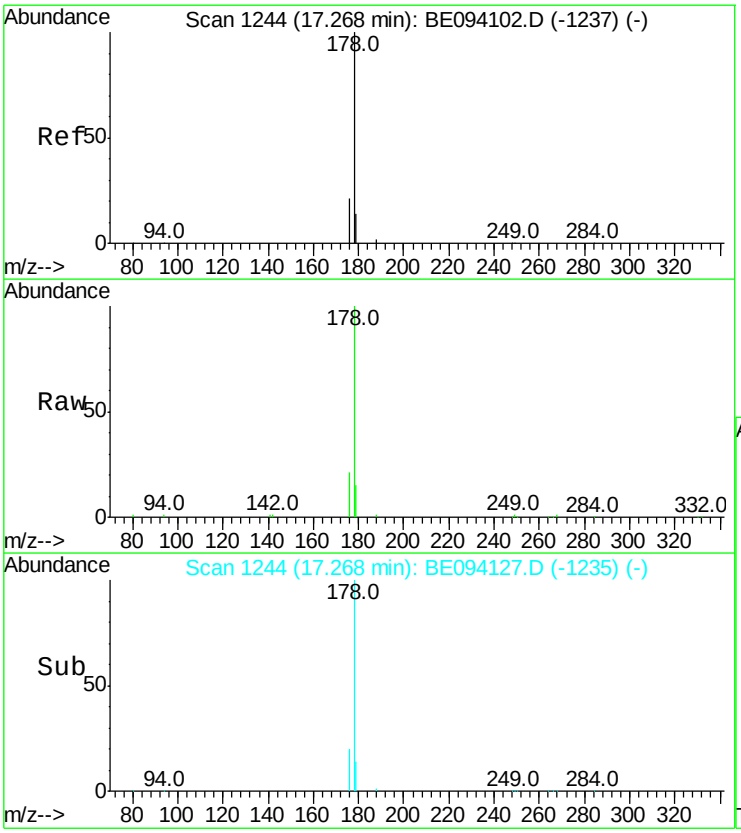
#22
Pentachlorophenol
Concen: 0.003 ng
RT: 17.01 min Scan# 1236
Delta R.T. 0.10 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	96.1	72.5	108.7
268	103.9	73.8	110.6

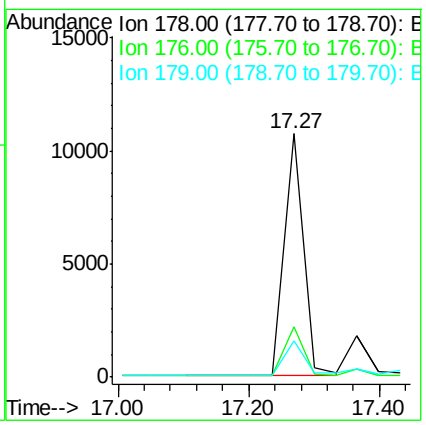


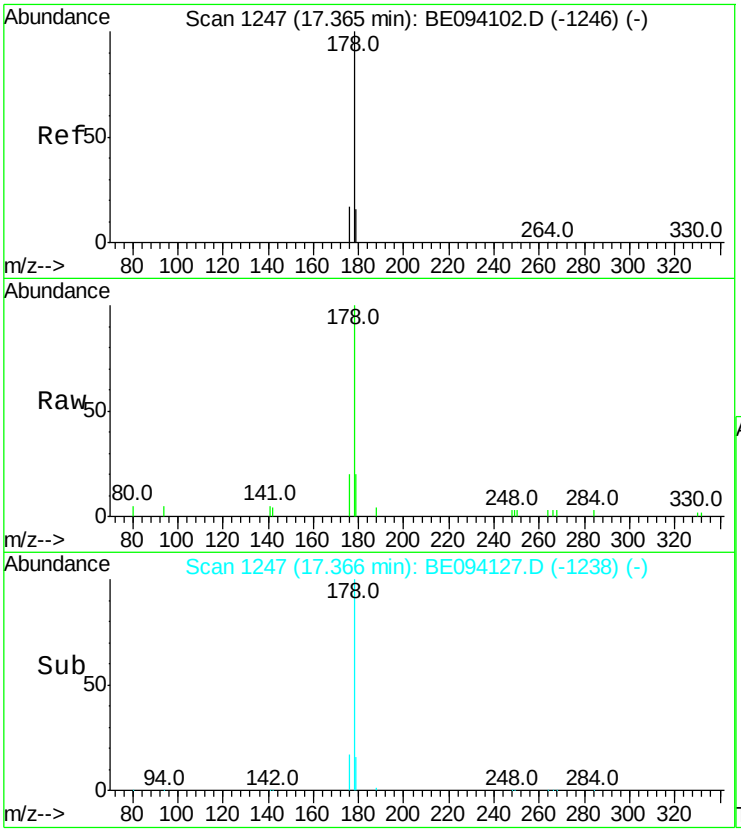


#23
Phenanthrene
Concen: 1.438 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:178 Resp: 21816

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.7	11.8	17.6



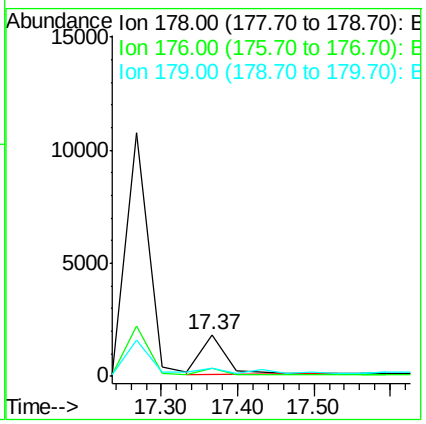


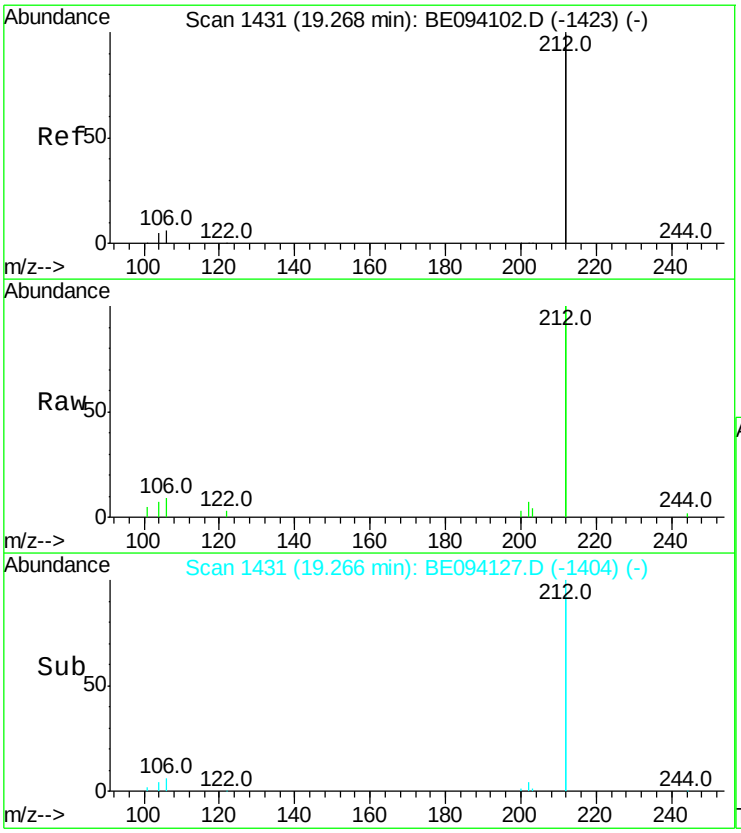
#24
Anthracene
Concen: 0.247 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3925

Ion	Ratio	Lower	Upper
178	100		
176	16.0	12.8	19.2
179	25.3	13.0	19.6#

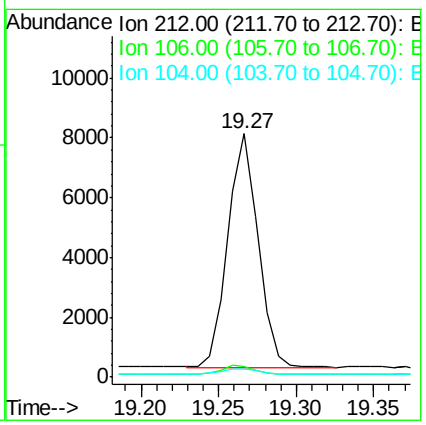


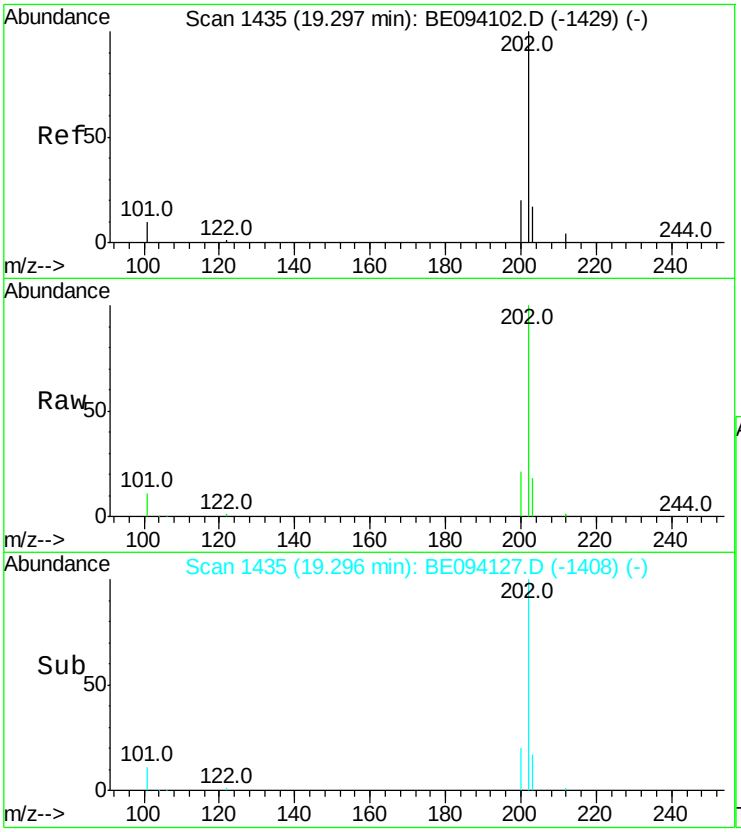


#25
Fluoranthene-d10
Concen: 0.183 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:212 Resp: 10517

Ion	Ratio	Lower	Upper
212	100		
106	3.8	2.8	4.2
104	2.9	1.6	2.4#



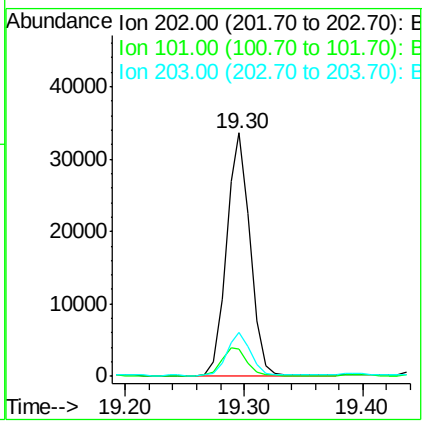


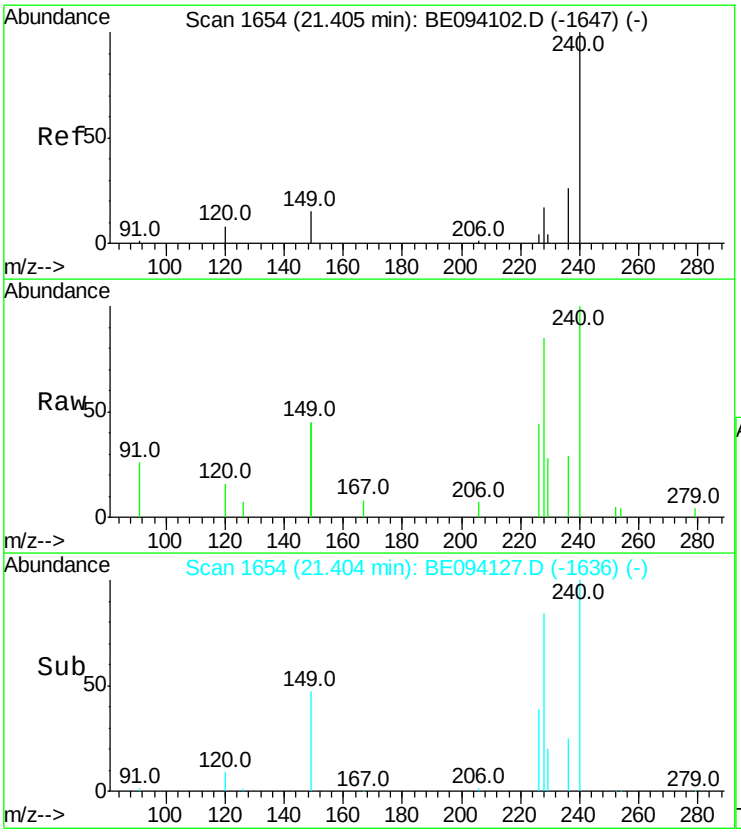
#26
Fluoranthene
Concen: 2.755 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 46835

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
203	17.3	13.7	20.5

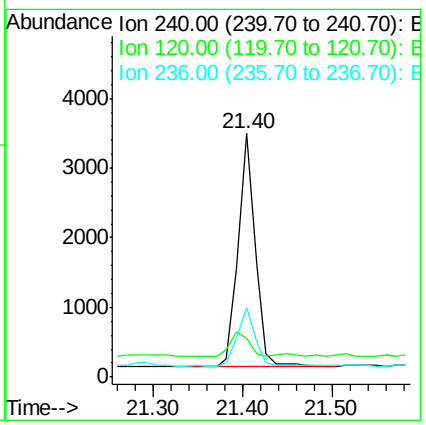


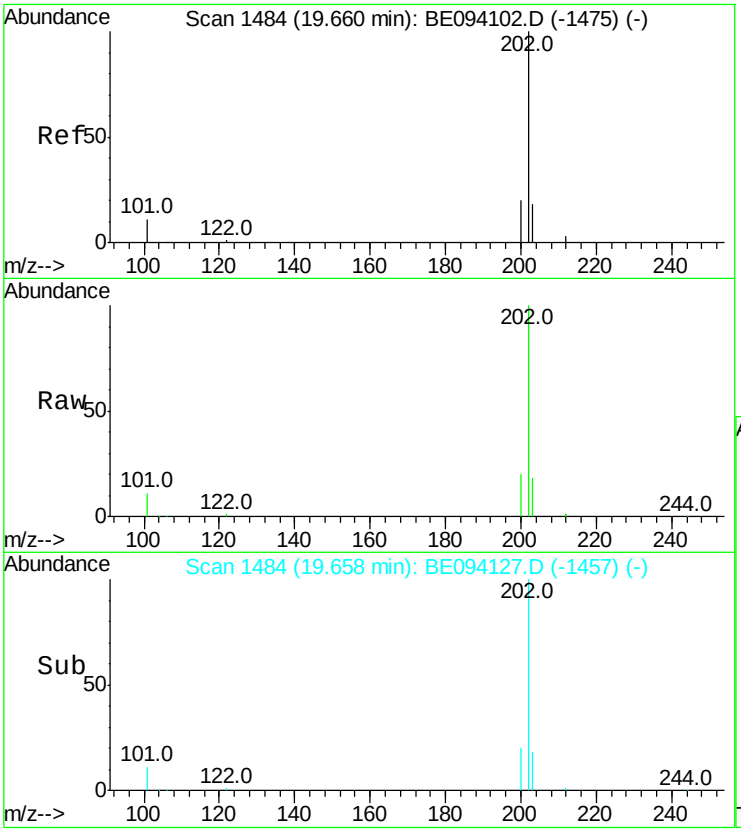


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:240 Resp: 4456

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.5	8.3#
236	28.8	20.7	31.1



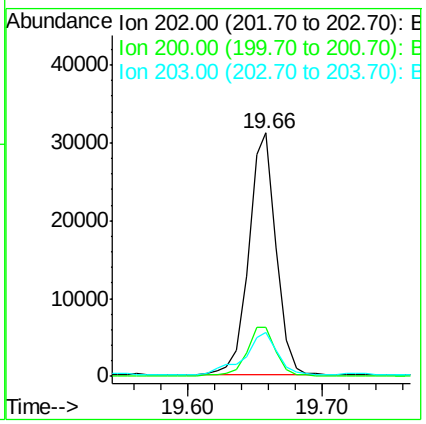


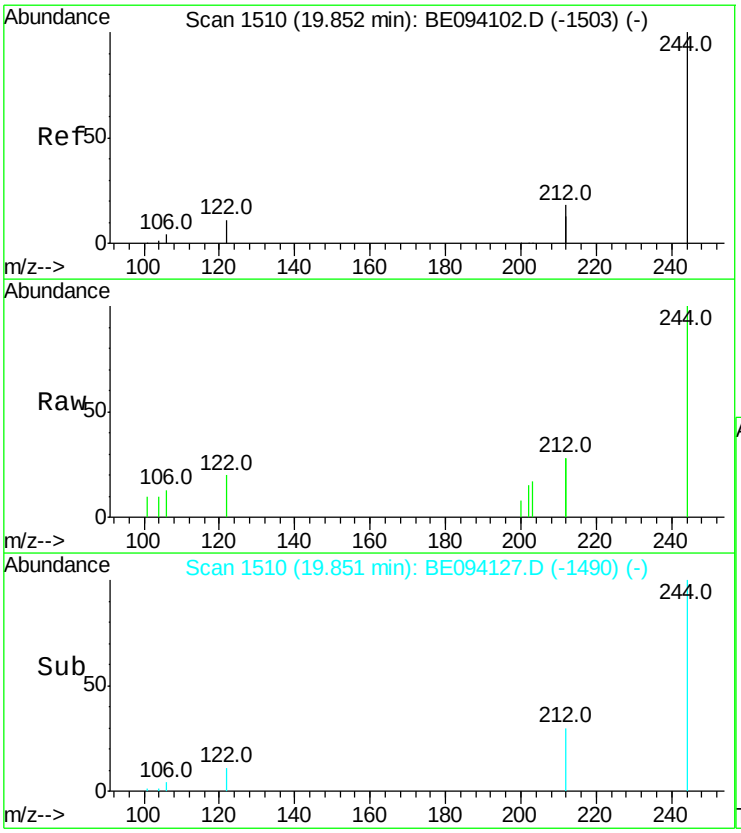
#28
Pyrene
Concen: 3.135 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 44259

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	21.5	13.8	20.8#

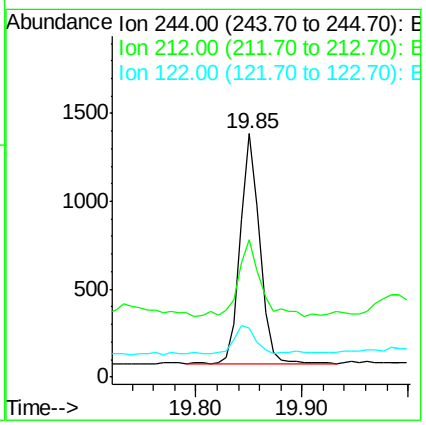


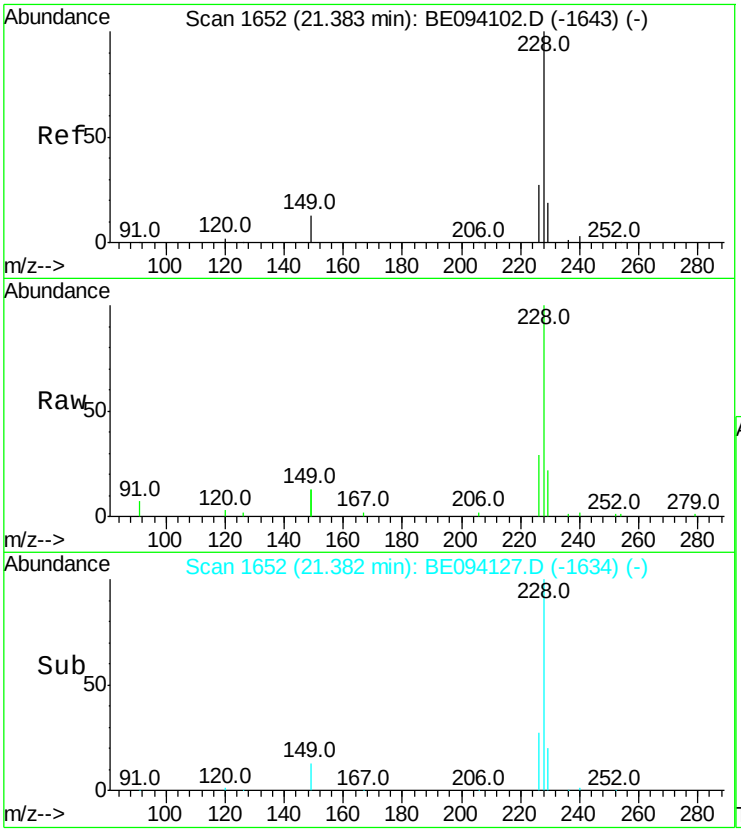


#29
Terphenyl-d14
Concen: 0.205 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:244 Resp: 1663

Ion	Ratio	Lower	Upper
244	100		
212	56.3	25.4	38.0#
122	20.1	8.1	12.1#



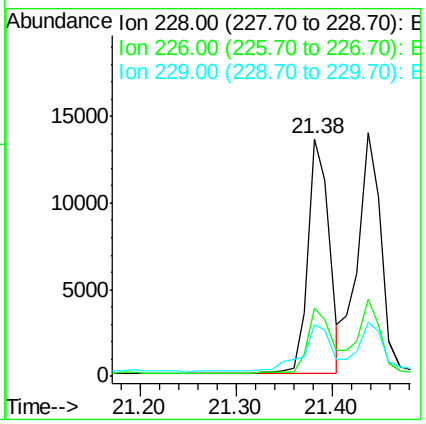


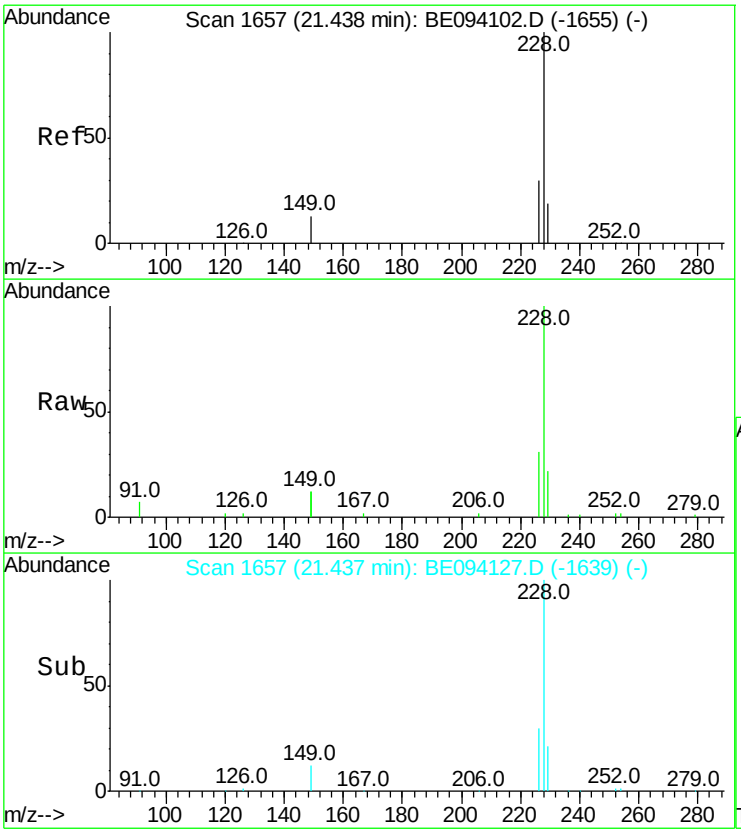
#30
Benzo(a)anthracene
Concen: 1.411 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 21172

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.4	32.0
229	21.9	16.4	24.6

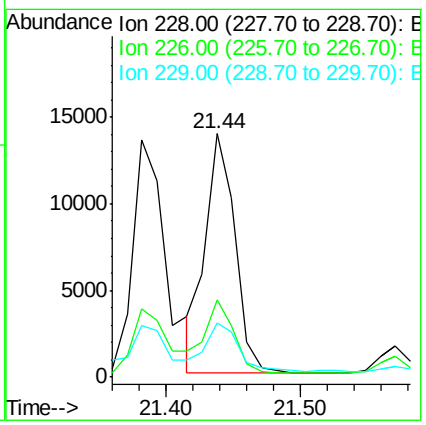


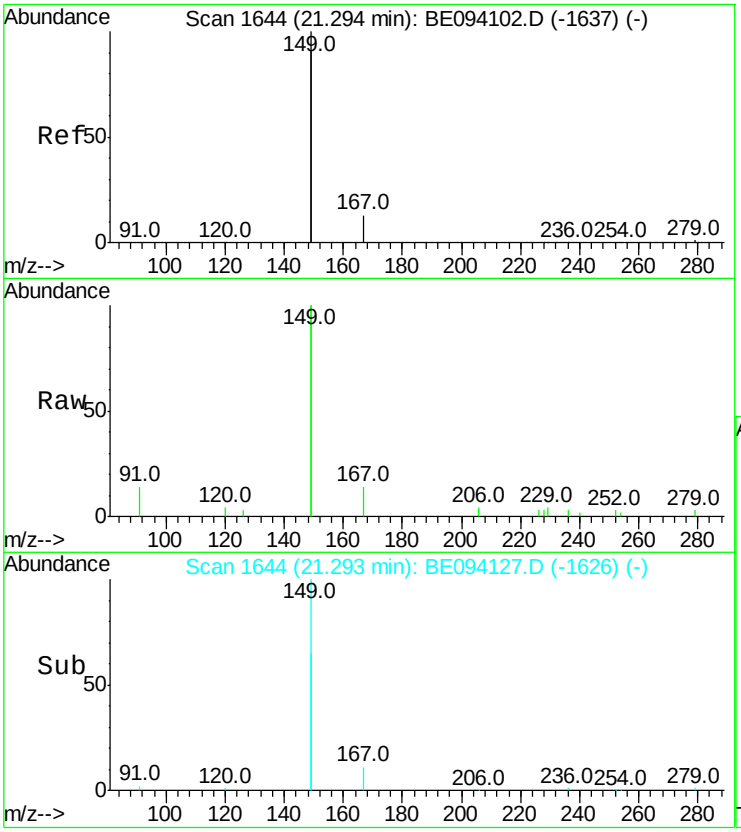


#31
Chrysene
Concen: 1.461 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:228 Resp: 21150

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.6	35.4
229	22.4	16.4	24.6



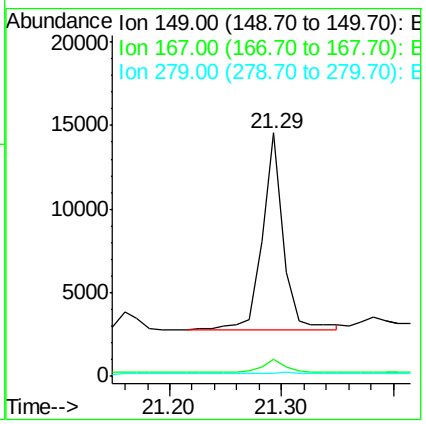


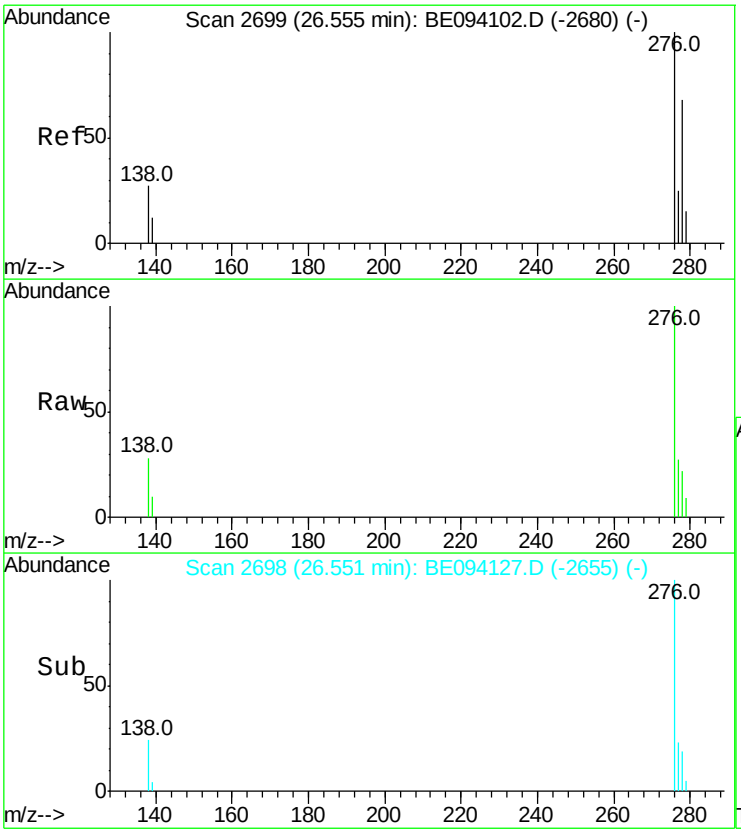
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.161 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 15369

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.0	0.7	1.1

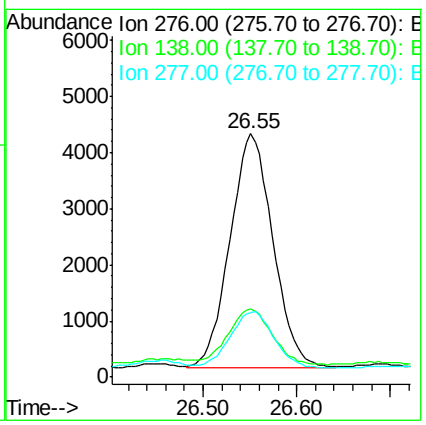


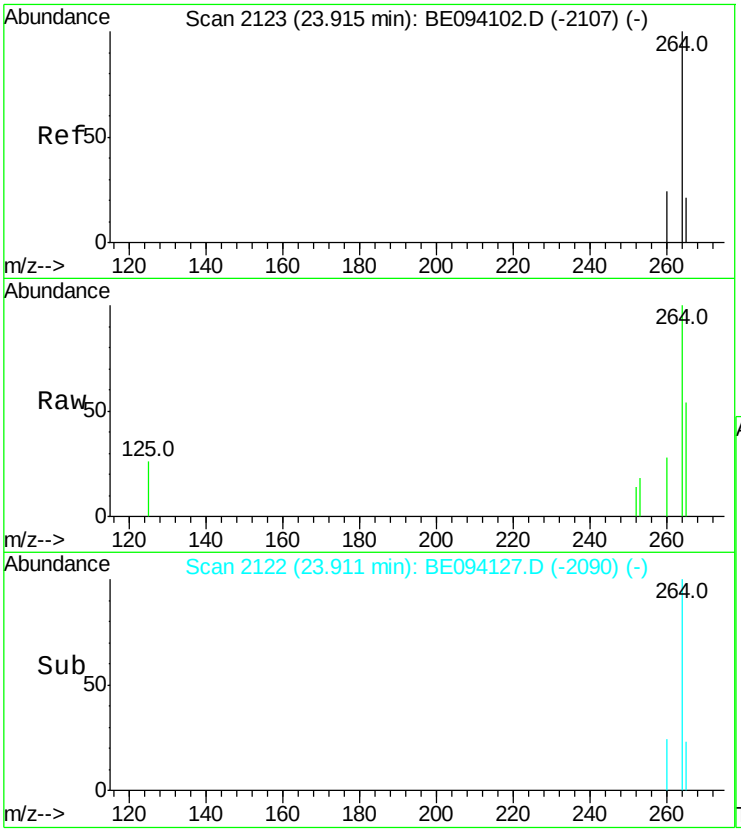


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.858 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:276 Resp: 13292

Ion	Ratio	Lower	Upper
276	100		
138	24.7	22.5	33.7
277	24.5	19.9	29.9



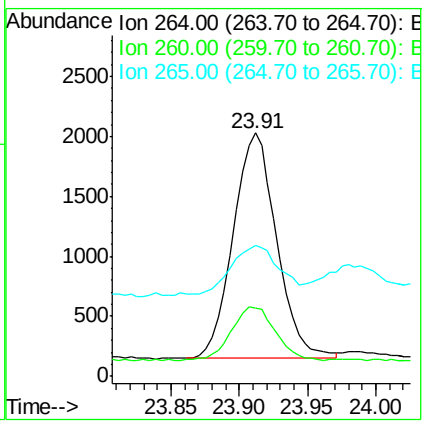


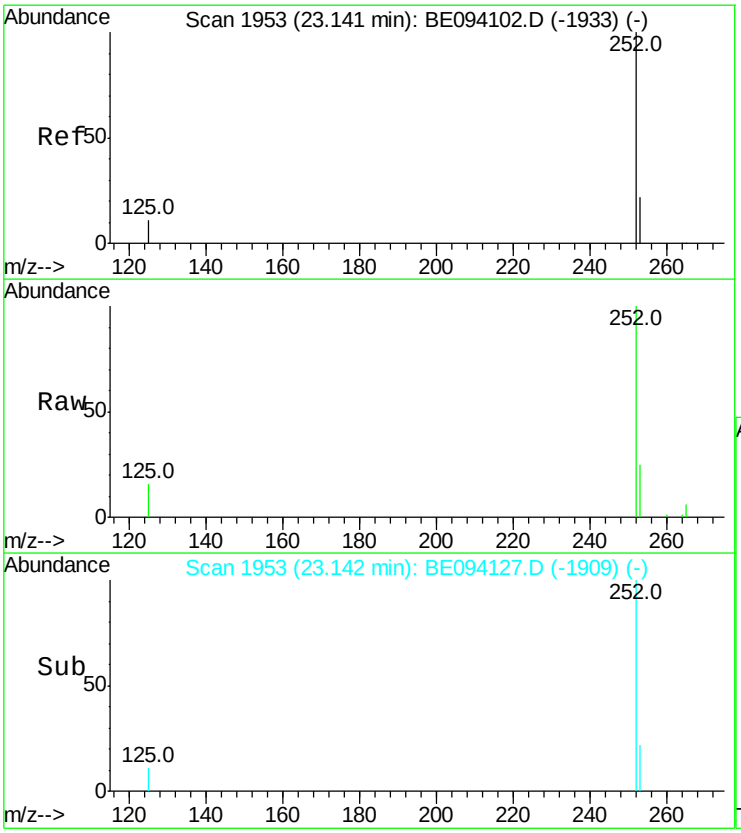
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 4127

Ion	Ratio	Lower	Upper
264	100		
260	28.2	20.5	30.7
265	54.0	22.8	34.2#

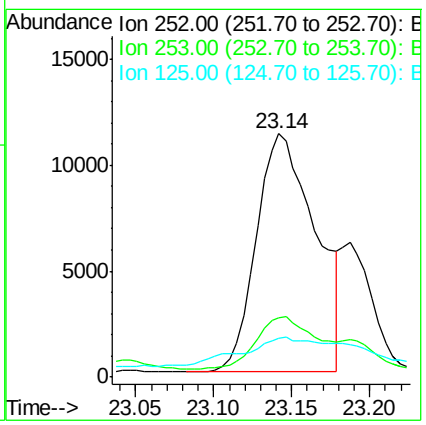


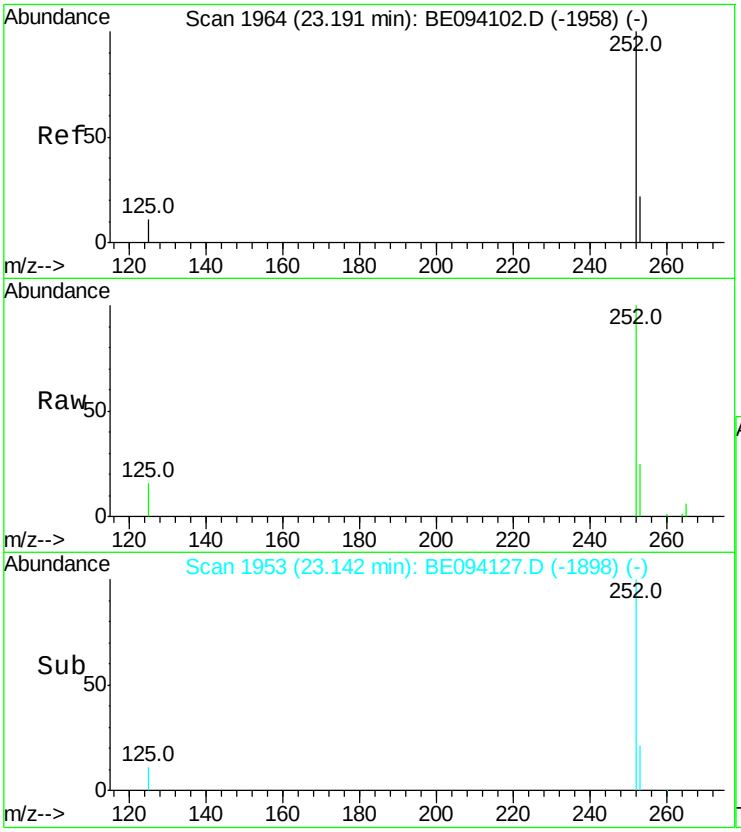


#35
Benzo(b)fluoranthene
Concen: 1.993 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:252 Resp: 29672

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	15.7	10.1	15.1#



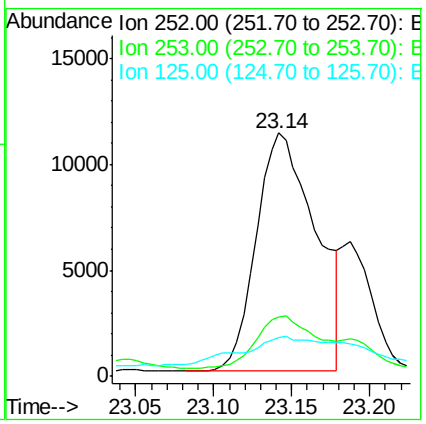


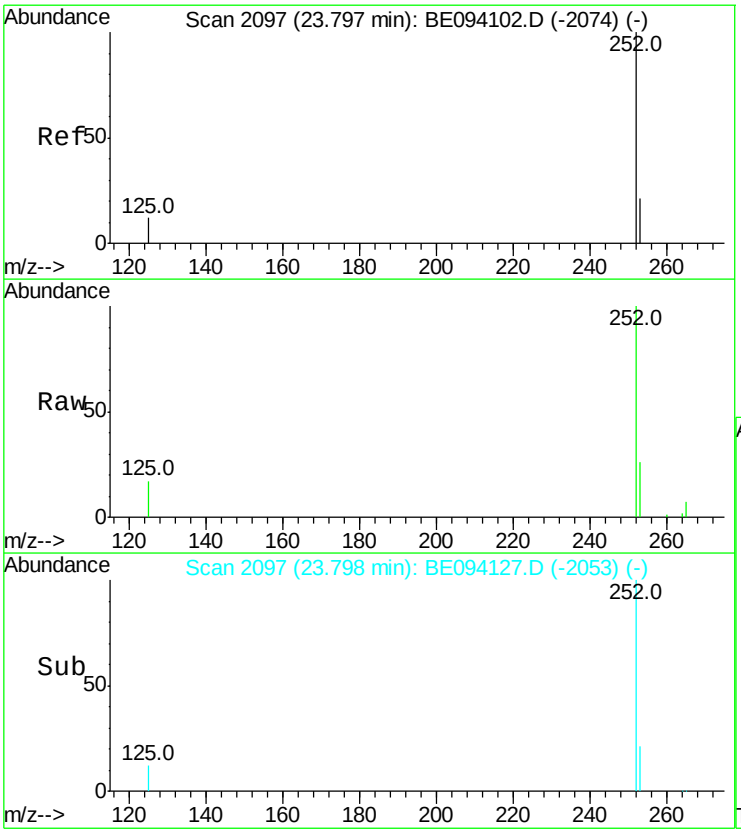
#36
Benzo(k)fluoranthene
Concen: 2.081 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 29672

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	27.8
125	15.7	10.7	16.1

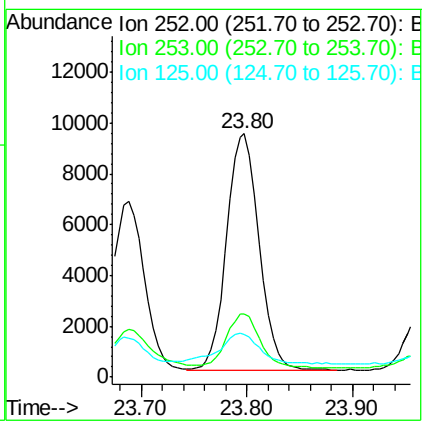


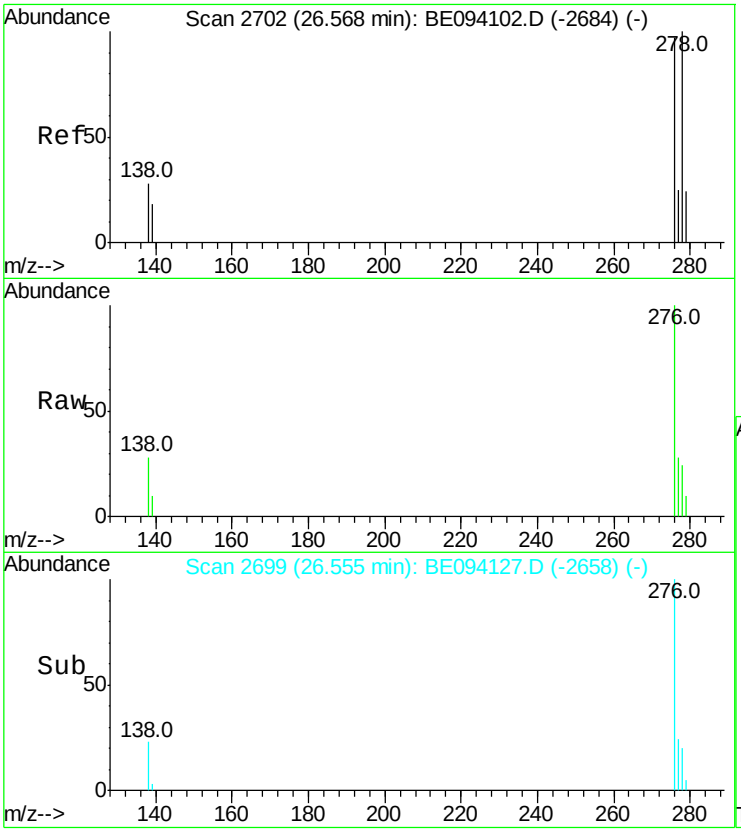


#37
Benzo(a)pyrene
Concen: 1.481 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:252 Resp: 19930

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.0	28.6
125	17.4	11.8	17.8



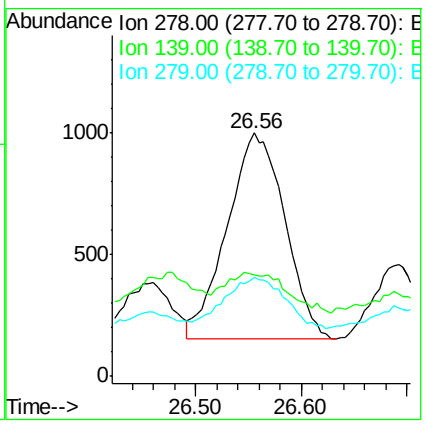


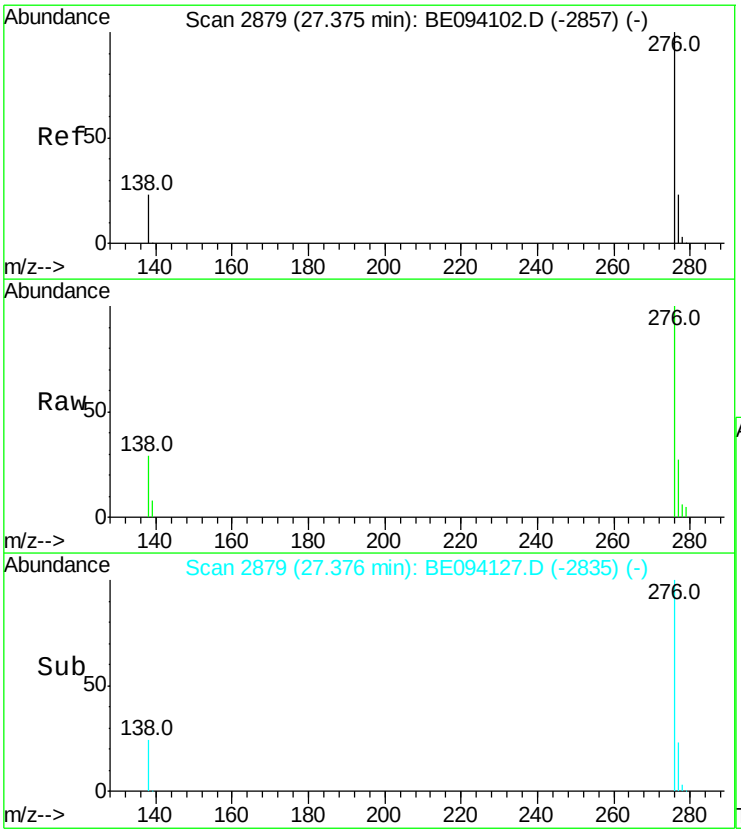
#38
Dibenzo(a,h)anthracene
Concen: 0.251 ng
RT: 26.56 min Scan# 2699
Delta R.T. -0.01 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 3200

Ion	Ratio	Lower	Upper
278	100		
139	41.8	16.3	24.5#
279	40.4	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 1.080 ng
RT: 27.38 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BE094127.D
Acq: 26 Sep 2017 11:36

Tgt Ion:276 Resp: 13628

Ion	Ratio	Lower	Upper
276	100		
277	26.7	20.8	31.2
138	29.3	21.5	32.3