Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094109.D
Acq On : 25 Sep 2017 19:17
Operator : SJ/JU
Sample : I5340-06RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LT-TS-006RE

Quant Time: Sep 26 01:35:45 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	20	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	51	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	58	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	442	0.40	ng	0.00
27) Chrysene-d12	21.42	240	87	0.40	ng	0.01
34) Perylene-d12	23.92	264	8	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	23	0.30	ng	0.00
5) Phenol-d6	7.10	99	41	0.39	ng	0.01
8) Nitrobenzene-d5	9.06	82	52	1.05	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	29	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	14	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	34	0.18	ng	0.00
25) Fluoranthene-d10	19.27	212	176	0.04	ng	0.00
29) Terphenyl-d14	19.85	244	138	0.87	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.79	42	44	0.883	ng	# 1
6) bis(2-Chloroethyl)ether	7.34	93	38	0.466	ng	# 1
9) Naphthalene	10.74	128	226	0.392	ng	# 50
10) Hexachlorobutadiene	11.03	225	9	0.417	ng	# 49
12) 2-Methylnaphthalene	12.35	142	2	0.021	ng	# 44
16) Acenaphthylene	14.21	152	65	0.224	ng	# 61
17) Acenaphthene	14.57	154	12	0.066	ng	# 1
18) Fluorene	15.56	166	33	0.134	ng	# 1
20) 4-Bromophenyl-phenylether	16.32	248	12	0.066	ng	# 39
22) Pentachlorophenol	16.91	266	23	0.219	ng	96
23) Phenanthrene	17.27	178	211	0.187	ng	# 74
24) Anthracene	17.27	178	211	0.178	ng	# 74
26) Fluoranthene	19.30	202	327	0.258	ng	# 93
28) Pyrene	19.66	202	352	1.277	ng	# 94
30) Benzo(a)anthracene	21.39	228	150	0.512	ng	# 1
31) Chrysene	21.45	228	175	0.619	ng	# 2
32) Bis(2-ethylhexyl)phthalate	21.29	149	10693	15.846	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.58	276	56	0.185	ng	# 80
35) Benzo(b)fluoranthene	23.15	252	147	5.093	ng	# 1
36) Benzo(k)fluoranthene	23.19	252	82	2.967	ng	# 1
37) Benzo(a)pyrene	23.81	252	76	2.914	ng	# 1
38) Dibenzo(a,h)anthracene	26.58	278	34	1.377	ng	# 1
39) Benzo(g,h,i)perylene	27.38	276	24	0.982	ng	# 1

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094109.D
Acq On : 25 Sep 2017 19:17
Operator : SJ/JU
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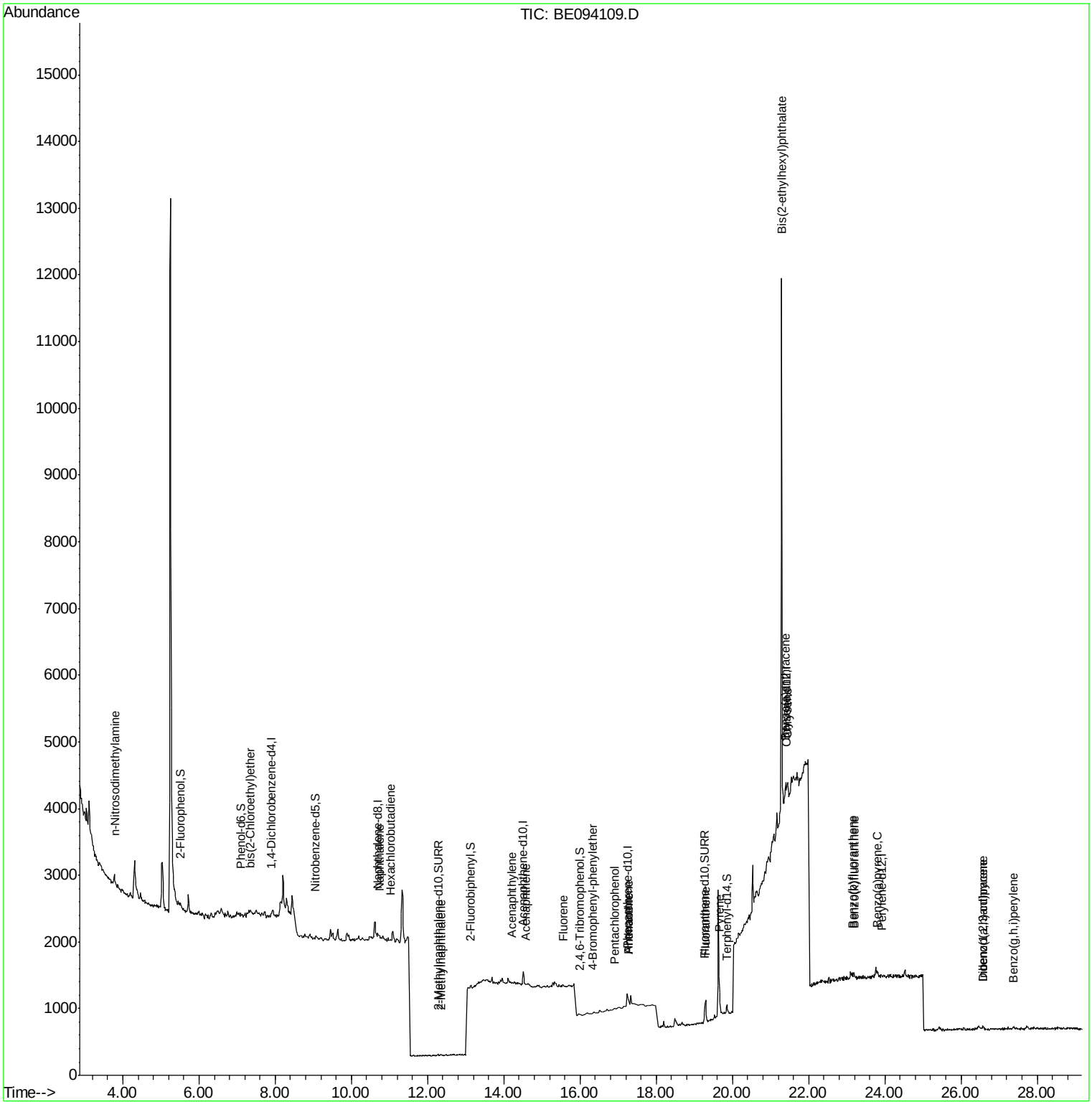
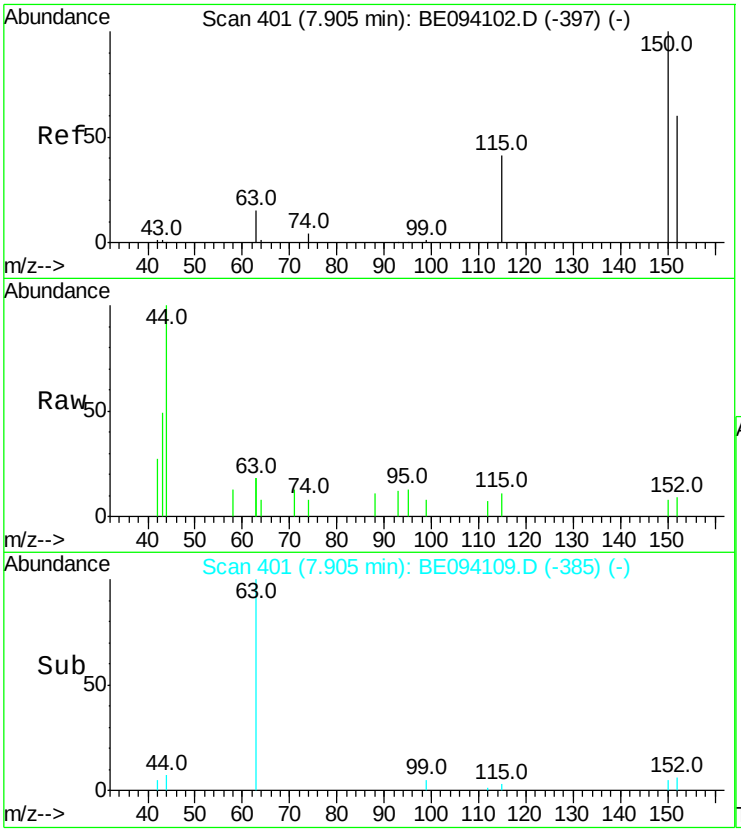
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Quant Time: Sep 26 01:35:45 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



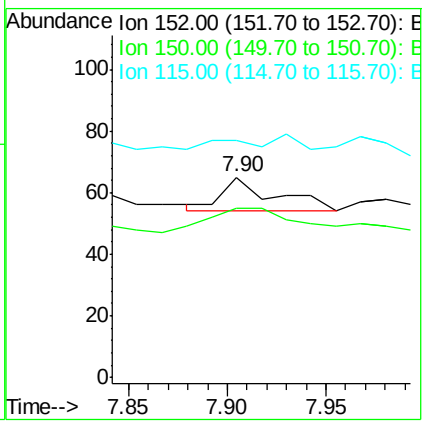


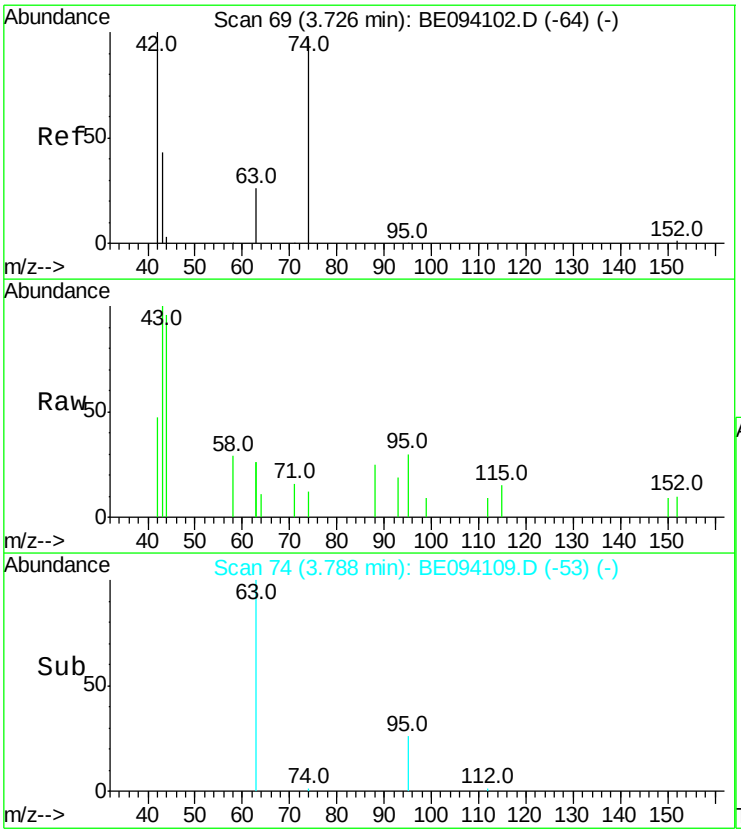
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:152 Resp: 20

Ion	Ratio	Lower	Upper
152	100		
150	84.6	117.2	175.8#
115	118.5	57.0	85.6#

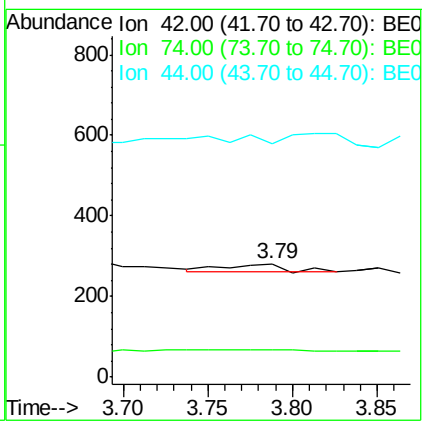


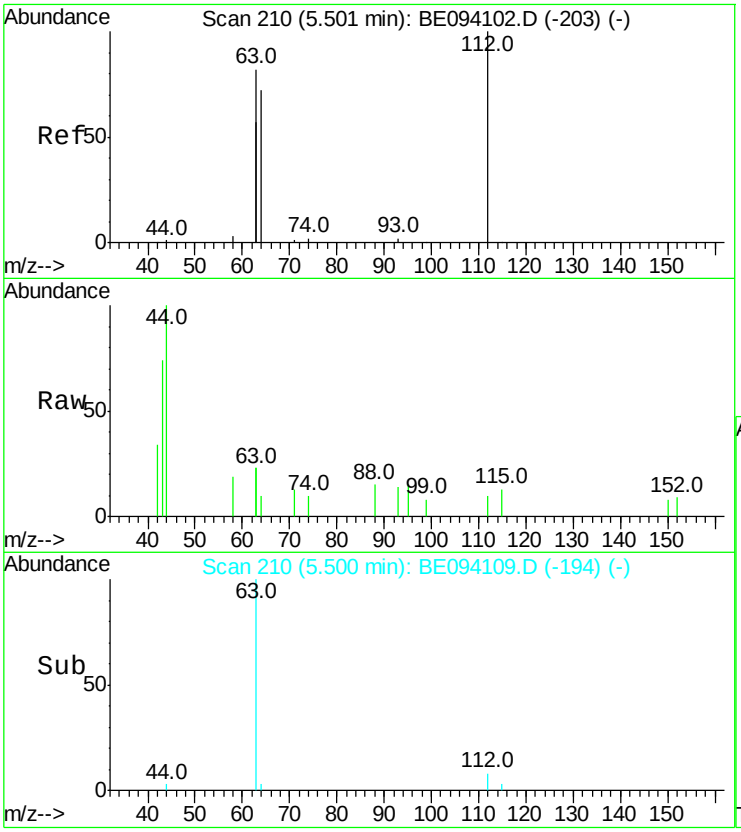


#3
n-Nitrosodimethylamine
Concen: 0.883 ng
RT: 3.79 min Scan# 74
Delta R.T. 0.06 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion: 42 Resp: 44

Ion	Ratio	Lower	Upper
42	100		
74	0.0	100.3	150.5#
44	0.0	17.0	25.4#



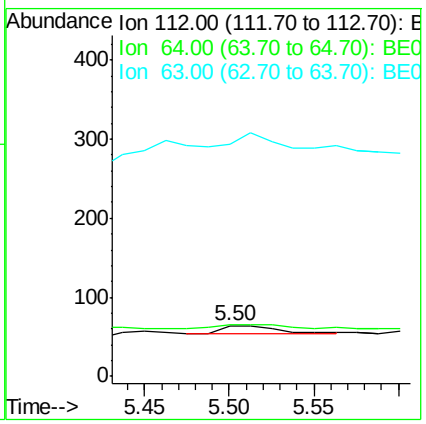


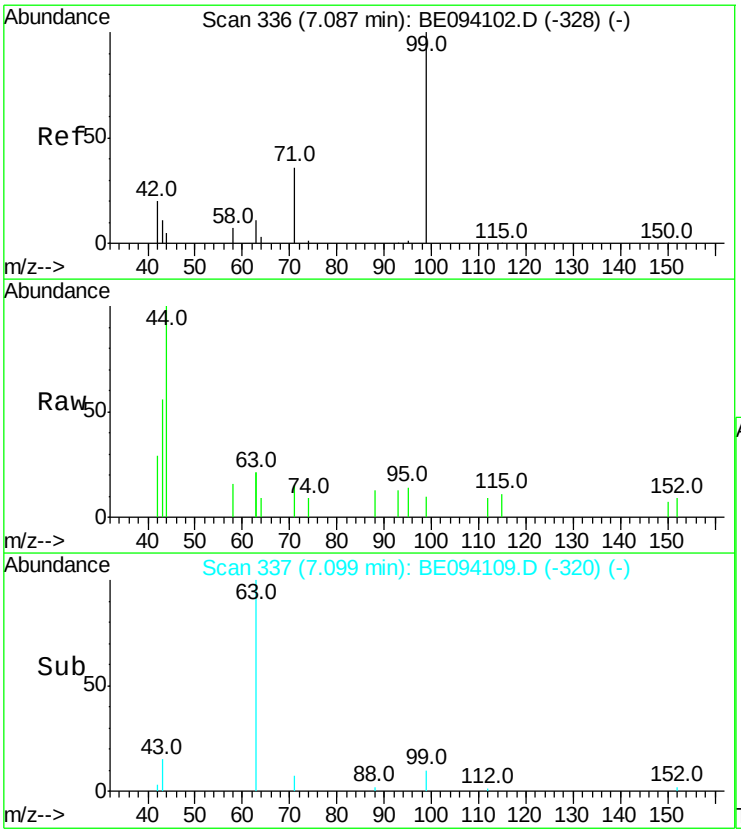
#4
2-Fluorophenol
Concen: 0.303 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:112 Resp: 23

Ion	Ratio	Lower	Upper
112	100		
64	73.9	60.1	90.1
63	447.8	116.8	175.2#

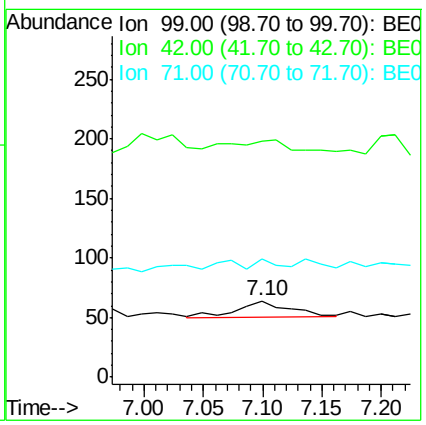


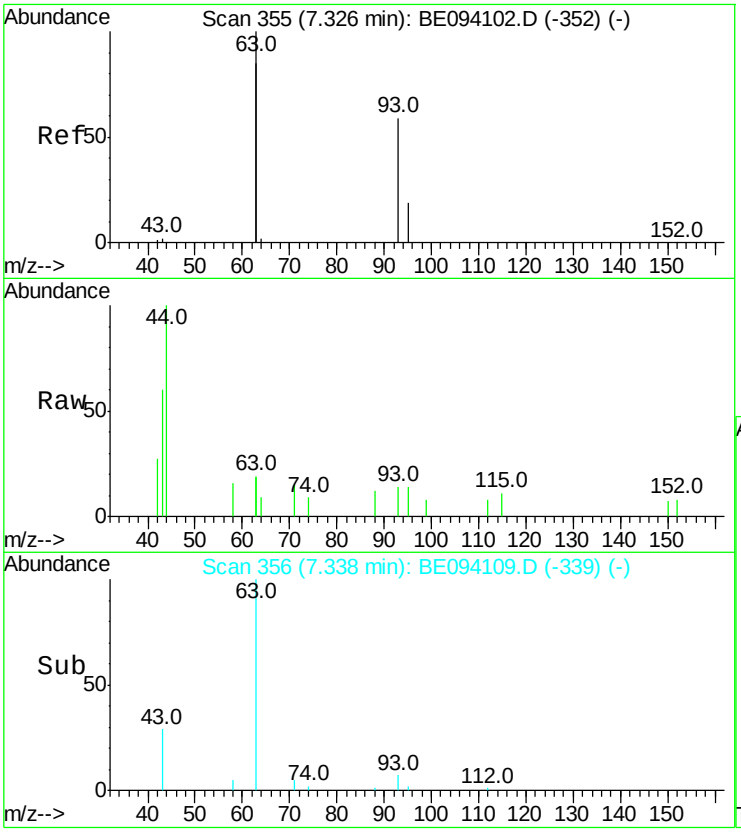


#5
Phenol-d6
Concen: 0.389 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion: 99 Resp: 41

Ion	Ratio	Lower	Upper
99	100		
42	112.2	20.2	30.2#
71	0.0	28.4	42.6#



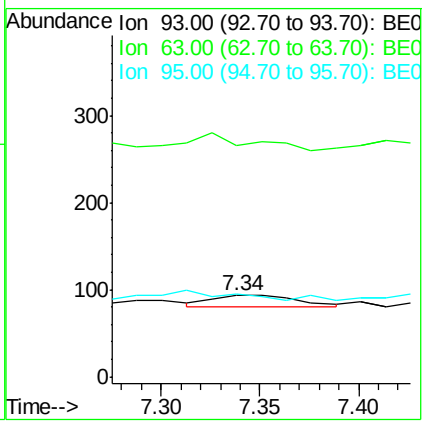


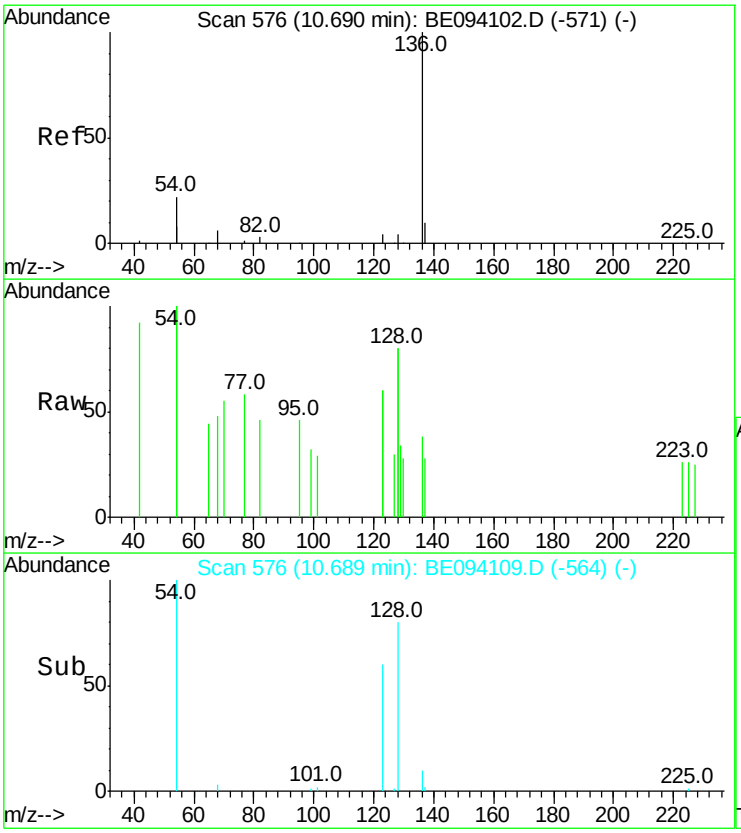
#6
bis(2-Chloroethyl)ether
Concen: 0.466 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.01 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion: 93 Resp: 38

Ion	Ratio	Lower	Upper
93	100		
63	115.8	275.3	412.9#
95	0.0	25.2	37.8#

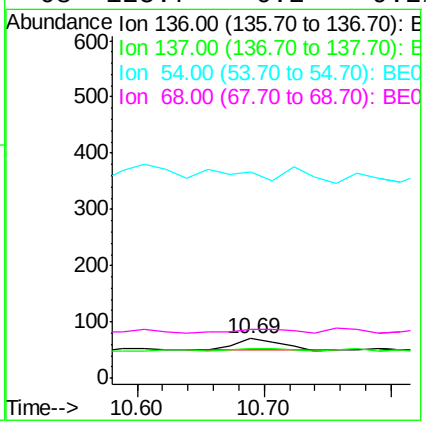


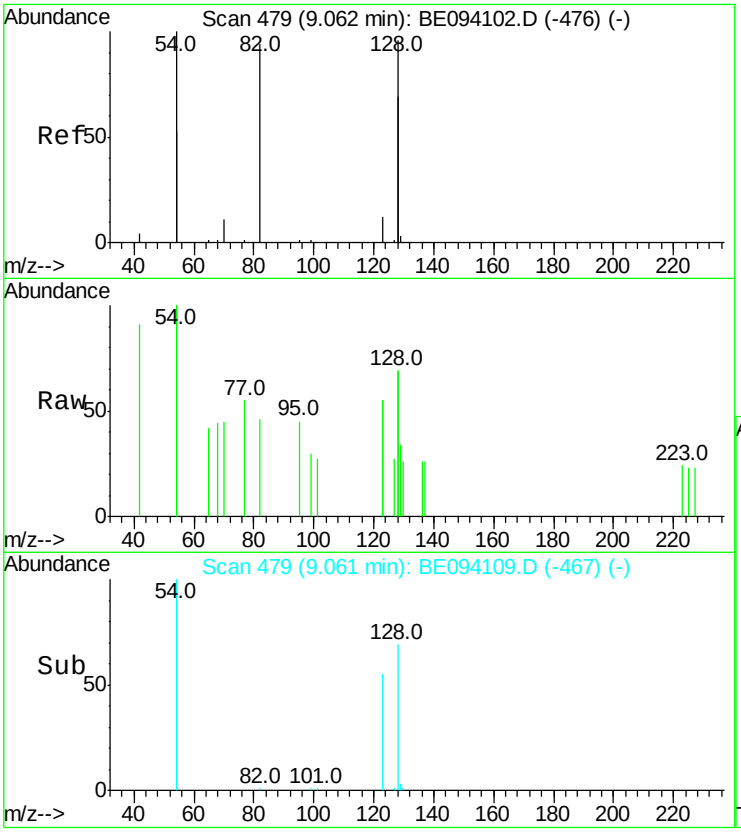


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:136 Resp: 51

Ion	Ratio	Lower	Upper
136	100		
137	74.3	9.5	14.3#
54	522.9	29.1	43.7#
68	125.7	6.2	9.2#



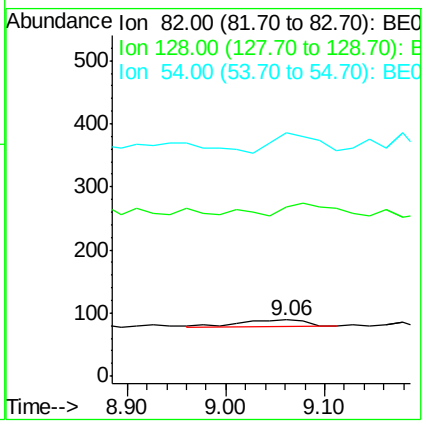


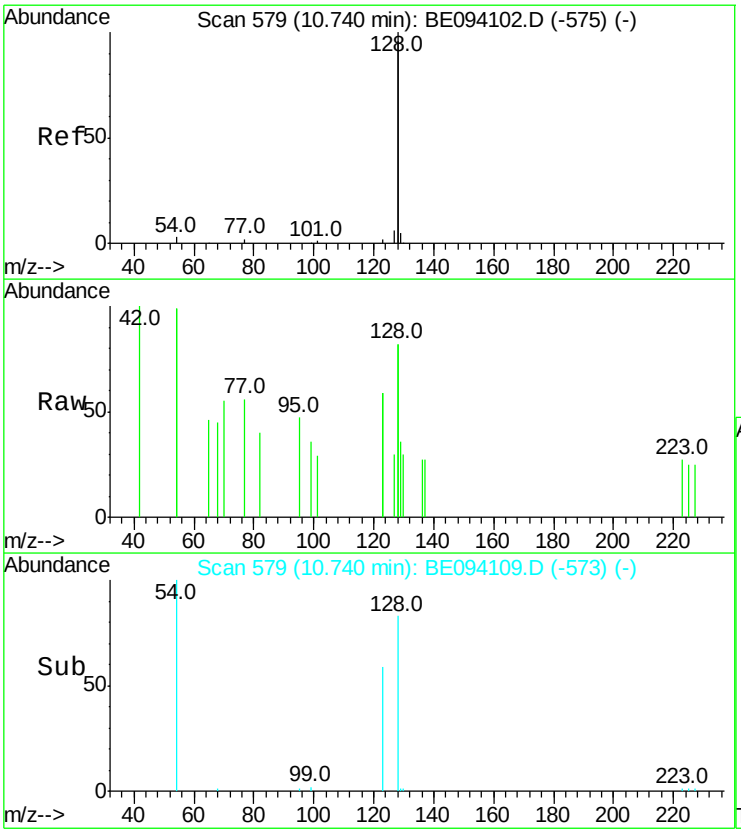
#8
Nitrobenzene-d5
Concen: 1.054 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion: 82 Resp: 52

Ion	Ratio	Lower	Upper
82	100		
128	301.1	150.0	225.0#
54	433.7	154.2	231.4#

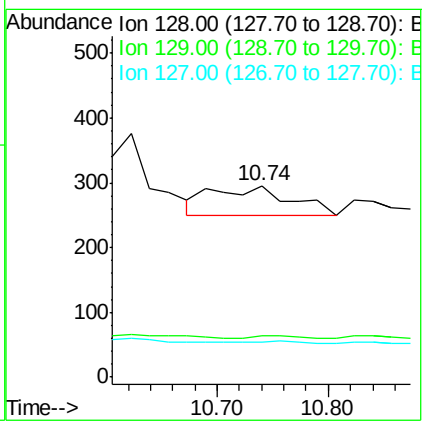


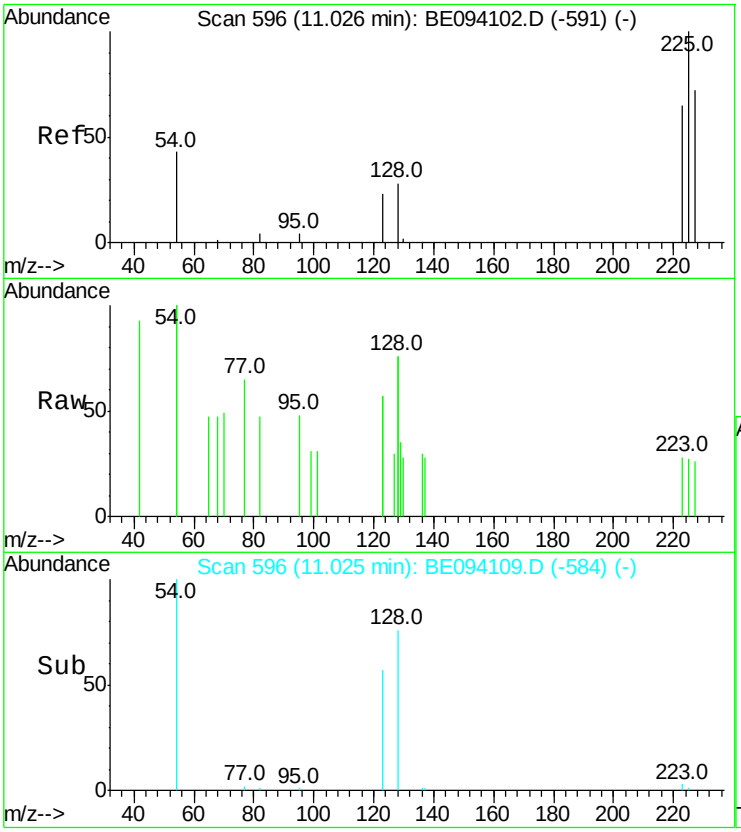


#9
Naphthalene
Concen: 0.392 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:128 Resp: 226

Ion	Ratio	Lower	Upper
128	100		
129	22.0	2.6	3.8#
127	18.2	2.8	4.2#



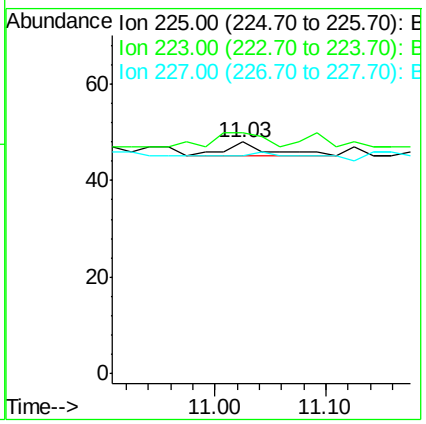


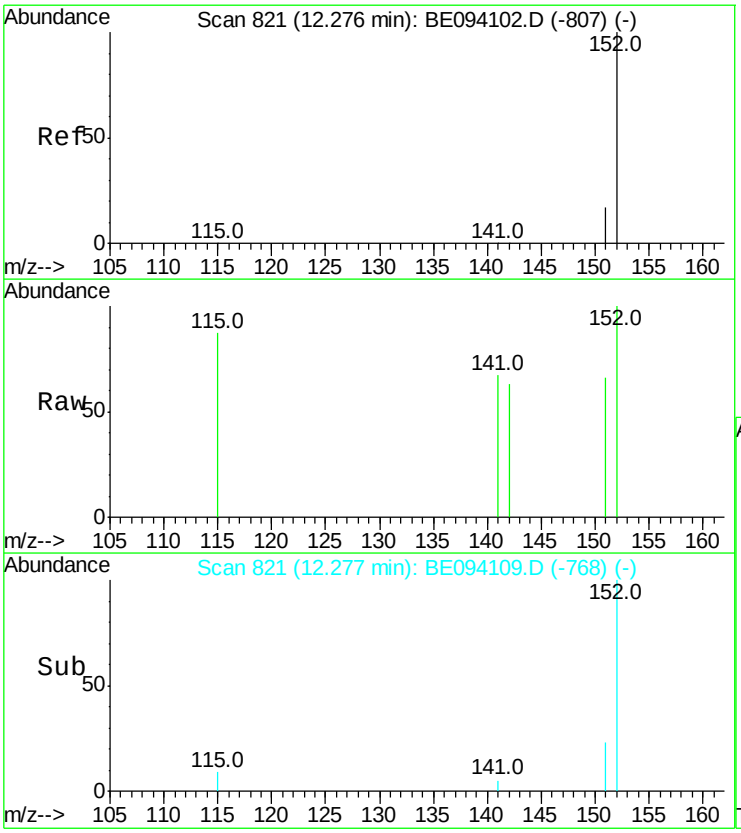
#10
Hexachlorobutadiene
Concen: 0.417 ng
RT: 11.03 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:225 Resp: 9

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	77.8	51.4	77.2#

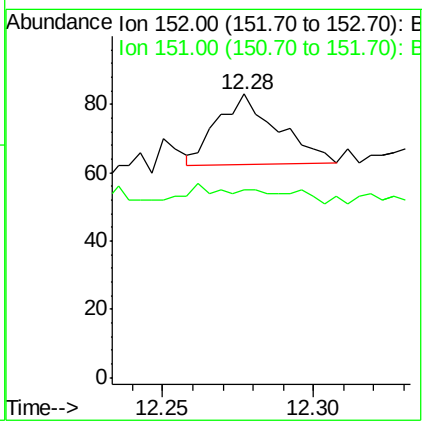


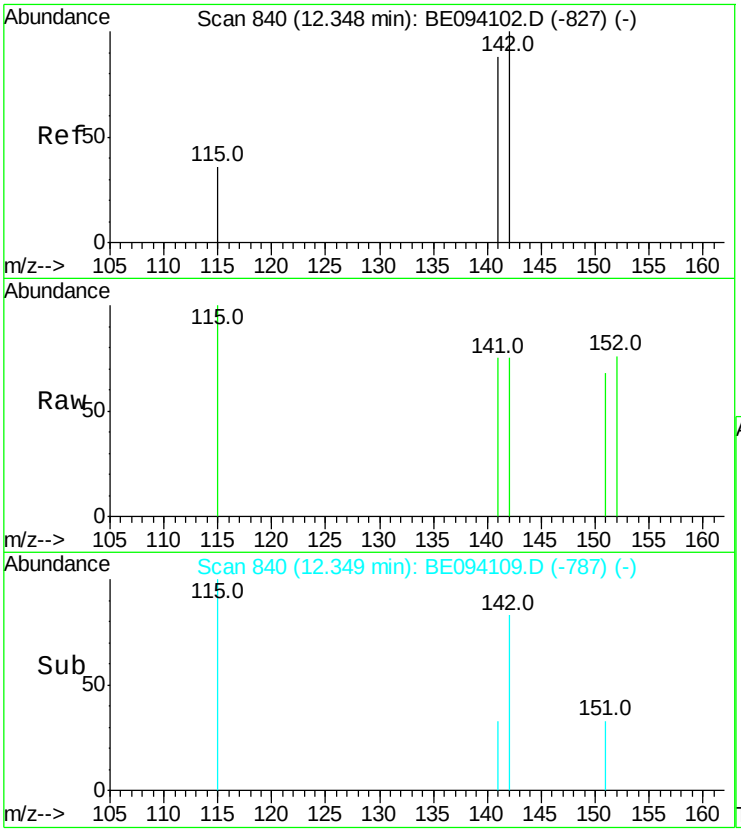


#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:152 Resp: 29

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.4	23.0#



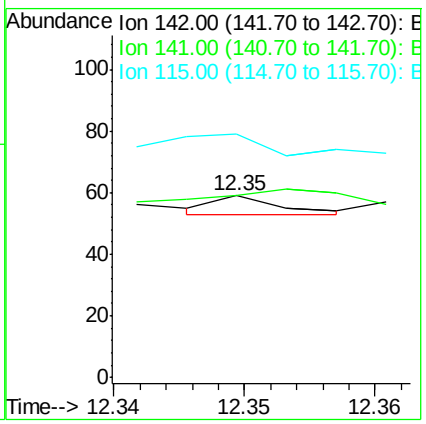


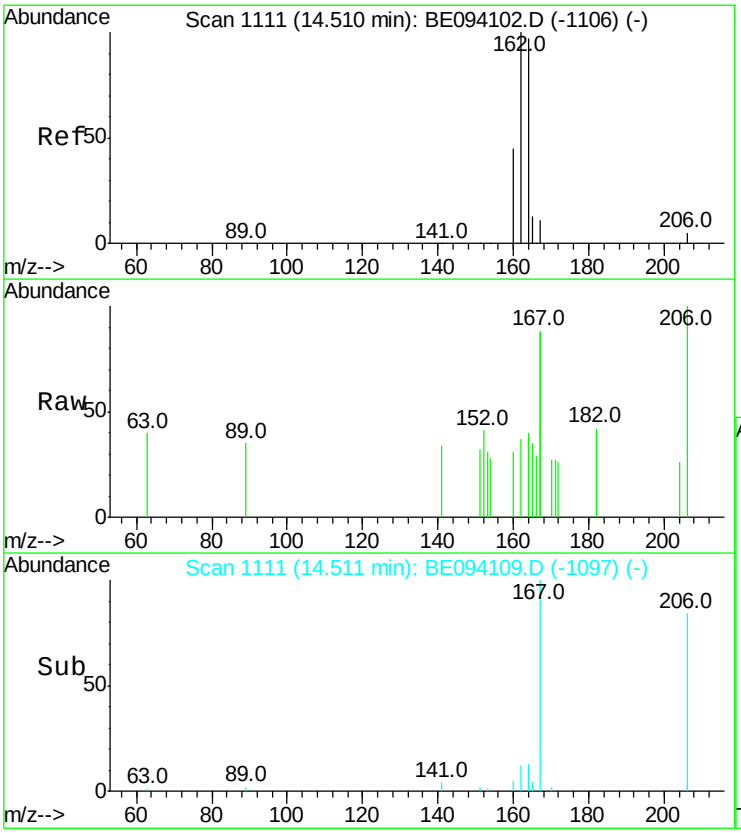
#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.35 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.4	105.6
115	133.9	31.7	47.5#

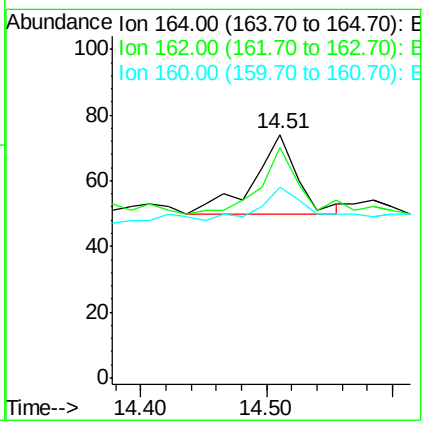


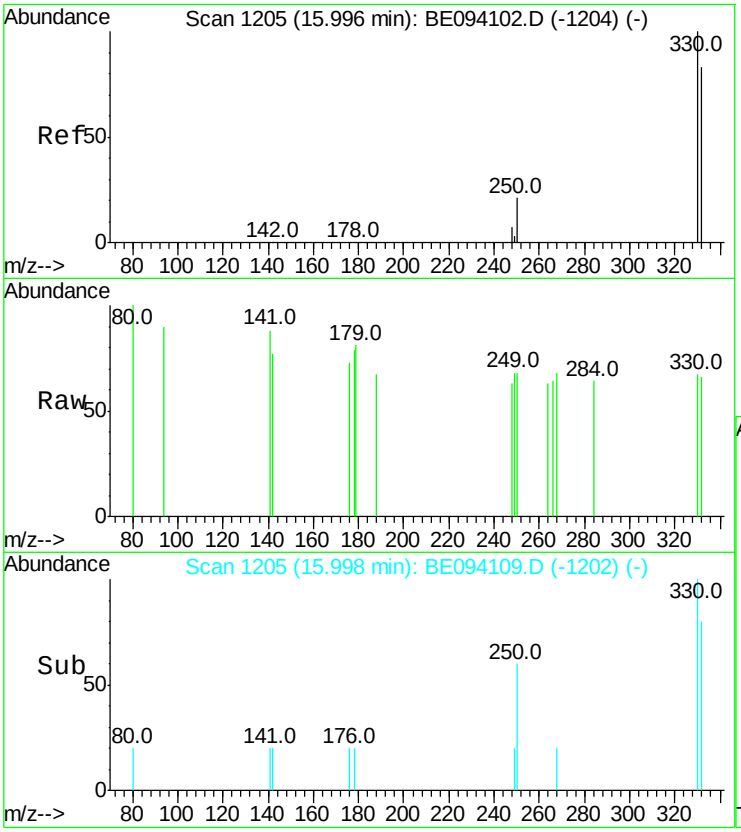


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:164 Resp: 58

Ion	Ratio	Lower	Upper
164	100		
162	94.6	83.1	124.7
160	78.4	37.1	55.7#



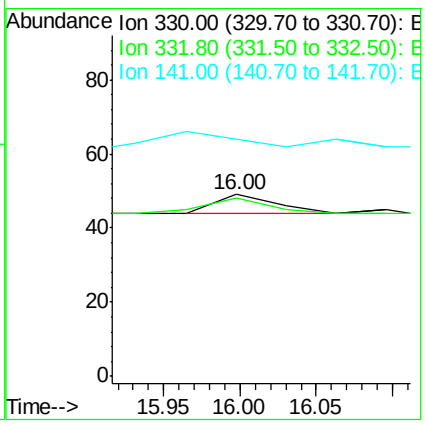


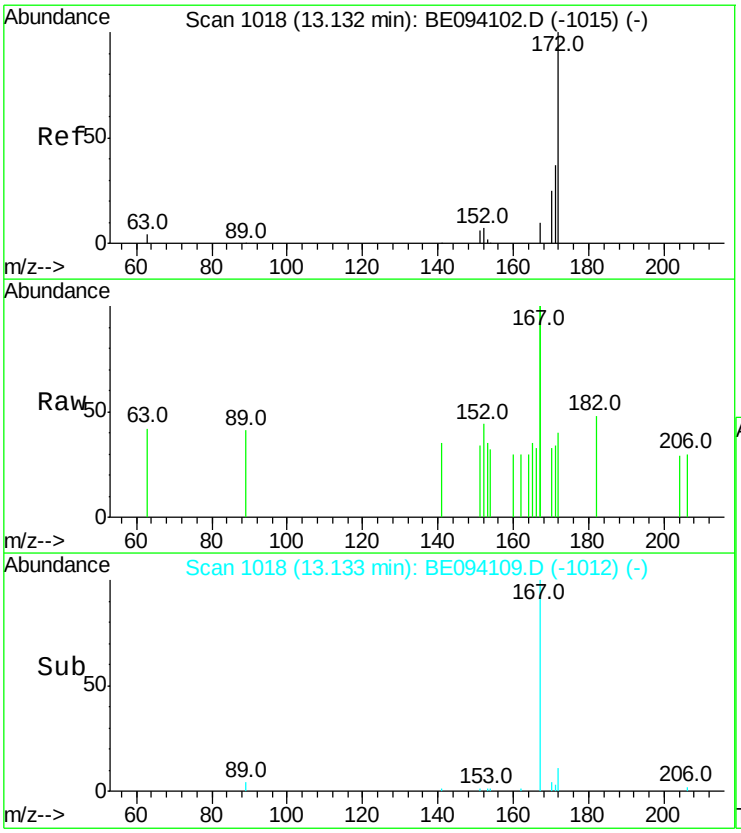
#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:330 Resp: 14

Ion	Ratio	Lower	Upper
330	100		
332	71.4	152.7	229.1#
141	0.0	33.7	50.5#

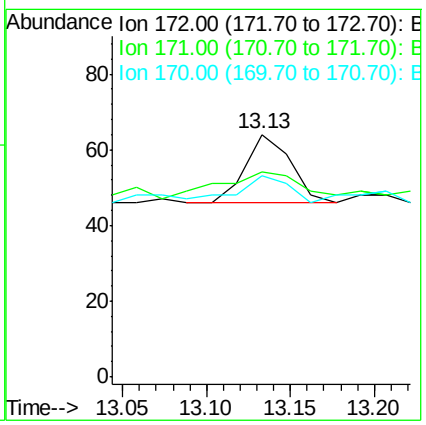


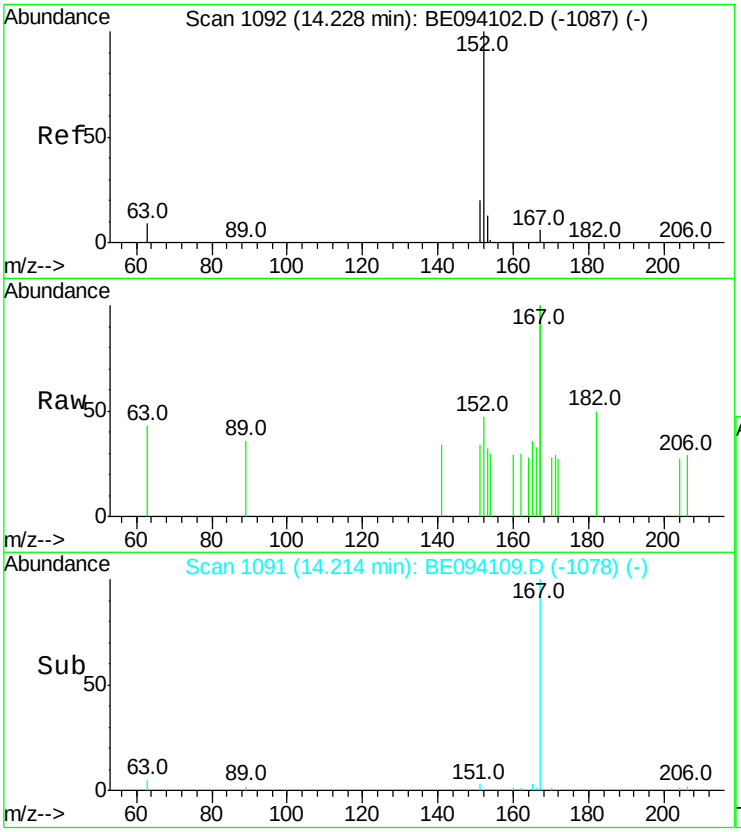


#15
2-Fluorobiphenyl
Concen: 0.177 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:172 Resp: 34

Ion	Ratio	Lower	Upper
172	100		
171	84.4	29.9	44.9#
170	82.8	21.8	32.8#



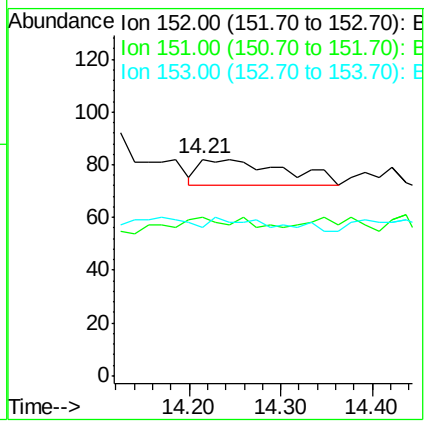


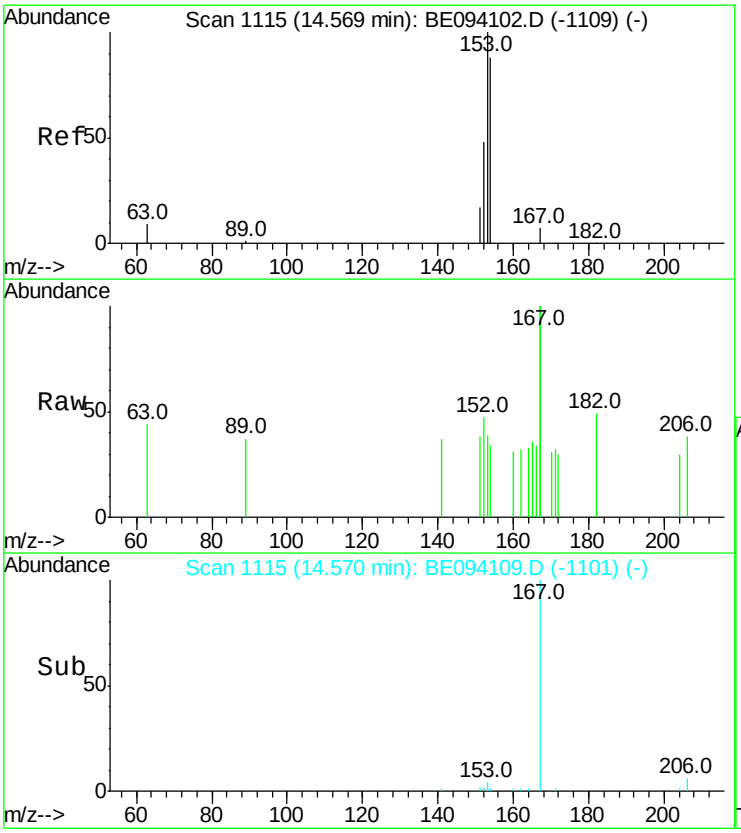
#16
Acenaphthylene
Concen: 0.224 ng
RT: 14.21 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:152 Resp: 65

Ion	Ratio	Lower	Upper
152	100		
151	35.4	15.7	23.5#
153	30.8	10.5	15.7#

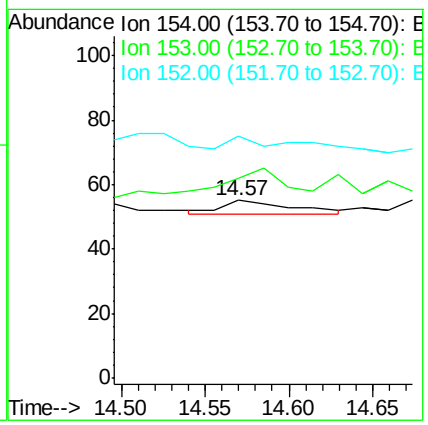


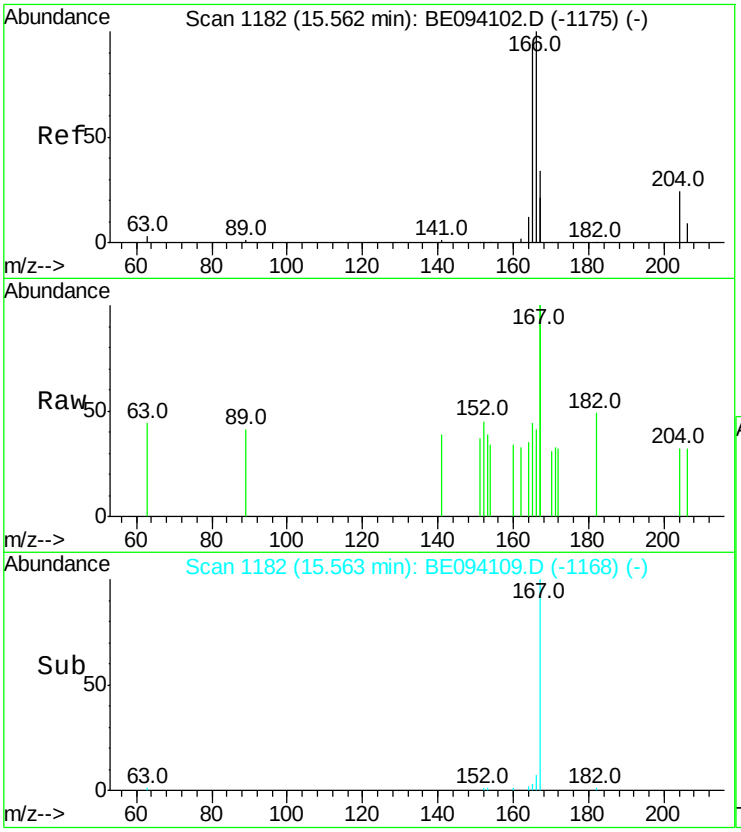


#17
Acenaphthene
Concen: 0.066 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:154 Resp: 12

Ion	Ratio	Lower	Upper
154	100		
153	183.3	89.2	133.8#
152	183.3	42.0	63.0#



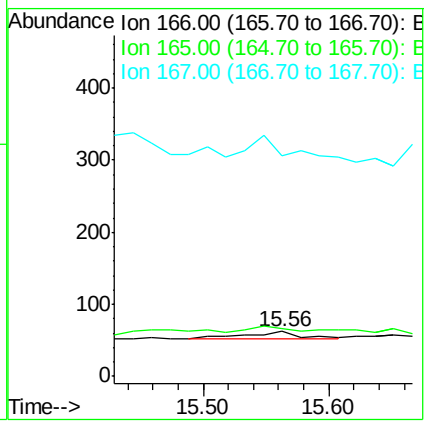


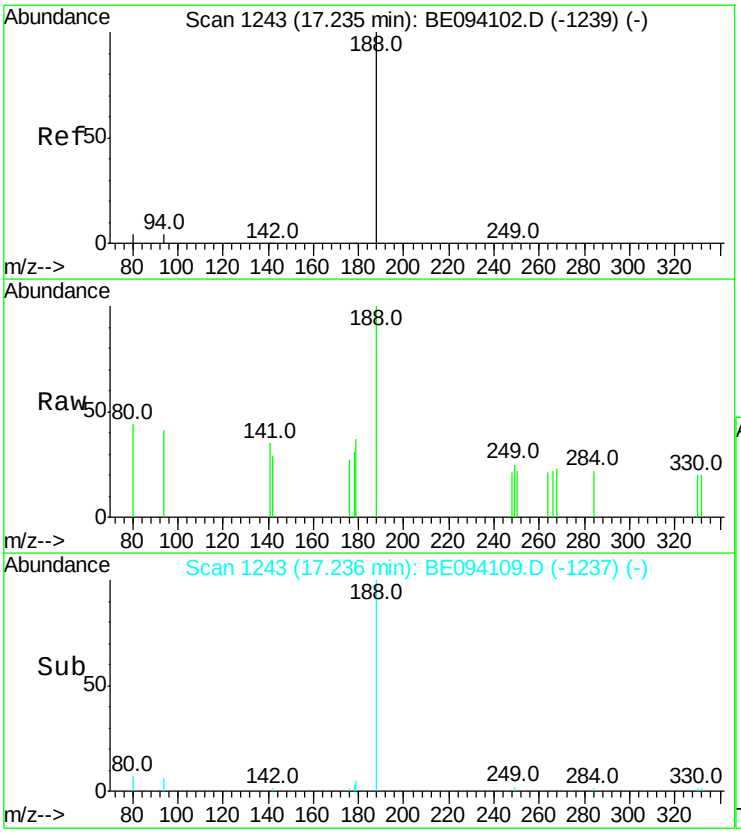
#18
Fluorene
Concen: 0.134 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:166 Resp: 33

Ion	Ratio	Lower	Upper
166	100		
165	60.6	77.8	116.6#
167	242.4	42.4	63.6#

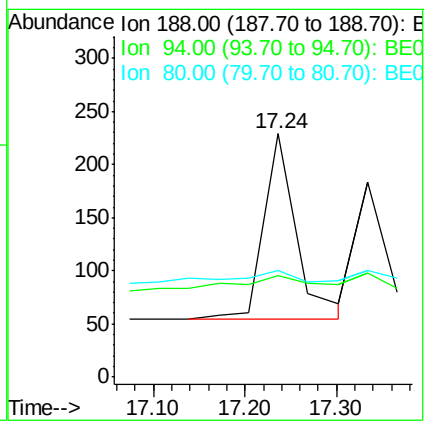


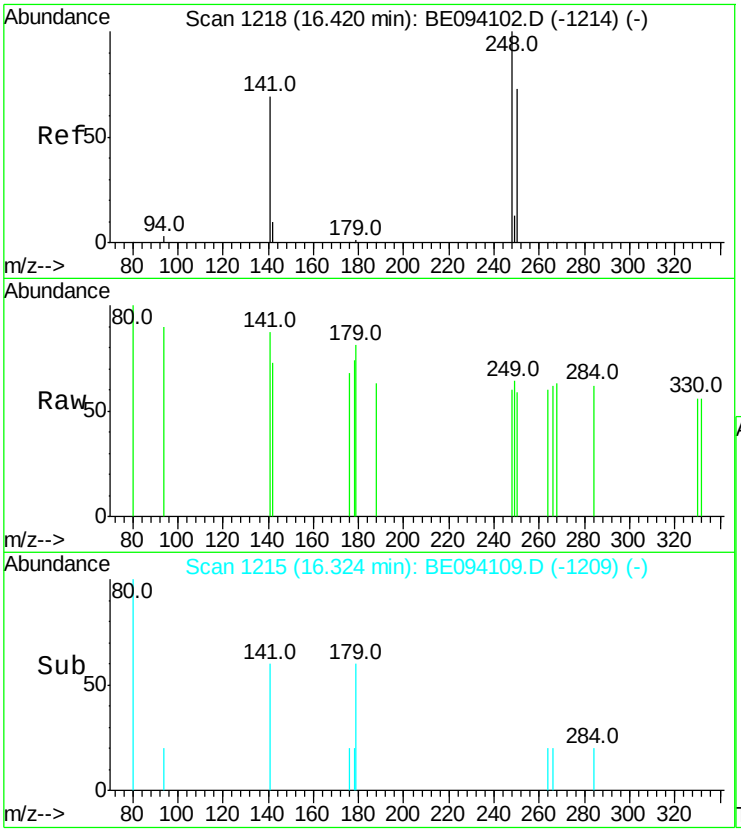


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:188 Resp: 442

Ion	Ratio	Lower	Upper
188	100		
94	41.5	3.9	5.9#
80	43.7	3.6	5.4#



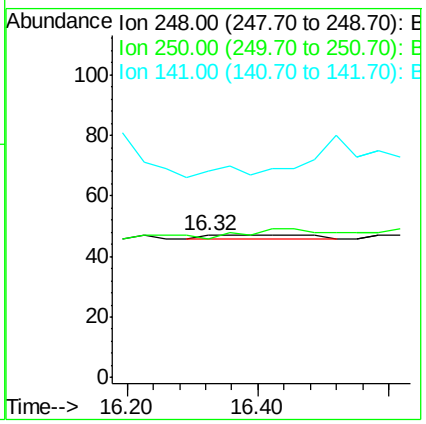


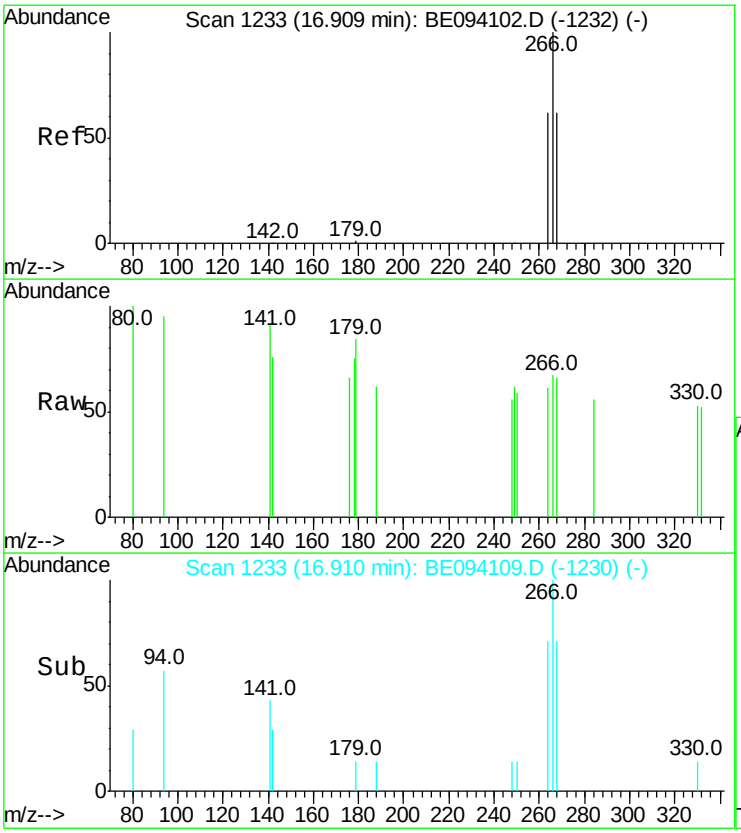
#20
4-Bromophenyl-phenylether
Concen: 0.066 ng
RT: 16.32 min Scan# 1215
Delta R.T. -0.10 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:248 Resp: 12

Ion	Ratio	Lower	Upper
248	100		
250	97.9	62.7	94.1#
141	144.7	48.2	72.2#

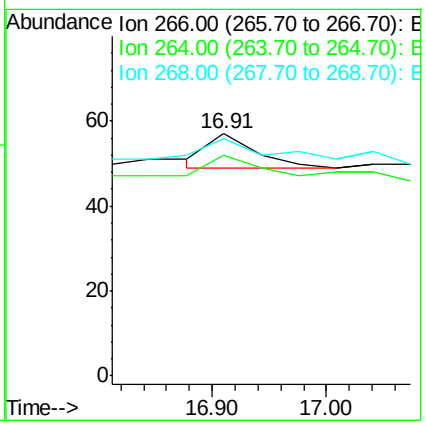


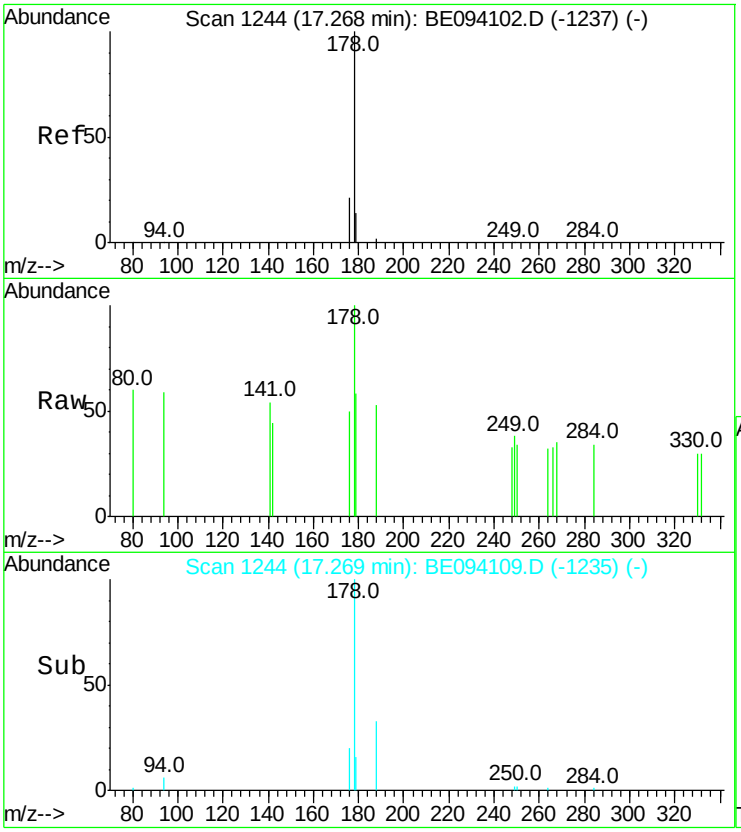


#22
Pentachlorophenol
Concen: 0.219 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:266 Resp: 23

Ion	Ratio	Lower	Upper
266	100		
264	91.2	72.5	108.7
268	98.2	73.8	110.6



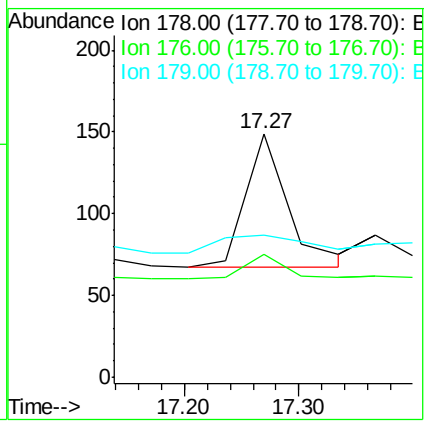


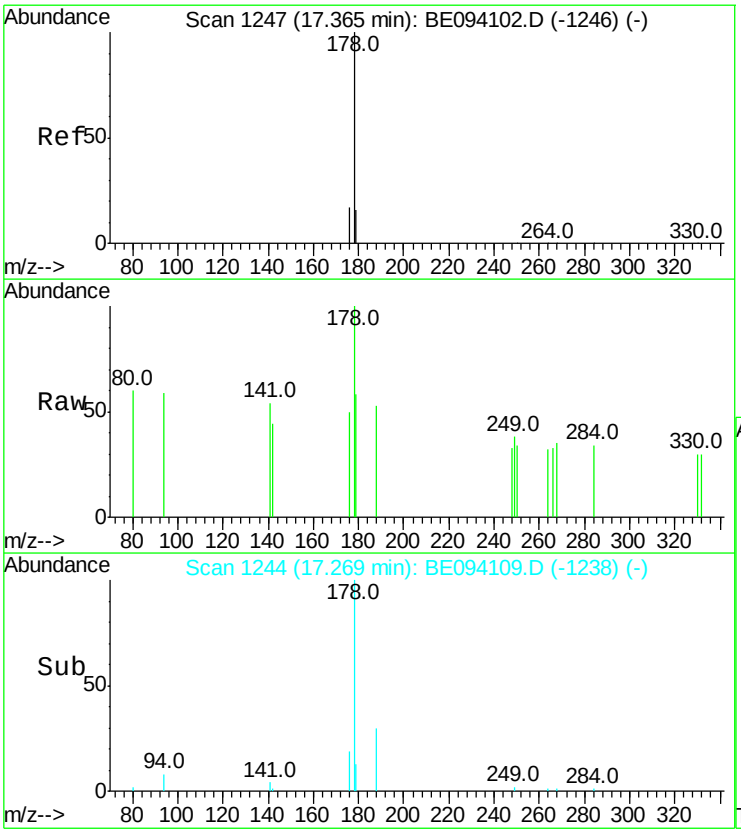
#23
Phenanthrene
Concen: 0.187 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:178 Resp: 211

Ion	Ratio	Lower	Upper
178	100		
176	28.0	15.1	22.7#
179	28.9	11.8	17.6#

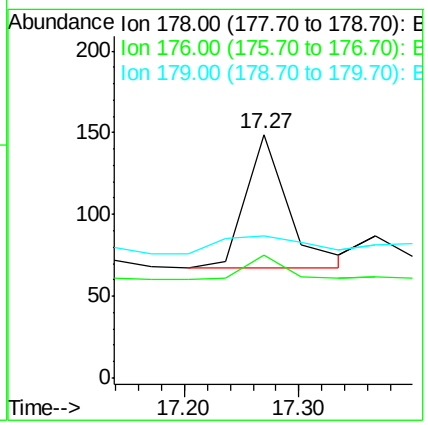


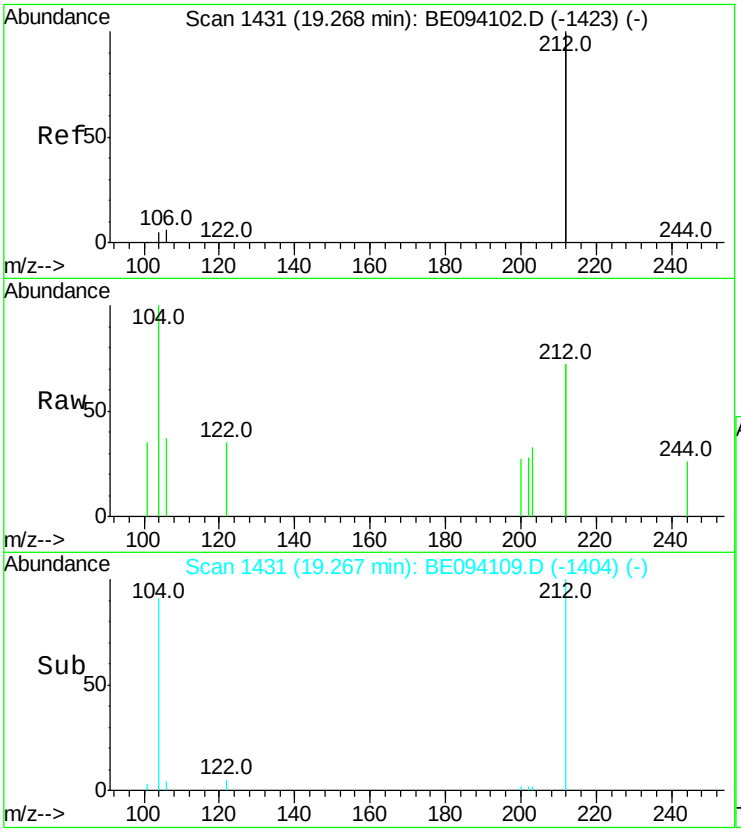


#24
Anthracene
Concen: 0.178 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.10 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:178 Resp: 211

Ion	Ratio	Lower	Upper
178	100		
176	27.0	12.8	19.2#
179	27.0	13.0	19.6#



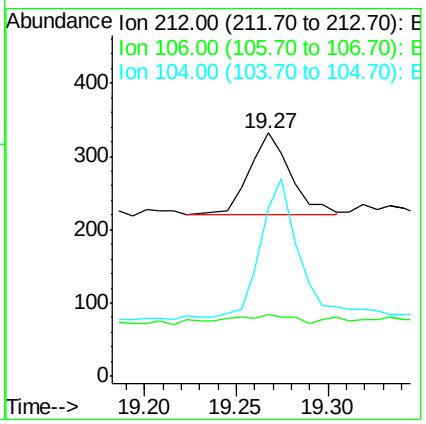


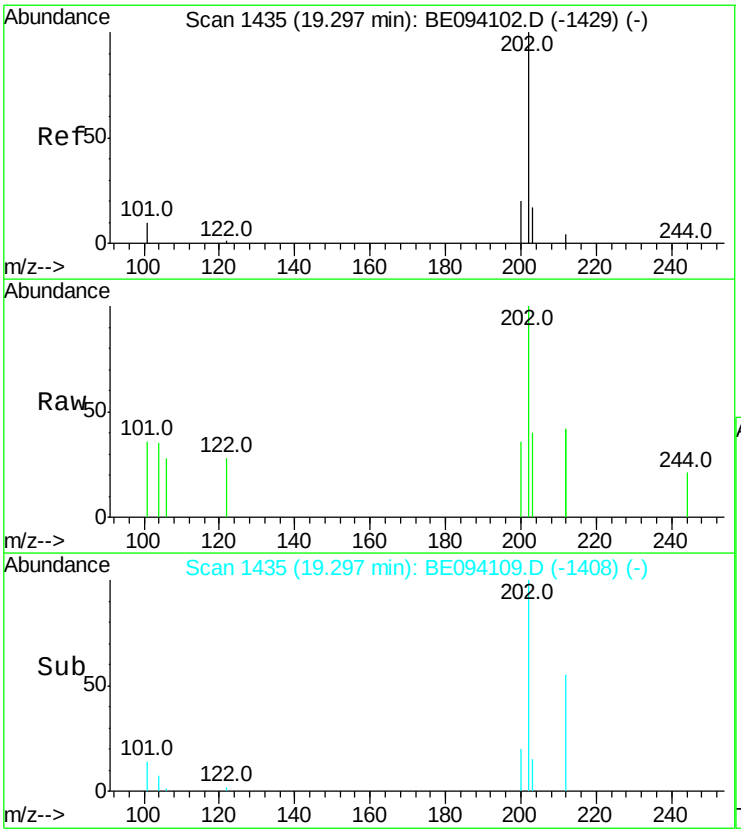
#25
Fluoranthene-d10
Concen: 0.041 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:212 Resp: 176

Ion	Ratio	Lower	Upper
212	100		
106	21.0	2.8	4.2#
104	176.7	1.6	2.4#

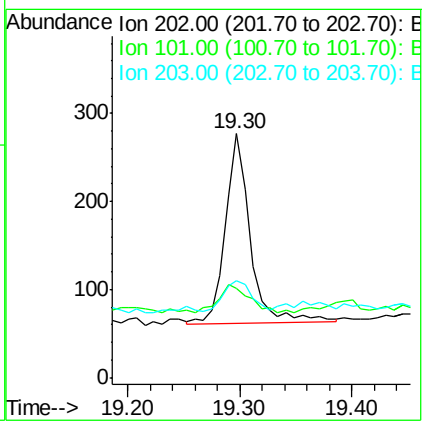


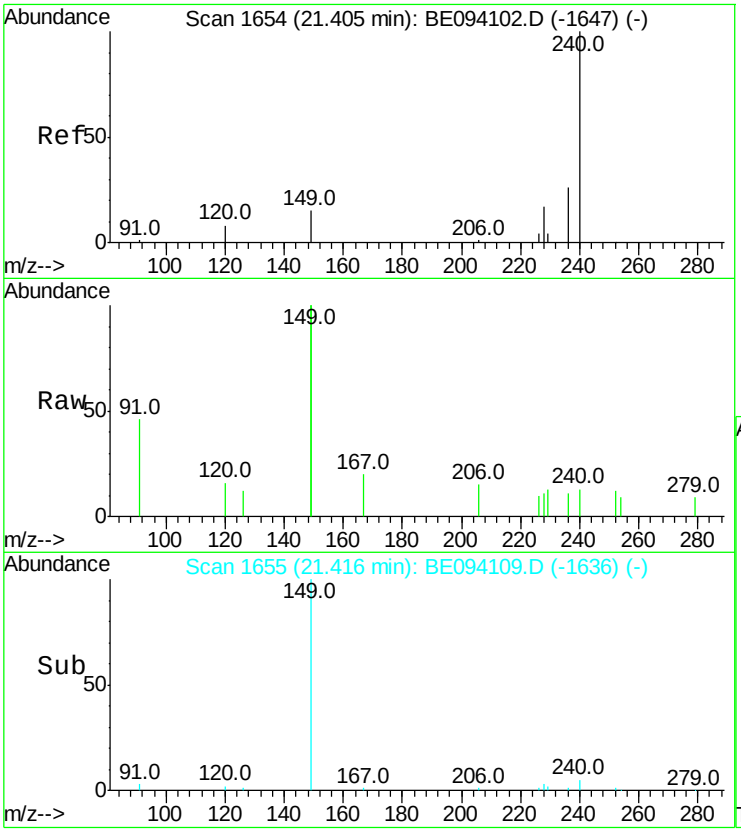


#26
Fluoranthene
Concen: 0.258 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:202 Resp: 327

Ion	Ratio	Lower	Upper
202	100		
101	17.7	9.8	14.8#
203	18.0	13.7	20.5



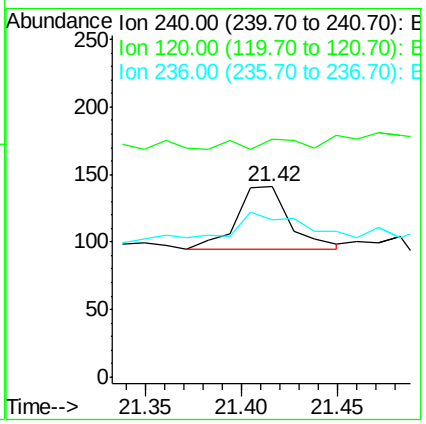


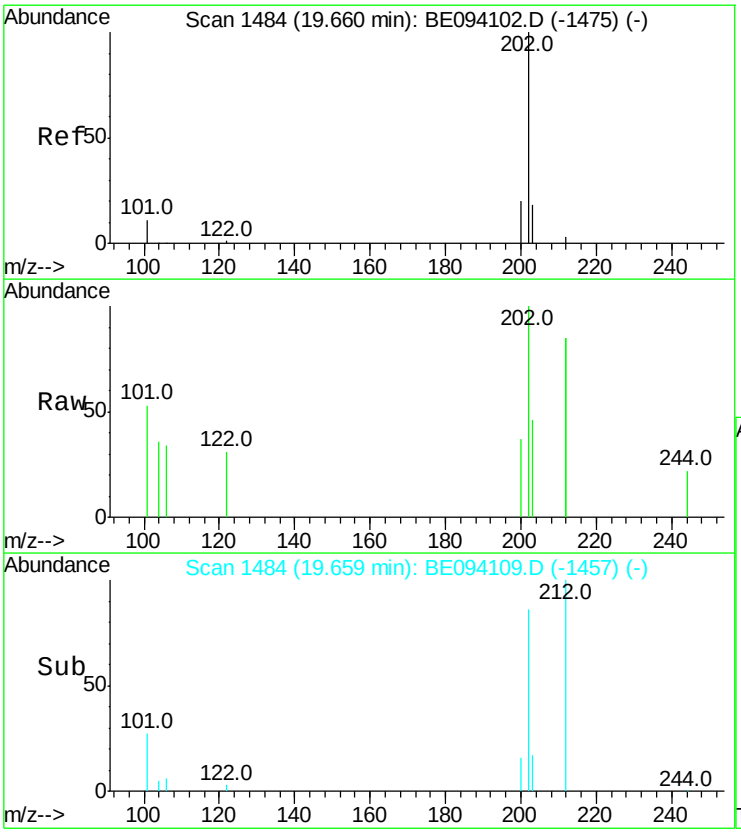
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:240 Resp: 87

Ion	Ratio	Lower	Upper
240	100		
120	124.8	5.5	8.3#
236	82.3	20.7	31.1#

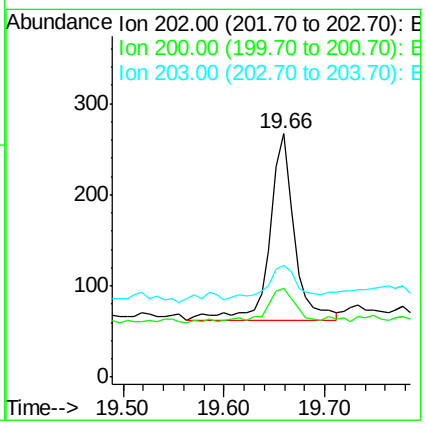


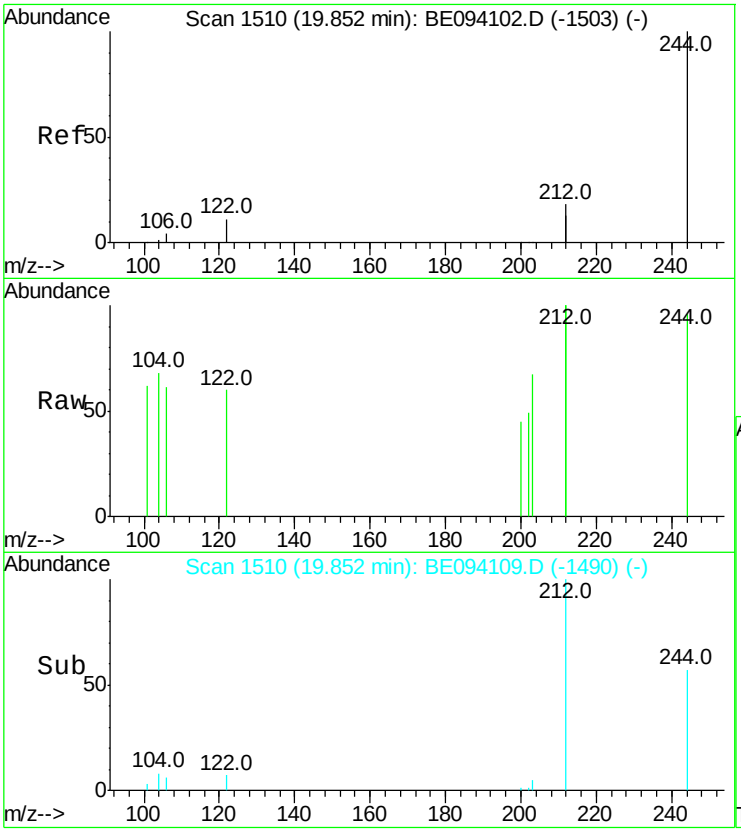


#28
Pyrene
Concen: 1.277 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:202 Resp: 352

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	22.4	13.8	20.8#



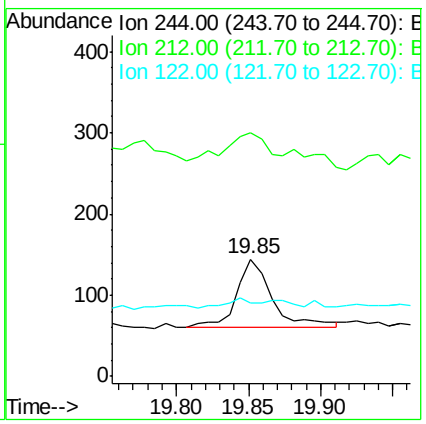


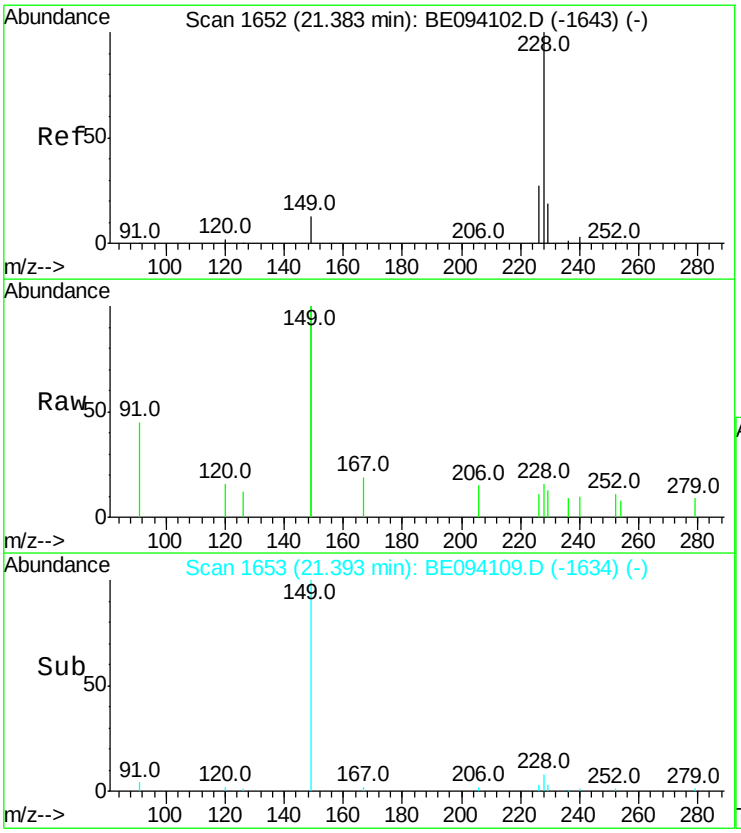
#29
Terphenyl-d14
Concen: 0.869 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:244 Resp: 138

Ion	Ratio	Lower	Upper
244	100		
212	208.3	25.4	38.0#
122	62.5	8.1	12.1#

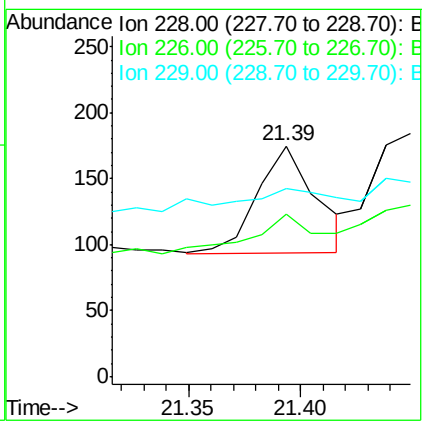


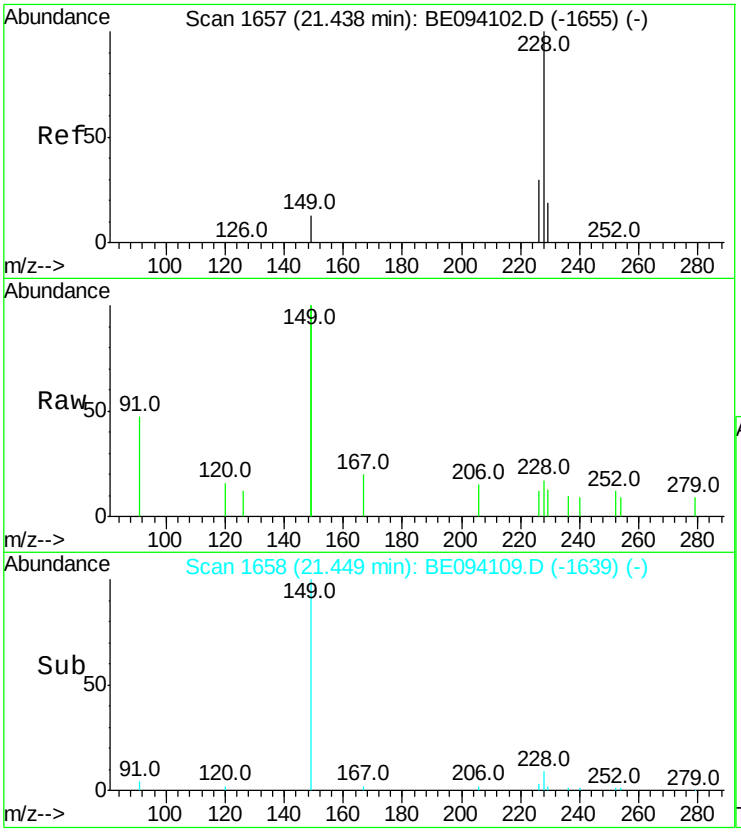


#30
Benzo(a)anthracene
Concen: 0.512 ng
RT: 21.39 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:228 Resp: 150

Ion	Ratio	Lower	Upper
228	100		
226	70.3	21.4	32.0#
229	81.7	16.4	24.6#



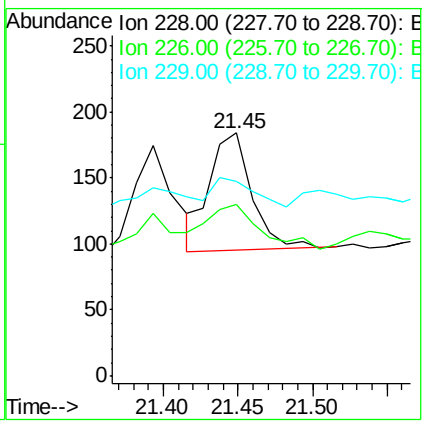


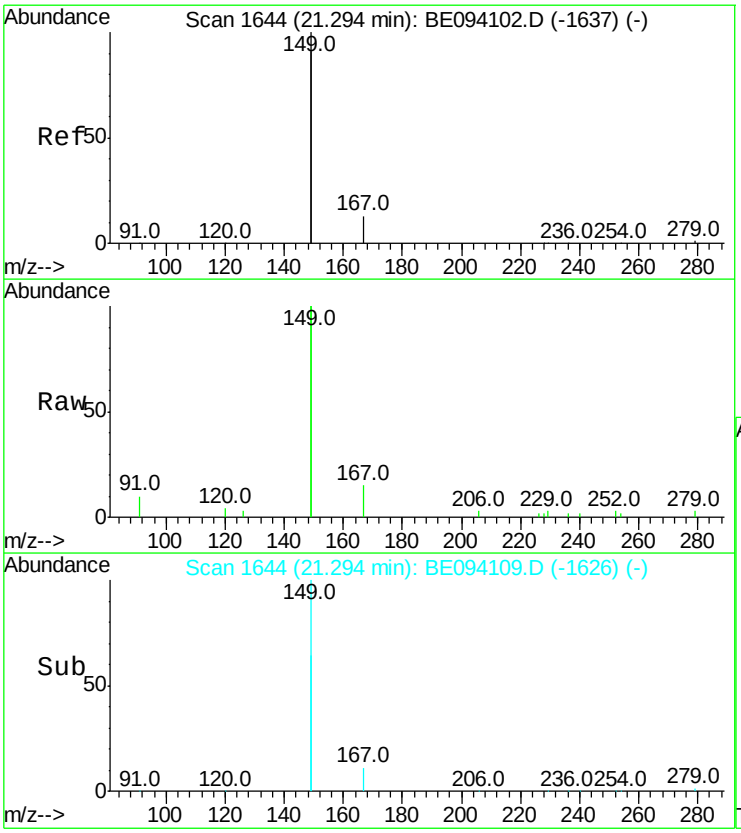
#31
Chrysene
Concen: 0.619 ng
RT: 21.45 min Scan# 1658
Delta R.T. 0.01 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:228 Resp: 175

Ion	Ratio	Lower	Upper
228	100		
226	70.7	23.6	35.4#
229	79.9	16.4	24.6#

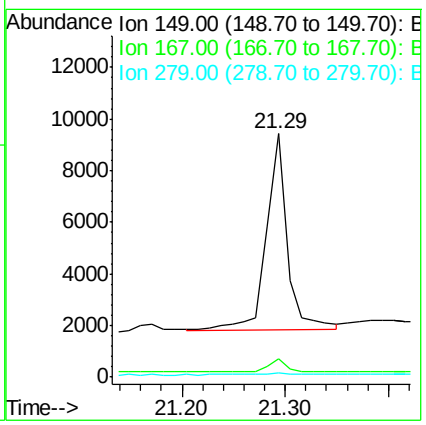


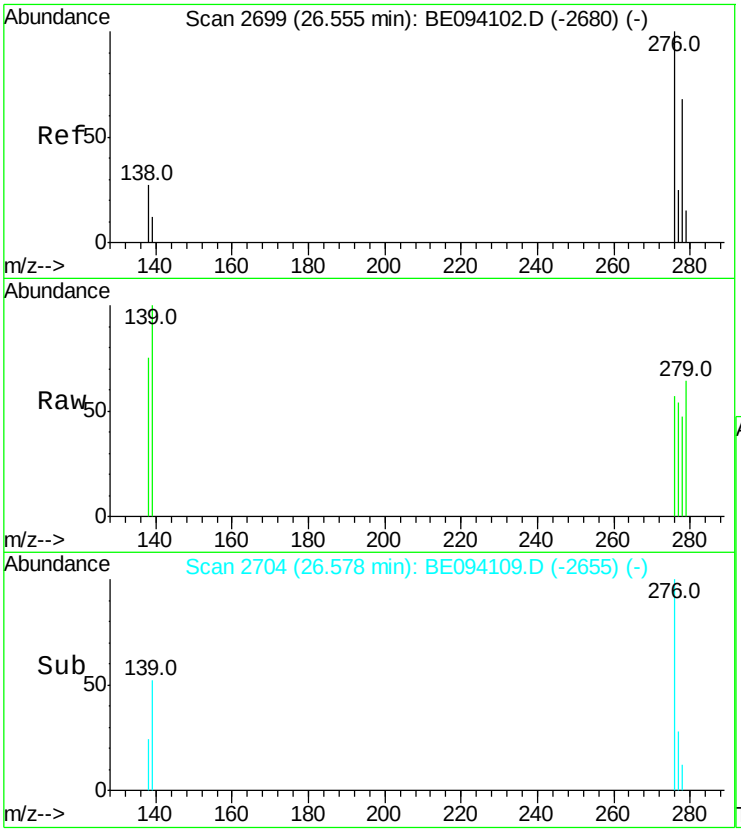


#32
Bis(2-ethylhexyl)phthalate
Concen: 15.846 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:149 Resp: 10693

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.4	0.7	1.1#



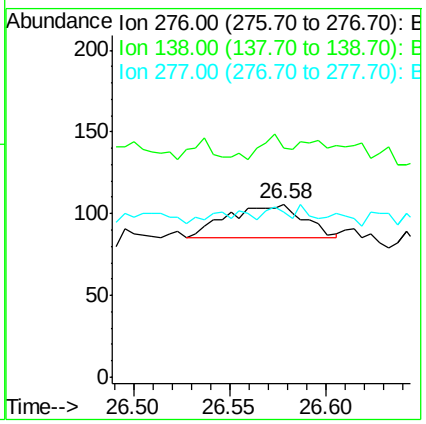


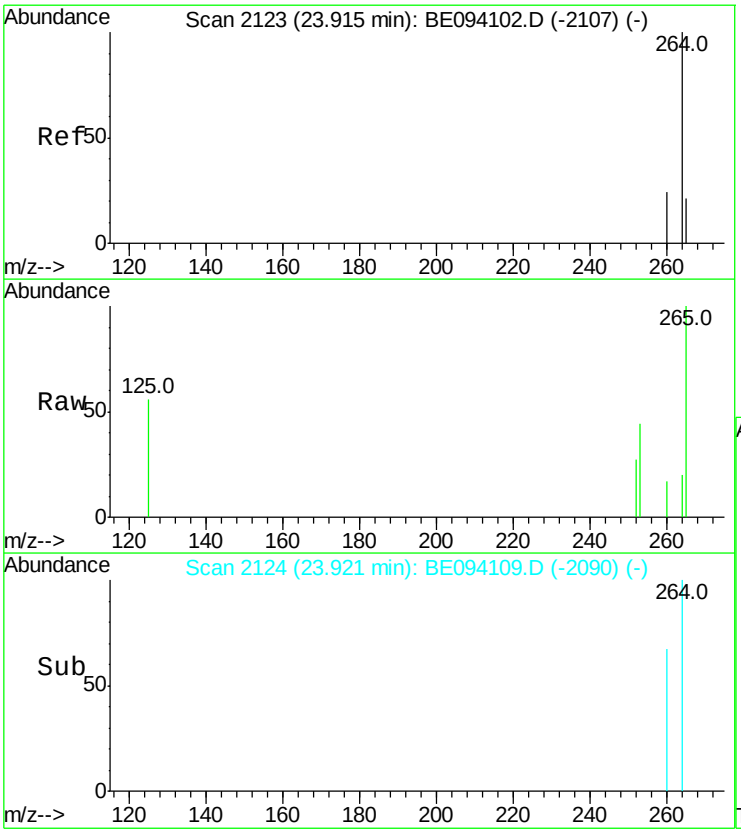
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.185 ng
RT: 26.58 min Scan# 2704
Delta R.T. 0.02 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:276 Resp: 56

Ion	Ratio	Lower	Upper
276	100		
138	23.2	22.5	33.7
277	8.9	19.9	29.9#

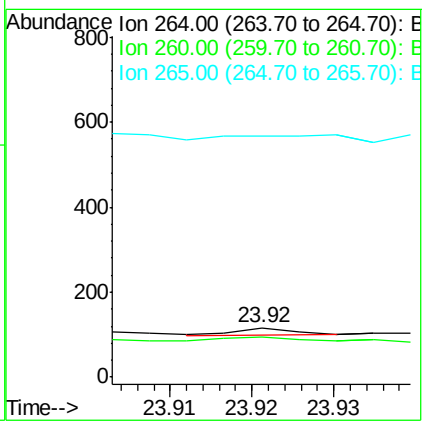


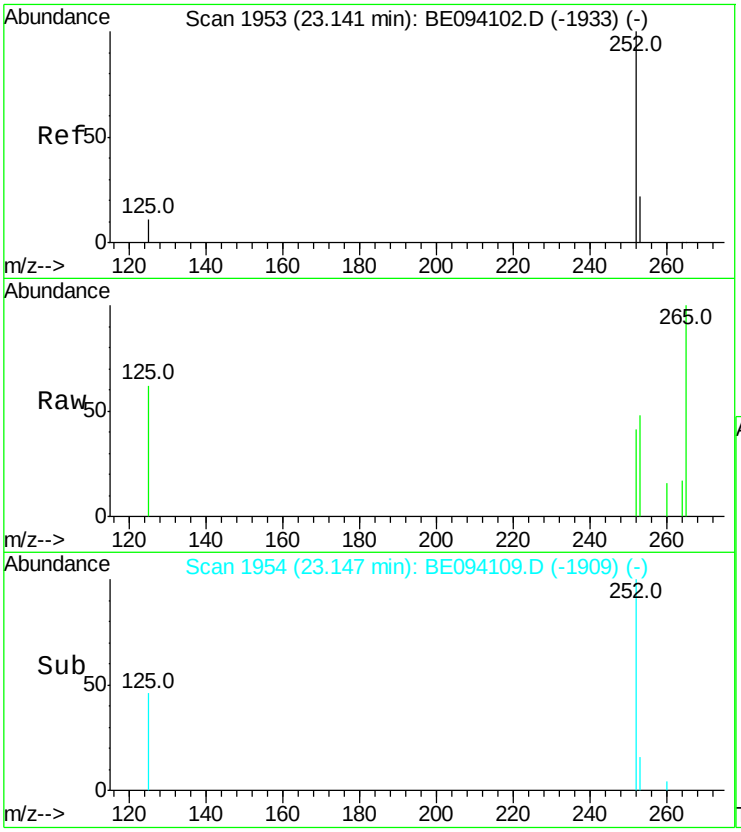


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:264 Resp: 8

Ion	Ratio	Lower	Upper
264	100		
260	81.0	20.5	30.7#
265	487.9	22.8	34.2#



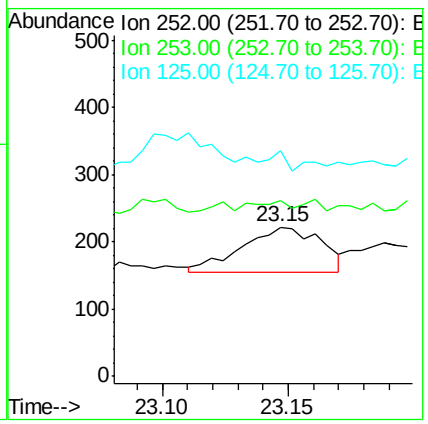


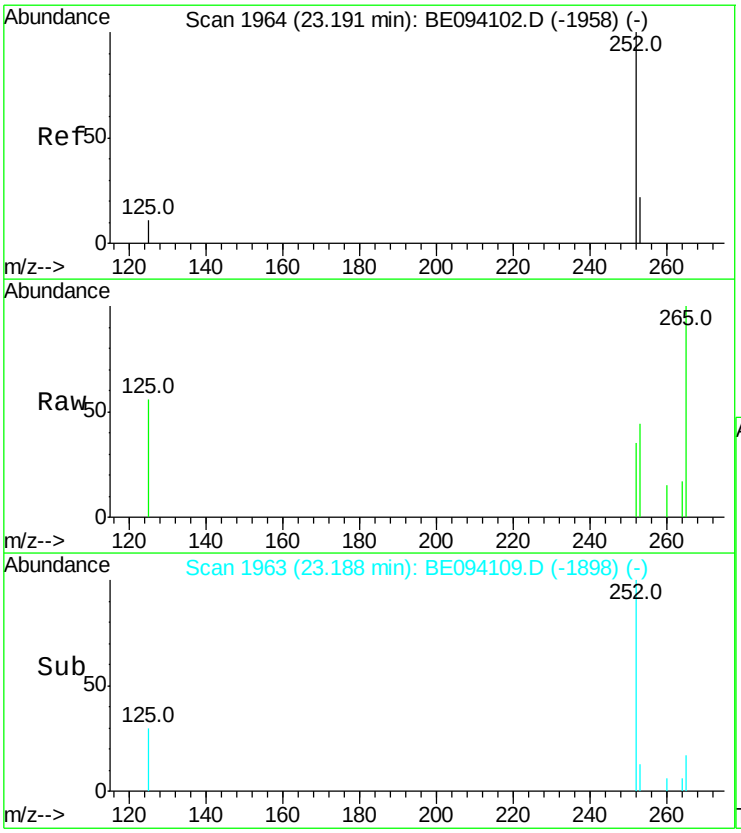
#35
Benzo(b)fluoranthene
Concen: 5.093 ng
RT: 23.15 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:252 Resp: 147

Ion	Ratio	Lower	Upper
252	100		
253	118.0	18.2	27.2#
125	151.4	10.1	15.1#

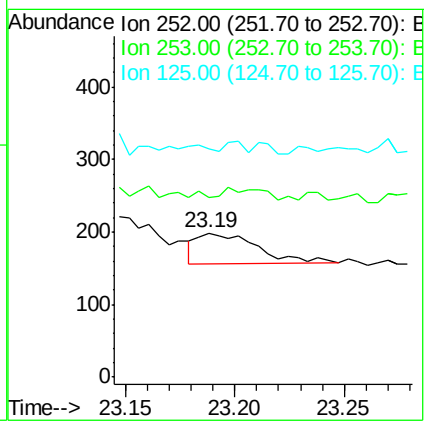


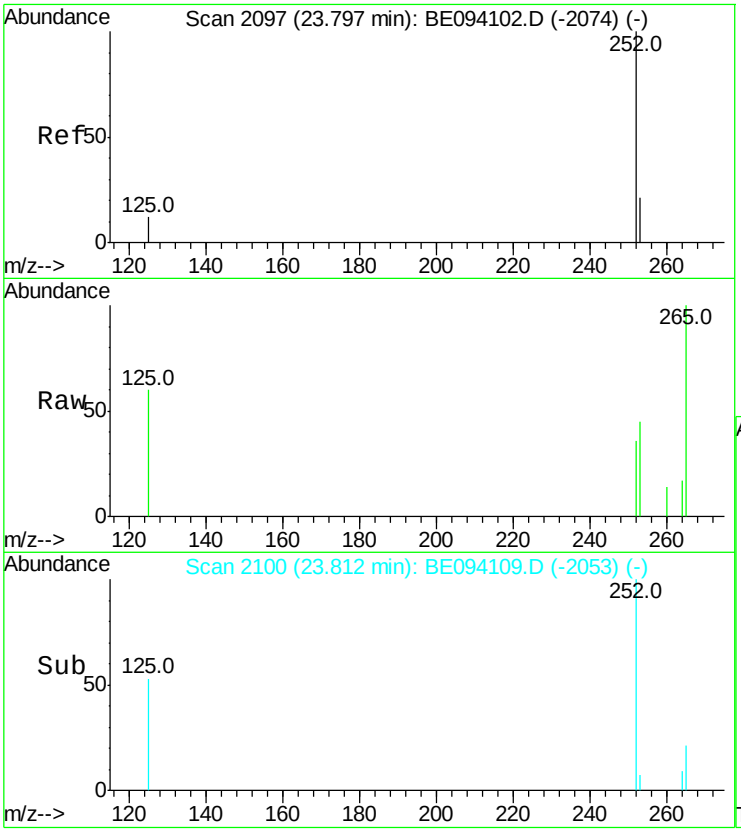


#36
Benzo(k)fluoranthene
Concen: 2.967 ng
RT: 23.19 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:252 Resp: 82

Ion	Ratio	Lower	Upper
252	100		
253	124.1	18.6	27.8#
125	158.3	10.7	16.1#



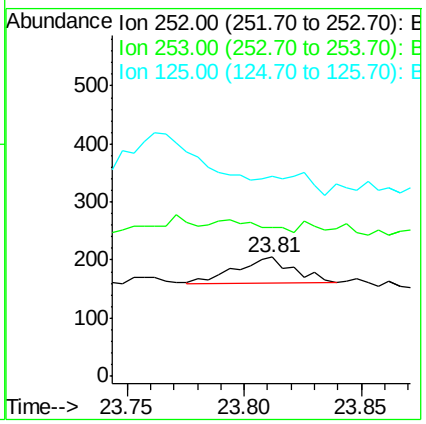


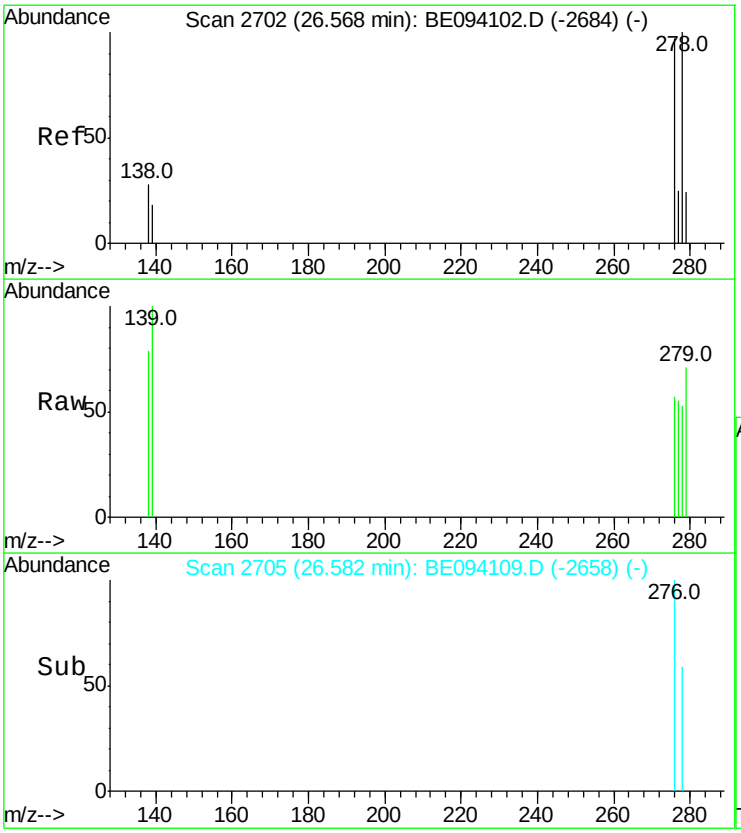
#37
Benzo(a)pyrene
Concen: 2.914 ng
RT: 23.81 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:252 Resp: 76

Ion	Ratio	Lower	Upper
252	100		
253	125.4	19.0	28.6#
125	167.8	11.8	17.8#

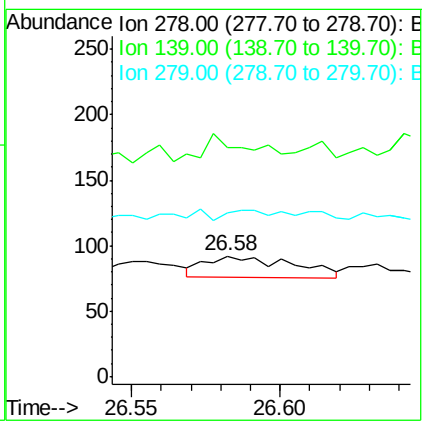


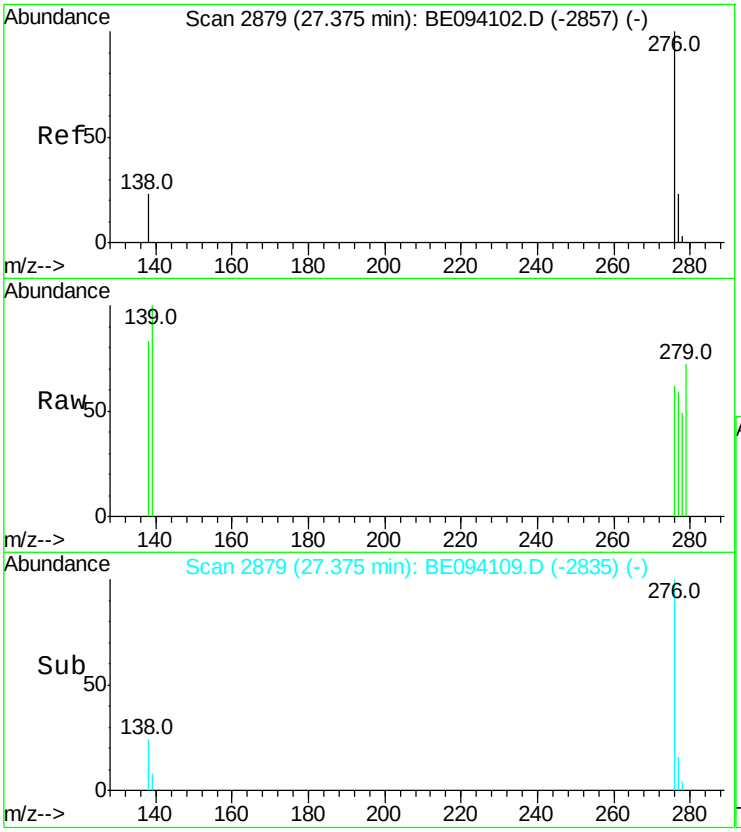


#38
Dibenzo(a,h)anthracene
Concen: 1.377 ng
RT: 26.58 min Scan# 2705
Delta R.T. 0.01 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Tgt Ion:278 Resp: 34

Ion	Ratio	Lower	Upper
278	100		
139	190.2	16.3	24.5#
279	135.9	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.982 ng
RT: 27.38 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BE094109.D
Acq: 25 Sep 2017 19:17

Instrument :
BNA_E
ClientSampleId :
LT-TS-006RE

Tgt Ion:276 Resp: 24

Ion	Ratio	Lower	Upper
276	100		
277	96.2	20.8	31.2#
138	134.9	21.5	32.3#