Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094119.D
Acq On : 26 Sep 2017 1:30
Operator : SJ/JU
Sample : I5340-03DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 03:54:50 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	7.91	152	406	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	1915	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	1168	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	4516	0.40	ng		0.00
27) Chrysene-d12	21.40	240	3482	0.40	ng		0.00
34) Perylene-d12	23.91	264	3242	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	662	0.43	ng		0.00
5) Phenol-d6	7.09	99	811	0.38	ng		0.00
8) Nitrobenzene-d5	9.06	82	780	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	1036	0.35	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	174	0.24	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	1390	0.36	ng		0.01
25) Fluoranthene-d10	19.27	212	11455	0.26	ng		0.00
29) Terphenyl-d14	19.85	244	1685	0.27	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.78	42	25	0.025	ng	#	1
6) bis(2-Chloroethyl)ether	7.34	93	91	0.055	ng	#	1
9) Naphthalene	10.74	128	1406	0.065	ng	#	85
10) Hexachlorobutadiene	11.11	225	7	0.009	ng	#	17
12) 2-Methylnaphthalene	12.35	142	180	0.051	ng	#	73
16) Acenaphthylene	14.23	152	1676	0.286	ng		98
17) Acenaphthene	14.57	154	286	0.078	ng		94
18) Fluorene	15.56	166	605	0.122	ng		92
20) 4-Bromophenyl-phenylether	16.42	248	6	0.003	ng	#	14
22) Pentachlorophenol	16.91	266	10	0.009	ng		91
23) Phenanthrene	17.27	178	15949	1.380	ng		97
24) Anthracene	17.37	178	2695	0.222	ng	#	92
26) Fluoranthene	19.30	202	35402	2.734	ng		99
28) Pyrene	19.66	202	35636	3.230	ng	#	96
30) Benzo(a)anthracene	21.38	228	16461	1.404	ng		94
31) Chrysene	21.44	228	19534	1.726	ng		95
32) Bis(2-ethylhexyl)phthalate	21.29	149	16089	0.315	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	10909	0.901	ng		97
35) Benzo(b)fluoranthene	23.14	252	23269	1.989	ng	#	90
36) Benzo(k)fluoranthene	23.14	252	23269	2.078	ng	#	92
37) Benzo(a)pyrene	23.80	252	16080	1.521	ng	#	91
38) Dibenzo(a,h)anthracene	26.55	278	3005	0.300	ng	#	51
39) Benzo(g,h,i)perylene	27.37	276	11587	1.169	ng		94

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

Quantitation Report (Not Reviewed)

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Acq On : 26 Sep 2017 1:30
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Sample : I5340-03DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 03:54:50 2017
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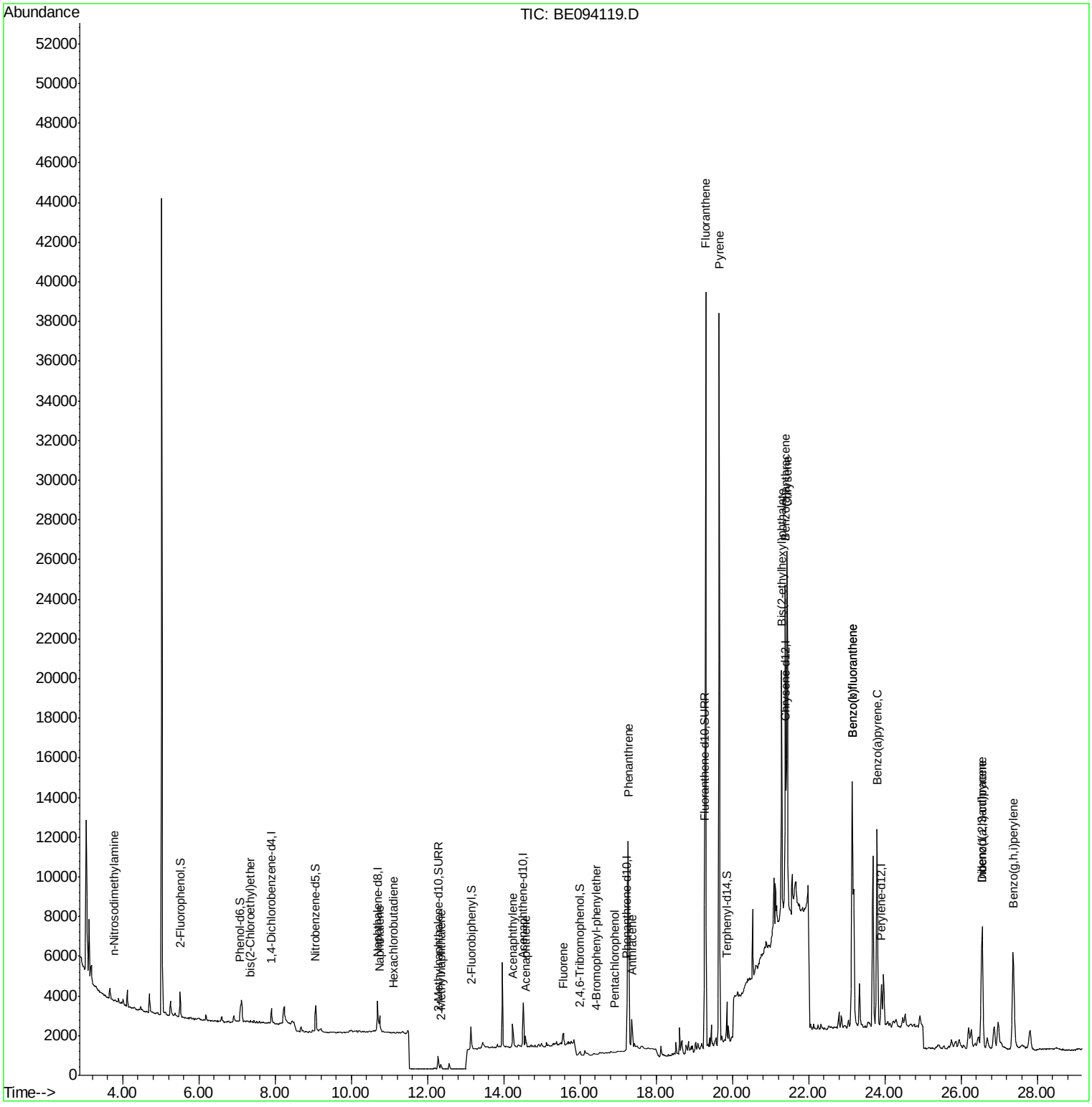
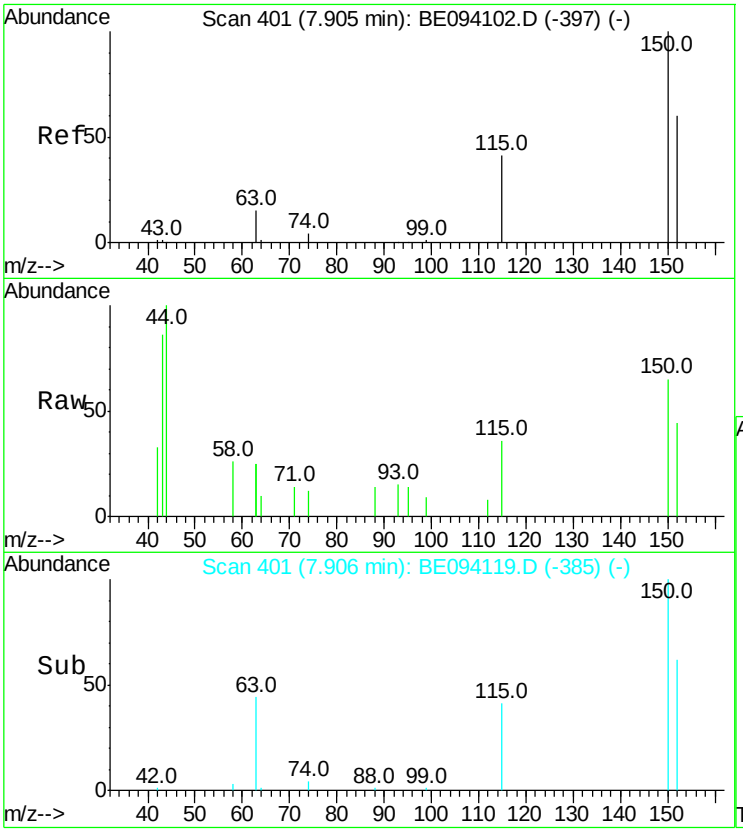
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
Response via : Initial Calibration



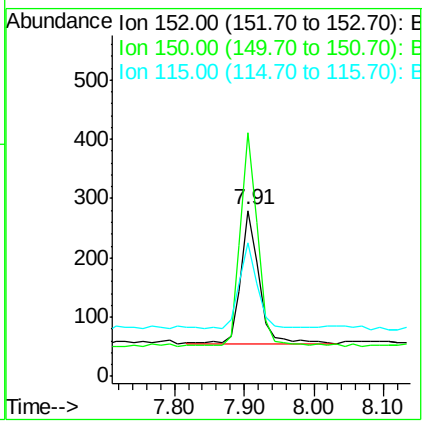


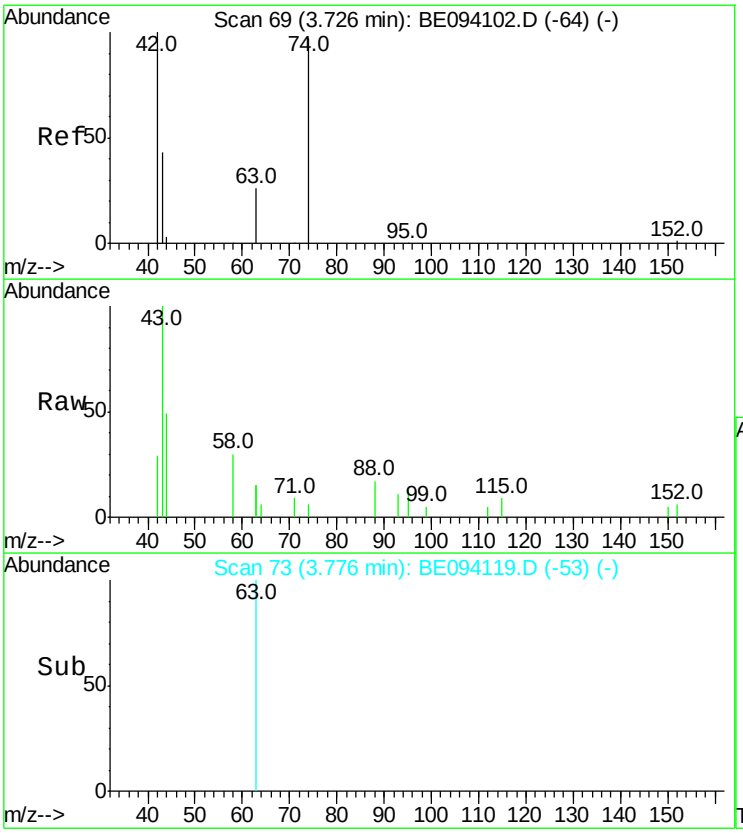
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 406

Ion	Ratio	Lower	Upper
152	100		
150	146.8	117.2	175.8
115	80.4	57.0	85.6

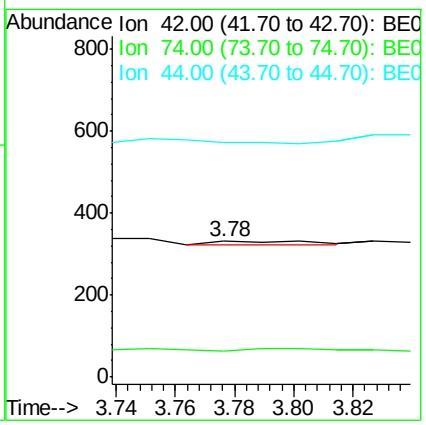


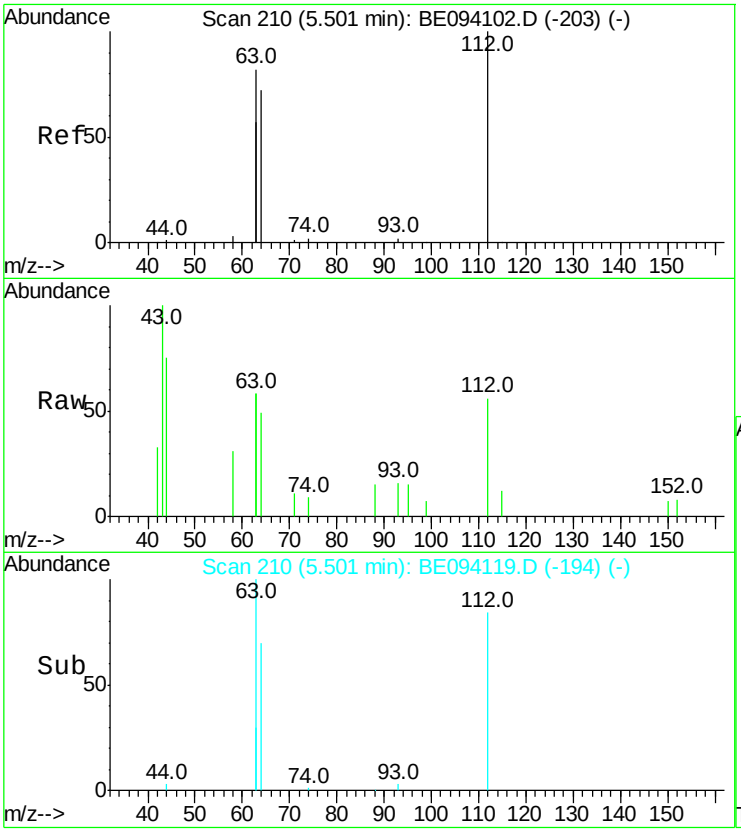


#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.78 min Scan# 73
Delta R.T. 0.05 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion: 42 Resp: 25

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



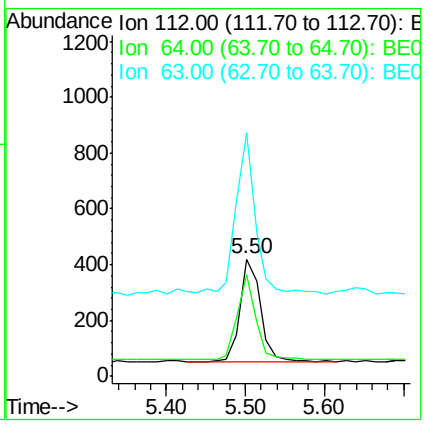


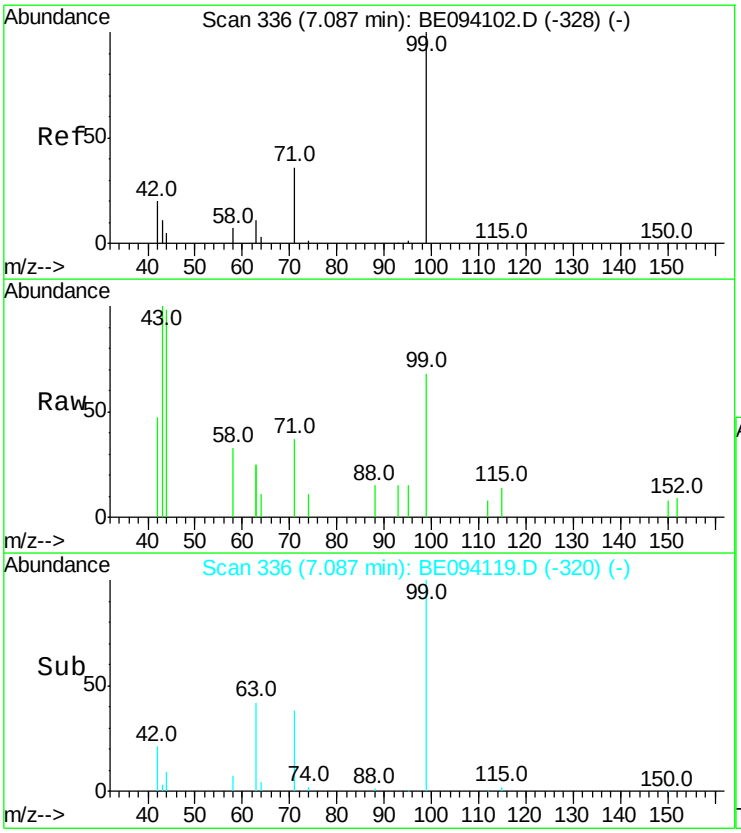
#4
2-Fluorophenol
Concen: 0.430 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 662

Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.1	90.1
63	148.6	116.8	175.2

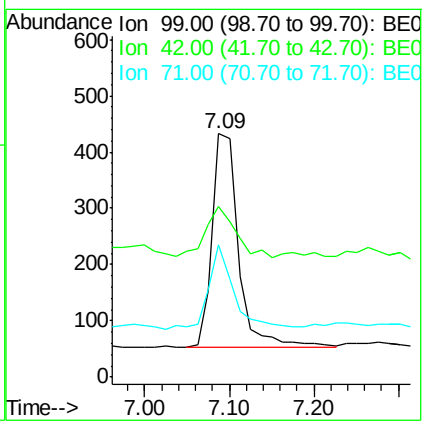


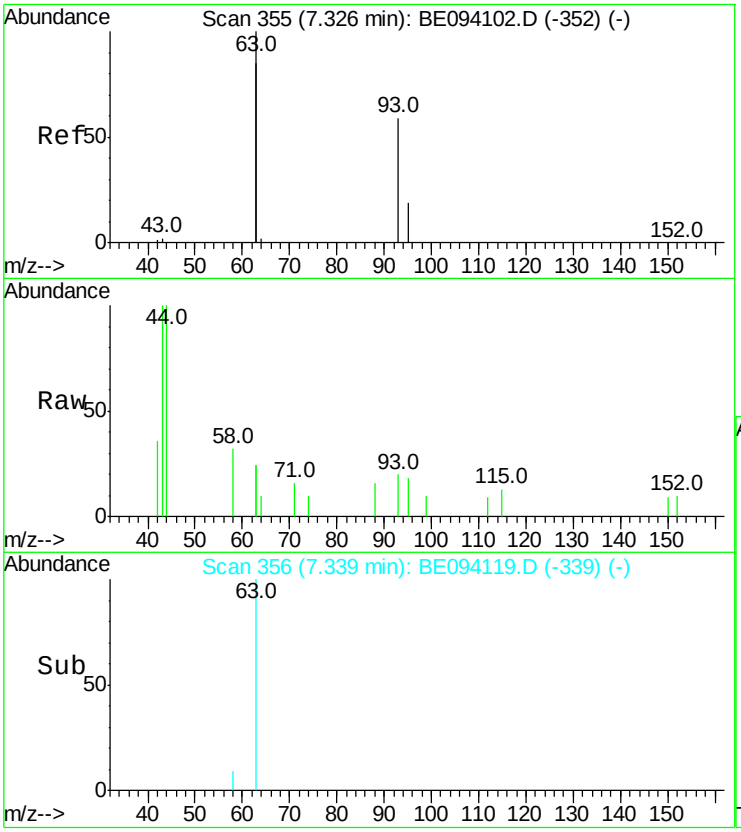


#5
Phenol-d6
Concen: 0.379 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion: 99 Resp: 811

Ion	Ratio	Lower	Upper
99	100		
42	28.0	20.2	30.2
71	37.5	28.4	42.6



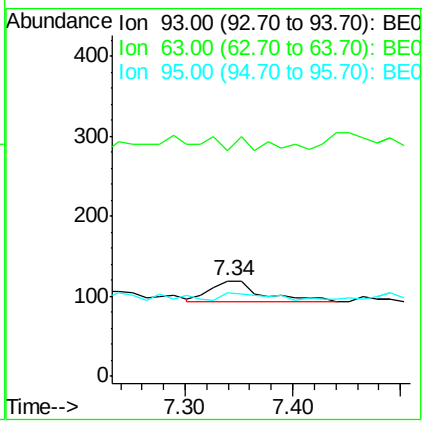


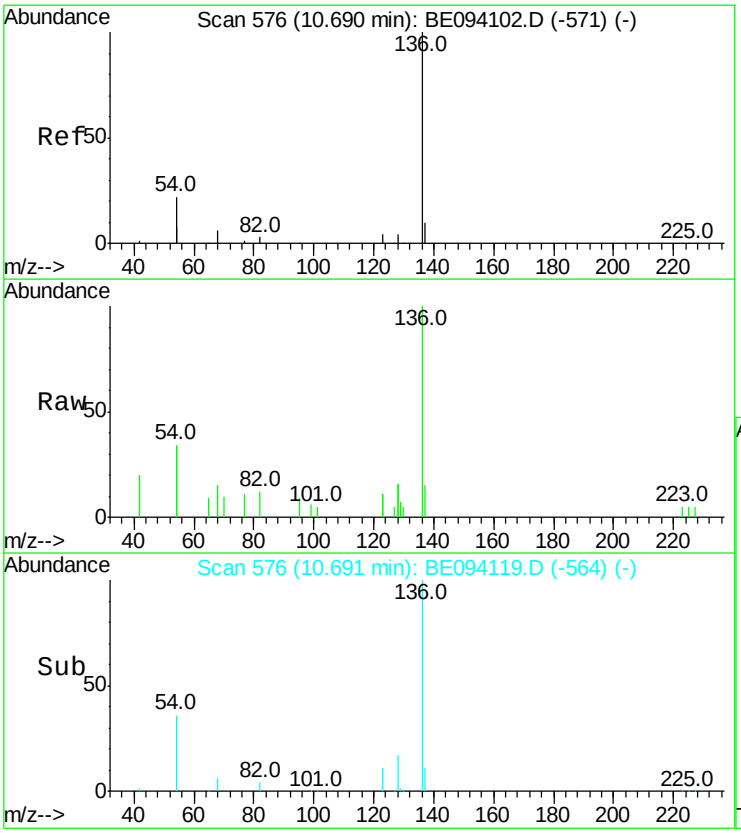
#6
bis(2-Chloroethyl)ether
Concen: 0.055 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.01 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 91

Ion	Ratio	Lower	Upper
93	100		
63	15.4	275.3	412.9#
95	35.2	25.2	37.8

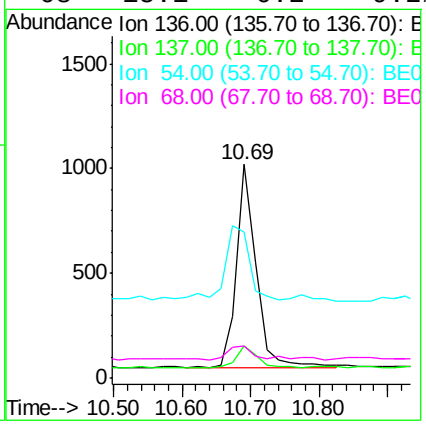


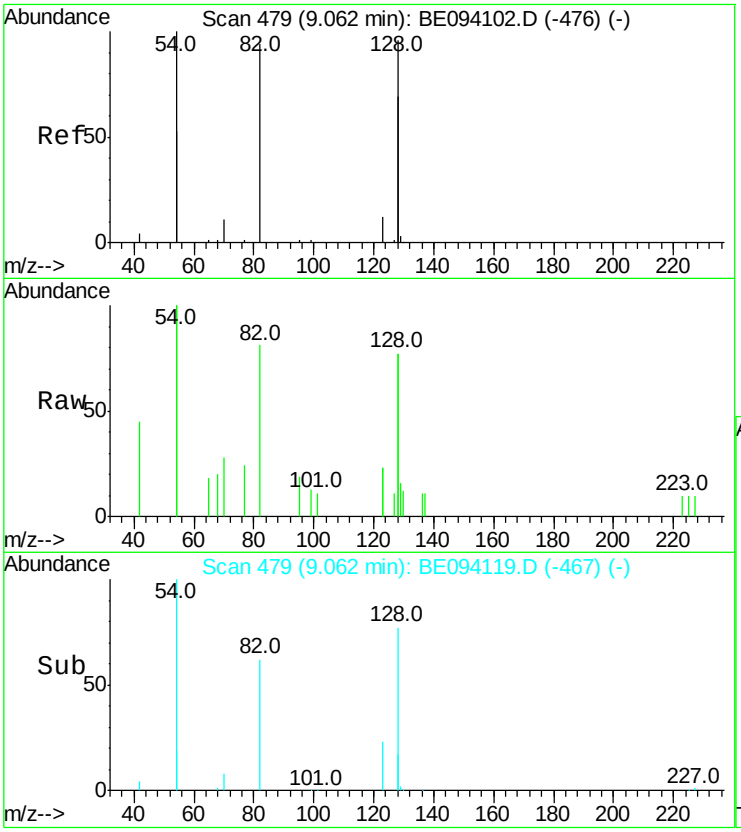


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:136 Resp: 1915

Ion	Ratio	Lower	Upper
136	100		
137	15.2	9.5	14.3#
54	68.4	29.1	43.7#
68	15.1	6.2	9.2#



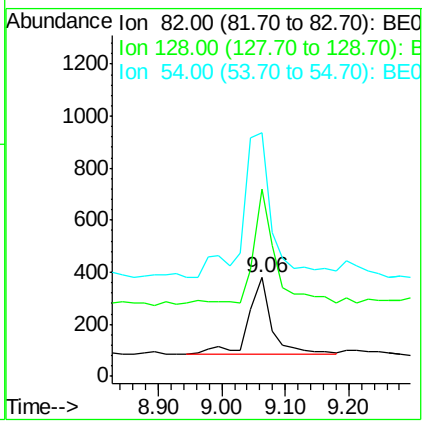


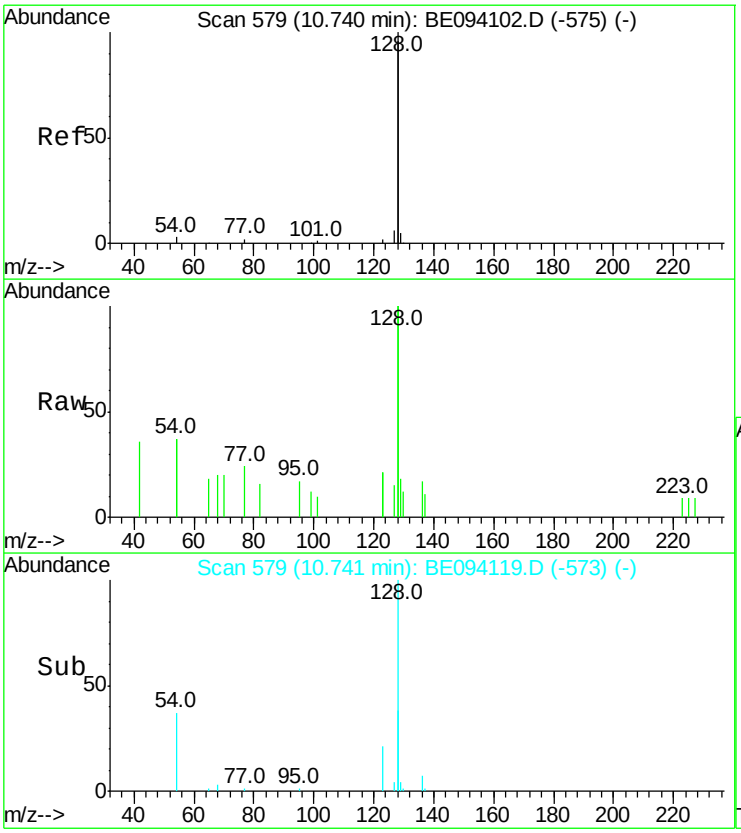
#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 780

Ion	Ratio	Lower	Upper
82	100		
128	189.9	150.0	225.0
54	247.6	154.2	231.4#

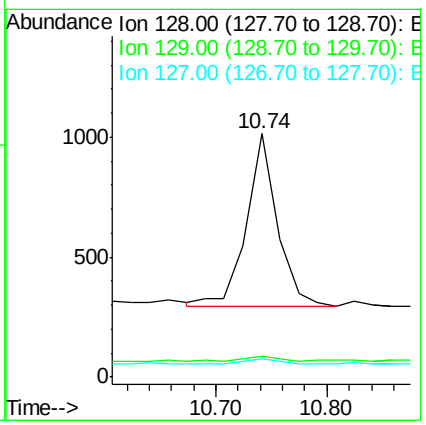


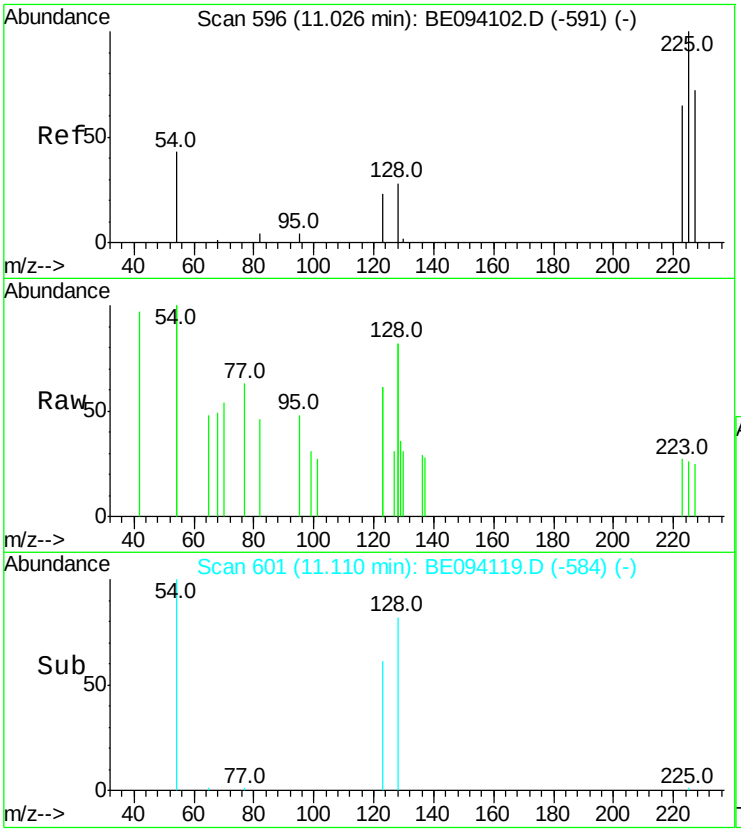


#9
Naphthalene
Concen: 0.065 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:128 Resp: 1406

Ion	Ratio	Lower	Upper
128	100		
129	8.8	2.6	3.8#
127	7.6	2.8	4.2#



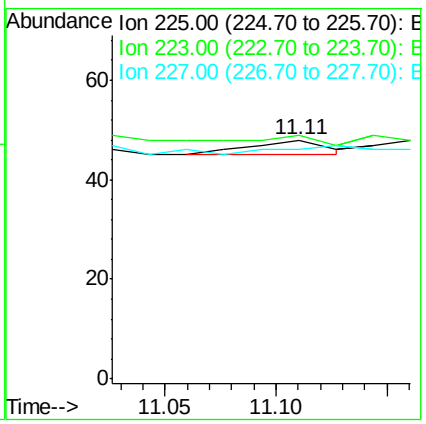


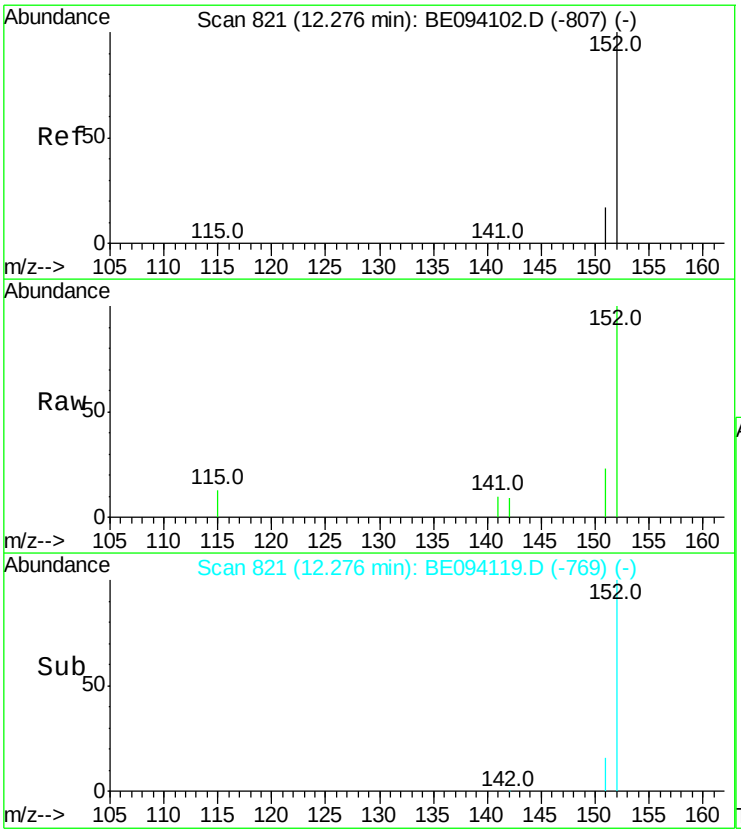
#10
Hexachlorobutadiene
Concen: 0.009 ng
RT: 11.11 min Scan# 601
Delta R.T. 0.08 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 7

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

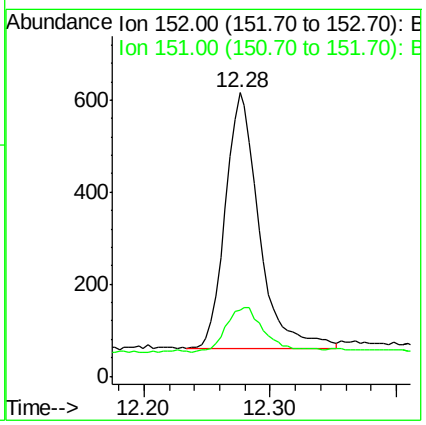


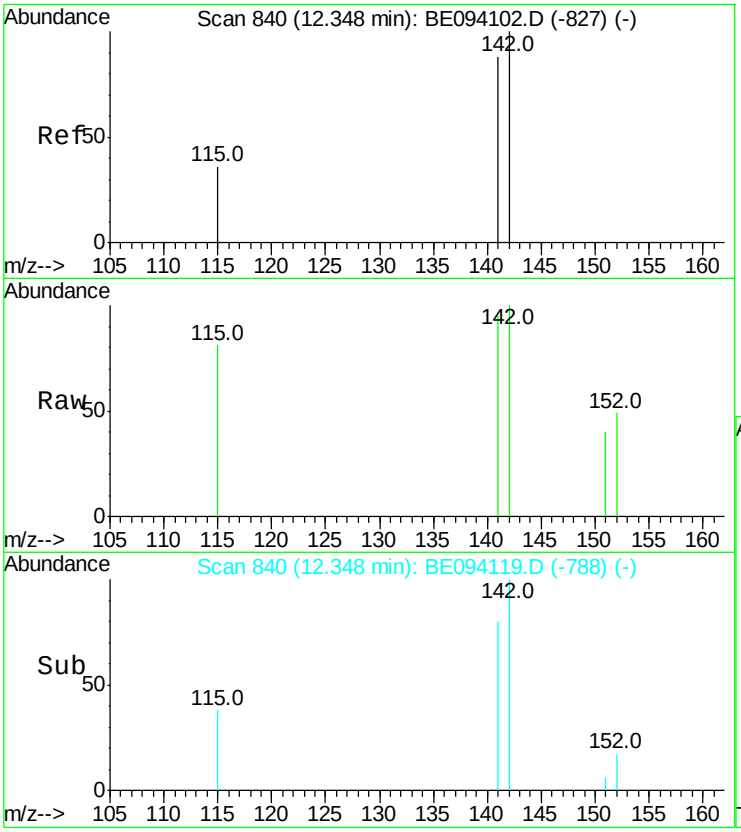


#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.28 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:152 Resp: 1036

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0



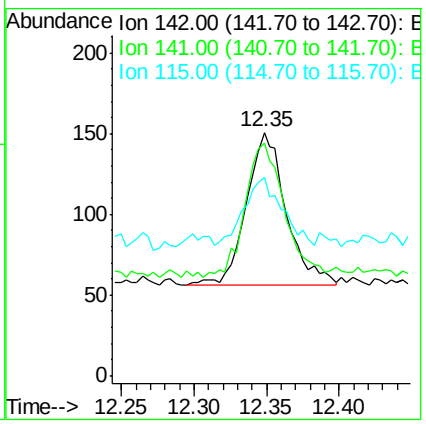


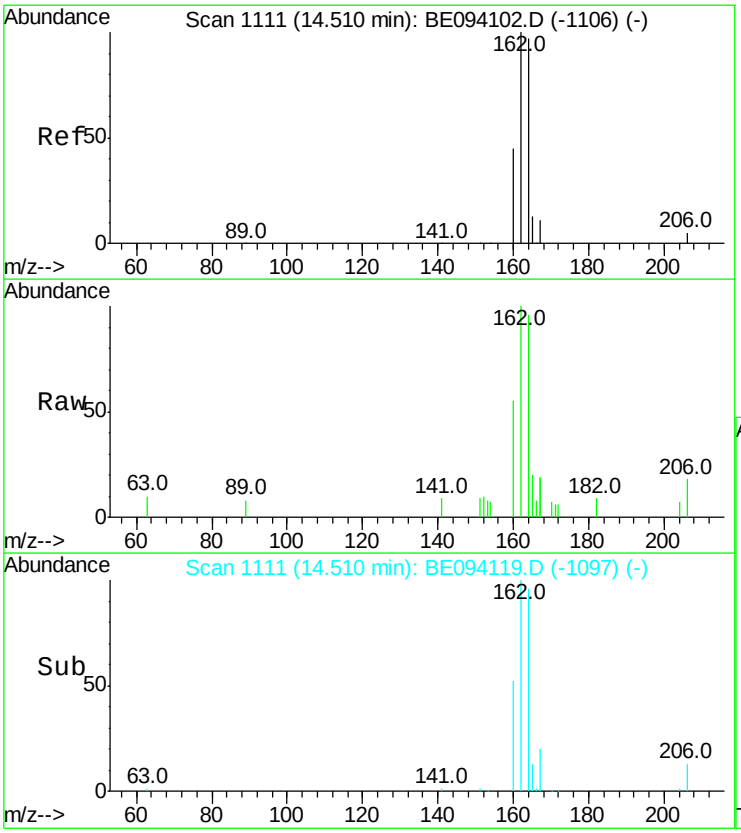
#12
2-Methylnaphthalene
Concen: 0.051 ng
RT: 12.35 min Scan# 840
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 180

Ion	Ratio	Lower	Upper
142	100		
141	95.4	70.4	105.6
115	81.5	31.7	47.5#

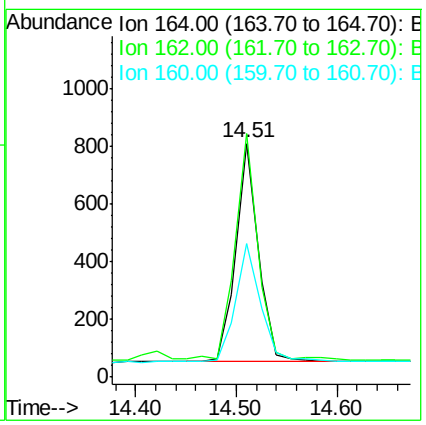


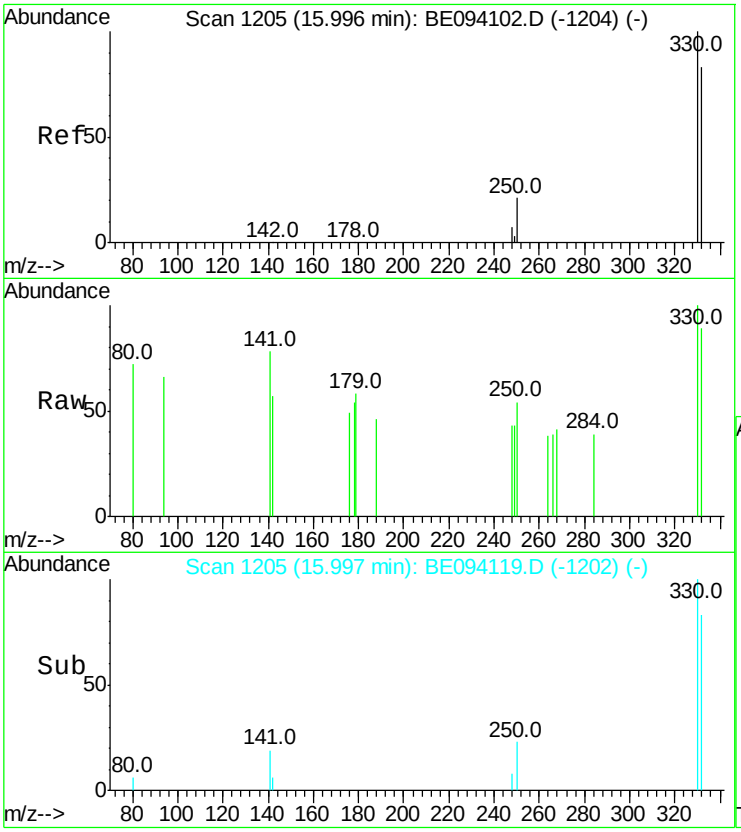


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:164 Resp: 1168

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.1	124.7
160	57.0	37.1	55.7#



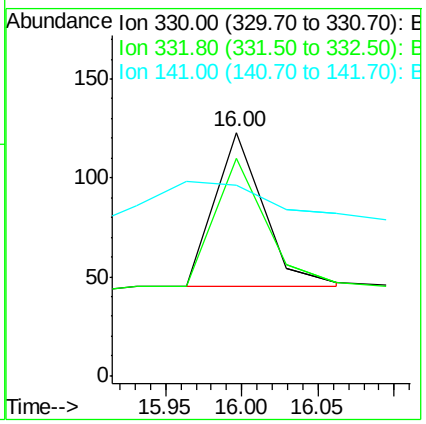


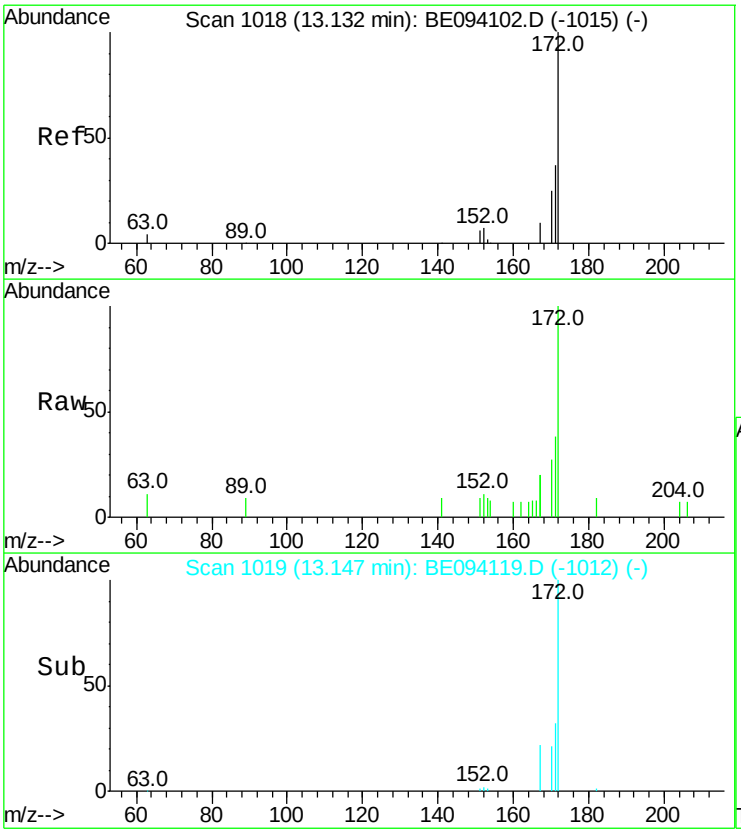
#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 174

Ion	Ratio	Lower	Upper
330	100		
332	87.9	152.7	229.1#
141	0.0	33.7	50.5#

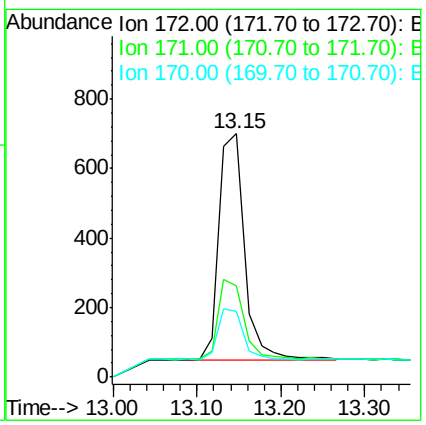


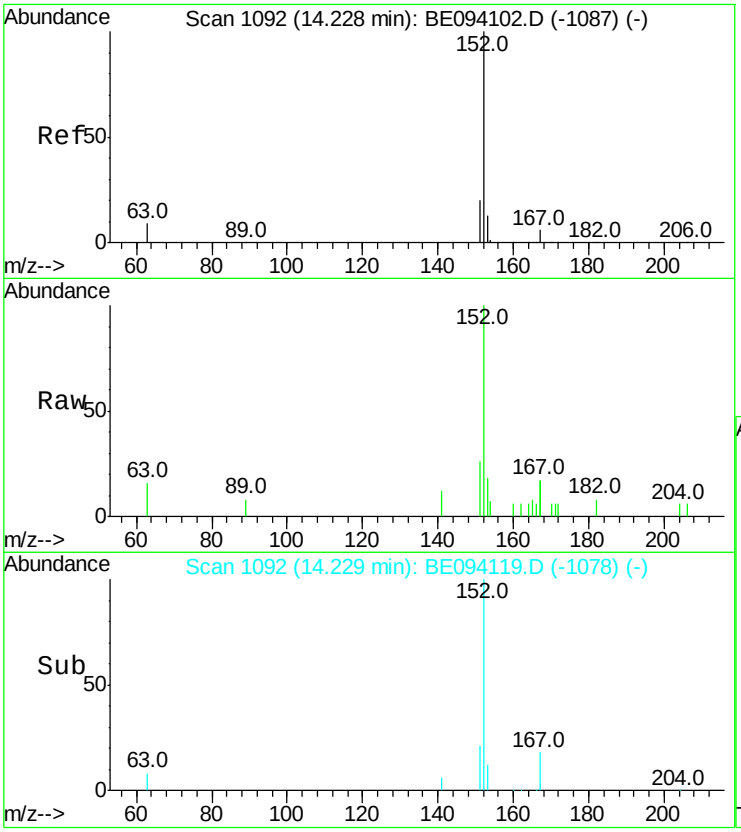


#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:172 Resp: 1390

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	27.0	21.8	32.8



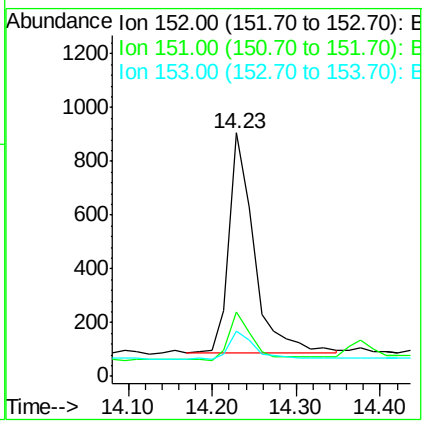


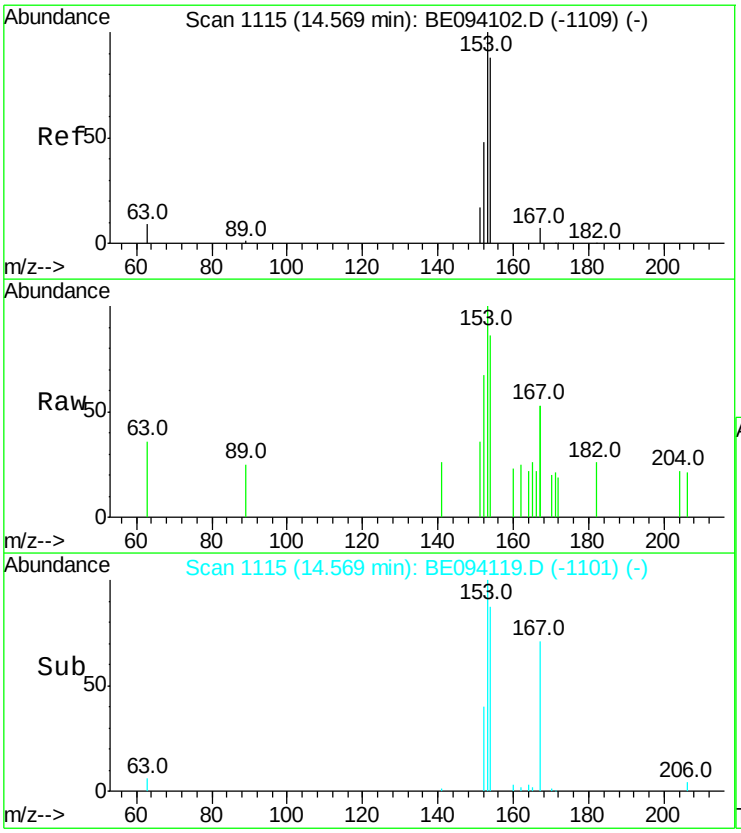
#16
Acenaphthylene
Concen: 0.286 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1676

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	12.6	10.5	15.7

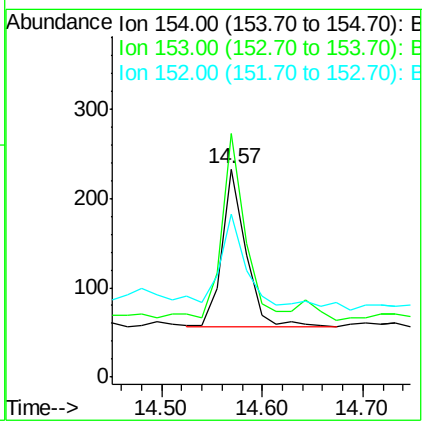


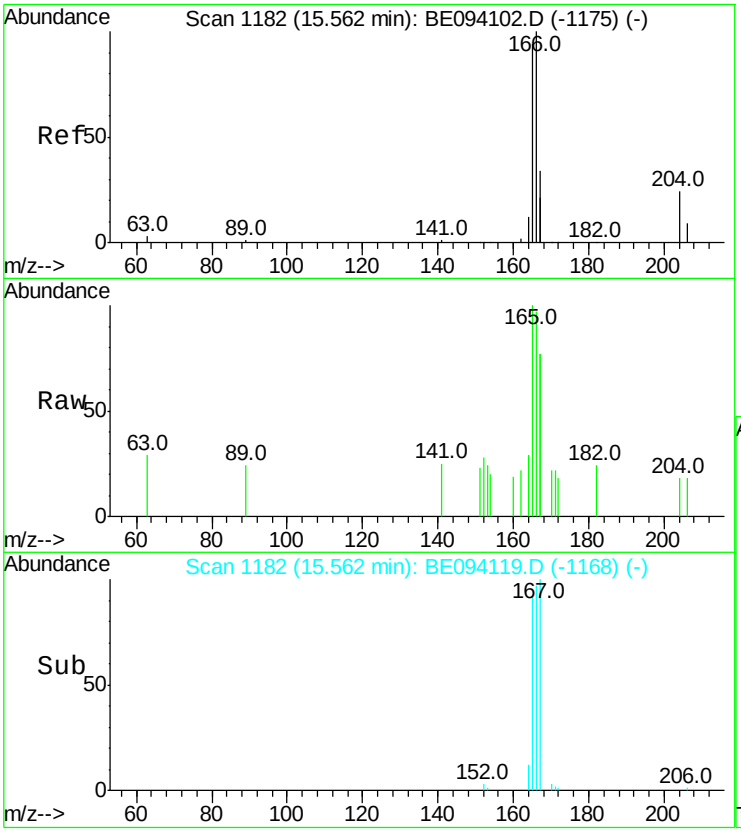


#17
Acenaphthene
Concen: 0.078 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:154 Resp: 286

Ion	Ratio	Lower	Upper
154	100		
153	105.9	89.2	133.8
152	58.0	42.0	63.0



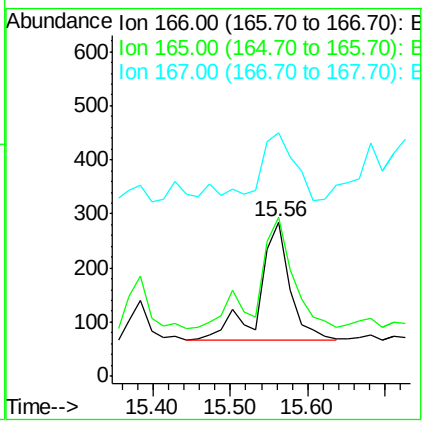


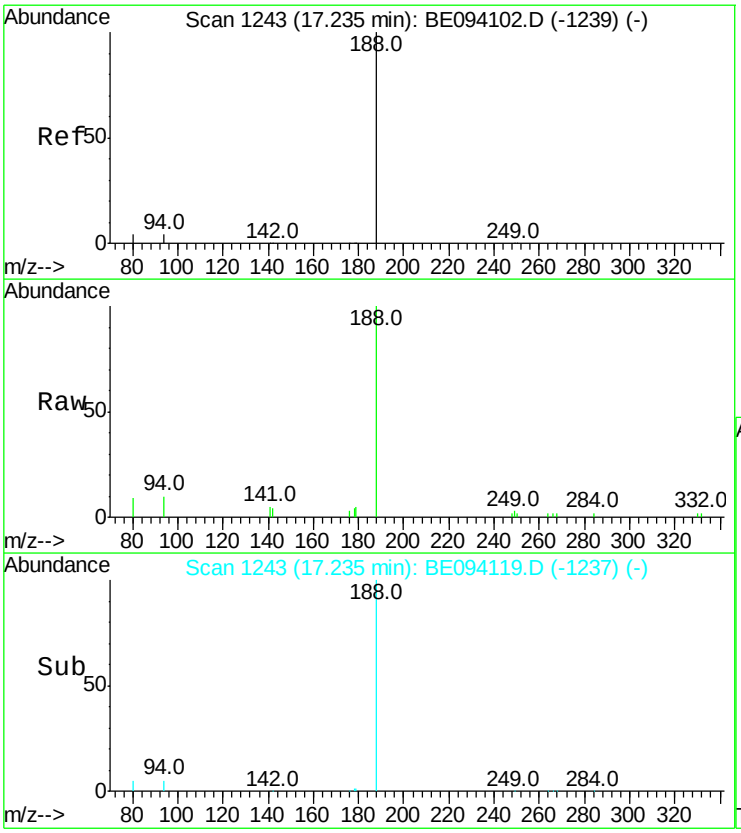
#18
Fluorene
Concen: 0.122 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 605

Ion	Ratio	Lower	Upper
166	100		
165	107.8	77.8	116.6
167	55.7	42.4	63.6

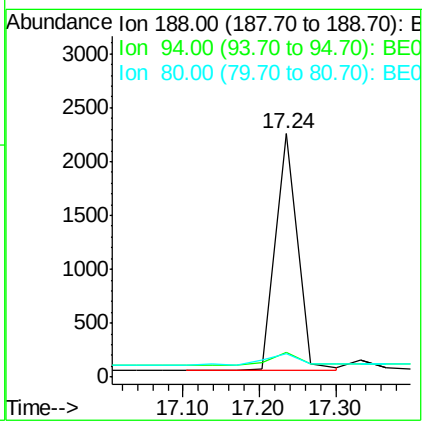


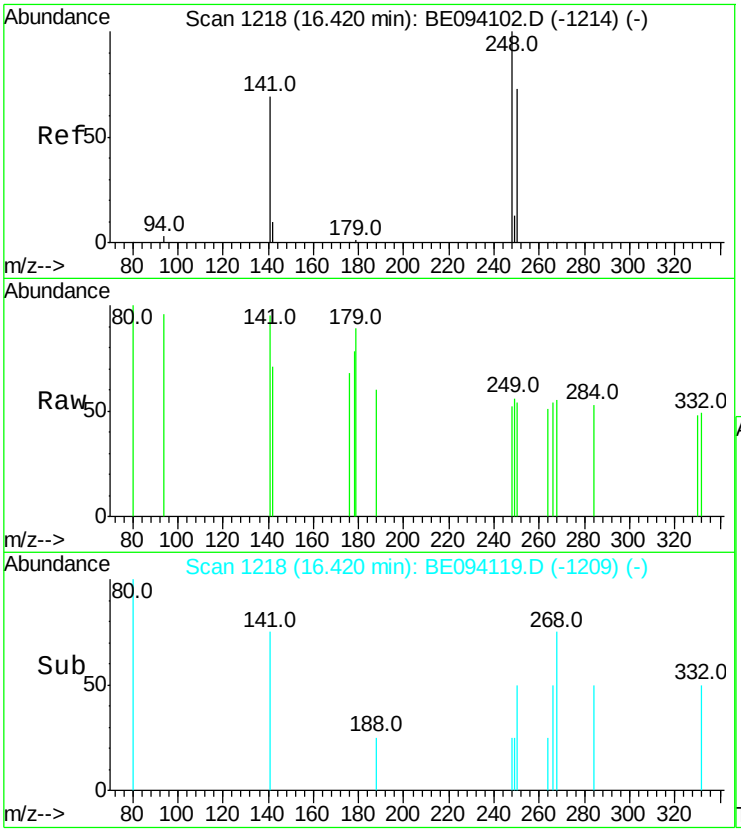


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:188 Resp: 4516

Ion	Ratio	Lower	Upper
188	100		
94	10.0	3.9	5.9#
80	9.4	3.6	5.4#



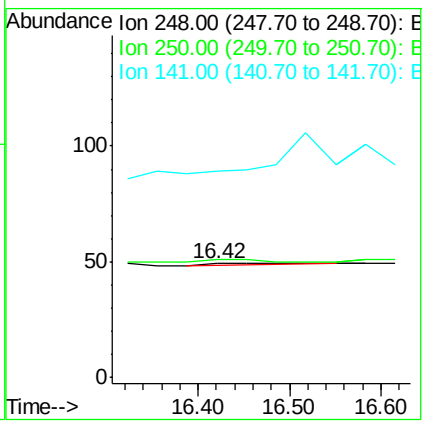


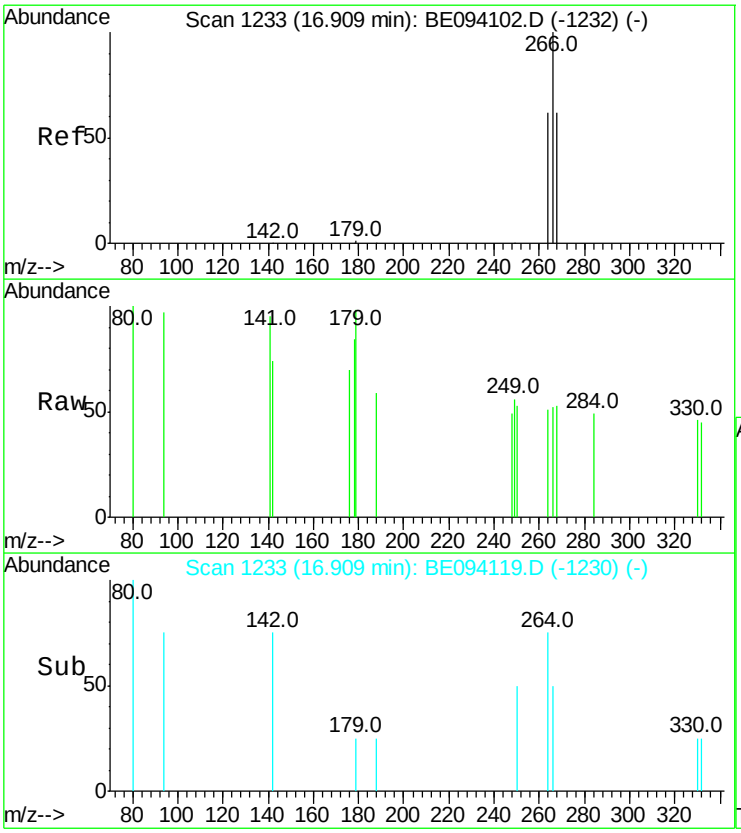
#20
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	104.1	62.7	94.1#
141	181.6	48.2	72.2#

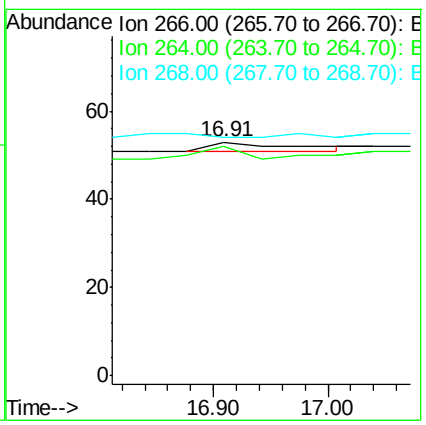


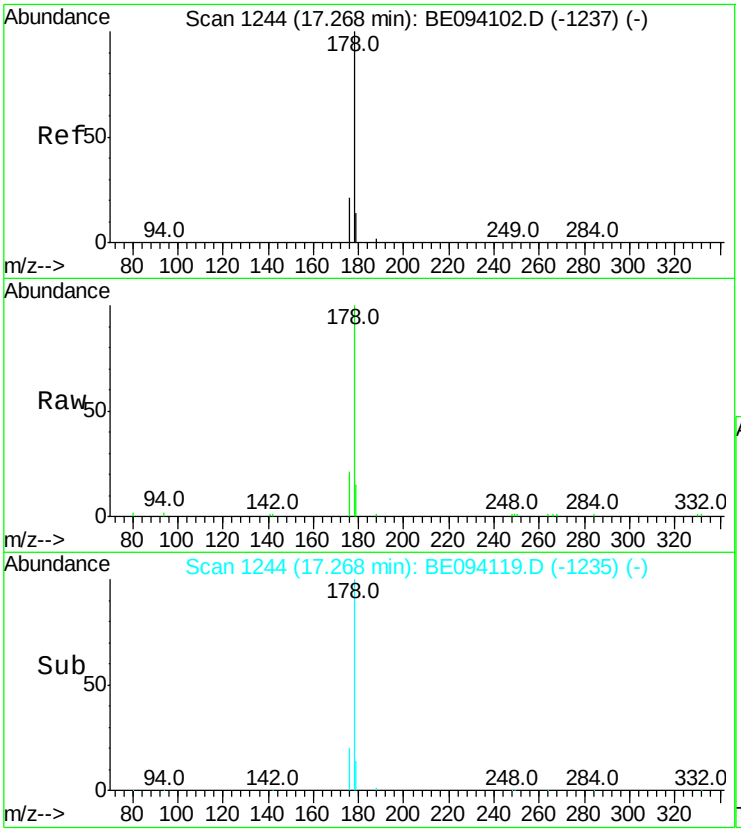


#22
Pentachlorophenol
Concen: 0.009 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	98.1	72.5	108.7
268	101.9	73.8	110.6



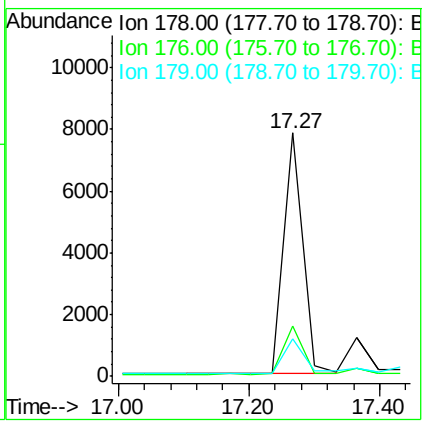


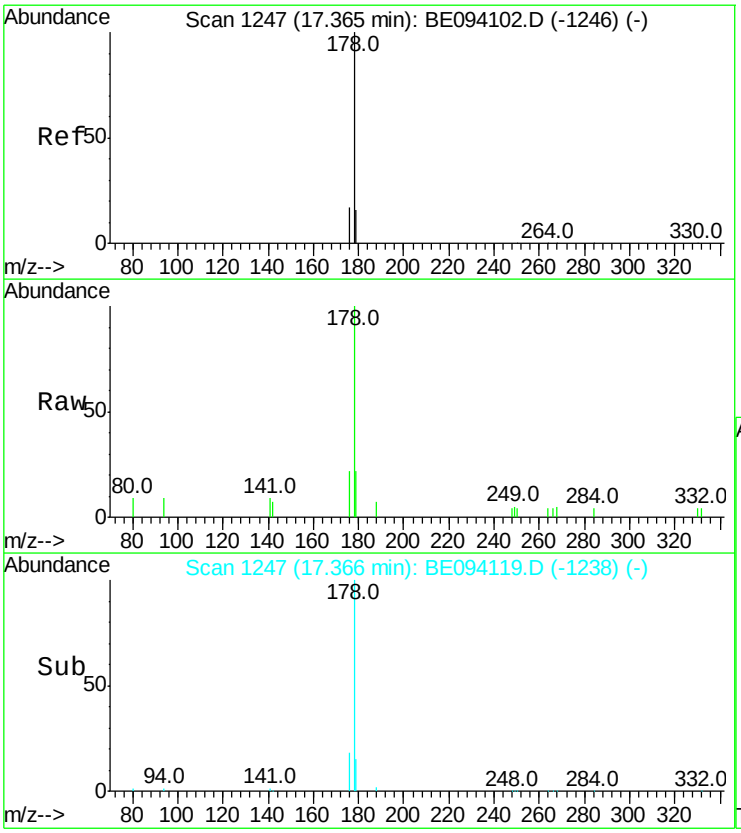
#23
Phenanthrene
Concen: 1.380 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 15949

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	16.1	11.8	17.6

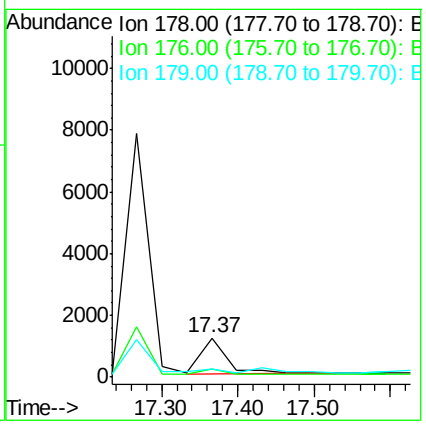


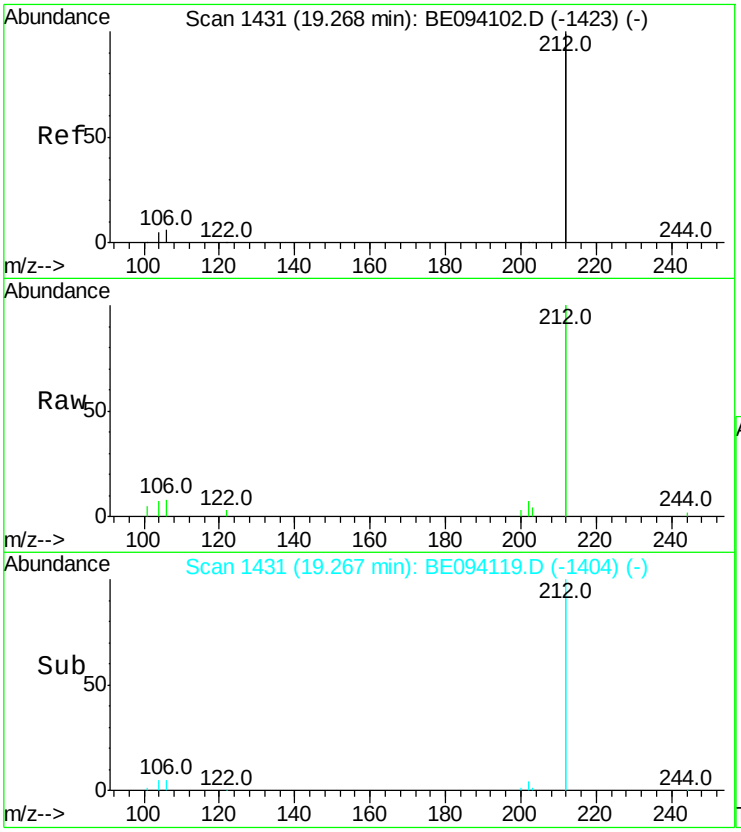


#24
Anthracene
Concen: 0.222 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:178 Resp: 2695

Ion	Ratio	Lower	Upper
178	100		
176	17.6	12.8	19.2
179	10.9	13.0	19.6#



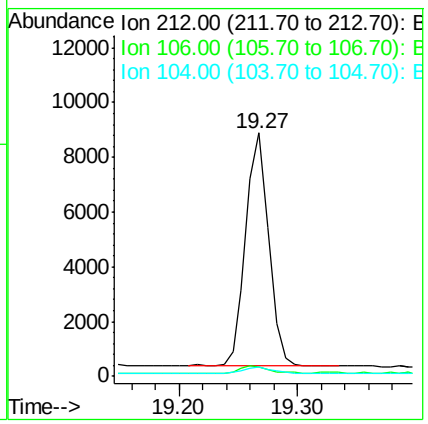


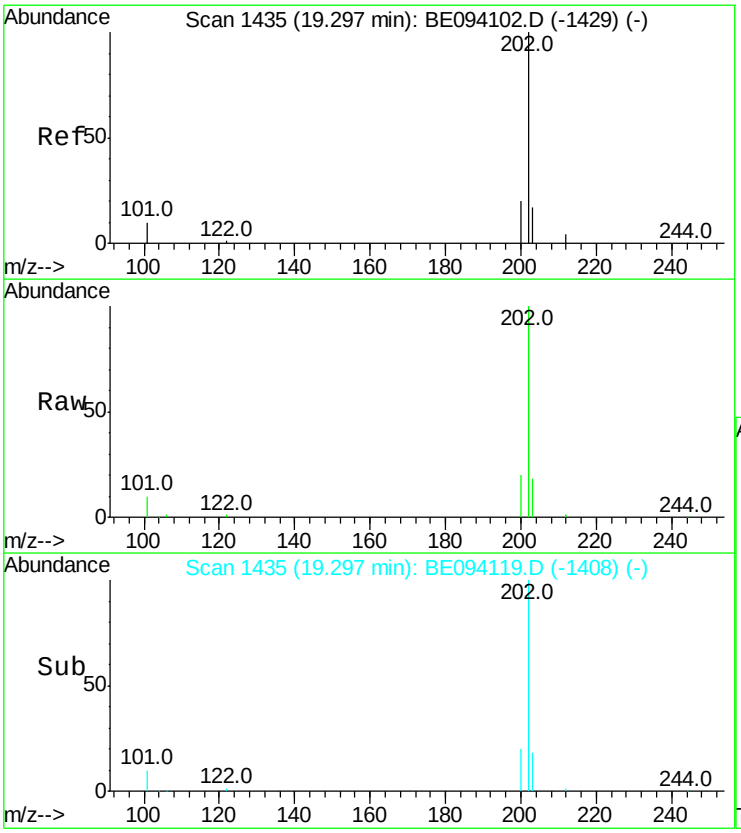
#25
Fluoranthene-d10
Concen: 0.262 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 11455

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.8	4.2
104	3.7	1.6	2.4#

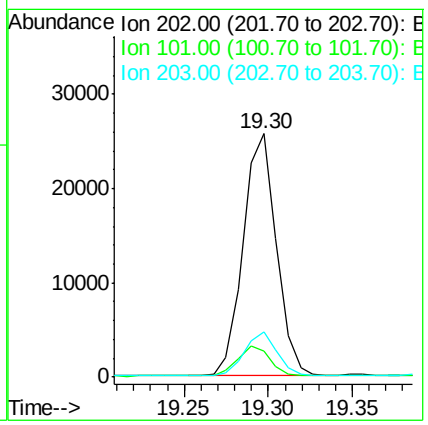


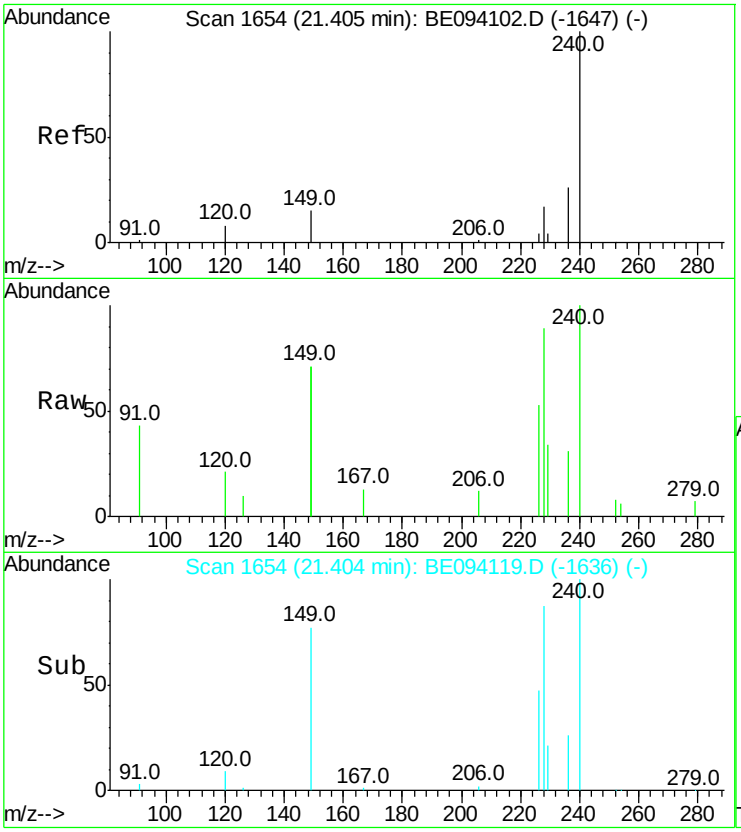


#26
Fluoranthene
Concen: 2.734 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:202 Resp: 35402

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
203	17.6	13.7	20.5



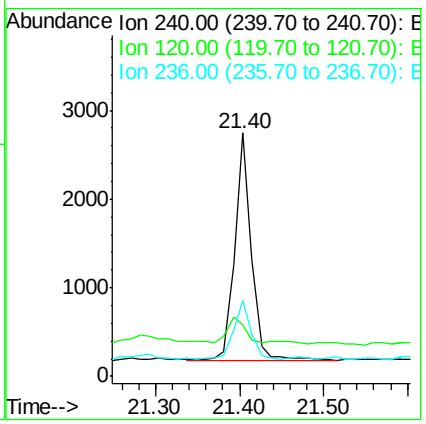


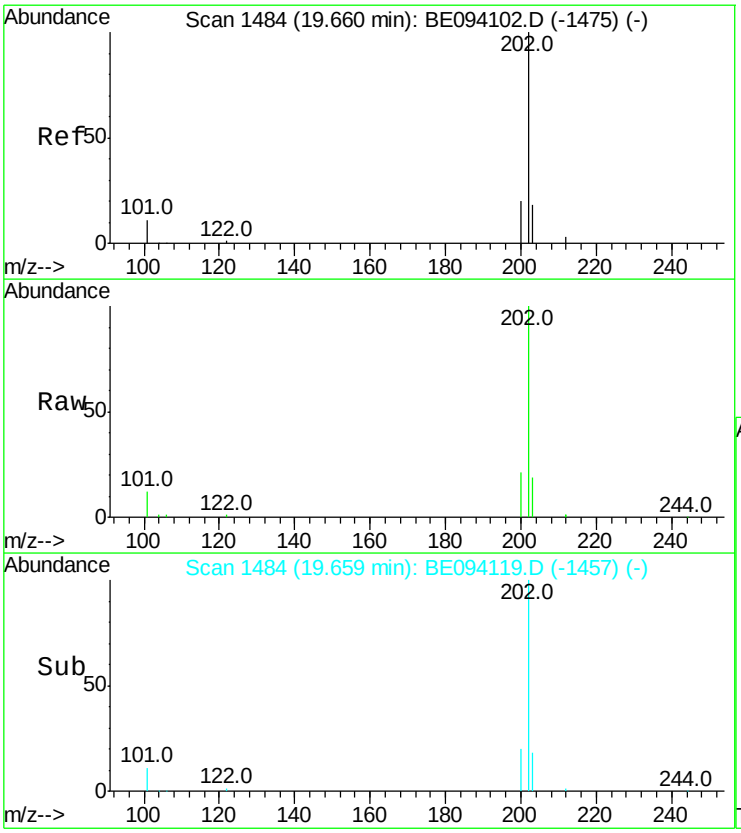
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 3482

Ion	Ratio	Lower	Upper
240	100		
120	21.0	5.5	8.3#
236	31.2	20.7	31.1#

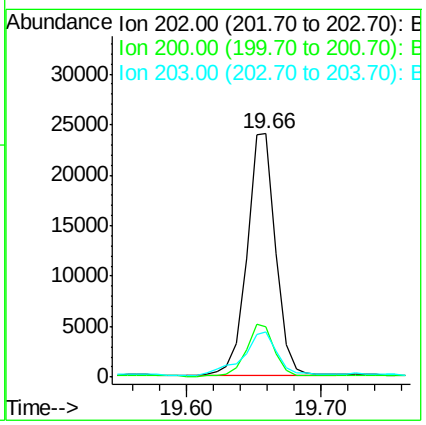


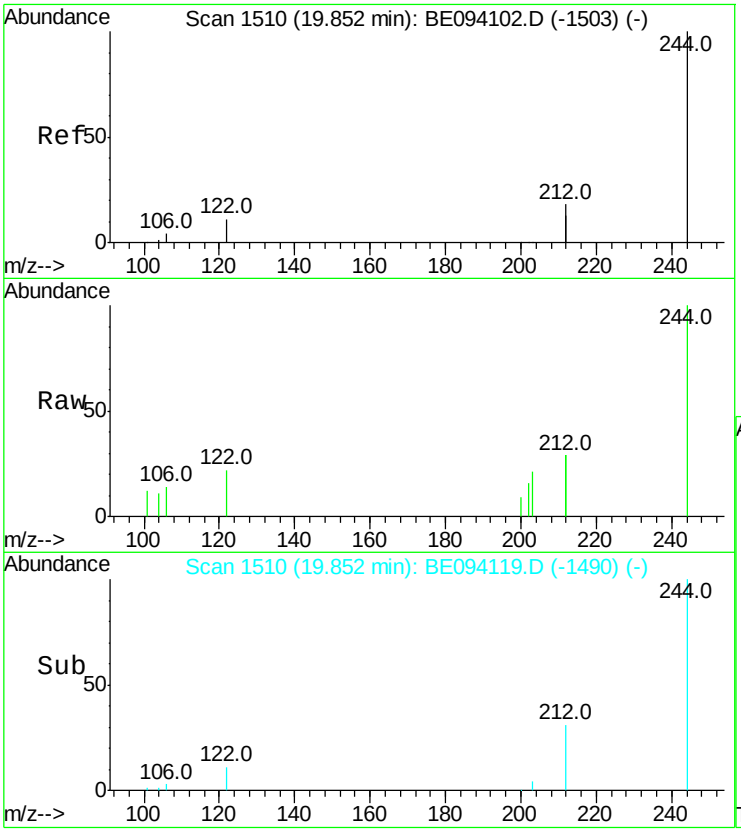


#28
Pyrene
Concen: 3.230 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:202 Resp: 35636

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	21.4	13.8	20.8#



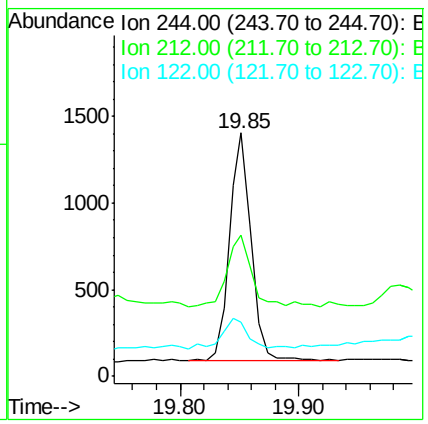


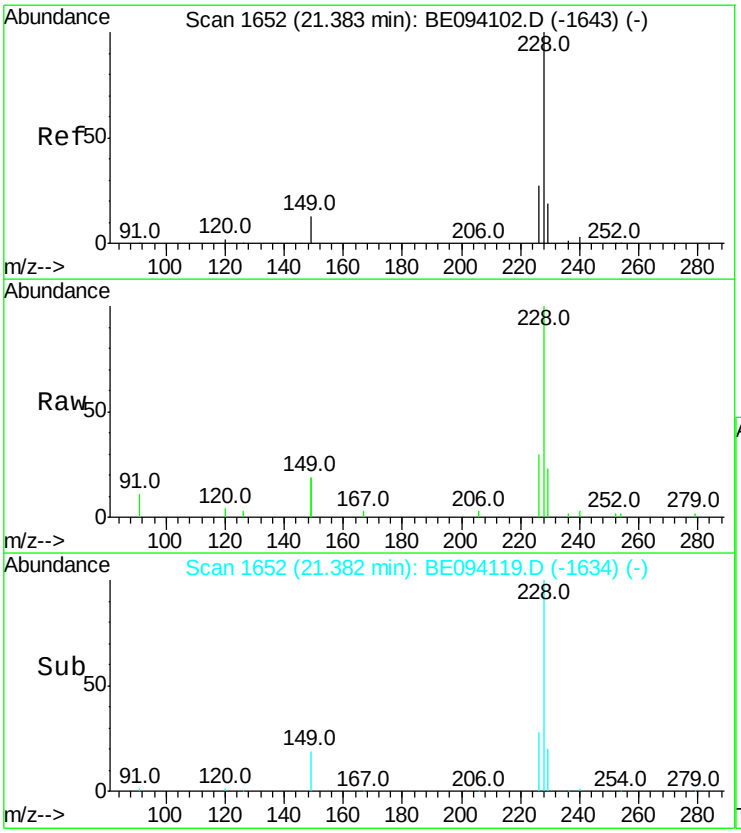
#29
Terphenyl-d14
Concen: 0.265 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 1685

Ion	Ratio	Lower	Upper
244	100		
212	58.0	25.4	38.0#
122	22.1	8.1	12.1#

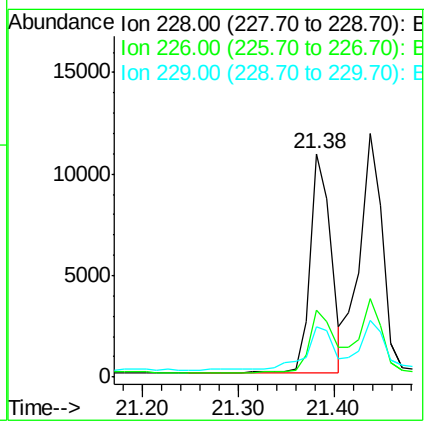


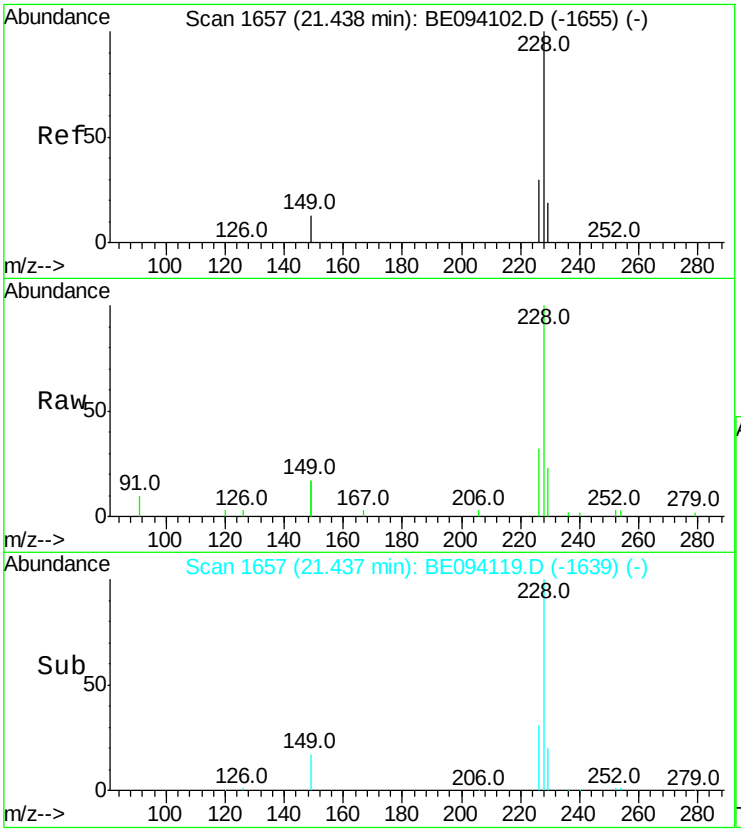


#30
Benzo(a)anthracene
Concen: 1.404 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:228 Resp: 16461

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.4	32.0
229	22.8	16.4	24.6



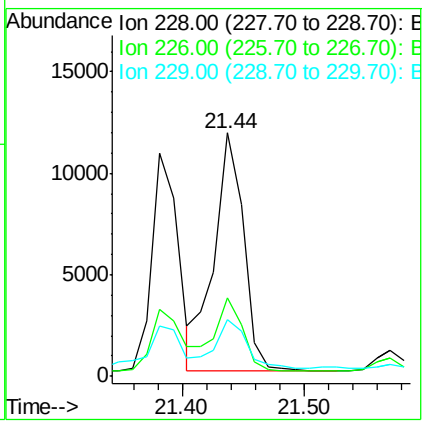


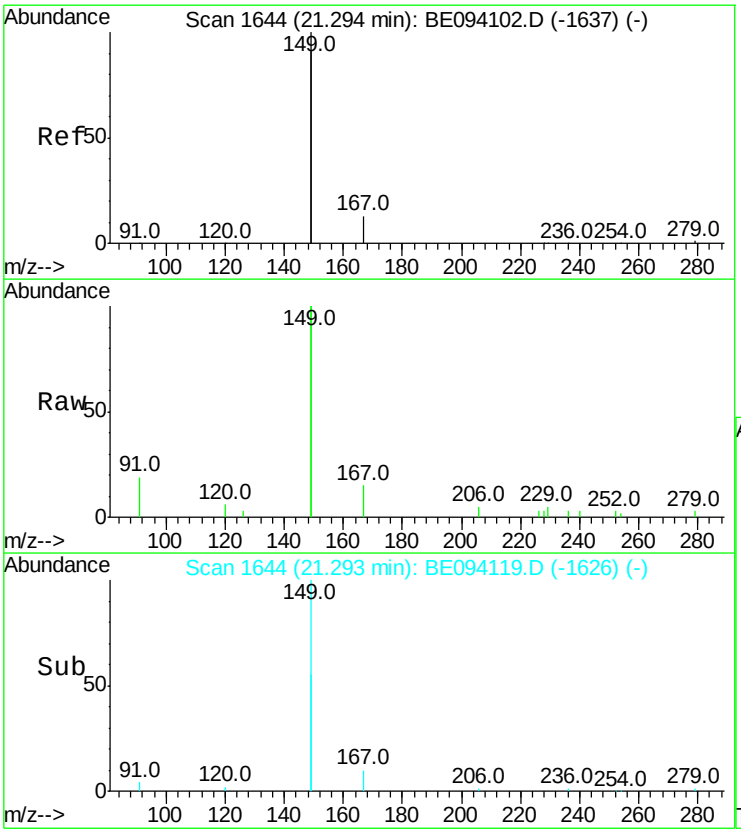
#31
Chrysene
Concen: 1.726 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 19534

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.6	35.4
229	23.1	16.4	24.6

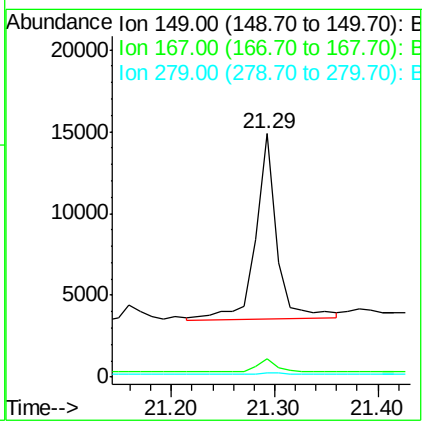


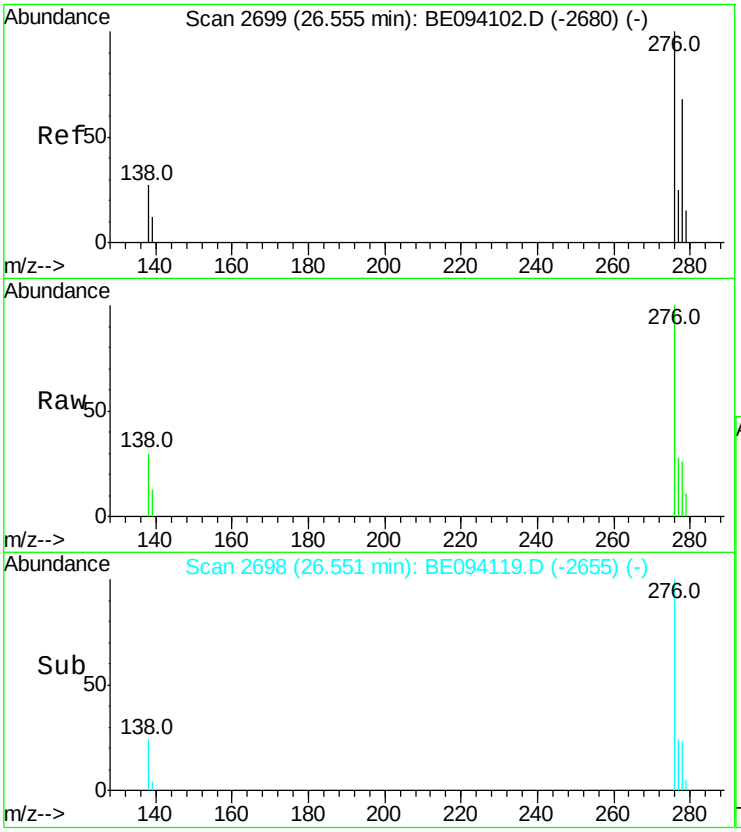


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.315 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:149 Resp: 16089

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



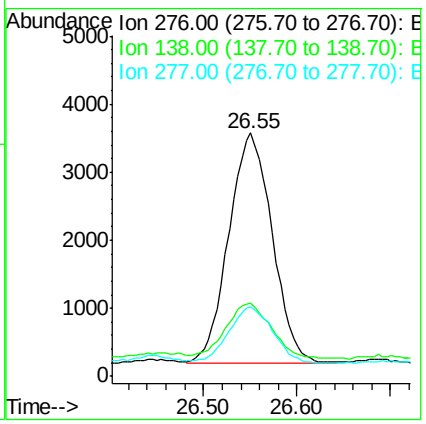


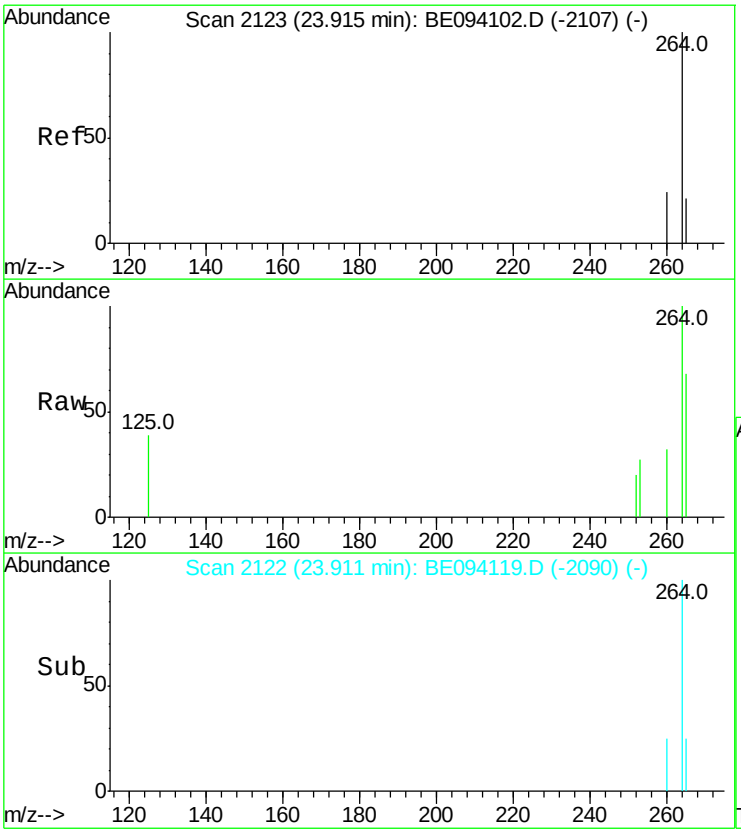
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.901 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10909

Ion	Ratio	Lower	Upper
276	100		
138	25.2	22.5	33.7
277	25.1	19.9	29.9

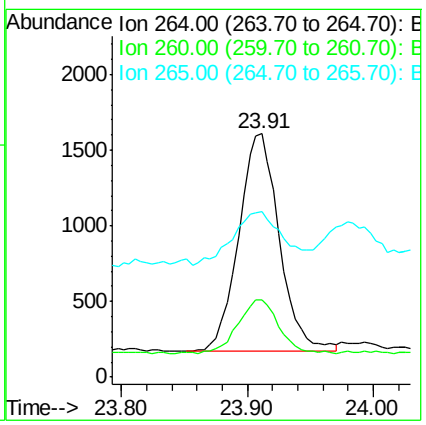


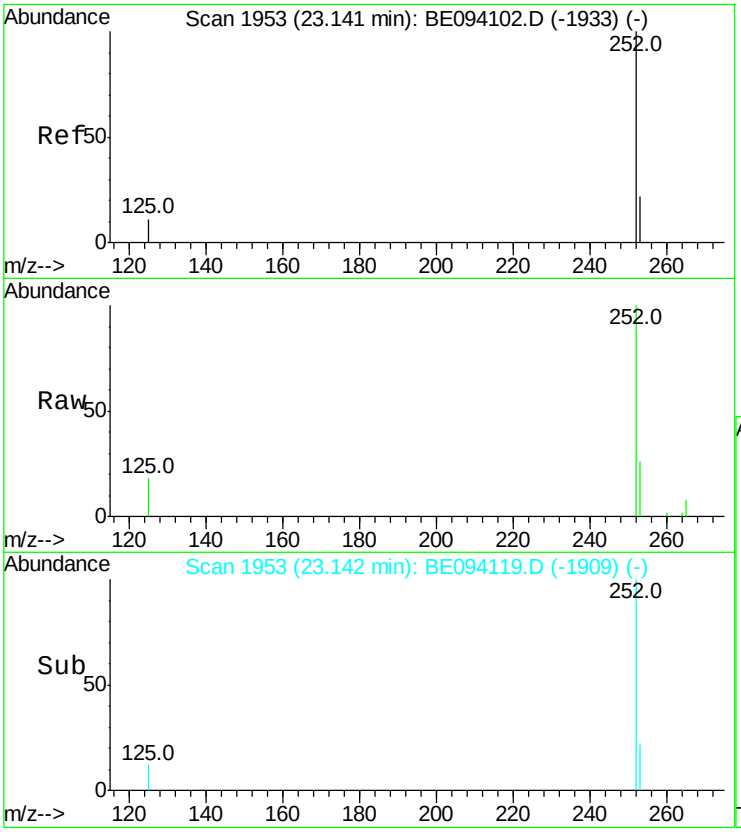


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:264 Resp: 3242

Ion	Ratio	Lower	Upper
264	100		
260	32.0	20.5	30.7#
265	68.0	22.8	34.2#



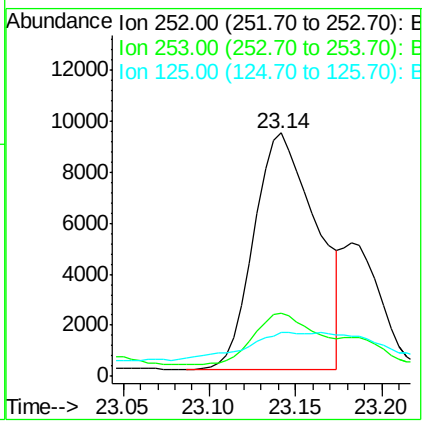


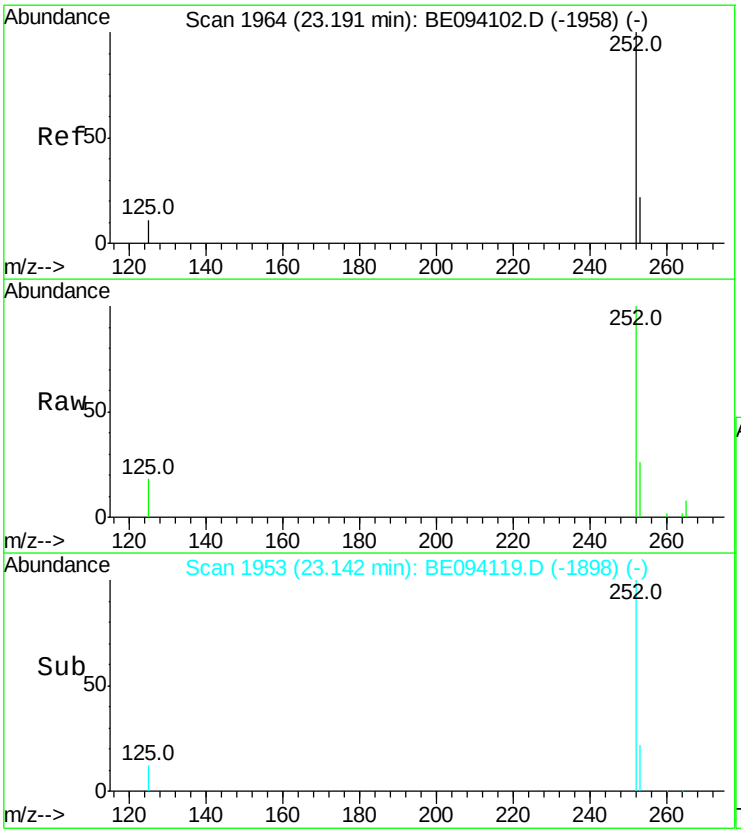
#35
Benzo(b)fluoranthene
Concen: 1.989 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23269

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.2	27.2
125	18.3	10.1	15.1#

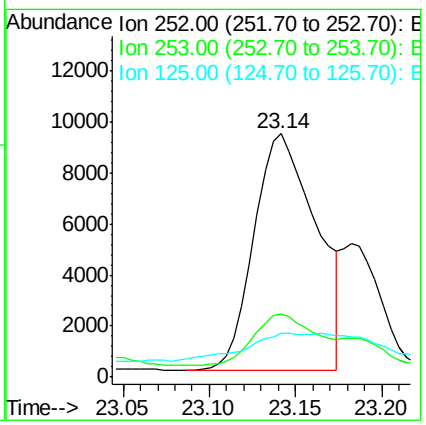


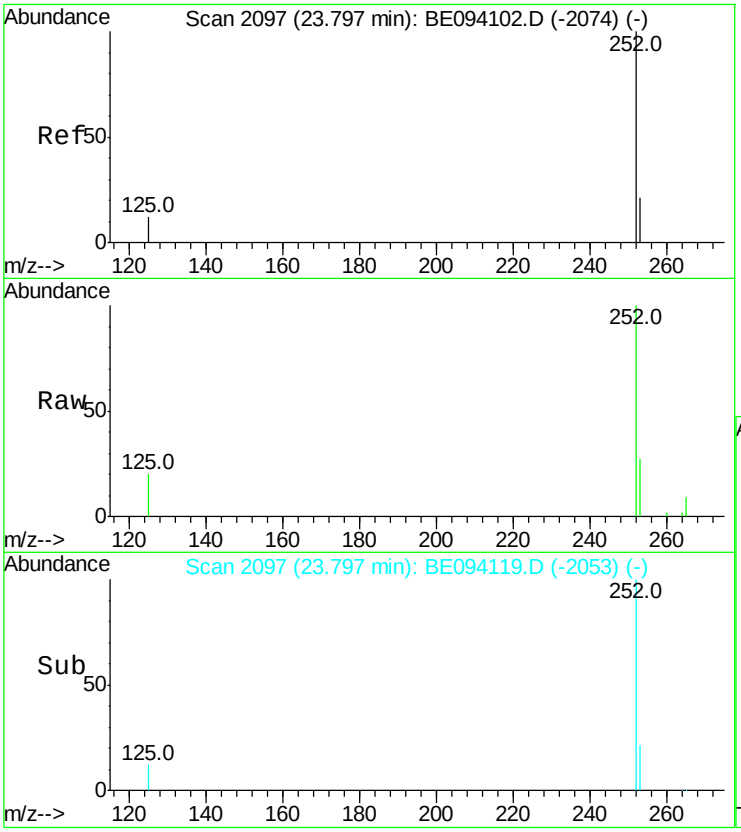


#36
Benzo(k)fluoranthene
Concen: 2.078 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:252 Resp: 23269

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.6	27.8
125	18.3	10.7	16.1#



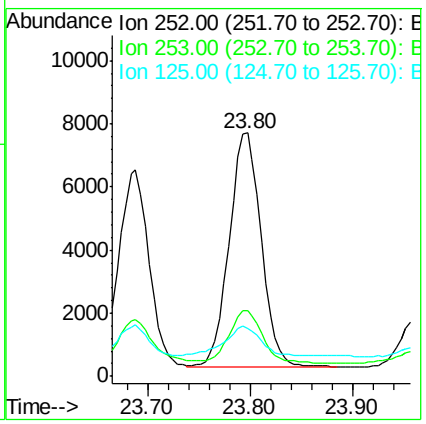


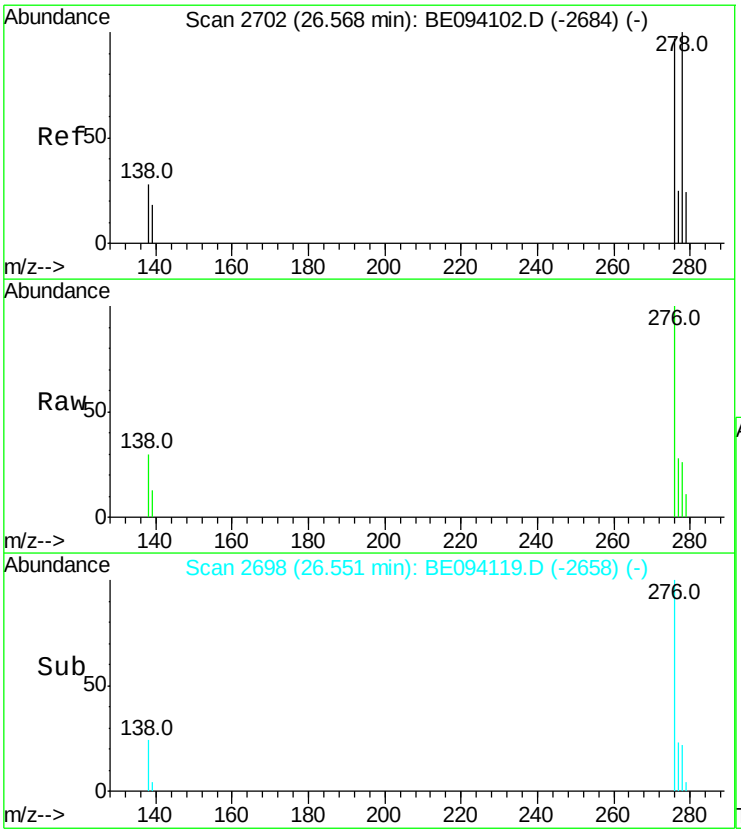
#37
Benzo(a)pyrene
Concen: 1.521 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16080

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.0	28.6
125	19.7	11.8	17.8#

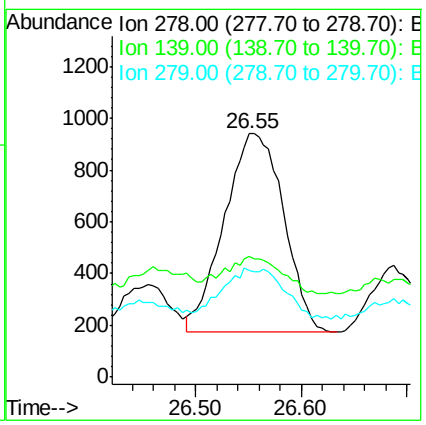


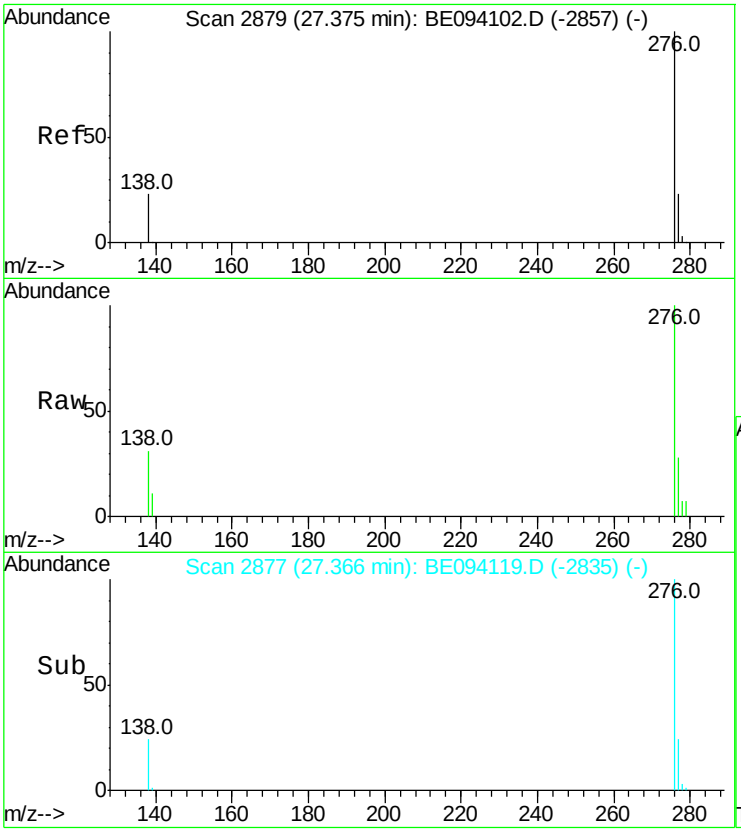


#38
Dibenzo(a,h)anthracene
Concen: 0.300 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.02 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Tgt Ion:278 Resp: 3005

Ion	Ratio	Lower	Upper
278	100		
139	49.5	16.3	24.5#
279	43.7	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 1.169 ng
RT: 27.37 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BE094119.D
Acq: 26 Sep 2017 1:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11587

Ion	Ratio	Lower	Upper
276	100		
277	28.3	20.8	31.2
138	30.8	21.5	32.3