Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094110.D
Acq On : 25 Sep 2017 19:53
Operator : SJ/JU
Sample : I5340-08RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 01:36:12 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	7.91	152	1542	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	7283	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	4525	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	16826	0.40	ng		0.00
27) Chrysene-d12	21.40	240	16655	0.40	ng		0.00
34) Perylene-d12	23.91	264	15570	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	1808	0.31	ng		0.00
5) Phenol-d6	7.09	99	2179	0.27	ng		0.00
8) Nitrobenzene-d5	9.06	82	1862	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	2196	0.20	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	477	0.16	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	3036	0.20	ng		0.00
25) Fluoranthene-d10	19.27	212	28528	0.18	ng		0.00
29) Terphenyl-d14	19.85	244	4161	0.14	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.65	42	372	0.097	ng	#	1
6) bis(2-Chloroethyl)ether	7.34	93	757	0.120	ng	#	1
9) Naphthalene	10.74	128	2272	0.028	ng	#	90
10) Hexachlorobutadiene	11.09	225	4	0.001	ng	#	17
12) 2-Methylnaphthalene	12.35	142	356	0.027	ng	#	78
16) Acenaphthylene	14.23	152	4625	0.204	ng		99
17) Acenaphthene	14.57	154	510	0.036	ng	#	87
18) Fluorene	15.56	166	1301	0.068	ng	#	84
20) 4-Bromophenyl-phenylether	16.49	248	4	0.001	ng	#	2
21) Hexachlorobenzene	16.45	284	6	0.001	ng	#	38
22) Pentachlorophenol	16.91	266	123	0.031	ng		90
23) Phenanthrene	17.27	178	40176	0.933	ng		98
24) Anthracene	17.37	178	4946	0.110	ng	#	94
26) Fluoranthene	19.29	202	86727	1.798	ng		99
28) Pyrene	19.65	202	86370	1.637	ng	#	96
30) Benzo(a)anthracene	21.38	228	41820	0.746	ng		98
31) Chrysene	21.44	228	51720	0.956	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	32832	Below Cal			100
33) Indeno(1,2,3-cd)pyrene	26.55	276	31750	0.548	ng		96
35) Benzo(b)fluoranthene	23.14	252	66125	1.177	ng		98
36) Benzo(k)fluoranthene	23.14	252	66125	1.229	ng		100
37) Benzo(a)pyrene	23.79	252	45104	0.889	ng		99
38) Dibenzo(a,h)anthracene	26.56	278	7796	0.162	ng	#	84
39) Benzo(g,h,i)perylene	27.37	276	32430	0.682	ng		99

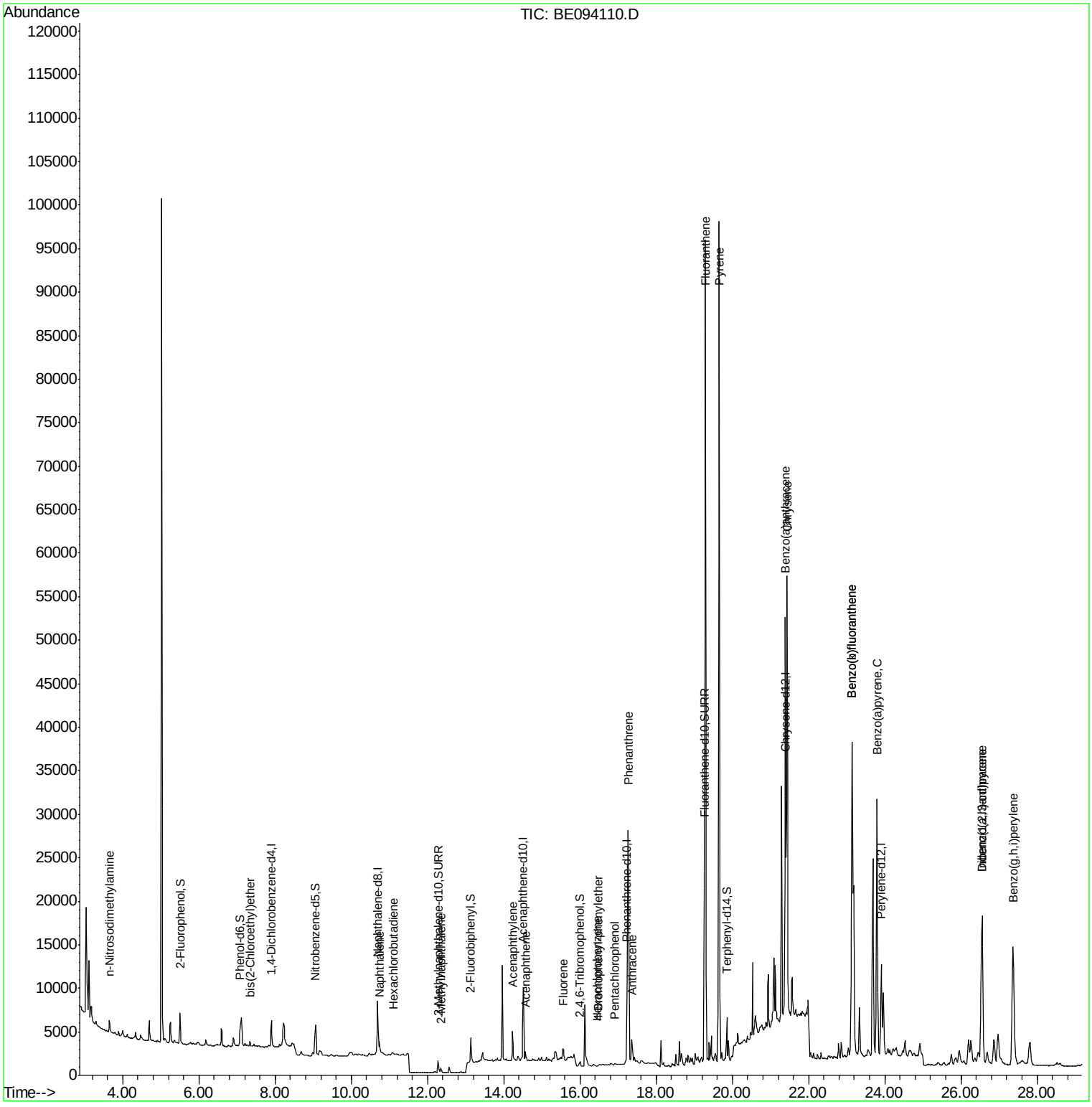
(#) = qualifier out of range (m) = manual integration (+) = signals summed

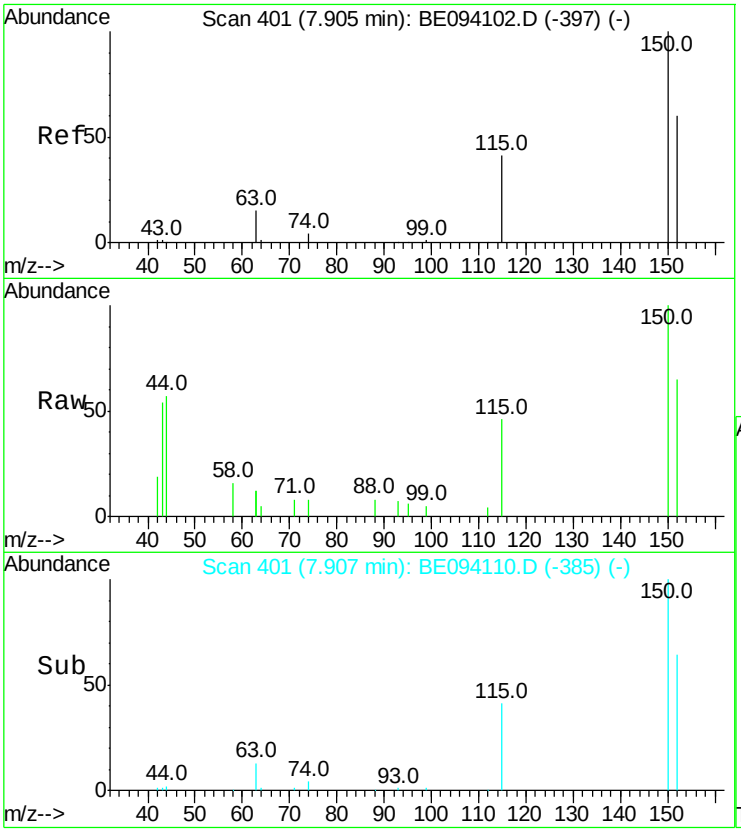
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094110.D
Acq On : 25 Sep 2017 19:53
Operator : SJ/JU
Sample : I5340-08RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 01:36:12 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



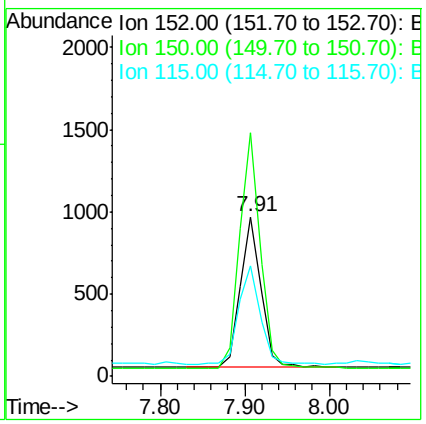


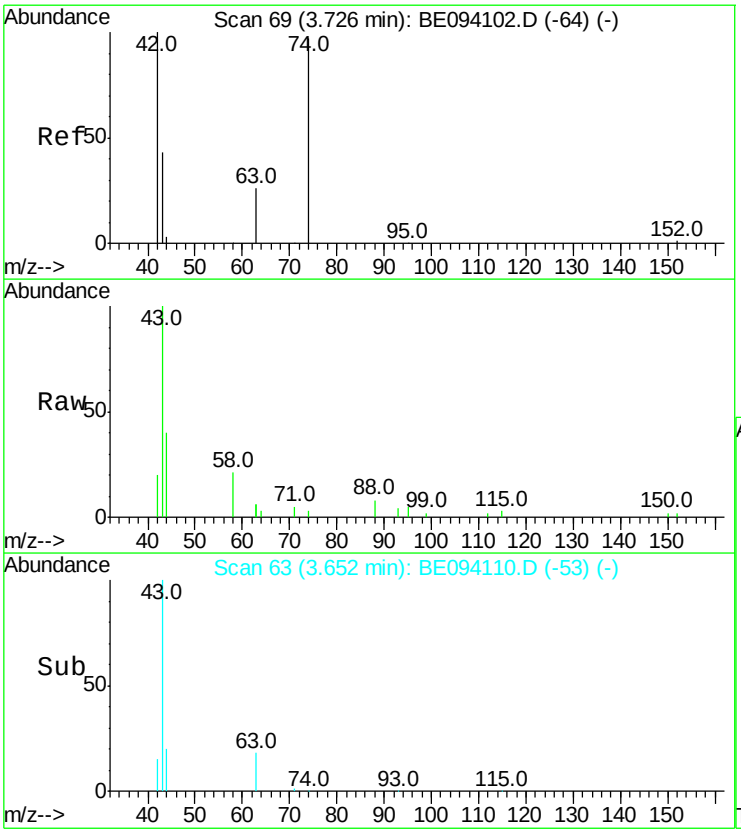
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1542

Ion	Ratio	Lower	Upper
152	100		
150	152.7	117.2	175.8
115	69.6	57.0	85.6

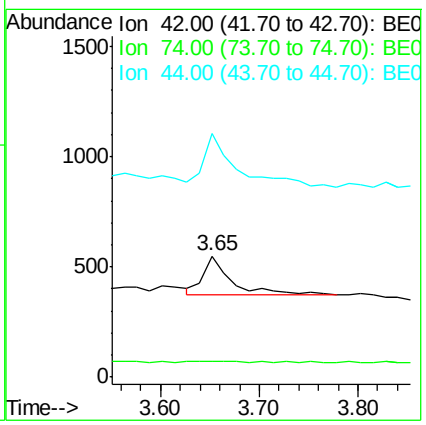


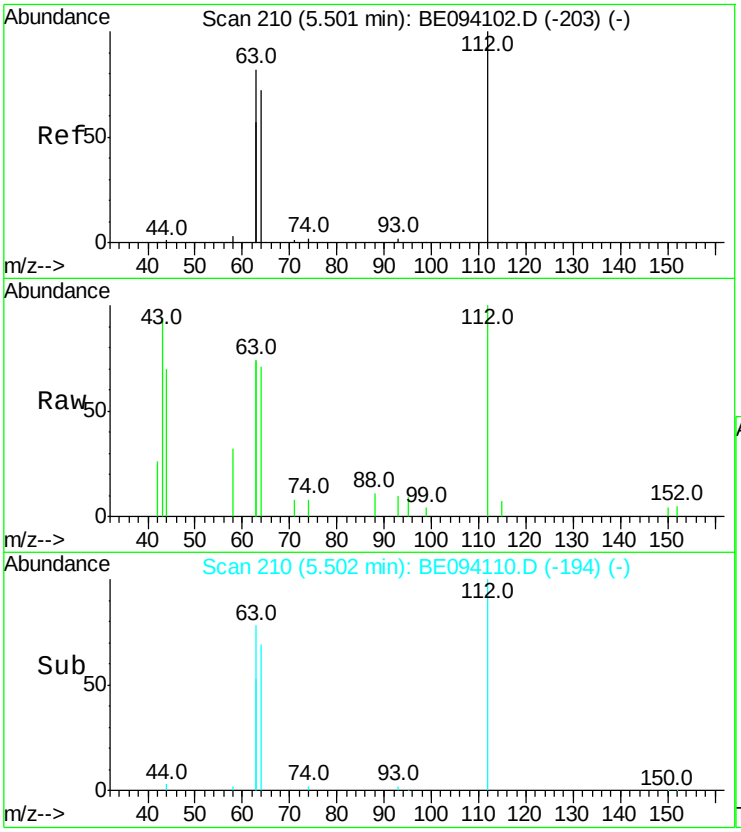


#3
n-Nitrosodimethylamine
Concen: 0.097 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.07 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion: 42 Resp: 372

Ion	Ratio	Lower	Upper
42	100		
74	7.8	100.3	150.5#
44	149.7	17.0	25.4#



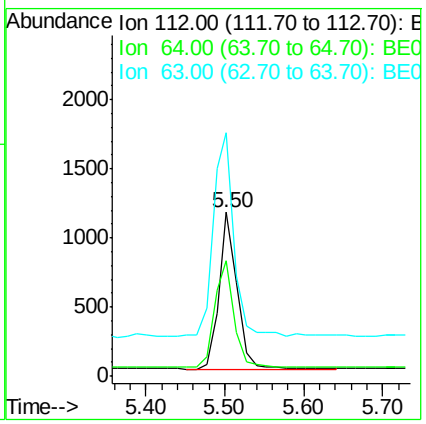


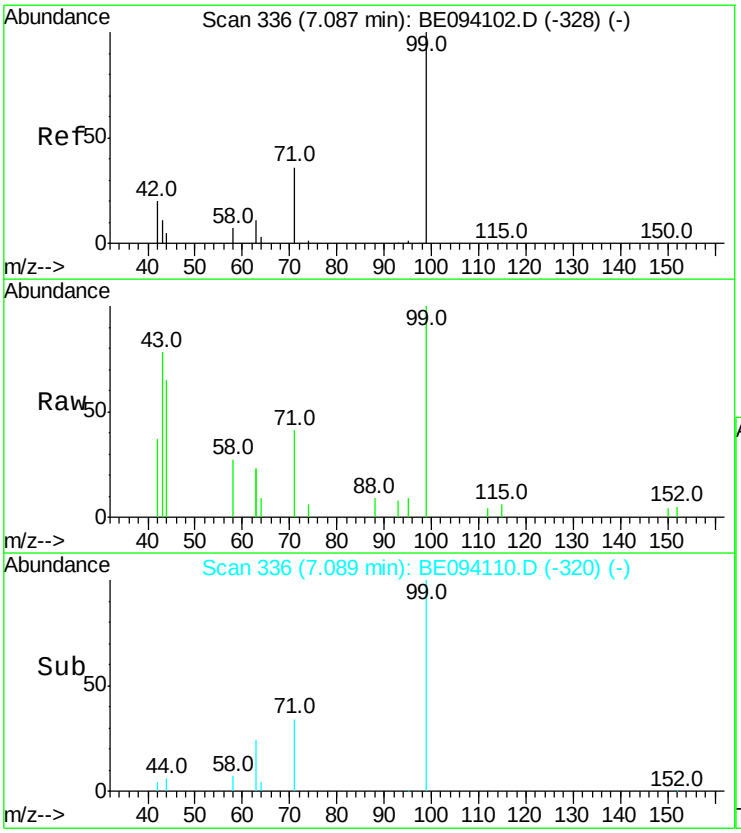
#4
2-Fluorophenol
Concen: 0.309 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 1808

Ion	Ratio	Lower	Upper
112	100		
64	73.0	60.1	90.1
63	149.9	116.8	175.2

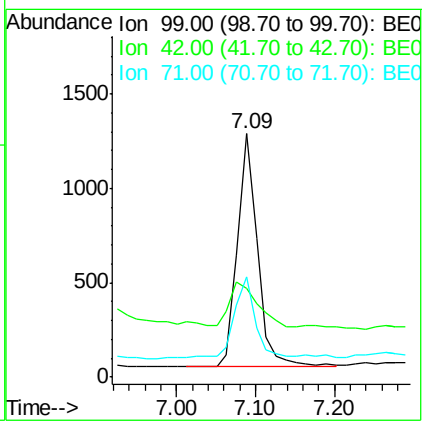


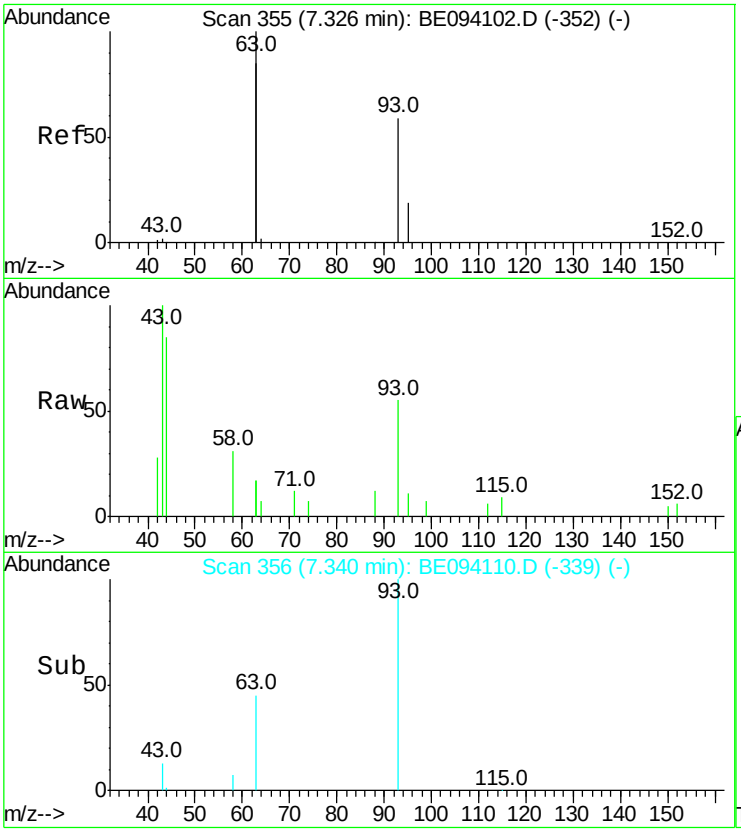


#5
Phenol-d6
Concen: 0.268 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion: 99 Resp: 2179

Ion	Ratio	Lower	Upper
99	100		
42	27.5	20.2	30.2
71	39.9	28.4	42.6



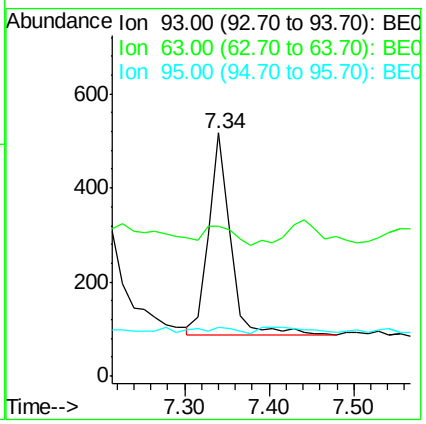


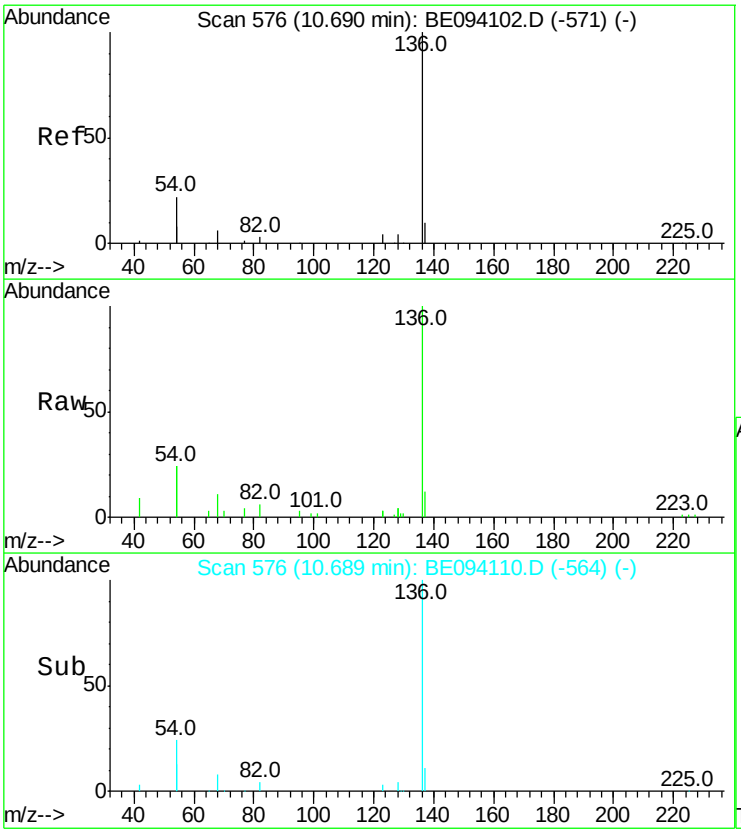
#6
bis(2-Chloroethyl)ether
Concen: 0.120 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.01 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 757

Ion	Ratio	Lower	Upper
93	100		
63	12.8	275.3	412.9#
95	4.9	25.2	37.8#

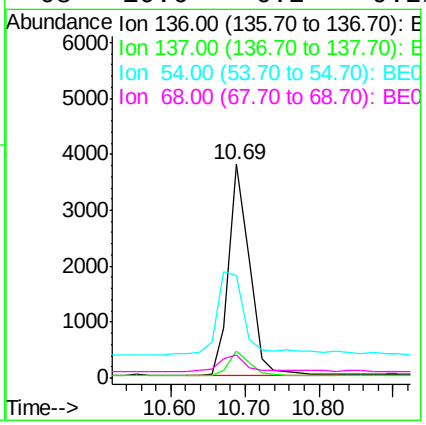


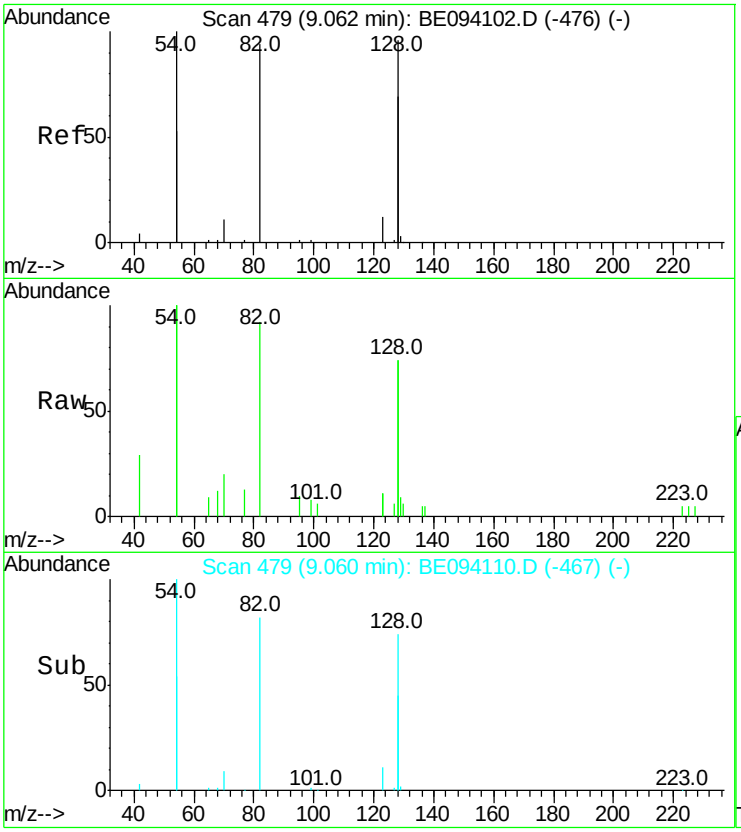


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:136 Resp: 7283

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	47.7	29.1	43.7#
68	10.6	6.2	9.2#



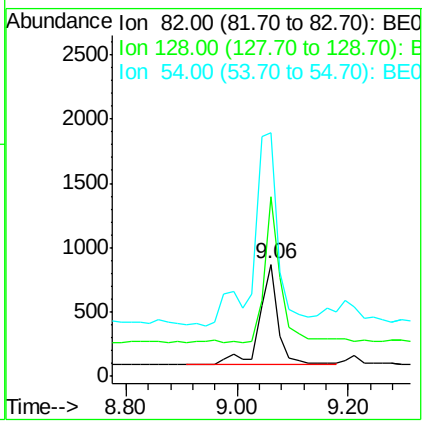


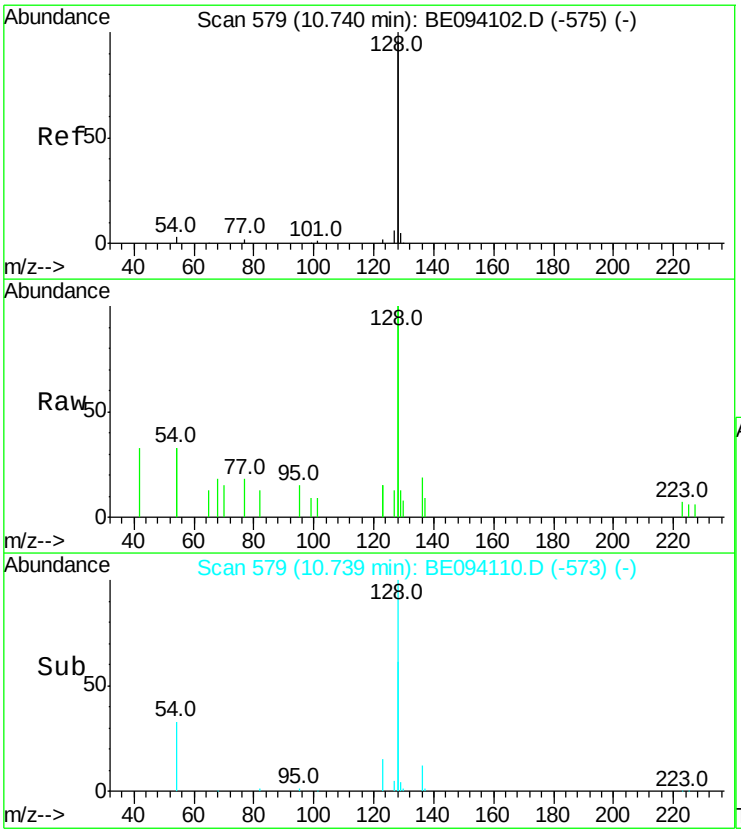
#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1862

Ion	Ratio	Lower	Upper
82	100		
128	160.1	150.0	225.0
54	217.0	154.2	231.4

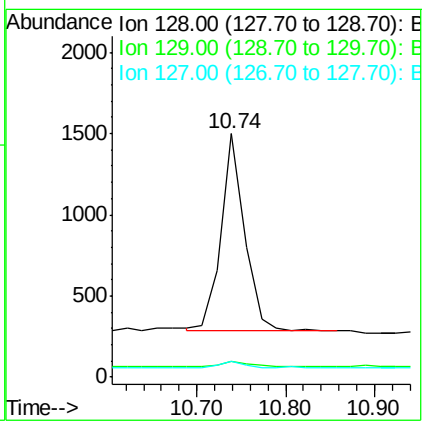


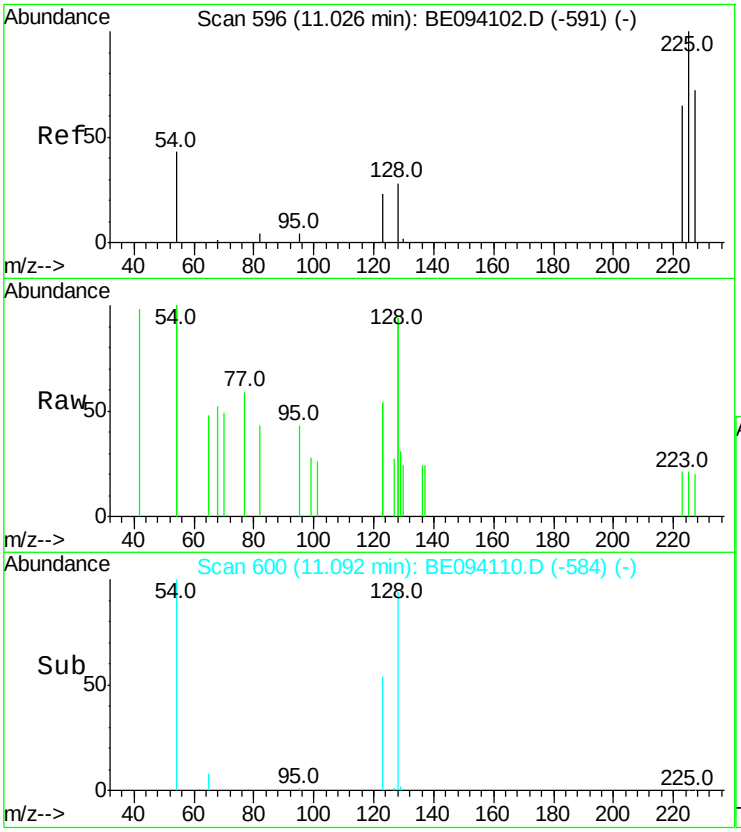


#9
Naphthalene
Concen: 0.028 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:128 Resp: 2272

Ion	Ratio	Lower	Upper
128	100		
129	6.5	2.6	3.8#
127	6.5	2.8	4.2#



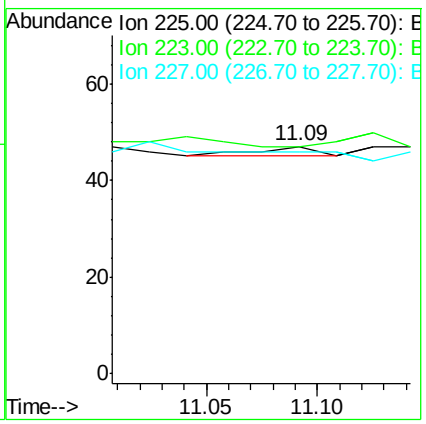


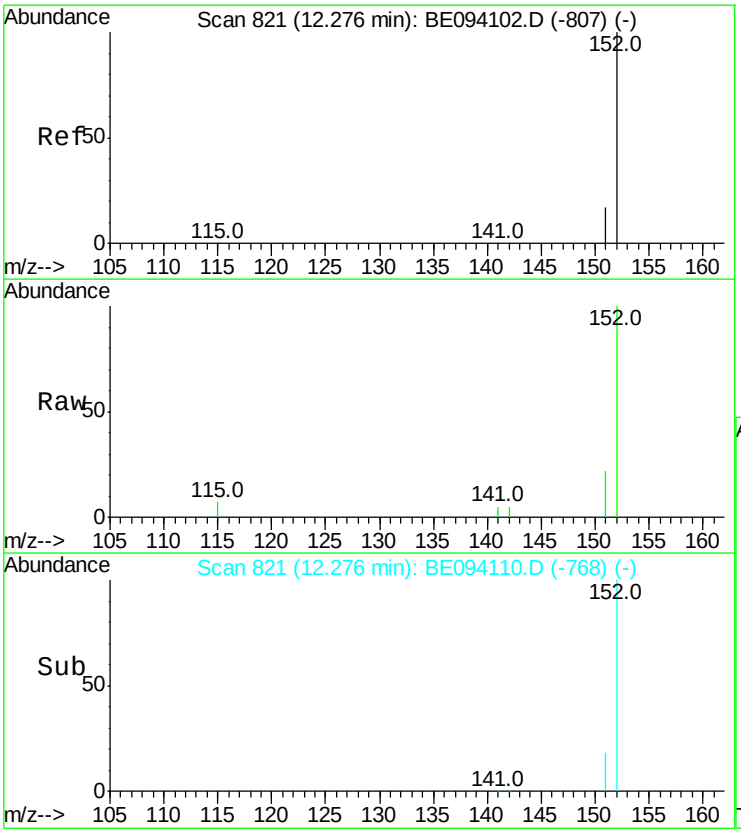
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.09 min Scan# 600
Delta R.T. 0.07 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 4

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

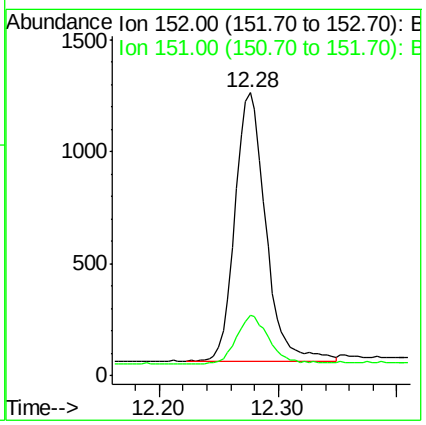


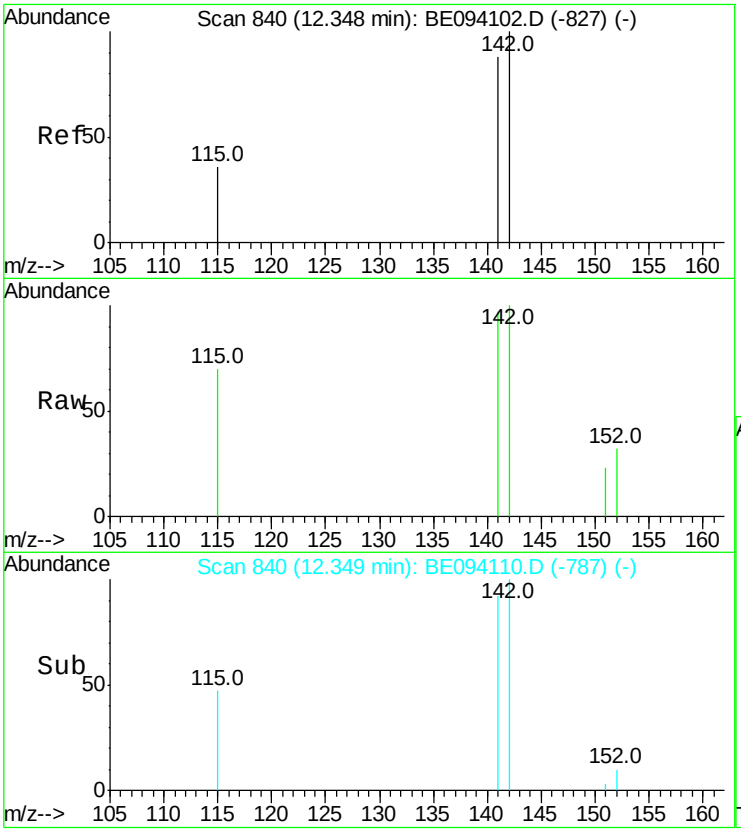


#11
2-Methylnaphthalene-d10
Concen: 0.196 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:152 Resp: 2196

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0



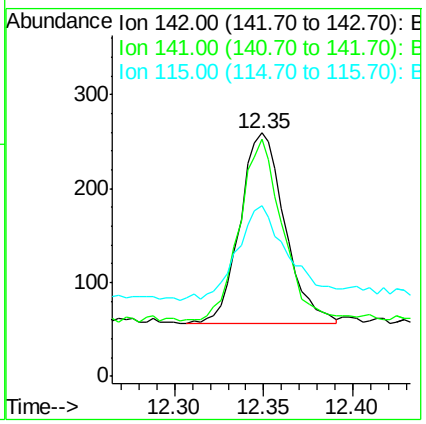


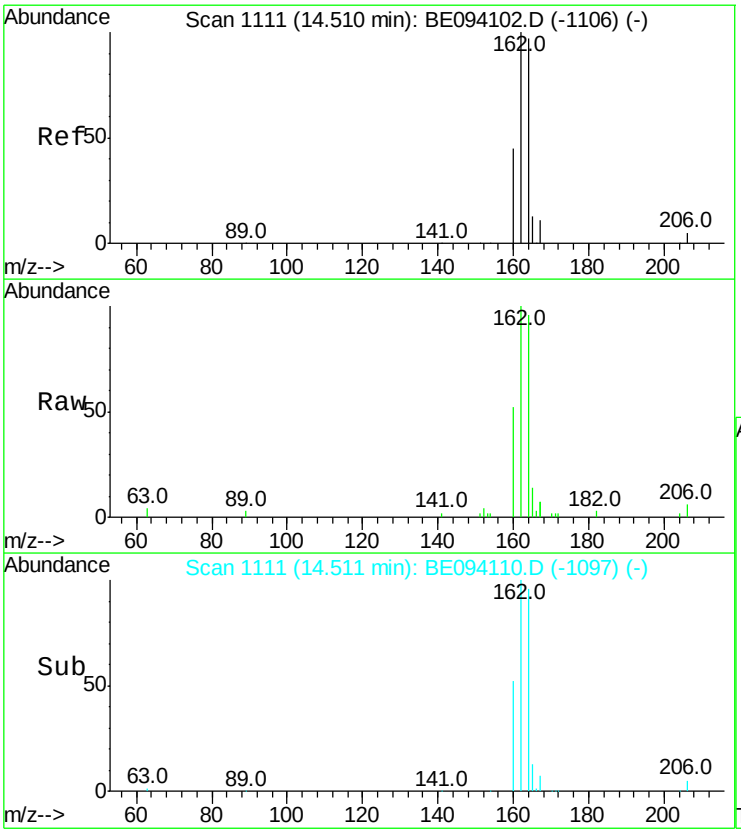
#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 12.35 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 356

Ion	Ratio	Lower	Upper
142	100		
141	97.3	70.4	105.6
115	69.9	31.7	47.5#

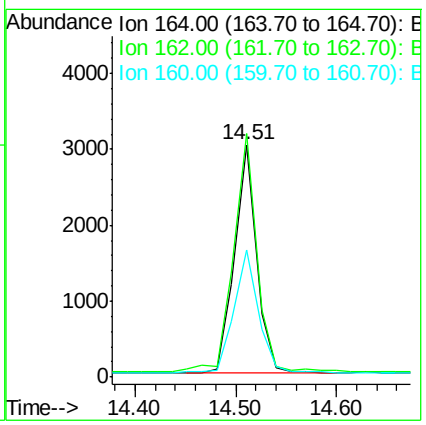


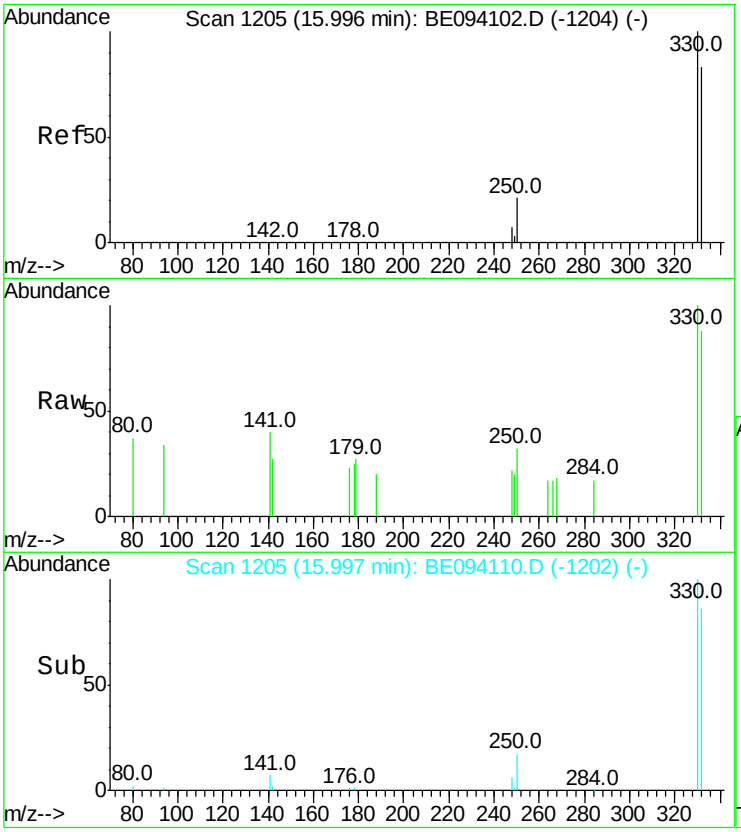


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:164 Resp: 4525

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.1	124.7
160	54.6	37.1	55.7



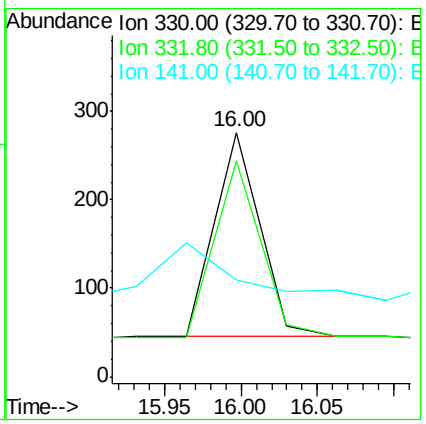


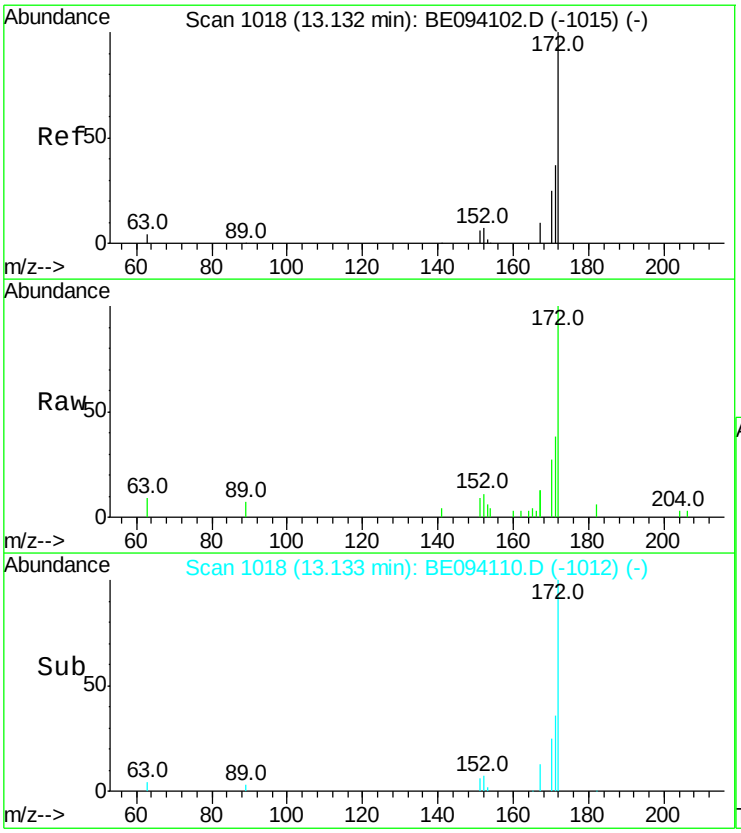
#14
2,4,6-Tribromophenol
Concen: 0.161 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 477

Ion	Ratio	Lower	Upper
330	100		
332	88.5	152.7	229.1#
141	0.0	33.7	50.5#

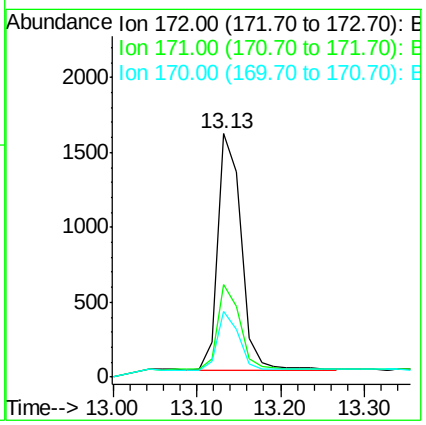


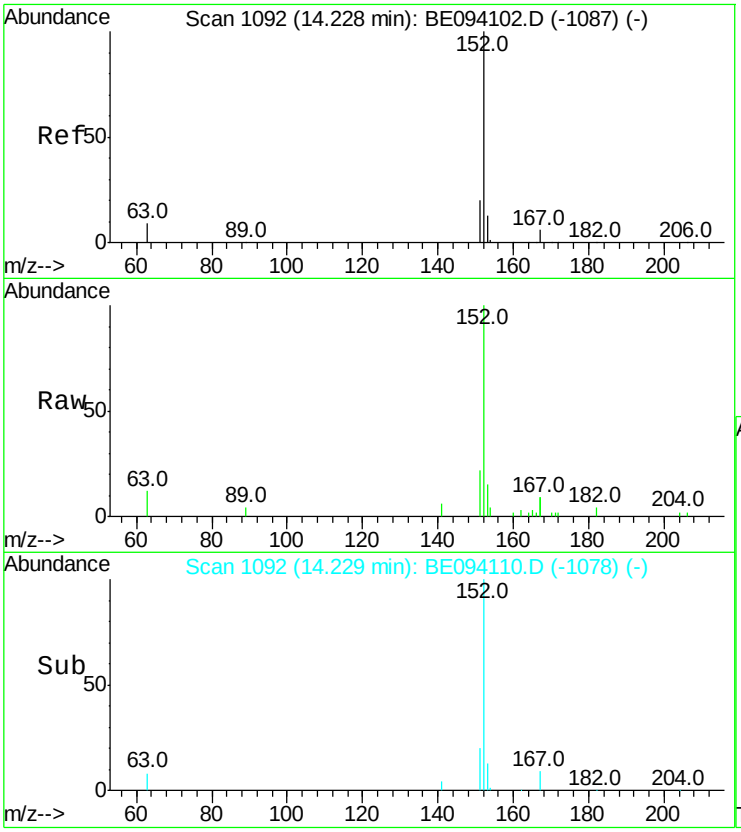


#15
2-Fluorobiphenyl
Concen: 0.203 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:172 Resp: 3036

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.9	44.9
170	27.1	21.8	32.8



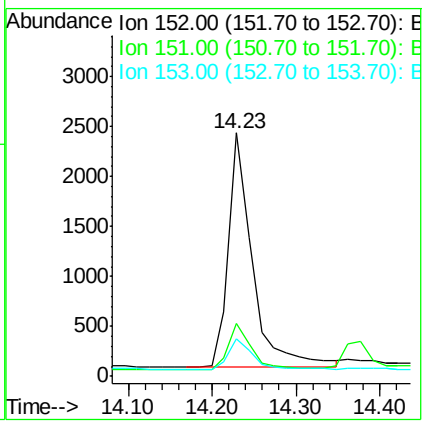


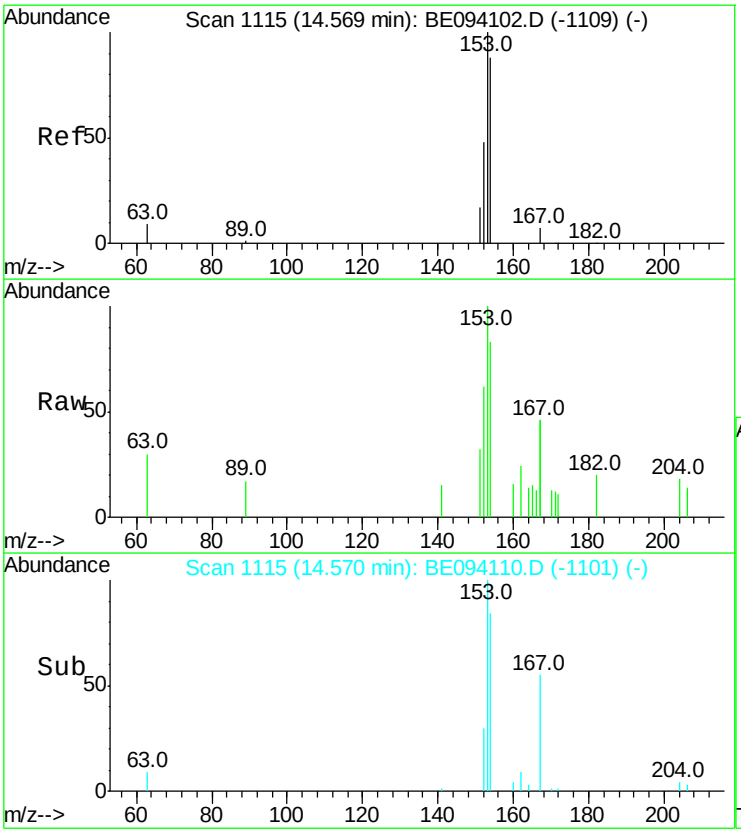
#16
Acenaphthylene
Concen: 0.204 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4625

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	14.0	10.5	15.7

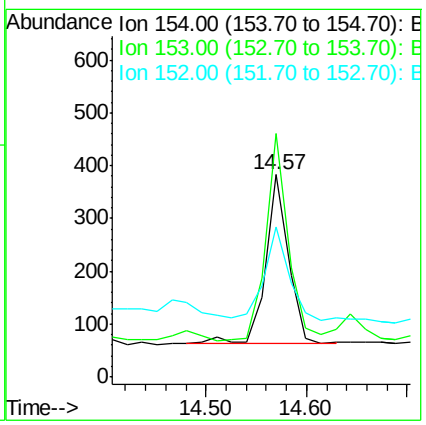


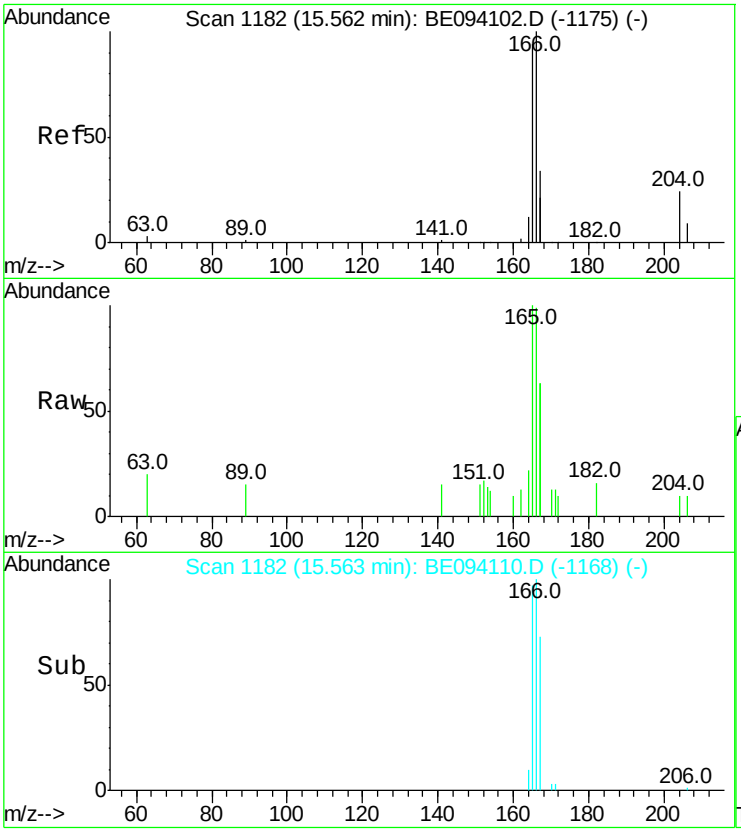


#17
Acenaphthene
Concen: 0.036 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:154 Resp: 510

Ion	Ratio	Lower	Upper
154	100		
153	121.6	89.2	133.8
152	67.8	42.0	63.0#



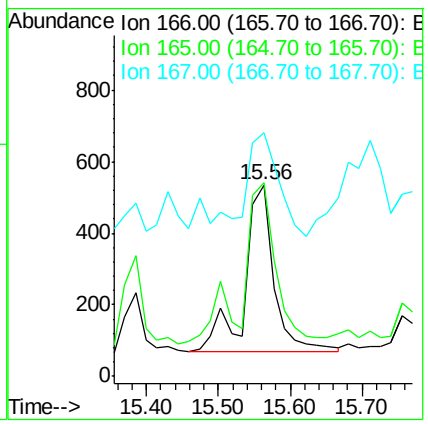


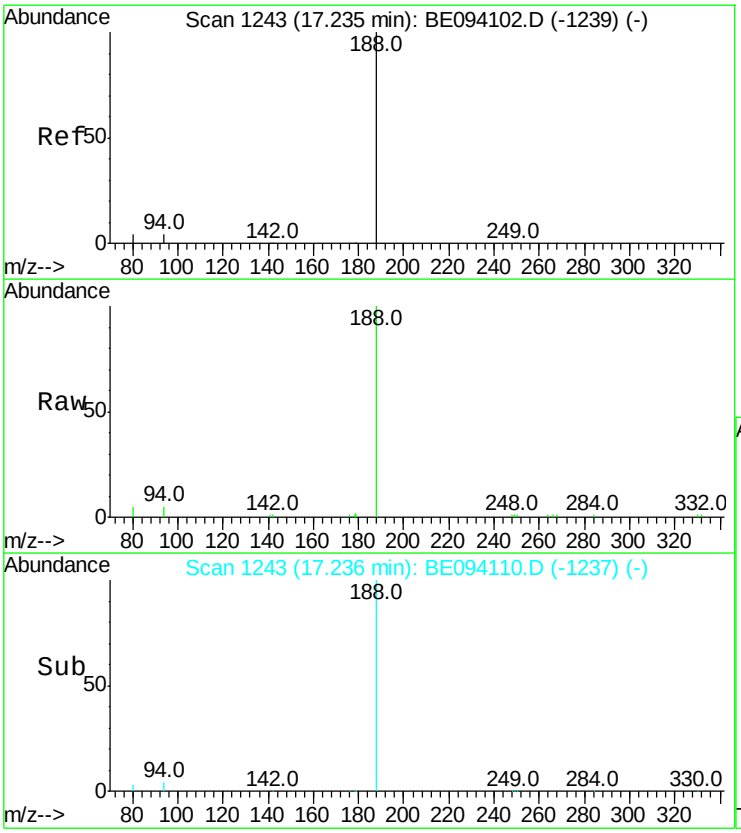
#18
Fluorene
Concen: 0.068 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1301

Ion	Ratio	Lower	Upper
166	100		
165	113.0	77.8	116.6
167	63.8	42.4	63.6#

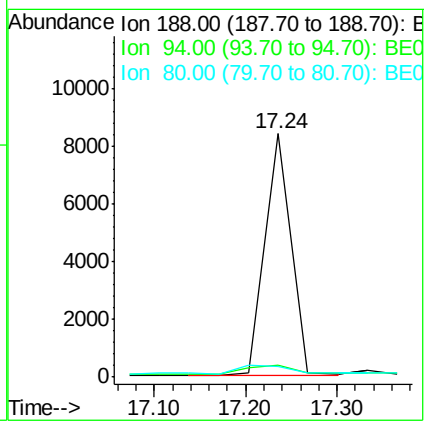


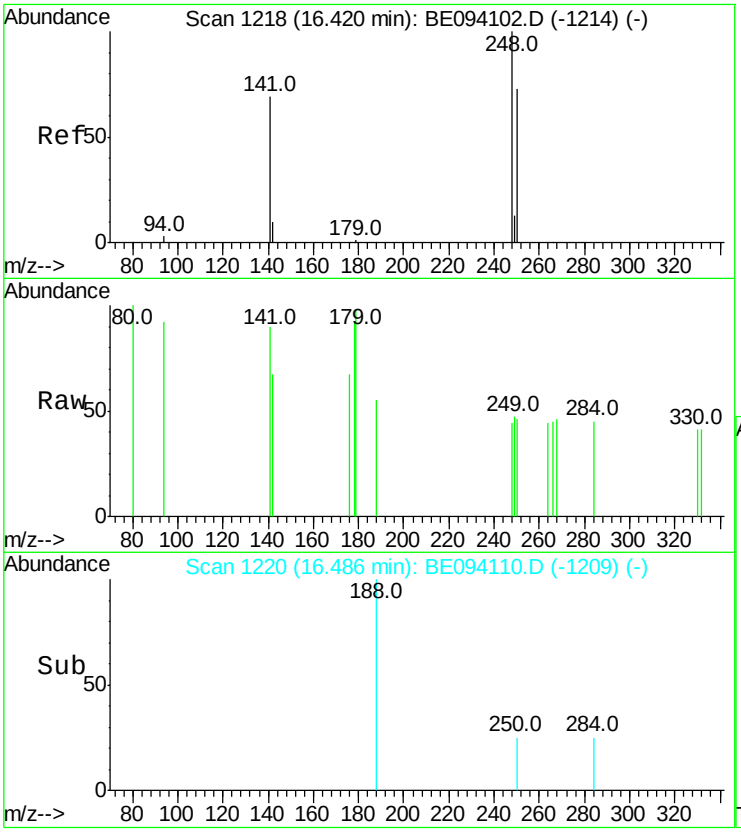


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:188 Resp: 16826

Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.9	5.9
80	4.5	3.6	5.4



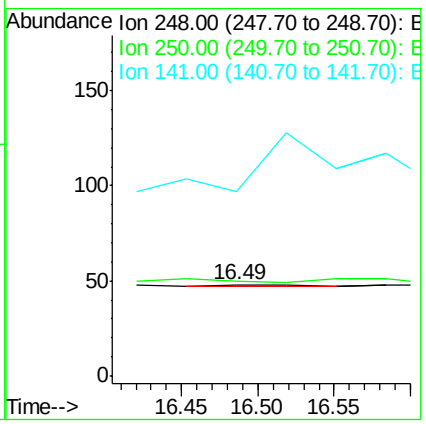


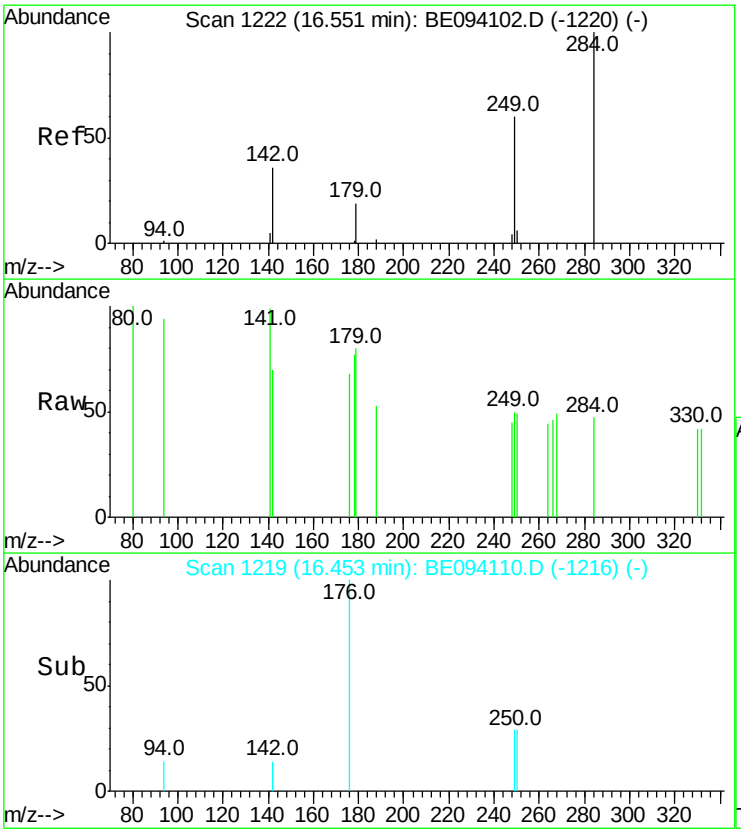
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.49 min Scan# 1220
Delta R.T. 0.07 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 4

Ion	Ratio	Lower	Upper
248	100		
250	104.2	62.7	94.1#
141	202.1	48.2	72.2#

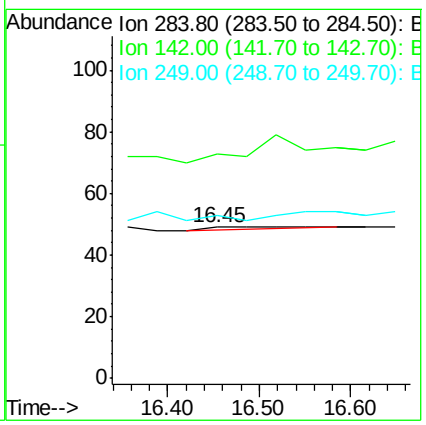


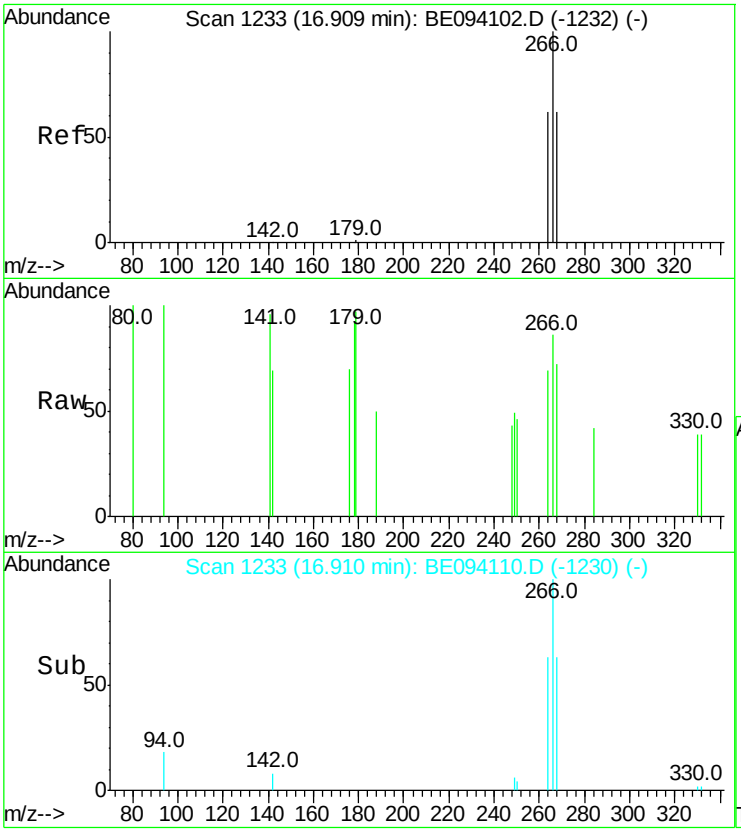


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.10 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:284 Resp: 6

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



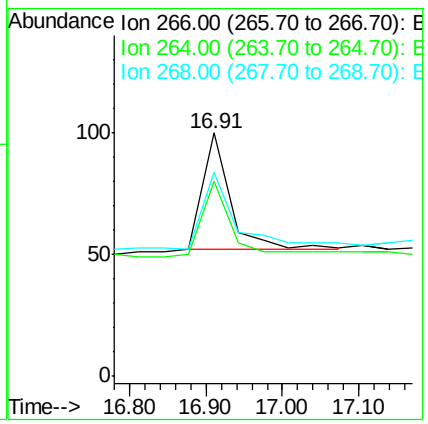


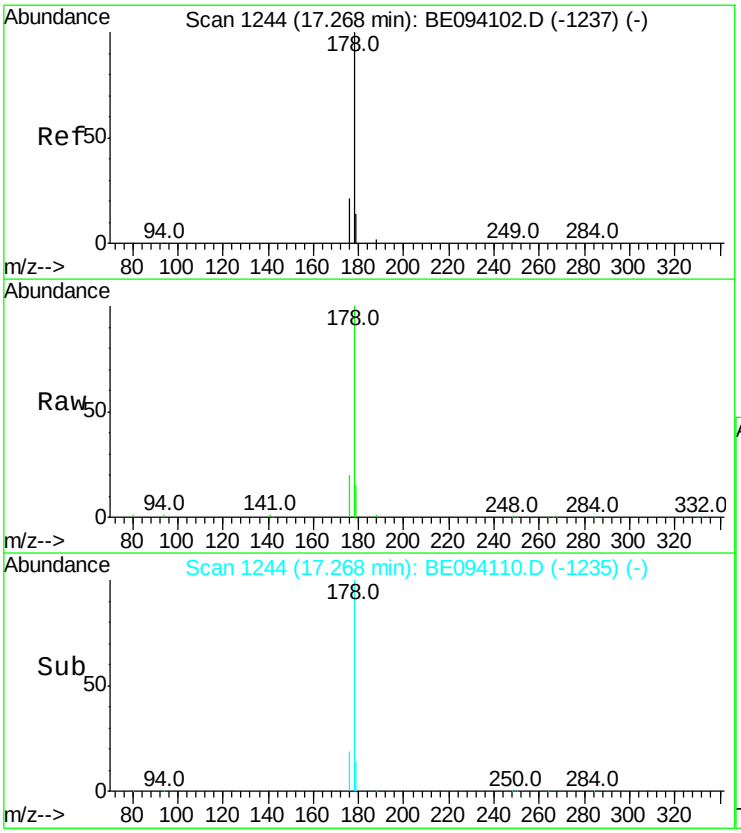
#22
Pentachlorophenol
Concen: 0.031 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 123

Ion	Ratio	Lower	Upper
266	100		
264	80.0	72.5	108.7
268	84.0	73.8	110.6

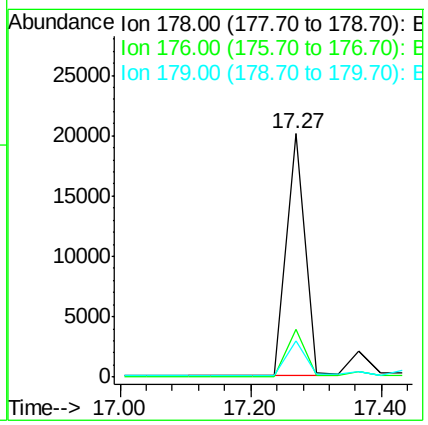


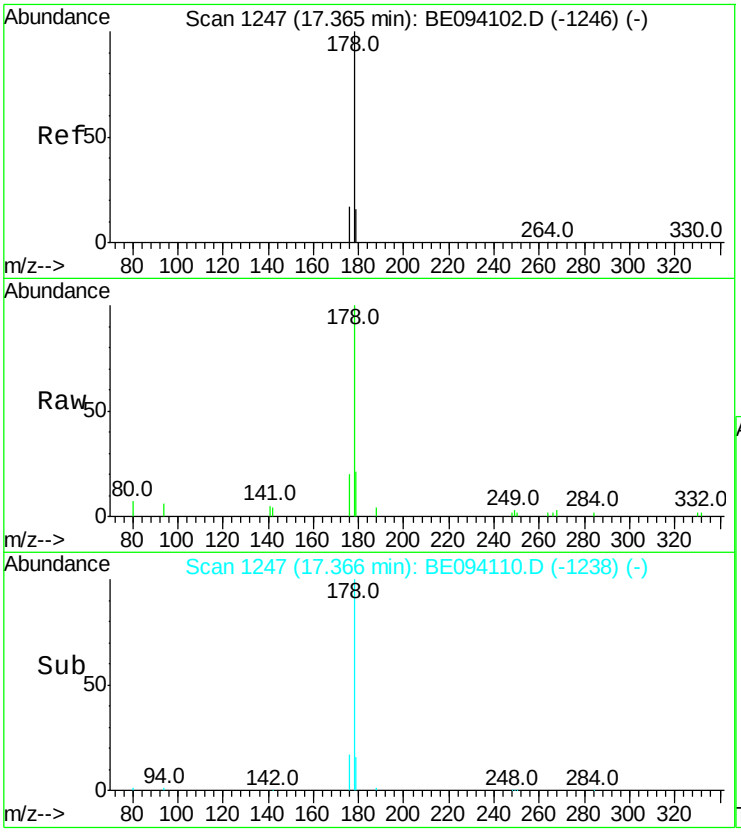


#23
Phenanthrene
Concen: 0.933 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:178 Resp: 40176

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.5	11.8	17.6



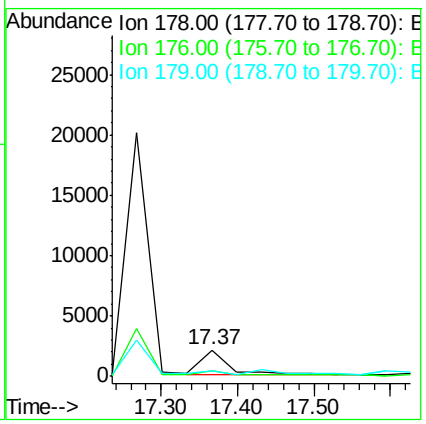


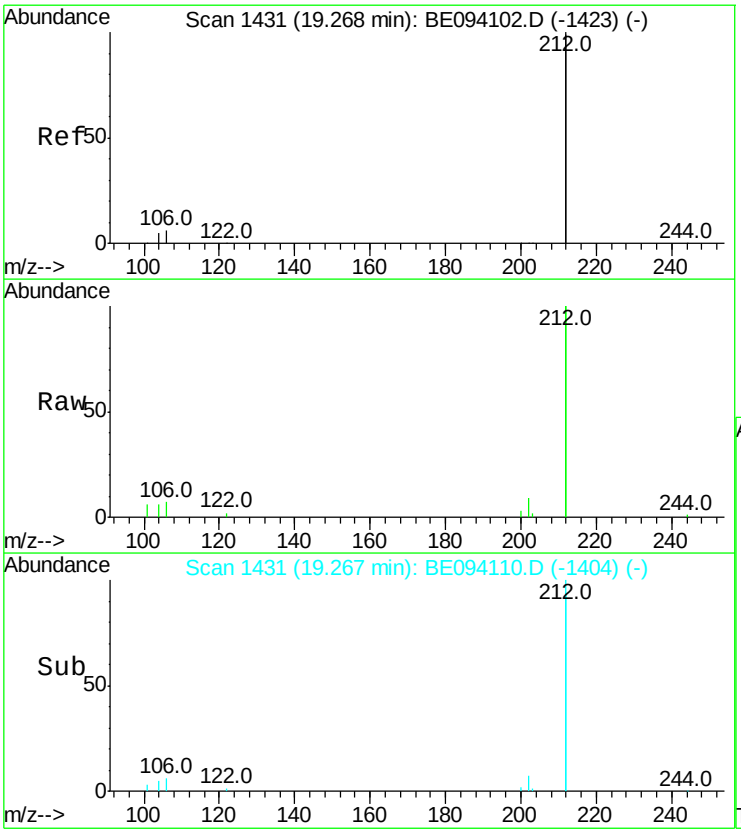
#24
Anthracene
Concen: 0.110 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4946

Ion	Ratio	Lower	Upper
178	100		
176	17.5	12.8	19.2
179	12.5	13.0	19.6#

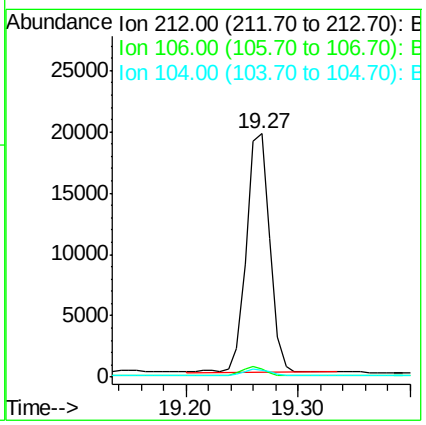


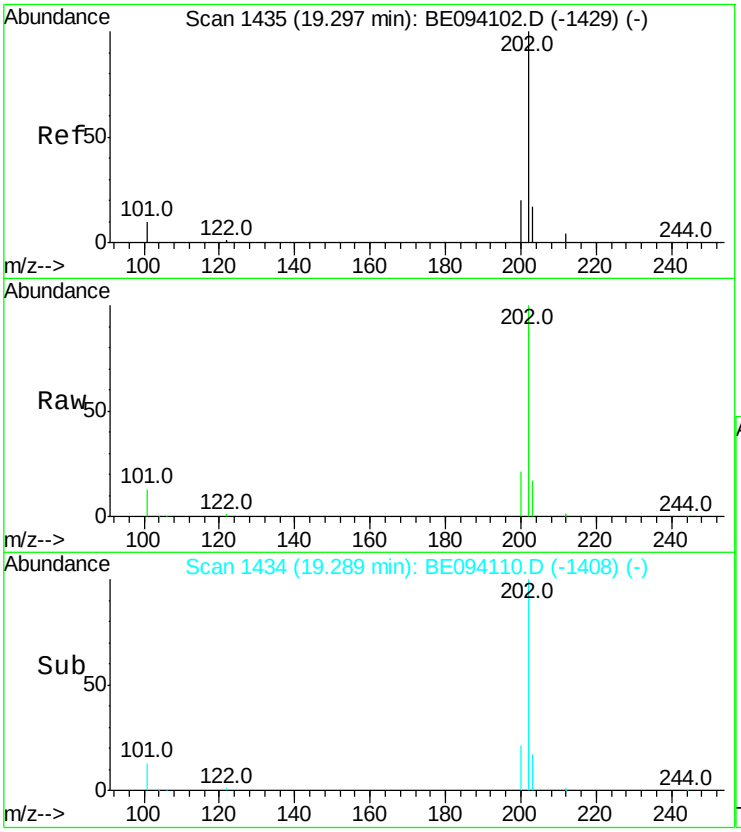


#25
Fluoranthene-d10
Concen: 0.175 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:212 Resp: 28528

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.8	4.2
104	3.4	1.6	2.4#



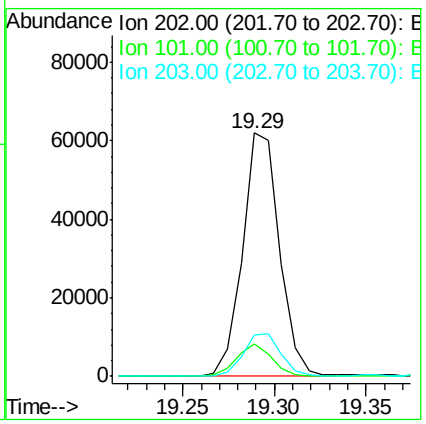


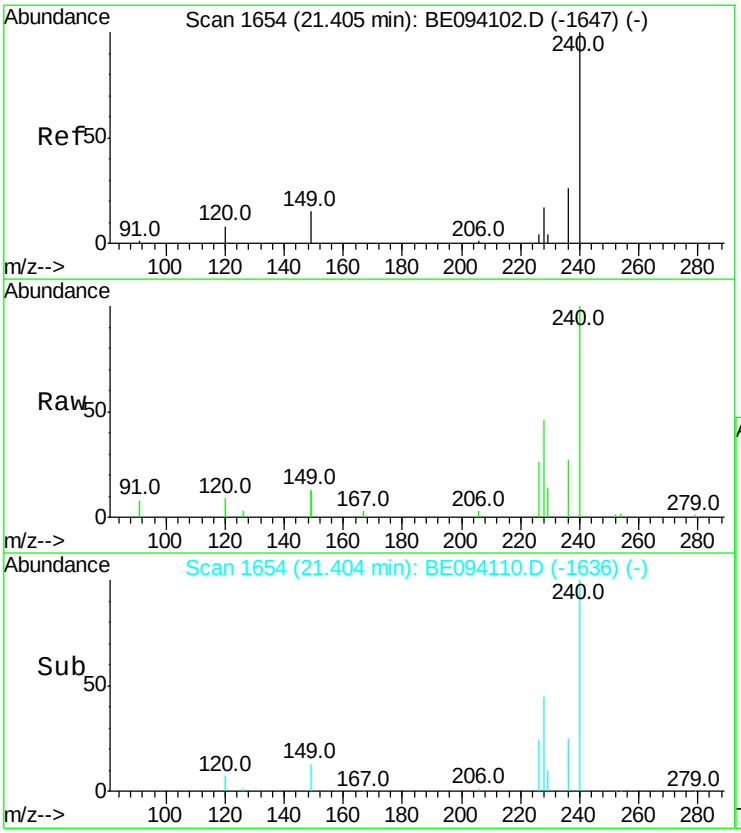
#26
Fluoranthene
Concen: 1.798 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 86727

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
203	17.5	13.7	20.5

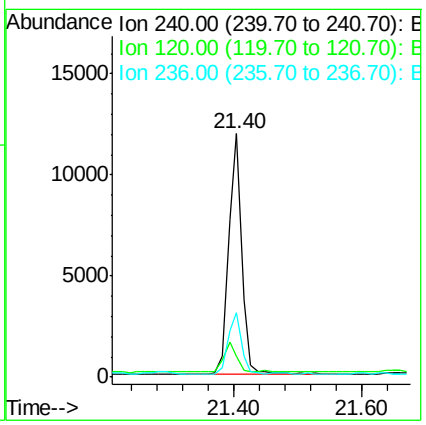


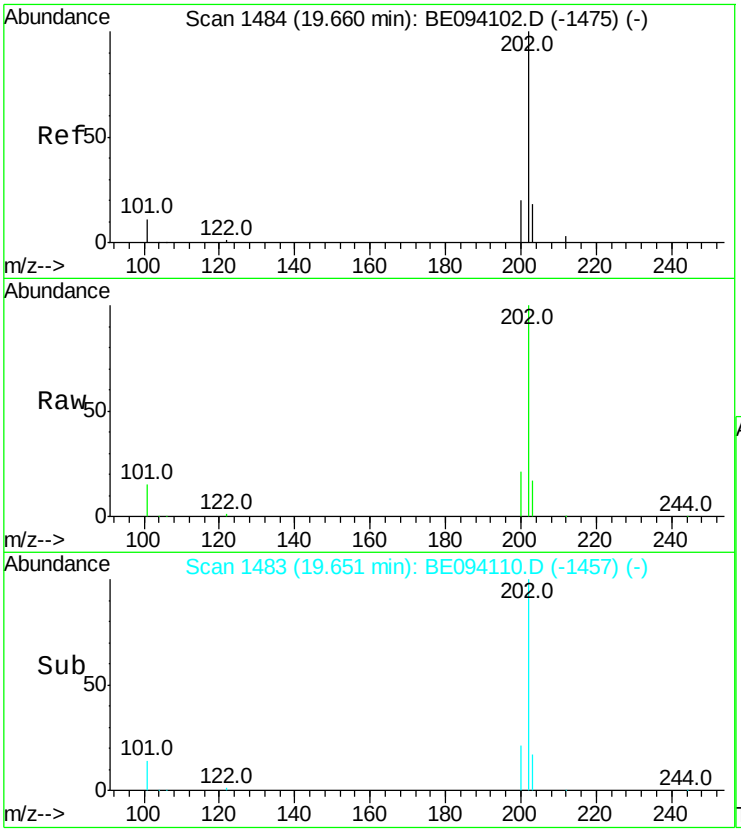


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:240 Resp: 16655

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.5	8.3#
236	26.7	20.7	31.1



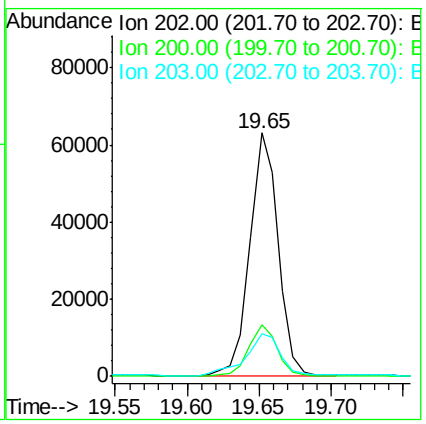


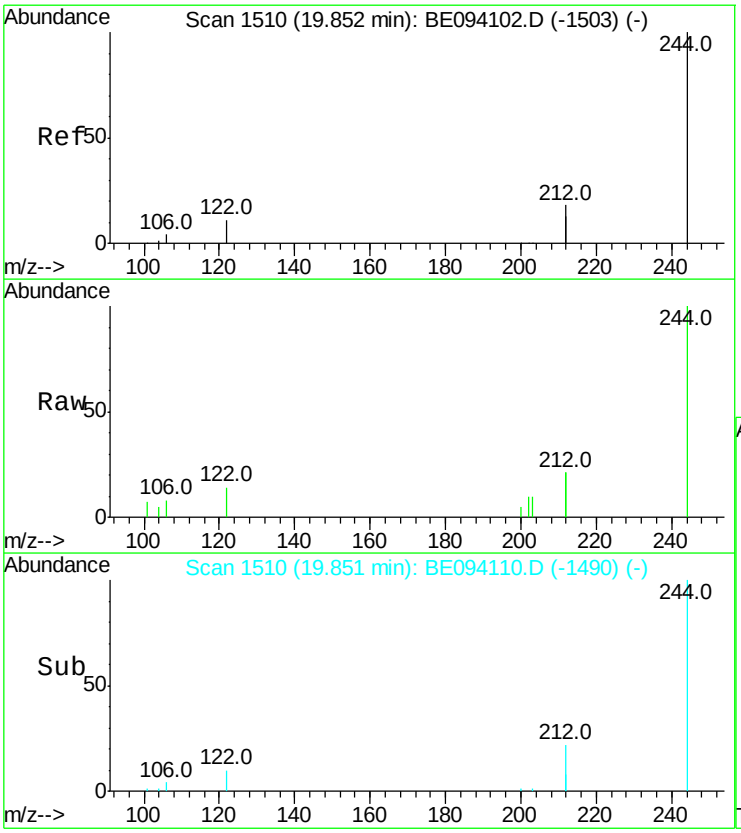
#28
Pyrene
Concen: 1.637 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 86370

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	20.9	13.8	20.8#

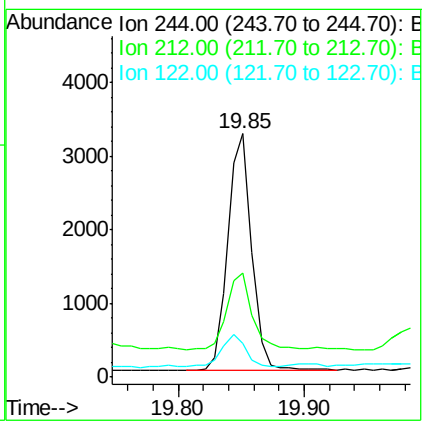


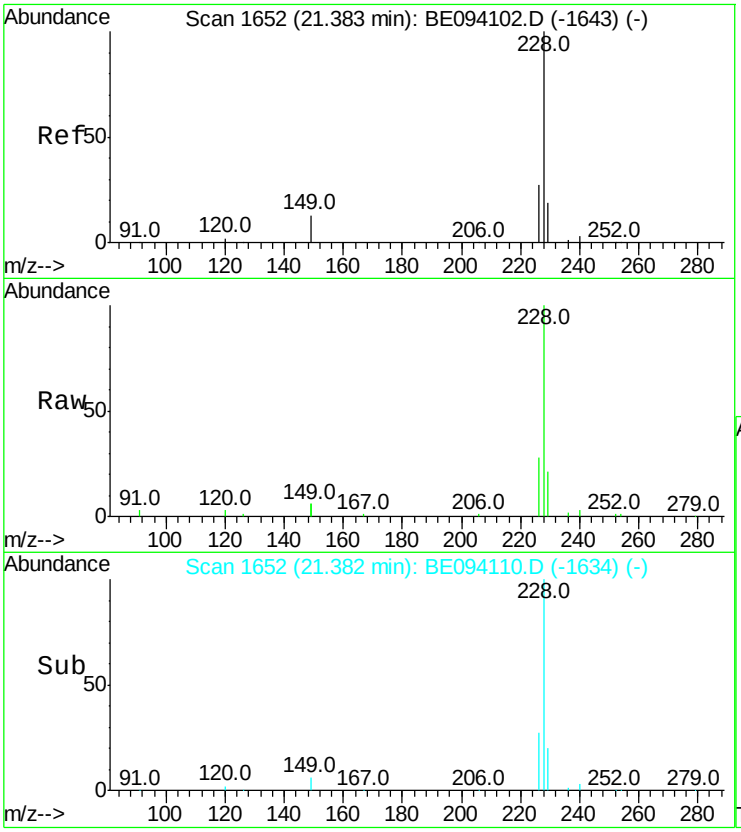


#29
Terphenyl-d14
Concen: 0.137 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:244 Resp: 4161

Ion	Ratio	Lower	Upper
244	100		
212	42.7	25.4	38.0#
122	13.9	8.1	12.1#



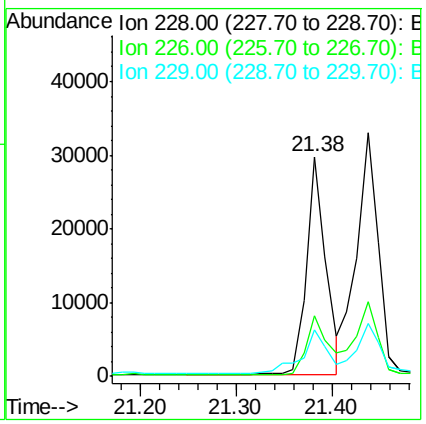


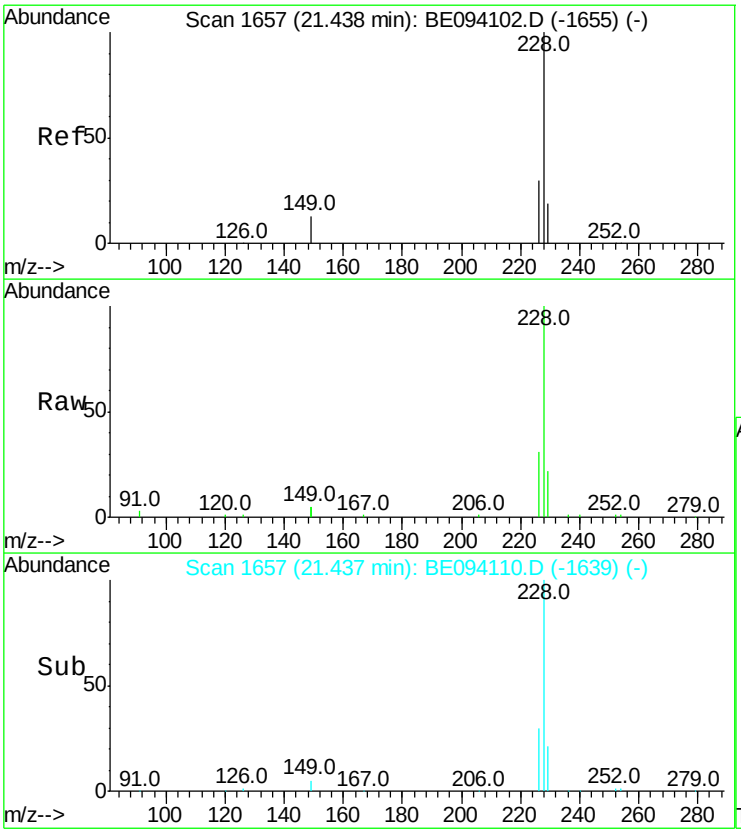
#30
Benzo(a)anthracene
Concen: 0.746 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 41820

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.4	32.0
229	21.4	16.4	24.6

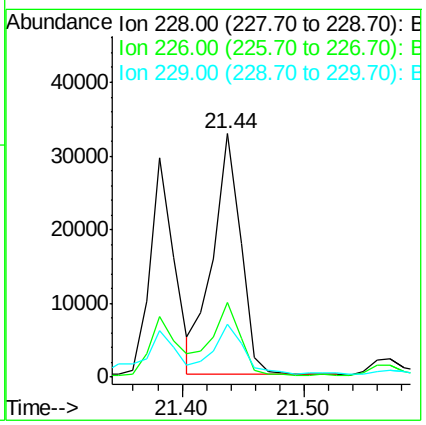


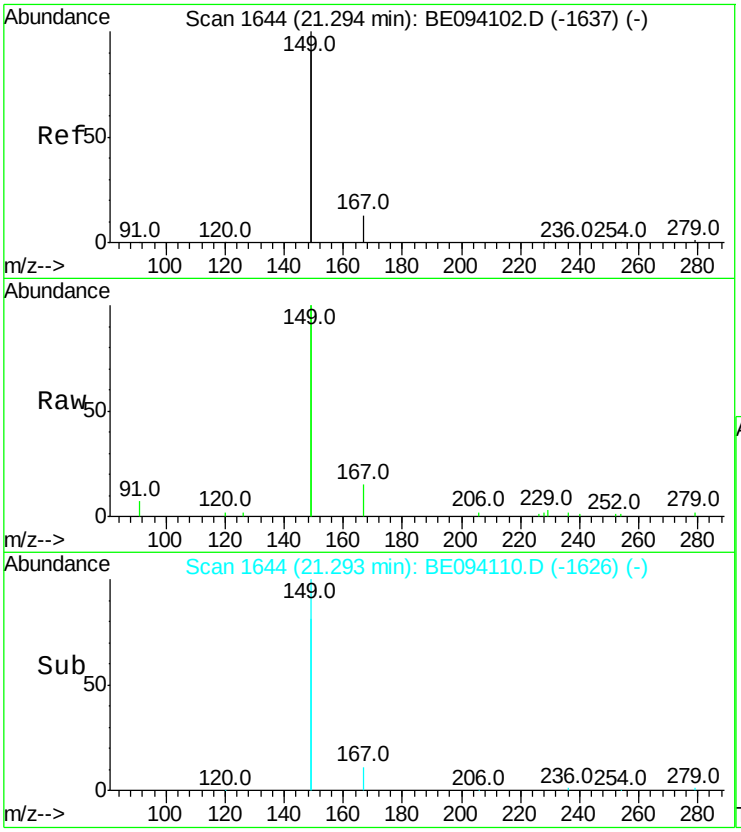


#31
Chrysene
Concen: 0.956 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:228 Resp: 51720

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.6	35.4
229	21.7	16.4	24.6



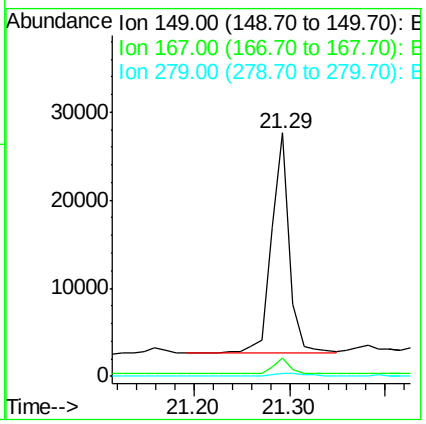


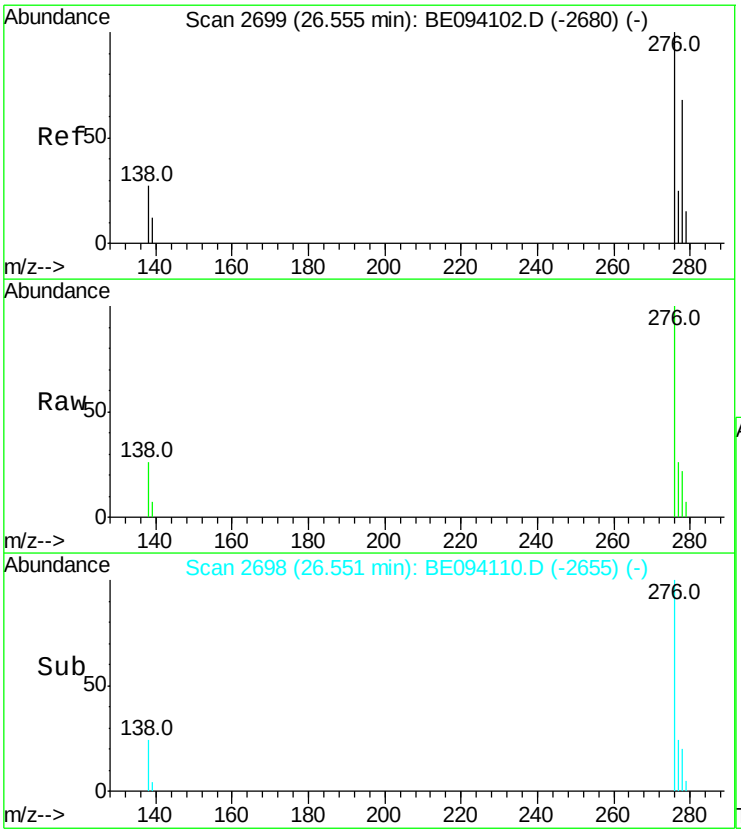
#32
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 32832

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1

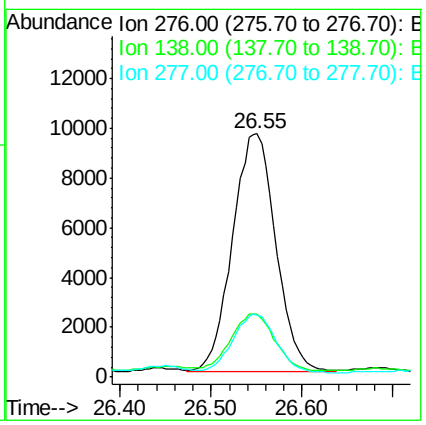


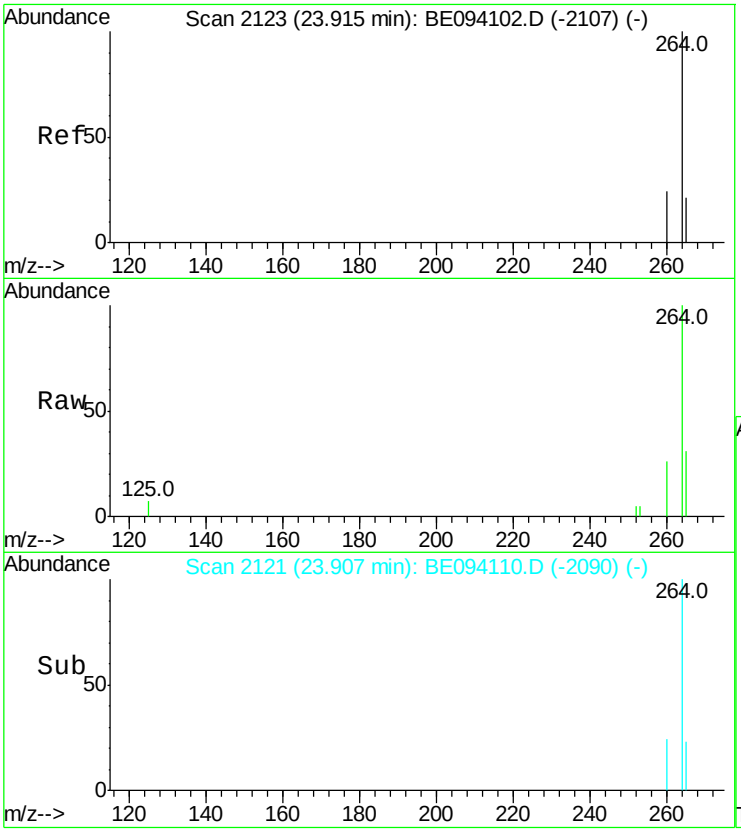


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.548 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:276 Resp: 31750

Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.5	33.7
277	24.5	19.9	29.9



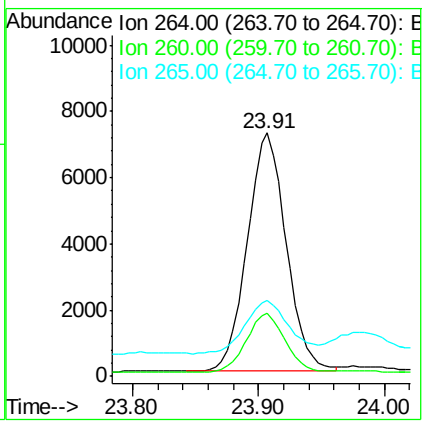


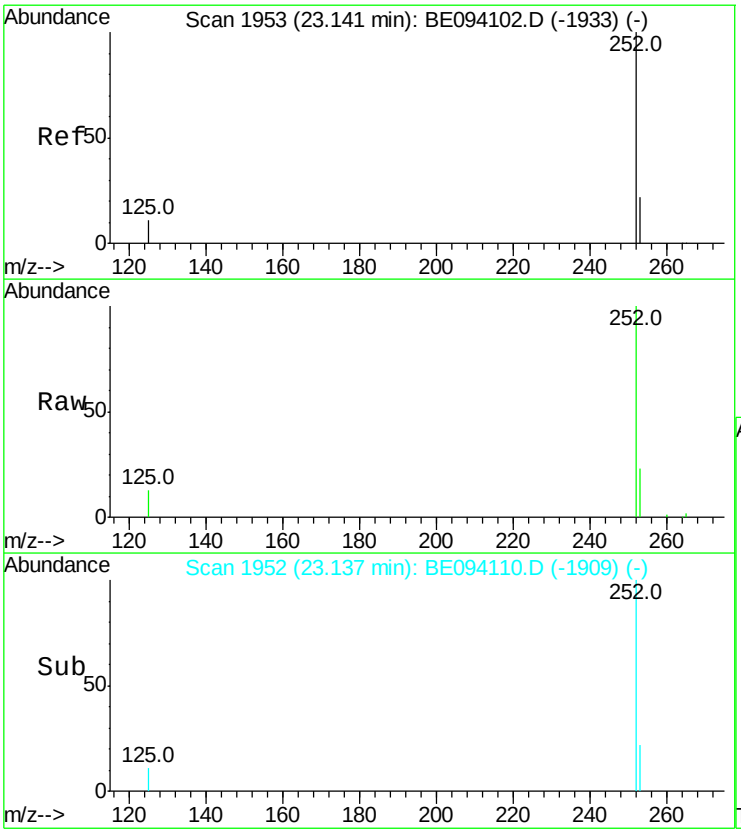
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 15570

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	31.0	22.8	34.2

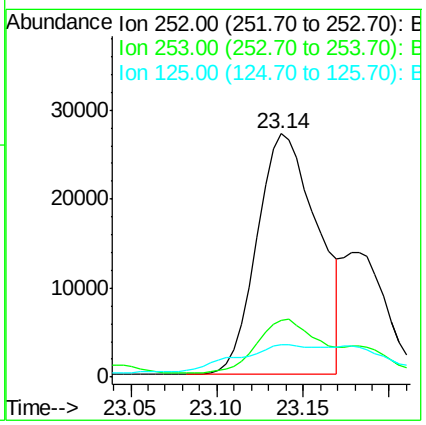


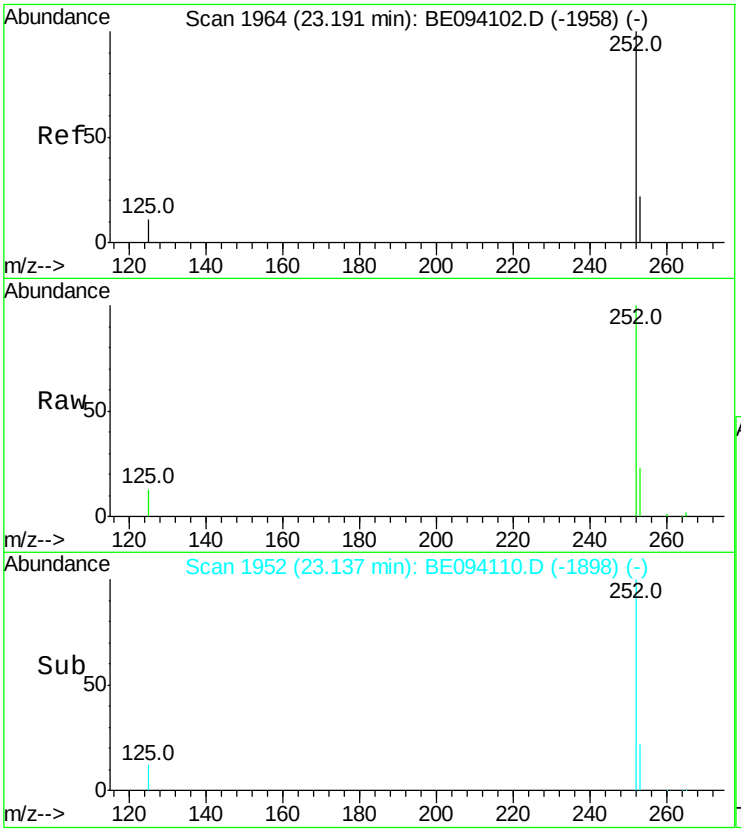


#35
Benzo(b)fluoranthene
Concen: 1.177 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:252 Resp: 66125

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	13.4	10.1	15.1



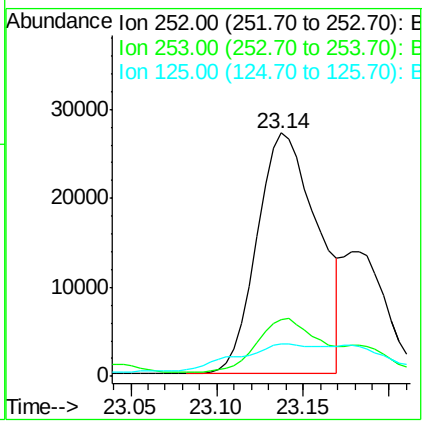


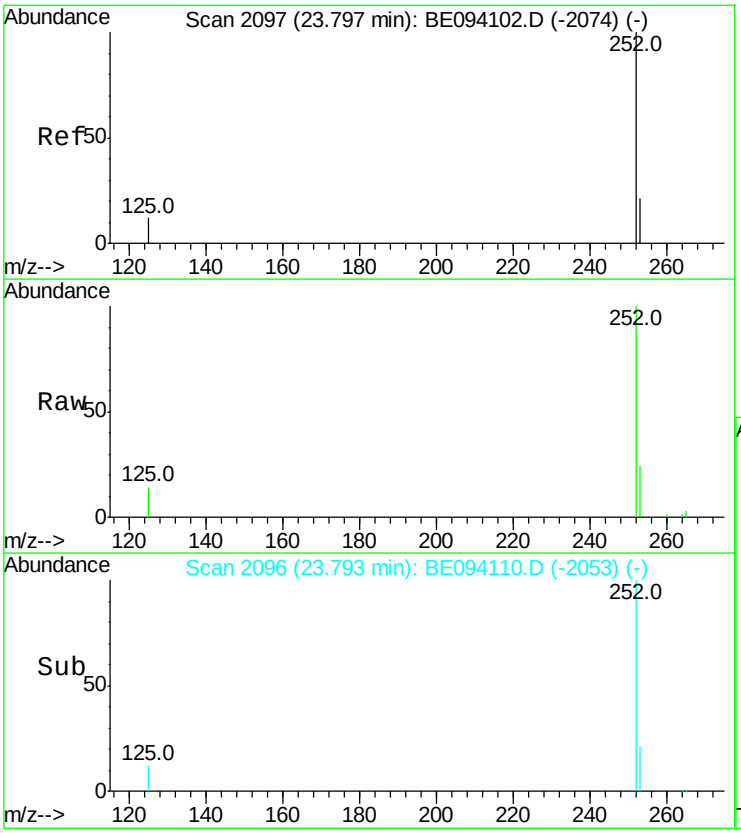
#36
Benzo(k)fluoranthene
Concen: 1.229 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.05 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 66125

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	13.4	10.7	16.1

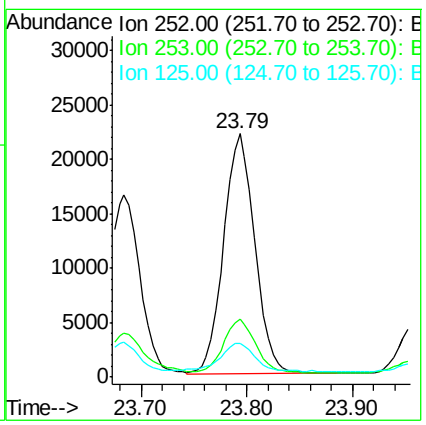


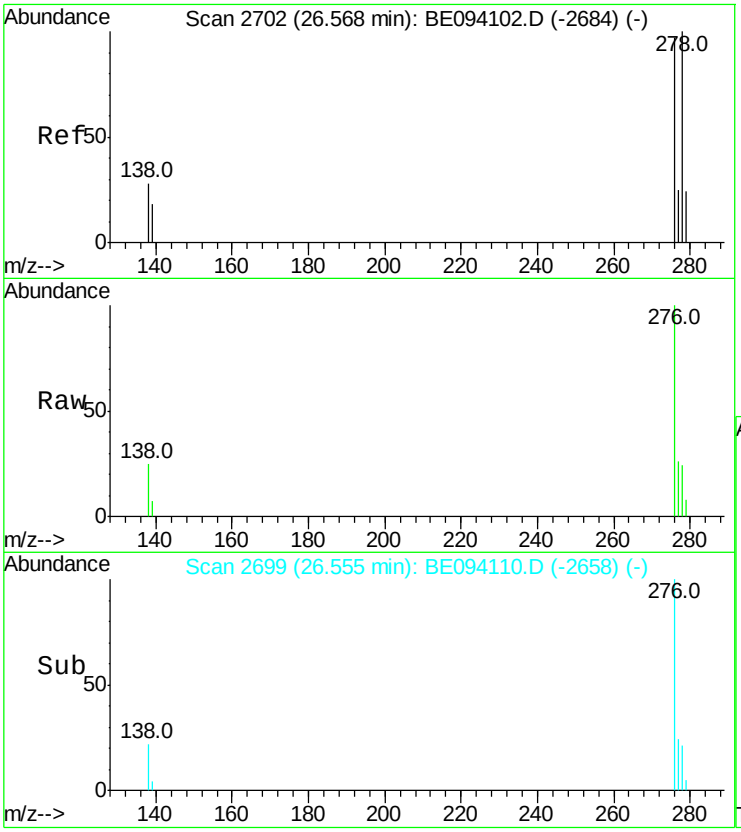


#37
Benzo(a)pyrene
Concen: 0.889 ng
RT: 23.79 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:252 Resp: 45104

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.6
125	14.0	11.8	17.8



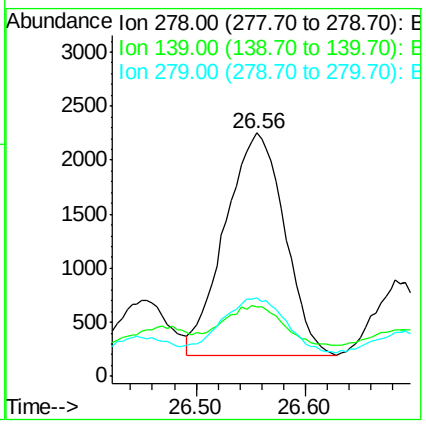


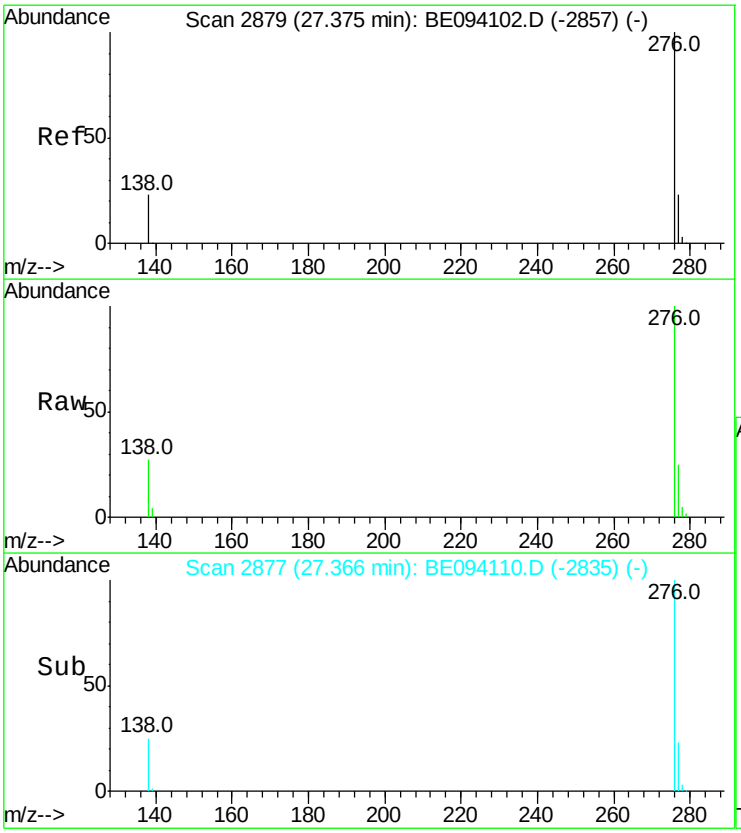
#38
Dibenzo(a,h)anthracene
Concen: 0.162 ng
RT: 26.56 min Scan# 2699
Delta R.T. -0.01 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 7796

Ion	Ratio	Lower	Upper
278	100		
139	28.4	16.3	24.5#
279	32.1	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.682 ng
RT: 27.37 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BE094110.D
Acq: 25 Sep 2017 19:53

Tgt Ion:276 Resp: 32430

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.8	31.2
138	27.1	21.5	32.3