Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094108.D
Acq On : 25 Sep 2017 18:39
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 01:35:12 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	1265	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	5673	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	3349	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	12769	0.40	ng		0.00
27) Chrysene-d12	21.40	240	13536	0.40	ng		0.00
34) Perylene-d12	23.91	264	12847	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	1821	0.38	ng		0.00
5) Phenol-d6	7.09	99	2561	0.38	ng		0.00
8) Nitrobenzene-d5	9.06	82	2008	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	3441	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	575	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	4529	0.41	ng		0.01
25) Fluoranthene-d10	19.27	212	49833	0.40	ng		0.00
29) Terphenyl-d14	19.85	244	9077	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	1002	0.406	ng	#	90
3) n-Nitrosodimethylamine	3.73	42	1068	0.339	ng	#	93
6) bis(2-Chloroethyl)ether	7.33	93	2014	0.390	ng		95
9) Naphthalene	10.74	128	25537	0.399	ng		100
10) Hexachlorobutadiene	11.03	225	945	0.394	ng		97
12) 2-Methylnaphthalene	12.35	142	4133	0.399	ng		97
16) Acenaphthylene	14.23	152	6580	0.392	ng		99
17) Acenaphthene	14.57	154	4369	0.416	ng		98
18) Fluorene	15.56	166	5817	0.409	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	2044	0.390	ng	#	83
21) Hexachlorobenzene	16.55	284	1414	0.428	ng	#	85
22) Pentachlorophenol	16.91	266	1011	0.334	ng	#	72
23) Phenanthrene	17.27	178	13555	0.415	ng		98
24) Anthracene	17.37	178	13290	0.388	ng		98
26) Fluoranthene	19.30	202	15085	0.412	ng		100
28) Pyrene	19.66	202	16071	0.375	ng		100
30) Benzo(a)anthracene	21.38	228	17481	0.384	ng		97
31) Chrysene	21.44	228	17341	0.394	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	60248	0.292	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	17525	0.372	ng		99
35) Benzo(b)fluoranthene	23.14	252	16896	0.365	ng		96
36) Benzo(k)fluoranthene	23.19	252	16685	0.376	ng		98
37) Benzo(a)pyrene	23.80	252	16003	0.382	ng		98
38) Dibenzo(a,h)anthracene	26.57	278	15035	0.379	ng		97
39) Benzo(g,h,i)perylene	27.37	276	14941	0.381	ng		99

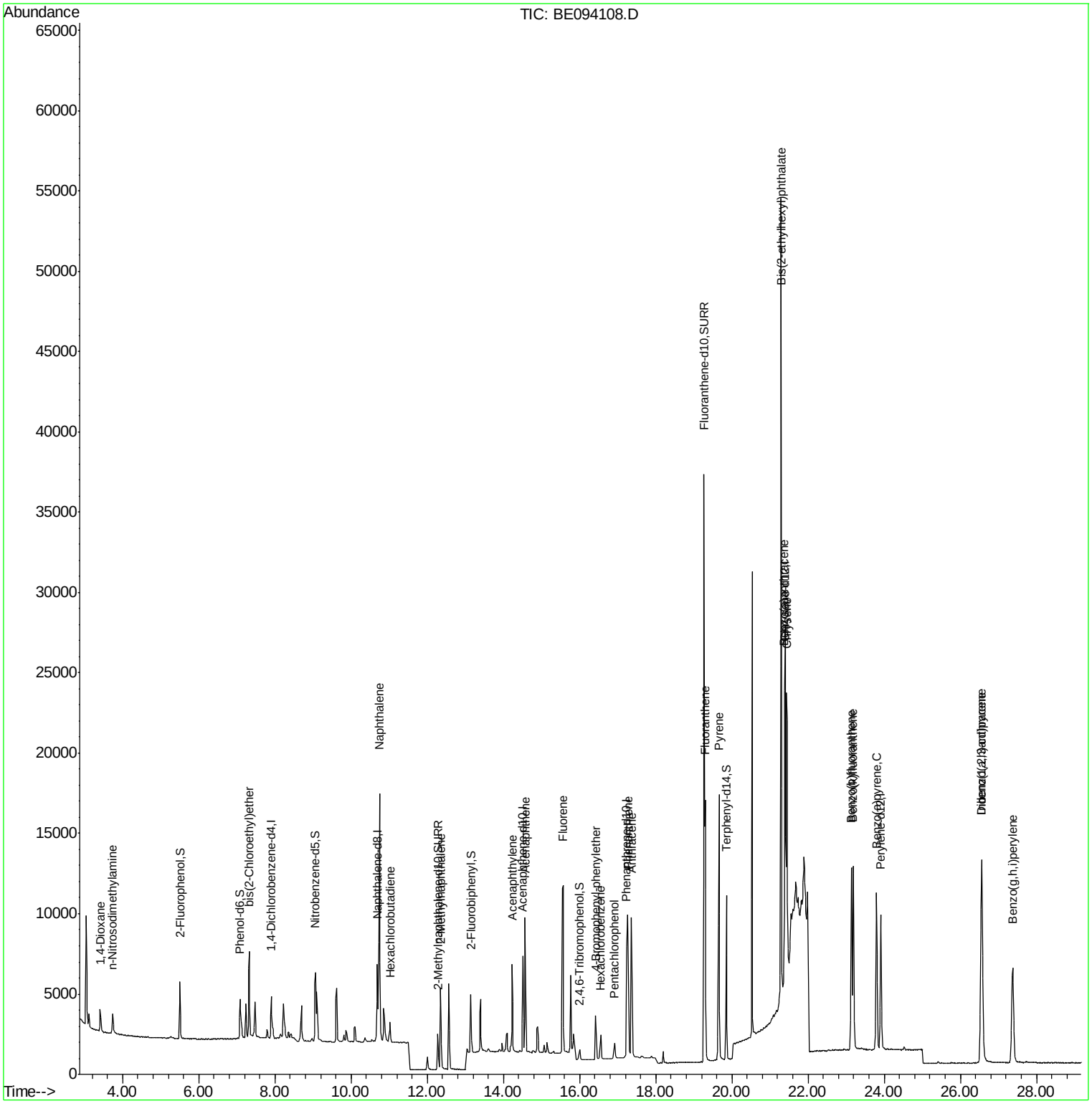
(#) = qualifier out of range (m) = manual integration (+) = signals summed

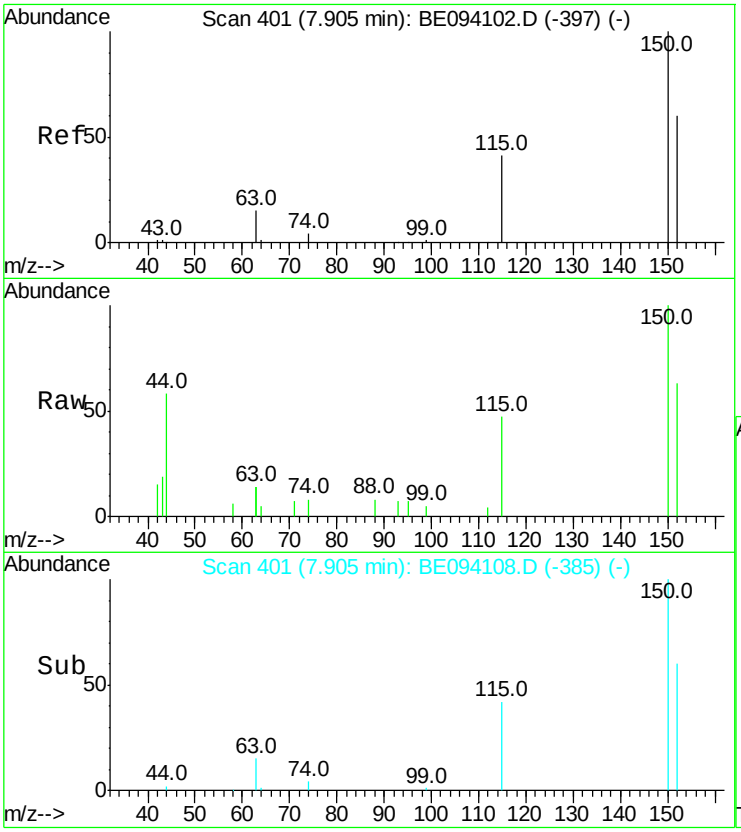
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094108.D
Acq On : 25 Sep 2017 18:39
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 01:35:12 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



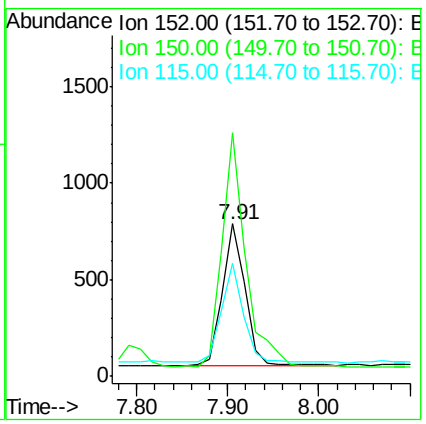


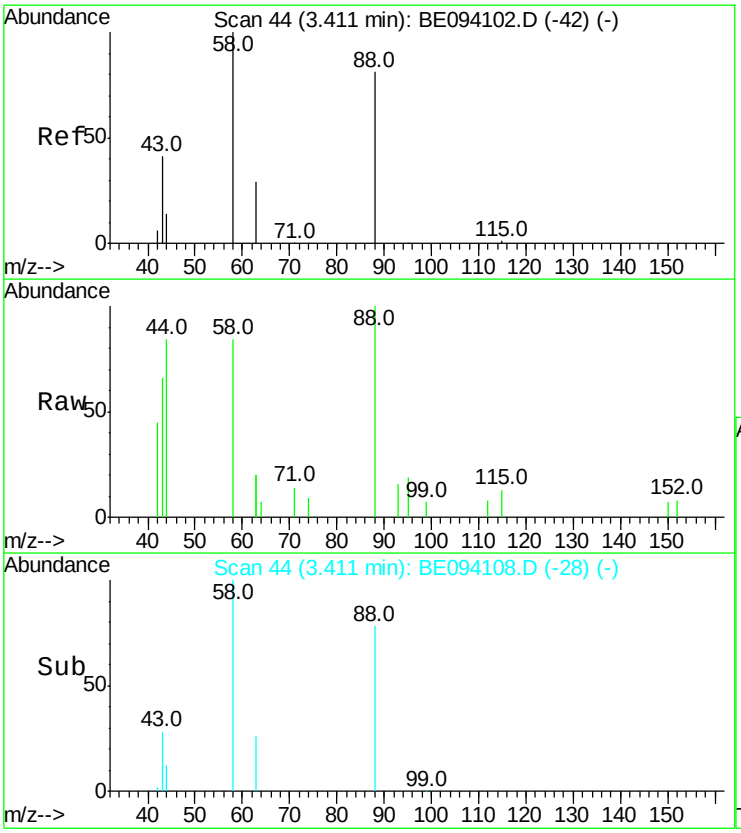
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1265

Ion	Ratio	Lower	Upper
152	100		
150	159.8	117.2	175.8
115	74.5	57.0	85.6

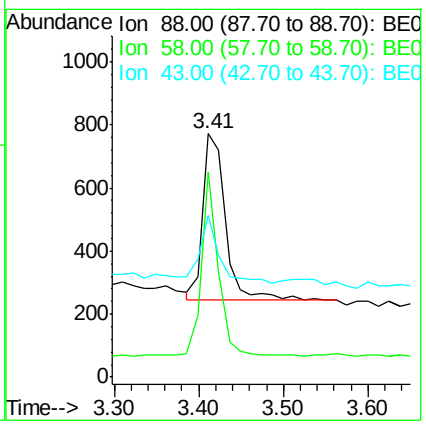


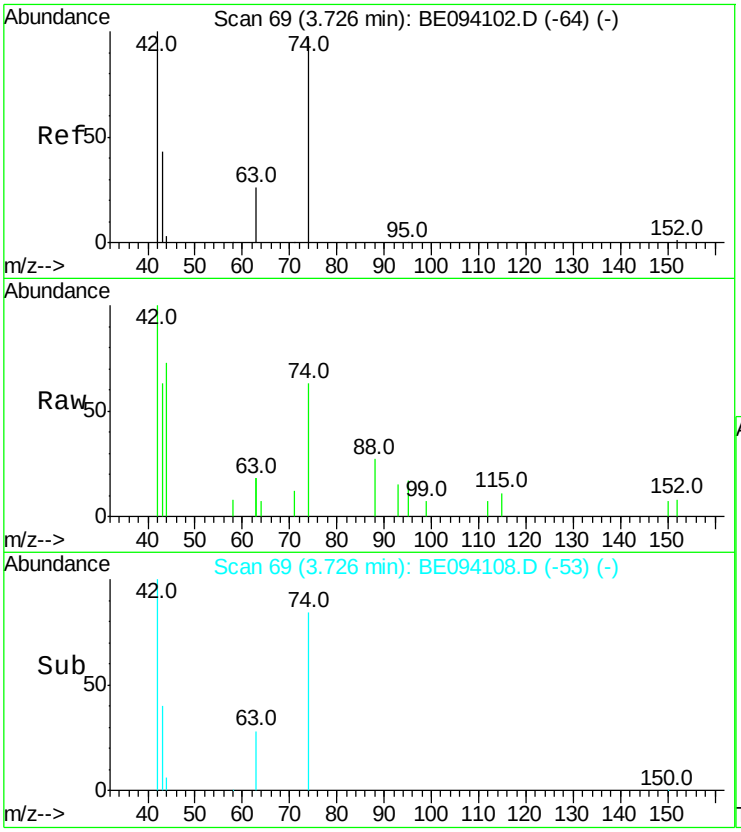


#2
1,4-Dioxane
Concen: 0.406 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion: 88 Resp: 1002

Ion	Ratio	Lower	Upper
88	100		
58	80.2	63.2	94.8
43	35.9	41.2	61.8#



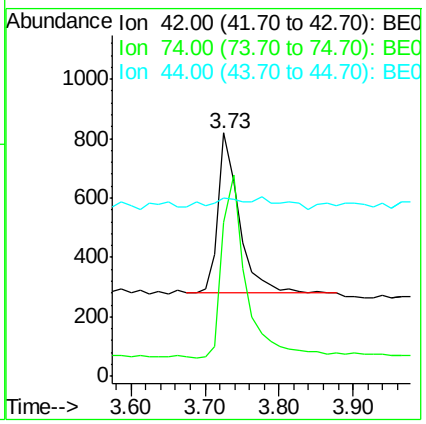


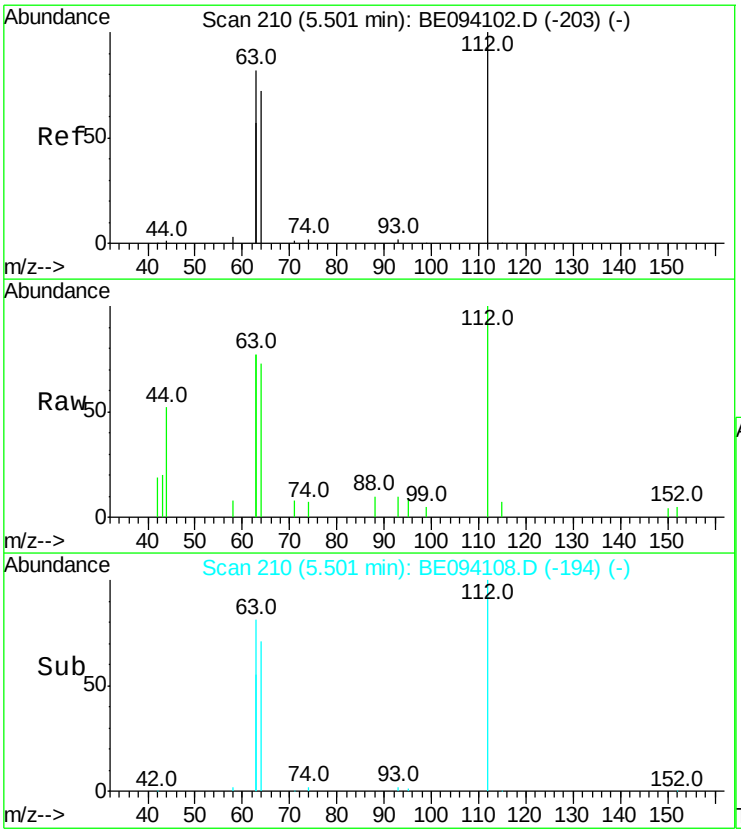
#3
n-Nitrosodimethylamine
Concen: 0.339 ng
RT: 3.73 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1068

Ion	Ratio	Lower	Upper
42	100		
74	129.0	100.3	150.5
44	8.2	17.0	25.4#

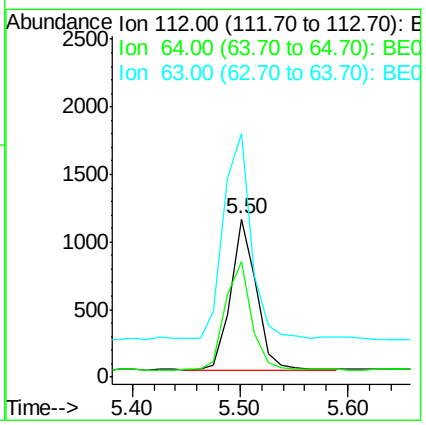


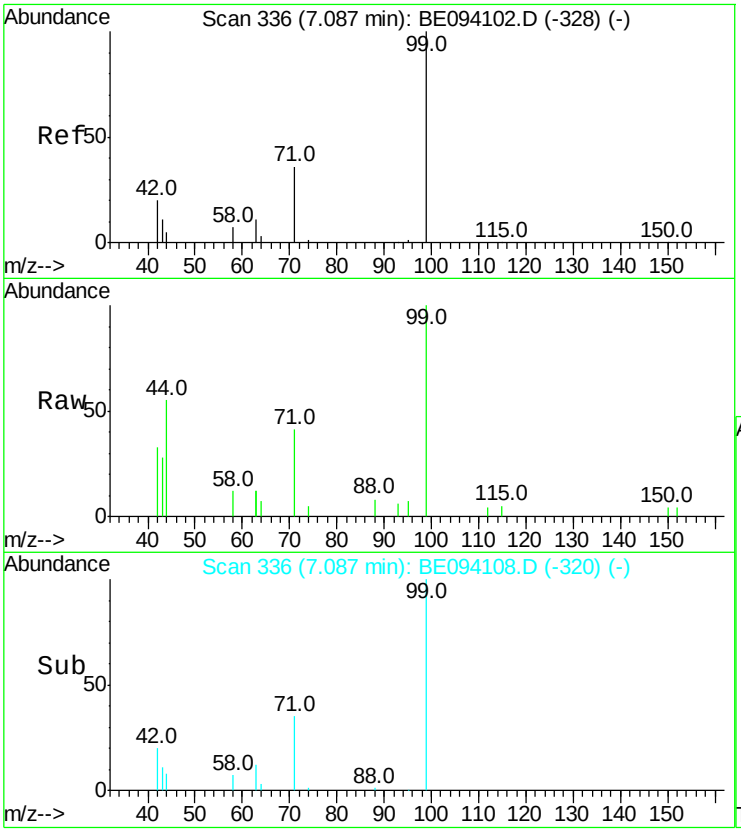


#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:112 Resp: 1821

Ion	Ratio	Lower	Upper
112	100		
64	74.2	60.1	90.1
63	146.3	116.8	175.2



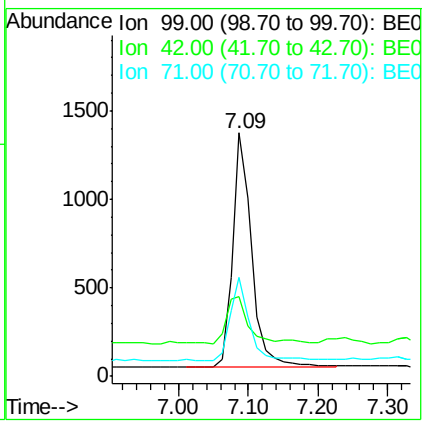


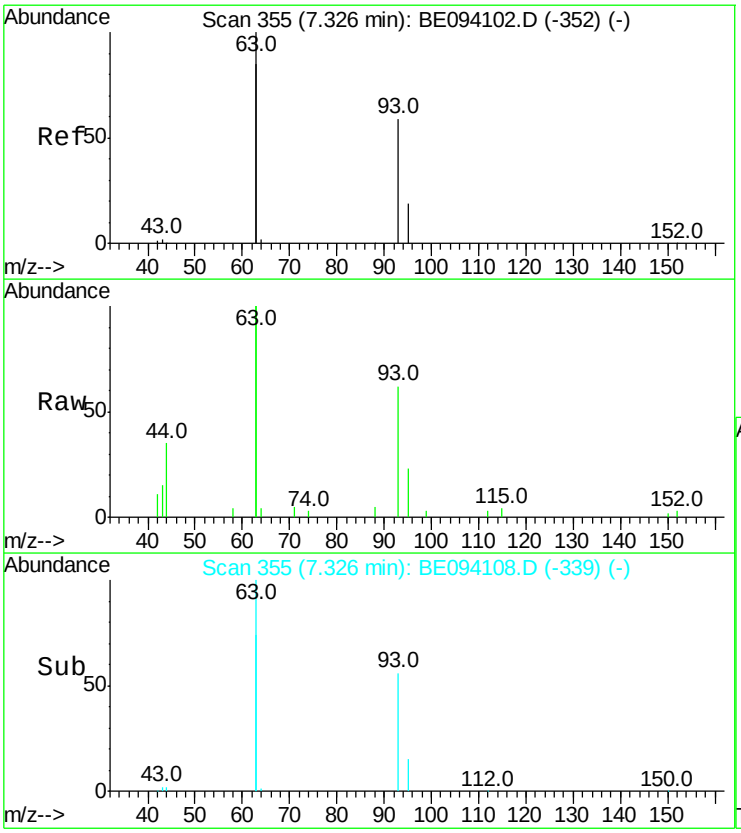
#5
Phenol-d6
Concen: 0.384 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2561

Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.2	30.2
71	34.8	28.4	42.6

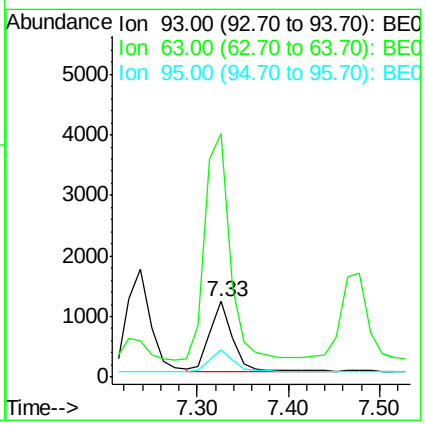


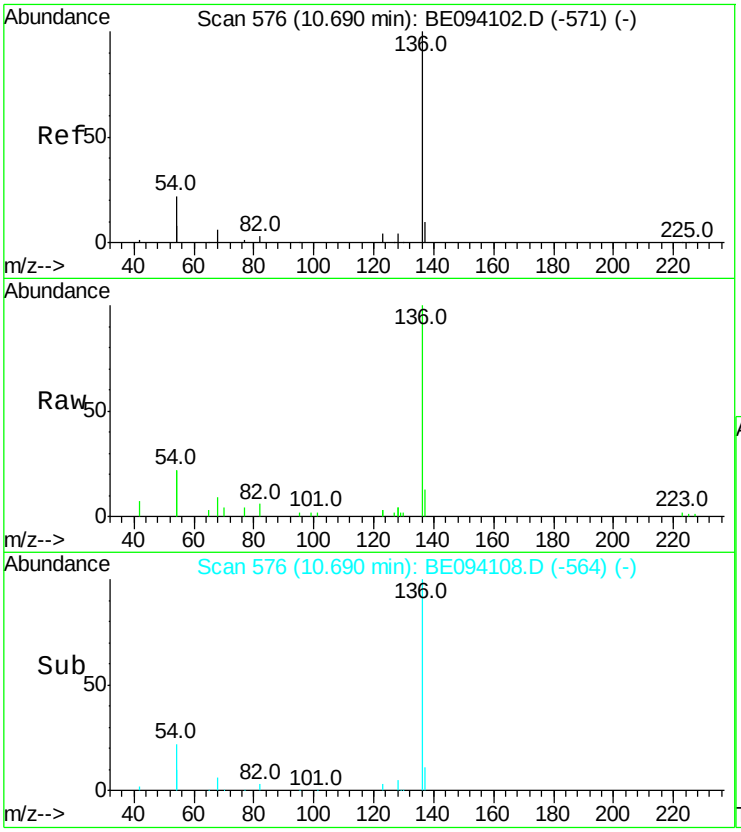


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.33 min Scan# 355
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion: 93 Resp: 2014

Ion	Ratio	Lower	Upper
93	100		
63	356.0	275.3	412.9
95	31.5	25.2	37.8



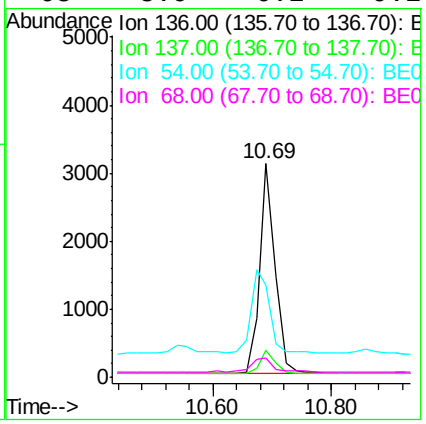


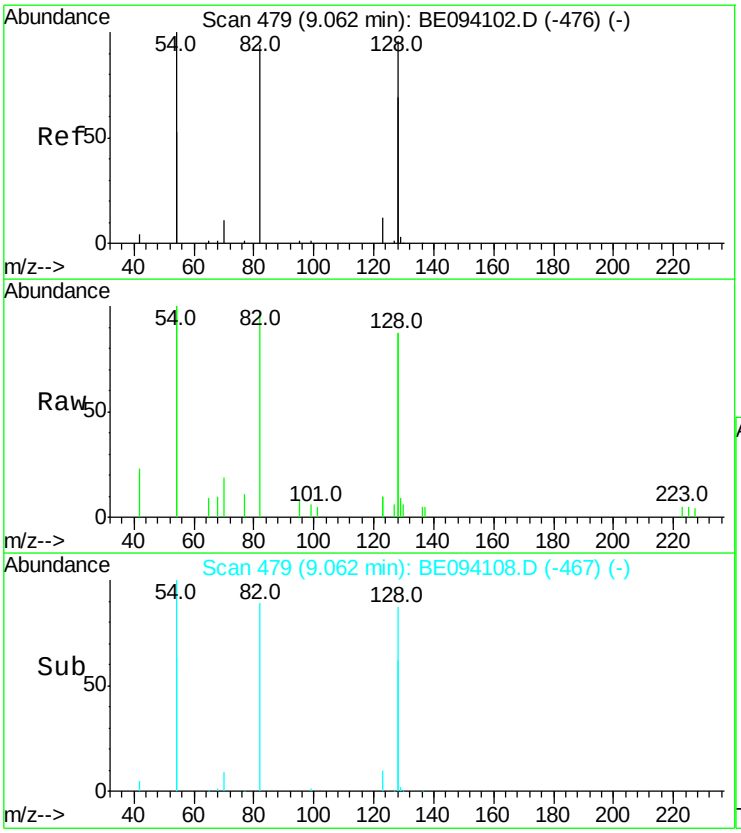
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5673

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	43.4	29.1	43.7
68	8.9	6.2	9.2

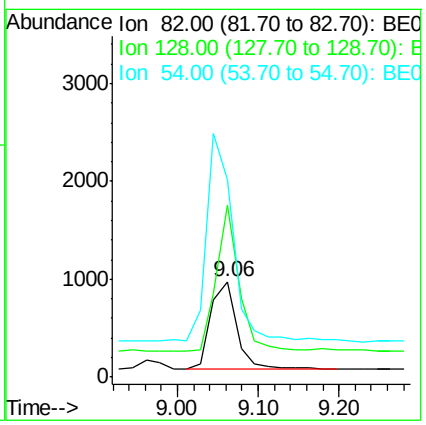


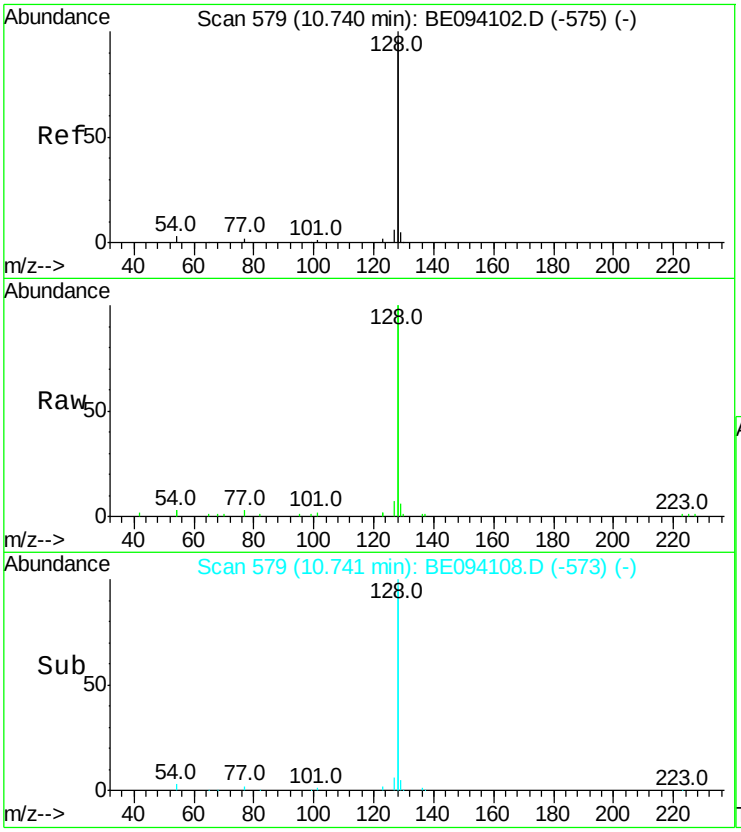


#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion: 82 Resp: 2008

Ion	Ratio	Lower	Upper
82	100		
128	179.5	150.0	225.0
54	207.2	154.2	231.4



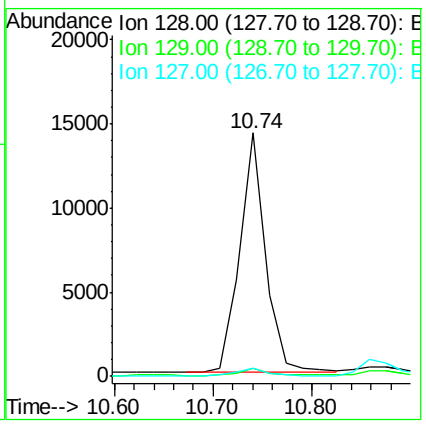


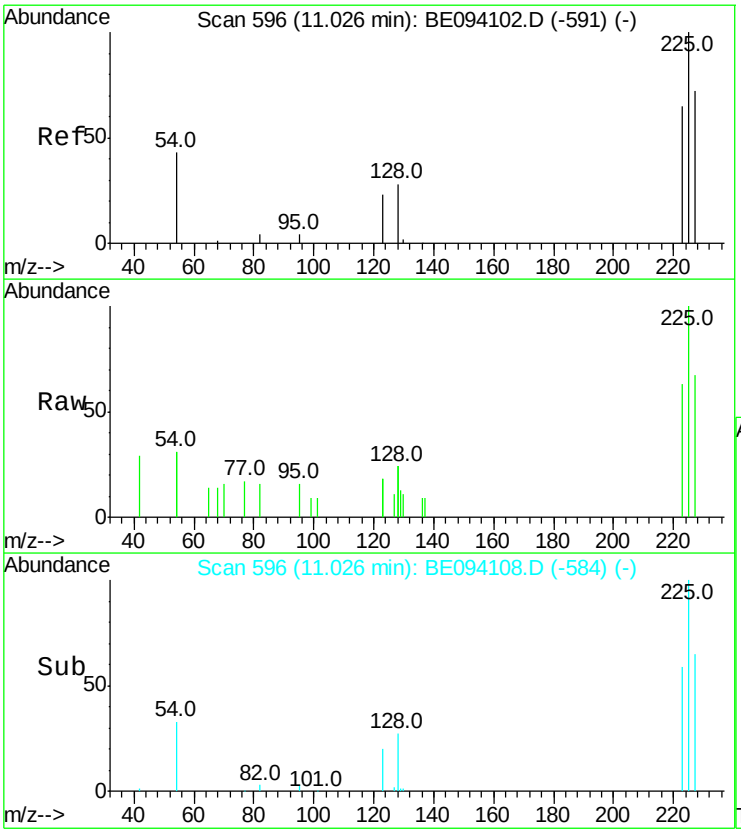
#9
Naphthalene
Concen: 0.399 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 25537

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.5	2.8	4.2

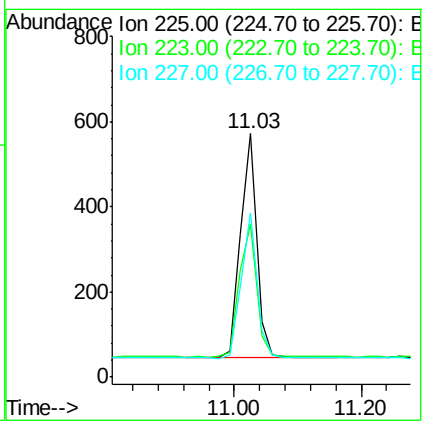


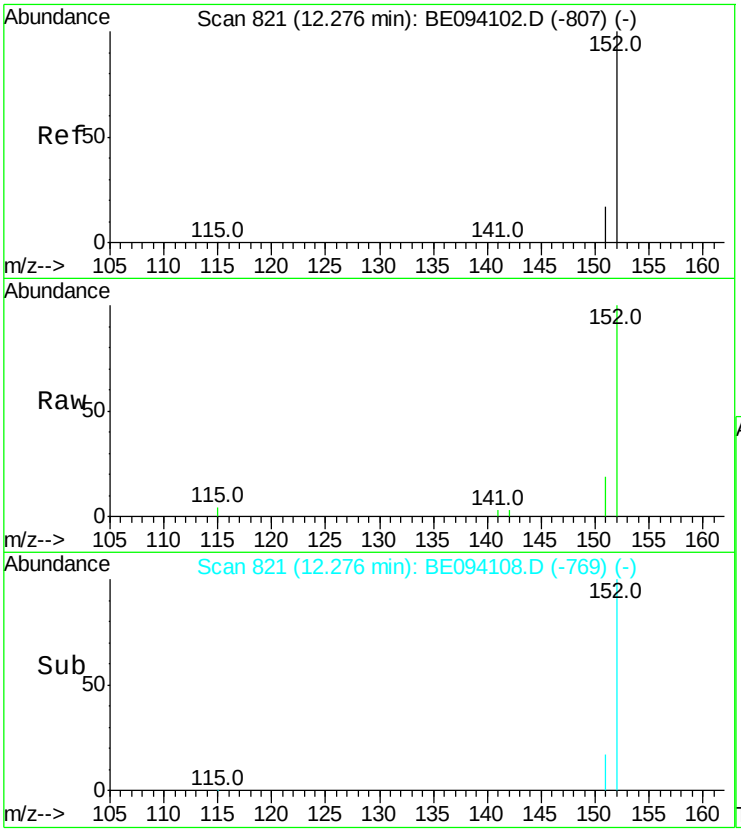


#10
Hexachlorobutadiene
Concen: 0.394 ng
RT: 11.03 min Scan# 596
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:225 Resp: 945

Ion	Ratio	Lower	Upper
225	100		
223	62.4	53.0	79.6
227	63.0	51.4	77.2



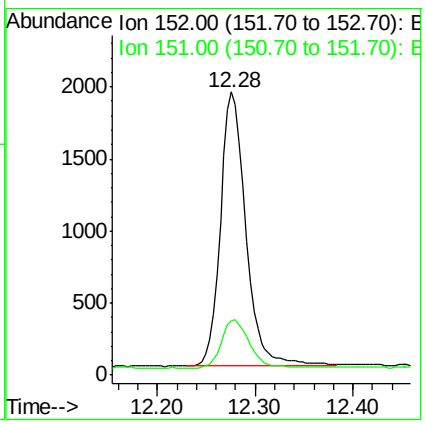


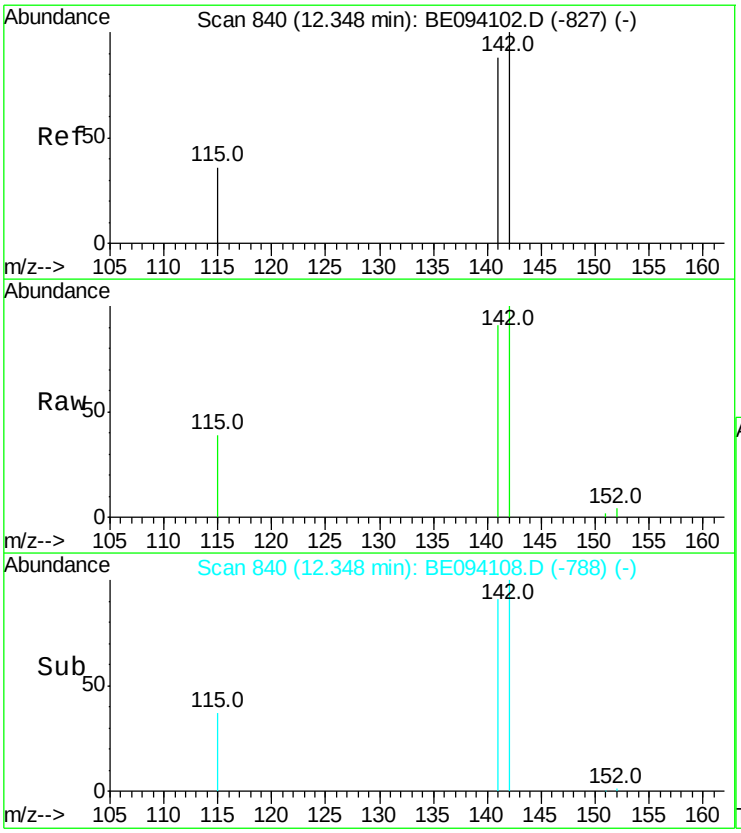
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.28 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3441

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

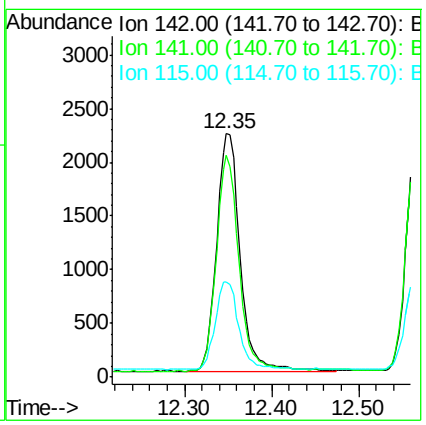


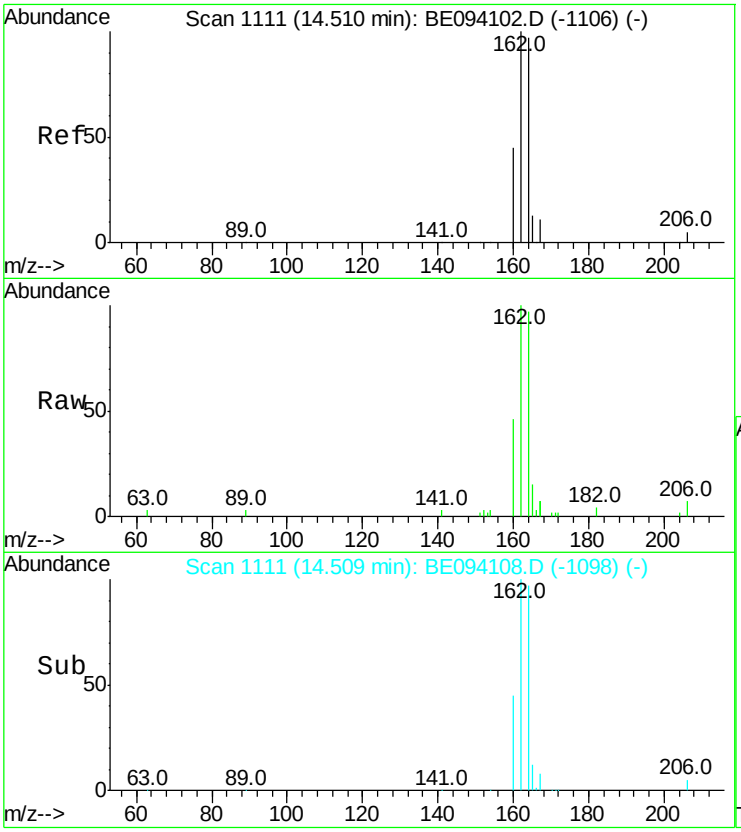


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.35 min Scan# 840
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:142 Resp: 4133

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.4	105.6
115	39.0	31.7	47.5



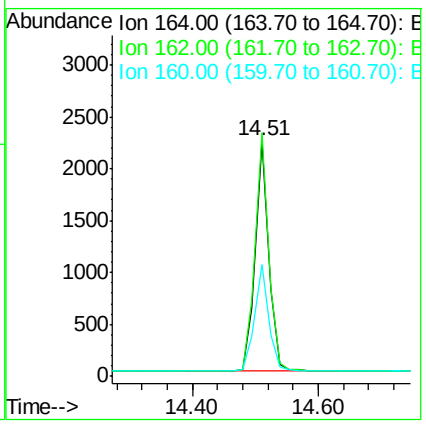


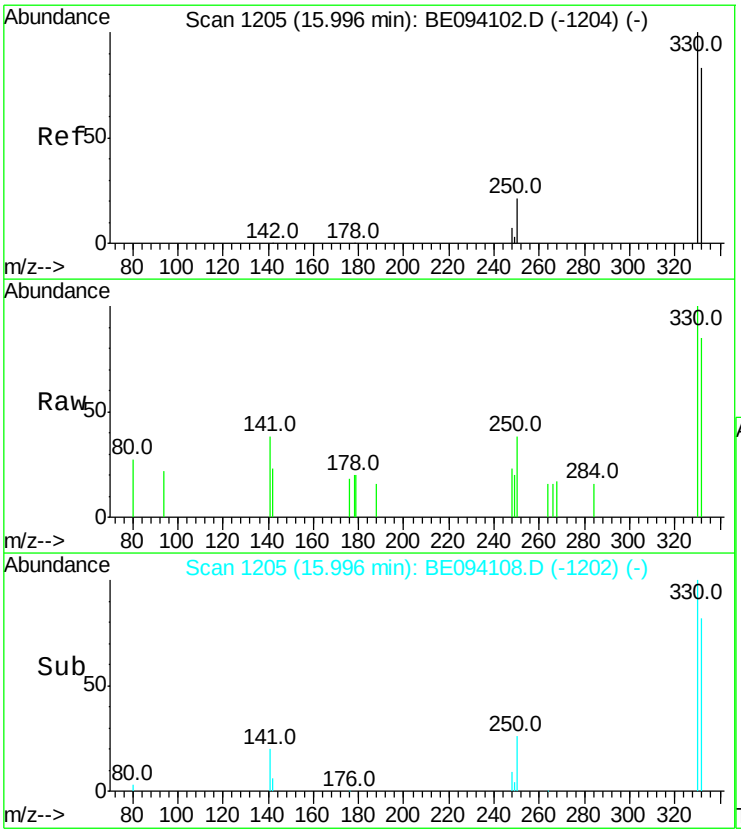
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3349

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.1	124.7
160	47.3	37.1	55.7

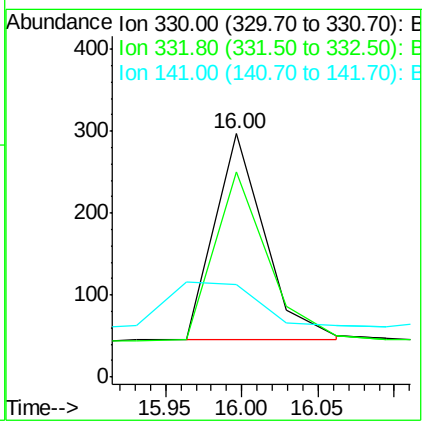


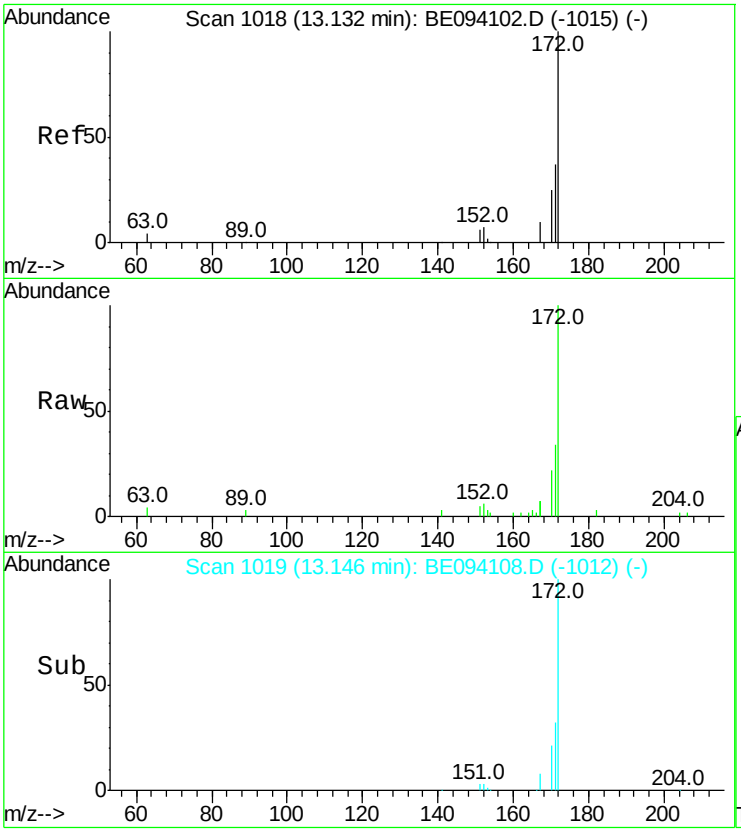


#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:330 Resp: 575

Ion	Ratio	Lower	Upper
330	100		
332	85.7	152.7	229.1#
141	0.0	33.7	50.5#



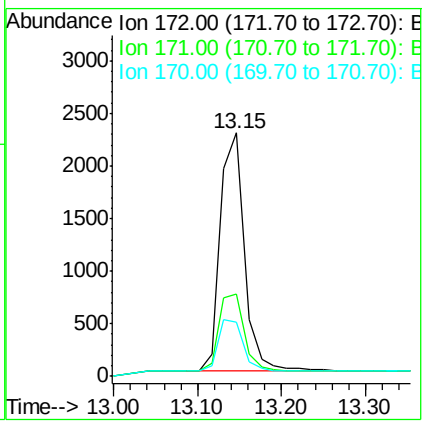


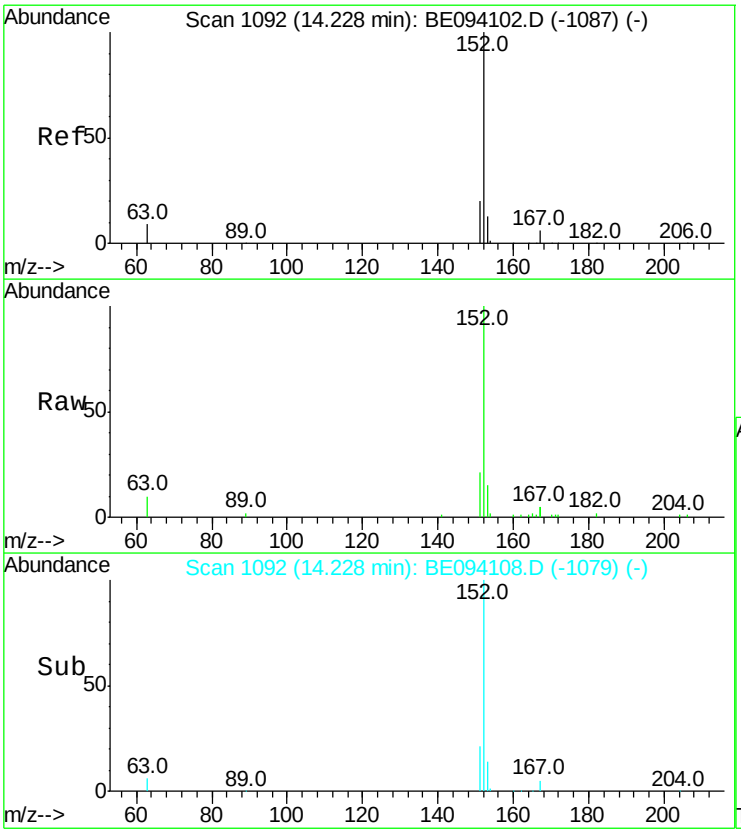
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4529

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.9	44.9
170	22.5	21.8	32.8

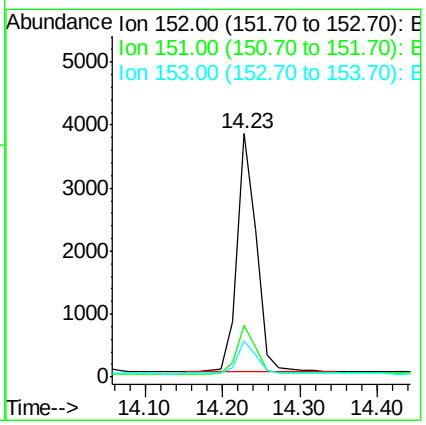


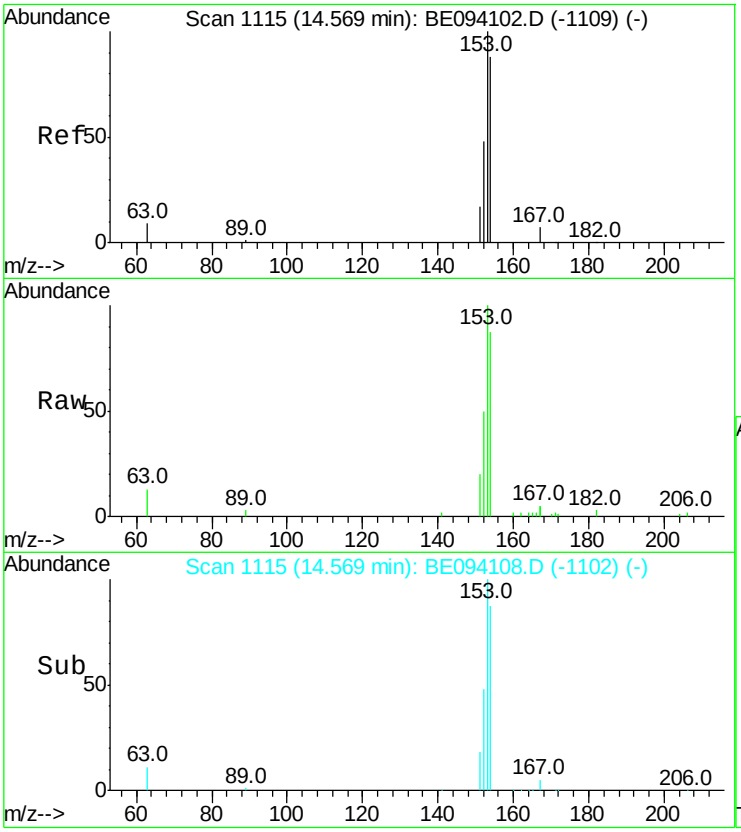


#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:152 Resp: 6580

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.6	10.5	15.7



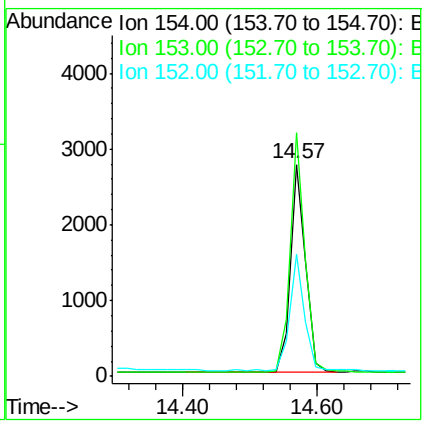


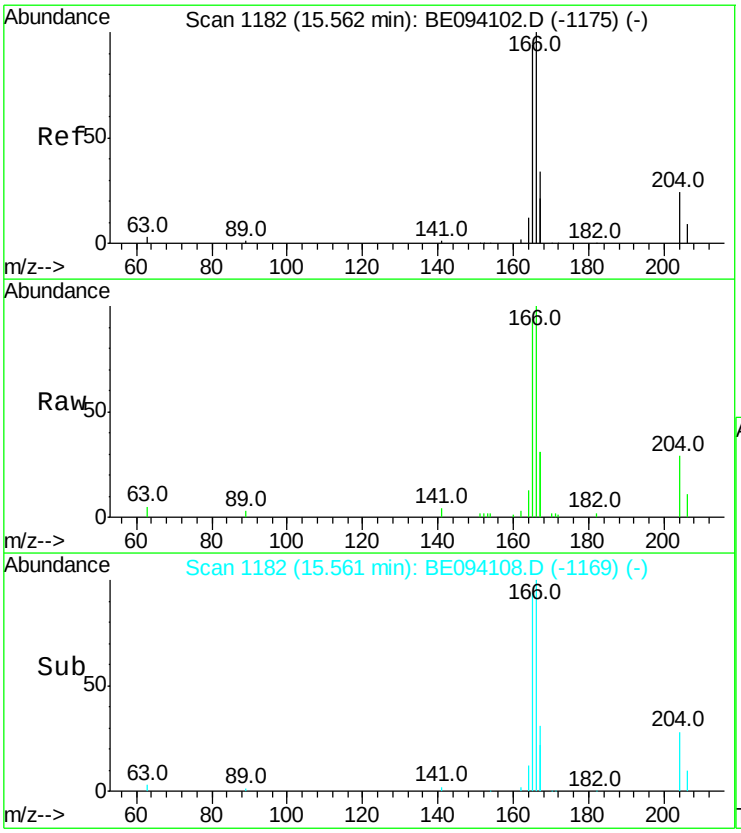
#17
Acenaphthene
Concen: 0.416 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4369

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.2	133.8
152	54.0	42.0	63.0

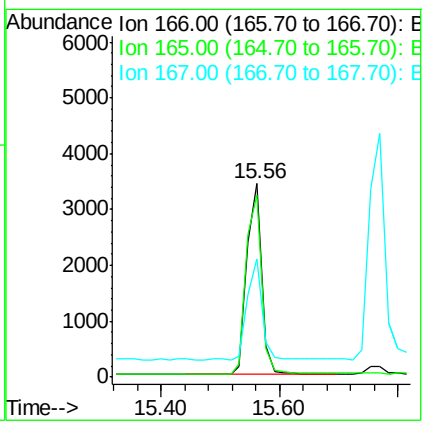


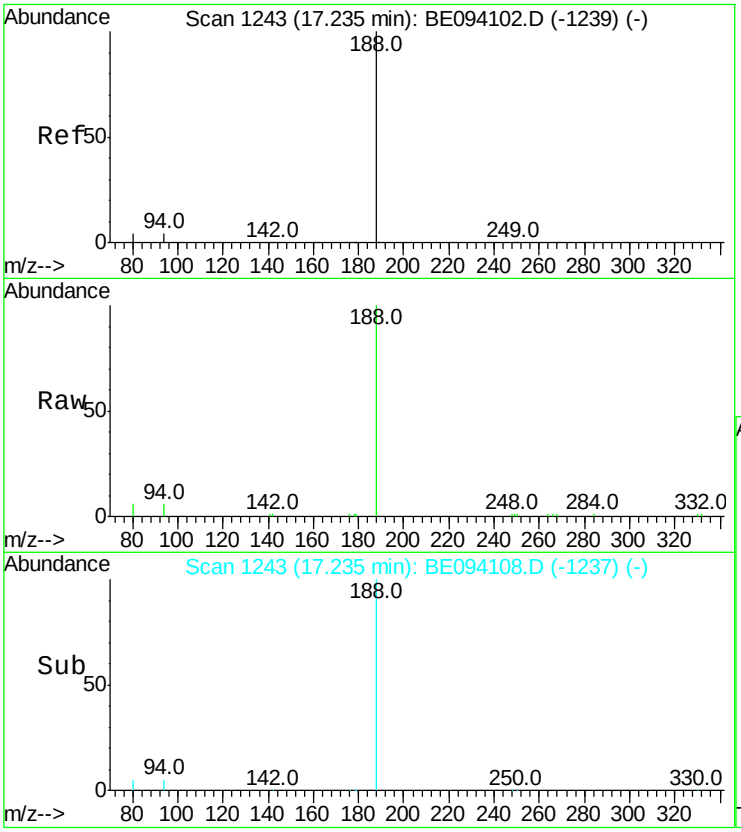


#18
Fluorene
Concen: 0.409 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:166 Resp: 5817

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	53.7	42.4	63.6



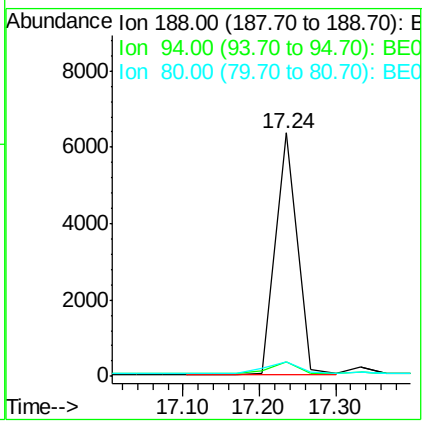


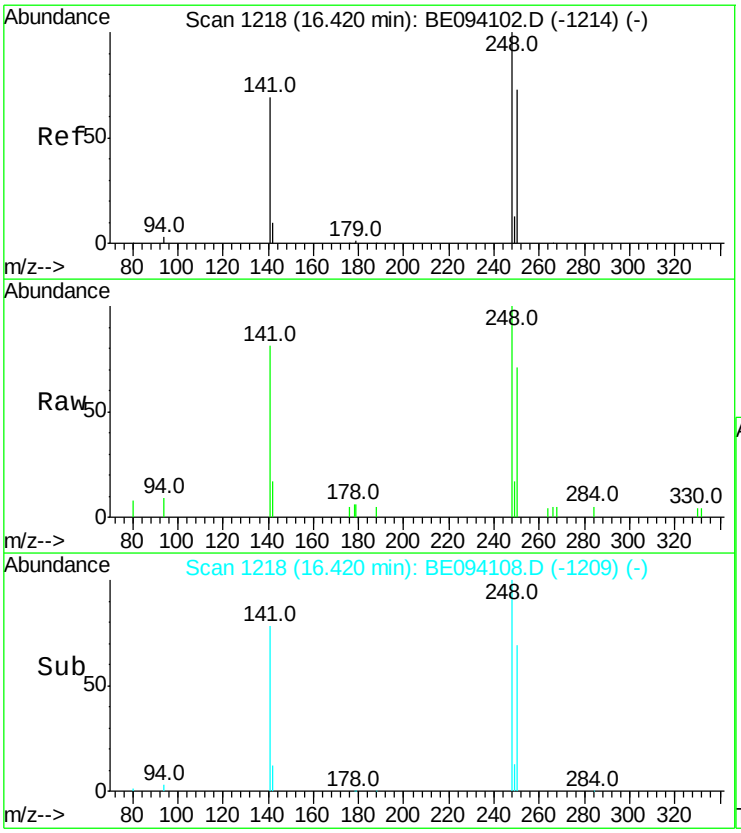
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 12769

Ion	Ratio	Lower	Upper
188	100		
94	6.1	3.9	5.9#
80	5.9	3.6	5.4#

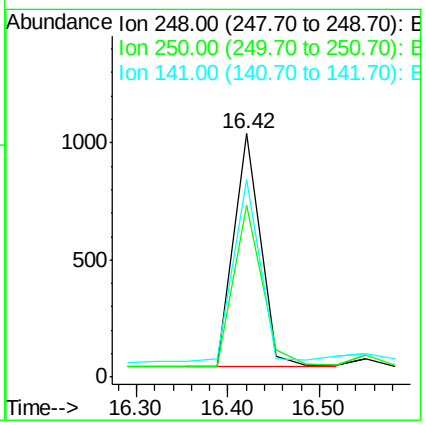


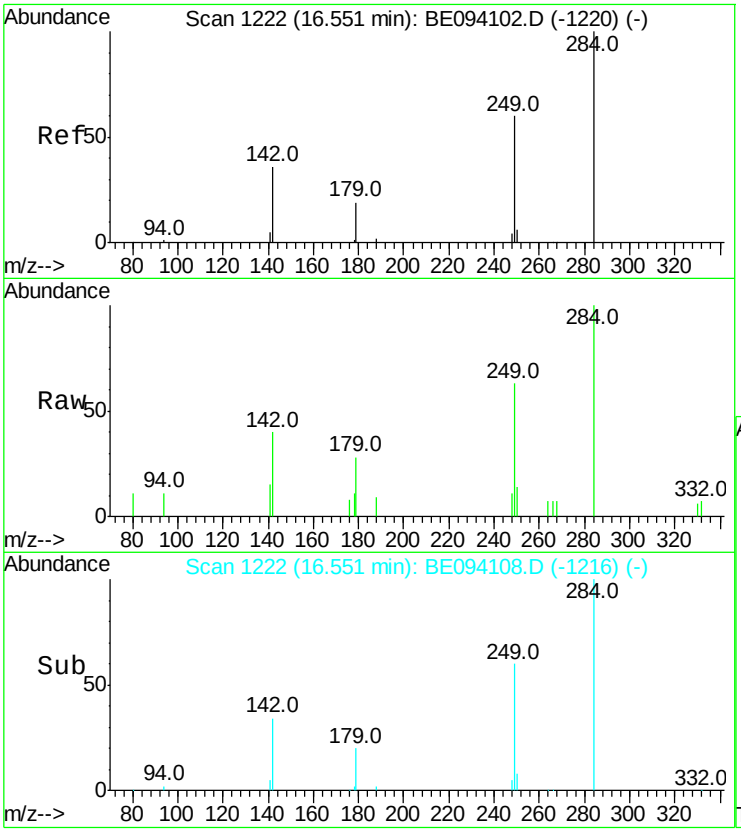


#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:248 Resp: 2044

Ion	Ratio	Lower	Upper
248	100		
250	70.7	62.7	94.1
141	80.9	48.2	72.2#



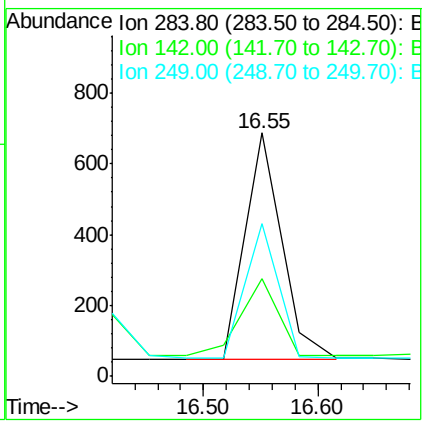


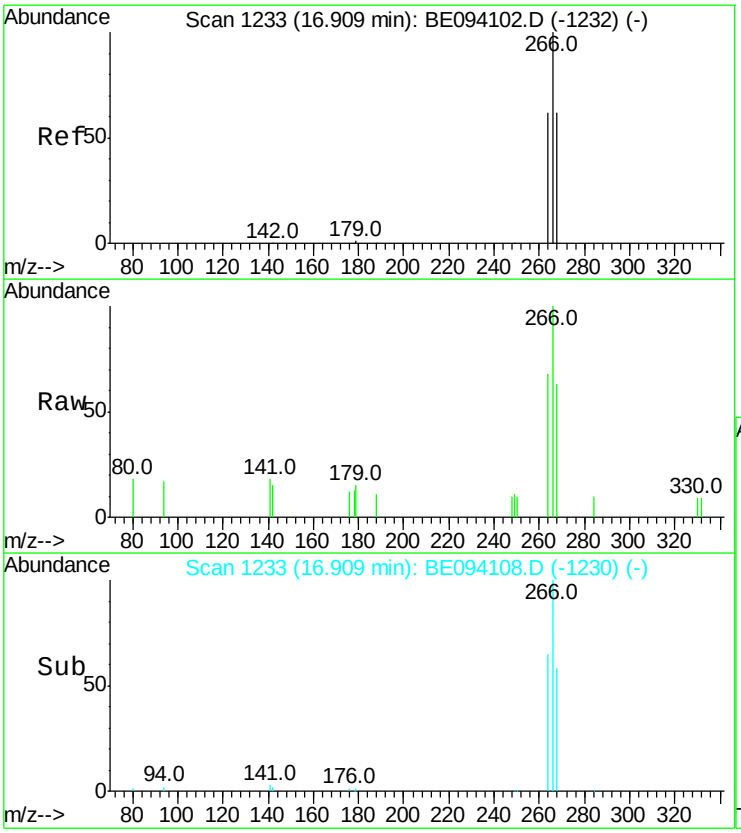
#21
Hexachlorobenzene
Concen: 0.428 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1414

Ion	Ratio	Lower	Upper
284	100		
142	35.0	22.1	33.1#
249	53.3	34.8	52.2#

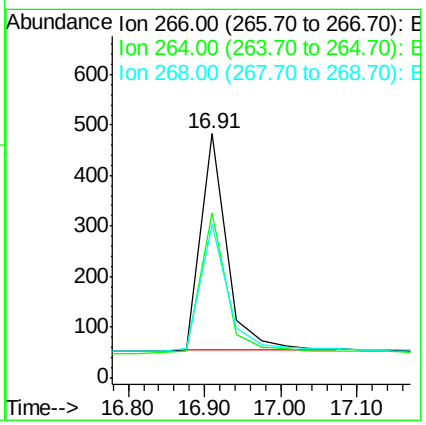


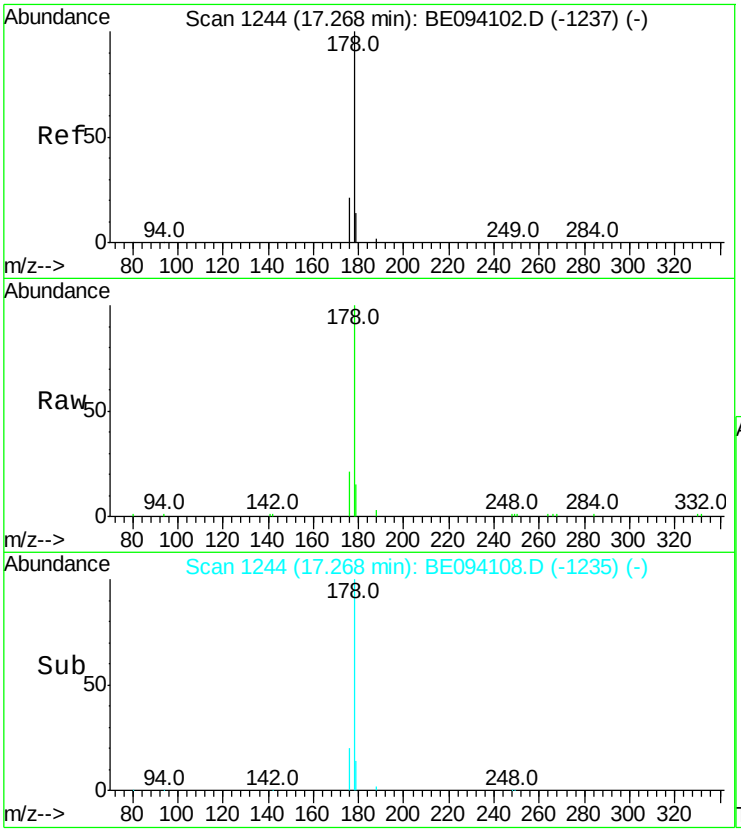


#22
Pentachlorophenol
Concen: 0.334 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:266 Resp: 1011

Ion	Ratio	Lower	Upper
266	100		
264	67.7	72.5	108.7#
268	62.7	73.8	110.6#



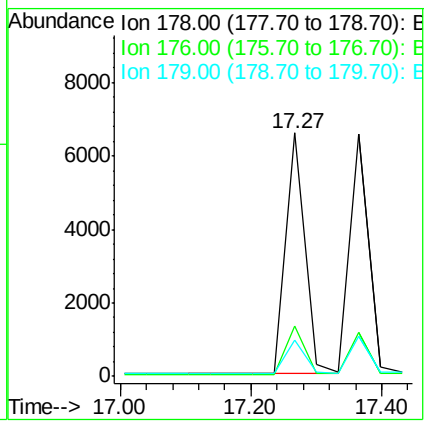


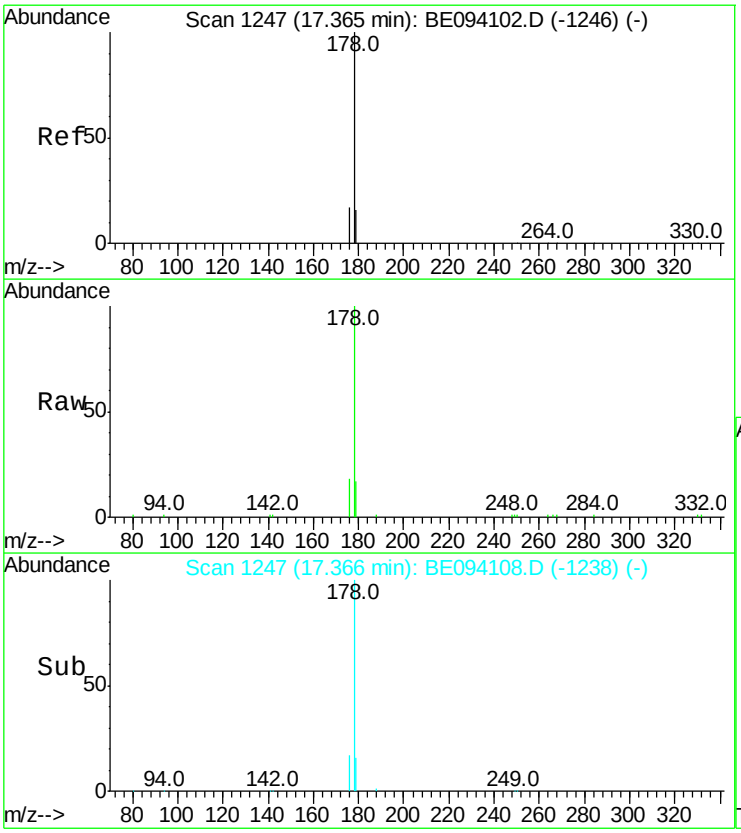
#23
Phenanthrene
Concen: 0.415 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 13555

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	14.1	11.8	17.6

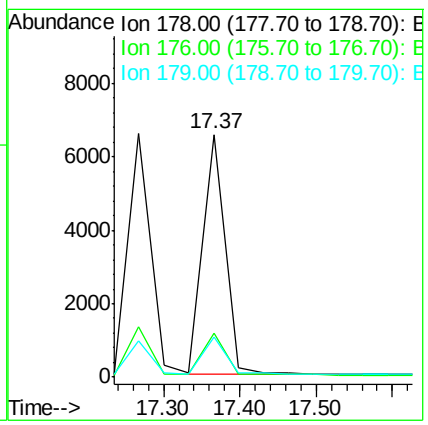


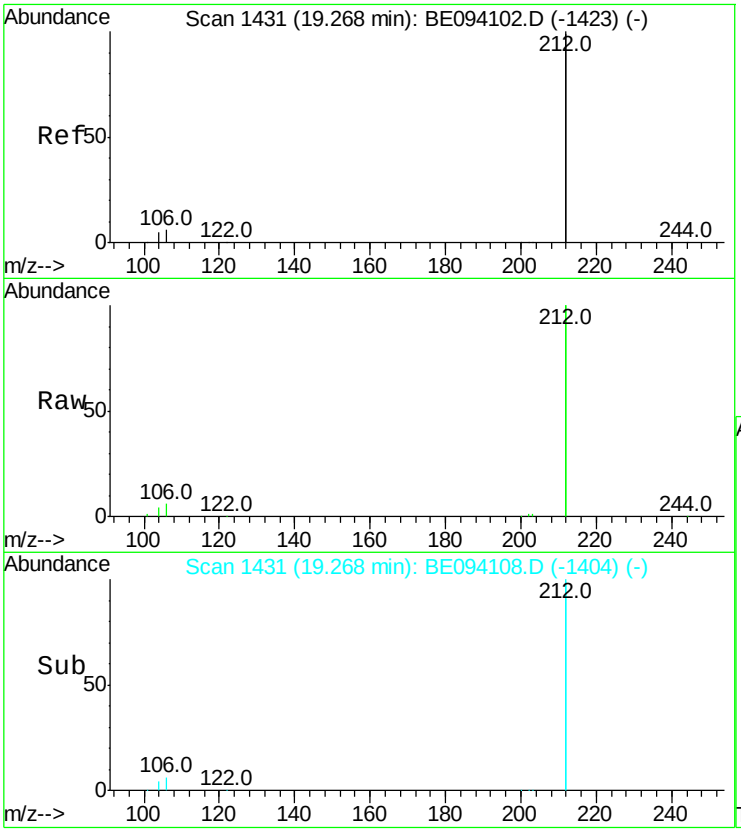


#24
Anthracene
Concen: 0.388 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:178 Resp: 13290

Ion	Ratio	Lower	Upper
178	100		
176	17.3	12.8	19.2
179	15.7	13.0	19.6



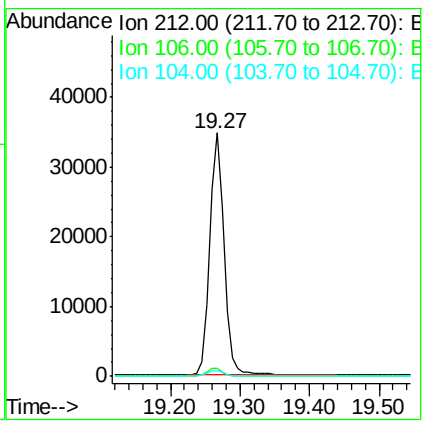


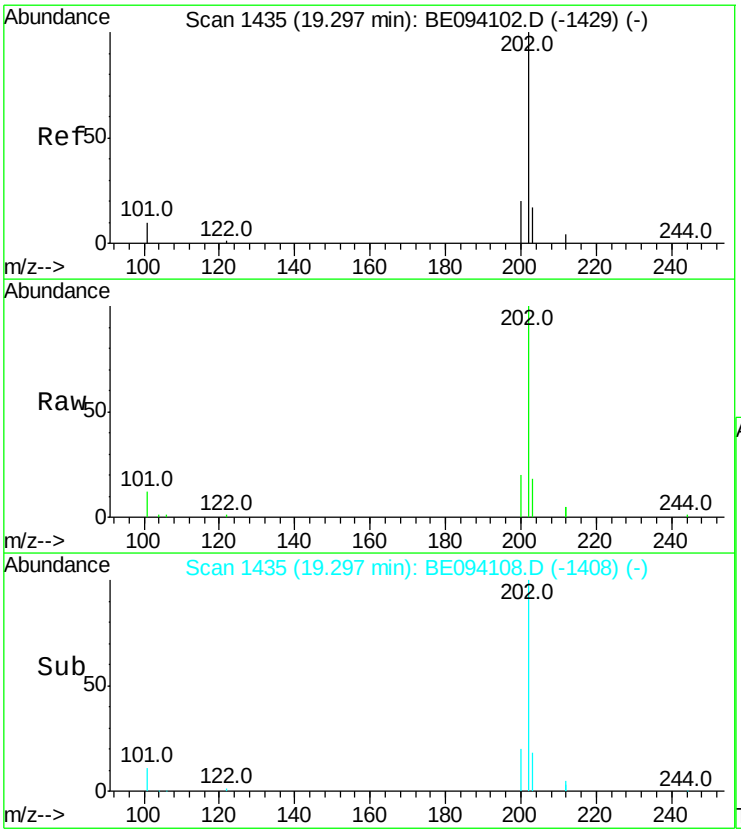
#25
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.27 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 49833

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.5	1.6	2.4#

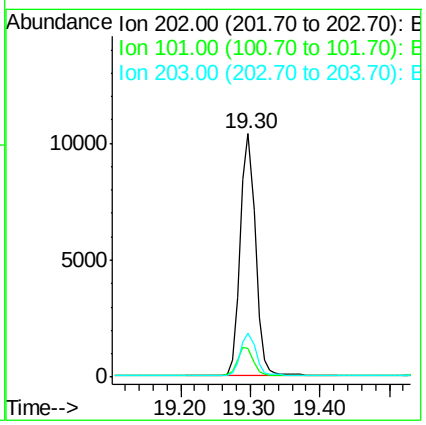


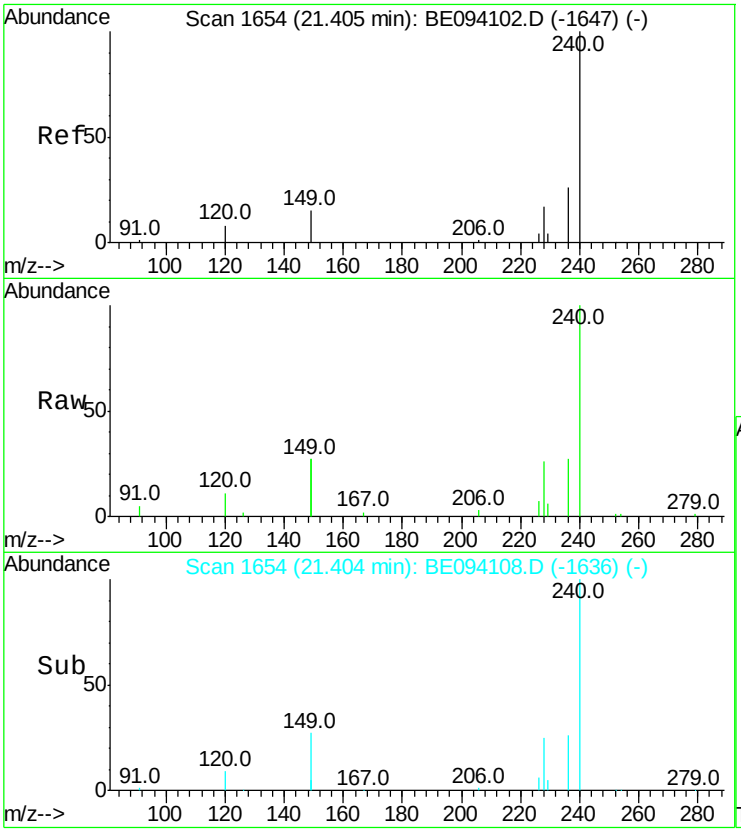


#26
Fluoranthene
Concen: 0.412 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:202 Resp: 15085

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
203	17.1	13.7	20.5



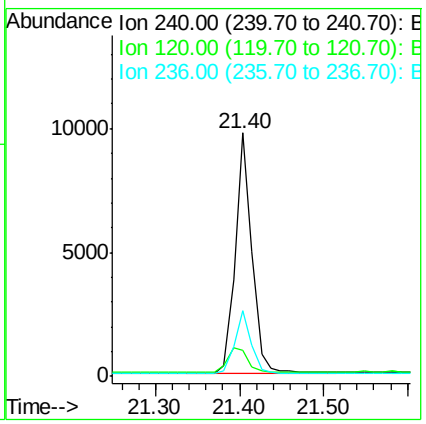


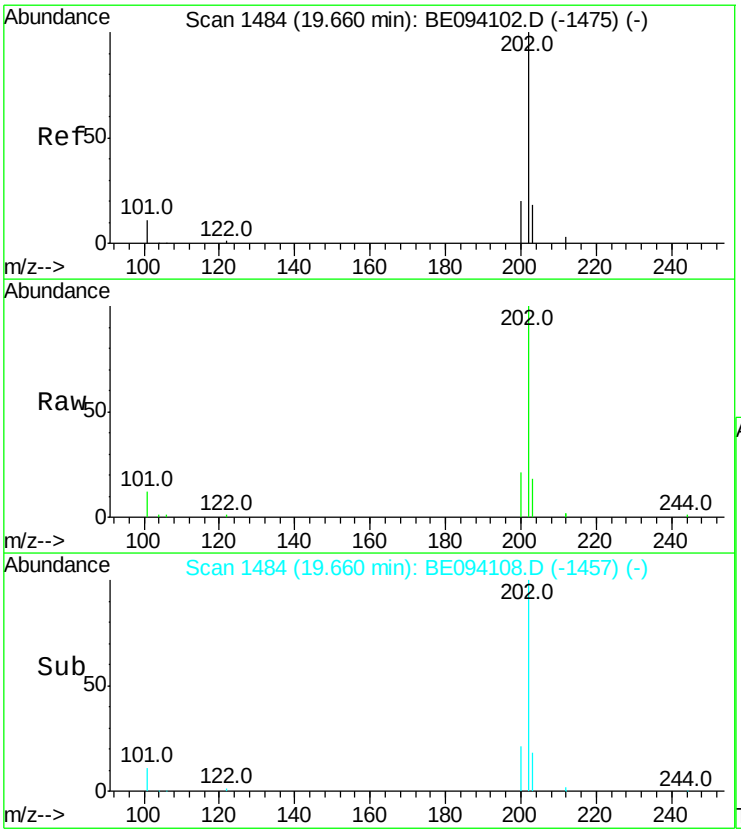
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 13536

Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.5	8.3#
236	27.2	20.7	31.1

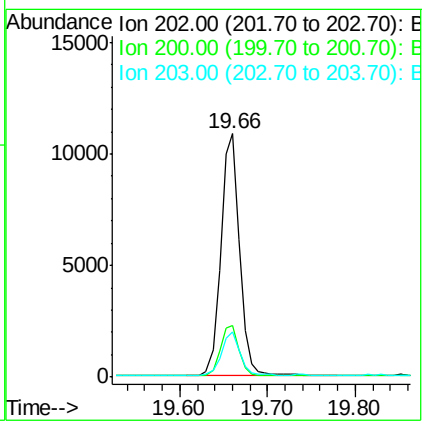


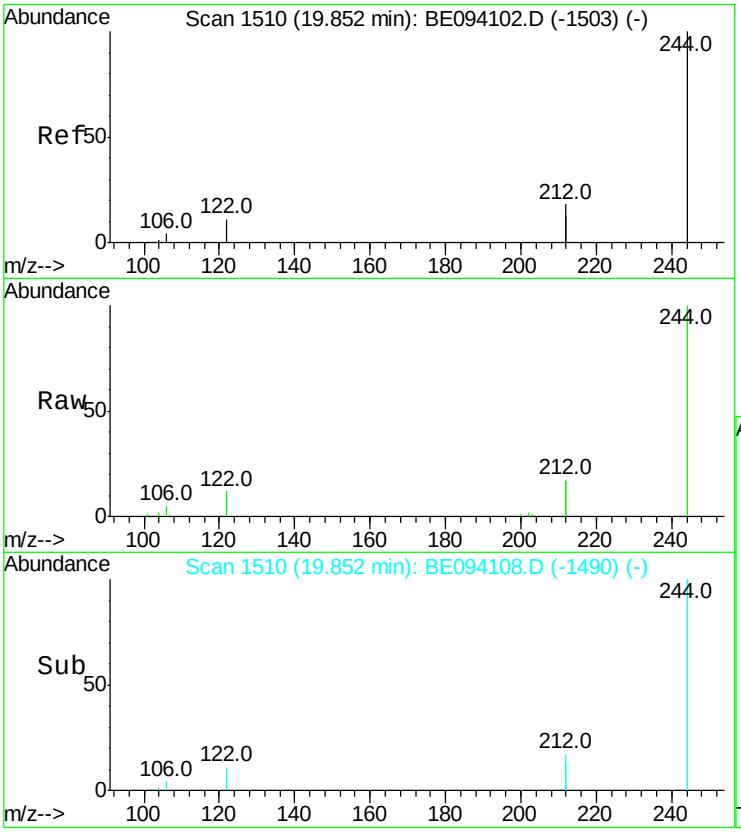


#28
Pyrene
Concen: 0.375 ng
RT: 19.66 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:202 Resp: 16071

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	13.8	20.8



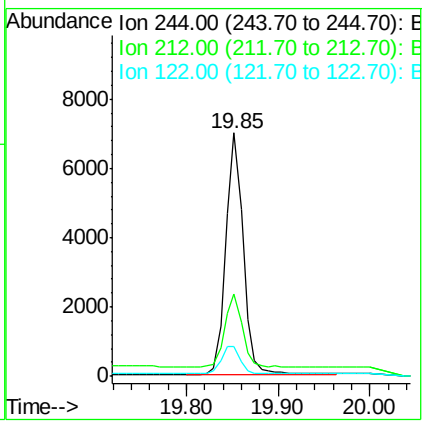


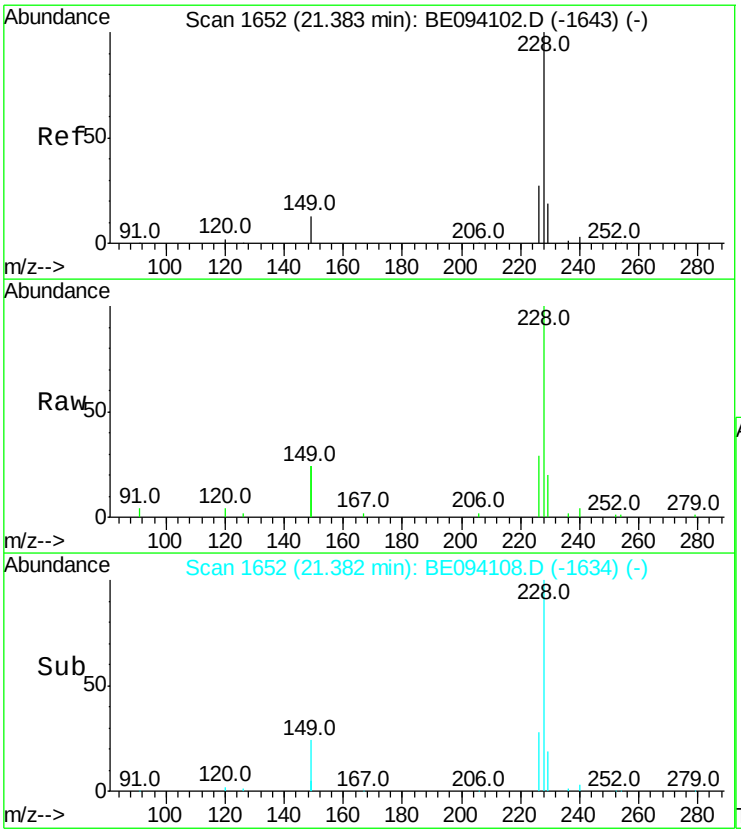
#29
Terphenyl-d14
Concen: 0.368 ng
RT: 19.85 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 9077

Ion	Ratio	Lower	Upper
244	100		
212	33.8	25.4	38.0
122	12.1	8.1	12.1

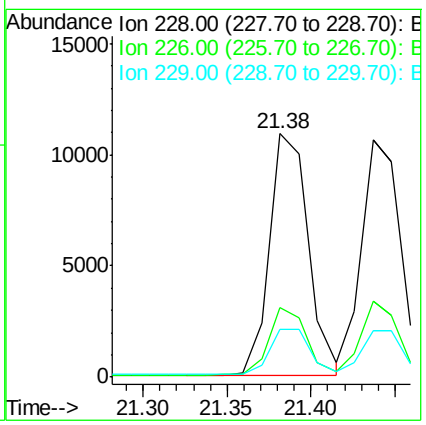


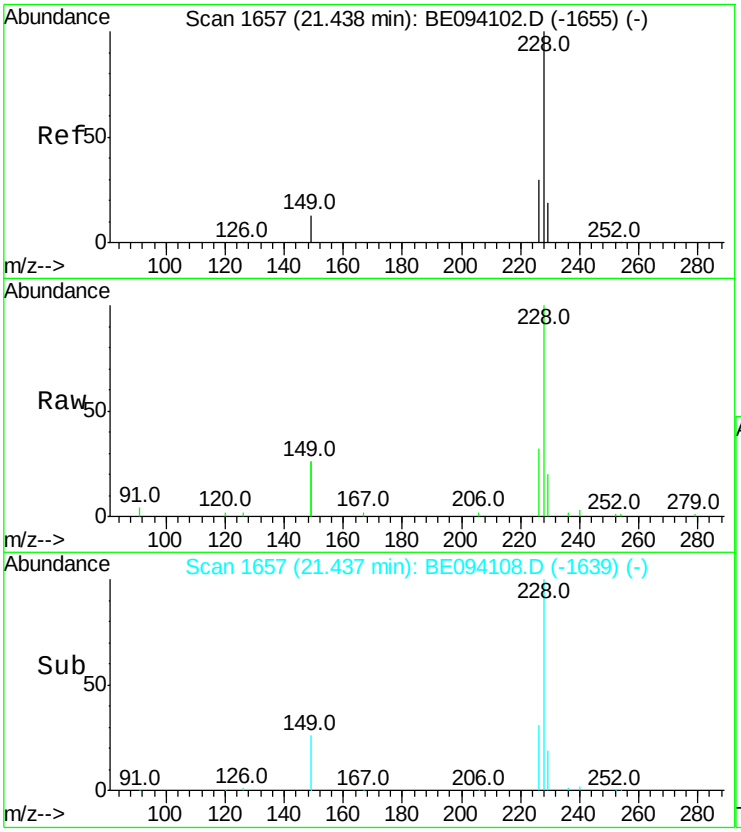


#30
Benzo(a)anthracene
Concen: 0.384 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:228 Resp: 17481

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.4	32.0
229	19.8	16.4	24.6



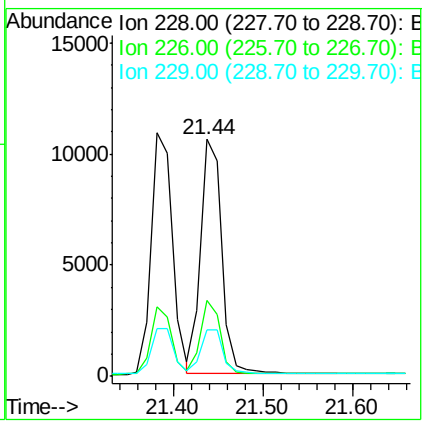


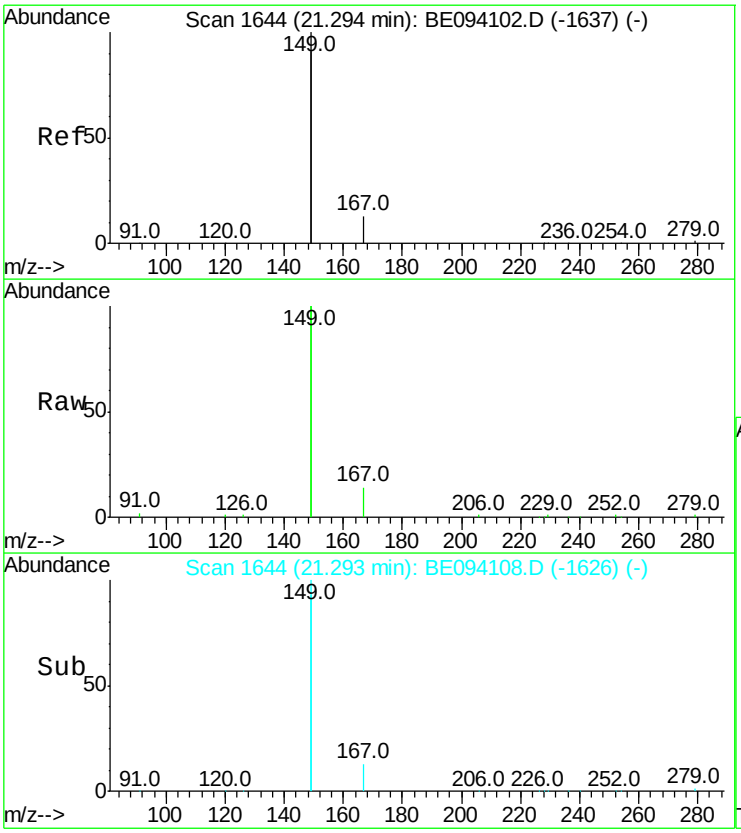
#31
Chrysene
Concen: 0.394 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 17341

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.6	35.4
229	19.9	16.4	24.6

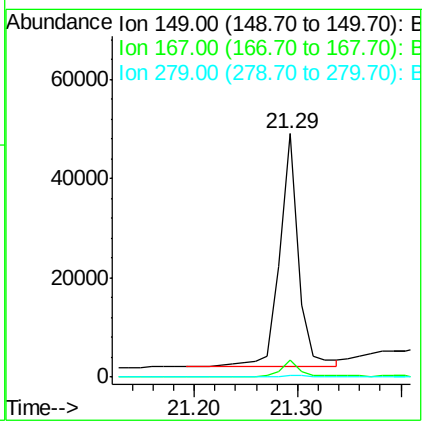


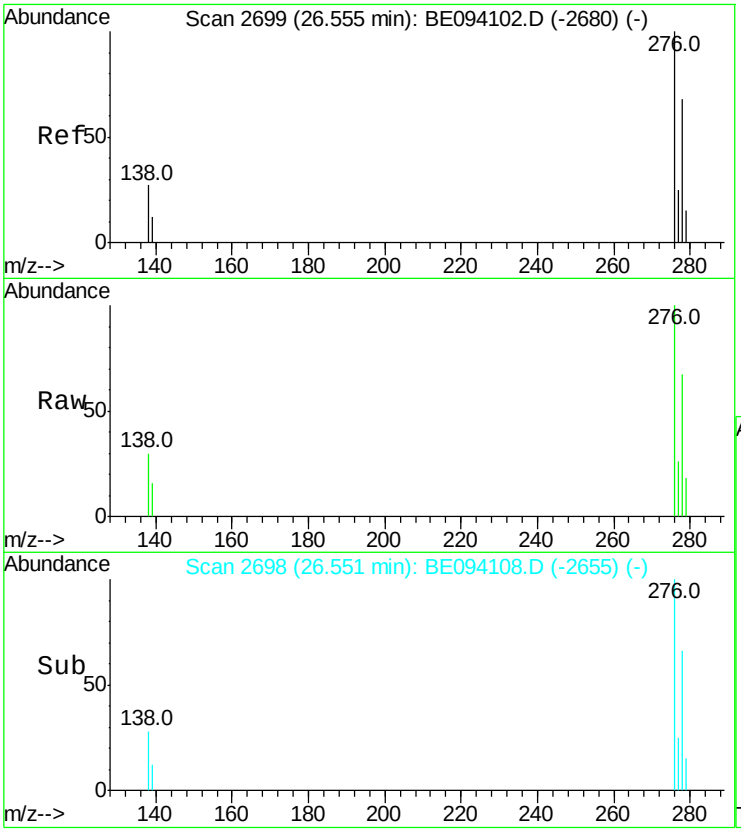


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.292 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:149 Resp: 60248

Ion	Ratio	Lower	Upper
149	100		
167	5.9	5.4	8.0
279	0.8	0.7	1.1



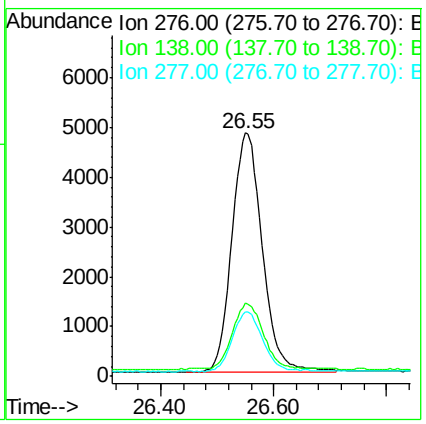


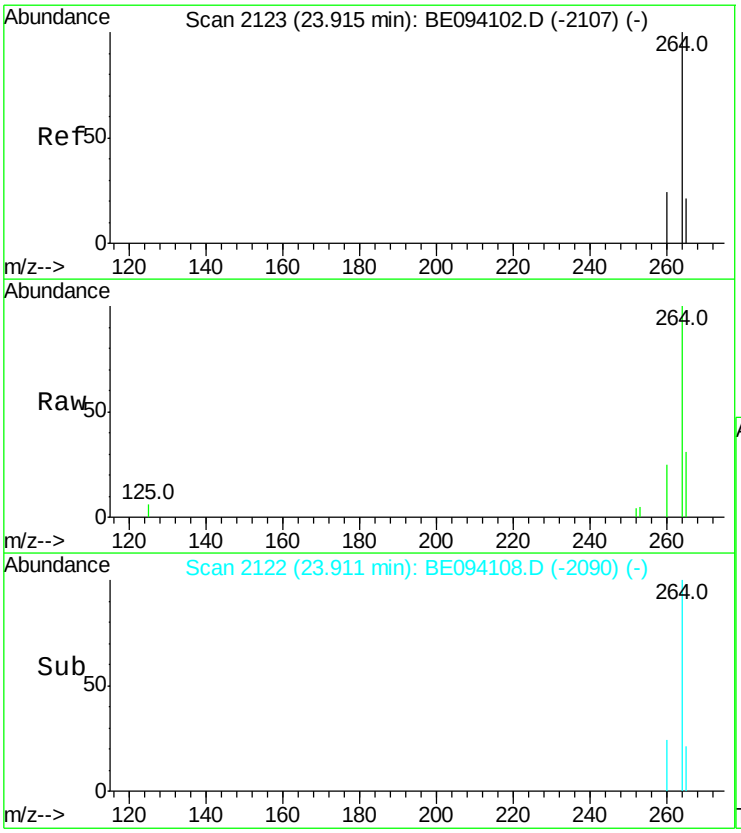
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 17525

Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.5	33.7
277	24.7	19.9	29.9

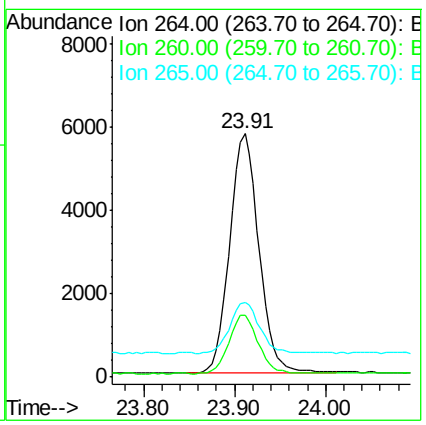


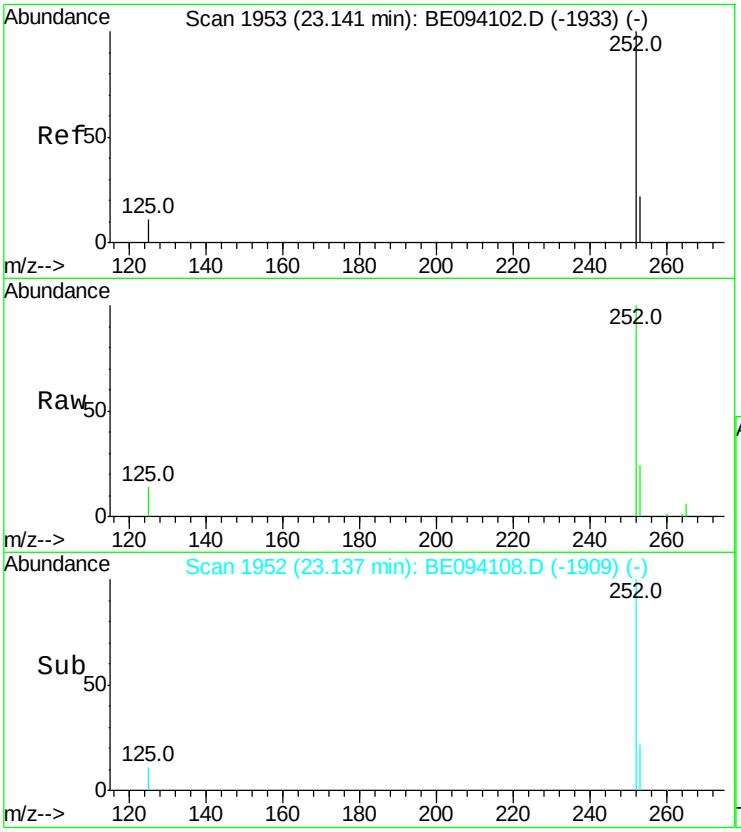


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:264 Resp: 12847

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	30.7	22.8	34.2



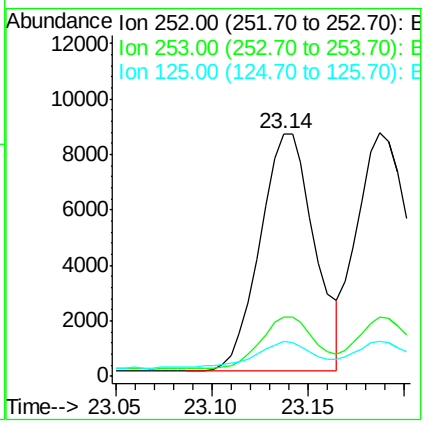


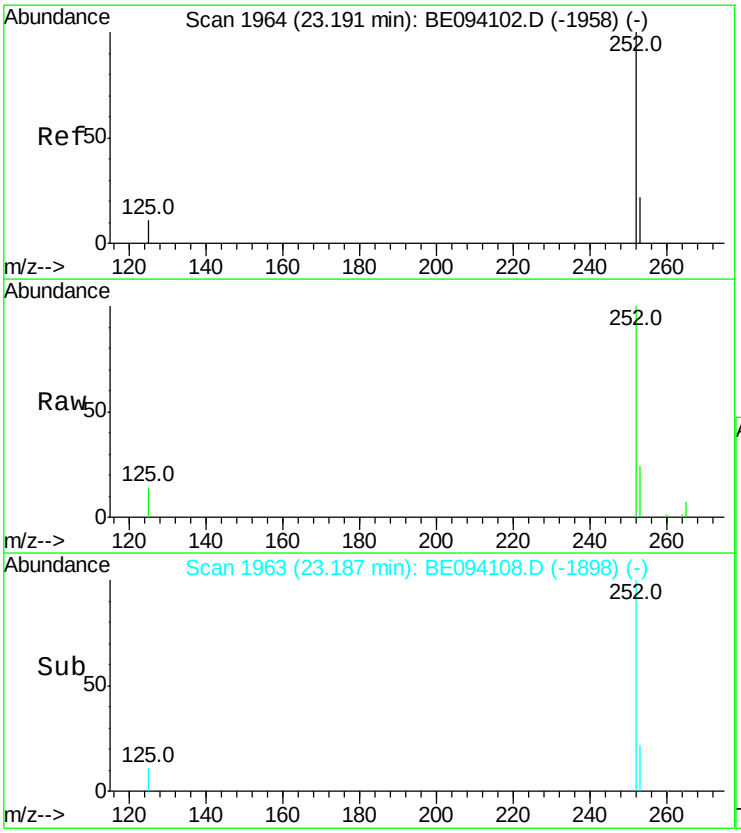
#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16896

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	14.2	10.1	15.1

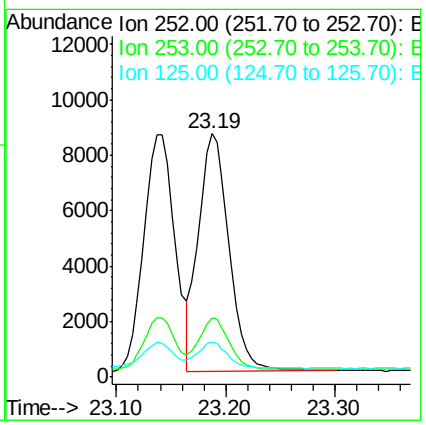


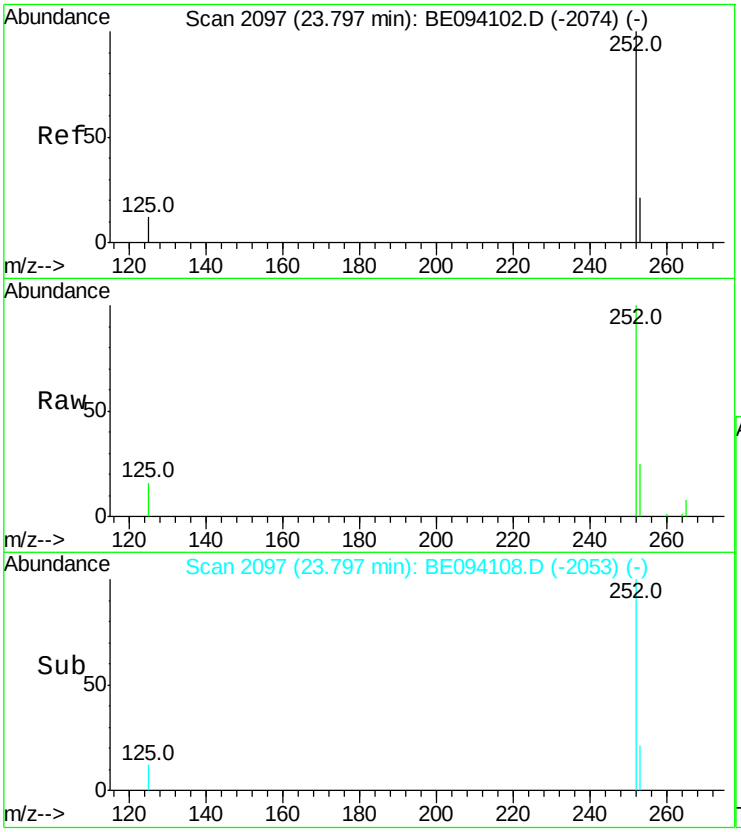


#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.19 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:252 Resp: 16685

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	27.8
125	14.3	10.7	16.1



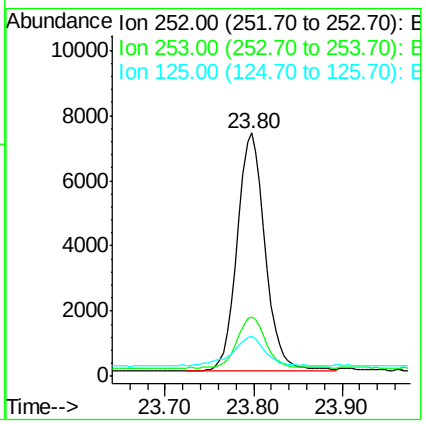


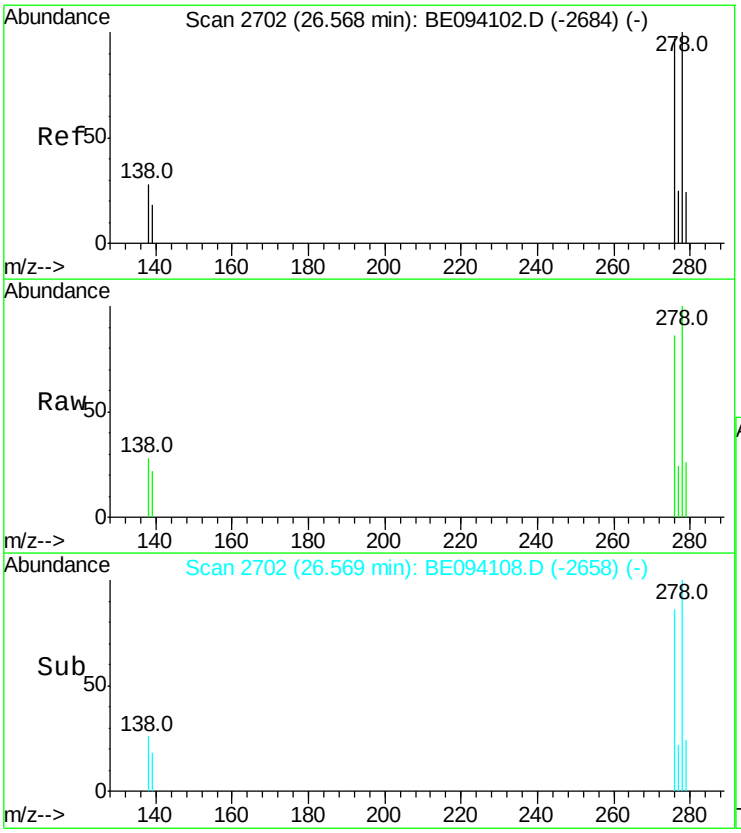
#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16003

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.0	28.6
125	16.4	11.8	17.8

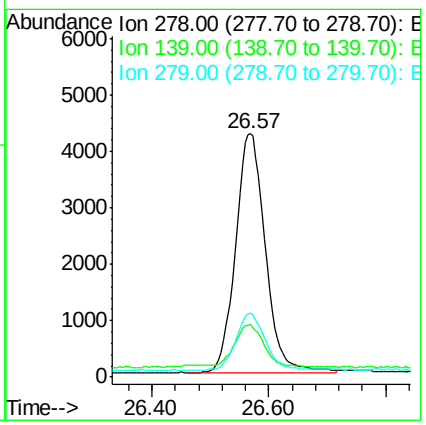


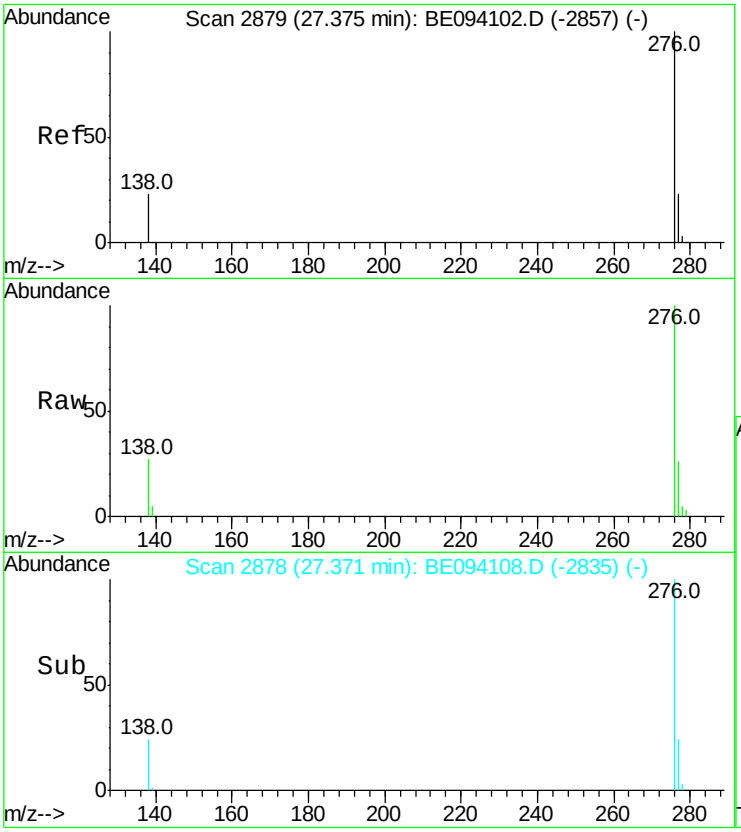


#38
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 26.57 min Scan# 2702
Delta R.T. 0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Tgt Ion:278 Resp: 15035

Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.3	24.5
279	26.4	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 27.37 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BE094108.D
Acq: 25 Sep 2017 18:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 14941

Ion	Ratio	Lower	Upper
276	100		
277	26.4	20.8	31.2
138	27.3	21.5	32.3