Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092617\
Data File : BE094123.D
Acq On : 26 Sep 2017 9:09
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 26 15:48:44 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1439	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	7478	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	4807	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	17150	0.40	ng		0.00
27) Chrysene-d12	21.40	240	14127	0.40	ng		0.00
34) Perylene-d12	23.91	264	13425	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	2021	0.37	ng		0.00
5) Phenol-d6	7.09	99	3095	0.41	ng		0.00
8) Nitrobenzene-d5	9.06	82	2516	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	4830	0.42	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	927	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	6198	0.39	ng		0.00
25) Fluoranthene-d10	19.27	212	61927	0.37	ng		0.00
29) Terphenyl-d14	19.85	244	10820	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	1050	0.374	ng		96
3) n-Nitrosodimethylamine	3.73	42	1138	0.318	ng	#	95
6) bis(2-Chloroethyl)ether	7.33	93	2290	0.390	ng		98
9) Naphthalene	10.74	128	33527	0.397	ng		100
10) Hexachlorobutadiene	11.03	225	1204	0.380	ng		98
12) 2-Methylnaphthalene	12.35	142	5746	0.420	ng		98
16) Acenaphthylene	14.23	152	9777	0.406	ng		100
17) Acenaphthene	14.57	154	6481	0.430	ng		98
18) Fluorene	15.56	166	8599	0.421	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	3303	0.469	ng		98
21) Hexachlorobenzene	16.55	284	2478	0.558	ng		95
22) Pentachlorophenol	16.91	266	1193	0.293	ng	#	71
23) Phenanthrene	17.27	178	20312	0.463	ng		99
24) Anthracene	17.37	178	18078	0.393	ng		99
26) Fluoranthene	19.30	202	18572	0.378	ng		100
28) Pyrene	19.66	202	19553	0.437	ng		99
30) Benzo(a)anthracene	21.38	228	18646	0.392	ng		98
31) Chrysene	21.44	228	18100	0.394	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	51482	0.186	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	18474	0.376	ng		100
35) Benzo(b)fluoranthene	23.14	252	17815	0.368	ng		96
36) Benzo(k)fluoranthene	23.19	252	17247	0.372	ng		97
37) Benzo(a)pyrene	23.80	252	16835	0.385	ng		96
38) Dibenzo(a,h)anthracene	26.57	278	15761	0.380	ng		96
39) Benzo(g,h,i)perylene	27.37	276	15657	0.382	ng		99

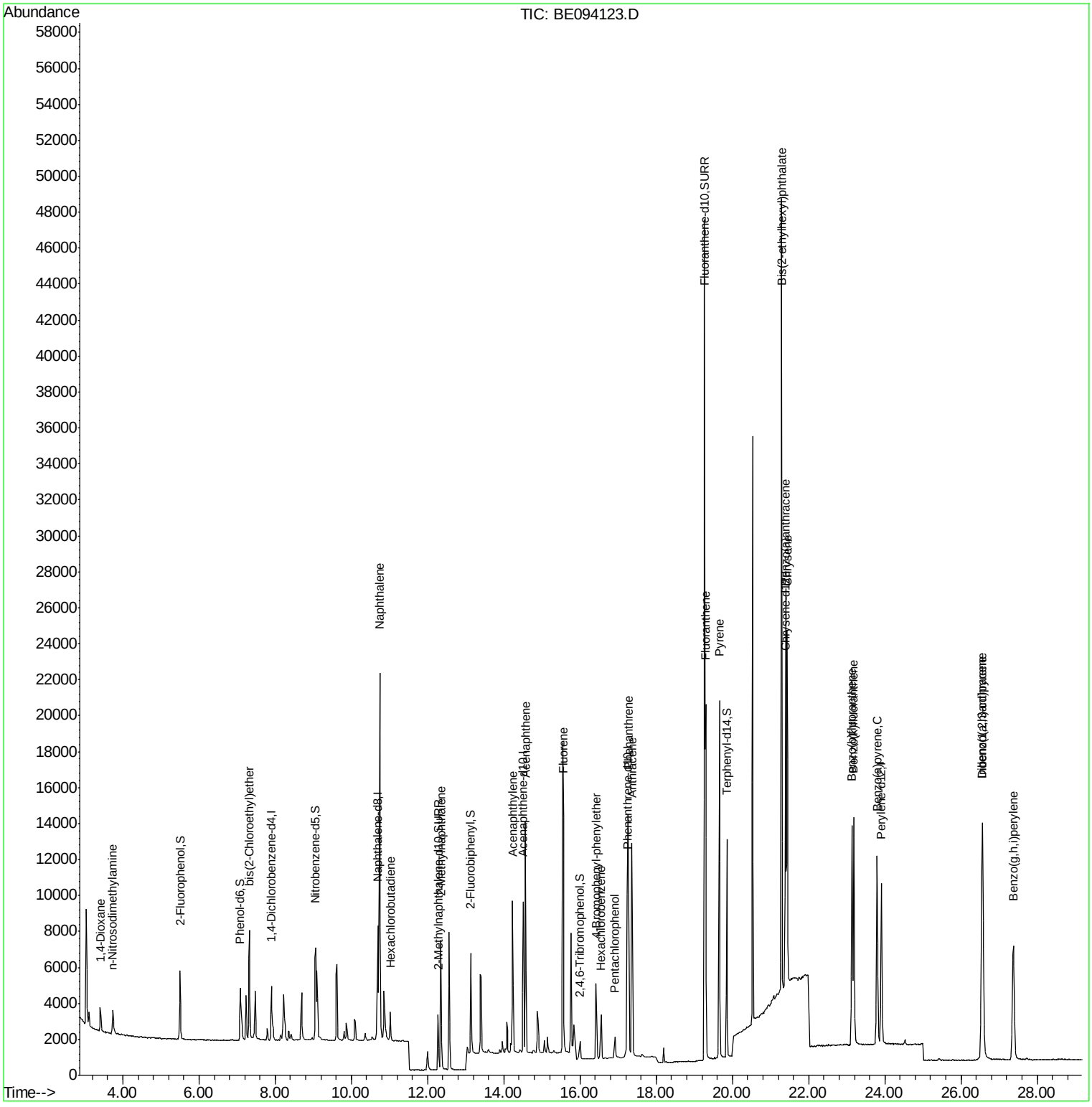
(#) = qualifier out of range (m) = manual integration (+) = signals summed

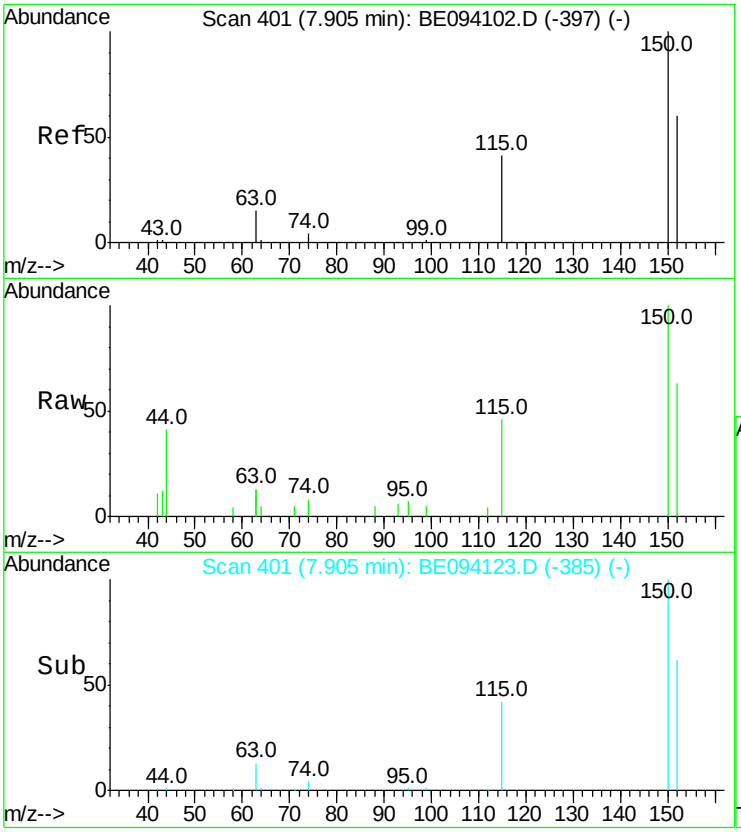
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092617\
Data File : BE094123.D
Acq On : 26 Sep 2017 9:09
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 26 15:48:44 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
Response via : Initial Calibration



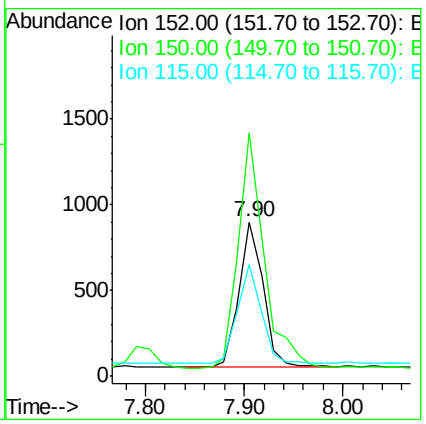


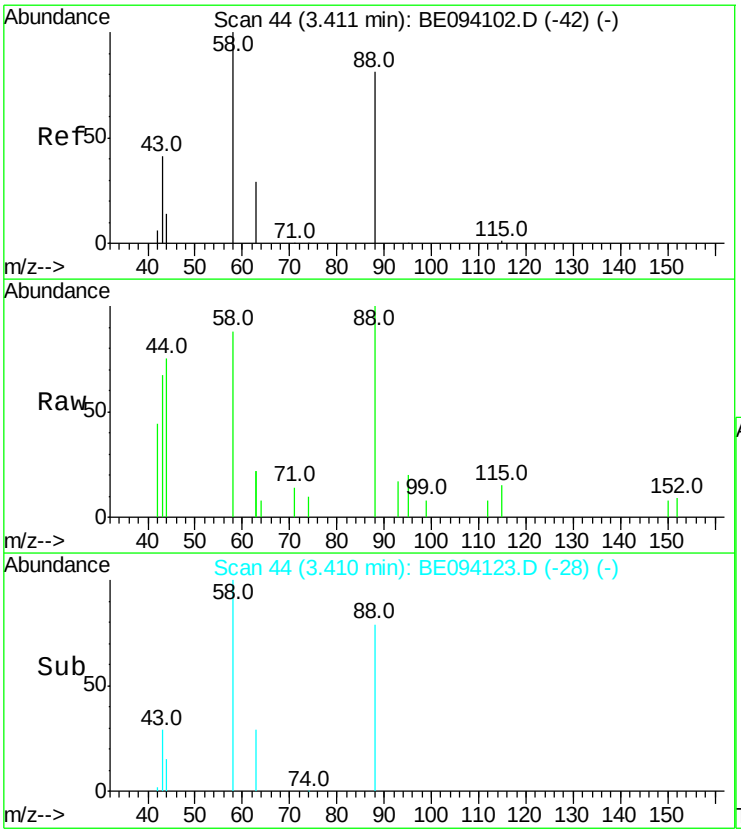
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1439

Ion	Ratio	Lower	Upper
152	100		
150	157.6	117.2	175.8
115	72.6	57.0	85.6

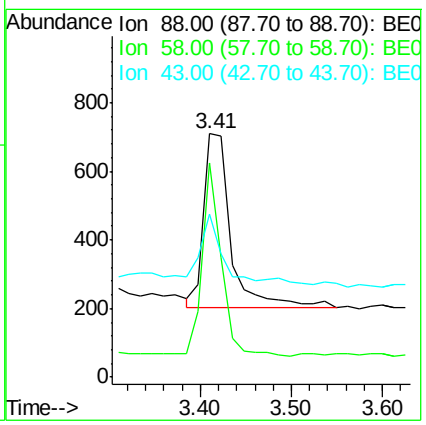


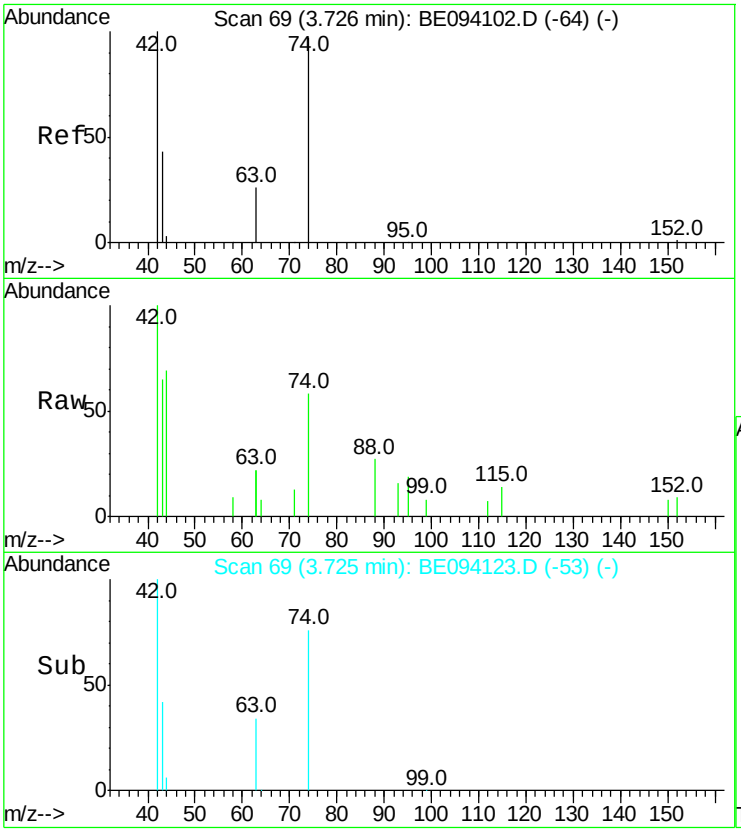


#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion: 88 Resp: 1050

Ion	Ratio	Lower	Upper
88	100		
58	76.5	63.2	94.8
43	47.0	41.2	61.8



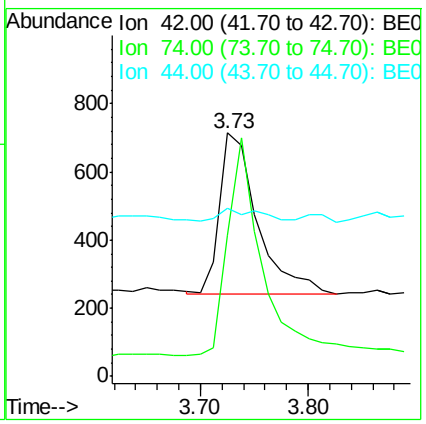


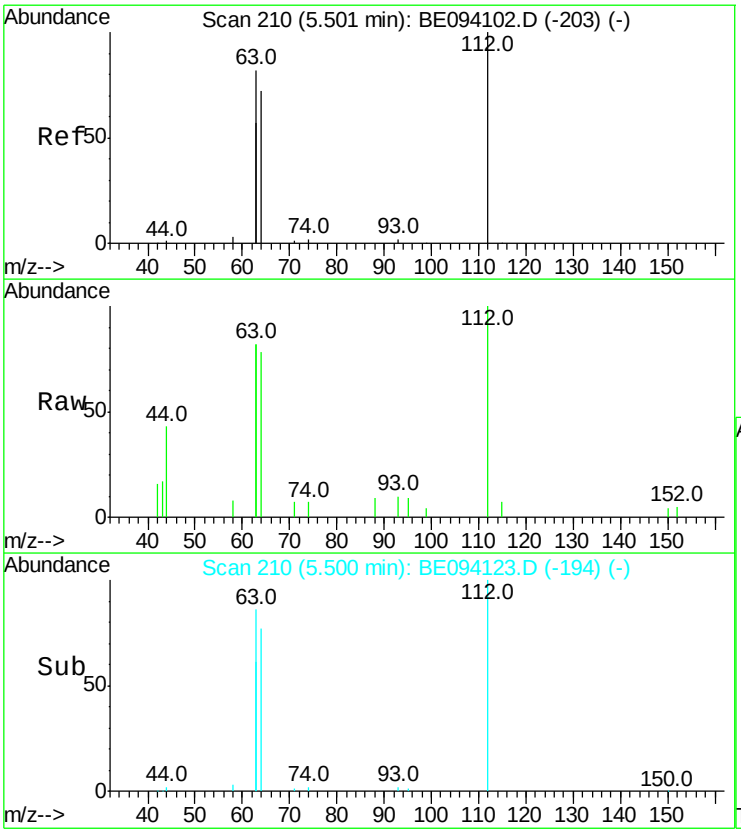
#3
n-Nitrosodimethylamine
Concen: 0.318 ng
RT: 3.73 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1138

Ion	Ratio	Lower	Upper
42	100		
74	127.0	100.3	150.5
44	7.5	17.0	25.4#

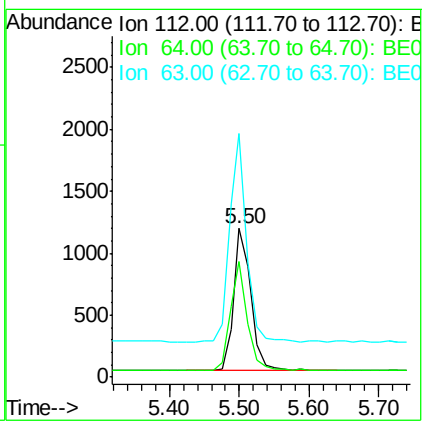


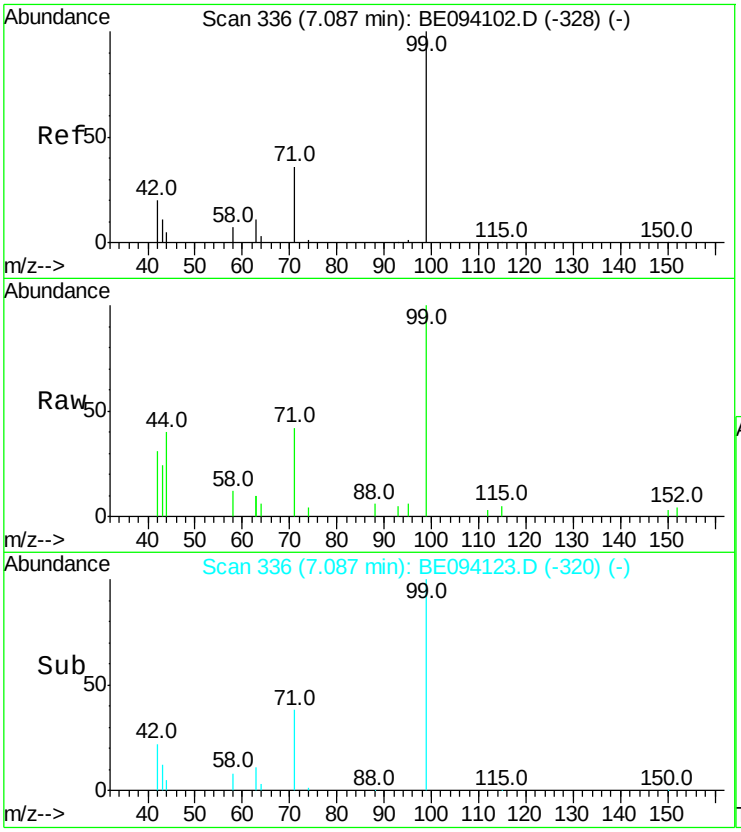


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:112 Resp: 2021

Ion	Ratio	Lower	Upper
112	100		
64	75.3	60.1	90.1
63	143.3	116.8	175.2



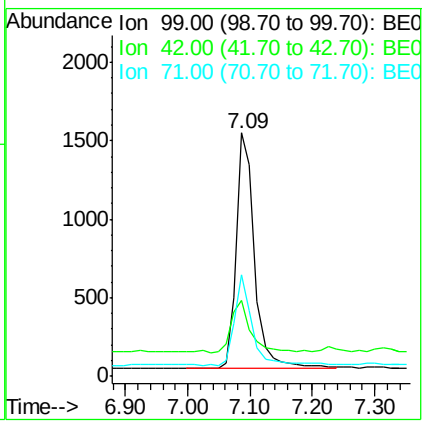


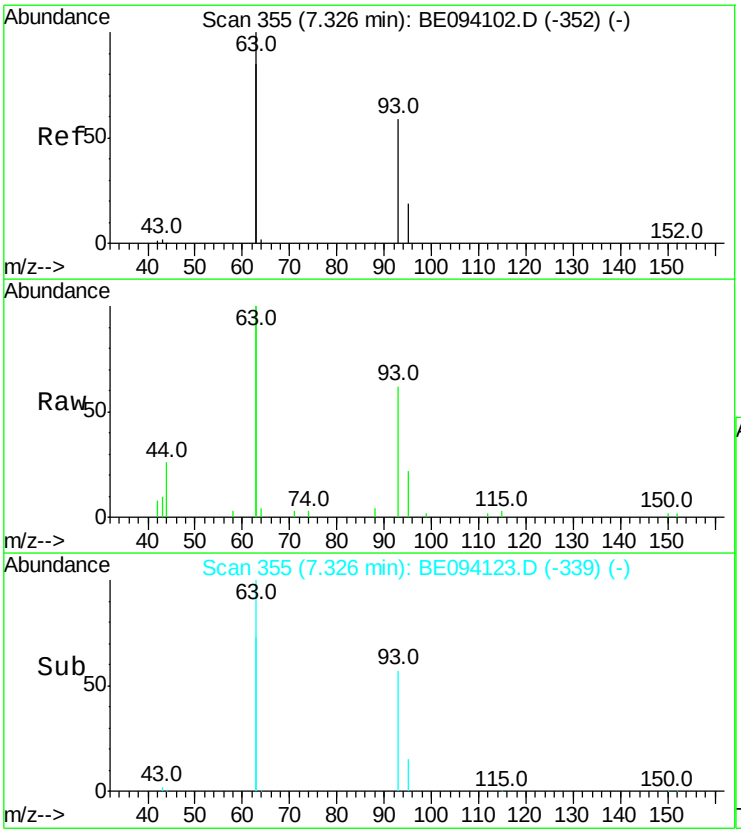
#5
Phenol-d6
Concen: 0.408 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3095

Ion	Ratio	Lower	Upper
99	100		
42	25.0	20.2	30.2
71	36.3	28.4	42.6

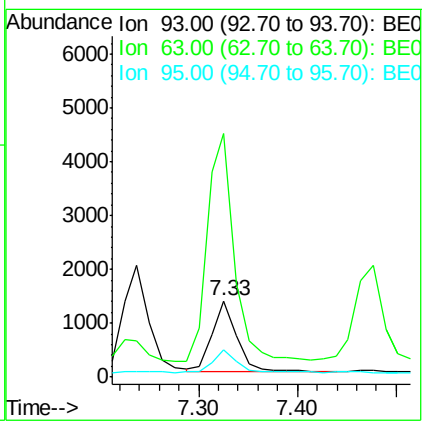


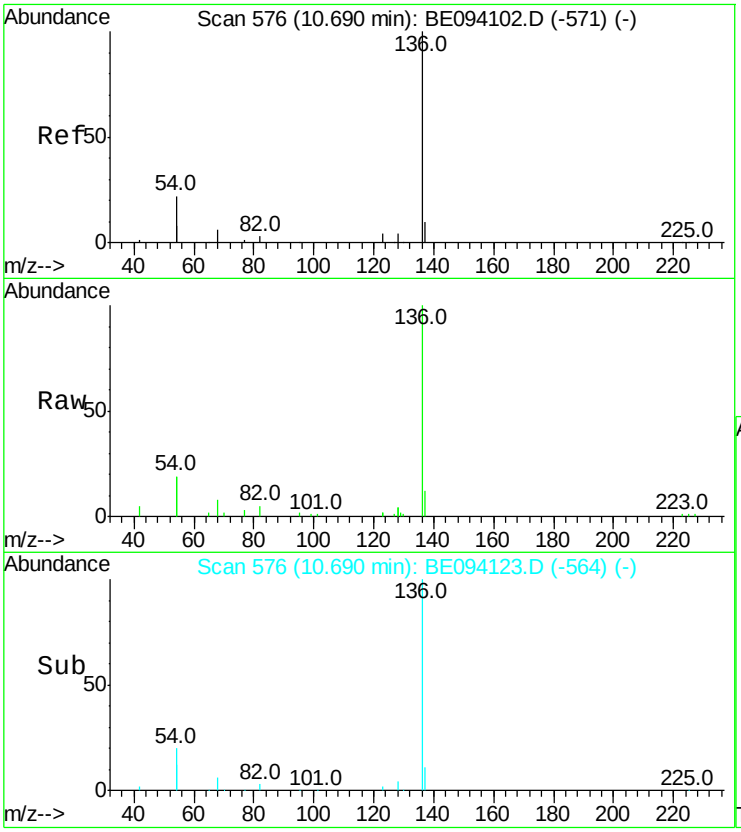


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.33 min Scan# 355
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion: 93 Resp: 2290

Ion	Ratio	Lower	Upper
93	100		
63	349.5	275.3	412.9
95	31.4	25.2	37.8



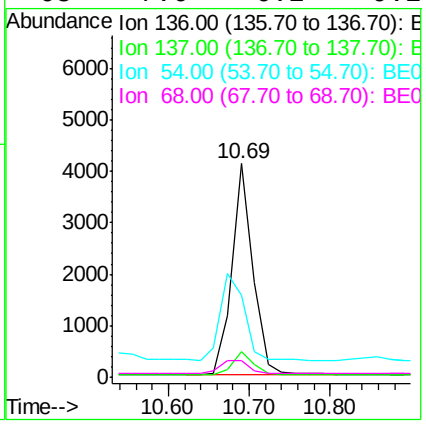


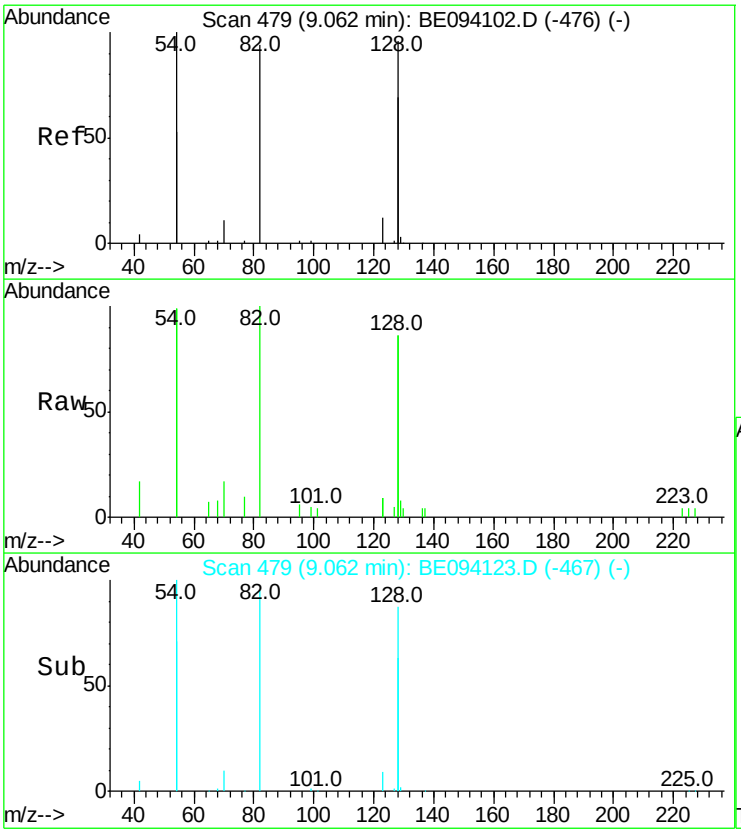
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 7478

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	38.7	29.1	43.7
68	7.6	6.2	9.2

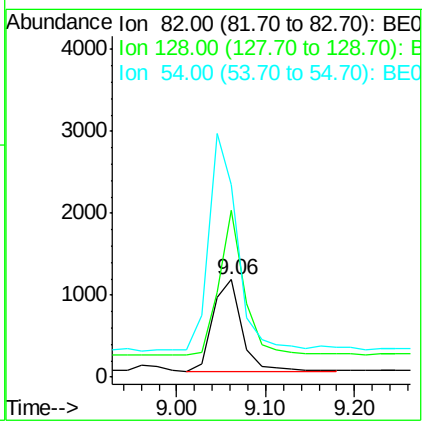


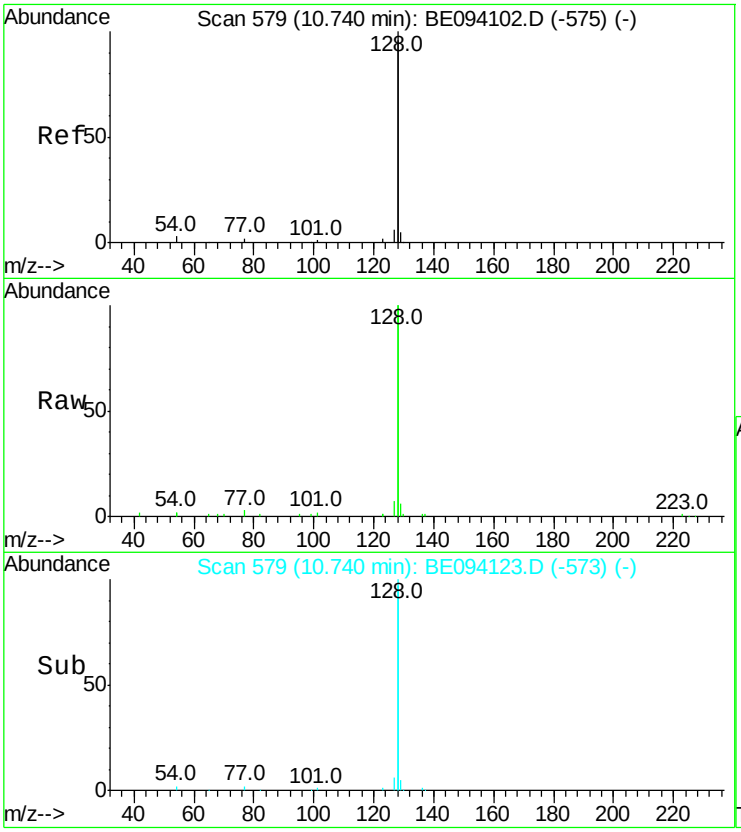


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion: 82 Resp: 2516

Ion	Ratio	Lower	Upper
82	100		
128	171.6	150.0	225.0
54	198.1	154.2	231.4



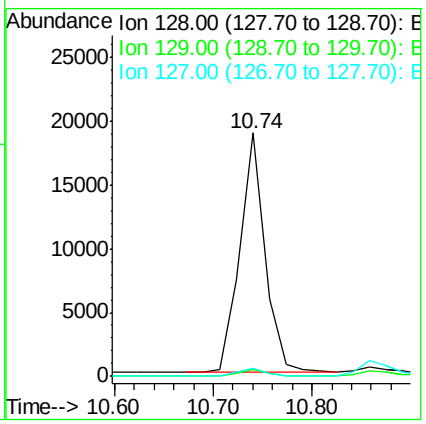


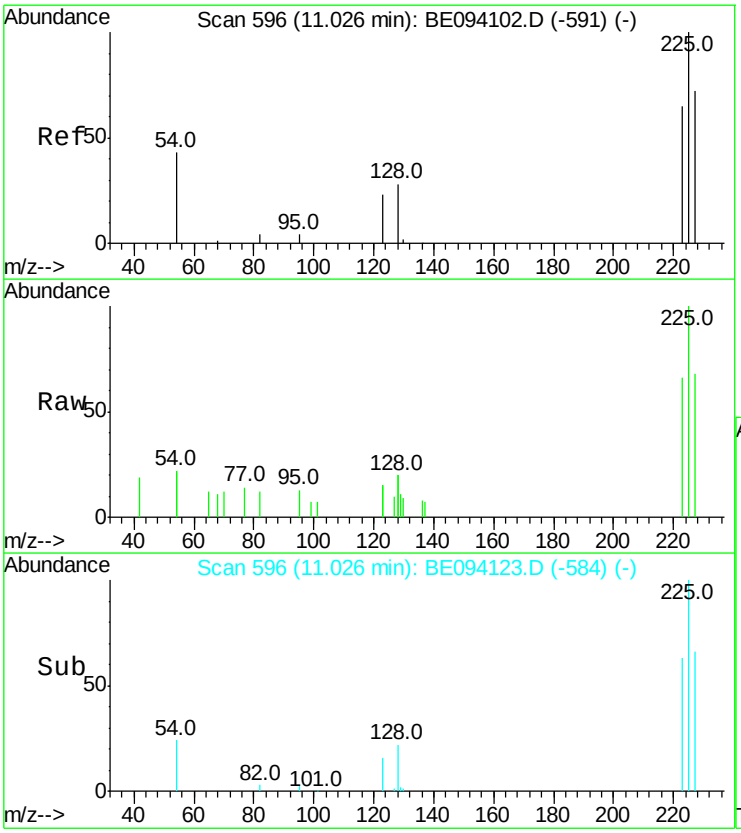
#9
Naphthalene
Concen: 0.397 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 33527

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

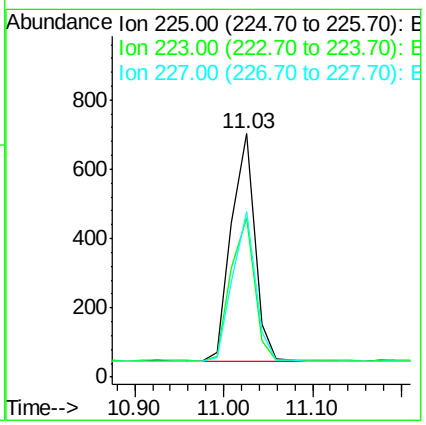


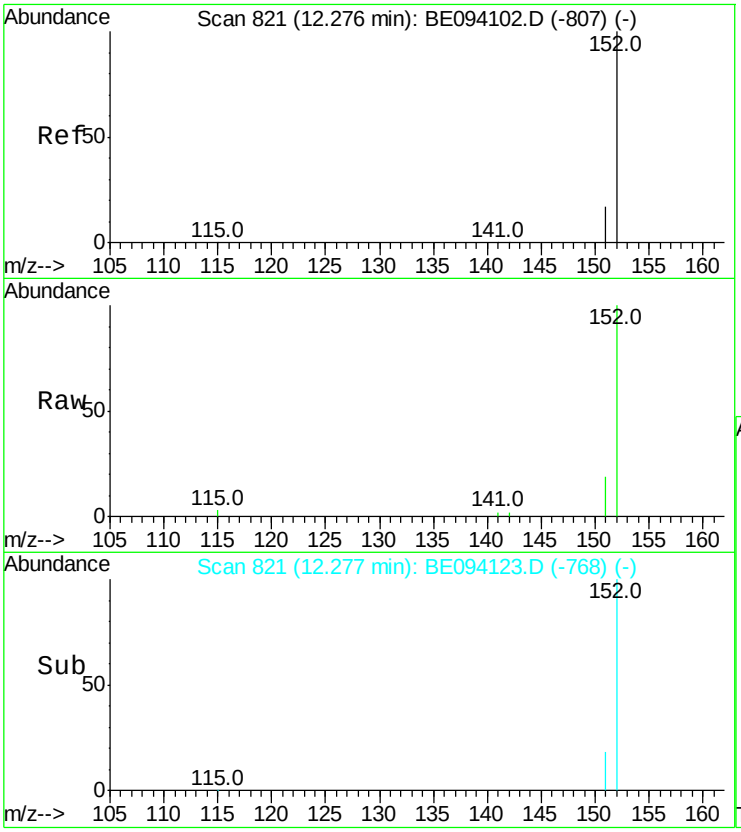


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 11.03 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:225 Resp: 1204

Ion	Ratio	Lower	Upper
225	100		
223	63.8	53.0	79.6
227	64.5	51.4	77.2



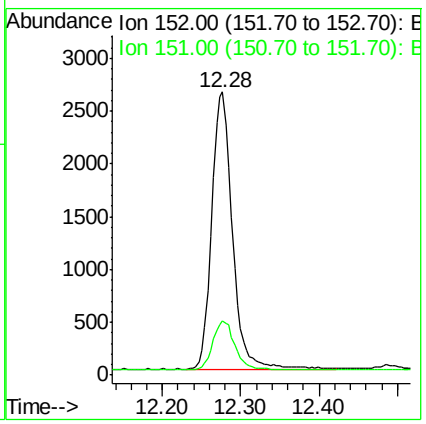


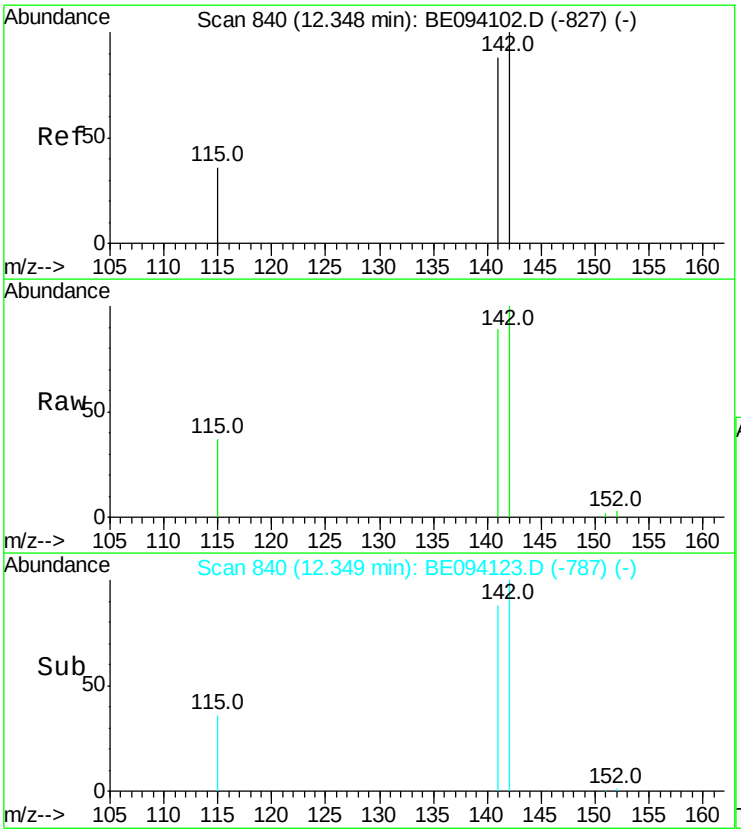
#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4830

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

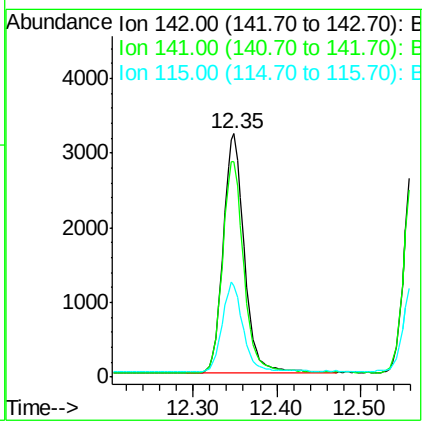


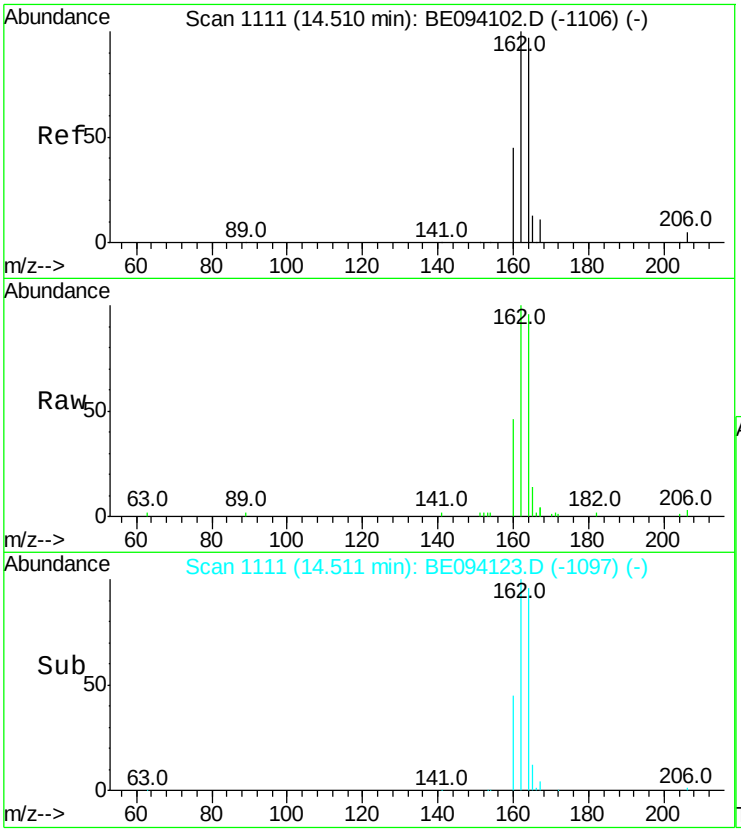


#12
2-Methylnaphthalene
Concen: 0.420 ng
RT: 12.35 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:142 Resp: 5746

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	37.3	31.7	47.5



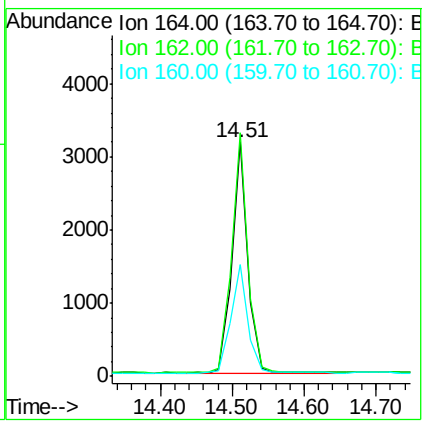


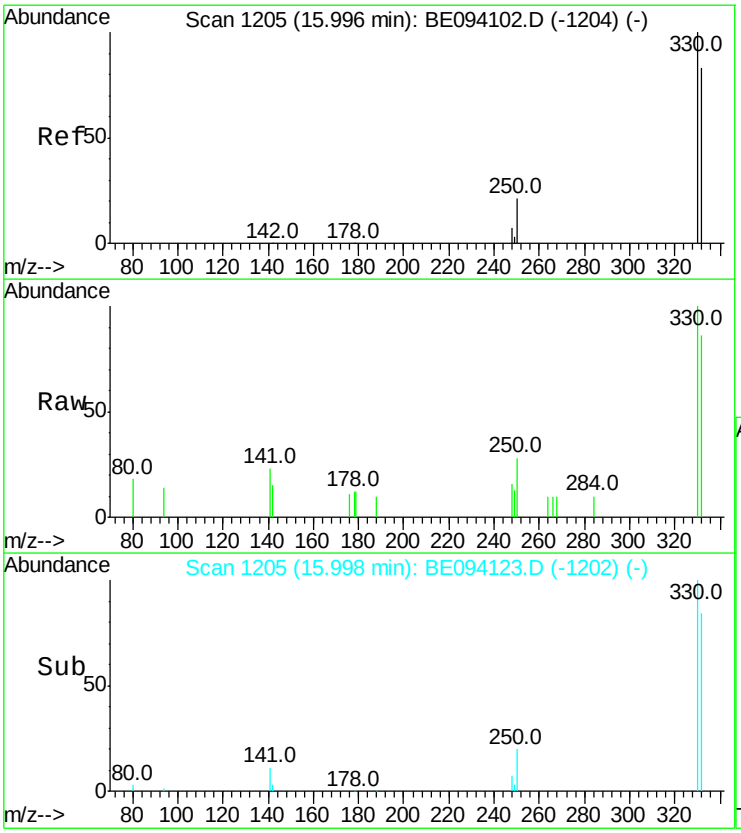
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4807

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.1	124.7
160	47.8	37.1	55.7

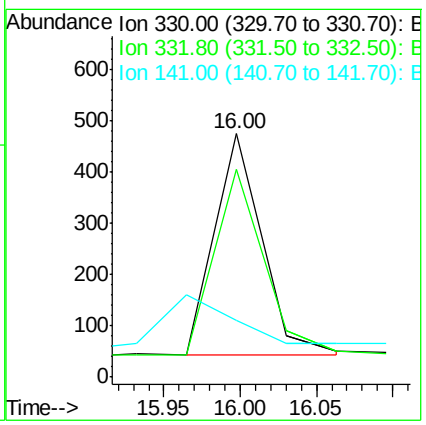


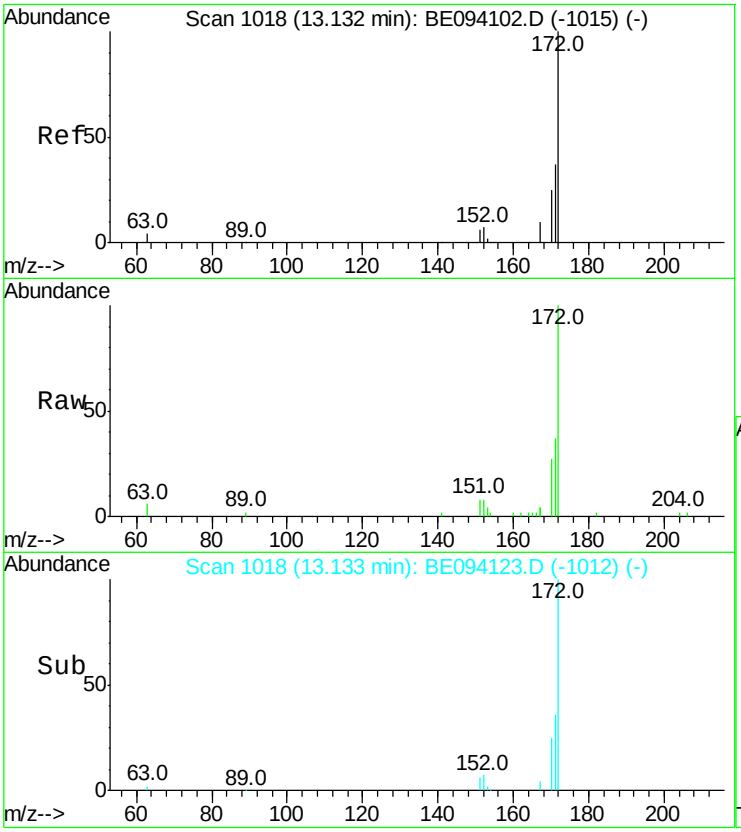


#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:330 Resp: 927

Ion	Ratio	Lower	Upper
330	100		
332	87.8	152.7	229.1#
141	0.0	33.7	50.5#



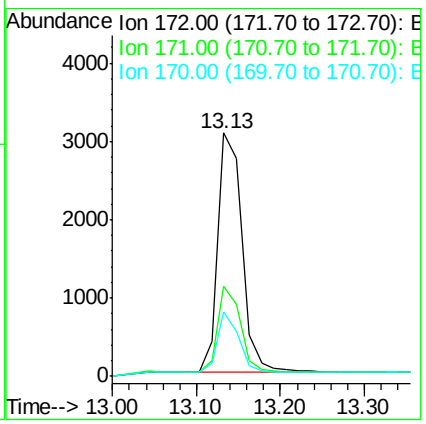


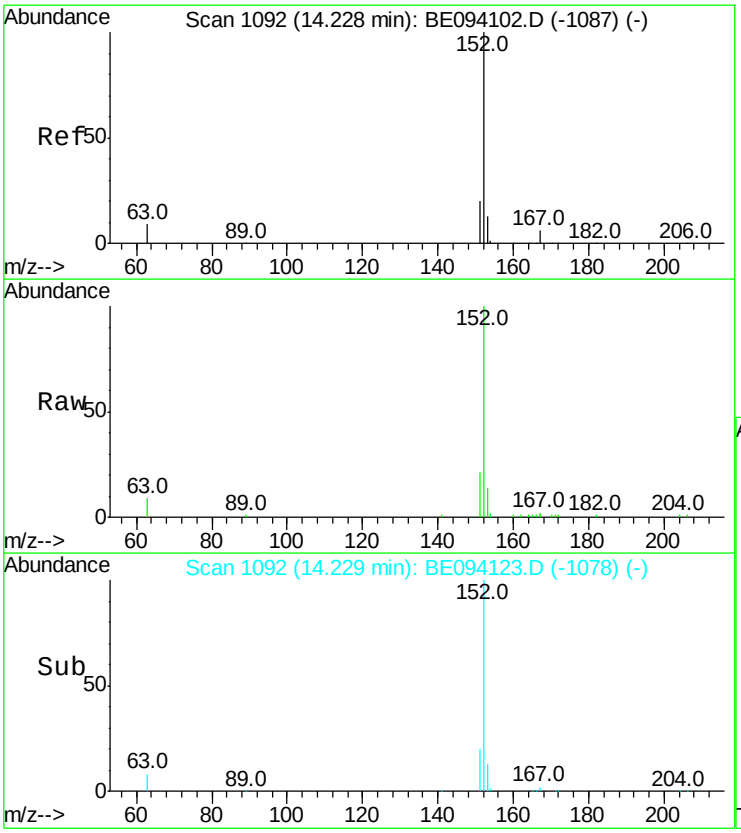
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6198

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	26.6	21.8	32.8

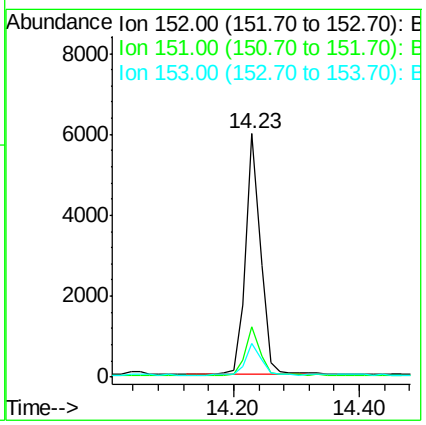


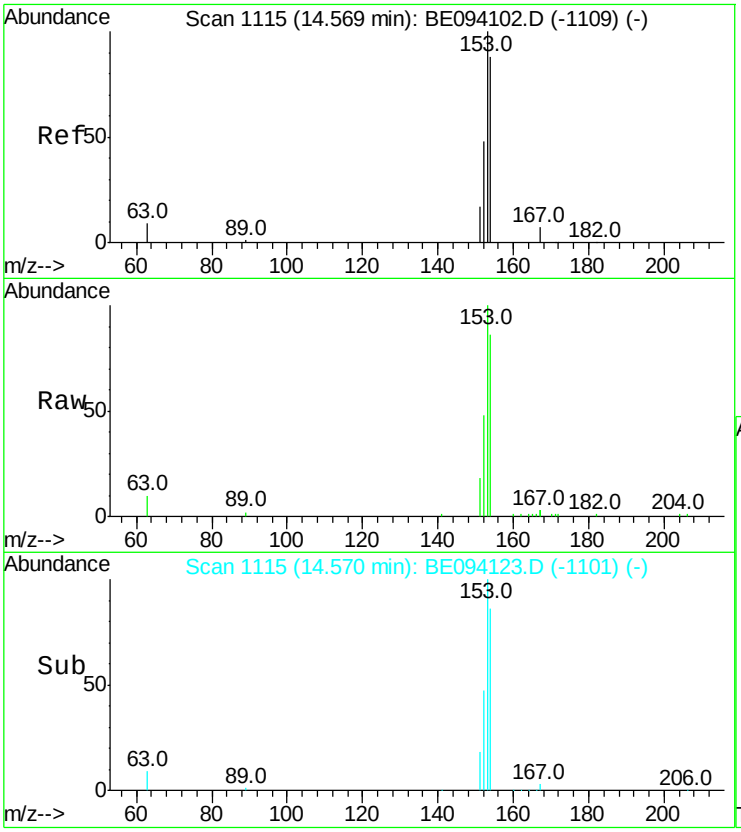


#16
Acenaphthylene
Concen: 0.406 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:152 Resp: 9777

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.8	10.5	15.7



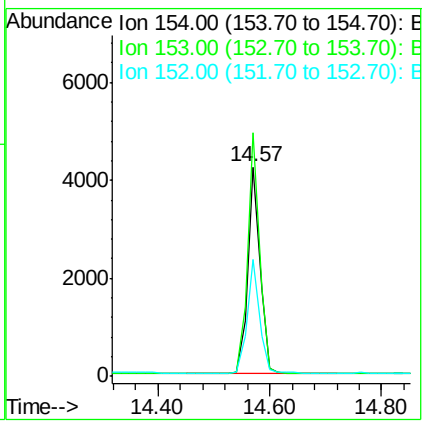


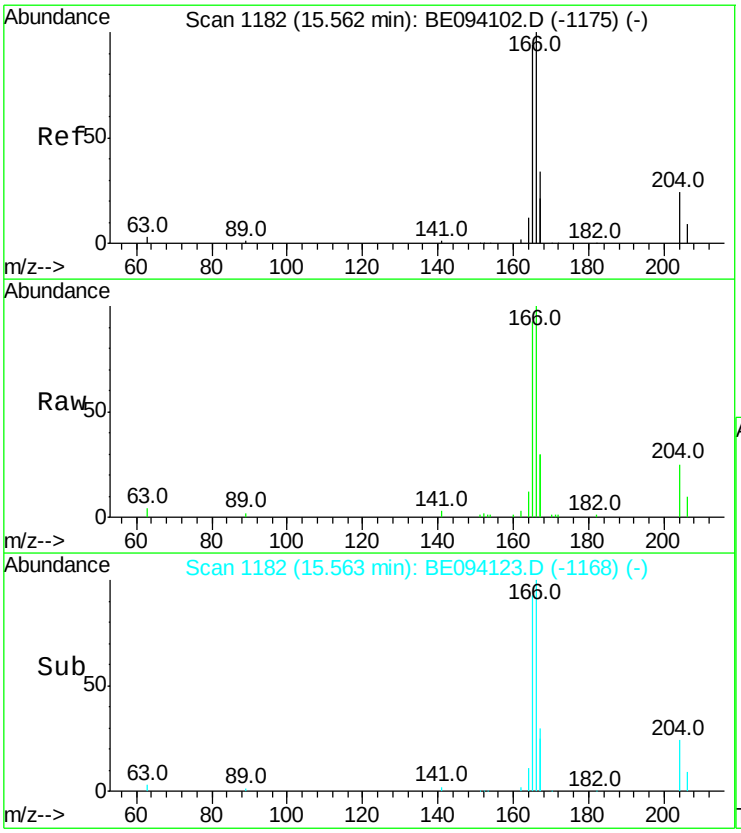
#17
Acenaphthene
Concen: 0.430 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 6481

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	54.5	42.0	63.0

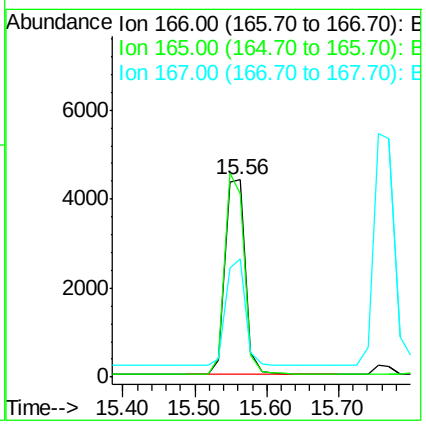


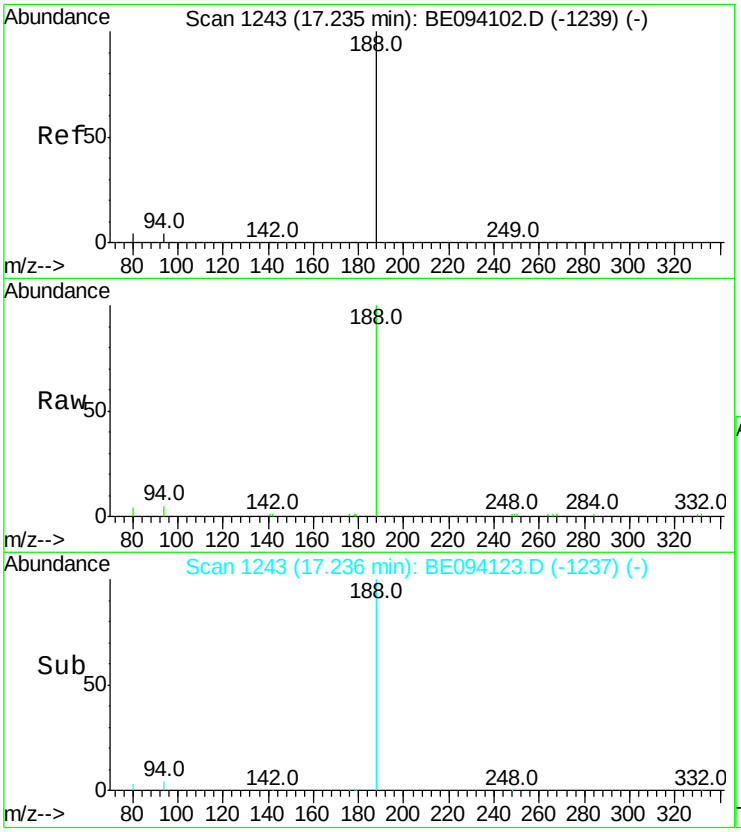


#18
Fluorene
Concen: 0.421 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:166 Resp: 8599

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.6
167	53.0	42.4	63.6



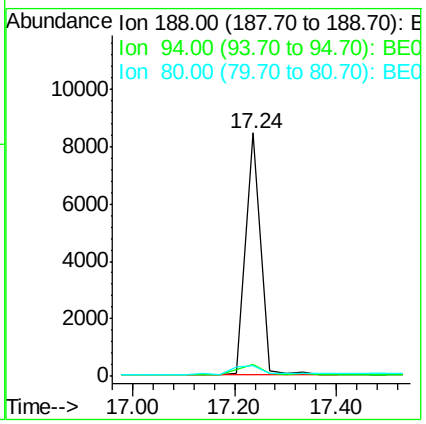


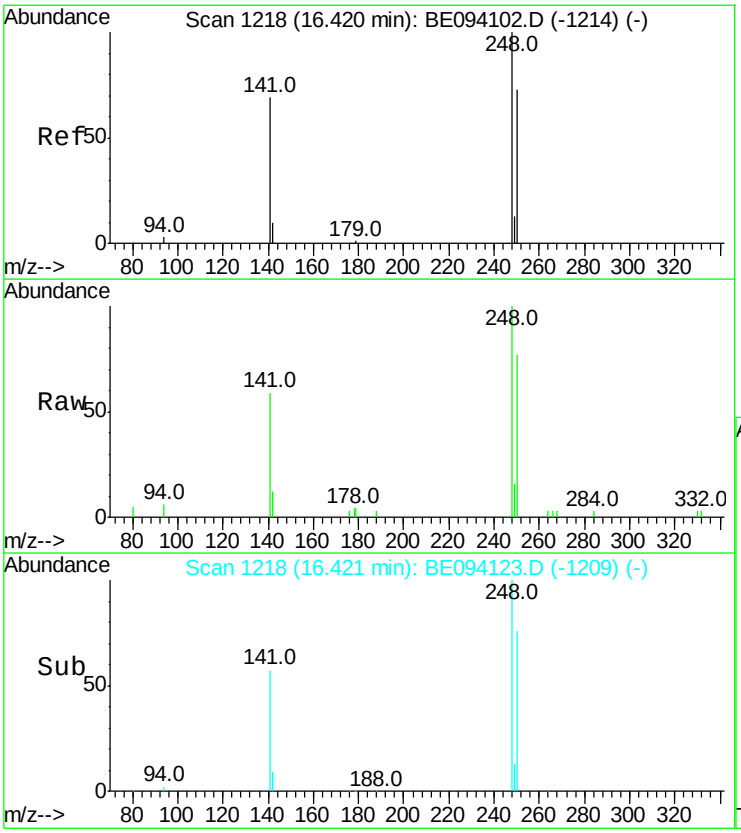
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 17150

Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.9	5.9
80	4.4	3.6	5.4

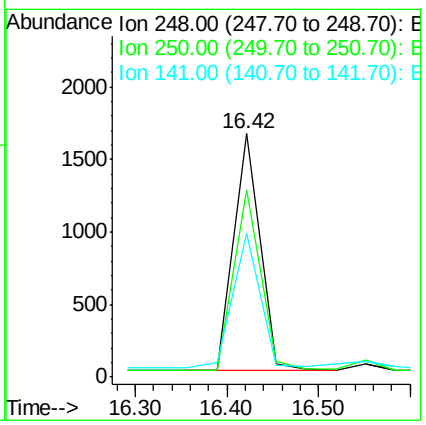


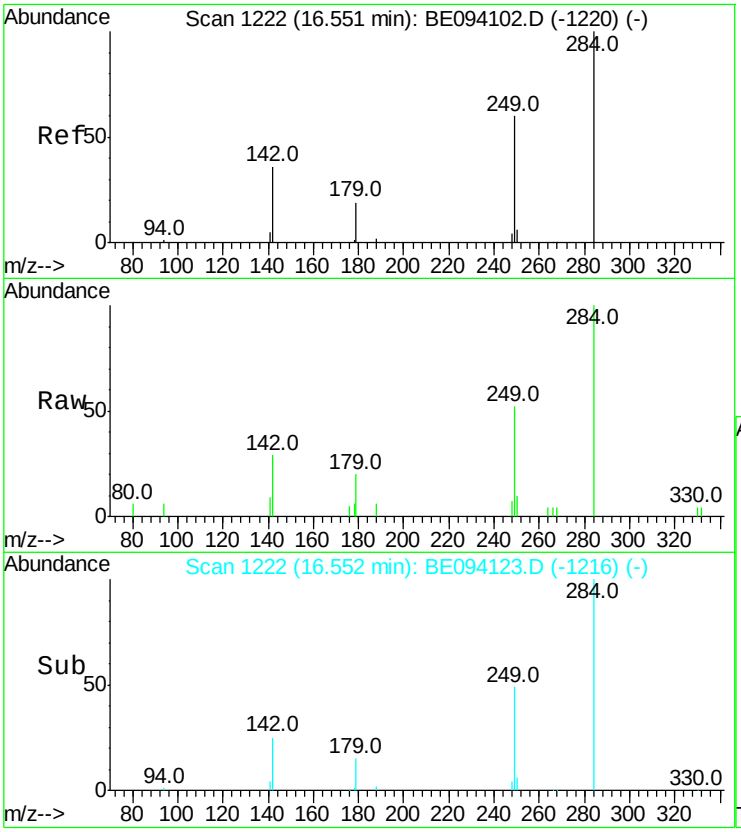


#20
4-Bromophenyl-phenylether
Concen: 0.469 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:248 Resp: 3303

Ion	Ratio	Lower	Upper
248	100		
250	76.8	62.7	94.1
141	59.1	48.2	72.2



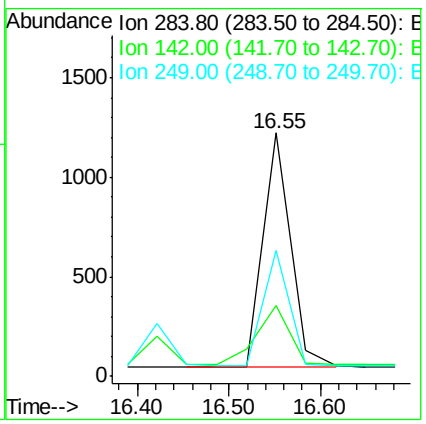


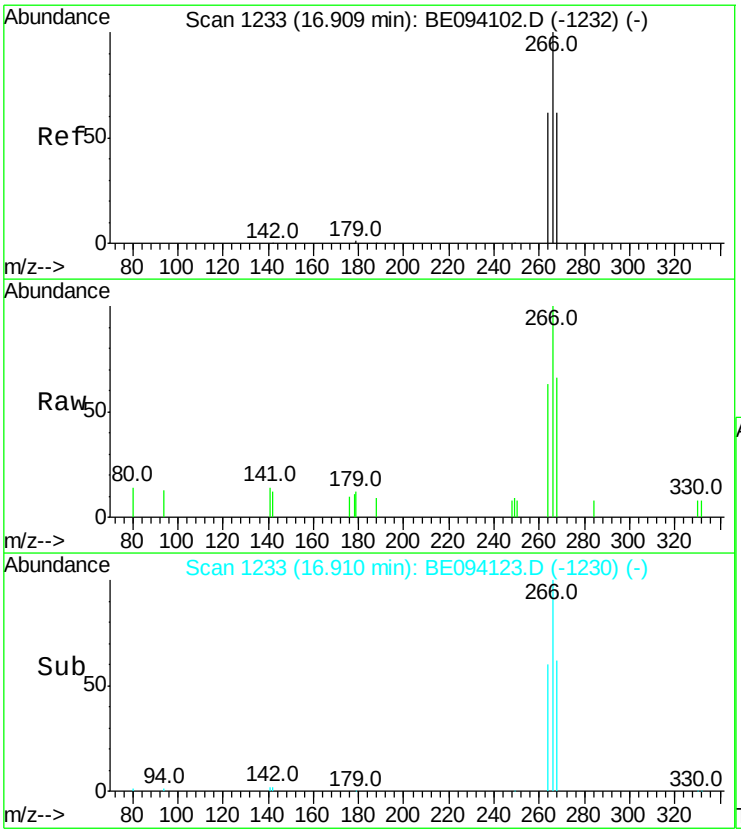
#21
Hexachlorobenzene
Concen: 0.558 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2478

Ion	Ratio	Lower	Upper
284	100		
142	30.1	22.1	33.1
249	46.3	34.8	52.2

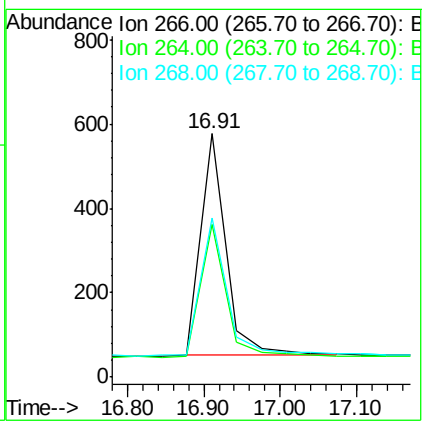


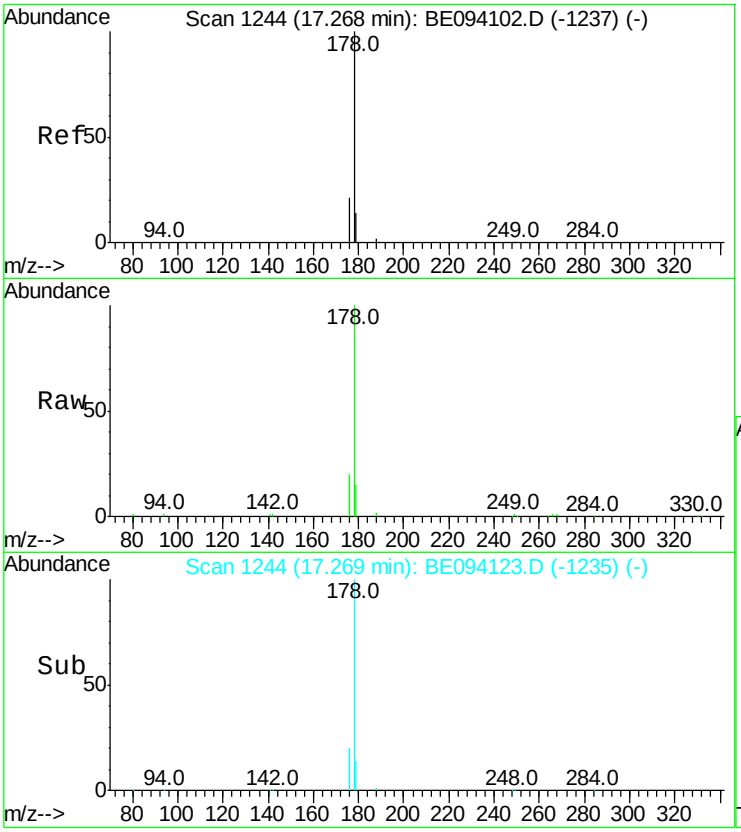


#22
Pentachlorophenol
Concen: 0.293 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:266 Resp: 1193

Ion	Ratio	Lower	Upper
266	100		
264	62.9	72.5	108.7#
268	65.5	73.8	110.6#



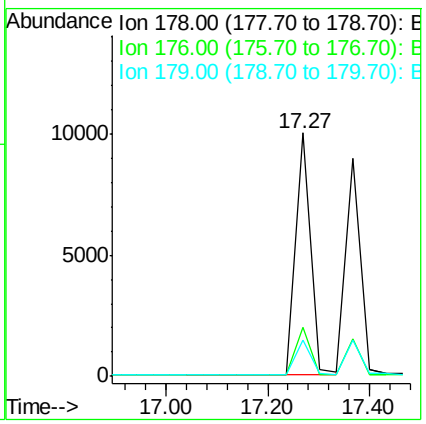


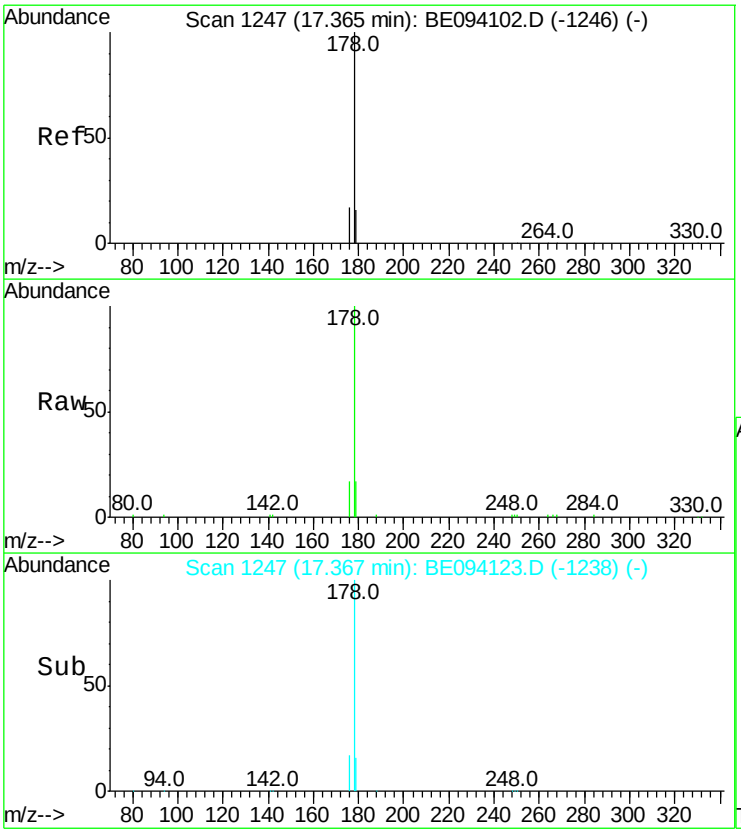
#23
Phenanthrene
Concen: 0.463 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 20312

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	14.7	11.8	17.6

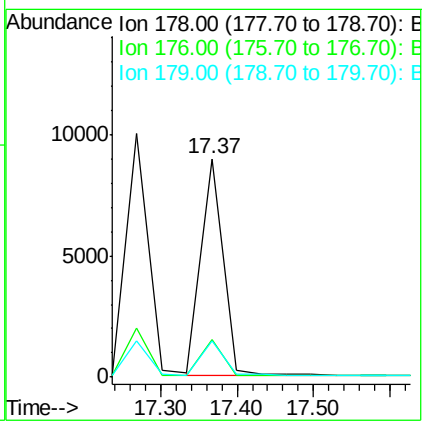


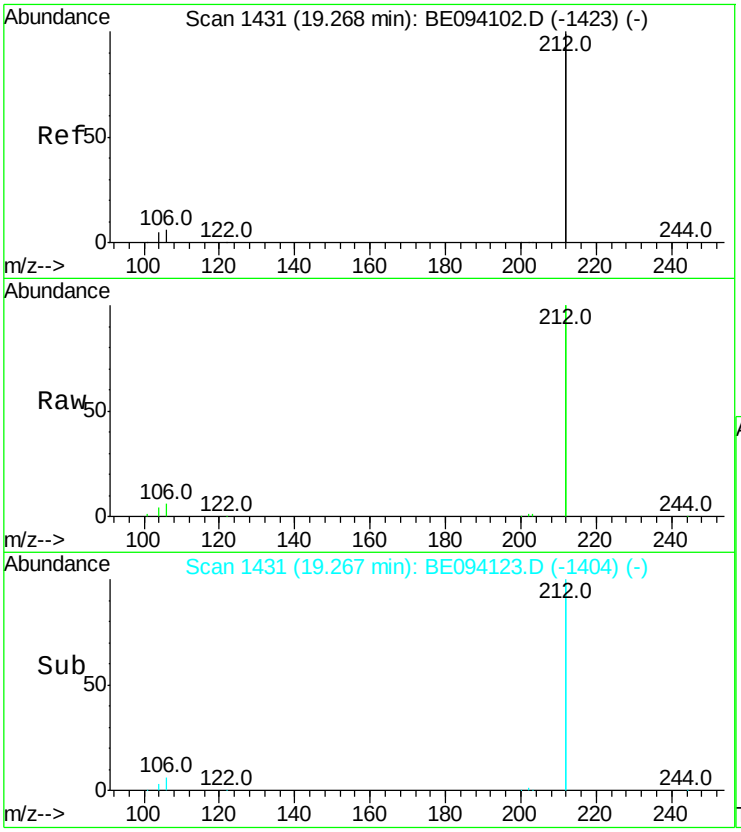


#24
Anthracene
Concen: 0.393 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:178 Resp: 18078

Ion	Ratio	Lower	Upper
178	100		
176	16.8	12.8	19.2
179	16.3	13.0	19.6



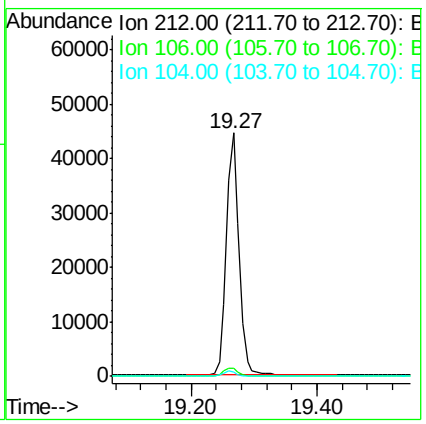


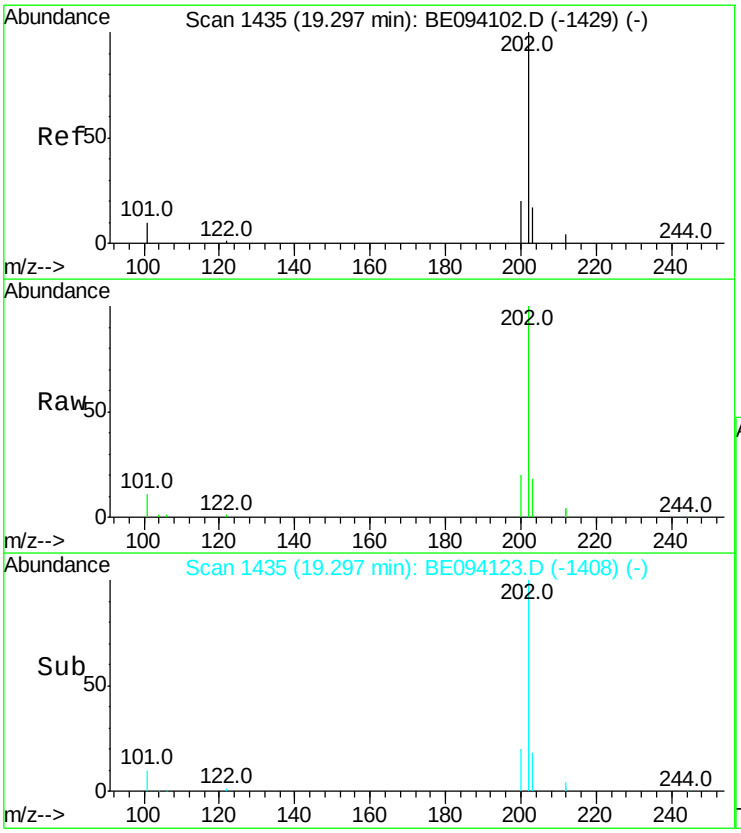
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 61927

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.1	1.6	2.4

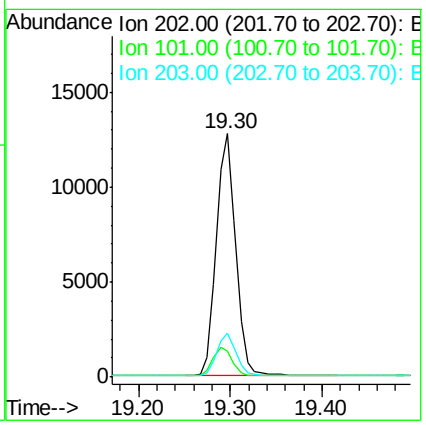


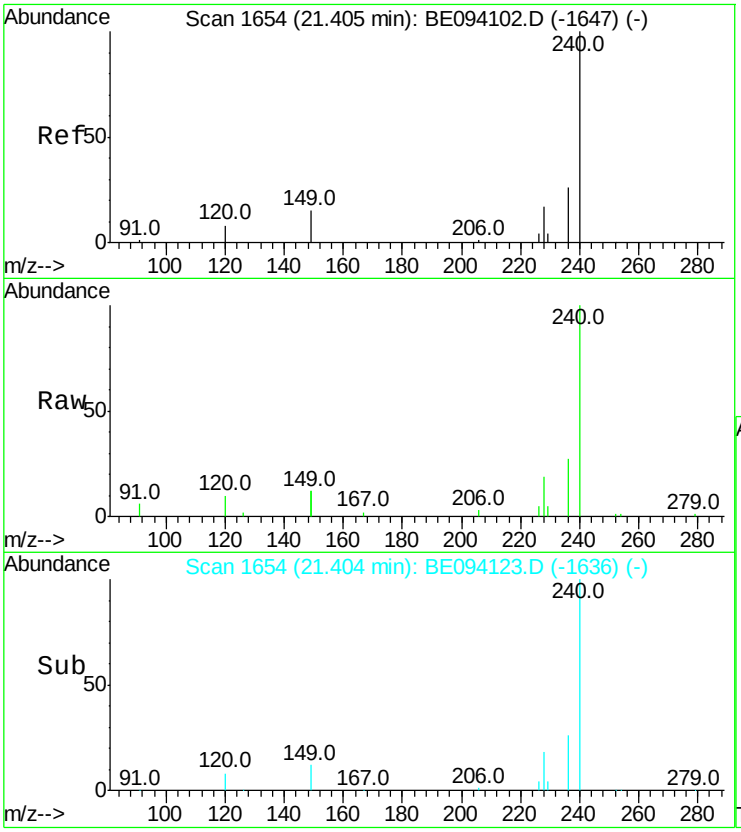


#26
Fluoranthene
Concen: 0.378 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:202 Resp: 18572

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
203	17.2	13.7	20.5



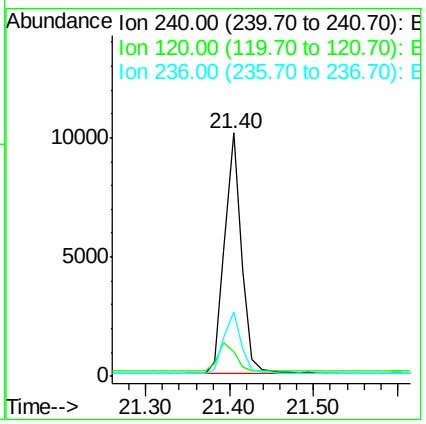


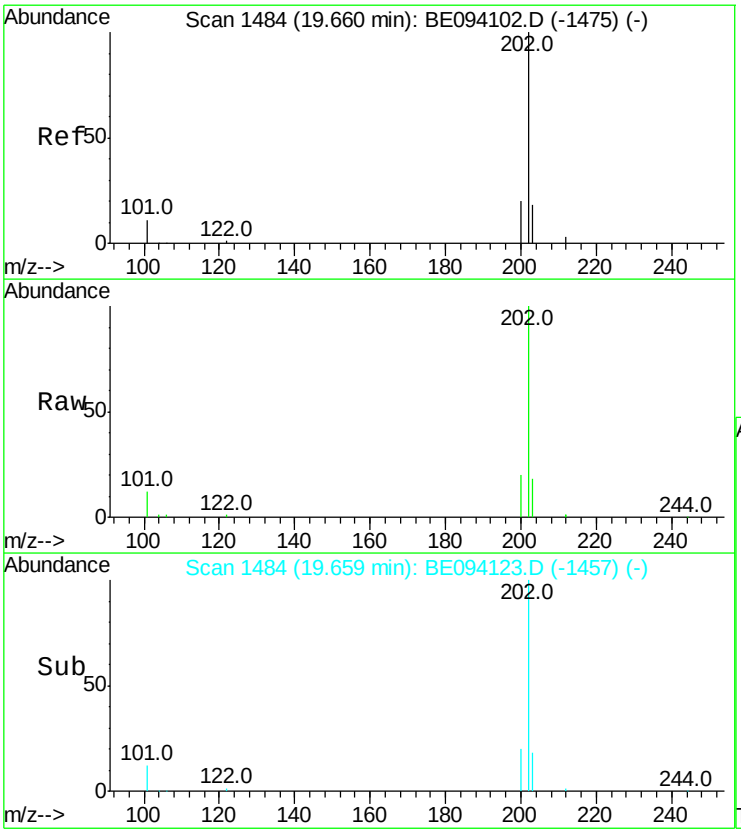
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 14127

Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.5	8.3#
236	26.6	20.7	31.1

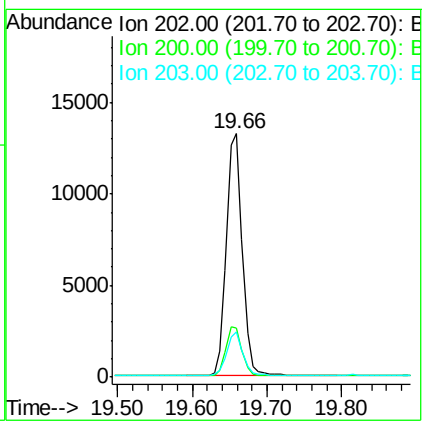


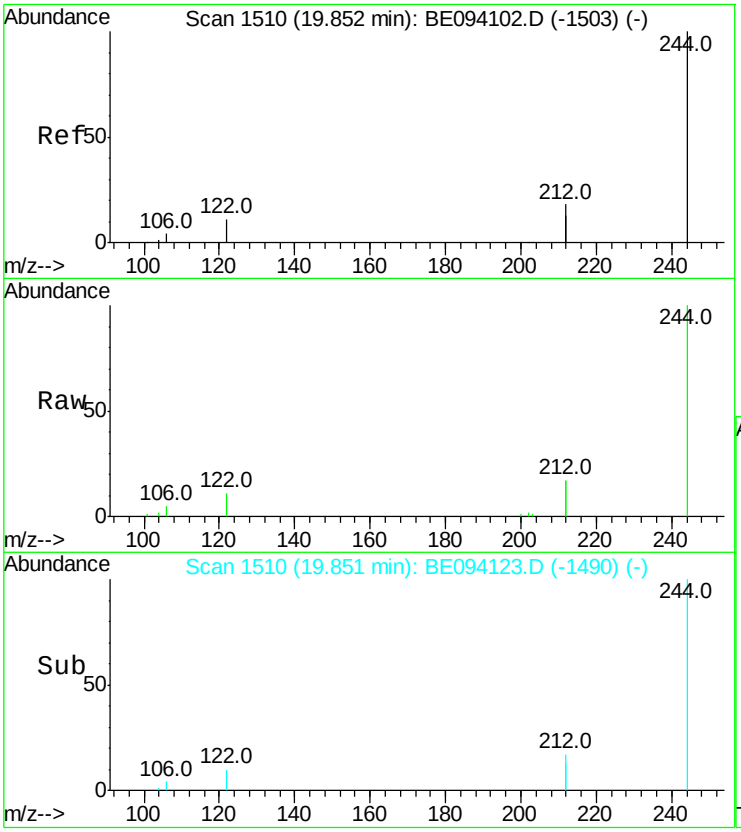


#28
Pyrene
Concen: 0.437 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:202 Resp: 19553

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.8	13.8	20.8



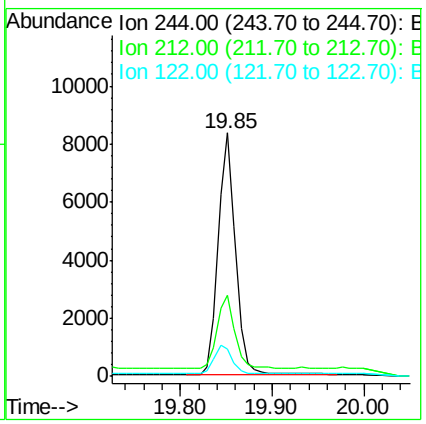


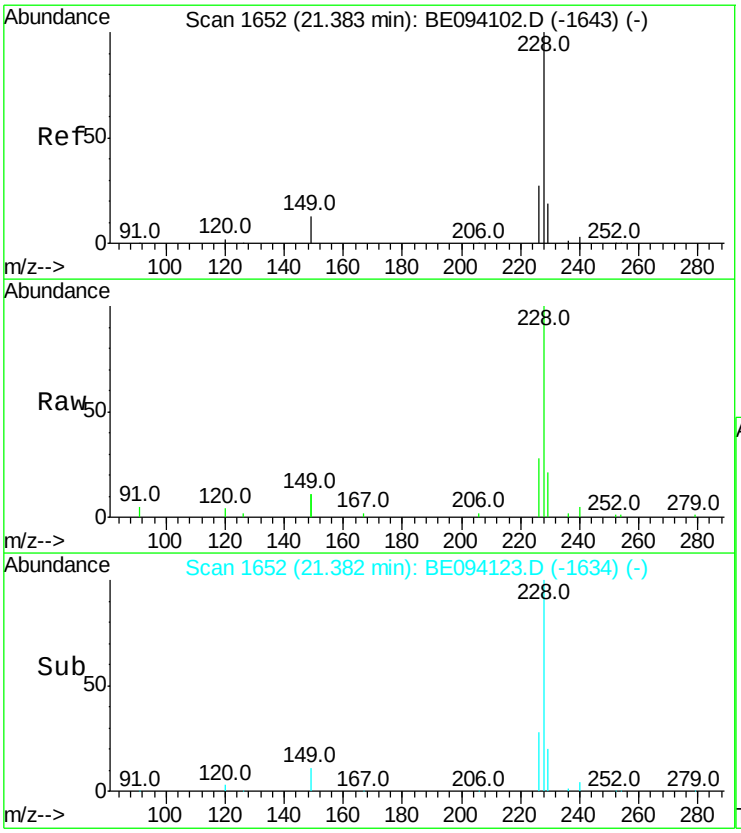
#29
Terphenyl-d14
Concen: 0.420 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 10820

Ion	Ratio	Lower	Upper
244	100		
212	33.5	25.4	38.0
122	11.3	8.1	12.1

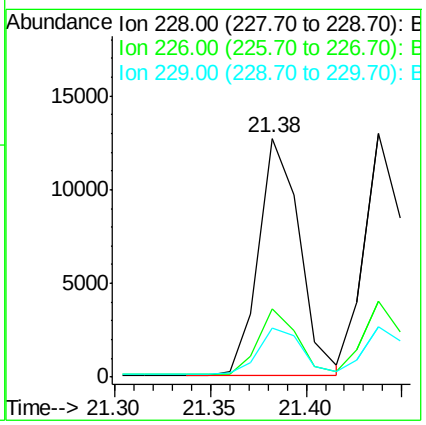


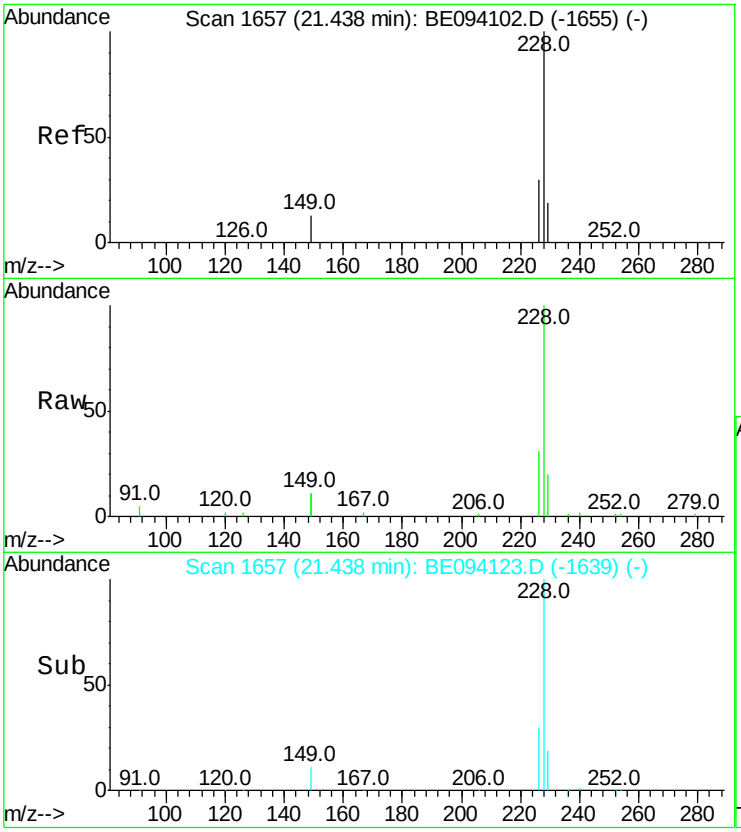


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:228 Resp: 18646

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.4	32.0
229	20.6	16.4	24.6



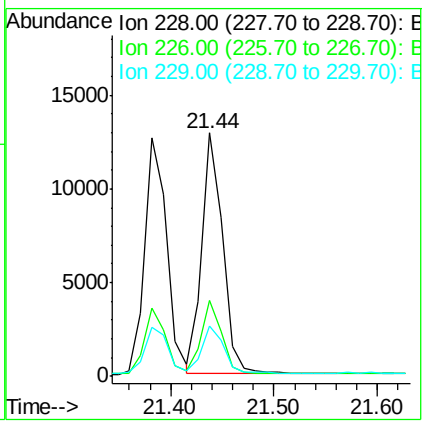


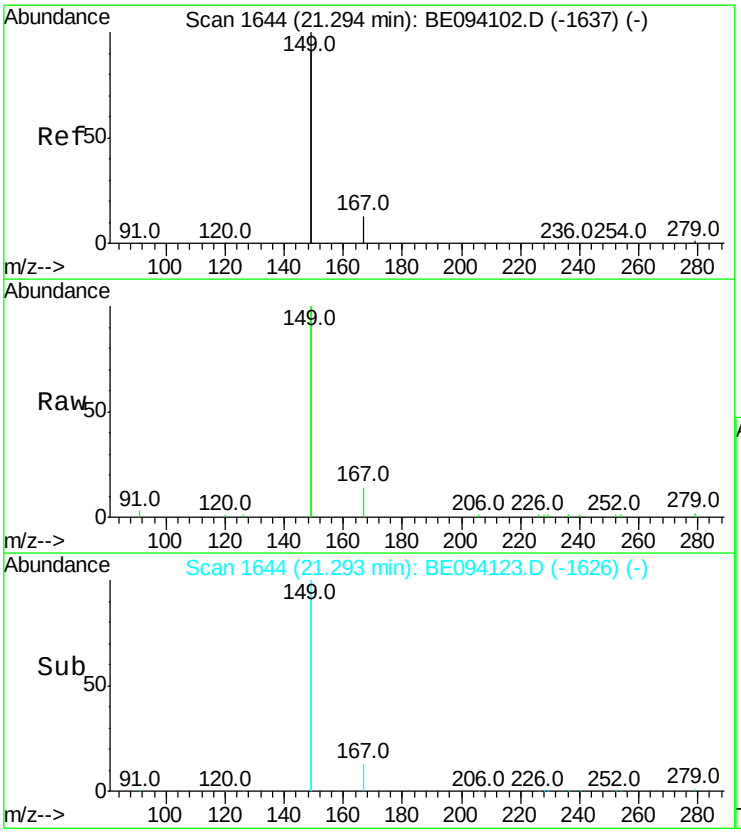
#31
Chrysene
Concen: 0.394 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 18100

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.6	35.4
229	20.5	16.4	24.6

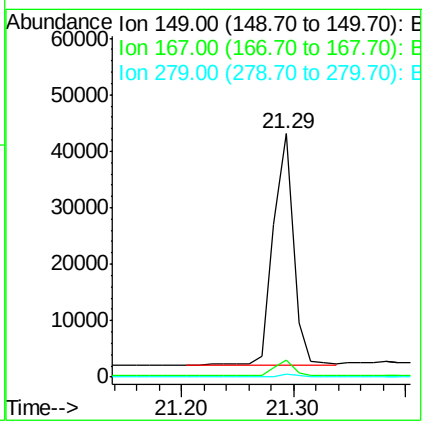


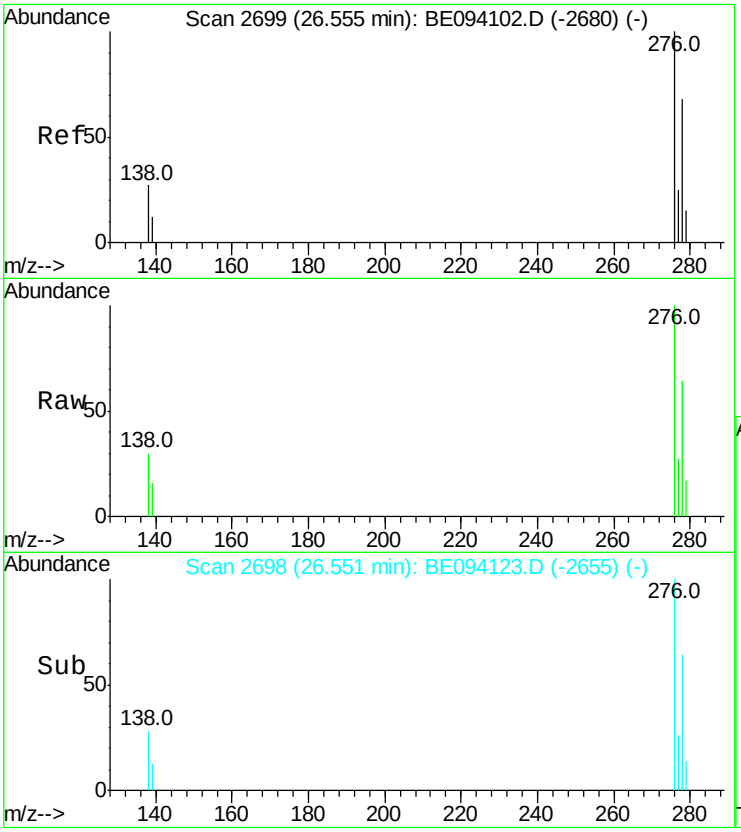


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.186 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:149 Resp: 51482

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



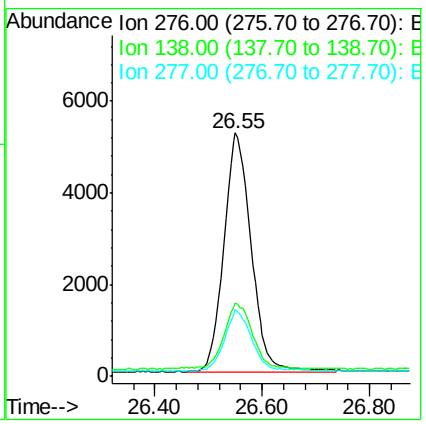


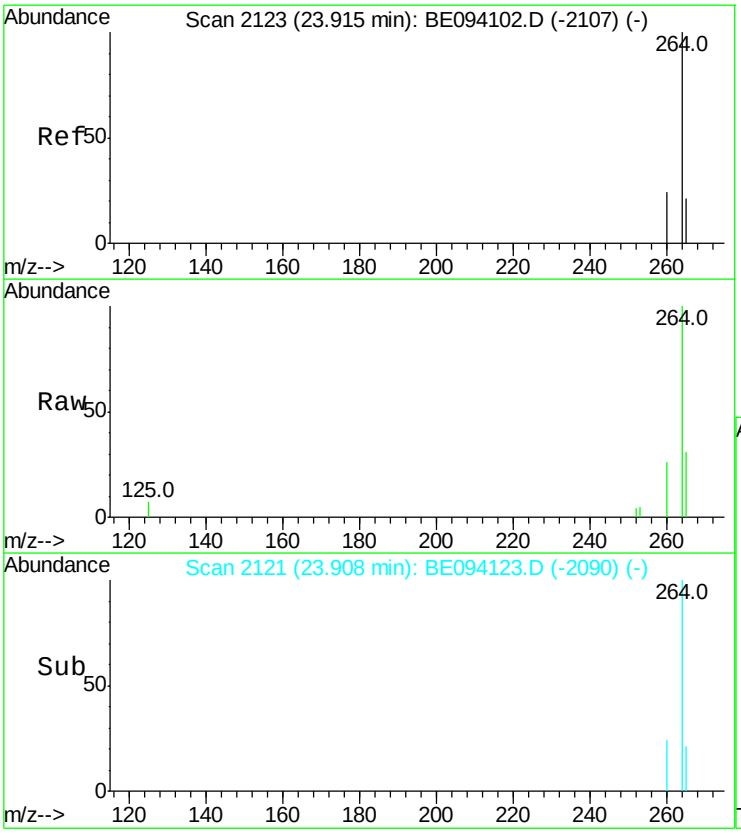
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 18474

Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.5	33.7
277	24.7	19.9	29.9

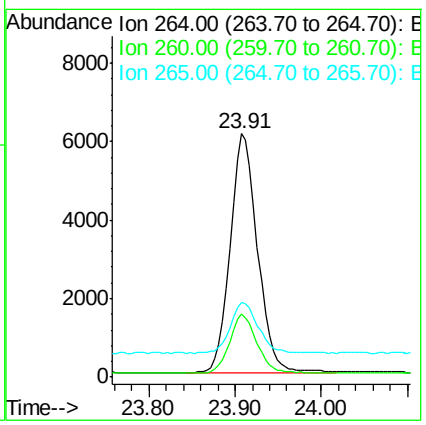


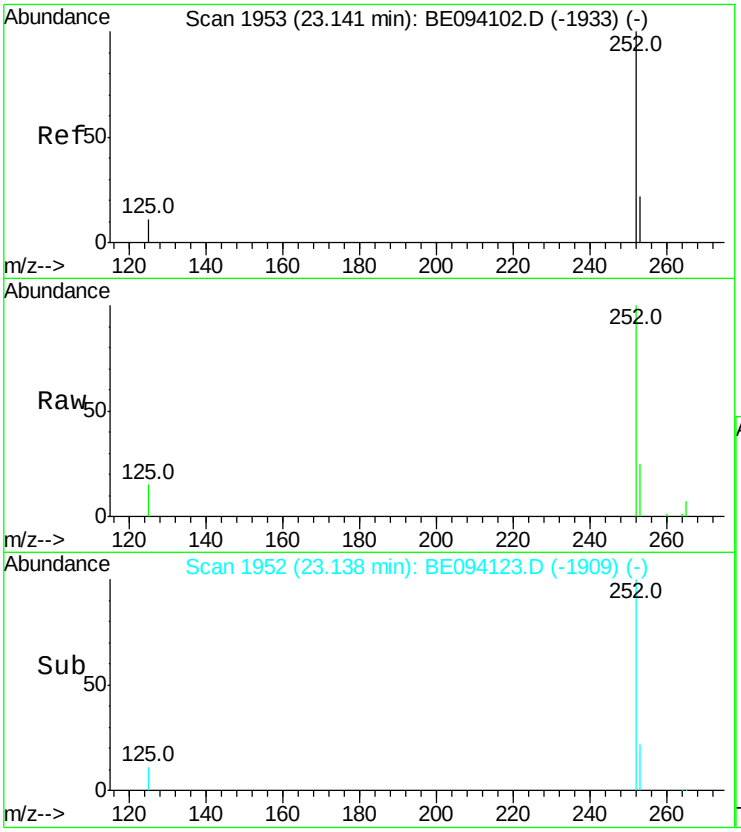


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:264 Resp: 13425

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	30.5	22.8	34.2



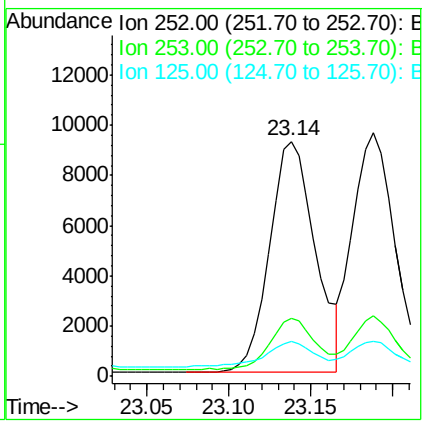


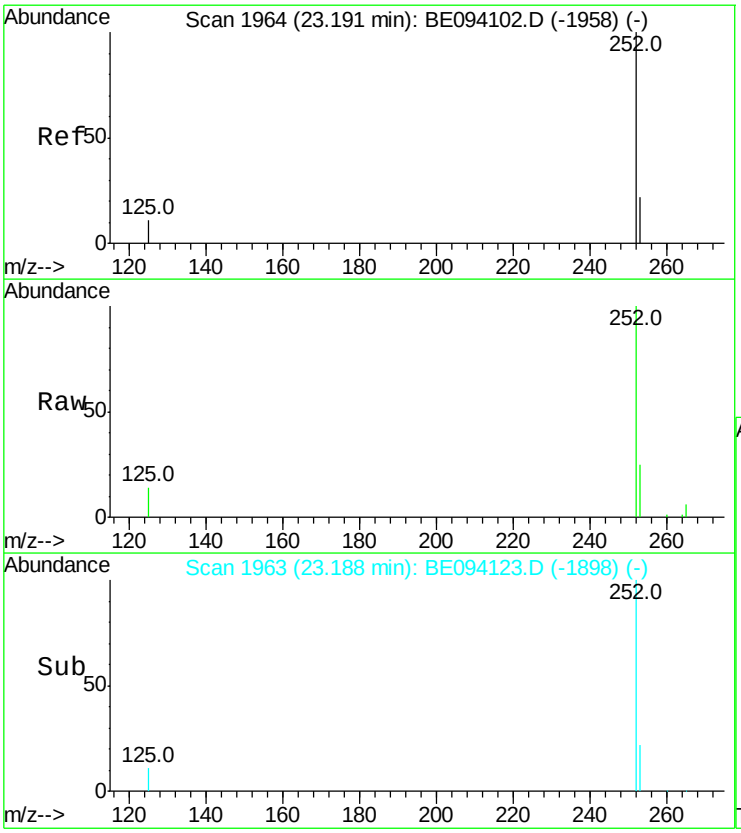
#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 17815

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	14.9	10.1	15.1

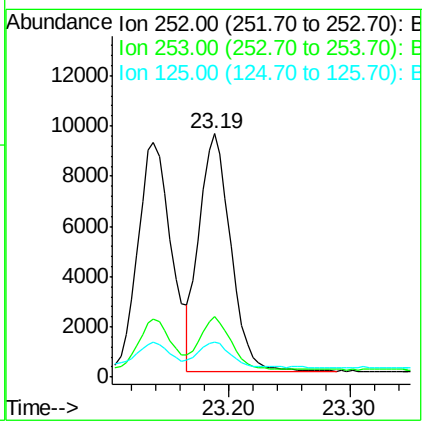


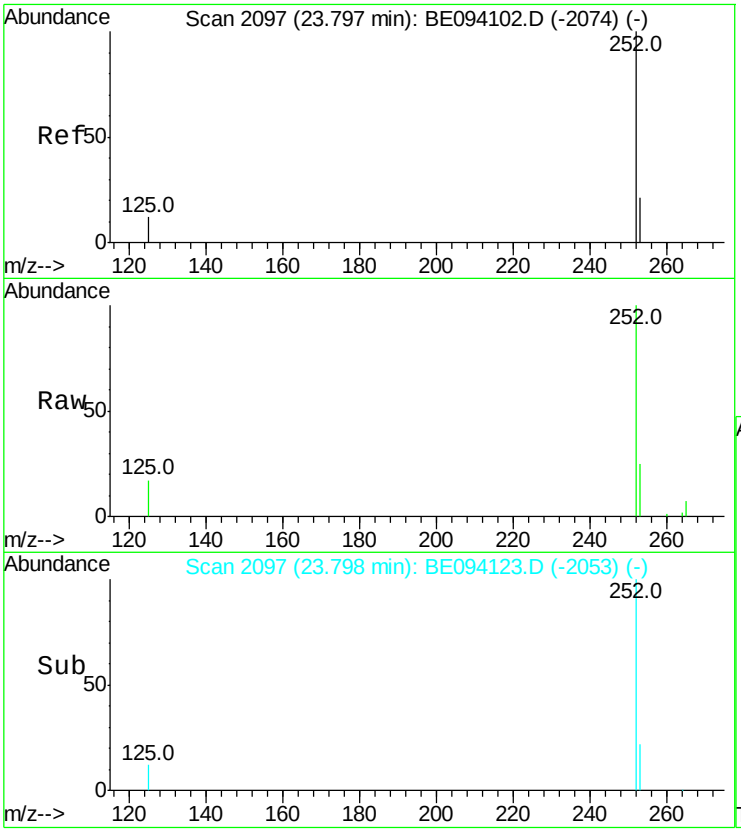


#36
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 23.19 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:252 Resp: 17247

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.6	27.8
125	14.4	10.7	16.1



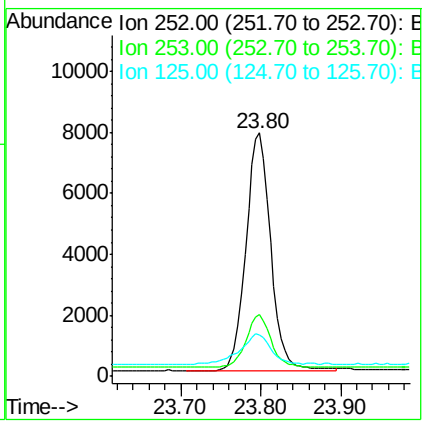


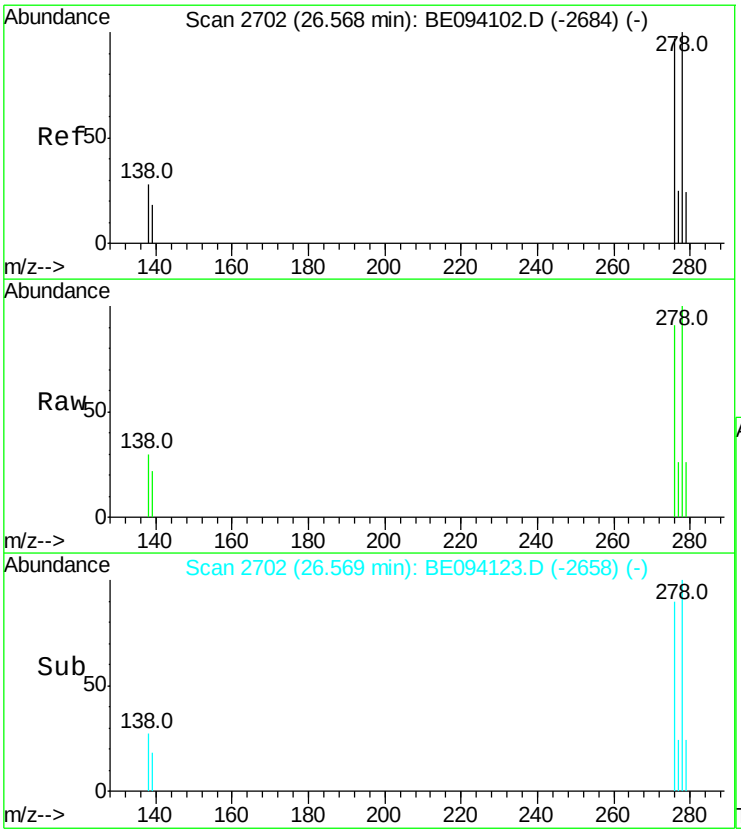
#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16835

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.0	28.6
125	17.2	11.8	17.8

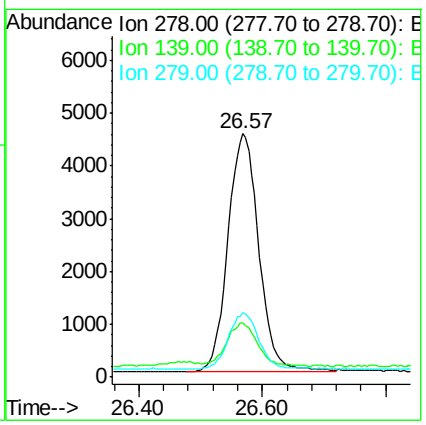


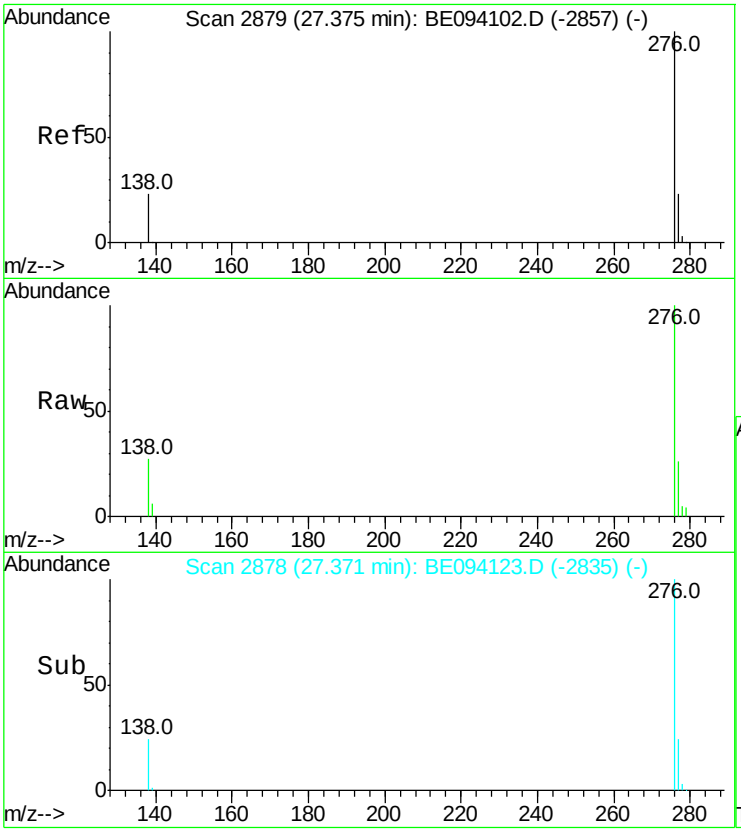


#38
Dibenzo(a,h)anthracene
Concen: 0.380 ng
RT: 26.57 min Scan# 2702
Delta R.T. 0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Tgt Ion:278 Resp: 15761

Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.3	24.5
279	26.4	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 27.37 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BE094123.D
Acq: 26 Sep 2017 9:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 15657

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.8	31.2
138	27.4	21.5	32.3