Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094081.D
Acq On : 23 Sep 2017 17:00
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 25 08:01:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 07:59:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	904	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	4414	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	3055	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	11325	0.40	ng		0.00
27) Chrysene-d12	21.40	240	17550	0.40	ng		0.00
34) Perylene-d12	23.90	264	13302	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	1794	0.35	ng		0.00
5) Phenol-d6	7.09	99	1978	0.37	ng		0.00
8) Nitrobenzene-d5	9.06	82	1468	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	2895	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	1294	0.56	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	5083	0.51	ng		0.00
25) Fluoranthene-d10	19.26	212	59654	0.41	ng		0.00
29) Terphenyl-d14	19.85	244	11219	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	709	0.366	ng	#	91
3) n-Nitrosodimethylamine	3.73	42	760	0.336	ng	#	95
6) bis(2-Chloroethyl)ether	7.33	93	1474	0.369	ng		97
9) Naphthalene	10.74	128	21101	0.321	ng		100
10) Hexachlorobutadiene	11.02	225	734	0.411	ng		99
12) 2-Methylnaphthalene	12.35	142	3416	0.383	ng		97
16) Acenaphthylene	14.23	152	5858	0.381	ng		100
17) Acenaphthene	14.57	154	3906	0.383	ng		96
18) Fluorene	15.55	166	5668	0.373	ng		98
20) 4-Bromophenyl-phenylether	16.42	248	2427	0.401	ng		91
21) Hexachlorobenzene	16.55	284	1975	0.445	ng		90
22) Pentachlorophenol	16.91	266	5294	3.444	ng	#	71
23) Phenanthrene	17.27	178	16198	0.399	ng		99
24) Anthracene	17.37	178	12187	0.390	ng		99
26) Fluoranthene	19.29	202	17879	0.411	ng		100
28) Pyrene	19.65	202	19622	0.404	ng		100
30) Benzo(a)anthracene	21.38	228	23533	0.400	ng		99
31) Chrysene	21.44	228	22739	0.395	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	55612	0.352	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	16801	0.377	ng		99
35) Benzo(b)fluoranthene	23.13	252	19529	0.406	ng		98
36) Benzo(k)fluoranthene	23.18	252	19246	0.398	ng		99
37) Benzo(a)pyrene	23.79	252	17538	0.406	ng		98
38) Dibenzo(a,h)anthracene	26.56	278	14217	0.411	ng		99
39) Benzo(g,h,i)perylene	27.36	276	14338	0.414	ng		99

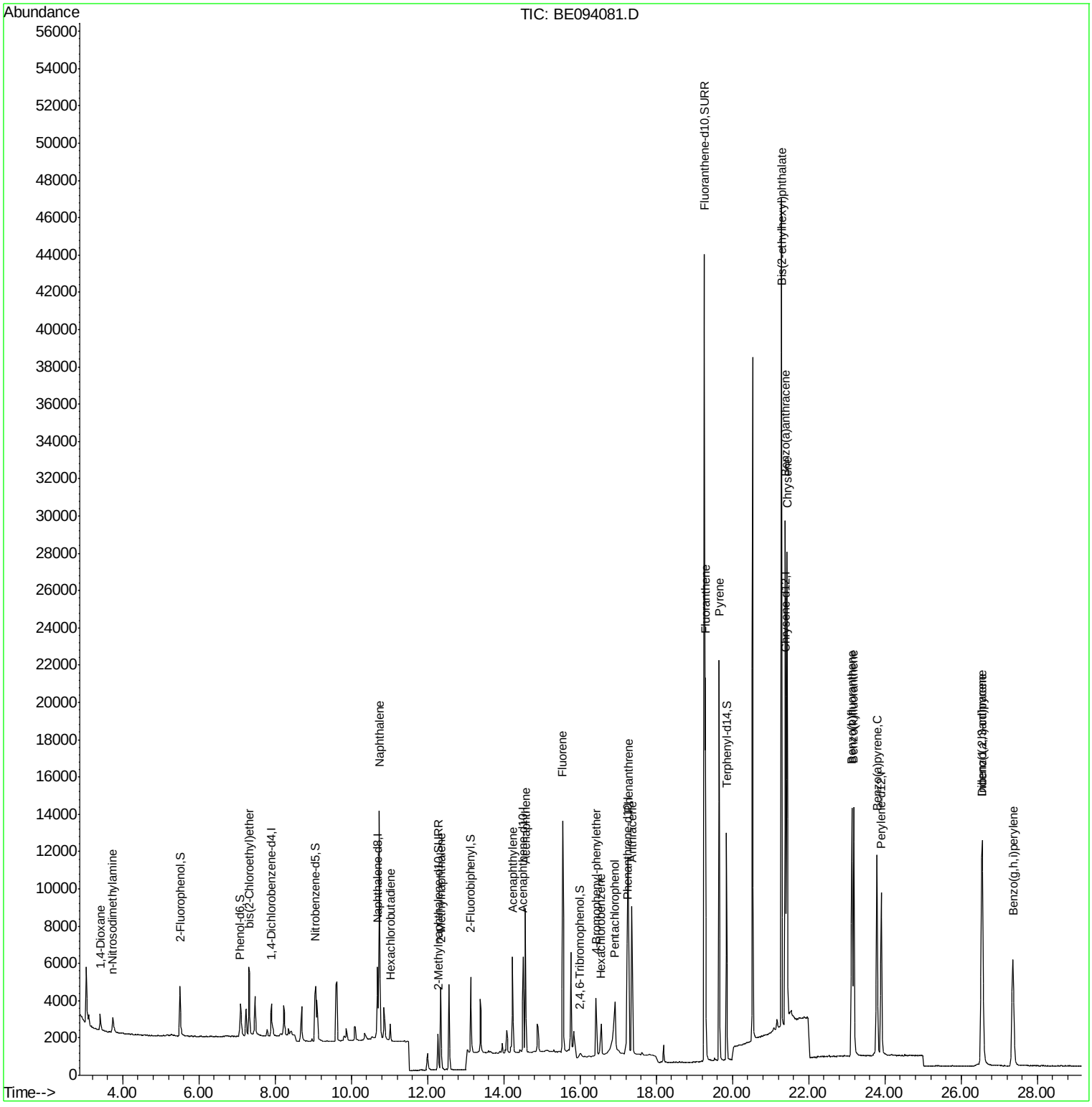
(#) = qualifier out of range (m) = manual integration (+) = signals summed

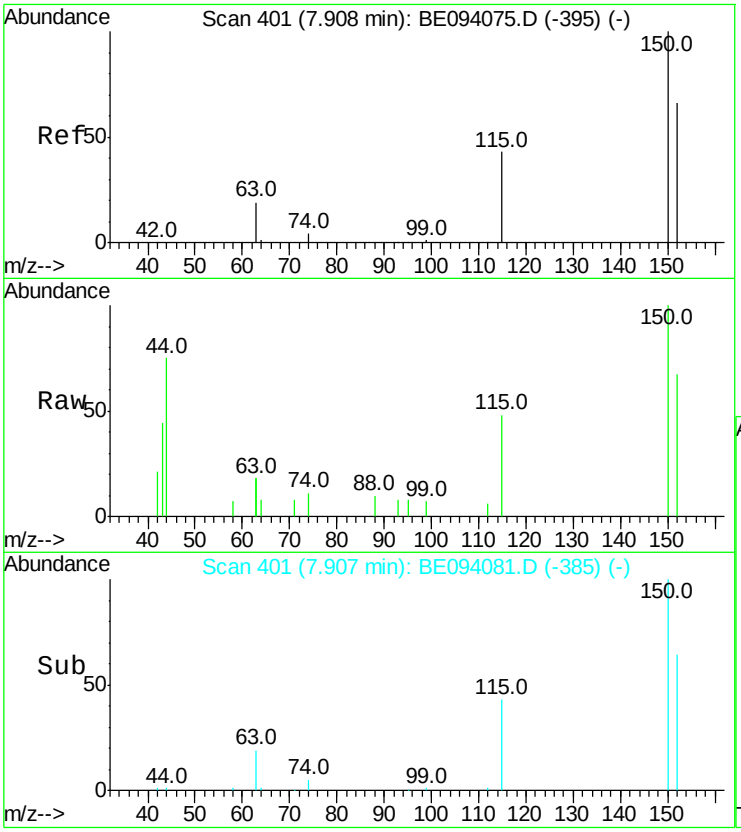
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094081.D
Acq On : 23 Sep 2017 17:00
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 25 08:01:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 07:59:29 2017
Response via : Initial Calibration



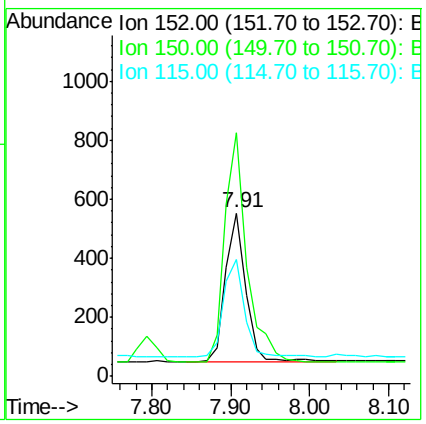


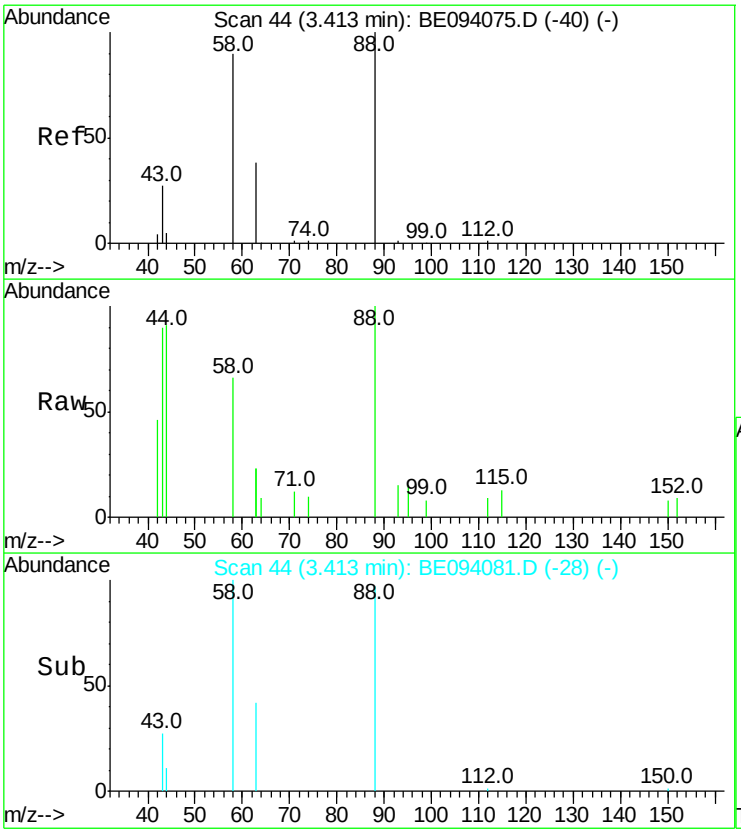
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 904

Ion	Ratio	Lower	Upper
152	100		
150	149.2	117.2	175.8
115	72.0	57.0	85.6

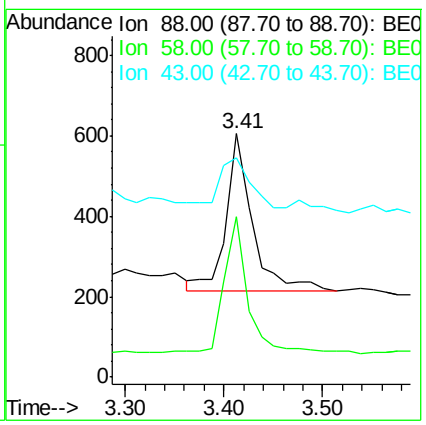


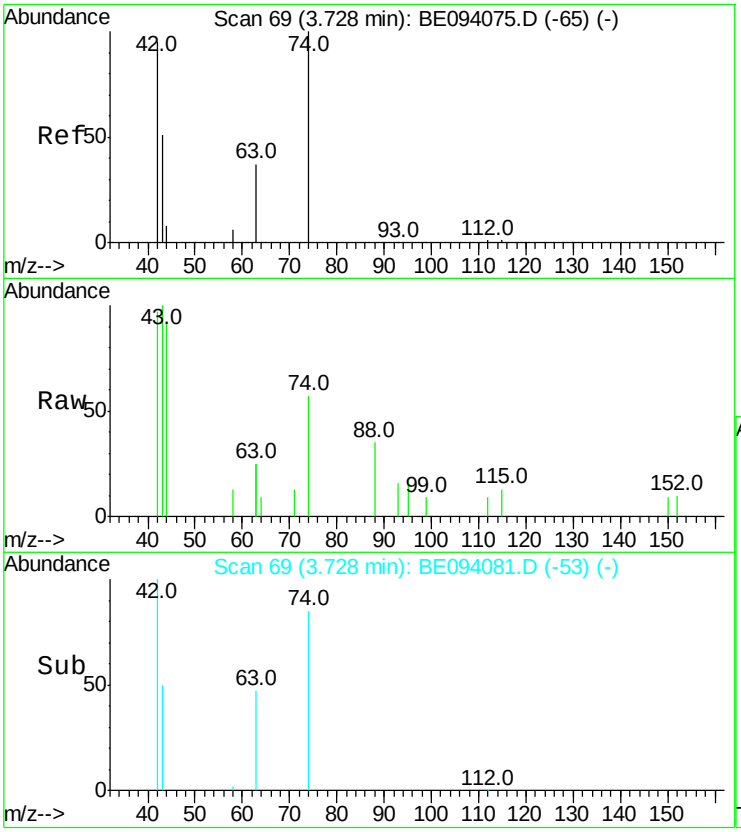


#2
1,4-Dioxane
Concen: 0.366 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion: 88 Resp: 709

Ion	Ratio	Lower	Upper
88	100		
58	79.5	63.2	94.8
43	36.0	41.2	61.8#



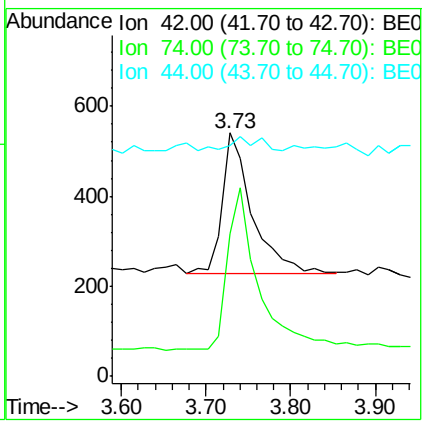


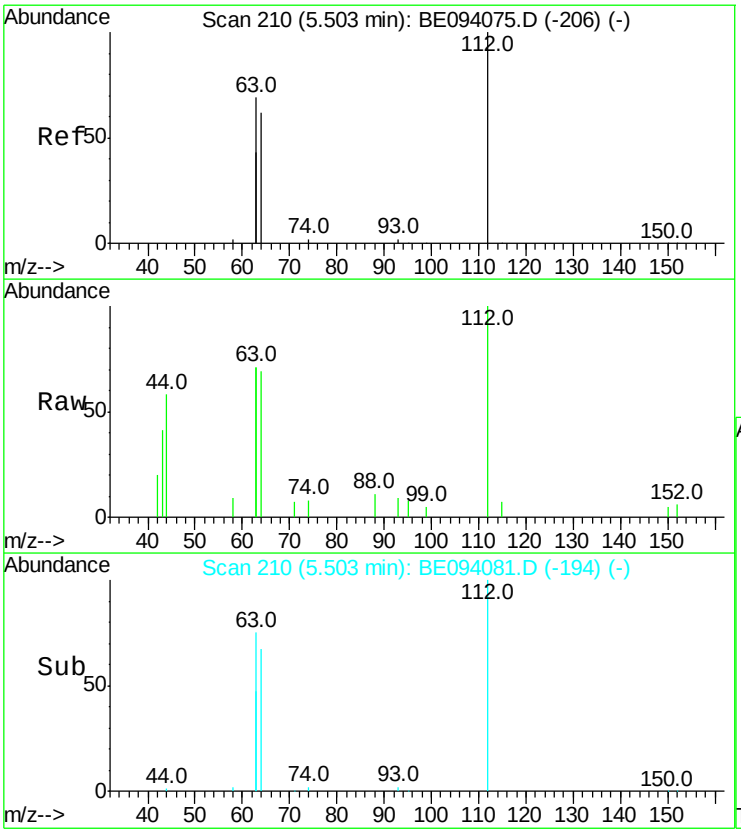
#3
n-Nitrosodimethylamine
Concen: 0.336 ng
RT: 3.73 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 760

Ion	Ratio	Lower	Upper
42	100		
74	127.0	100.3	150.5
44	10.0	17.0	25.4#

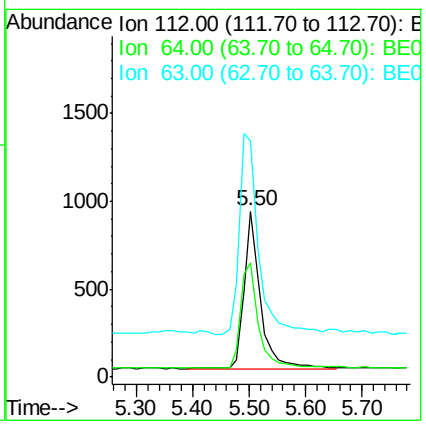


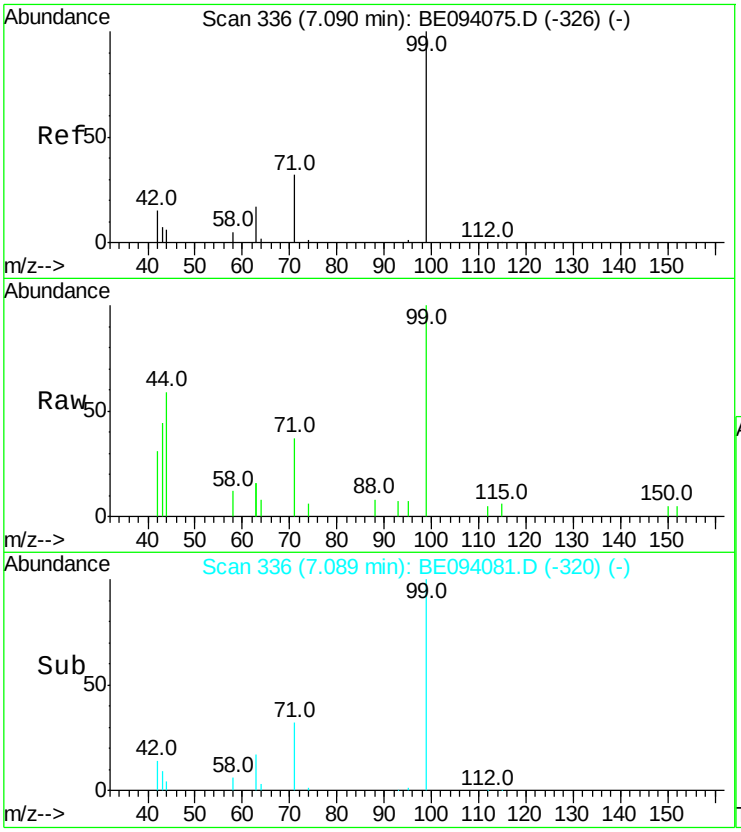


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:112 Resp: 1794

Ion	Ratio	Lower	Upper
112	100		
64	74.0	60.1	90.1
63	152.1	116.8	175.2



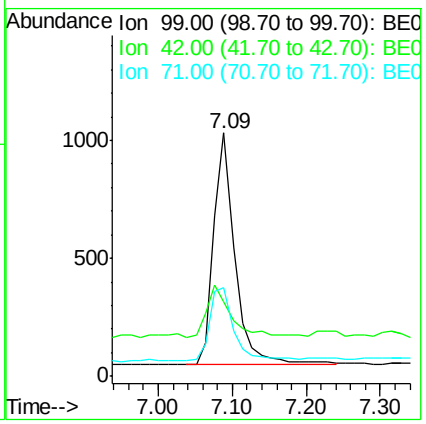


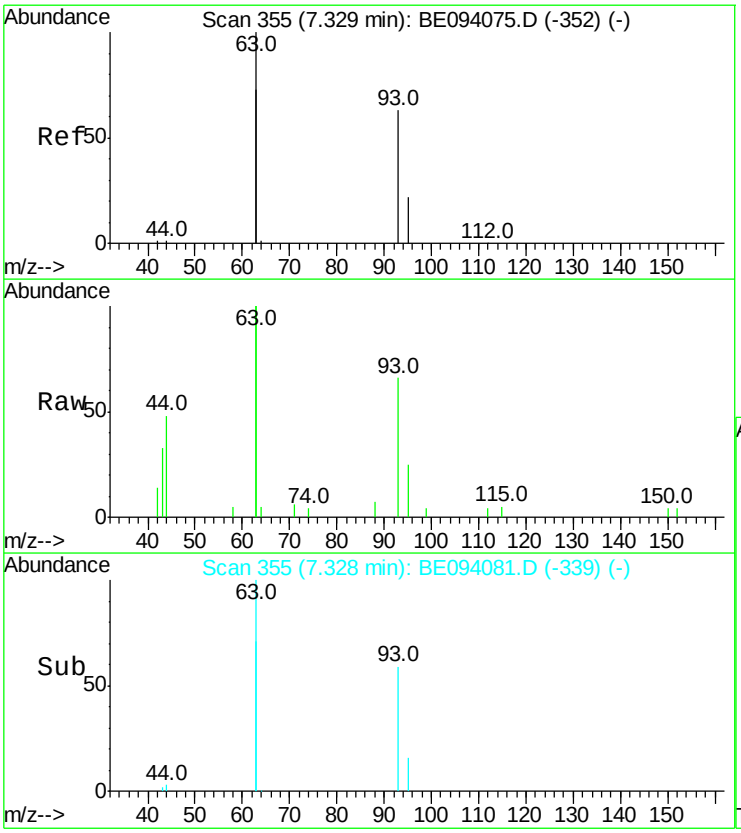
#5
Phenol-d6
Concen: 0.370 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1978

Ion	Ratio	Lower	Upper
99	100		
42	25.8	20.2	30.2
71	36.2	28.4	42.6

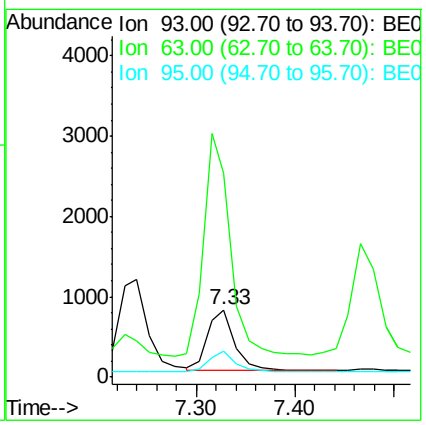


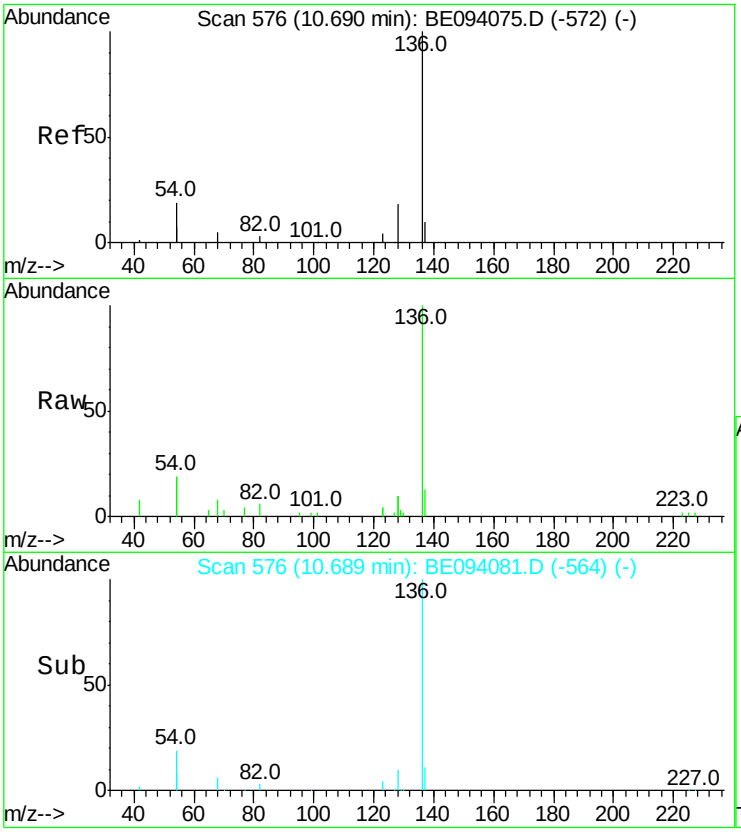


#6
bis(2-Chloroethyl)ether
Concen: 0.369 ng
RT: 7.33 min Scan# 355
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion: 93 Resp: 1474

Ion	Ratio	Lower	Upper
93	100		
63	350.8	275.3	412.9
95	31.3	25.2	37.8



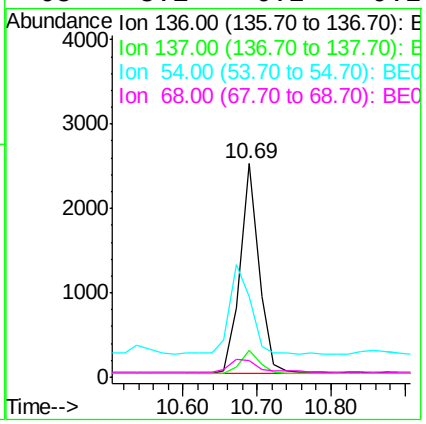


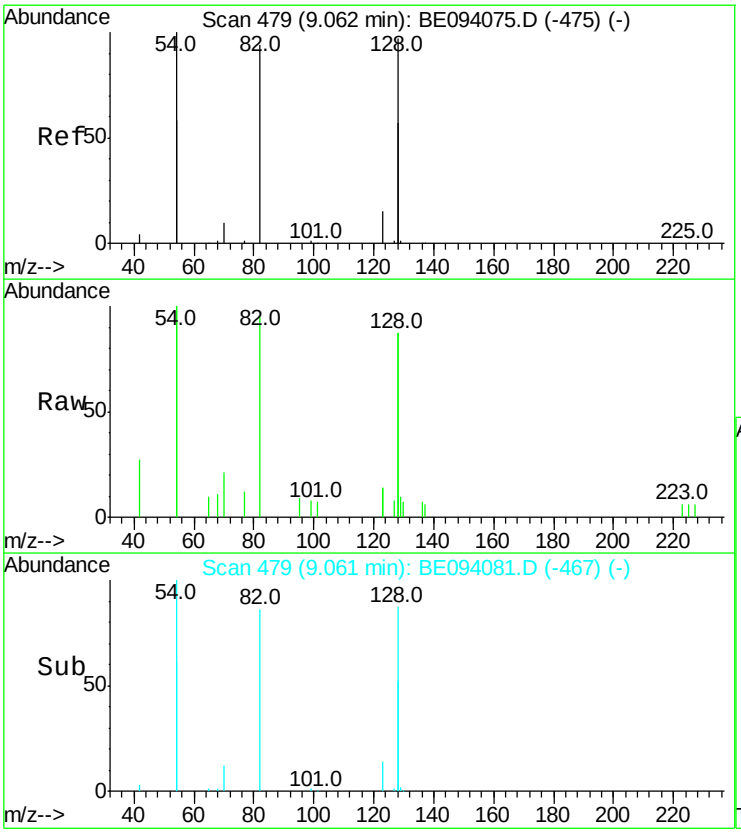
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4414

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	37.9	29.1	43.7
68	8.1	6.2	9.2

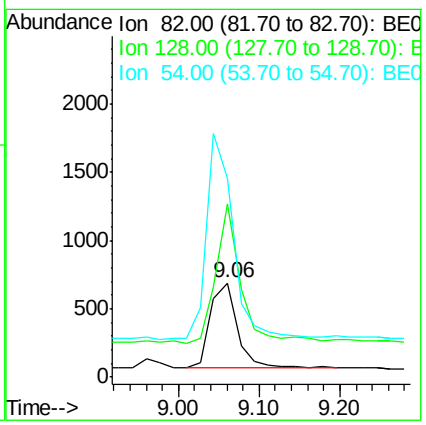


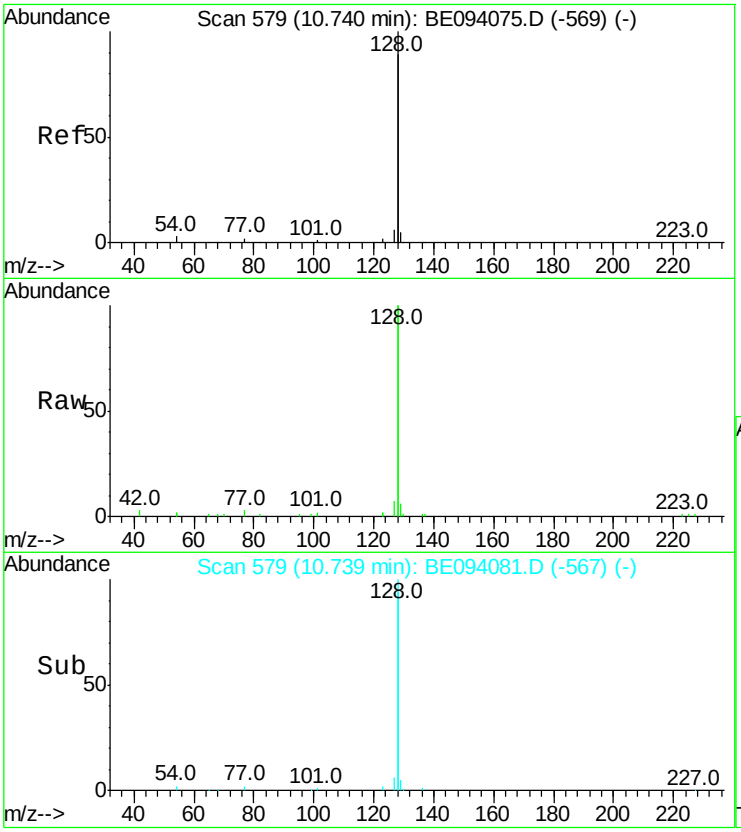


#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion: 82 Resp: 1468

Ion	Ratio	Lower	Upper
82	100		
128	183.5	150.0	225.0
54	210.7	154.2	231.4



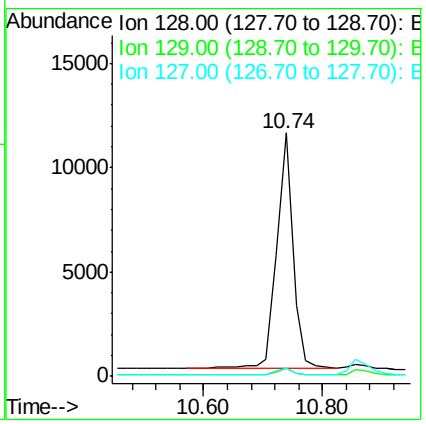


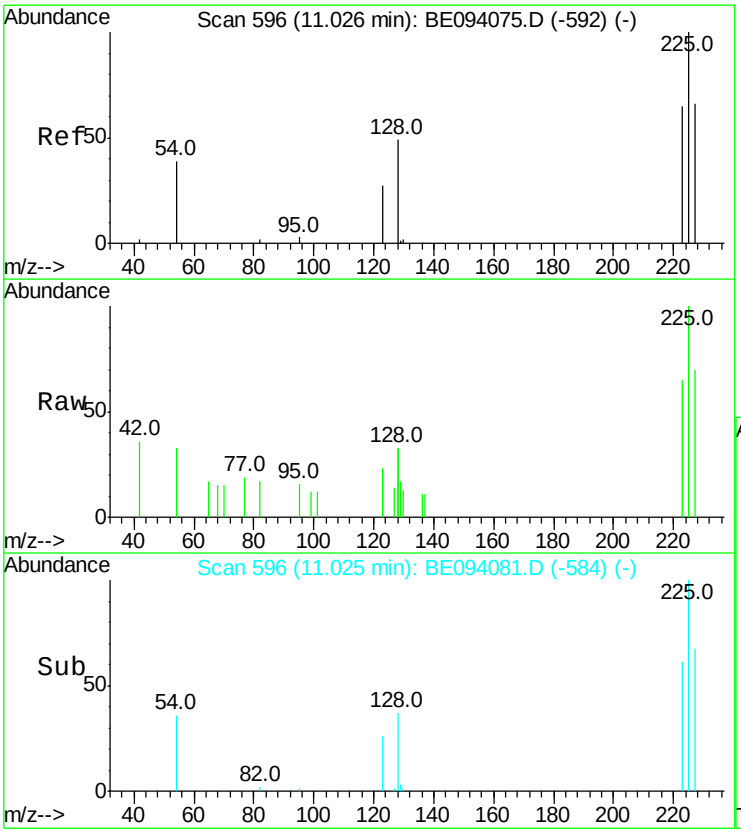
#9
Naphthalene
Concen: 0.321 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 21101

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.5	2.8	4.2

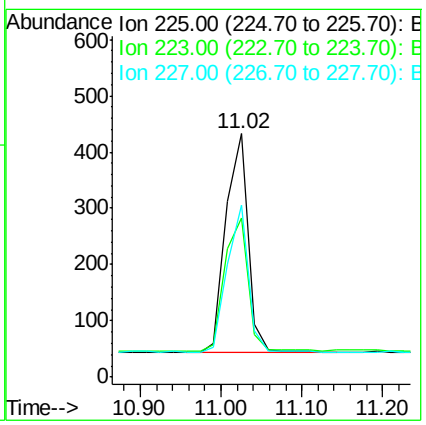


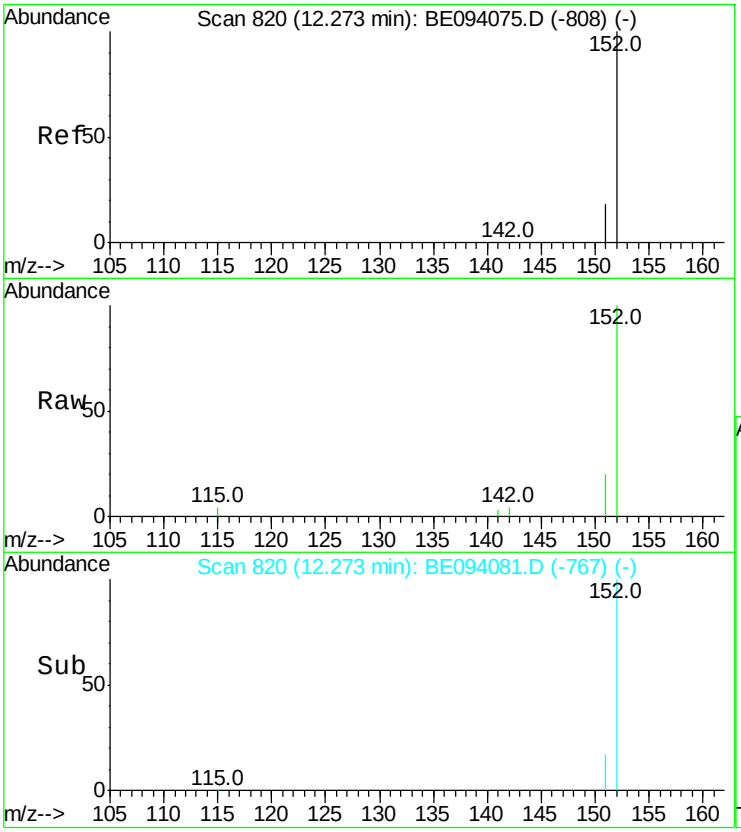


#10
Hexachlorobutadiene
Concen: 0.411 ng
RT: 11.02 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:225 Resp: 734

Ion	Ratio	Lower	Upper
225	100		
223	64.6	53.0	79.6
227	64.7	51.4	77.2



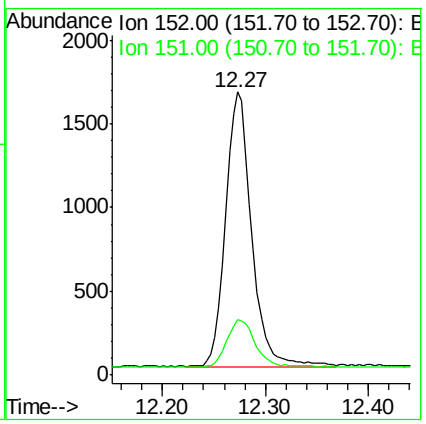


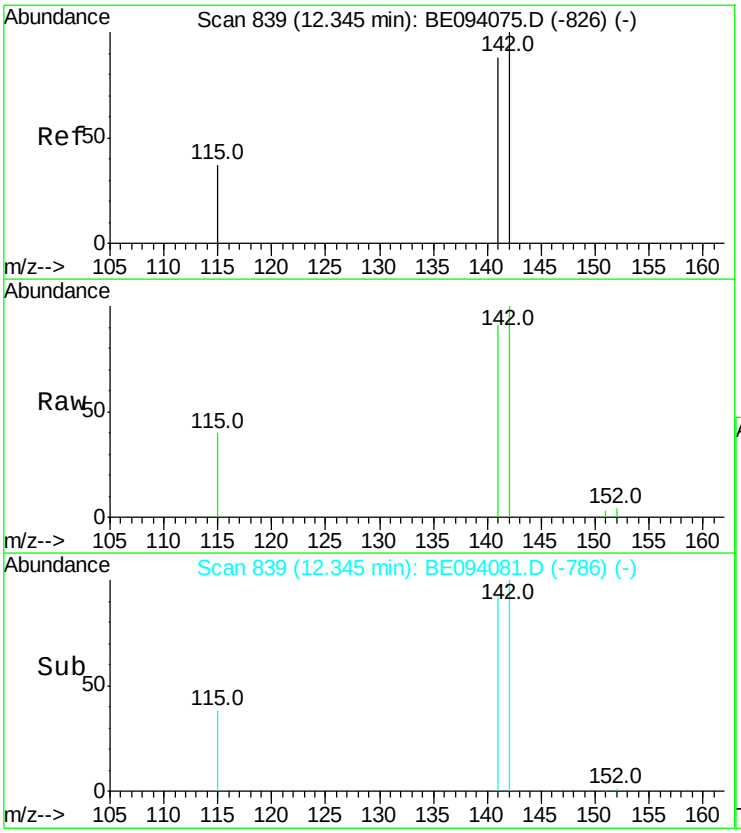
#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.27 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2895

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

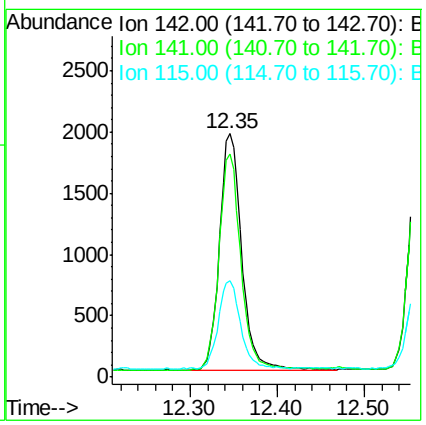


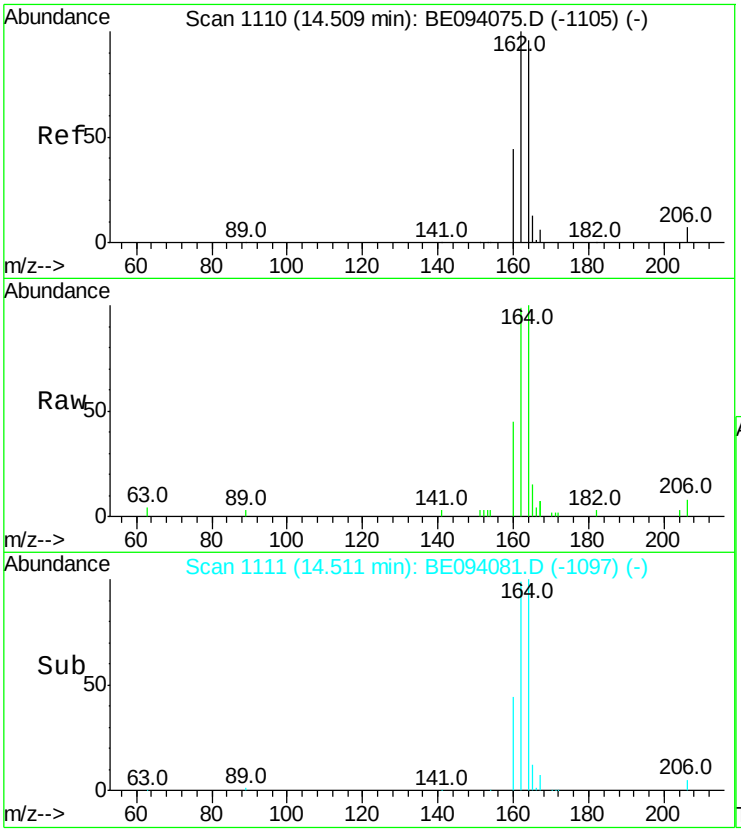


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.35 min Scan# 839
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:142 Resp: 3416

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.4	105.6
115	39.7	31.7	47.5



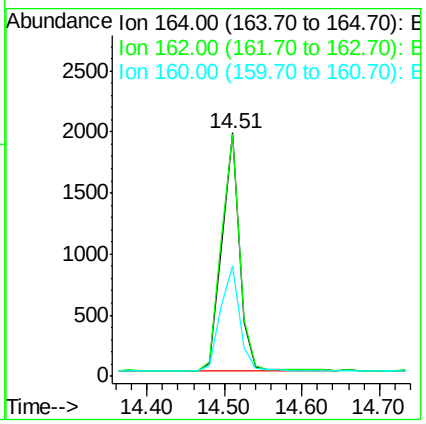


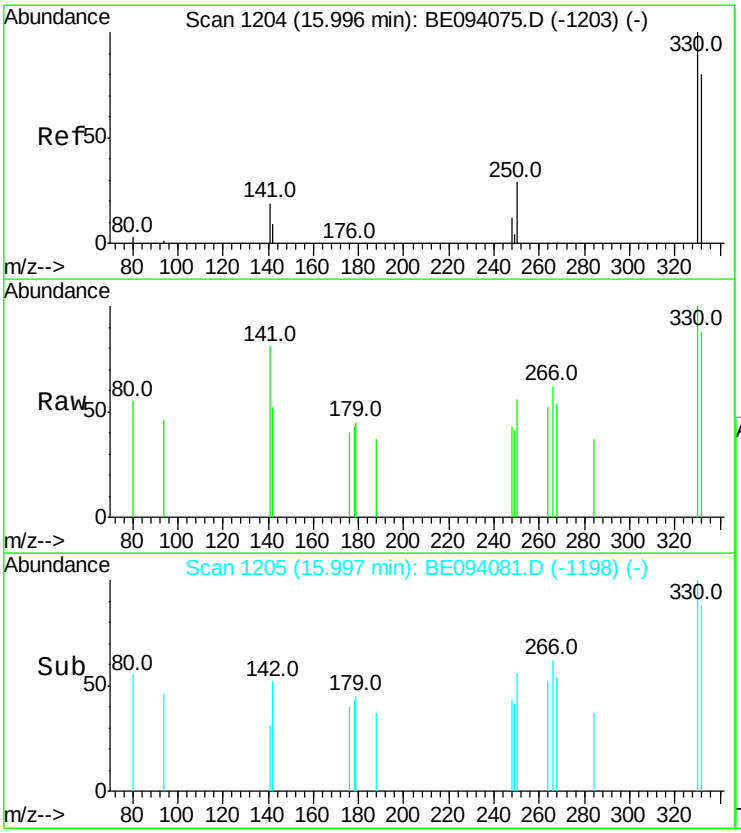
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3055

Ion	Ratio	Lower	Upper
164	100		
162	99.4	83.1	124.7
160	45.5	37.1	55.7

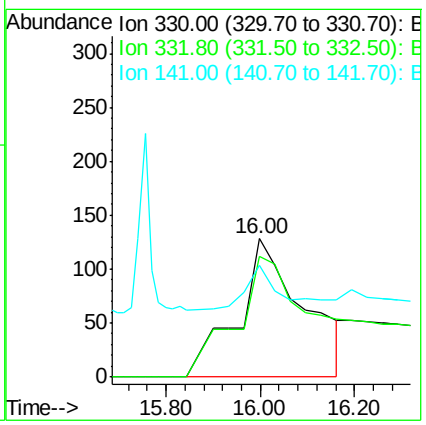


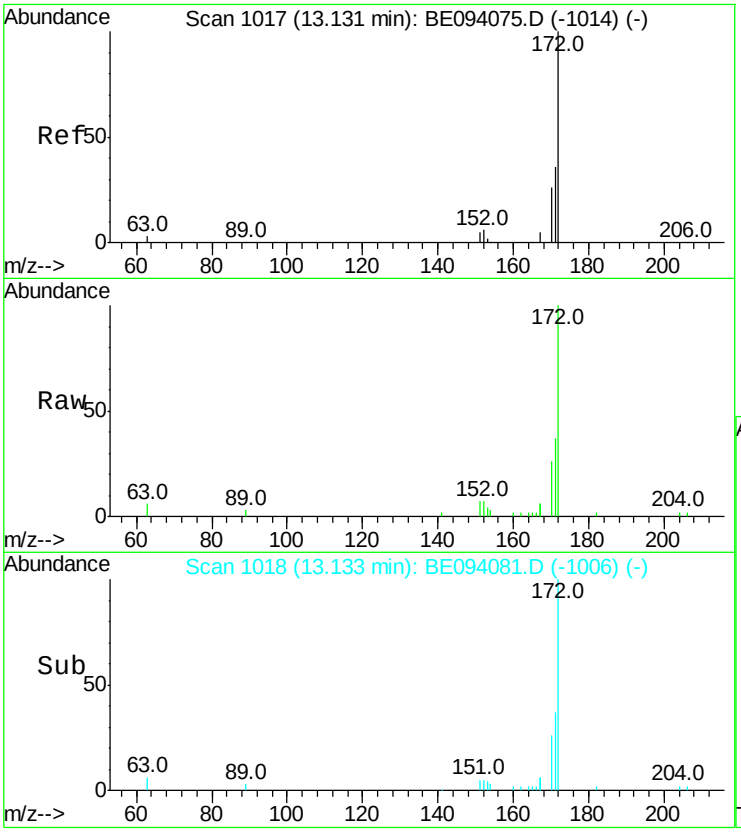


#14
2,4,6-Tribromophenol
Concen: 0.558 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:330 Resp: 1294

Ion	Ratio	Lower	Upper
330	100		
332	96.1	152.7	229.1#
141	18.5	33.7	50.5#



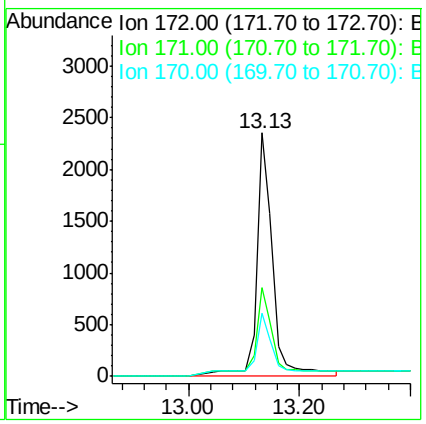


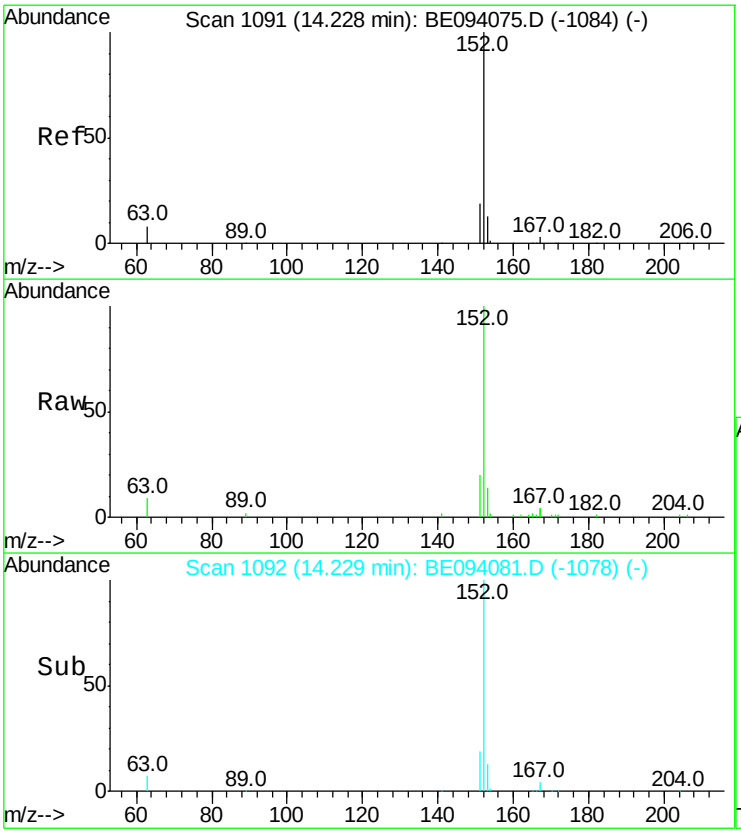
#15
2-Fluorobiphenyl
Concen: 0.506 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5083

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	26.0	21.8	32.8

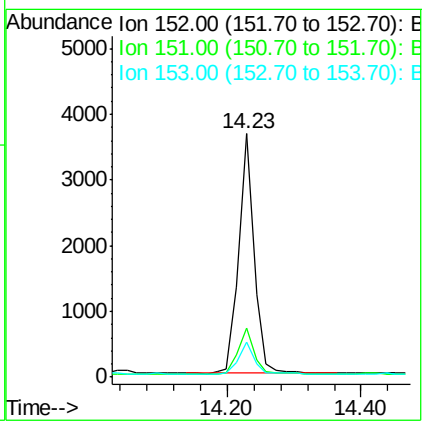


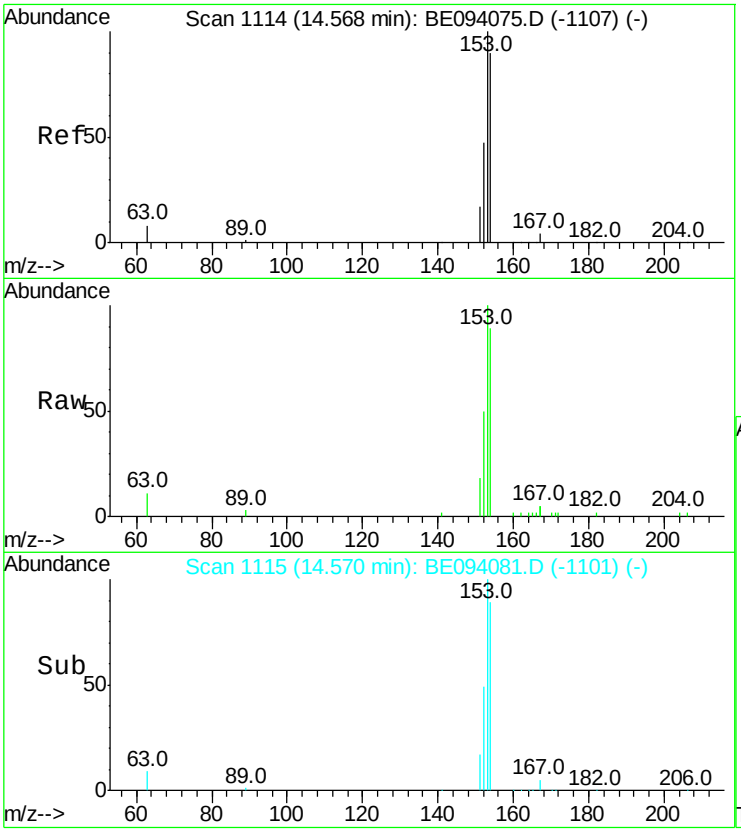


#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:152 Resp: 5858

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.1	10.5	15.7



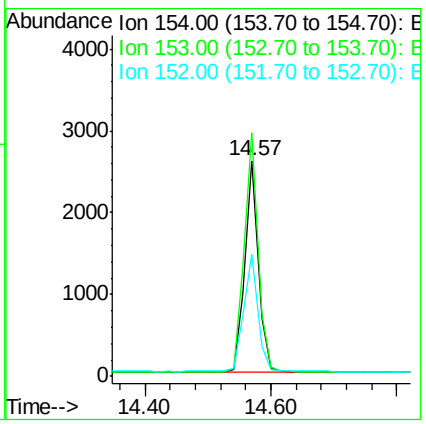


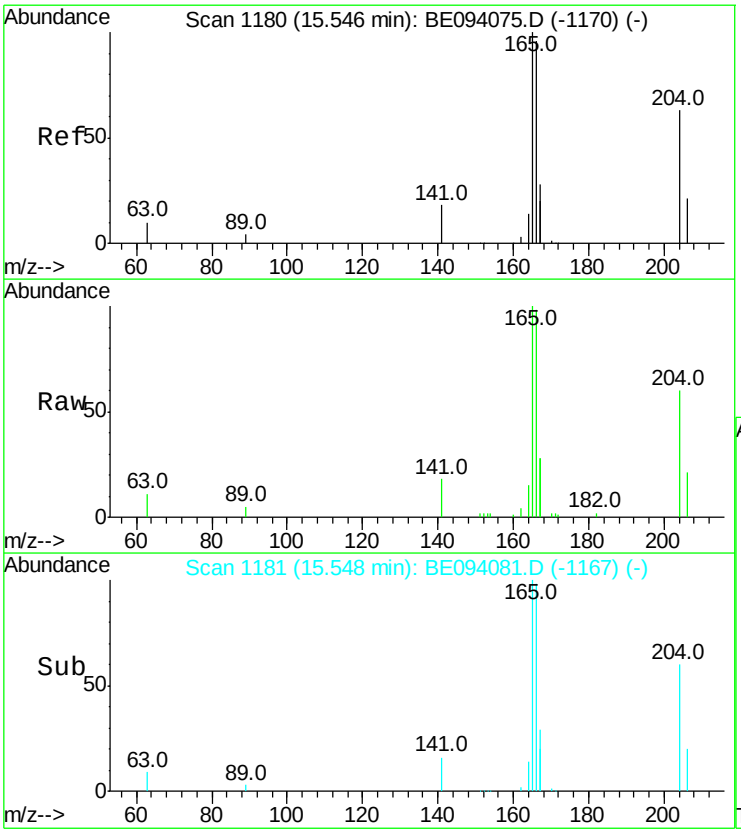
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3906

Ion	Ratio	Lower	Upper
154	100		
153	115.4	89.2	133.8
152	56.4	42.0	63.0

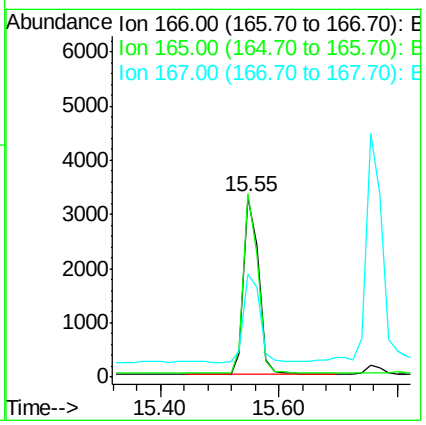


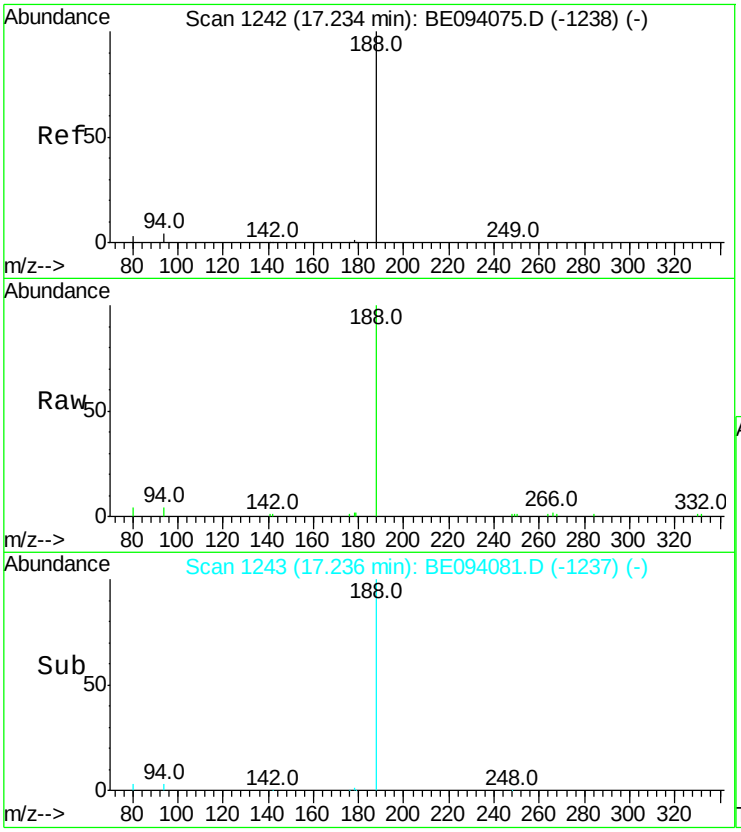


#18
Fluorene
Concen: 0.373 ng
RT: 15.55 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:166 Resp: 5668

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	54.3	42.4	63.6



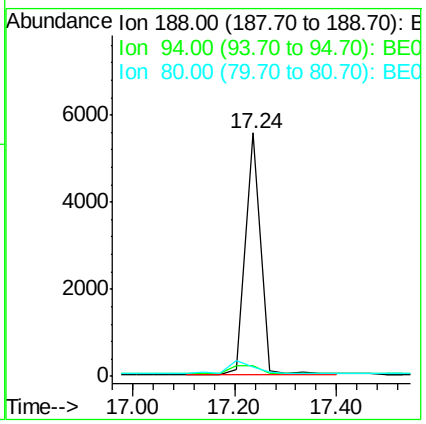


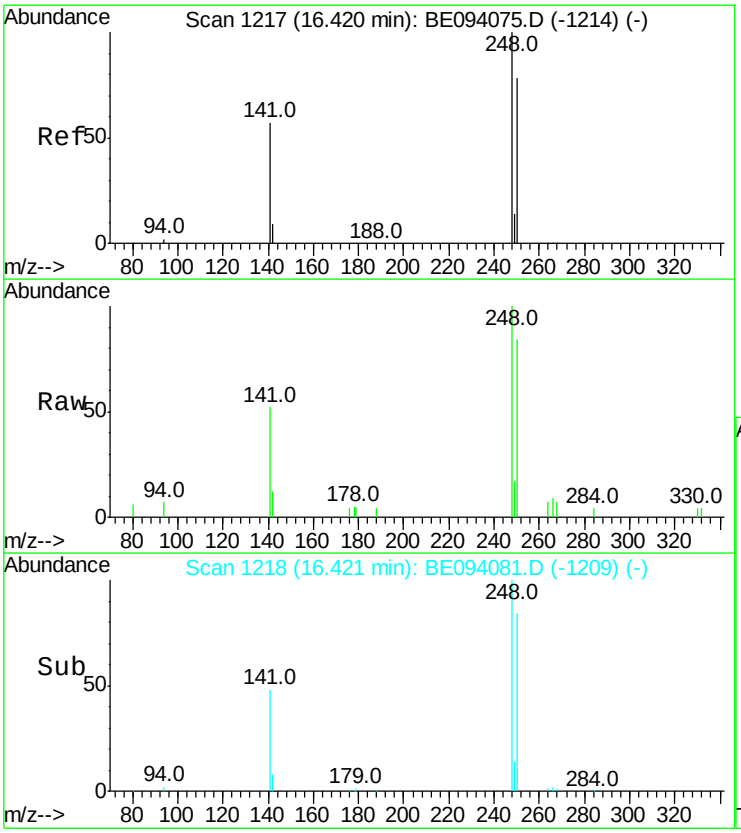
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11325

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

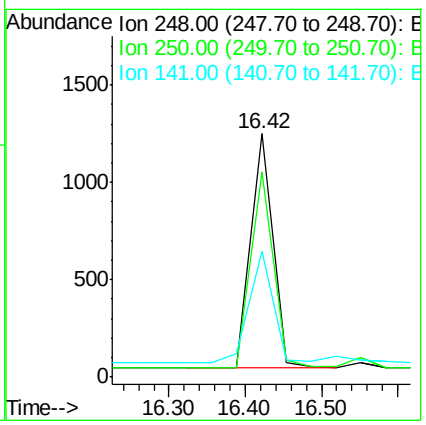


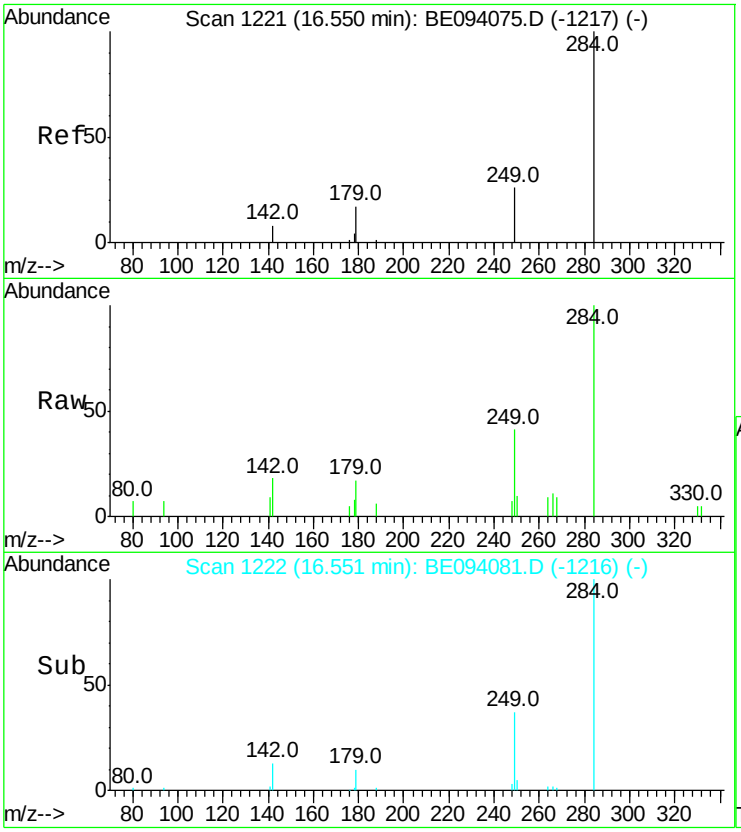


#20
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:248 Resp: 2427

Ion	Ratio	Lower	Upper
248	100		
250	84.5	62.7	94.1
141	51.9	48.2	72.2



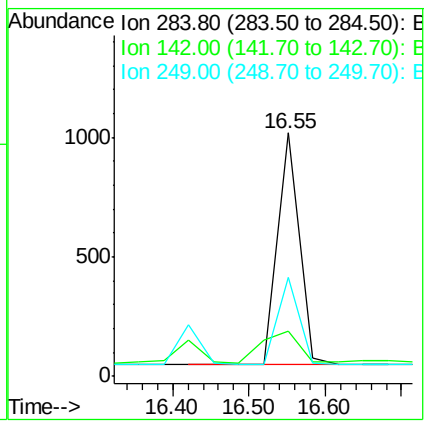


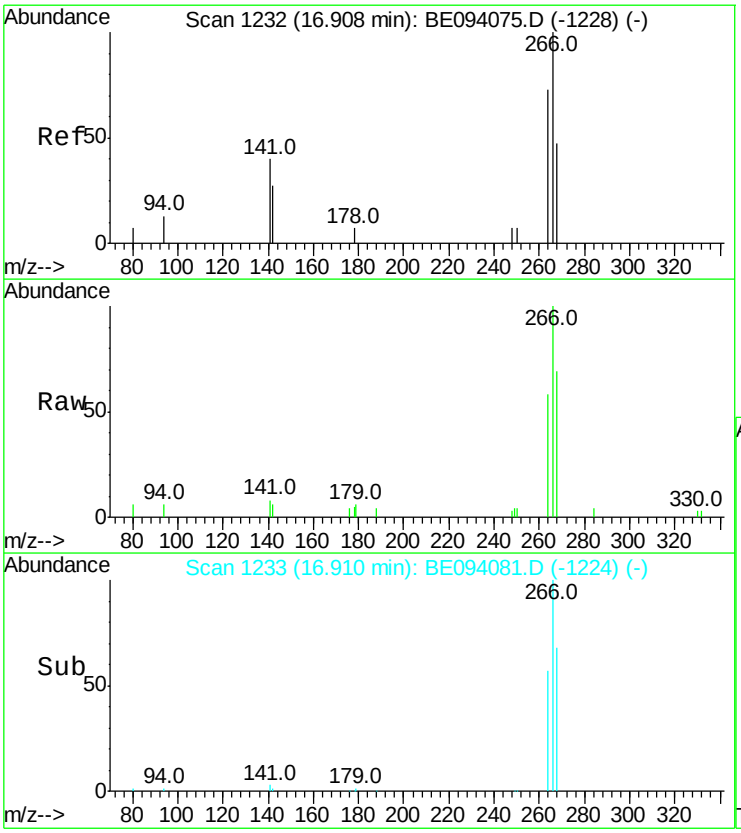
#21
Hexachlorobenzene
Concen: 0.445 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1975

Ion	Ratio	Lower	Upper
284	100		
142	22.7	22.1	33.1
249	36.5	34.8	52.2

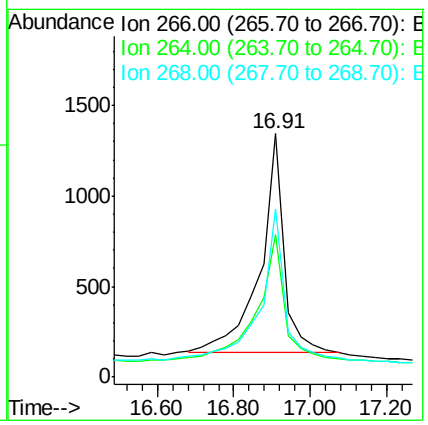


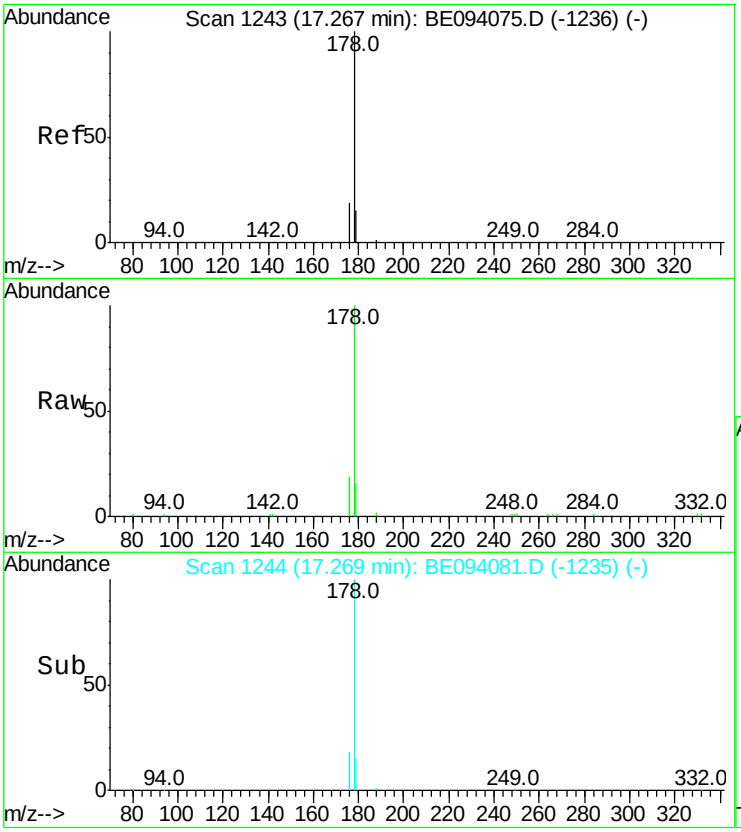


#22
Pentachlorophenol
Concen: 3.444 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:266 Resp: 5294

Ion	Ratio	Lower	Upper
266	100		
264	58.5	72.5	108.7#
268	68.8	73.8	110.6#



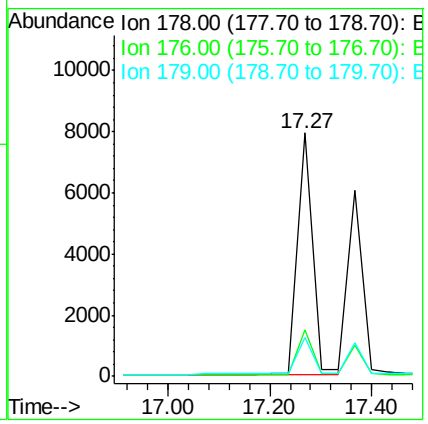


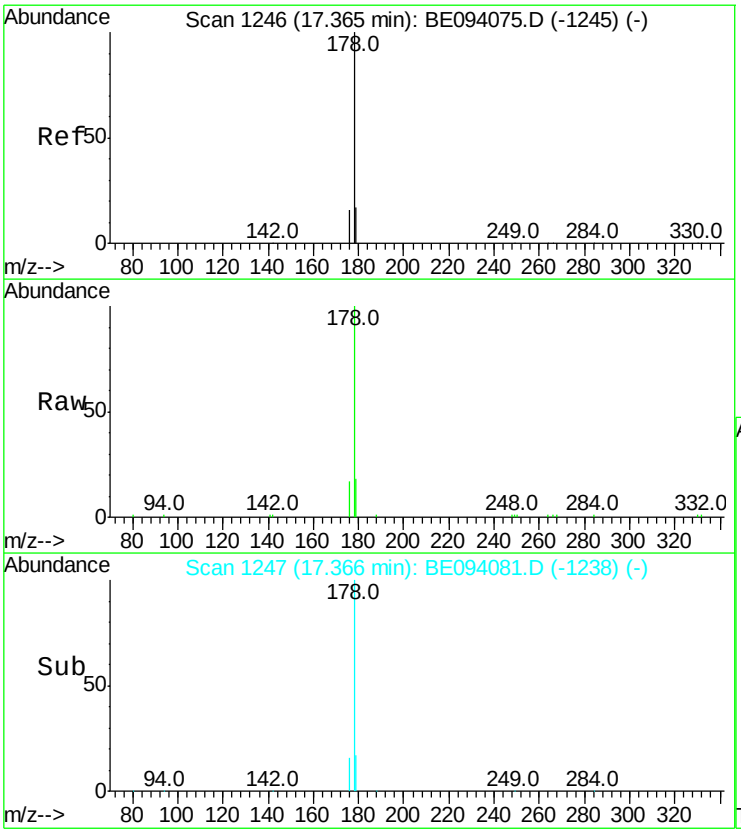
#23
Phenanthrene
Concen: 0.399 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 16198

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.0	11.8	17.6

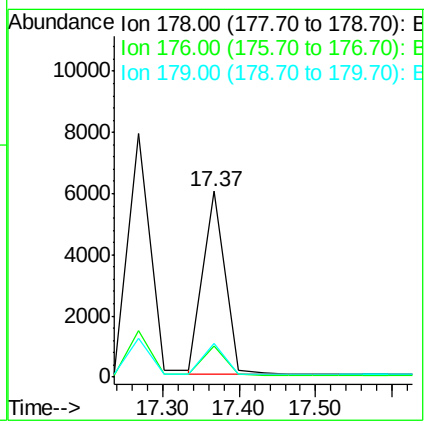


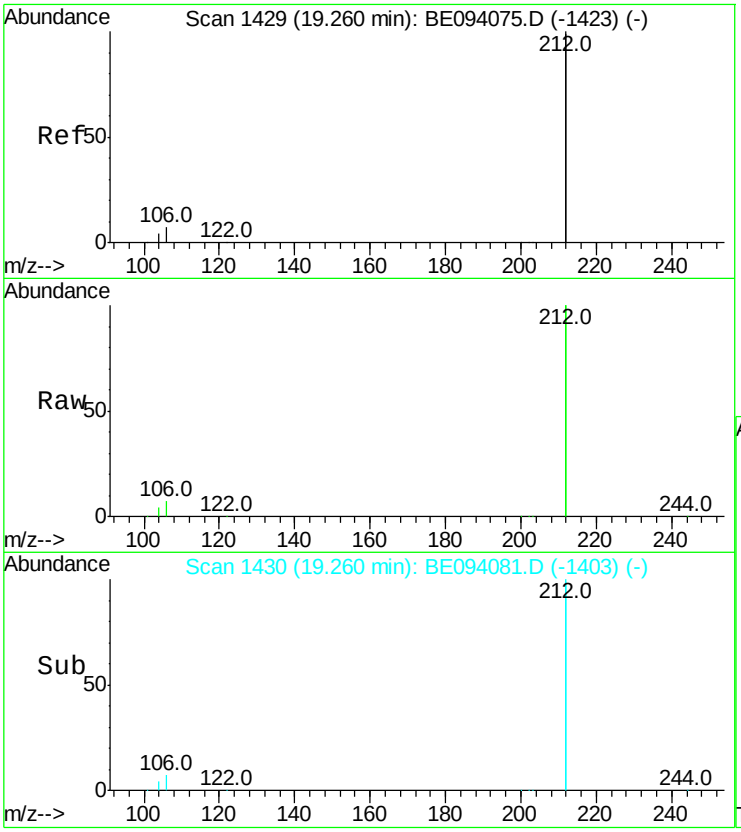


#24
Anthracene
Concen: 0.390 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:178 Resp: 12187

Ion	Ratio	Lower	Upper
178	100		
176	15.8	12.8	19.2
179	16.6	13.0	19.6



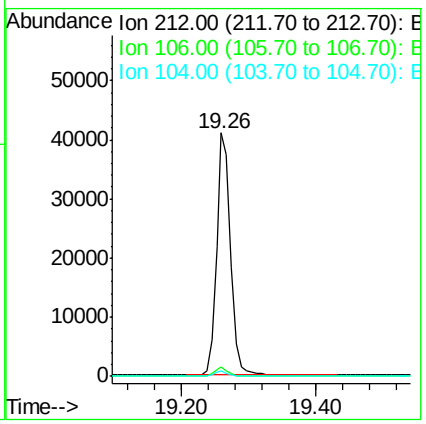


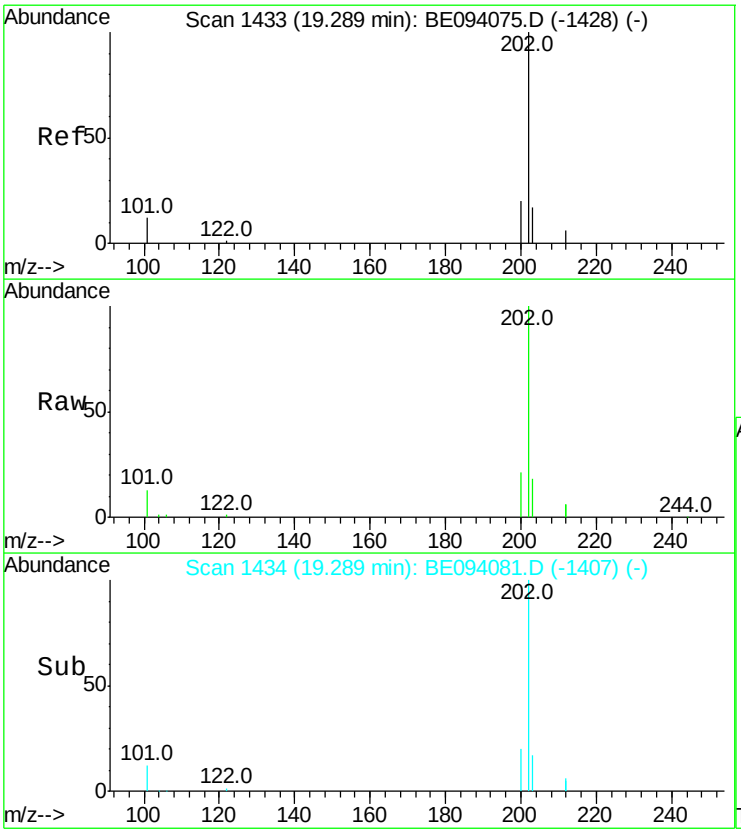
#25
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.26 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 59654

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4

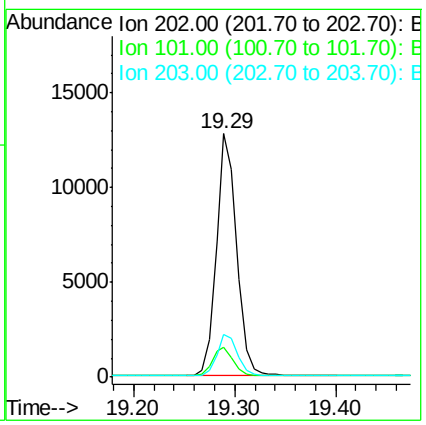


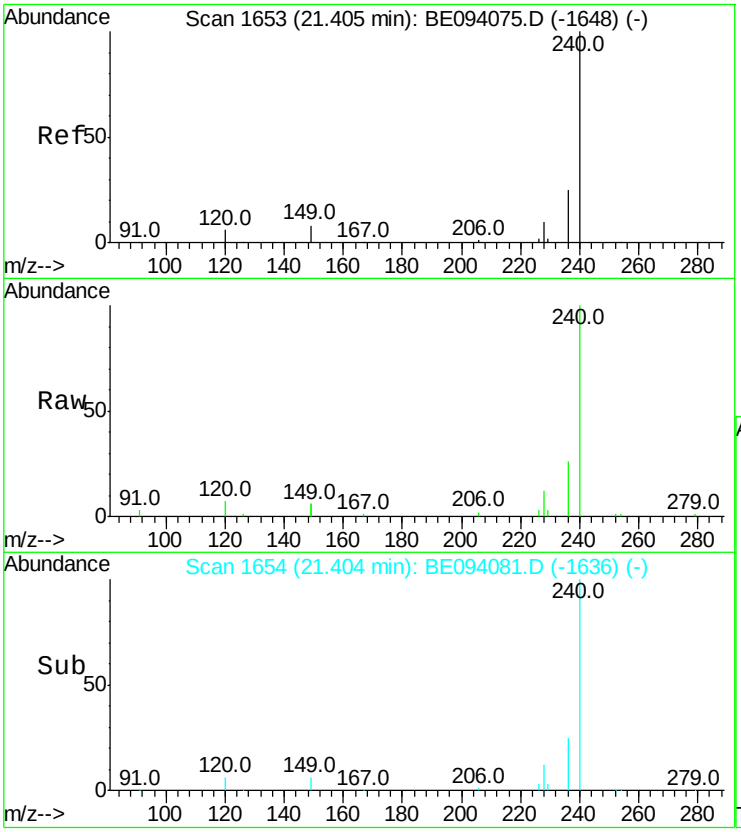


#26
Fluoranthene
Concen: 0.411 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:202 Resp: 17879

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
203	17.4	13.7	20.5



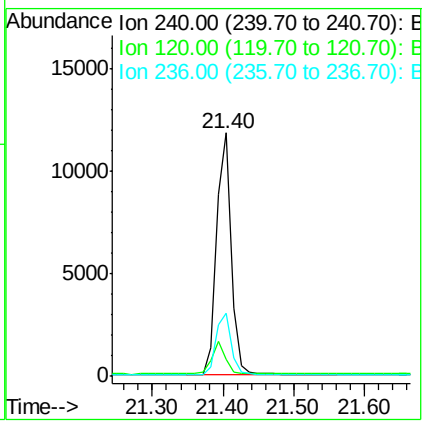


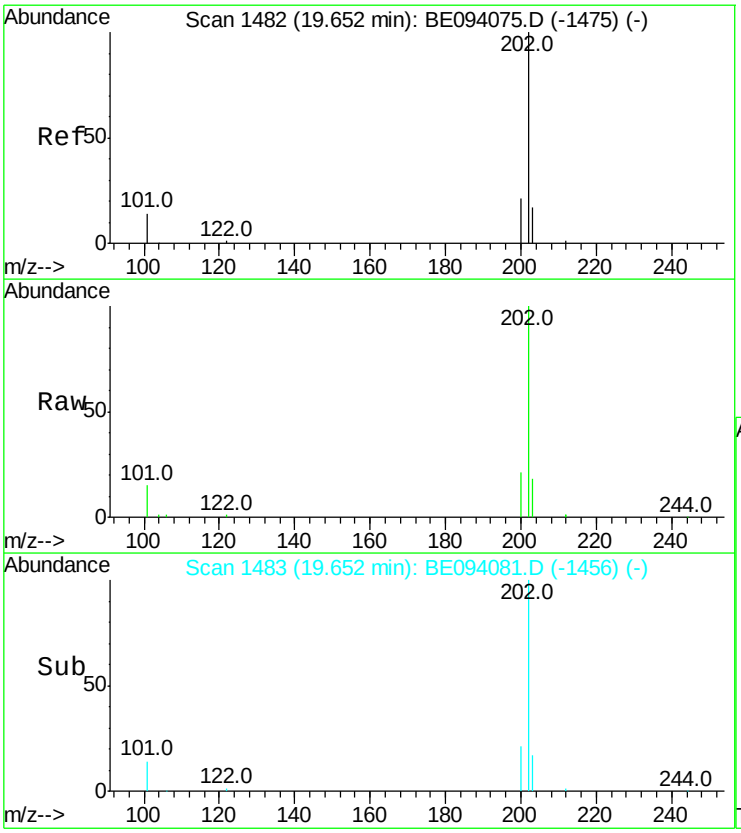
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 17550

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.5	8.3
236	25.7	20.7	31.1

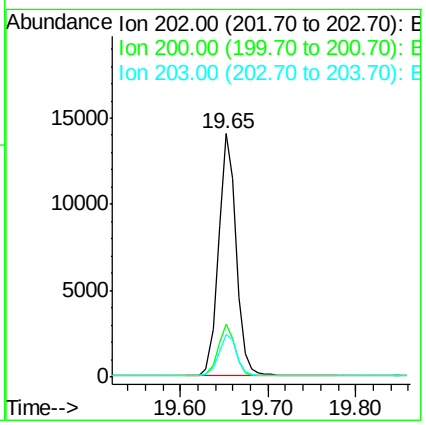


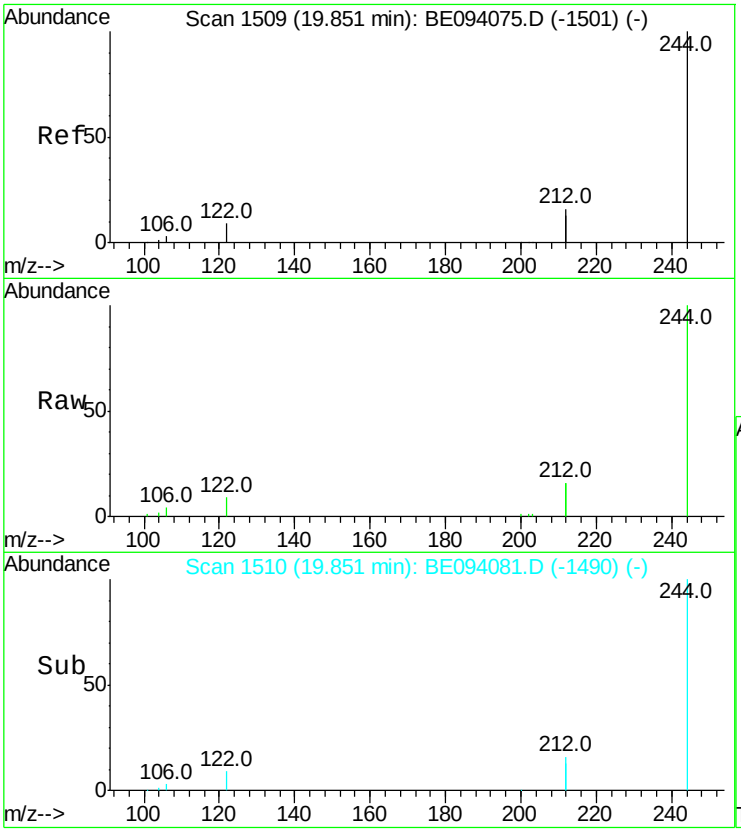


#28
Pyrene
Concen: 0.404 ng
RT: 19.65 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:202 Resp: 19622

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.6	13.8	20.8



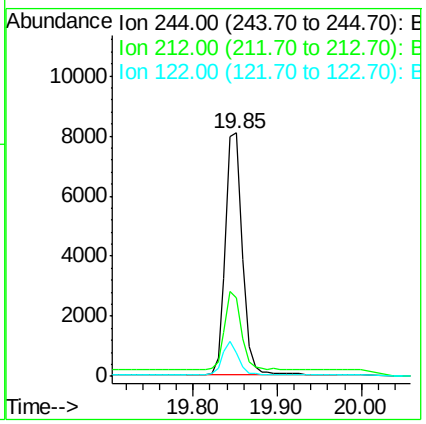


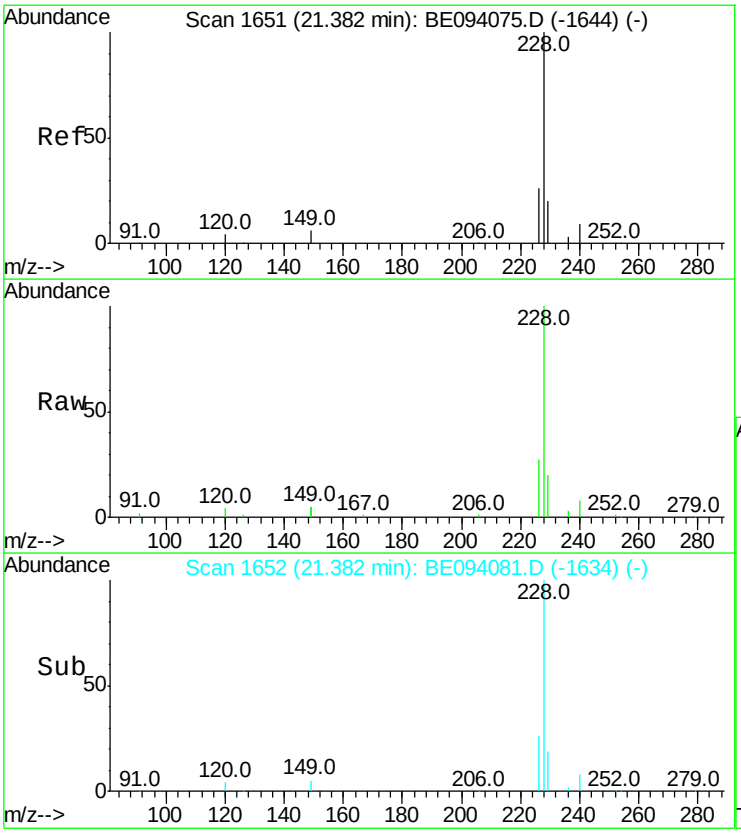
#29
Terphenyl-d14
Concen: 0.408 ng
RT: 19.85 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 11219

Ion	Ratio	Lower	Upper
244	100		
212	32.5	25.4	38.0
122	9.5	8.1	12.1

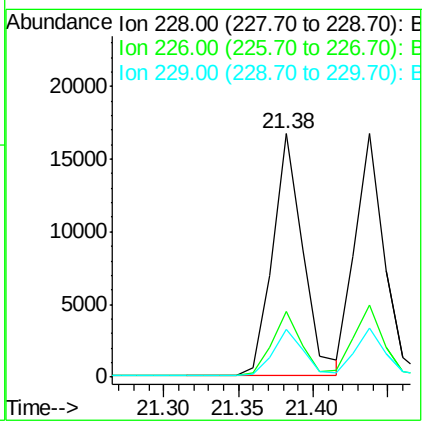


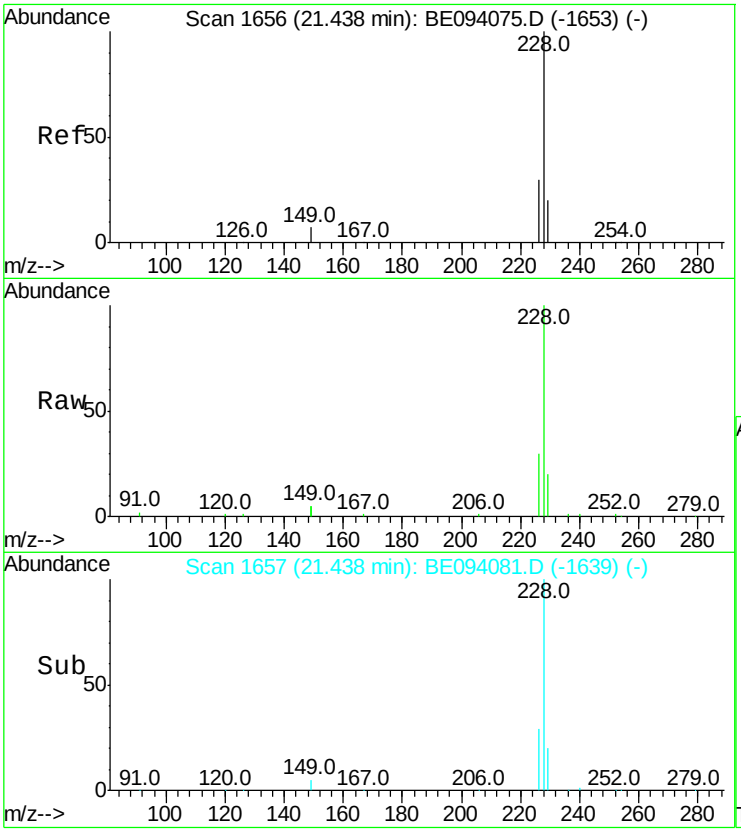


#30
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:228 Resp: 23533

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.8	16.4	24.6



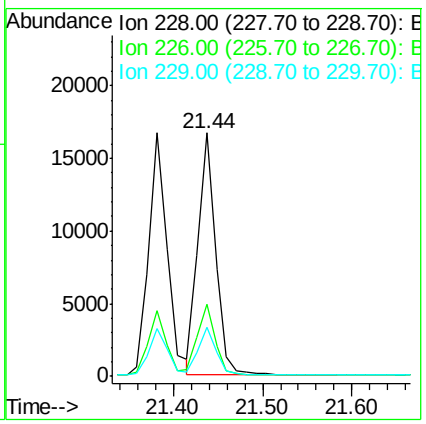


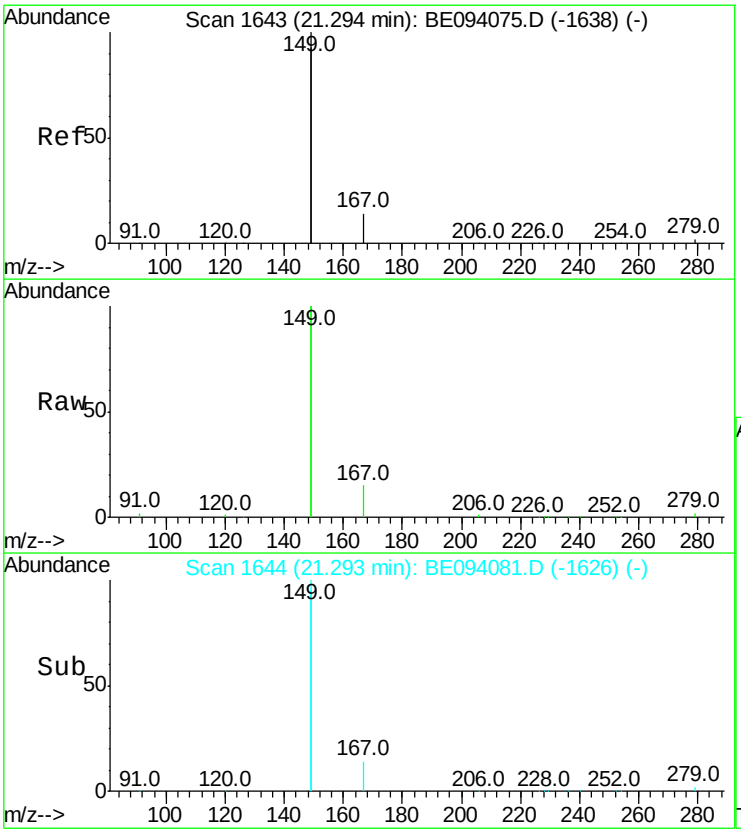
#31
Chrysene
Concen: 0.395 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 22739

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.6	35.4
229	20.2	16.4	24.6

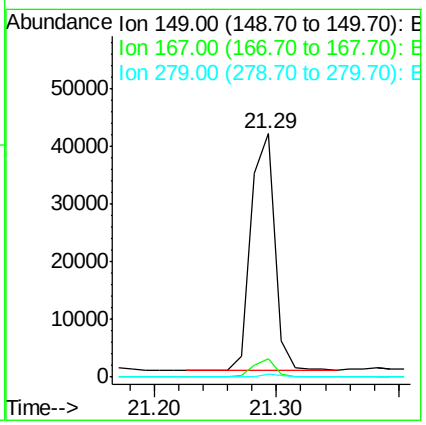


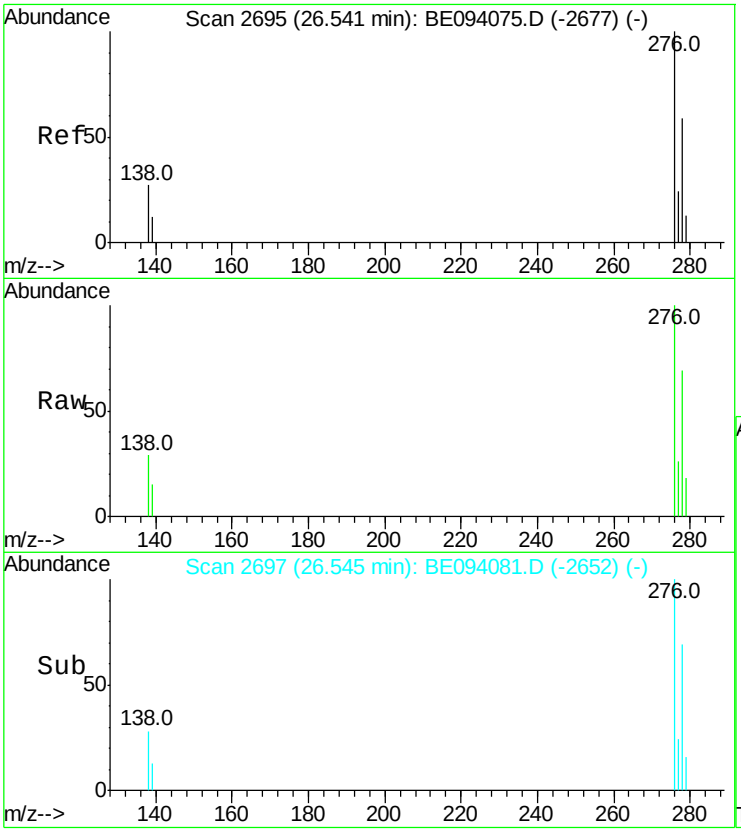


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.352 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:149 Resp: 55612

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.9	0.7	1.1



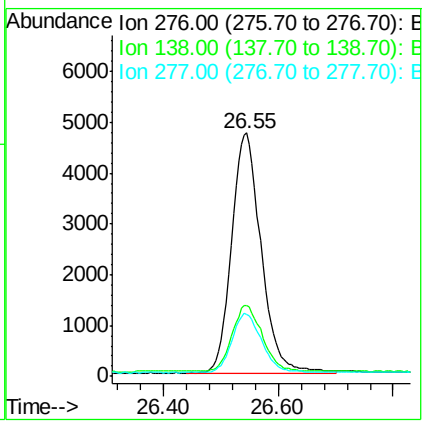


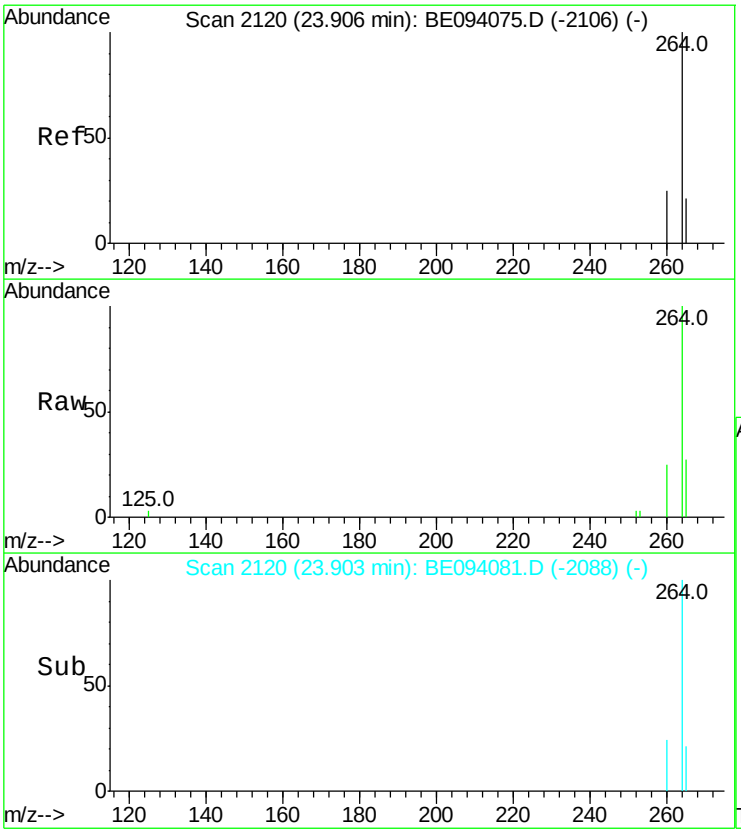
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 26.55 min Scan# 2697
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 16801

Ion	Ratio	Lower	Upper
276	100		
138	27.3	22.5	33.7
277	24.8	19.9	29.9

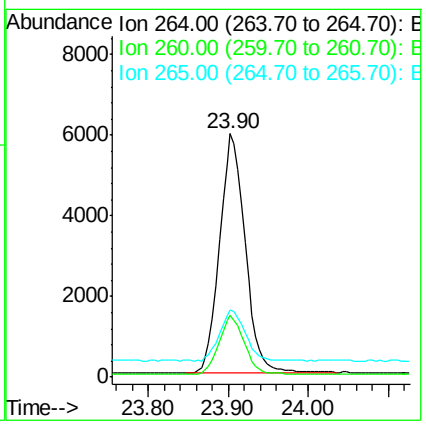


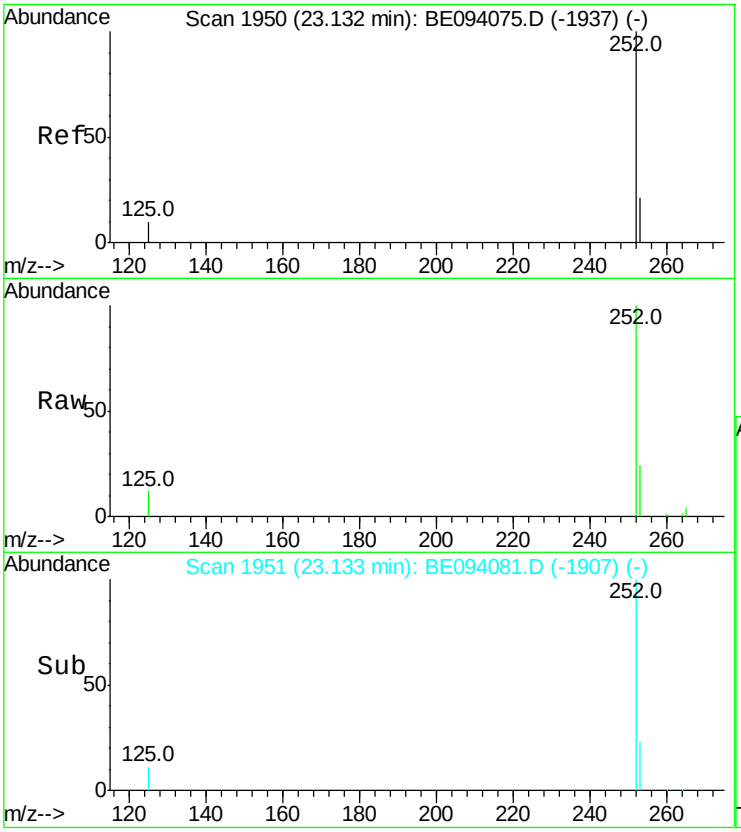


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:264 Resp: 13302

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	27.4	22.8	34.2



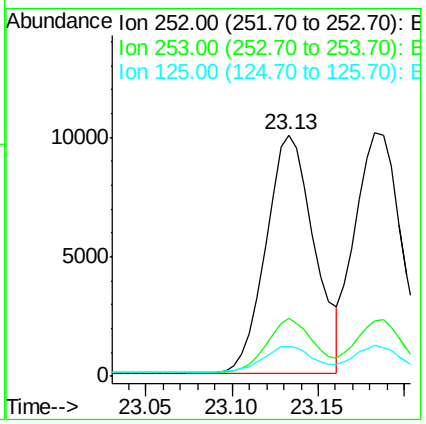


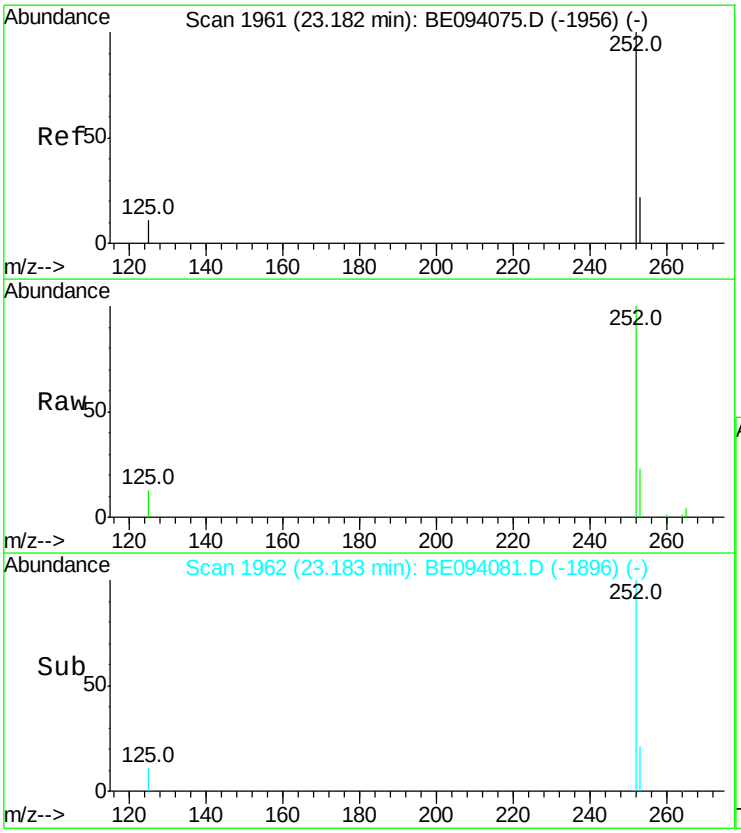
#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 23.13 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 19529

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	12.5	10.1	15.1

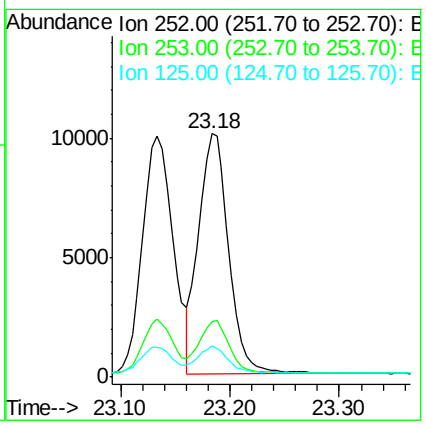


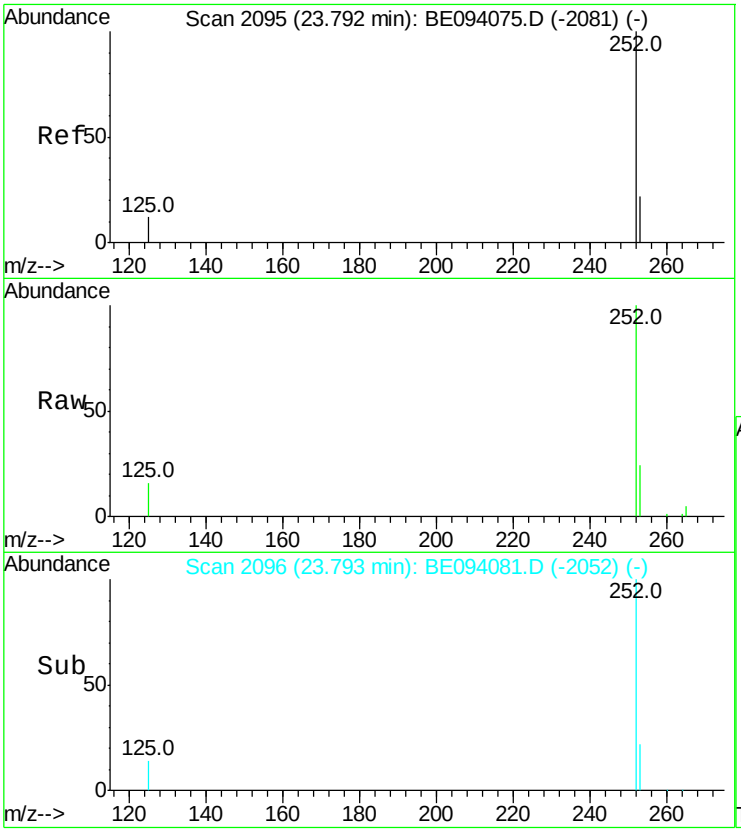


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.18 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:252 Resp: 19246

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	12.7	10.7	16.1



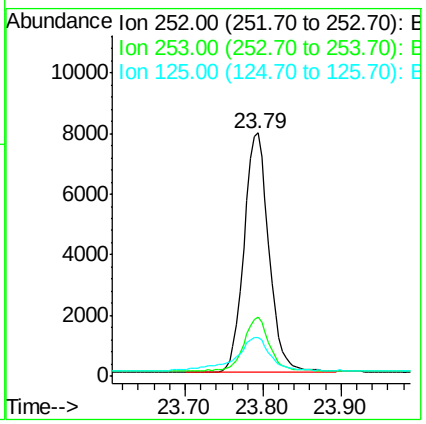


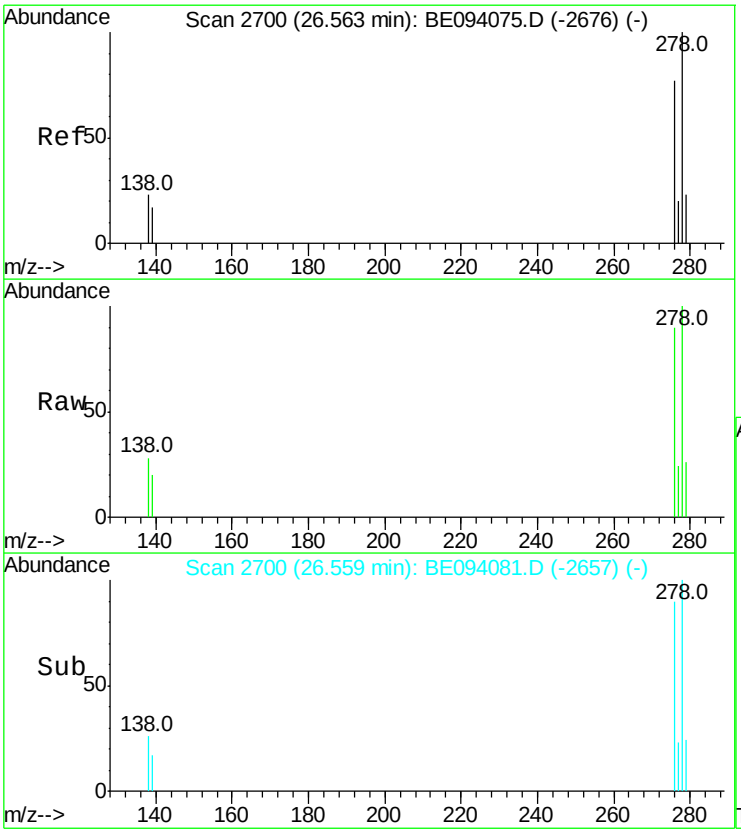
#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.79 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17538

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.6
125	15.9	11.8	17.8

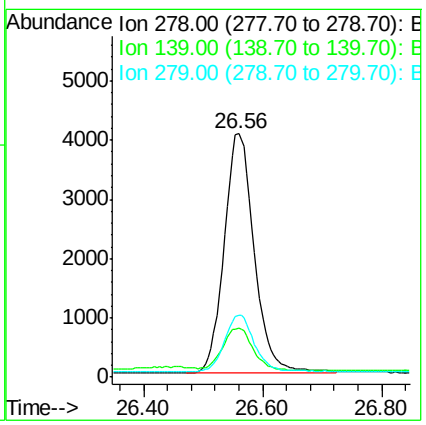


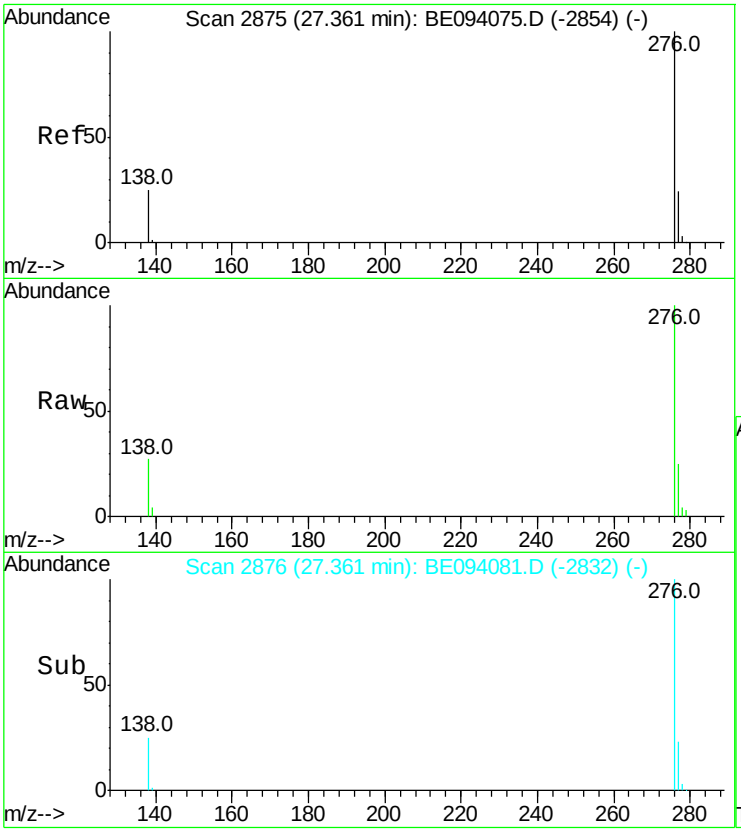


#38
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 26.56 min Scan# 2700
Delta R.T. -0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Tgt Ion:278 Resp: 14217

Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.3	24.5
279	25.5	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.414 ng
RT: 27.36 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BE094081.D
Acq: 23 Sep 2017 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 14338

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.8	31.2
138	27.0	21.5	32.3