Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094919.D
Acq On : 5 Dec 2017 17:52
Operator : SJ/JU
Sample : PB104097BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB104097BS

Quant Time: Dec 06 06:39:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	9097	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	17659	0.40	ng		0.00
13) Acenaphthene-d10	15.07	164	8361	0.40	ng		0.00
19) Phenanthrene-d10	17.79	188	19410	0.40	ng		0.01
27) Chrysene-d12	21.89	240	19645	0.40	ng		0.00
34) Perylene-d12	24.57	264	15987	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	2622	0.18	ng		0.00
5) Phenol-d6	7.59	99	4397	0.21	ng		0.00
8) Nitrobenzene-d5	9.66	82	2333m	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	7936	0.28	ng		0.00
14) 2,4,6-Tribromophenol	16.55	330	278	0.23	ng		0.01
15) 2-Fluorobiphenyl	13.71	172	12056	0.34	ng		0.00
25) Fluoranthene-d10	19.76	212	66718	0.25	ng		0.00
29) Terphenyl-d14	20.33	244	12717	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	2405	0.253	ng	#	49
3) n-Nitrosodimethylamine	4.02	42	3746	0.309	ng	#	75
6) bis(2-Chloroethyl)ether	7.87	93	6215	0.294	ng		100
9) Naphthalene	11.38	128	67996	0.328	ng		99
10) Hexachlorobutadiene	11.64	225	2994	0.343	ng		96
12) 2-Methylnaphthalene	12.94	142	16126	0.313	ng		99
16) Acenaphthylene	14.79	152	13921	0.295	ng		99
17) Acenaphthene	15.13	154	9349	0.306	ng		94
18) Fluorene	16.10	166	11559	0.298	ng	#	79
20) 4-Bromophenyl-phenylether	16.98	248	3494	0.323	ng	#	70
21) Hexachlorobenzene	17.10	284	3476	0.329	ng	#	79
22) Pentachlorophenol	17.43	266	876	0.384	ng	#	72
23) Phenanthrene	17.82	178	20052	0.324	ng		99
24) Anthracene	17.91	178	20427	0.311	ng	#	92
26) Fluoranthene	19.79	202	22739	0.286	ng		99
28) Pyrene	20.14	202	22656	0.334	ng		99
30) Benzo(a)anthracene	21.87	228	19367	0.321	ng	#	61
31) Chrysene	21.92	228	18819m	0.283	ng		
32) Bis(2-ethylhexyl)phthalate	21.76	149	10962	0.110	ng	#	99
33) Indeno(1,2,3-cd)pyrene	27.44	276	18141	0.333	ng	#	48
35) Benzo(b)fluoranthene	23.74	252	18784	0.322	ng	#	41
36) Benzo(k)fluoranthene	23.79	252	18893	0.318	ng	#	41
37) Benzo(a)pyrene	24.45	252	16318	0.319	ng	#	34
38) Dibenzo(a,h)anthracene	27.47	278	15199	0.322	ng	#	44
39) Benzo(g,h,i)perylene	28.34	276	16331	0.346	ng	#	54

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094919.D
Acq On : 5 Dec 2017 17:52
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Sample : PB104097BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Quant Time: Dec 06 06:39:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
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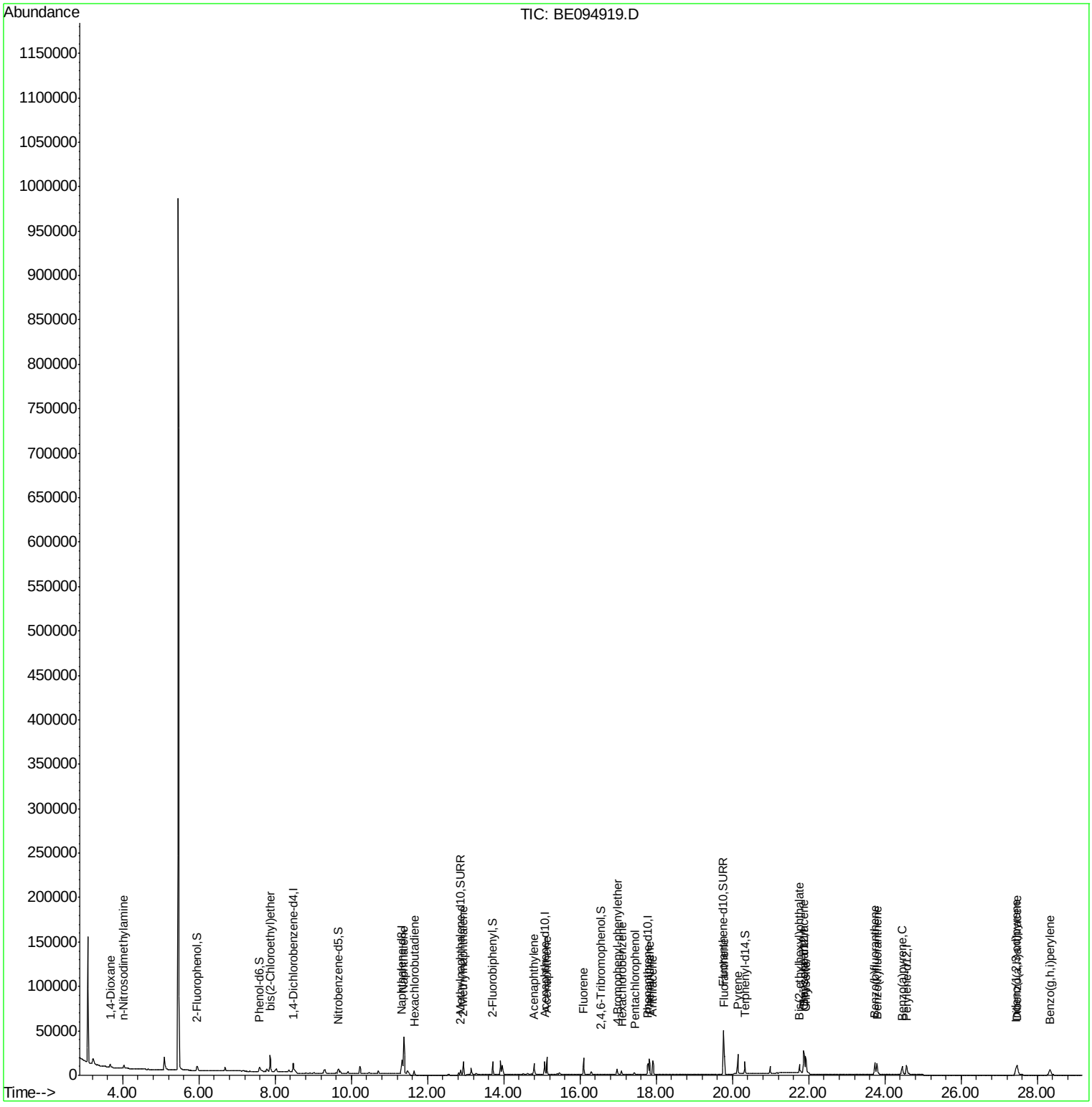
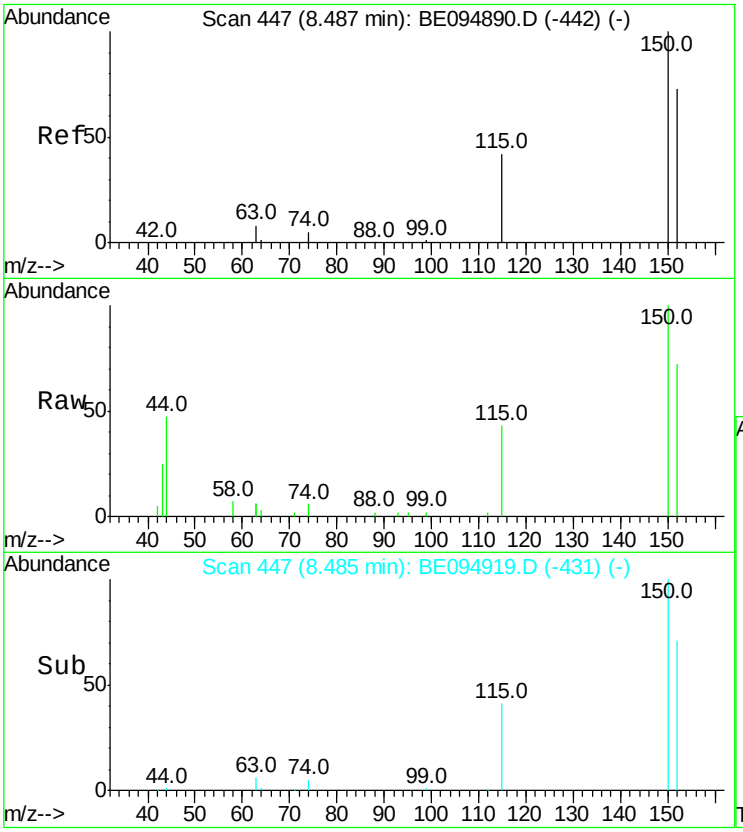


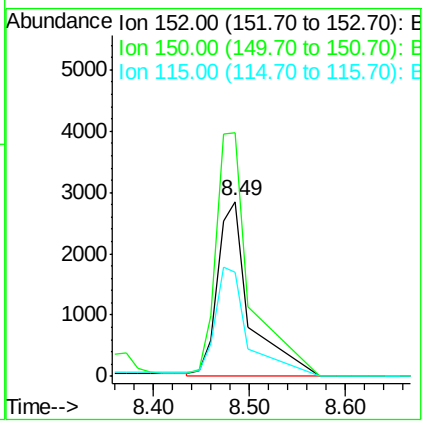


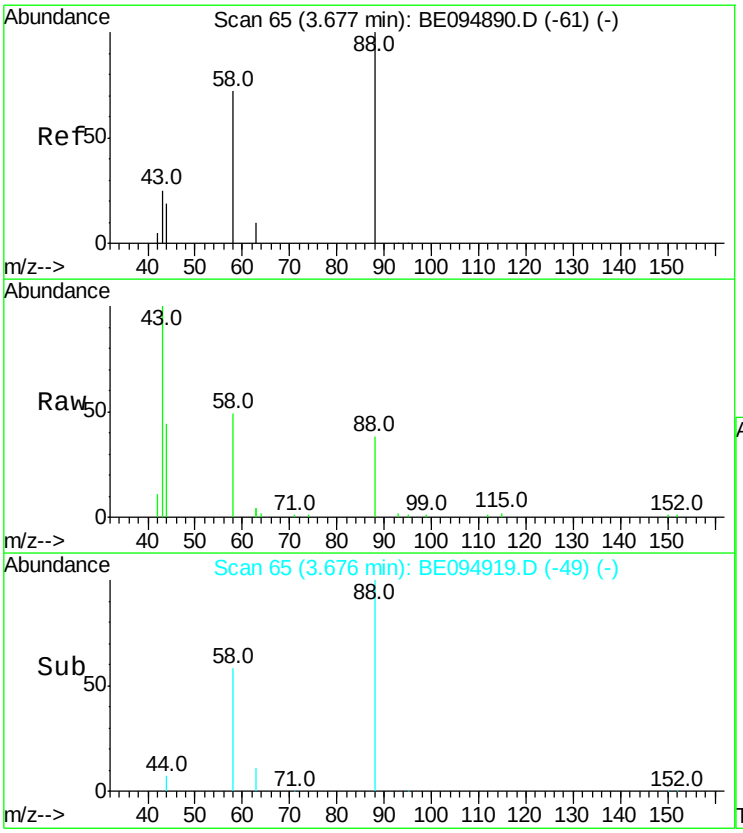
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.49 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:152 Resp: 9097

Ion	Ratio	Lower	Upper
152	100		
150	139.5	117.2	175.8
115	59.6	57.0	85.6

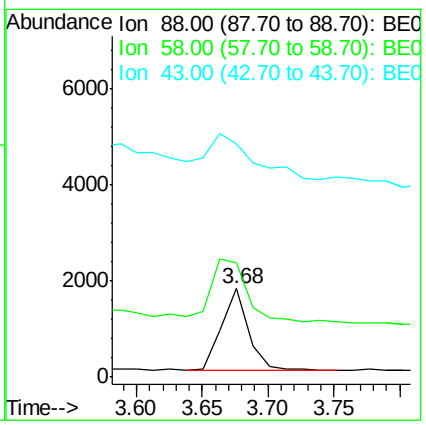


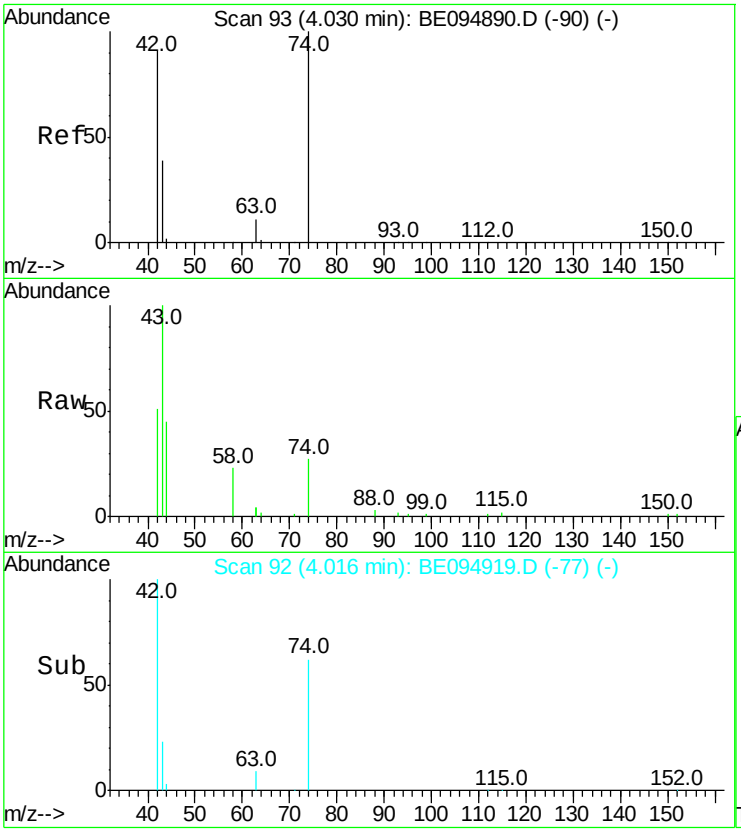


#2
1,4-Dioxane
Concen: 0.253 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion: 88 Resp: 2405

Ion	Ratio	Lower	Upper
88	100		
58	117.6	63.2	94.8#
43	95.2	41.2	61.8#



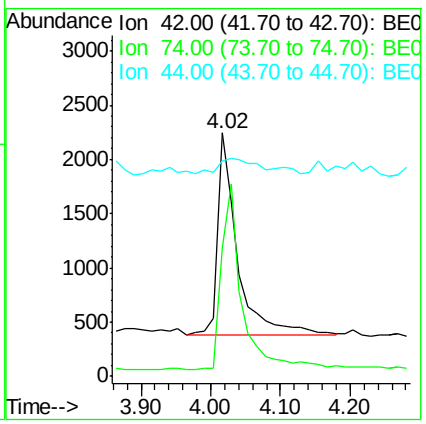


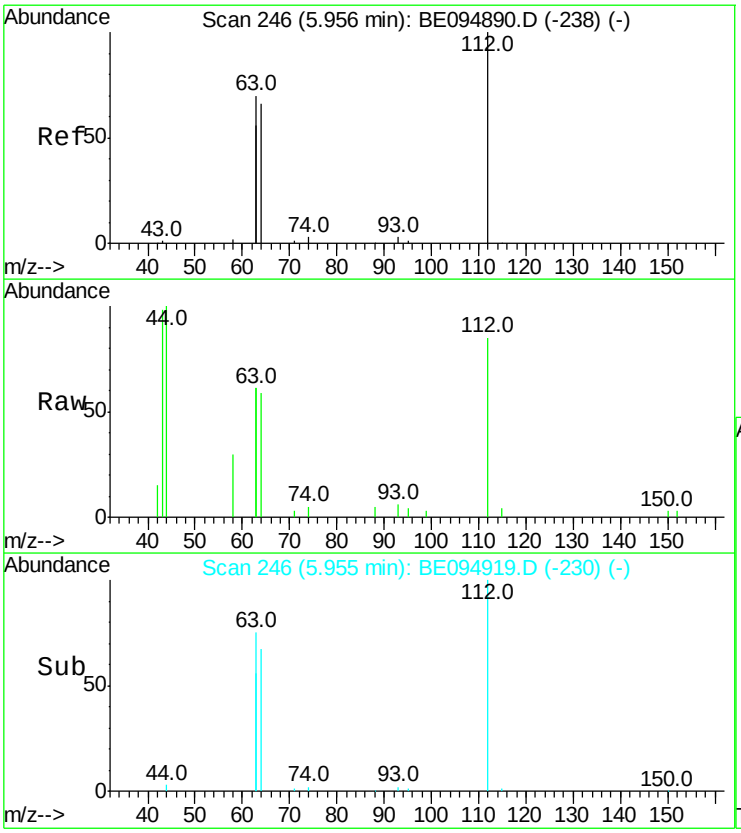
#3
n-Nitrosodimethylamine
Concen: 0.309 ng
RT: 4.02 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion: 42 Resp: 3746

Ion	Ratio	Lower	Upper
42	100		
74	93.6	100.3	150.5#
44	16.9	17.0	25.4#

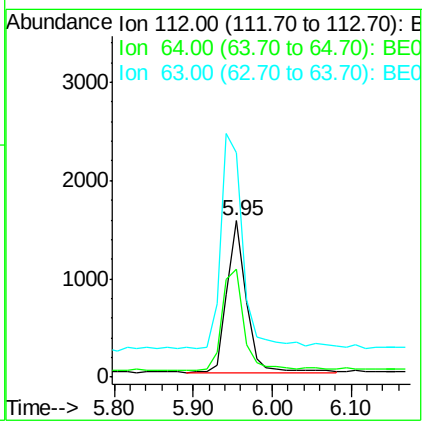


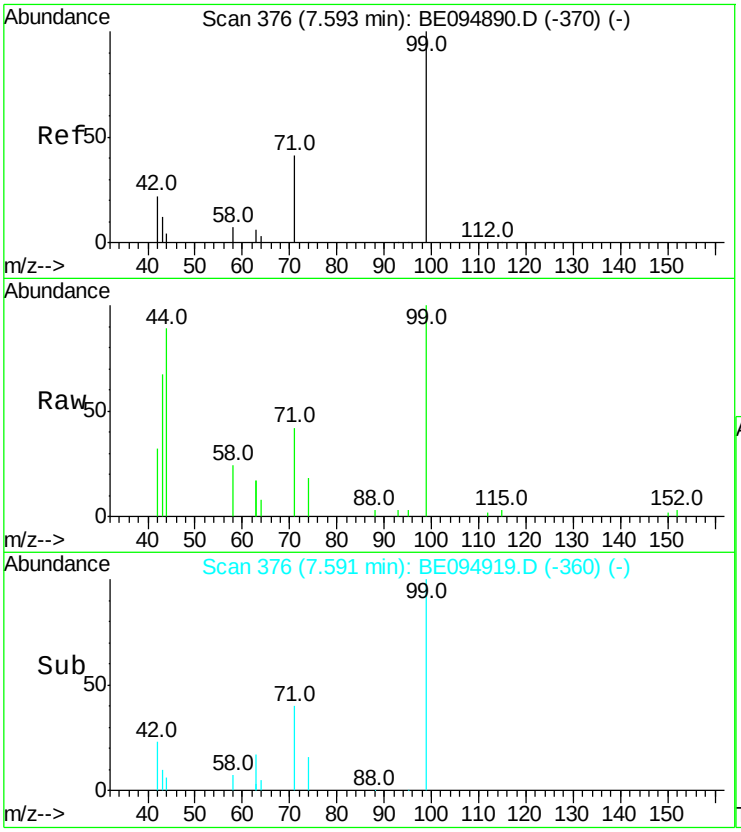


#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:112 Resp: 2622

Ion	Ratio	Lower	Upper
112	100		
64	75.6	60.1	90.1
63	165.4	116.8	175.2



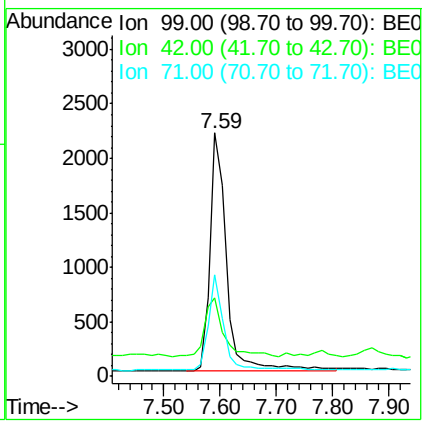


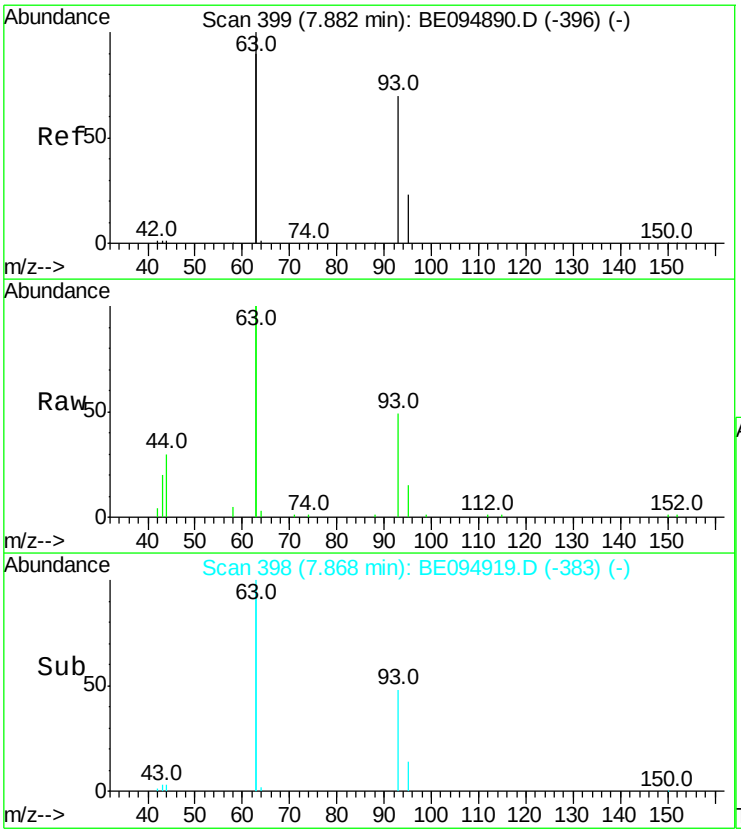
#5
Phenol-d6
Concen: 0.206 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion: 99 Resp: 4397

Ion	Ratio	Lower	Upper
99	100		
42	29.5	20.2	30.2
71	35.9	28.4	42.6

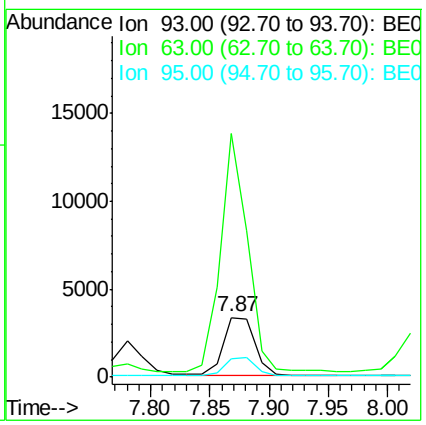


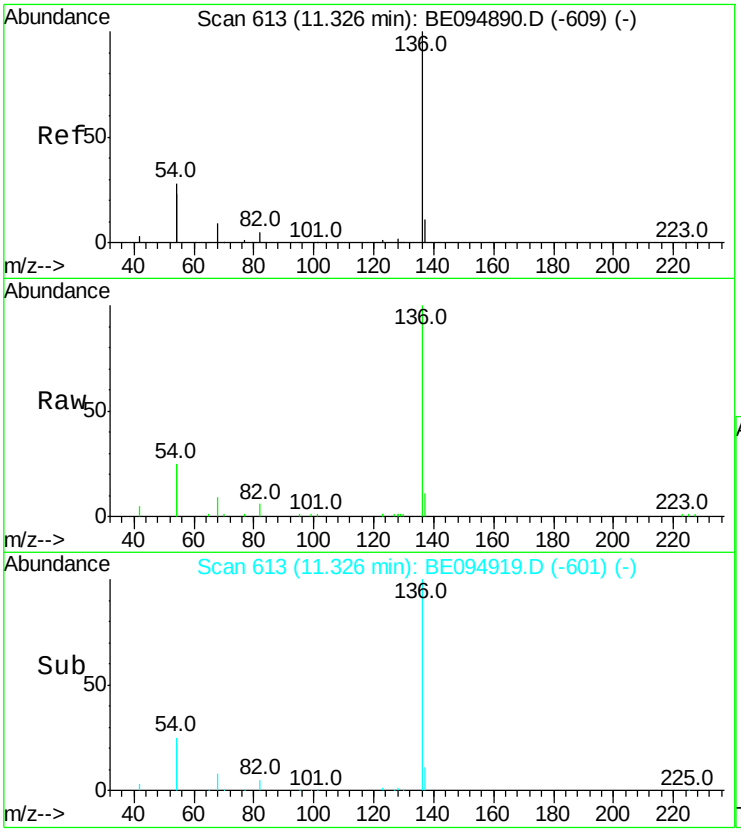


#6
bis(2-Chloroethyl)ether
Concen: 0.294 ng
RT: 7.87 min Scan# 398
Delta R.T. -0.01 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion: 93 Resp: 6215

Ion	Ratio	Lower	Upper
93	100		
63	343.7	275.3	412.9
95	31.4	25.2	37.8



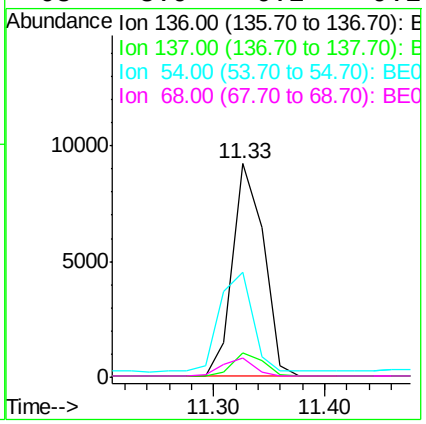


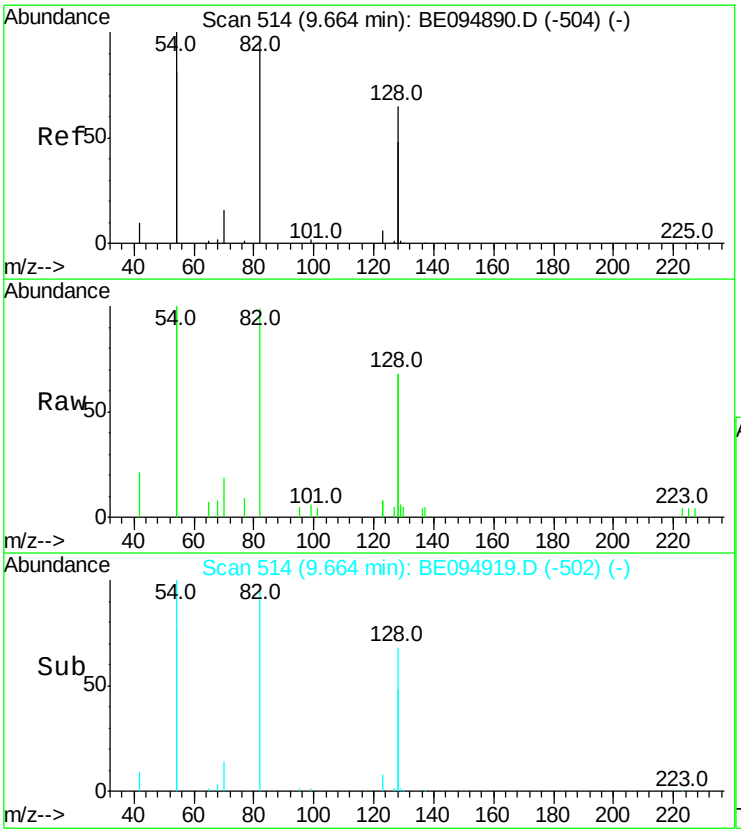
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:136 Resp: 17659

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	49.1	29.1	43.7#
68	8.9	6.2	9.2

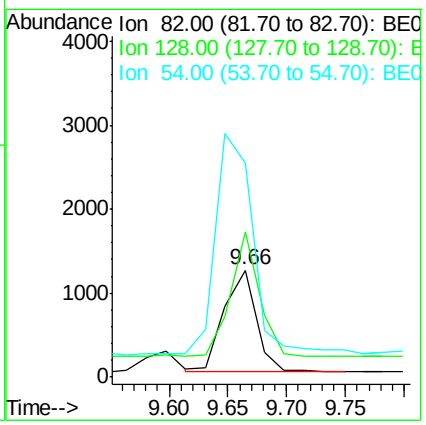


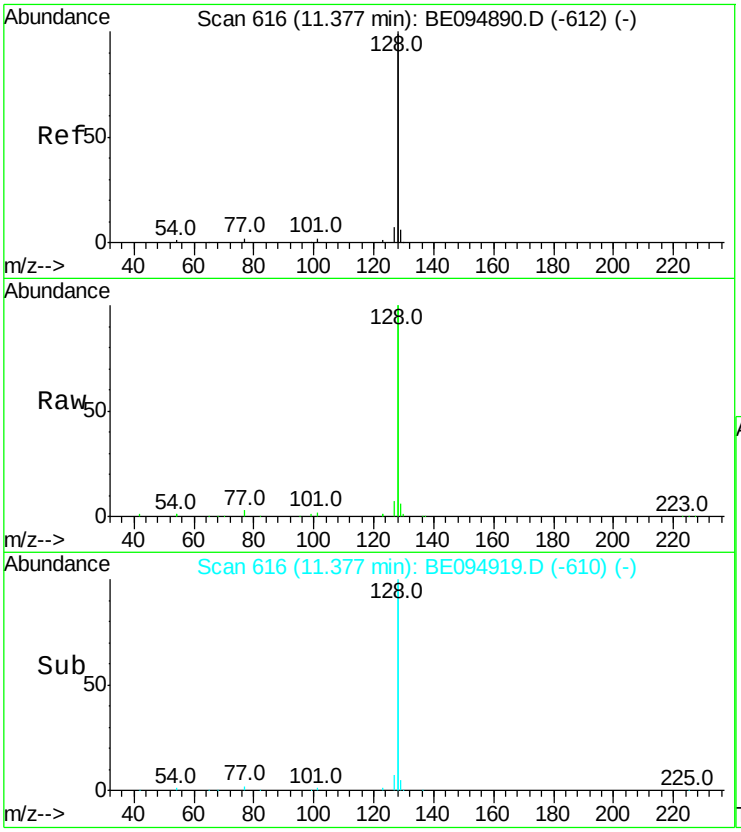


#8
Nitrobenzene-d5
Concen: 0.223 ng m
RT: 9.66 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion: 82 Resp: 2333

Ion	Ratio	Lower	Upper
82	100		
128	68.0	150.0	225.0#
54	100.6	154.2	231.4#



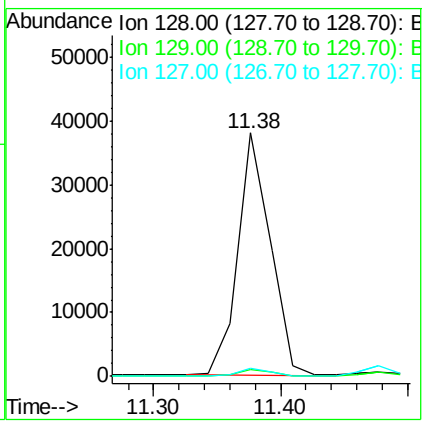


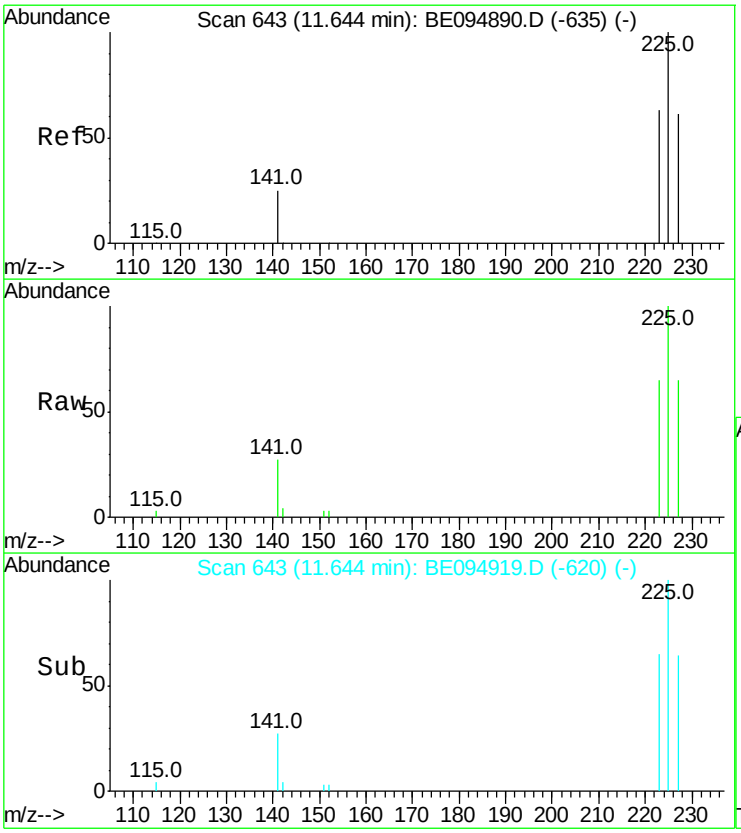
#9
Naphthalene
Concen: 0.328 ng
RT: 11.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:128 Resp: 67996

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

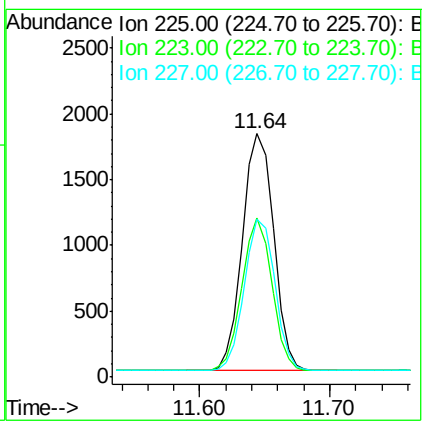


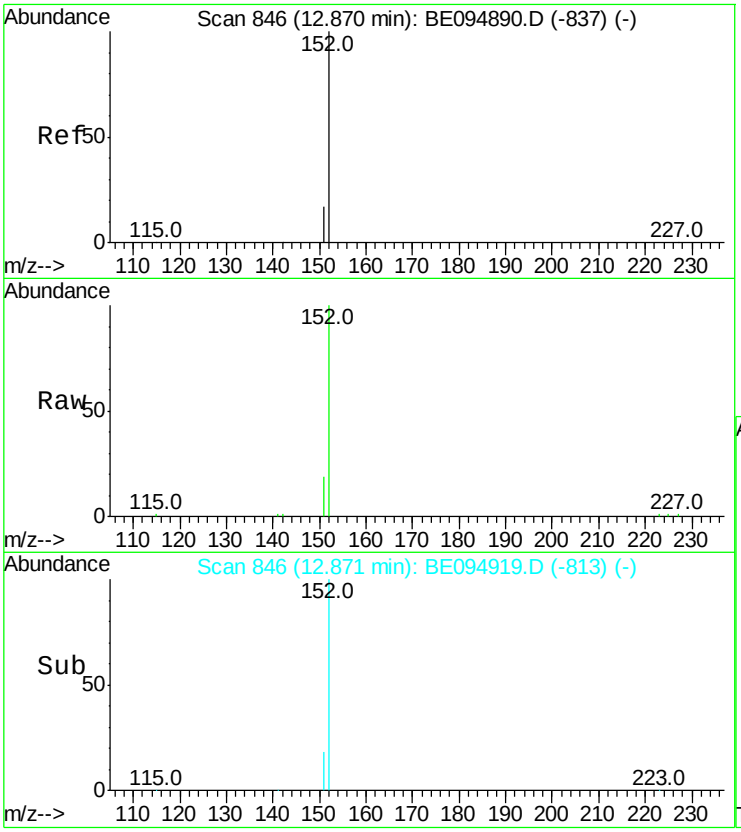


#10
Hexachlorobutadiene
Concen: 0.343 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:225 Resp: 2994

Ion	Ratio	Lower	Upper
225	100		
223	61.6	53.0	79.6
227	62.8	51.4	77.2



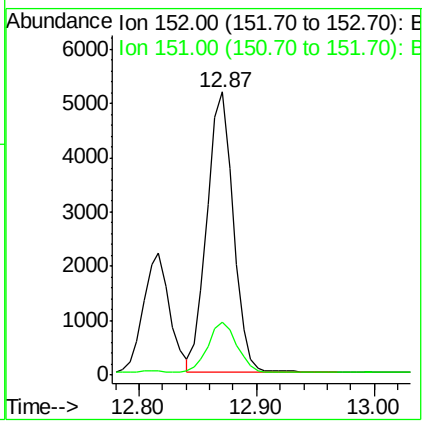


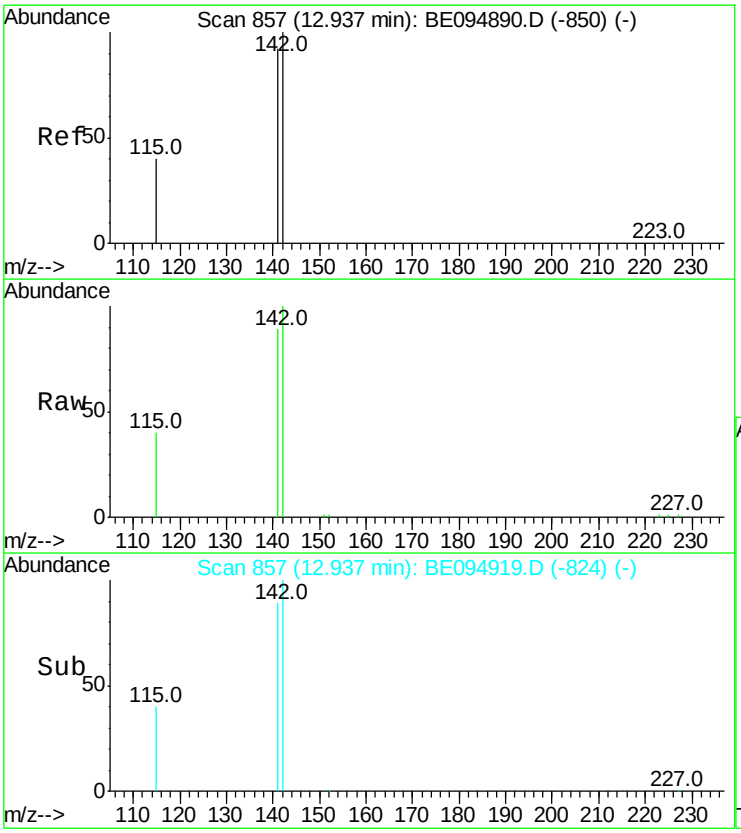
#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:152 Resp: 7936

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

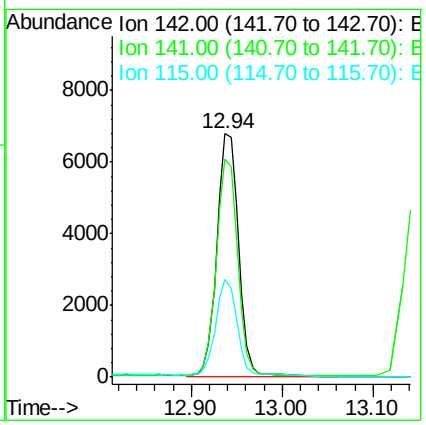


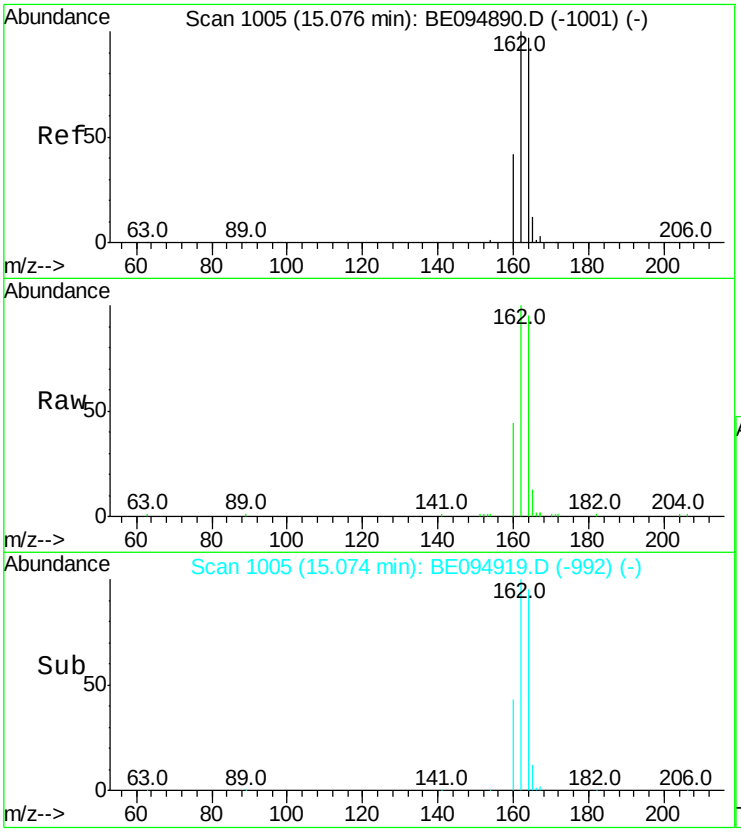


#12
2-Methylnaphthalene
Concen: 0.313 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:142 Resp: 16126

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.4	105.6
115	40.3	31.7	47.5



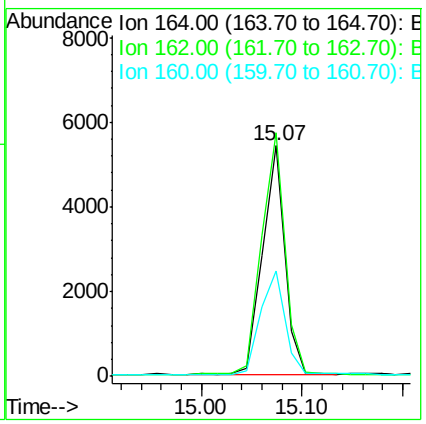


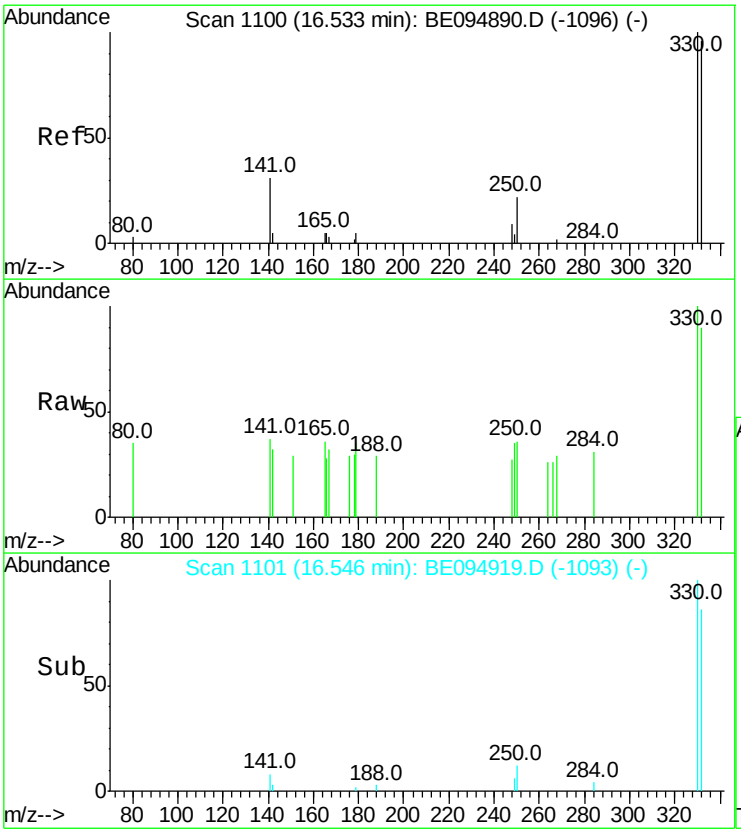
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.07 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:164 Resp: 8361

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.1	124.7
160	45.9	37.1	55.7

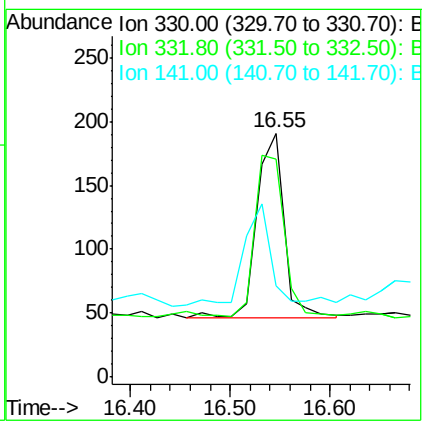


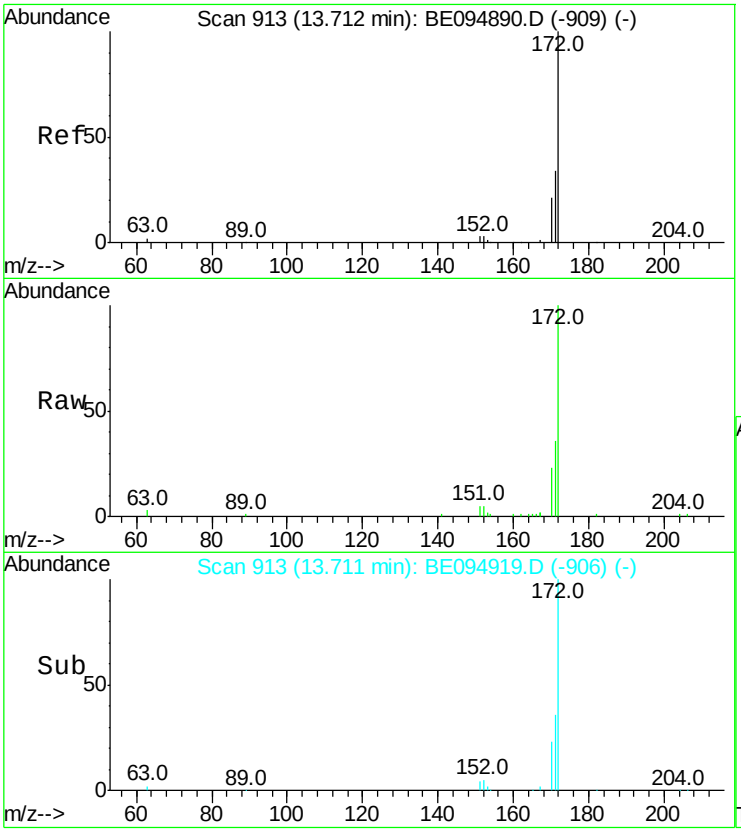


#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 16.55 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:330 Resp: 278

Ion	Ratio	Lower	Upper
330	100		
332	92.4	152.7	229.1#
141	52.5	33.7	50.5#



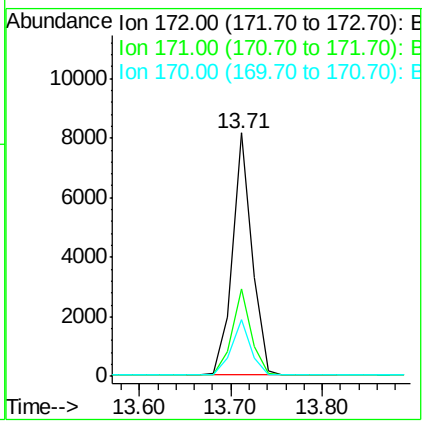


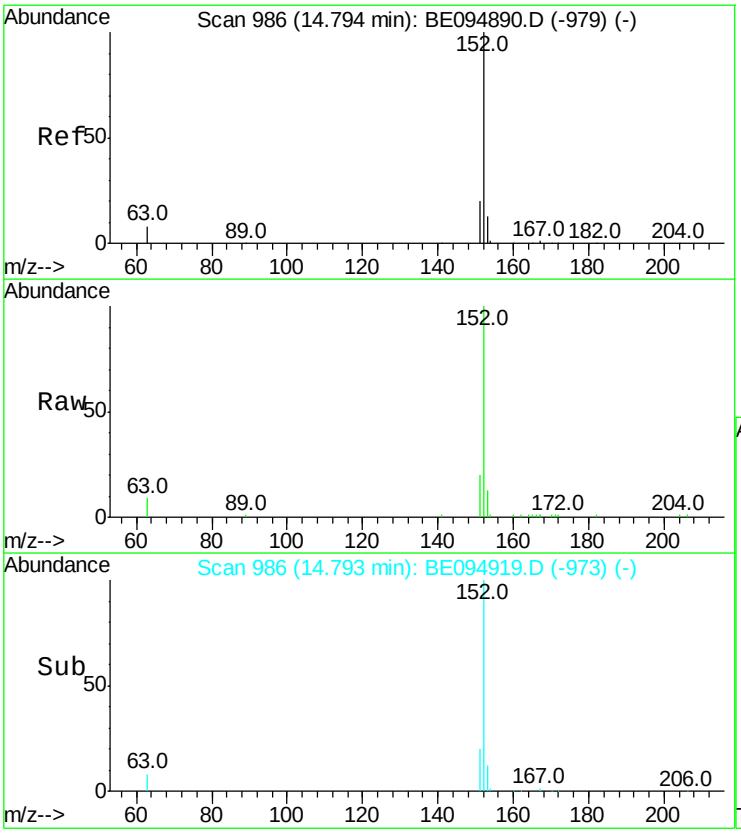
#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:172 Resp: 12056

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	23.1	21.8	32.8

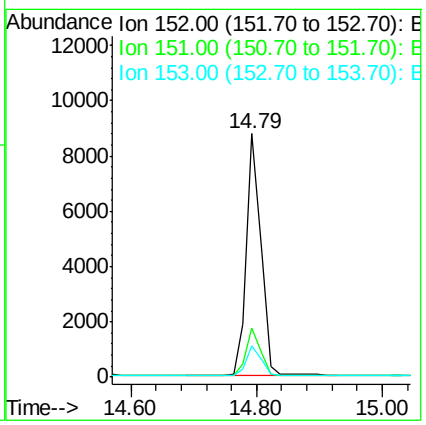


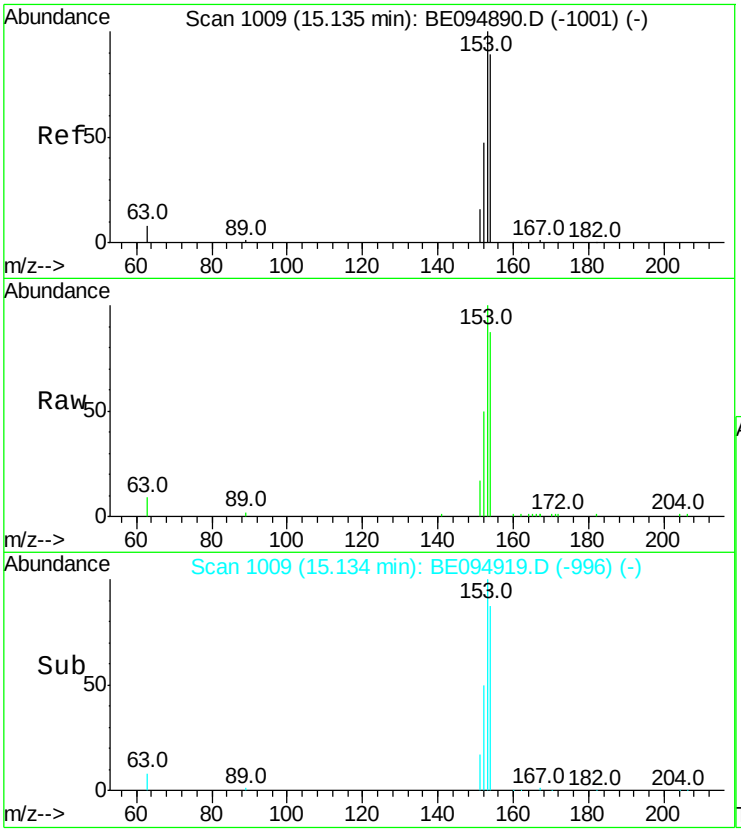


#16
Acenaphthylene
Concen: 0.295 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:152 Resp: 13921

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.6	10.5	15.7



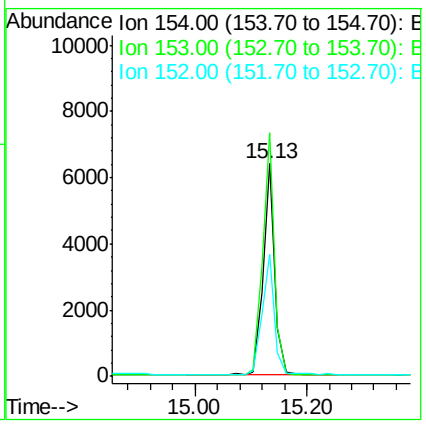


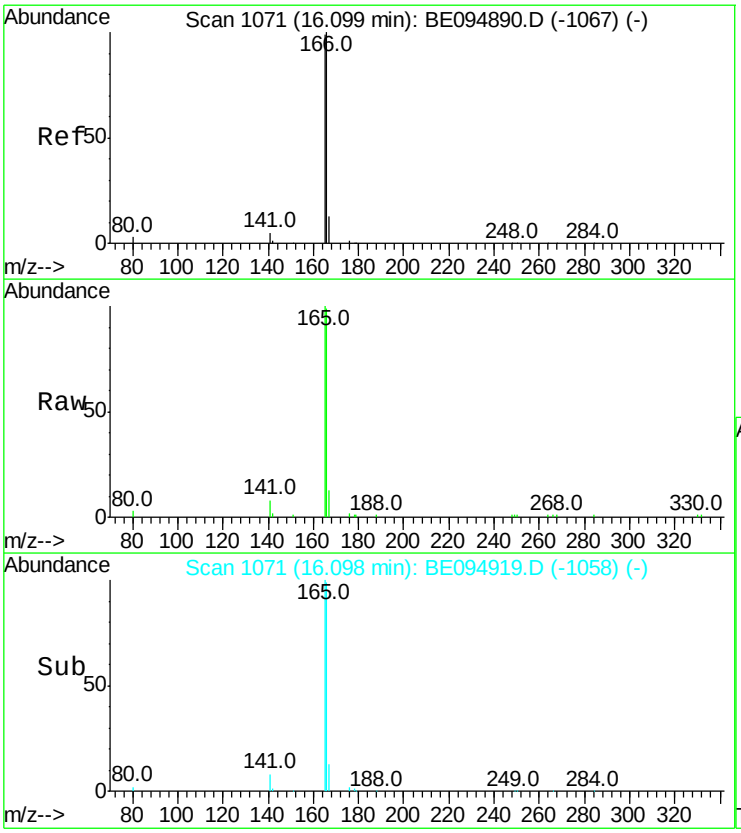
#17
Acenaphthene
Concen: 0.306 ng
RT: 15.13 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:154 Resp: 9349

Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.2	133.8
152	59.7	42.0	63.0

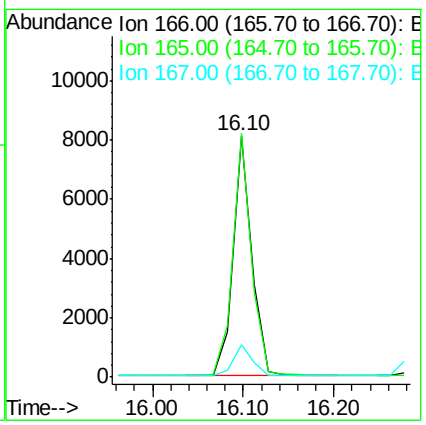


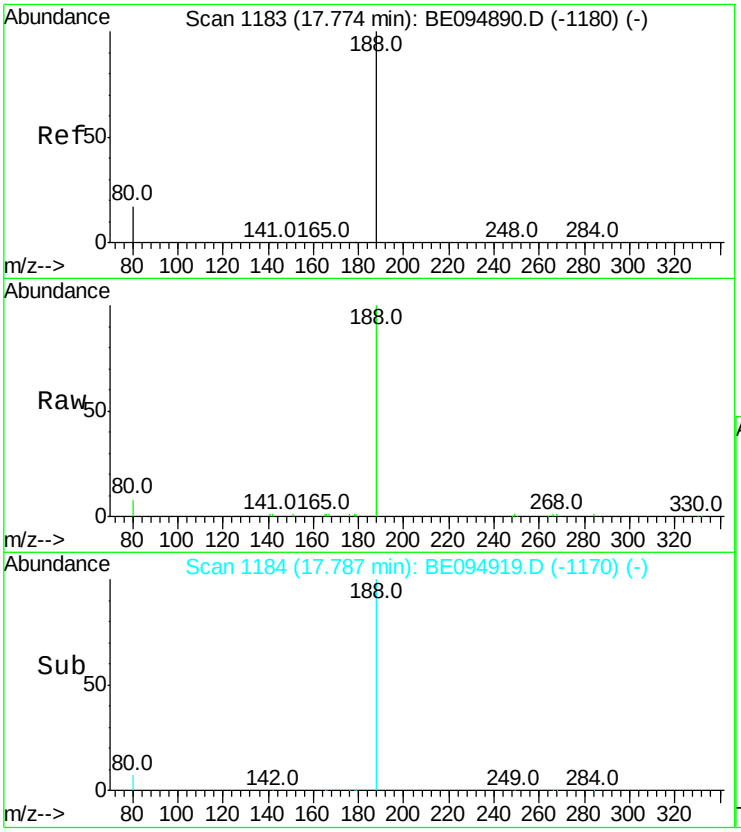


#18
Fluorene
Concen: 0.298 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:166 Resp: 11559

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.6
167	13.3	42.4	63.6#



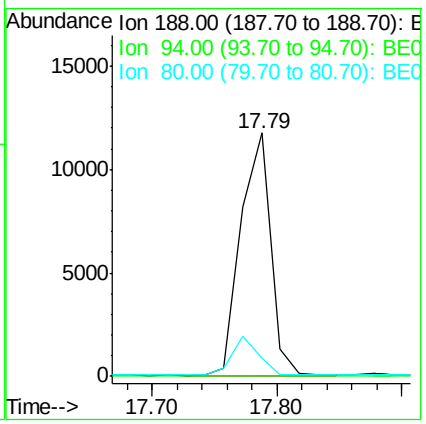


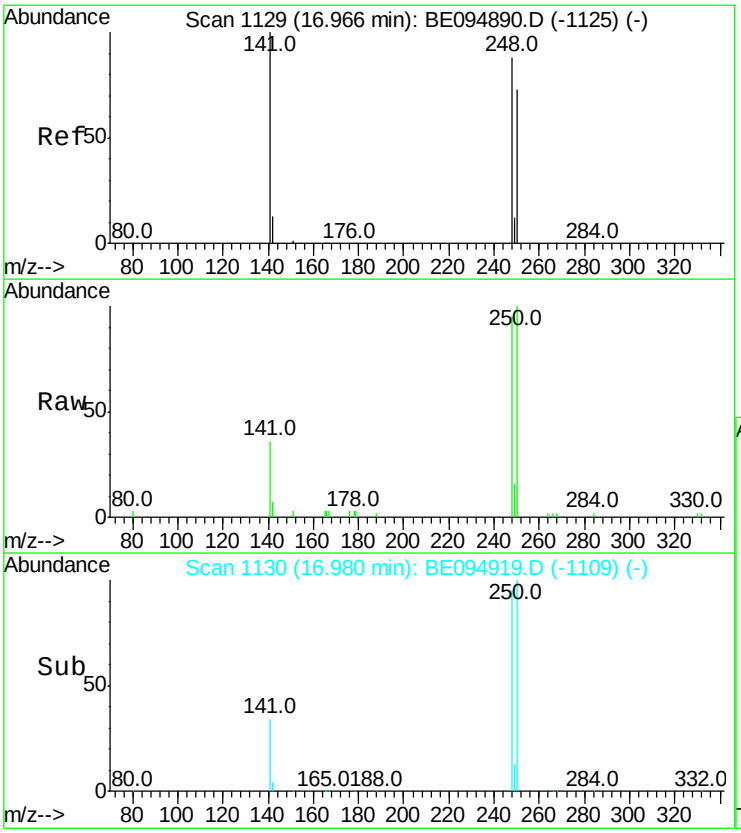
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.79 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:188 Resp: 19410

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.6	3.6	5.4#

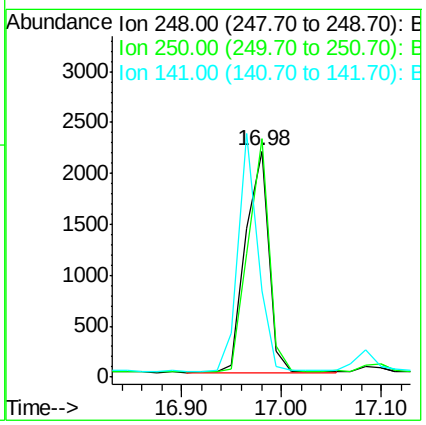


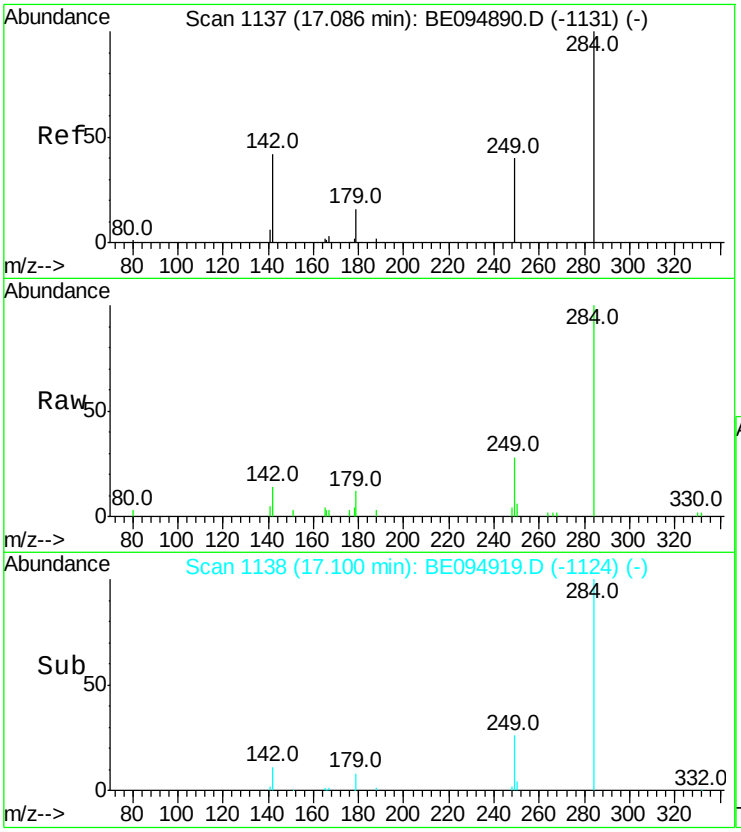


#20
4-Bromophenyl-phenylether
Concen: 0.323 ng
RT: 16.98 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:248 Resp: 3494

Ion	Ratio	Lower	Upper
248	100		
250	105.4	62.7	94.1#
141	38.0	48.2	72.2#



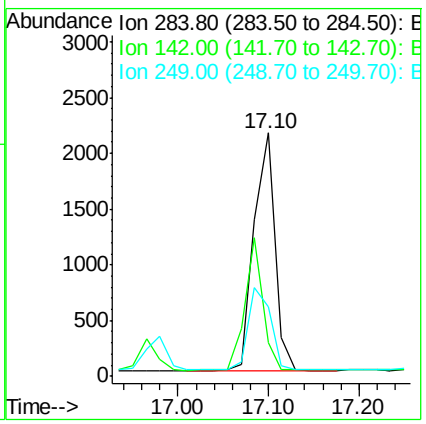


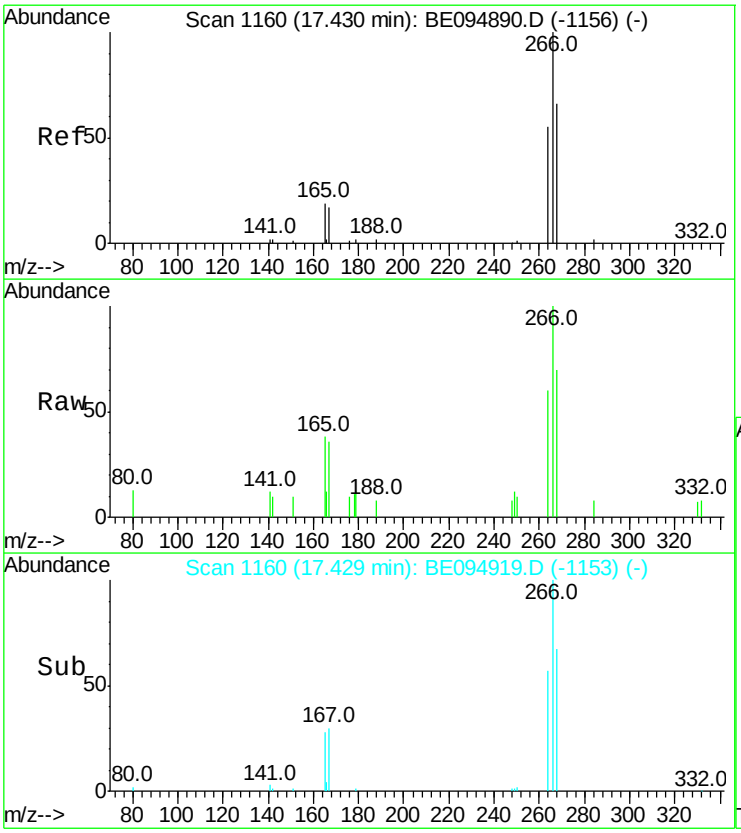
#21
Hexachlorobenzene
Concen: 0.329 ng
RT: 17.10 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:284 Resp: 3476

Ion	Ratio	Lower	Upper
284	100		
142	47.8	22.1	33.1#
249	37.6	34.8	52.2

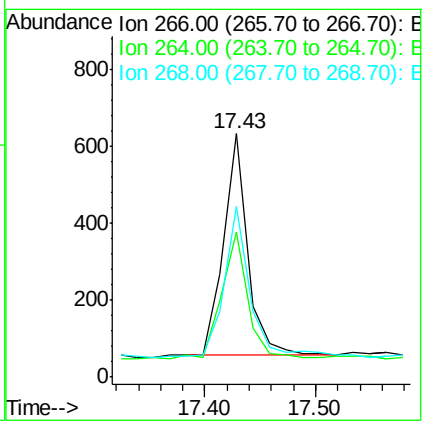


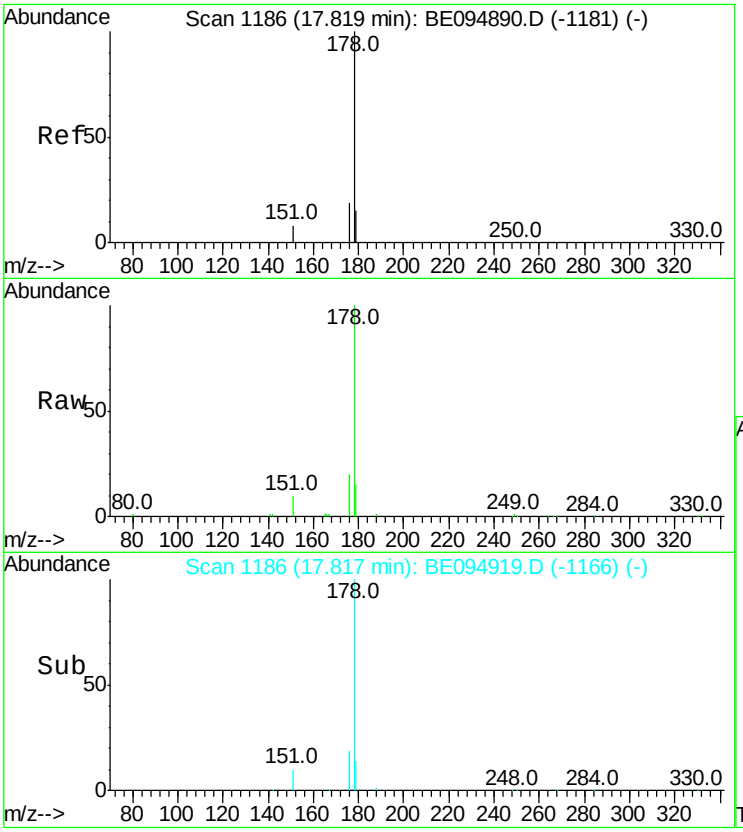


#22
Pentachlorophenol
Concen: 0.384 ng
RT: 17.43 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:266 Resp: 876

Ion	Ratio	Lower	Upper
266	100		
264	59.8	72.5	108.7#
268	70.1	73.8	110.6#



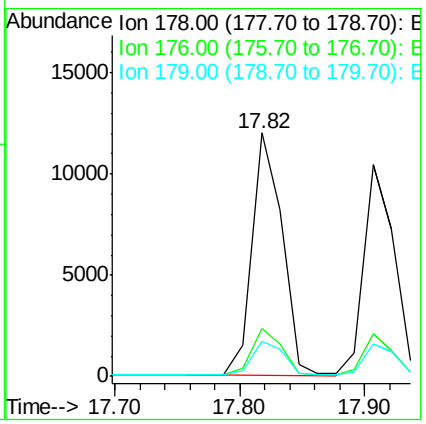


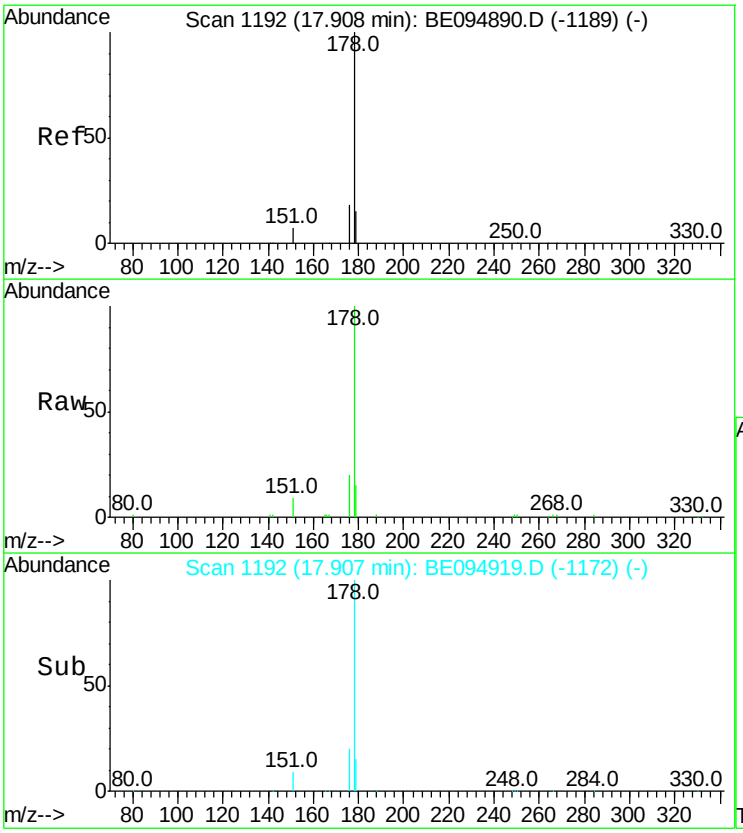
#23
Phenanthrene
Concen: 0.324 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:178 Resp: 20052

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.0	11.8	17.6

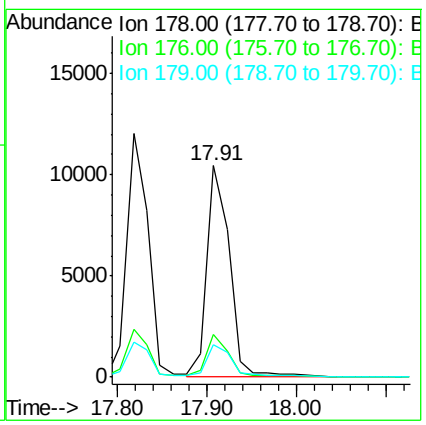


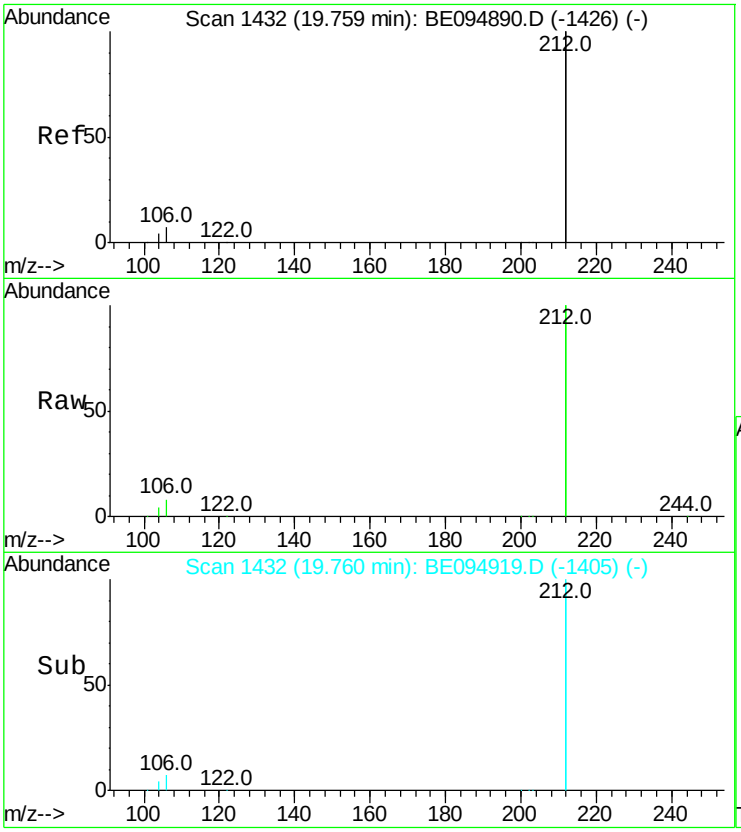


#24
Anthracene
Concen: 0.311 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:178 Resp: 20427

Ion	Ratio	Lower	Upper
178	100		
176	21.0	12.8	19.2#
179	18.5	13.0	19.6



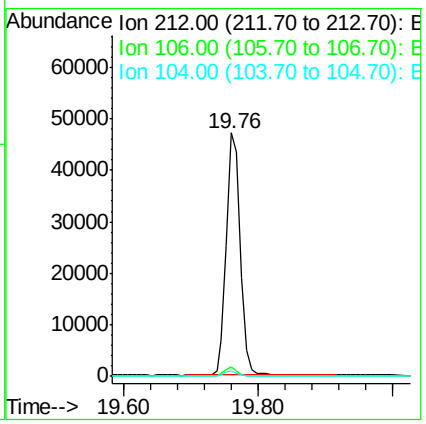


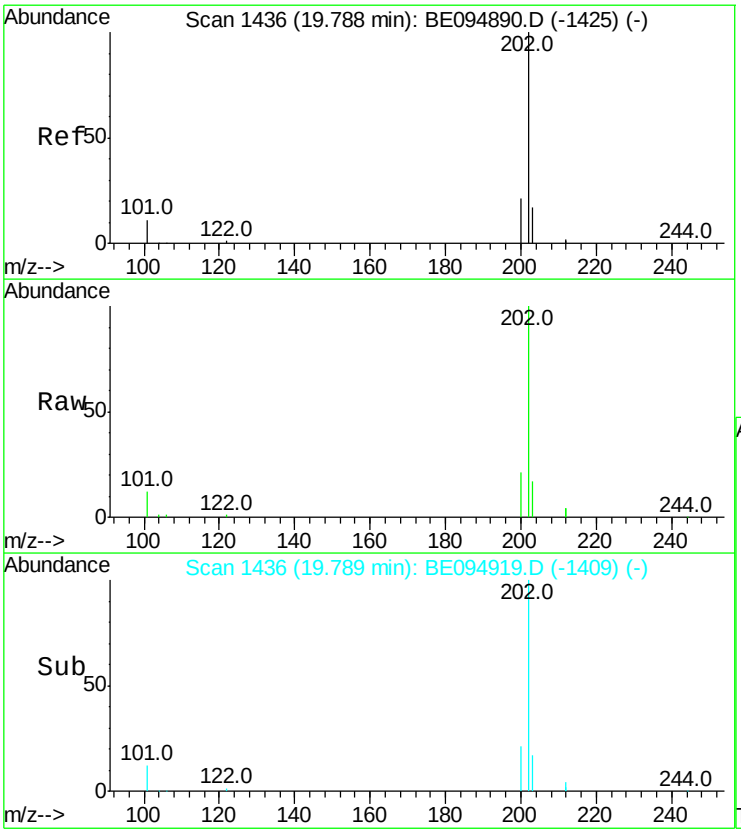
#25
Fluoranthene-d10
Concen: 0.252 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:212 Resp: 66718

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4

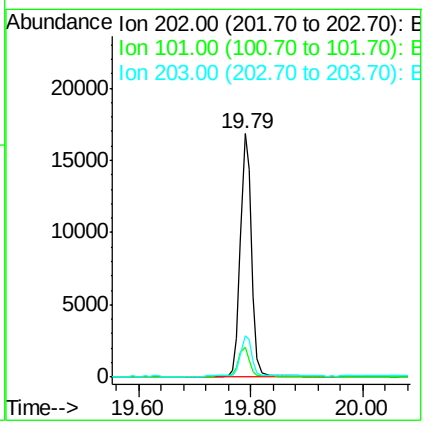


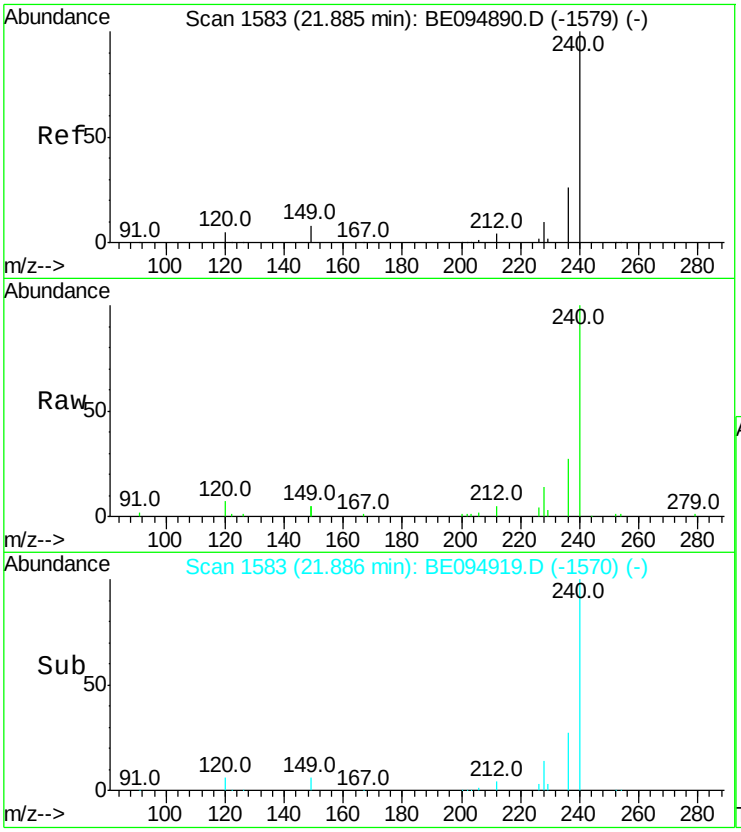


#26
Fluoranthene
Concen: 0.286 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:202 Resp: 22739

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
203	17.0	13.7	20.5



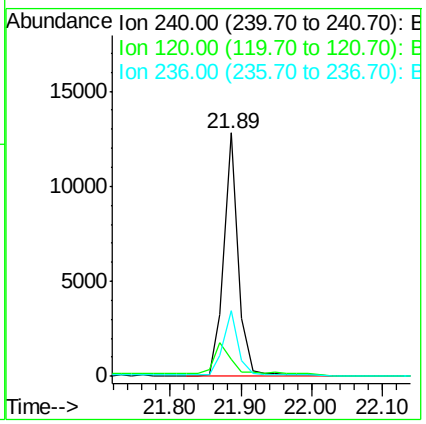


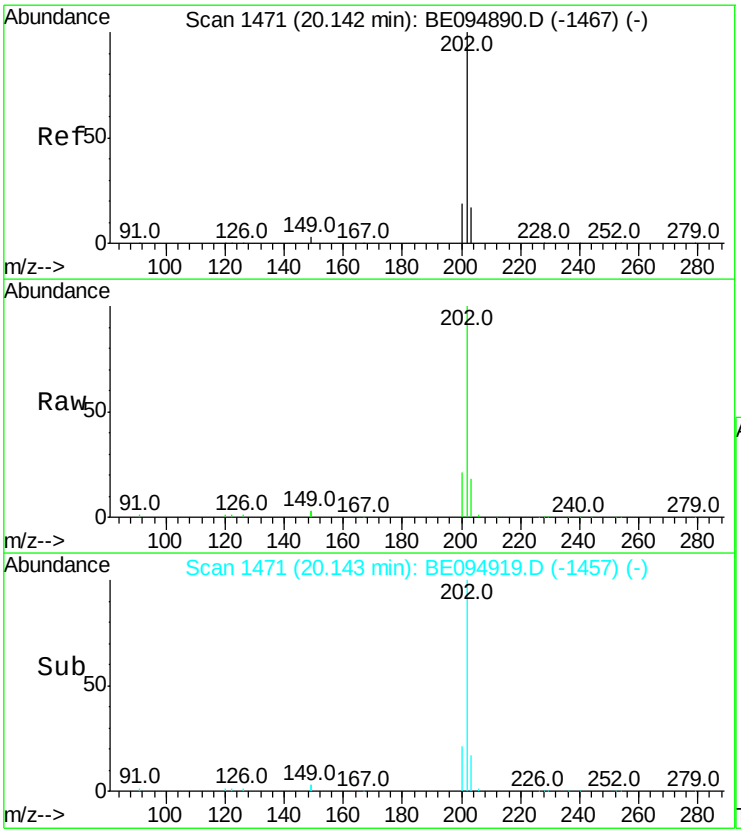
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:240 Resp: 19645

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.5	8.3
236	27.1	20.7	31.1

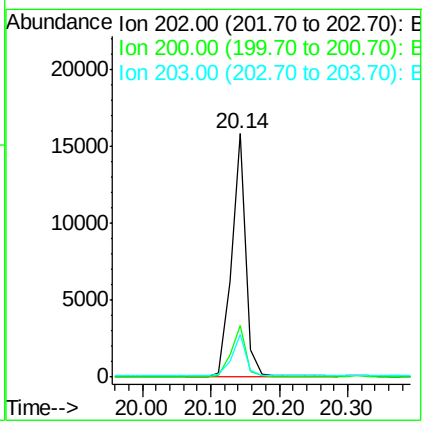


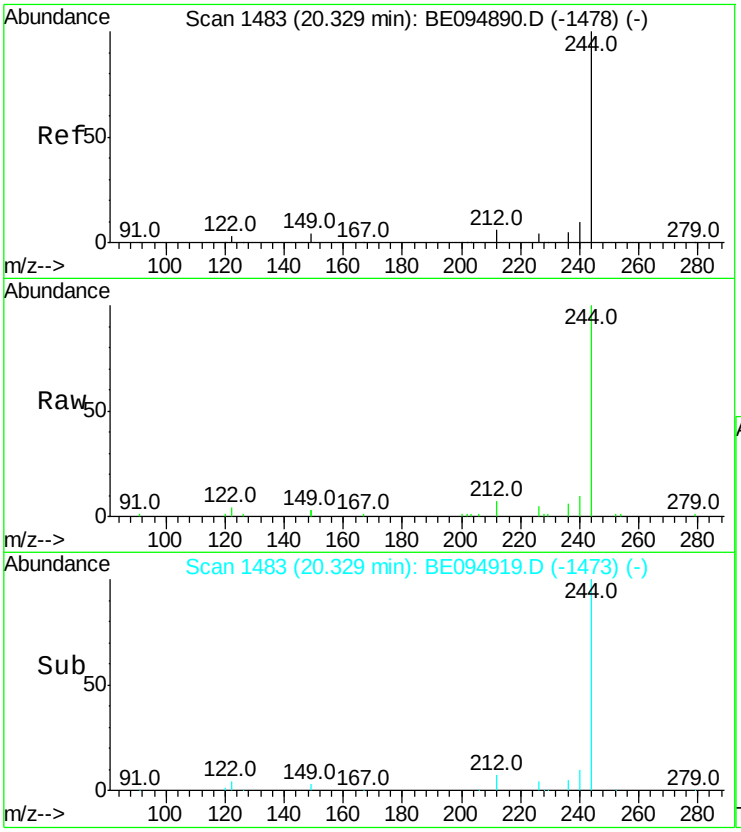


#28
Pyrene
Concen: 0.334 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:202 Resp: 22656

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	25.0
203	17.7	13.8	20.8



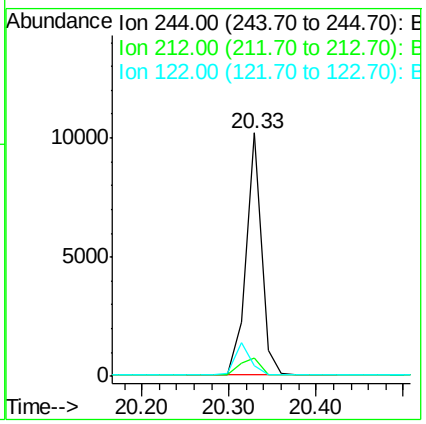


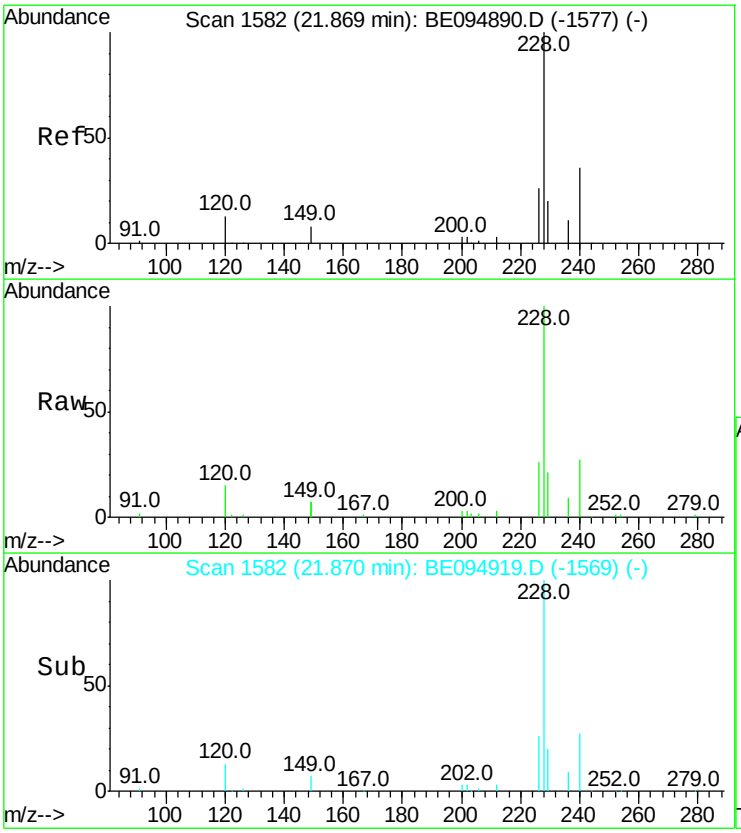
#29
Terphenyl-d14
Concen: 0.351 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:244 Resp: 12717

Ion	Ratio	Lower	Upper
244	100		
212	7.3	25.4	38.0#
122	4.3	8.1	12.1#

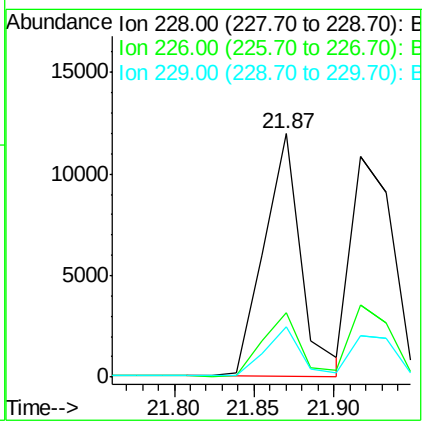


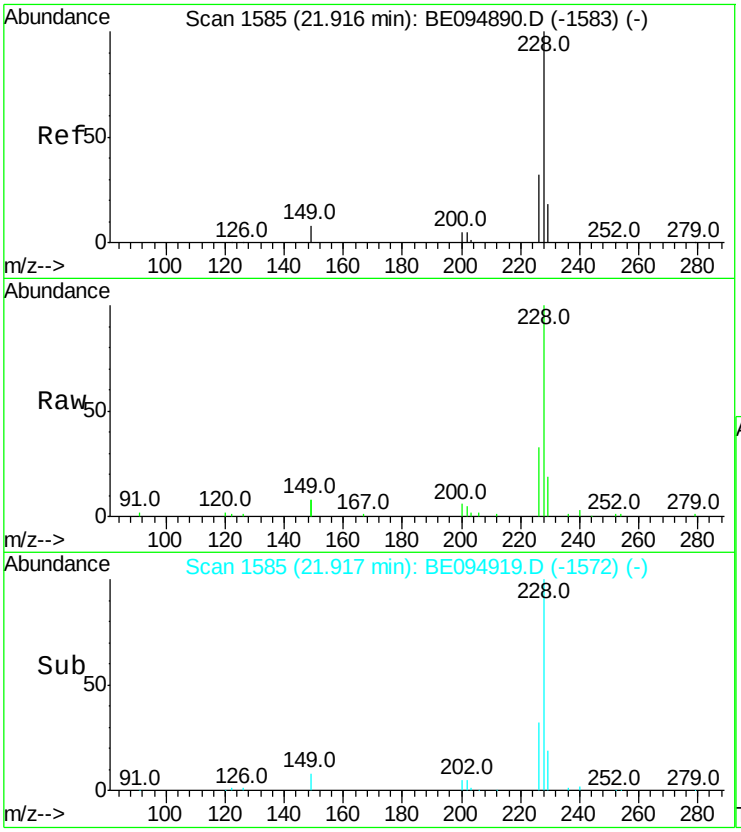


#30
Benzo(a)anthracene
Concen: 0.321 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:228 Resp: 19367

Ion	Ratio	Lower	Upper
228	100		
226	26.3	40.0	60.0#
229	20.5	40.0	60.0#



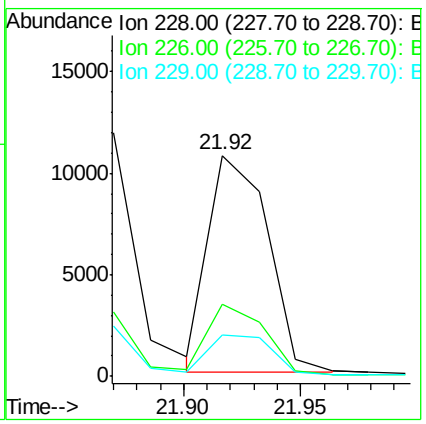


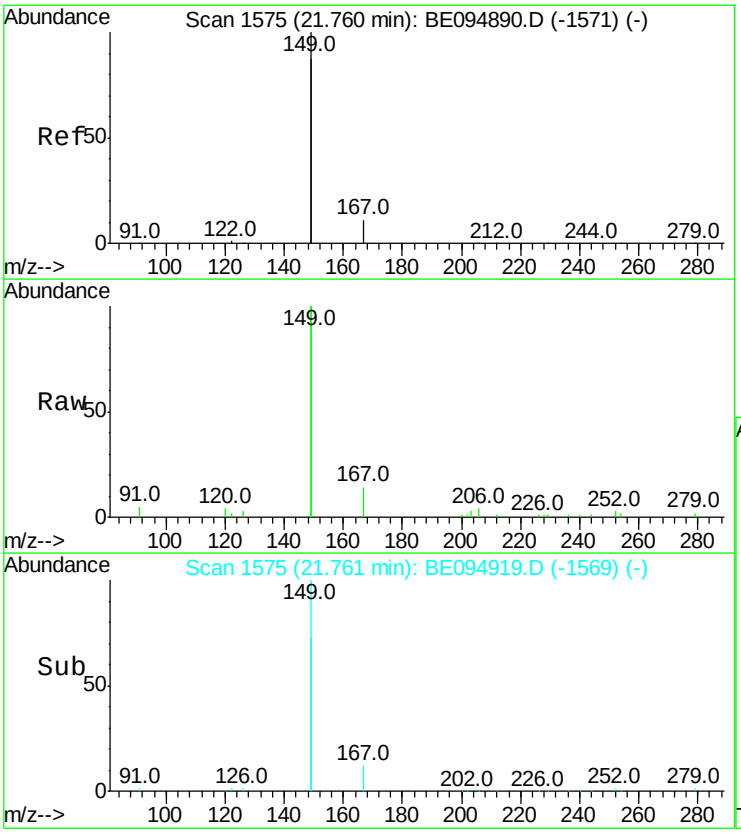
#31
Chrysene
Concen: 0.283 ng m
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:228 Resp: 18819

Ion	Ratio	Lower	Upper
228	100		
226	32.7	40.0	60.0#
229	19.0	40.0	60.0#

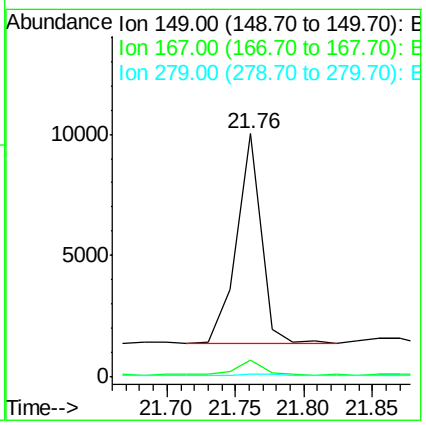


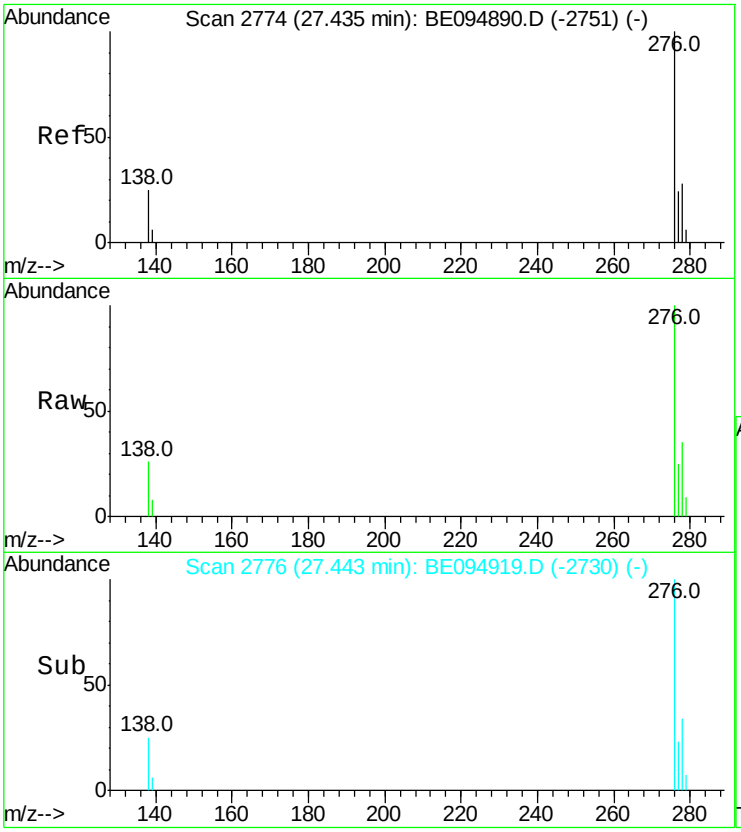


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.110 ng
RT: 21.76 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:149 Resp: 10962

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.3	0.7	1.1#



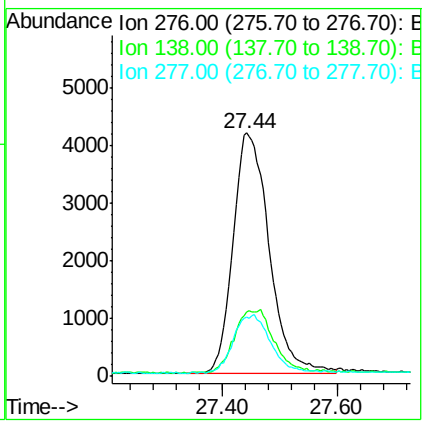


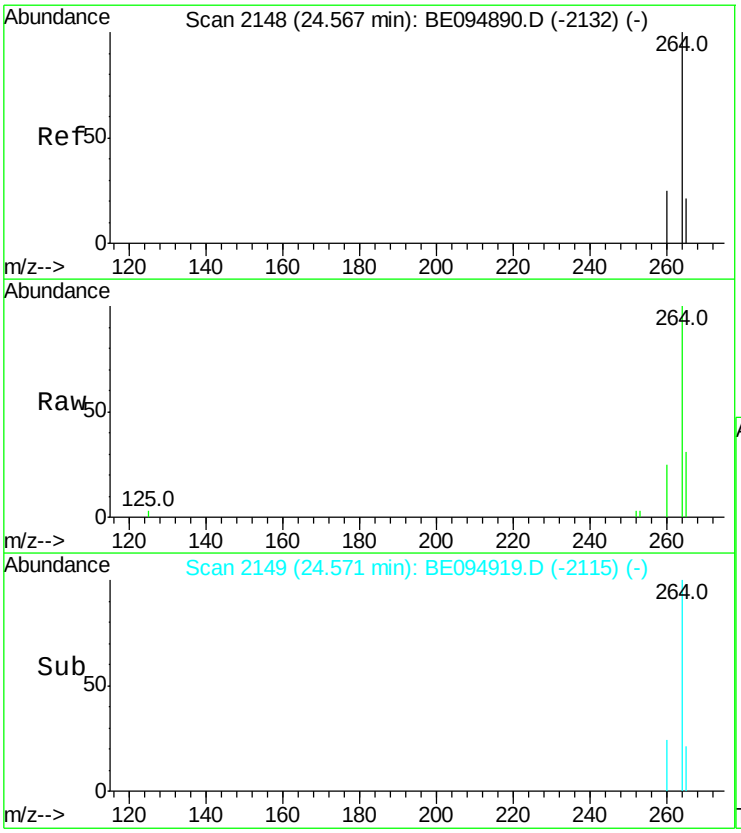
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng
RT: 27.44 min Scan# 2776
Delta R.T. 0.01 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:276 Resp: 18141

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.5	33.7#
277	0.0	19.9	29.9#

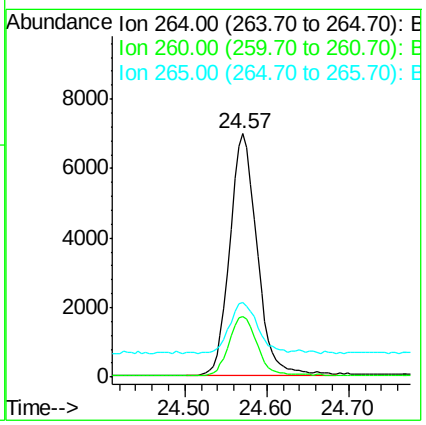


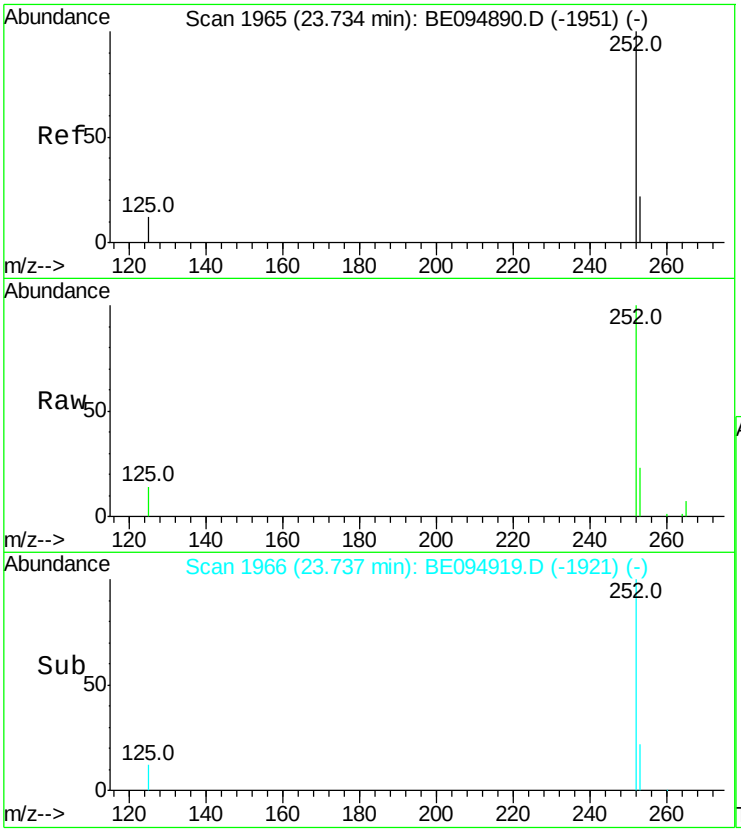


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:264 Resp: 15987

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	30.8	22.8	34.2



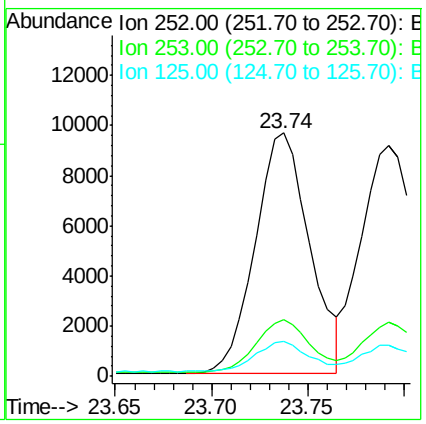


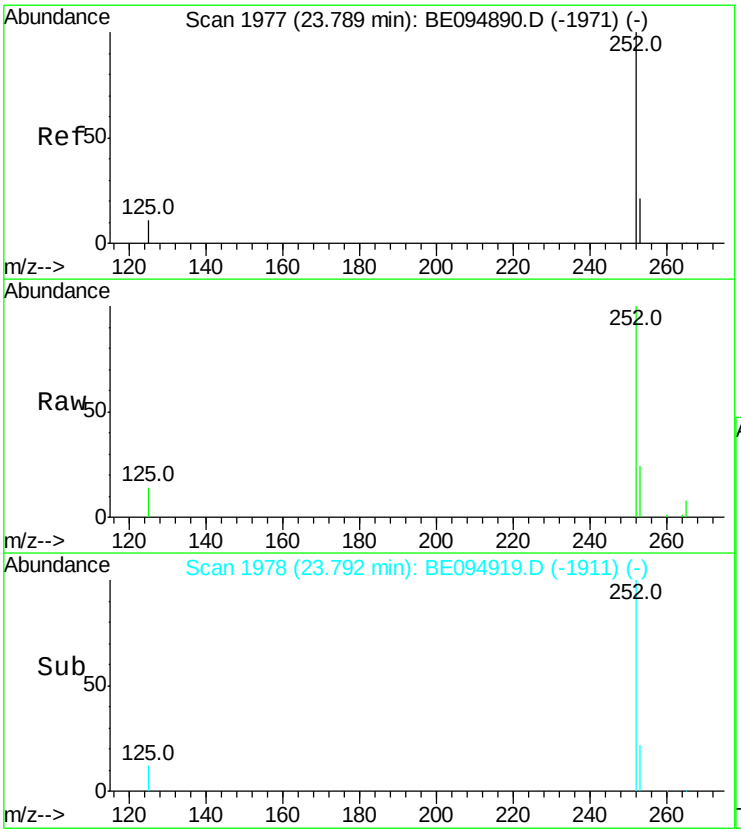
#35
Benzo(b)fluoranthene
Concen: 0.322 ng
RT: 23.74 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:252 Resp: 18784

Ion	Ratio	Lower	Upper
252	100		
253	23.3	48.0	72.0#
125	14.4	56.0	84.0#

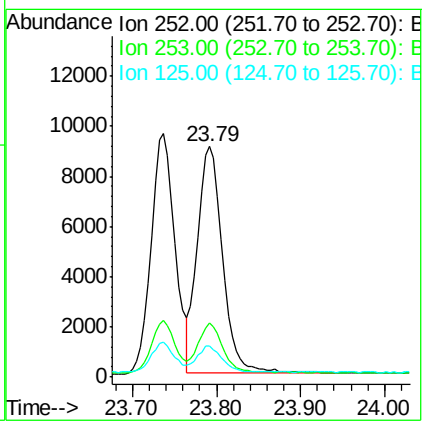


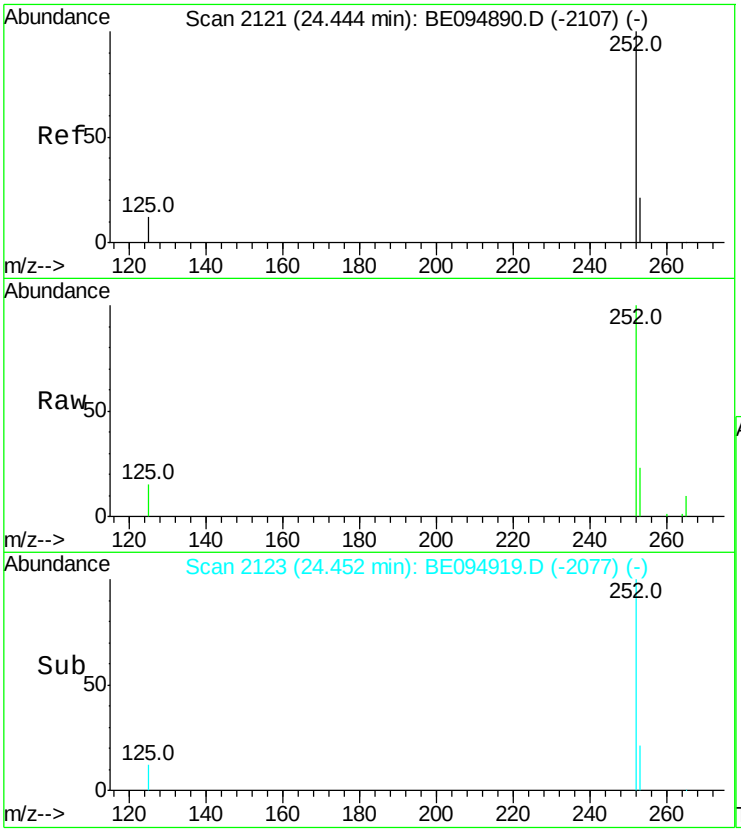


#36
Benzo(k)fluoranthene
Concen: 0.318 ng
RT: 23.79 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:252 Resp: 18893

Ion	Ratio	Lower	Upper
252	100		
253	23.8	48.0	72.0#
125	13.5	56.0	84.0#



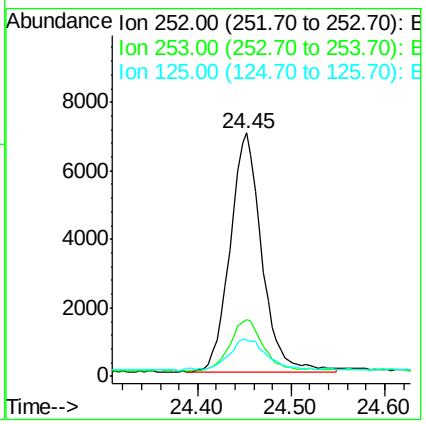


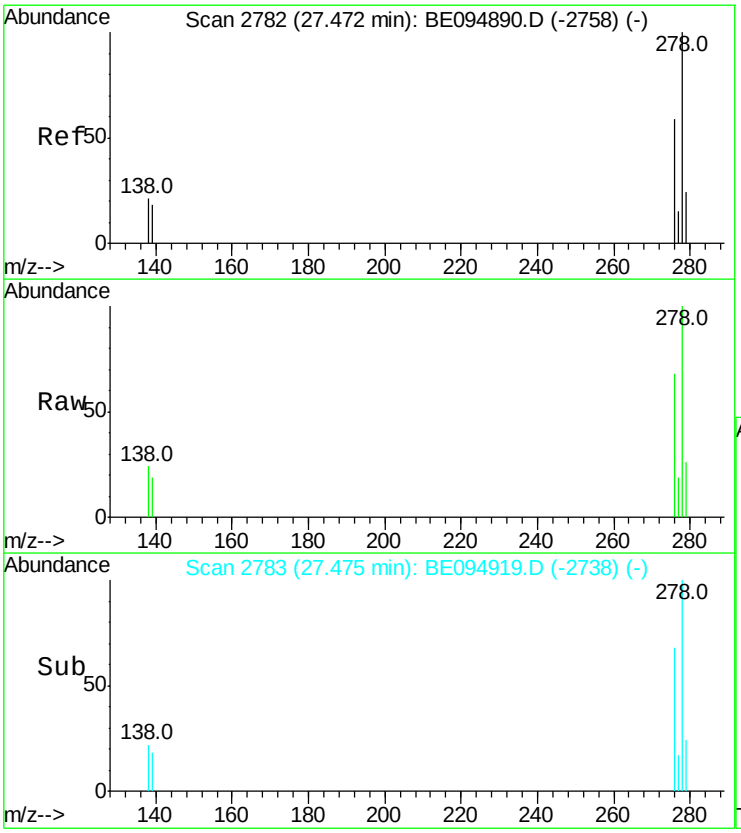
#37
Benzo(a)pyrene
Concen: 0.319 ng
RT: 24.45 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:252 Resp: 16318

Ion	Ratio	Lower	Upper
252	100		
253	23.3	52.0	78.0#
125	15.1	68.0	102.0#

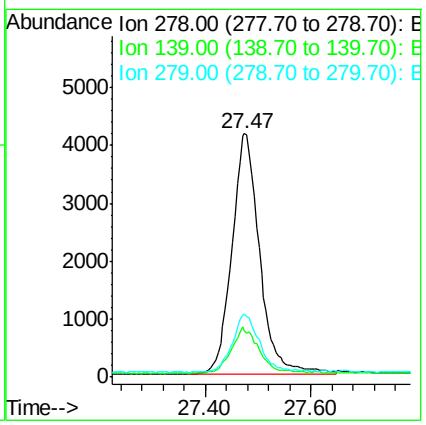


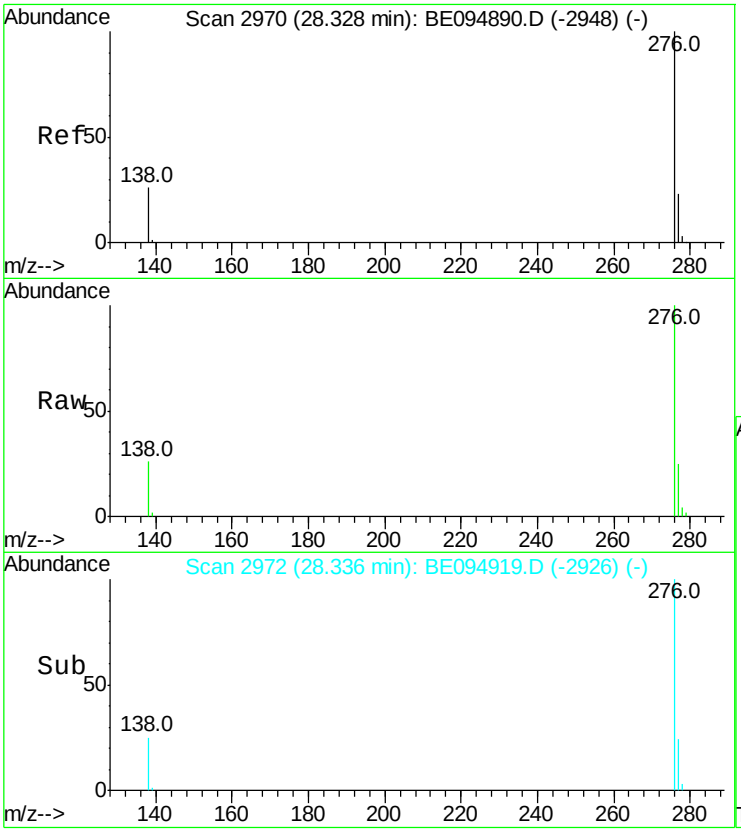


#38
Dibenzo(a,h)anthracene
Concen: 0.322 ng
RT: 27.47 min Scan# 2783
Delta R.T. 0.00 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Tgt Ion:278 Resp: 15199

Ion	Ratio	Lower	Upper
278	100		
139	19.3	56.0	84.0#
279	25.9	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.346 ng
RT: 28.34 min Scan# 2972
Delta R.T. 0.01 min
Lab File: BE094919.D
Acq: 5 Dec 2017 17:52

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:276 Resp: 16331

Ion	Ratio	Lower	Upper
276	100		
277	24.9	52.0	78.0#
138	26.5	44.0	66.0#