Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
Data File : BE094903.D
Acq On : 1 Dec 2017 13:44
Operator : SJ/JU
Sample : PB104097BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB104097BS

Quant Time: Dec 01 14:38:16 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	8.48	152	8409	0.40	ng		-0.01
7) Naphthalene-d8	11.33	136	18488	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	9293	0.40	ng		-0.01
19) Phenanthrene-d10	17.77	188	21322	0.40	ng		0.00
27) Chrysene-d12	21.88	240	21758	0.40	ng		0.00
34) Perylene-d12	24.56	264	17640	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.96	112	3192	0.24	ng		0.00
5) Phenol-d6	7.59	99	4586	0.23	ng		0.00
8) Nitrobenzene-d5	9.65	82	2946	0.27	ng		-0.02
11) 2-Methylnaphthalene-d10	12.86	152	6562	0.22	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	320	0.24	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	9779	0.25	ng		0.00
25) Fluoranthene-d10	19.75	212	60822	0.21	ng		0.00
29) Terphenyl-d14	20.33	244	11397	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	1765	0.201	ng	#	1
3) n-Nitrosodimethylamine	4.02	42	2959	0.264	ng	#	79
6) bis(2-Chloroethyl)ether	7.87	93	4966	0.254	ng		98
9) Naphthalene	11.38	128	54422	0.251	ng		99
10) Hexachlorobutadiene	11.64	225	2366	0.259	ng		97
12) 2-Methylnaphthalene	12.94	142	13575	0.252	ng		100
16) Acenaphthylene	14.79	152	12097	0.230	ng		98
17) Acenaphthene	15.12	154	8092	0.238	ng		96
18) Fluorene	16.10	166	10151	0.235	ng	#	80
20) 4-Bromophenyl-phenylether	16.97	248	3097	0.260	ng	#	78
21) Hexachlorobenzene	17.09	284	3095	0.267	ng	#	80
22) Pentachlorophenol	17.41	266	1187	0.442	ng	#	68
23) Phenanthrene	17.82	178	16931	0.249	ng		98
24) Anthracene	17.91	178	18071	0.251	ng	#	91
26) Fluoranthene	19.78	202	19919	0.228	ng		99
28) Pyrene	20.13	202	22535	0.300	ng		99
30) Benzo(a)anthracene	21.85	228	16920	0.254	ng	#	62
31) Chrysene	21.92	228	18698	0.254	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.76	149	22111	0.200	ng		100
33) Indeno(1,2,3-cd)pyrene	27.43	276	16553	0.274	ng		99
35) Benzo(b)fluoranthene	23.73	252	16097	0.250	ng	#	42
36) Benzo(k)fluoranthene	23.78	252	15725	0.240	ng	#	41
37) Benzo(a)pyrene	24.43	252	14136	0.250	ng	#	35
38) Dibenzo(a,h)anthracene	27.46	278	13828	0.265	ng	#	42
39) Benzo(g,h,i)perylene	28.32	276	14384	0.276	ng	#	52

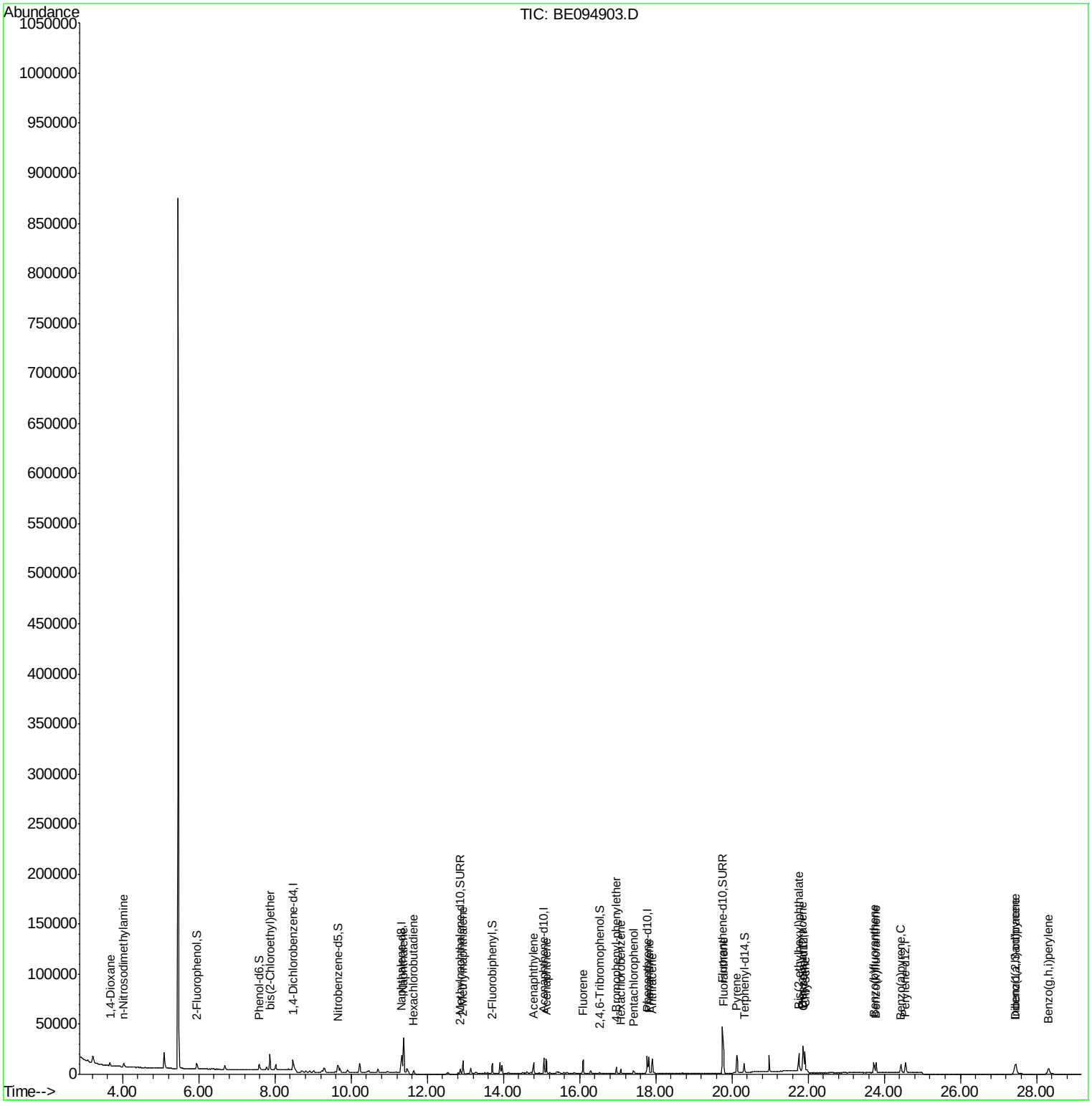
(#) = qualifier out of range (m) = manual integration (+) = signals summed

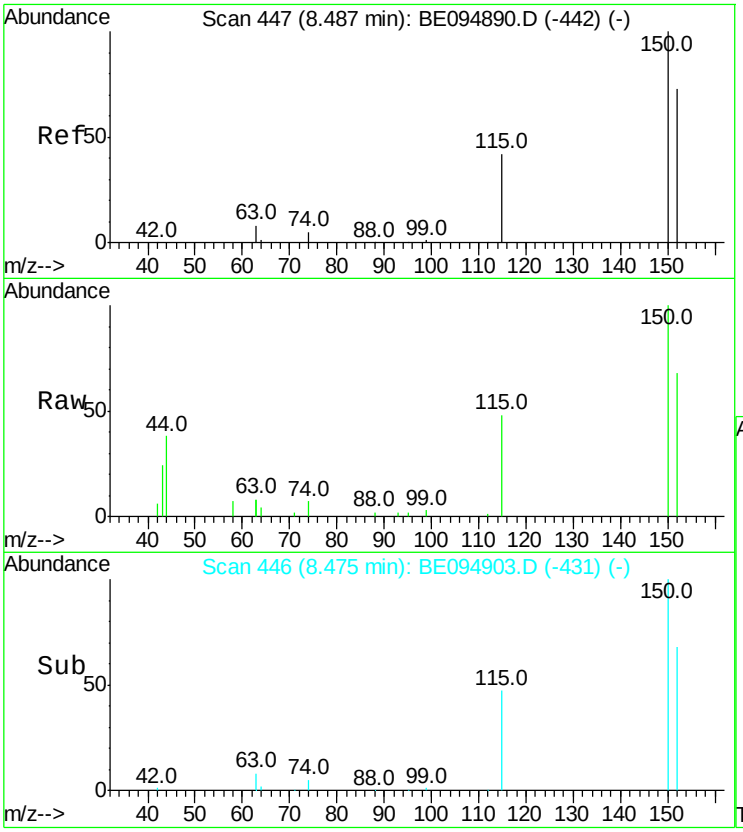
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
Data File : BE094903.D
Acq On : 1 Dec 2017 13:44
Operator : SJ/JU
Sample : PB104097BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Quant Time: Dec 01 14:38:16 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



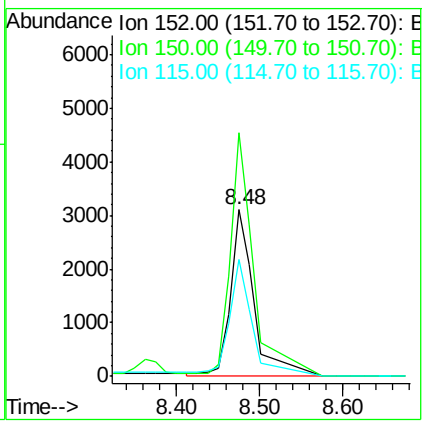


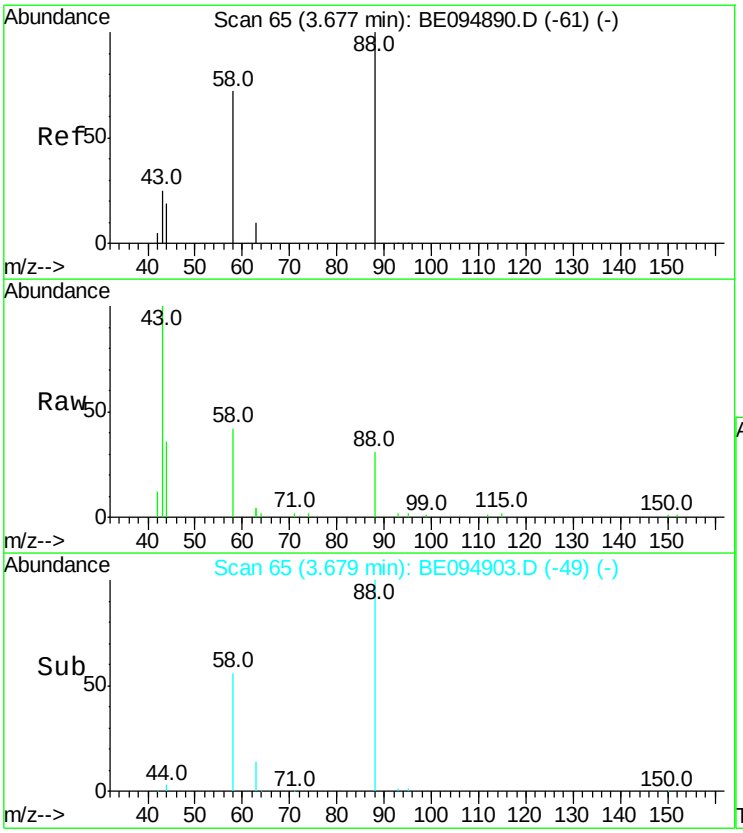
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 446
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:152 Resp: 8409

Ion	Ratio	Lower	Upper
152	100		
150	146.5	117.2	175.8
115	70.6	57.0	85.6

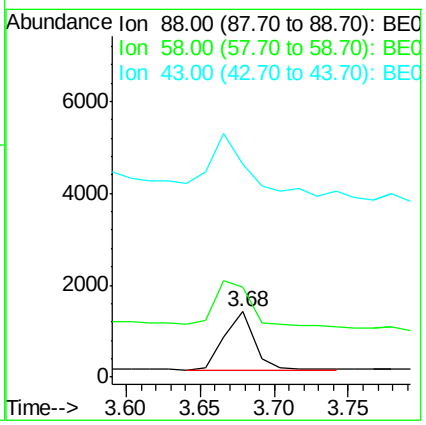


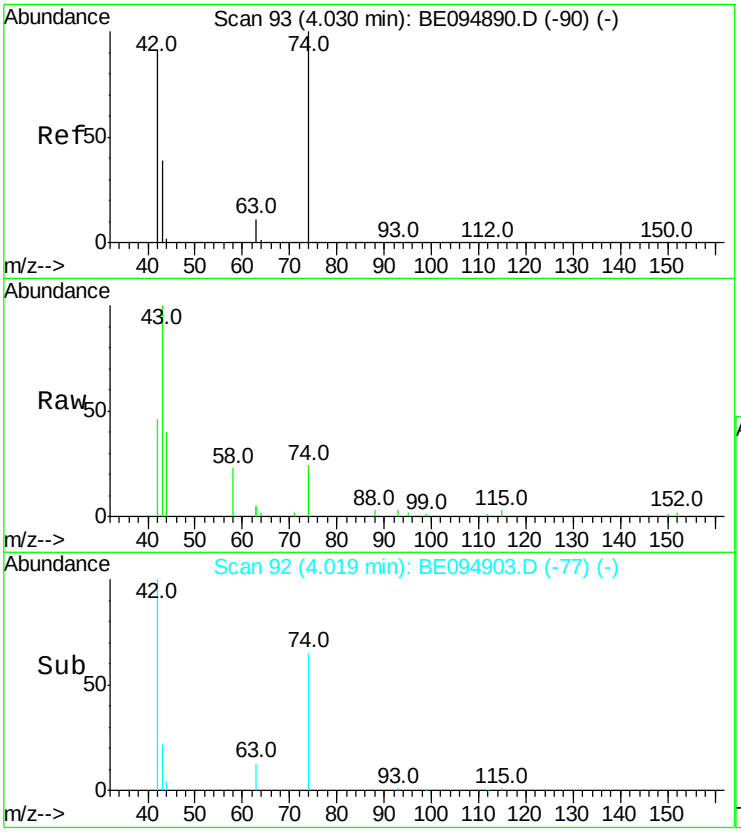


#2
1,4-Dioxane
Concen: 0.201 ng
RT: 3.68 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion: 88 Resp: 1765

Ion	Ratio	Lower	Upper
88	100		
58	127.6	63.2	94.8#
43	170.3	41.2	61.8#



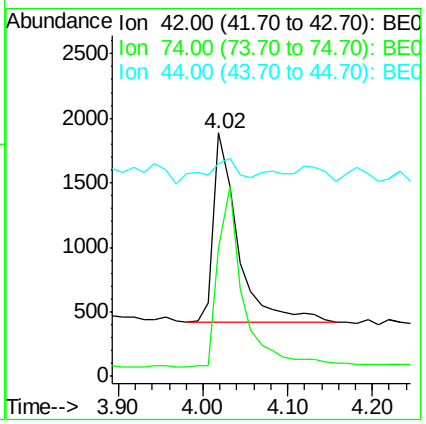


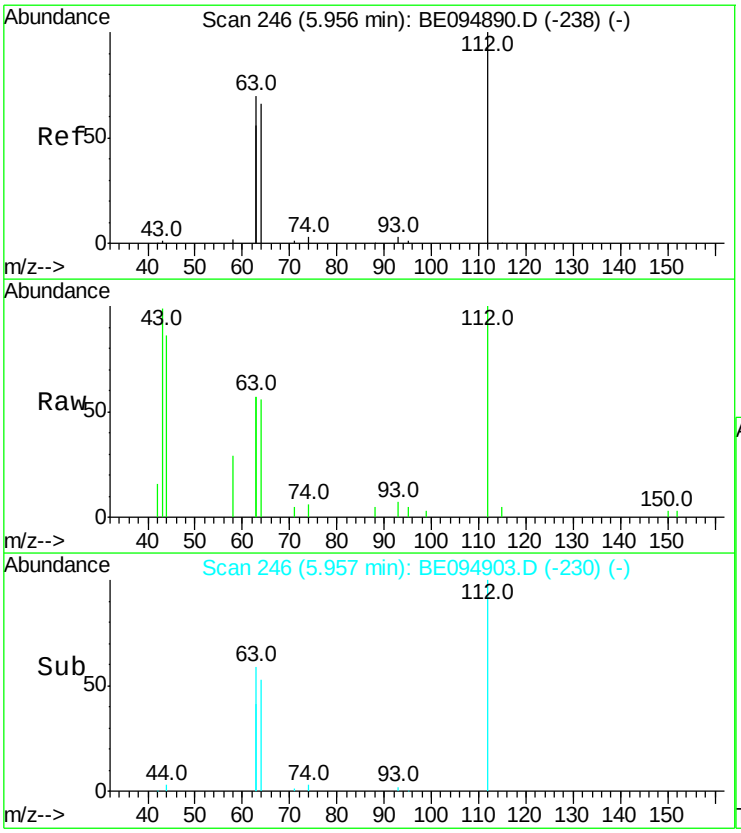
#3
n-Nitrosodimethylamine
Concen: 0.264 ng
RT: 4.02 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion: 42 Resp: 2959

Ion	Ratio	Lower	Upper
42	100		
74	99.6	100.3	150.5#
44	17.4	17.0	25.4

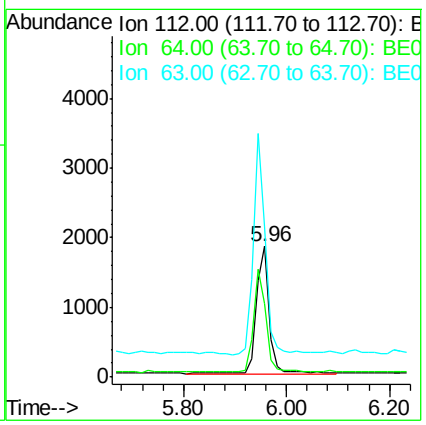


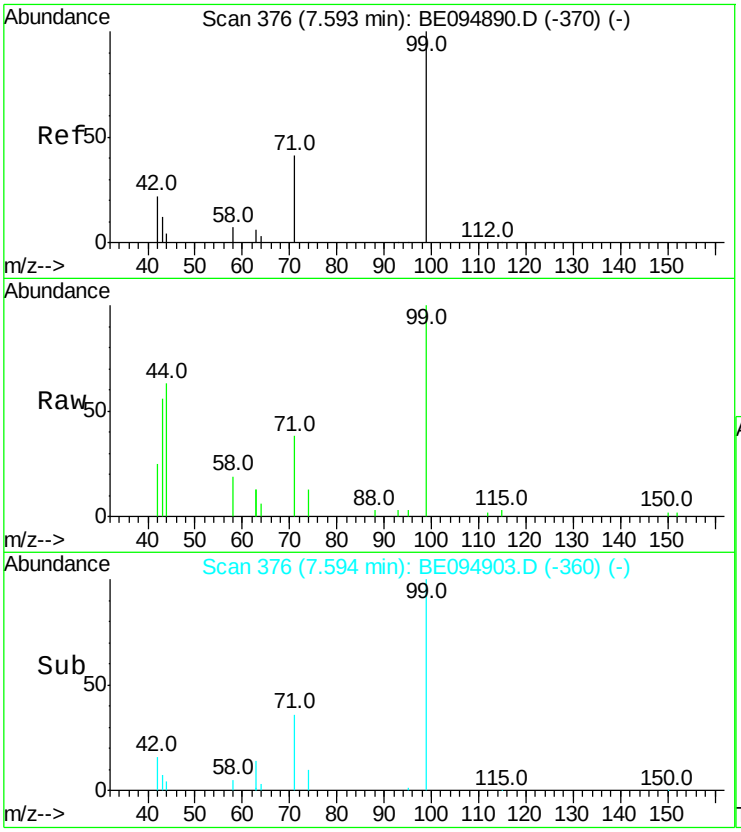


#4
2-Fluorophenol
Concen: 0.240 ng
RT: 5.96 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:112 Resp: 3192

Ion	Ratio	Lower	Upper
112	100		
64	77.4	60.1	90.1
63	160.3	116.8	175.2



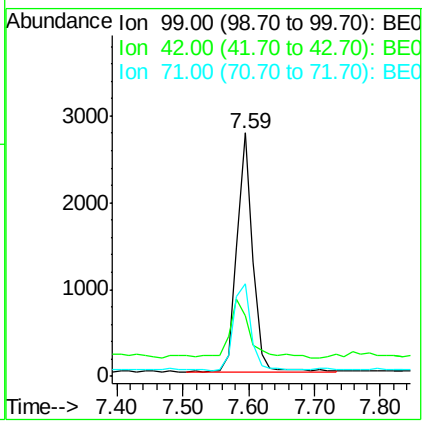


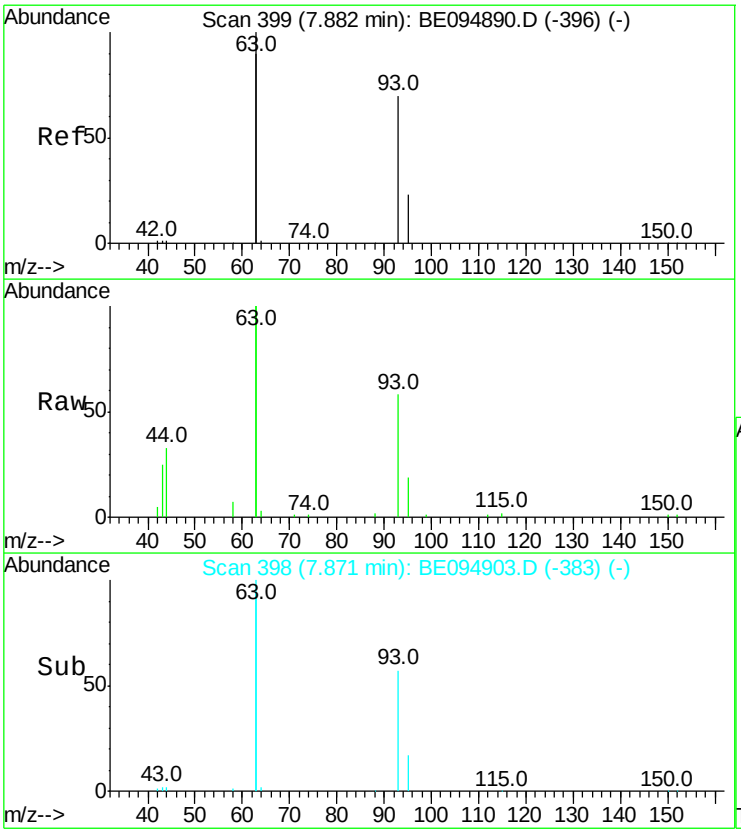
#5
Phenol-d6
Concen: 0.233 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion: 99 Resp: 4586

Ion	Ratio	Lower	Upper
99	100		
42	26.3	20.2	30.2
71	40.1	28.4	42.6

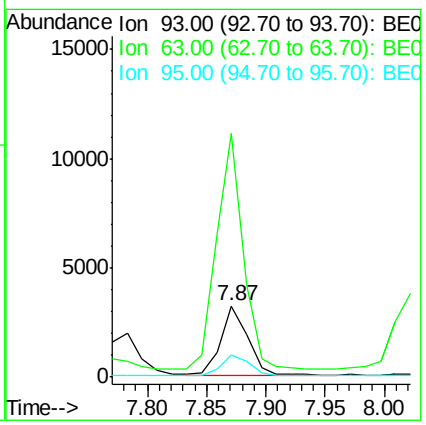


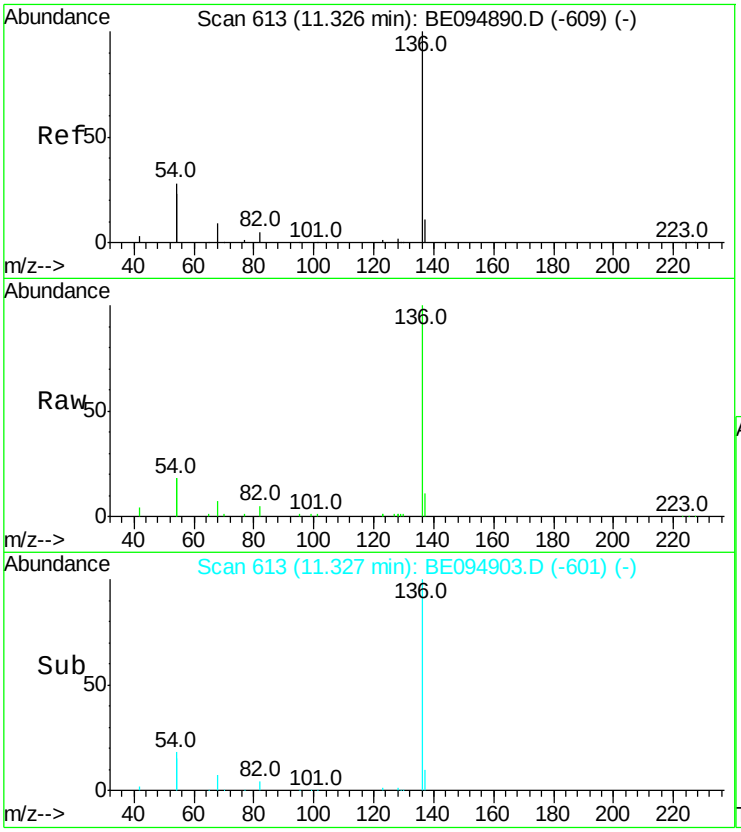


#6
bis(2-Chloroethyl)ether
Concen: 0.254 ng
RT: 7.87 min Scan# 398
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion: 93 Resp: 4966

Ion	Ratio	Lower	Upper
93	100		
63	339.5	275.3	412.9
95	32.1	25.2	37.8



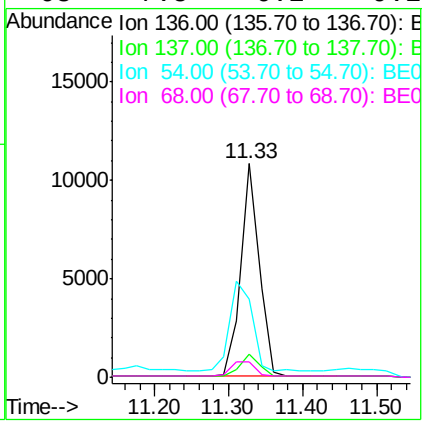


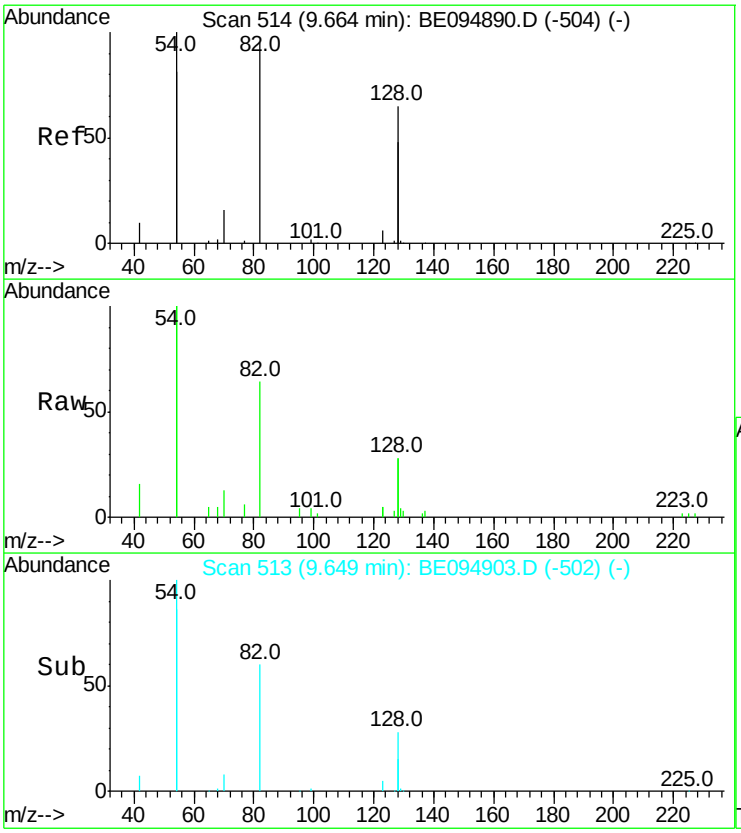
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:136 Resp: 18488

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	36.4	29.1	43.7
68	7.5	6.2	9.2

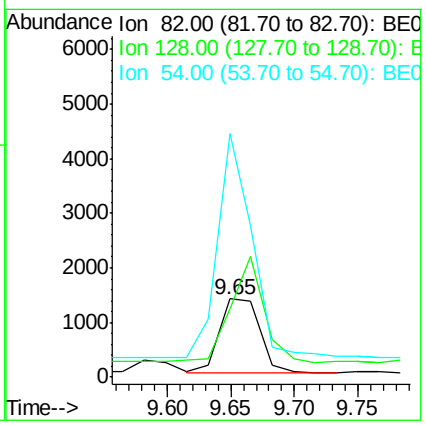


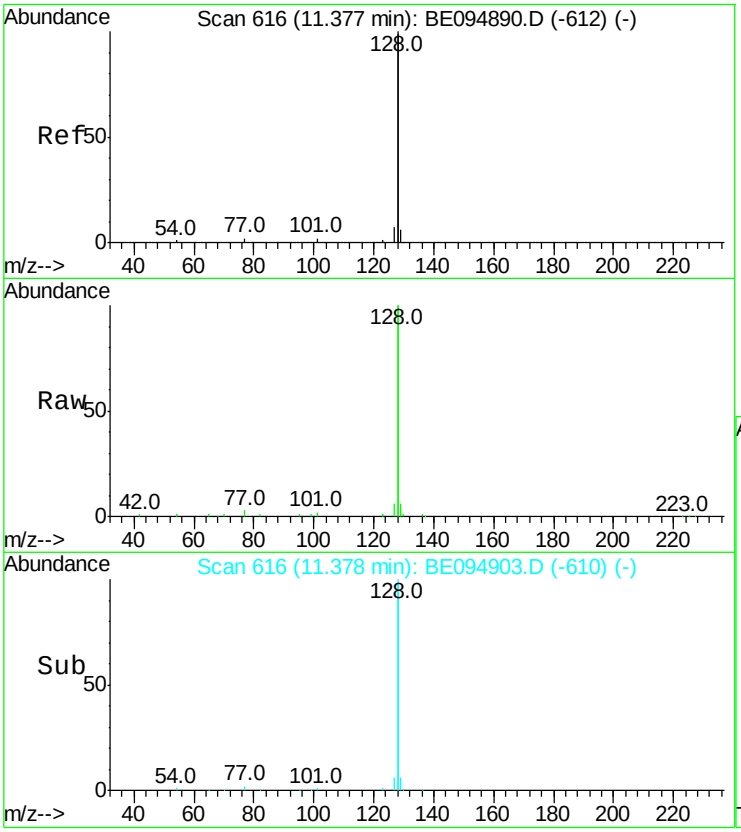


#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 9.65 min Scan# 513
Delta R.T. -0.02 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion: 82 Resp: 2946

Ion	Ratio	Lower	Upper
82	100		
128	87.1	150.0	225.0#
54	310.4	154.2	231.4#



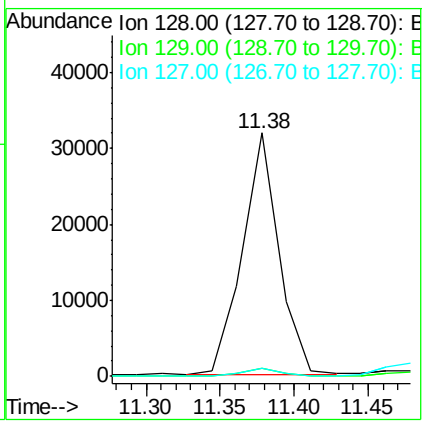


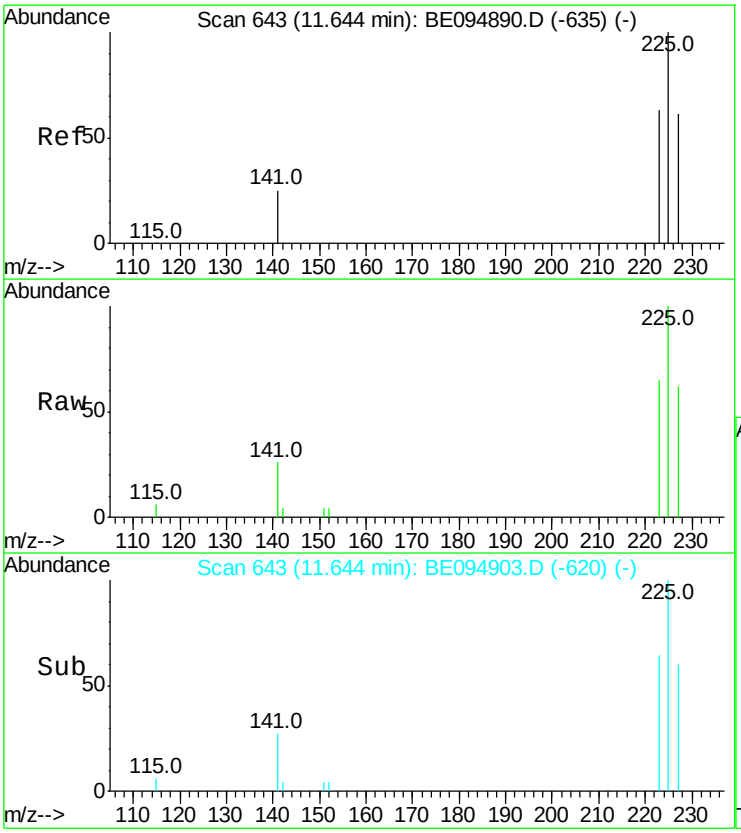
#9
Naphthalene
Concen: 0.251 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:128 Resp: 54422

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.2	2.8	4.2

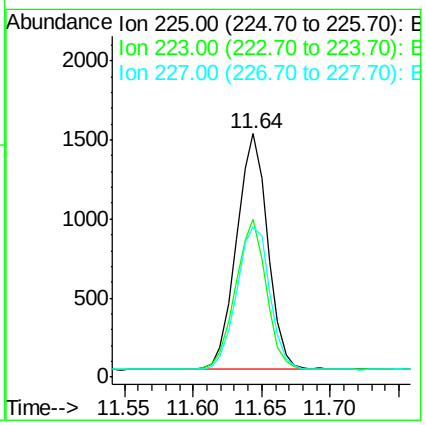


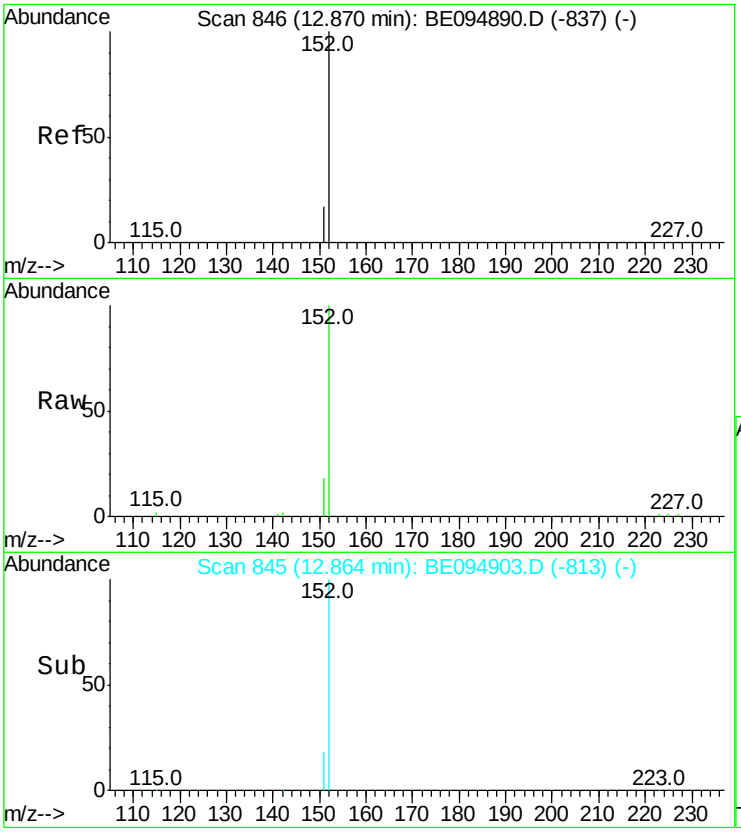


#10
Hexachlorobutadiene
Concen: 0.259 ng
RT: 11.64 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:225 Resp: 2366

Ion	Ratio	Lower	Upper
225	100		
223	62.3	53.0	79.6
227	64.0	51.4	77.2



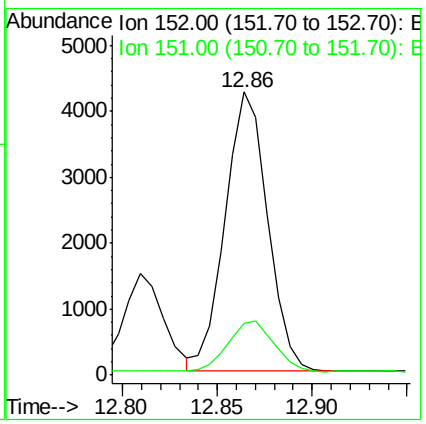


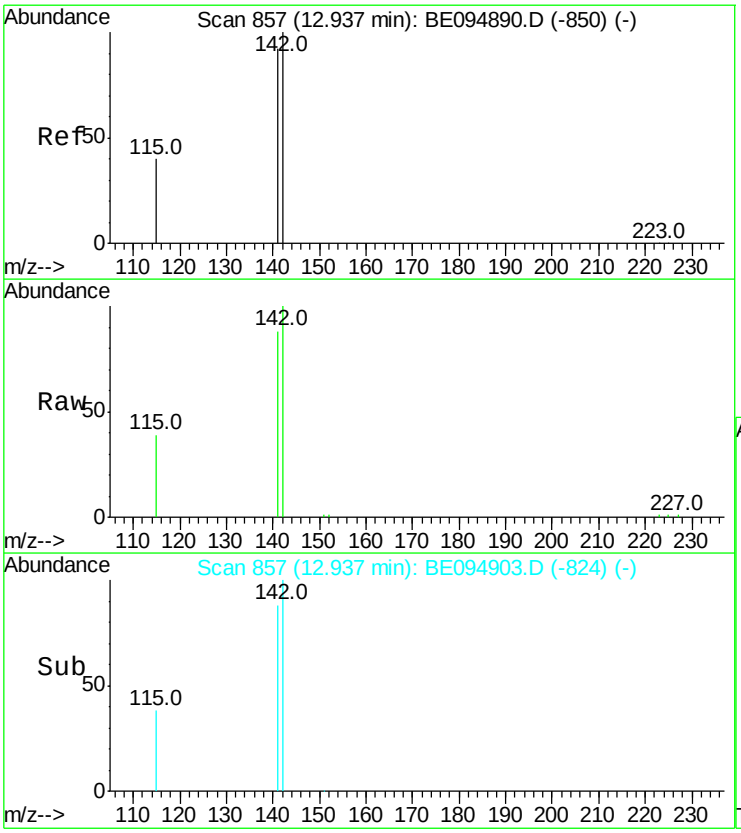
#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:152 Resp: 6562

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

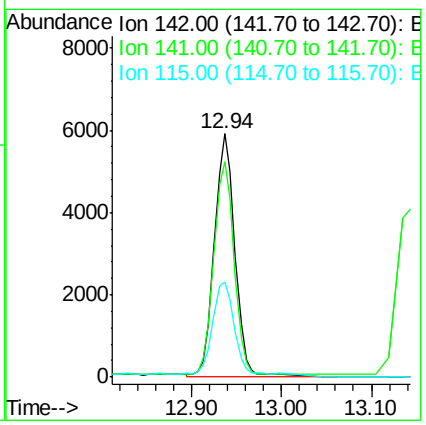


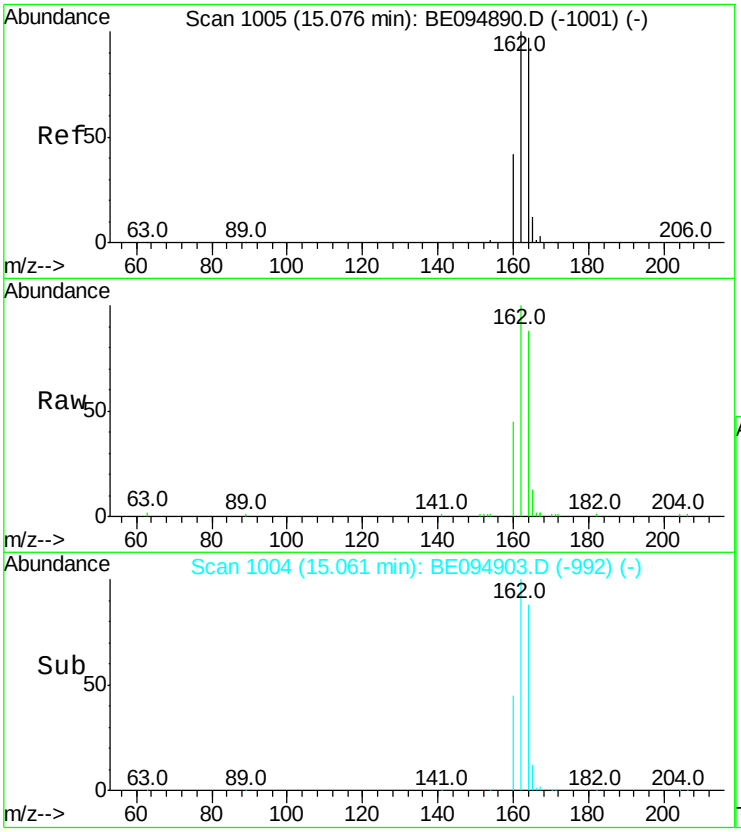


#12
2-Methylnaphthalene
Concen: 0.252 ng
RT: 12.94 min Scan# 857
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:142 Resp: 13575

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	39.3	31.7	47.5



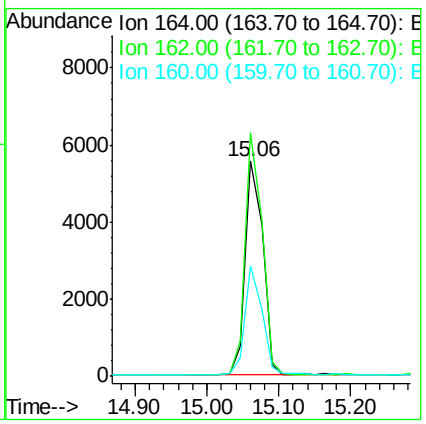


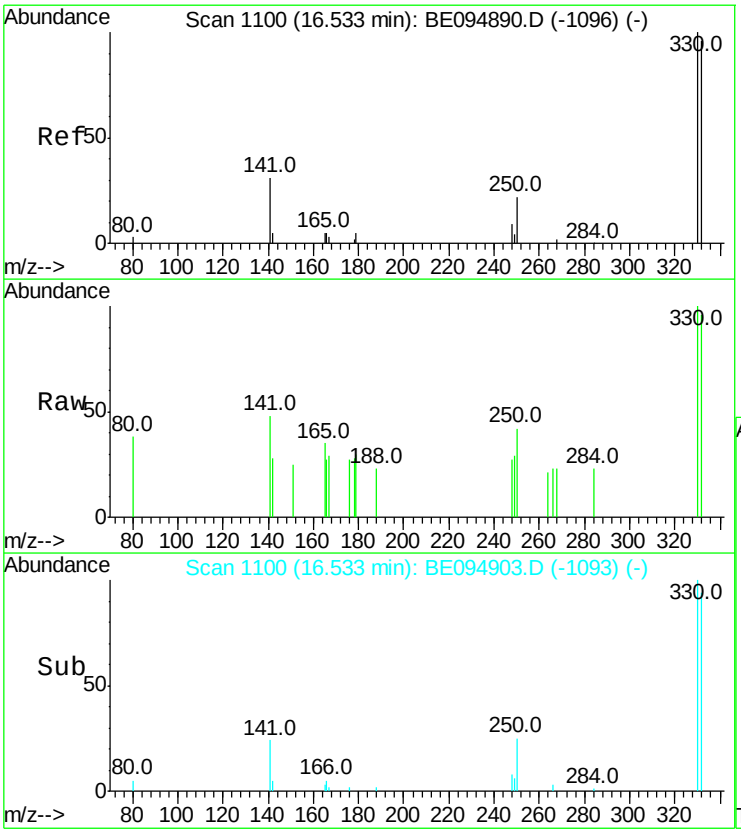
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:164 Resp: 9293

Ion	Ratio	Lower	Upper
164	100		
162	113.0	83.1	124.7
160	51.3	37.1	55.7

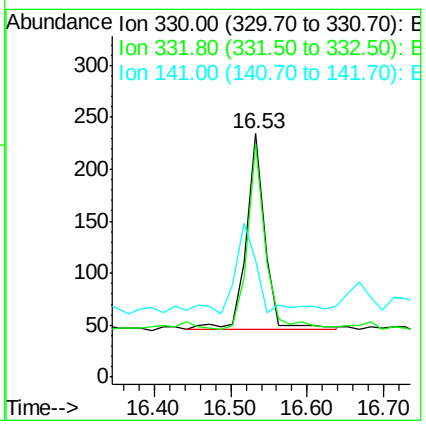


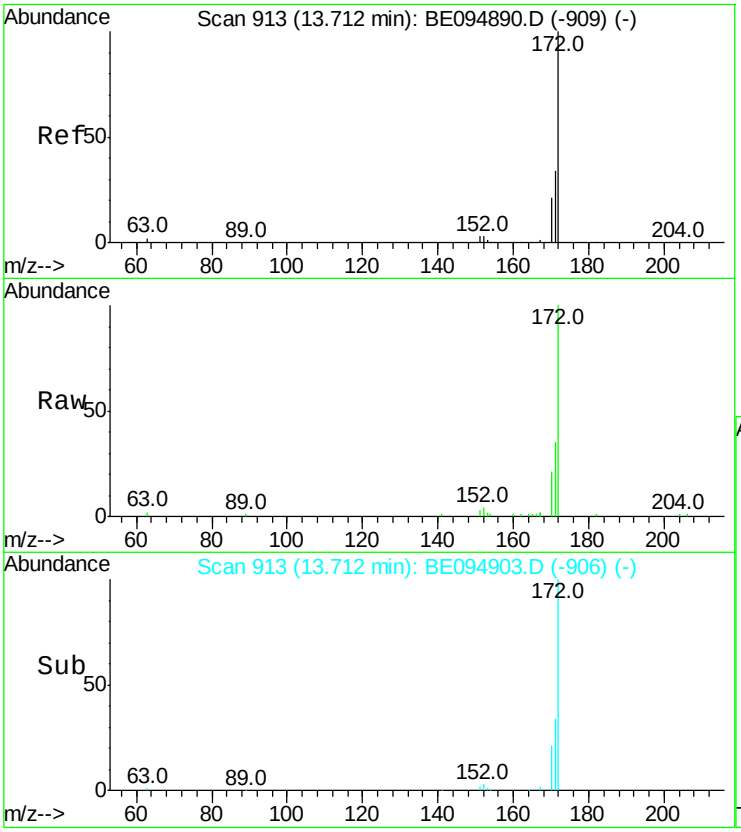


#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:330 Resp: 320

Ion	Ratio	Lower	Upper
330	100		
332	90.6	152.7	229.1#
141	39.7	33.7	50.5



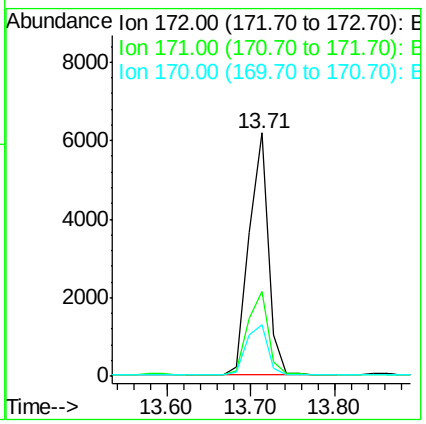


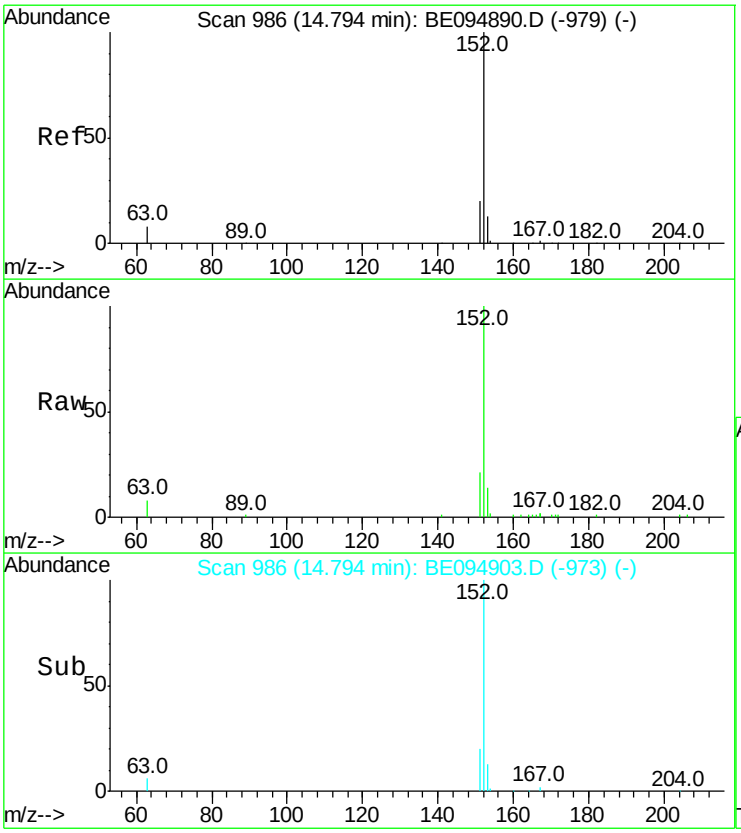
#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:172 Resp: 9779

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	21.4	21.8	32.8#

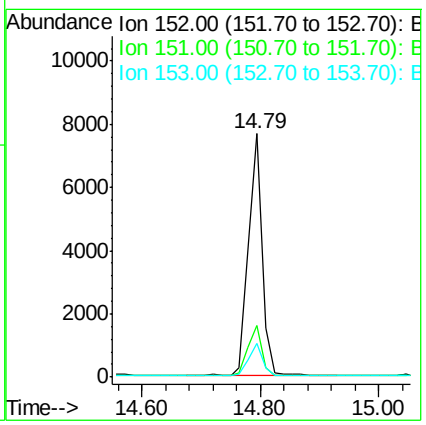


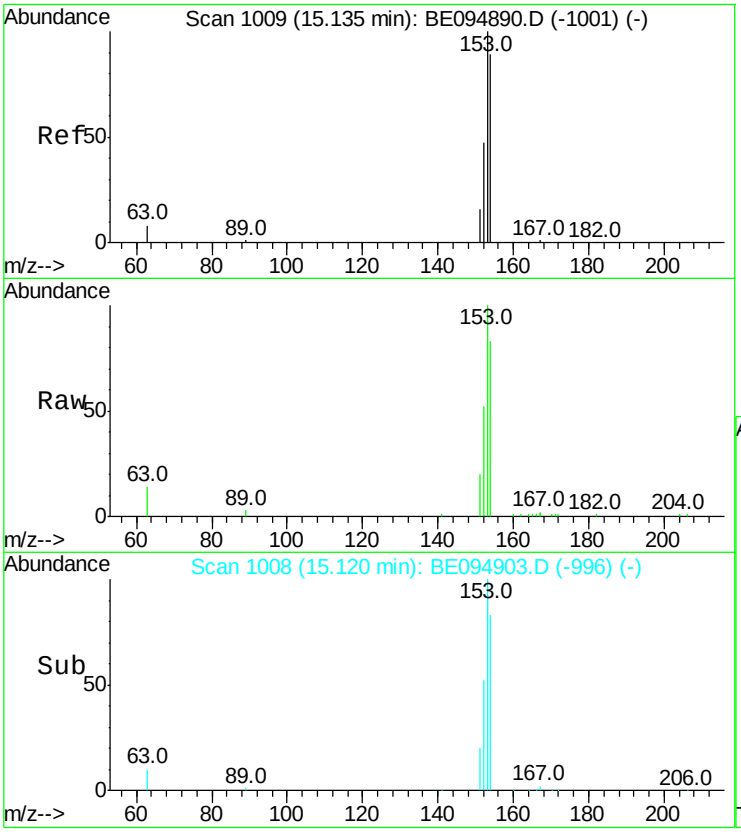


#16
Acenaphthylene
Concen: 0.230 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:152 Resp: 12097

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.7	23.5
153	12.9	10.5	15.7



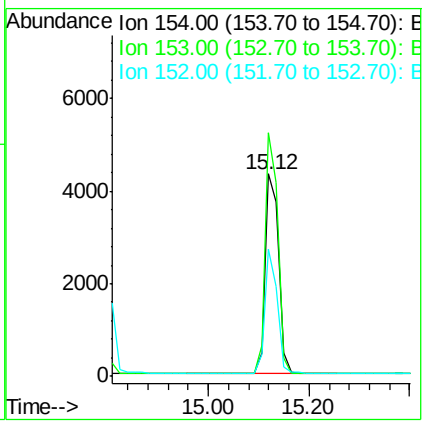


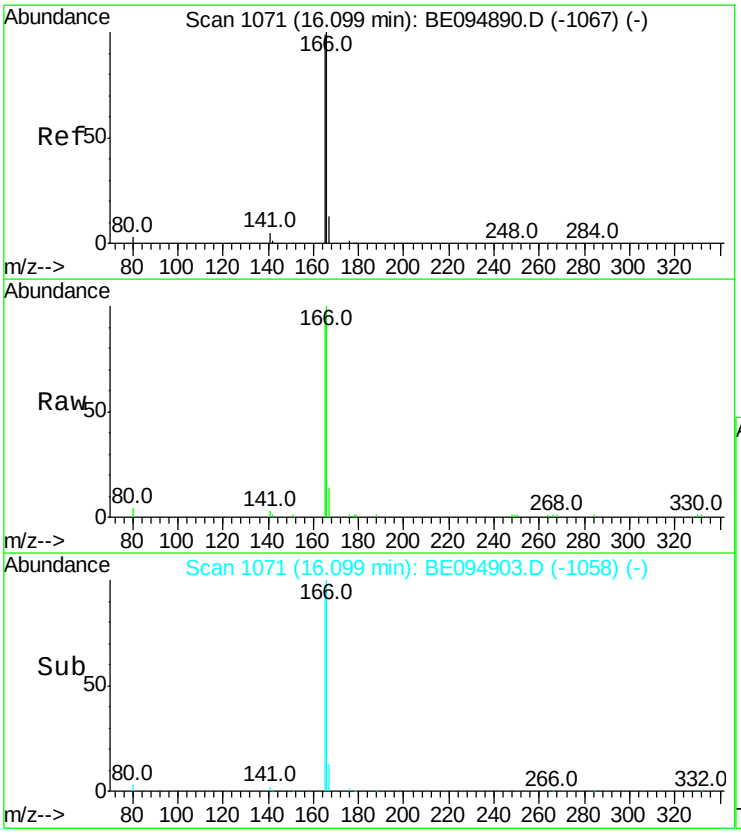
#17
Acenaphthene
Concen: 0.238 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:154 Resp: 8092

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.2	133.8
152	57.6	42.0	63.0

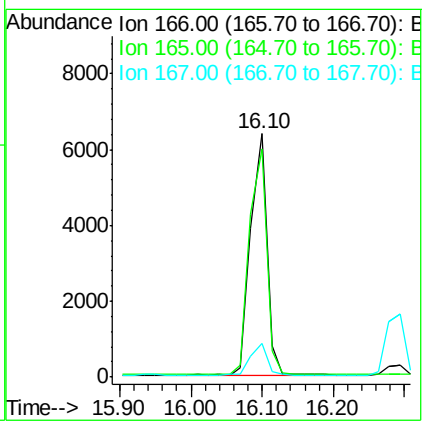


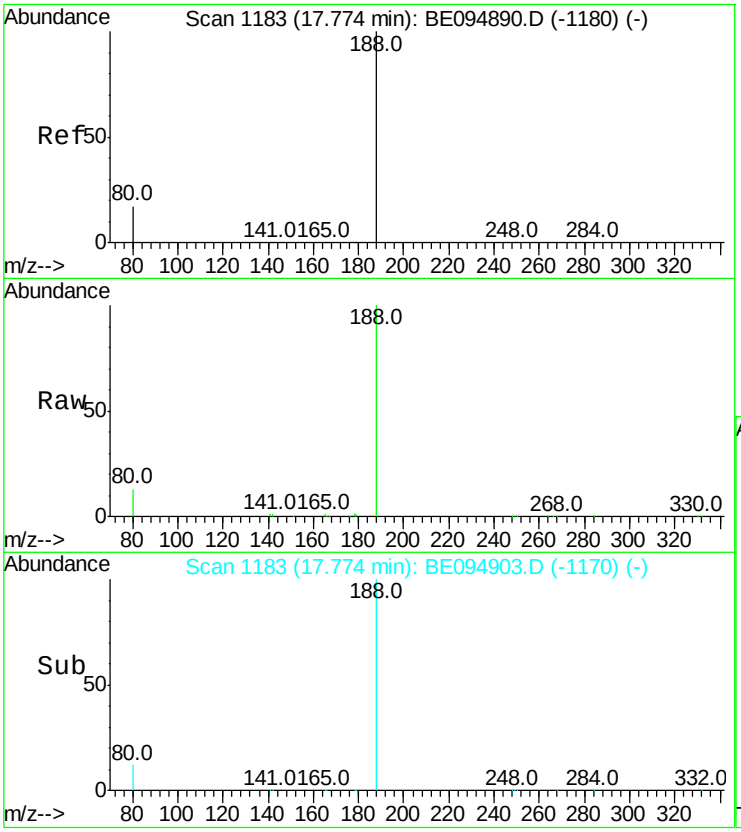


#18
Fluorene
Concen: 0.235 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:166 Resp: 10151

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	13.7	42.4	63.6#



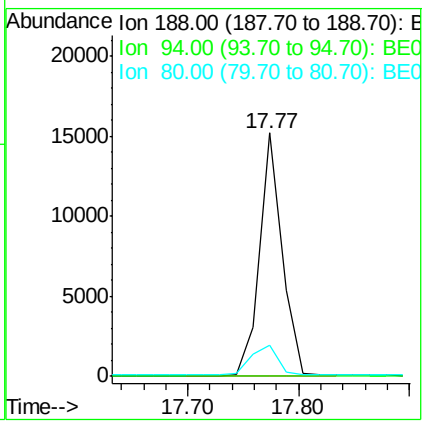


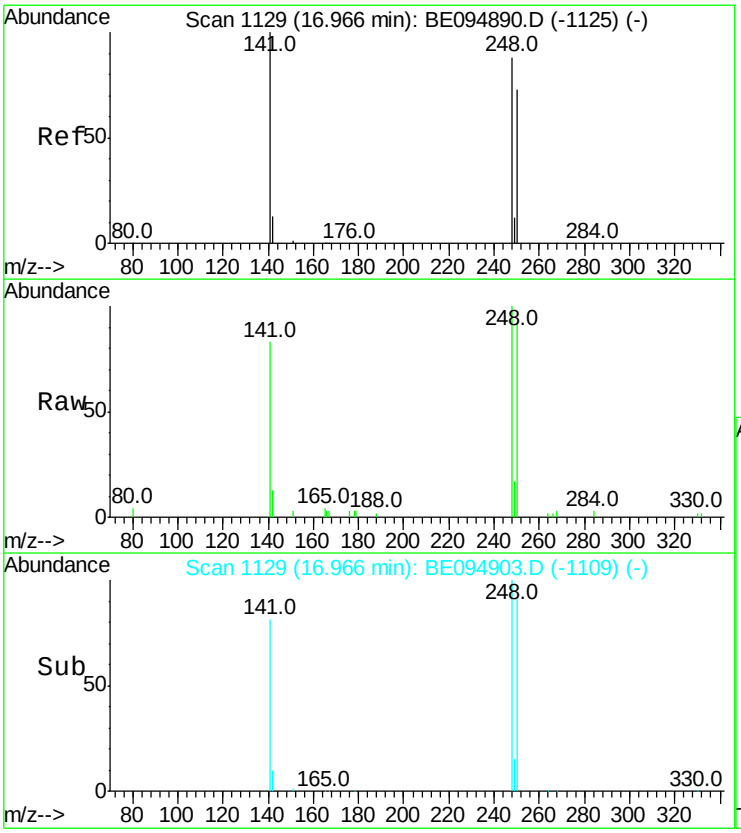
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:188 Resp: 21322

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.6	3.6	5.4#

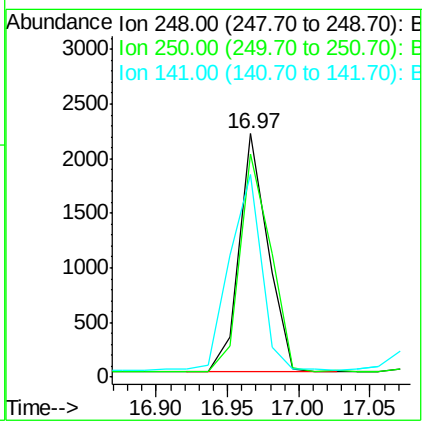


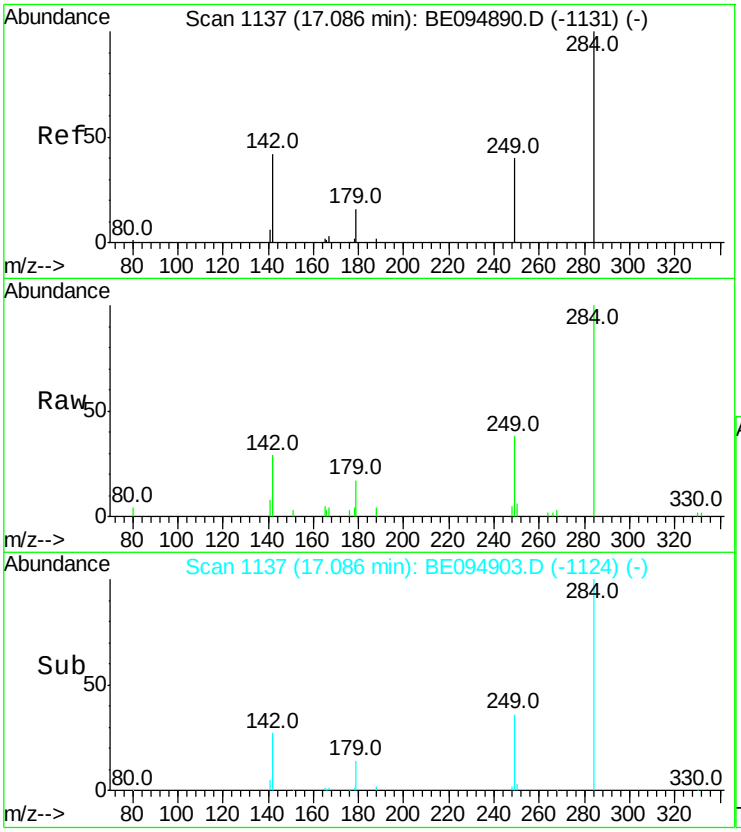


#20
4-Bromophenyl-phenylether
Concen: 0.260 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:248 Resp: 3097

Ion	Ratio	Lower	Upper
248	100		
250	91.6	62.7	94.1
141	83.0	48.2	72.2#



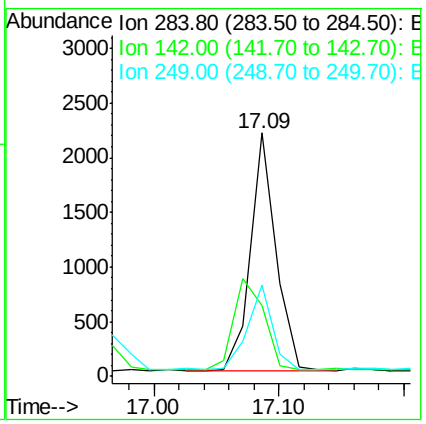


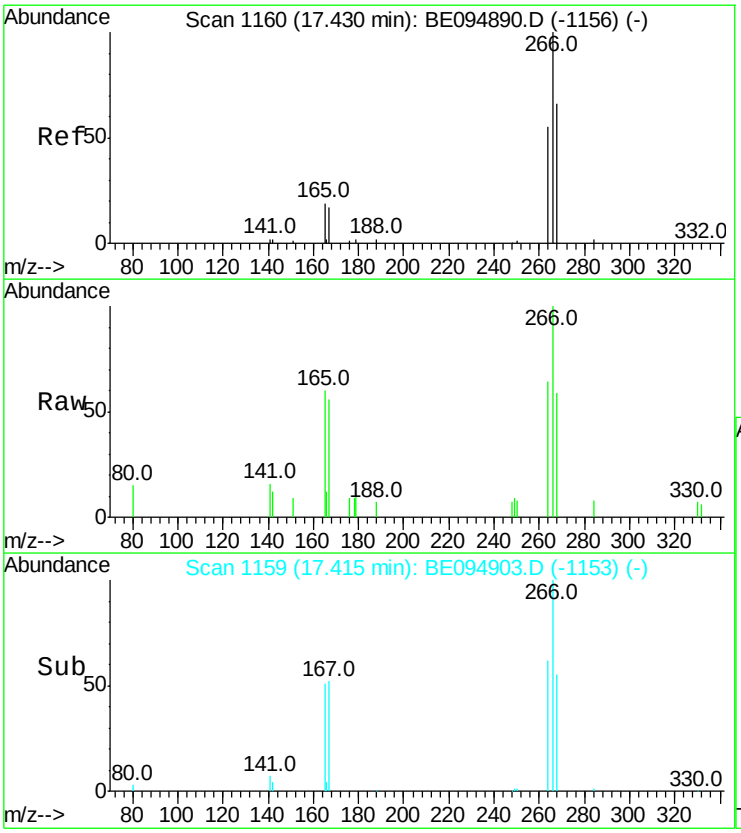
#21
Hexachlorobenzene
Concen: 0.267 ng
RT: 17.09 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:284 Resp: 3095

Ion	Ratio	Lower	Upper
284	100		
142	44.2	22.1	33.1#
249	35.1	34.8	52.2

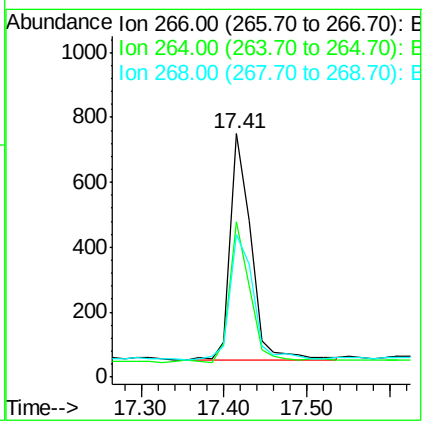


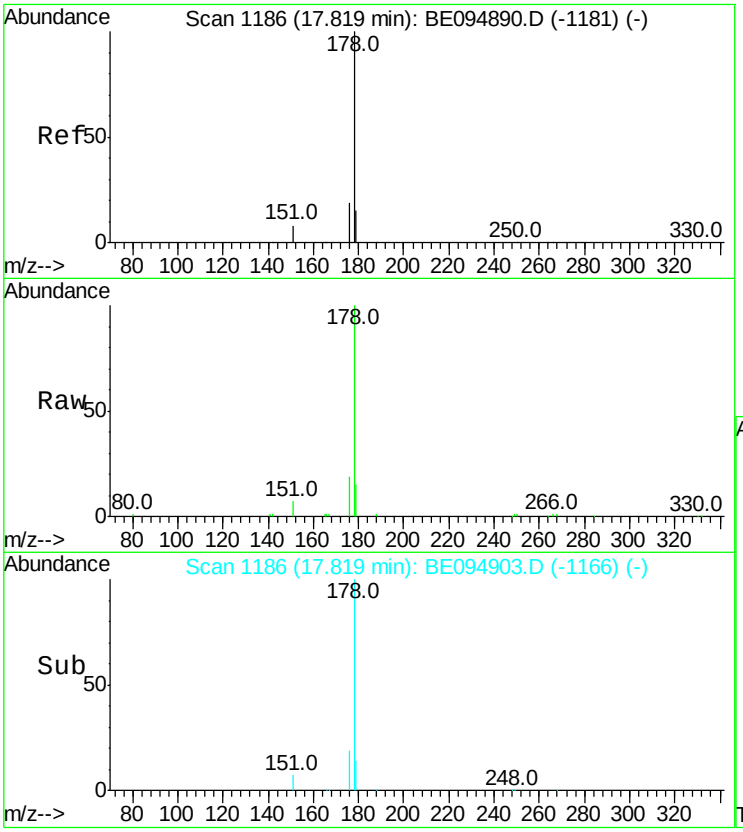


#22
Pentachlorophenol
Concen: 0.442 ng
RT: 17.41 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:266 Resp: 1187

Ion	Ratio	Lower	Upper
266	100		
264	63.9	72.5	108.7#
268	58.5	73.8	110.6#



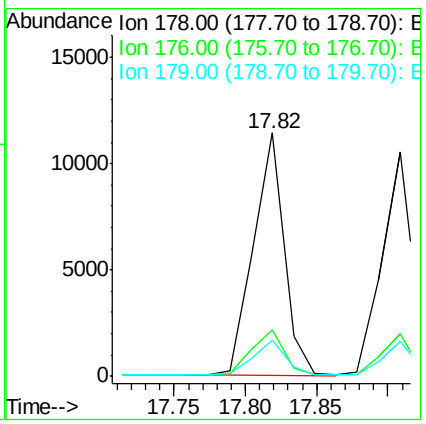


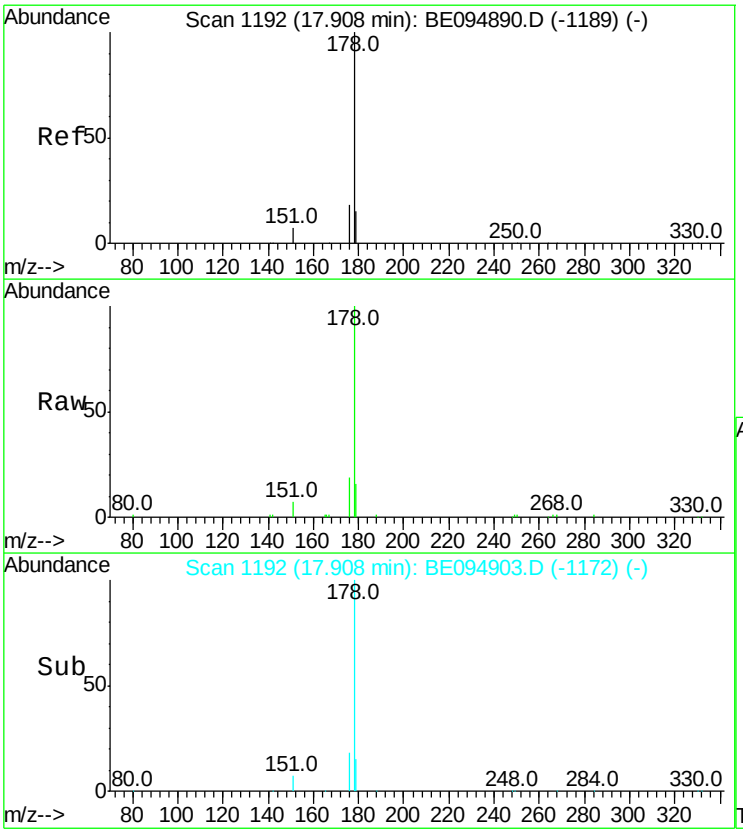
#23
Phenanthrene
Concen: 0.249 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:178 Resp: 16931

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.3	11.8	17.6

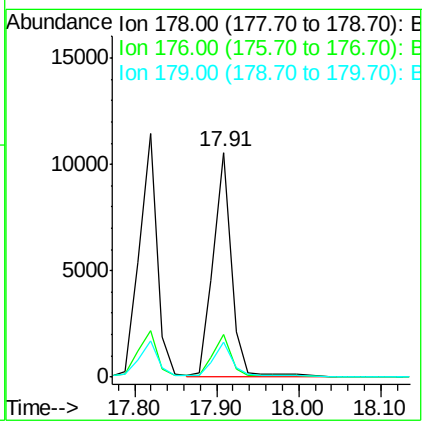


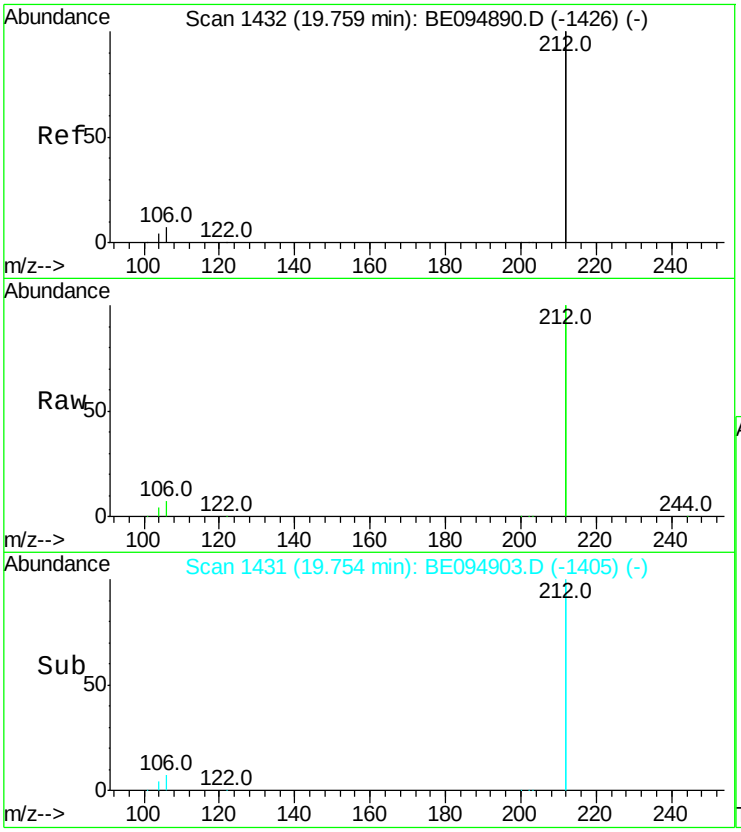


#24
Anthracene
Concen: 0.251 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:178 Resp: 18071

Ion	Ratio	Lower	Upper
178	100		
176	21.3	12.8	19.2#
179	18.6	13.0	19.6



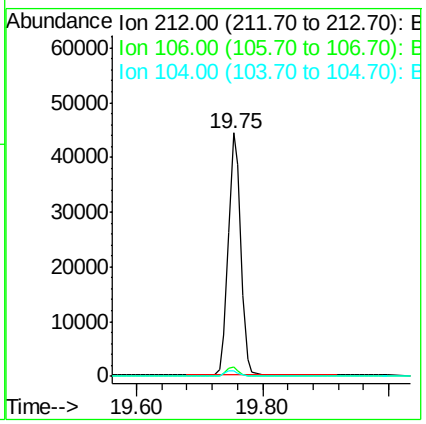


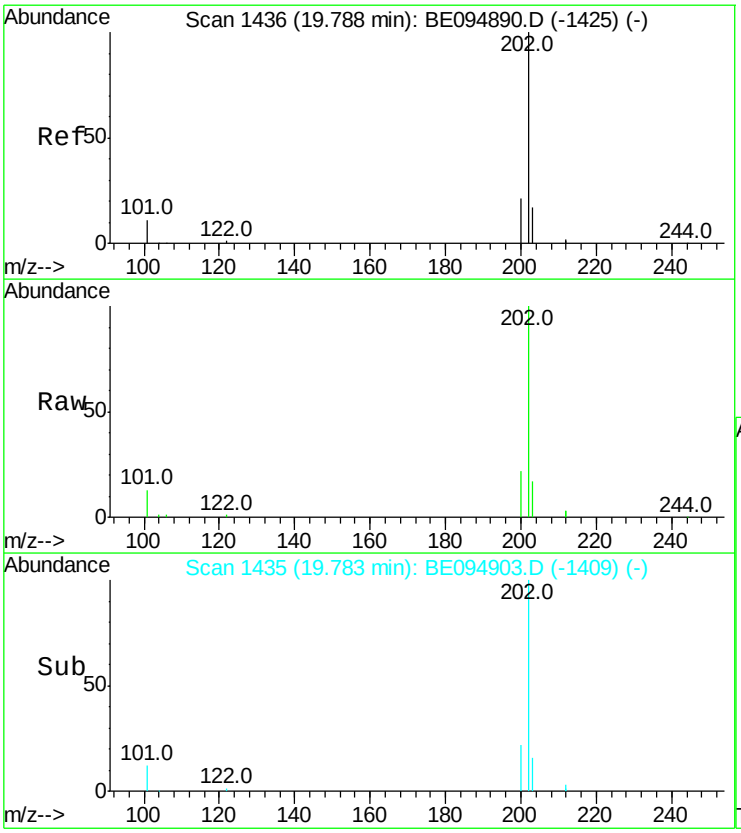
#25
Fluoranthene-d10
Concen: 0.209 ng
RT: 19.75 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:212 Resp: 60822

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.2	1.6	2.4

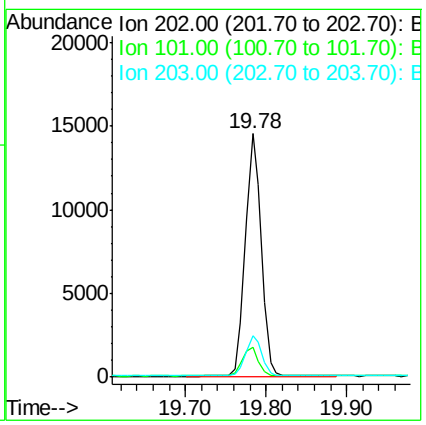


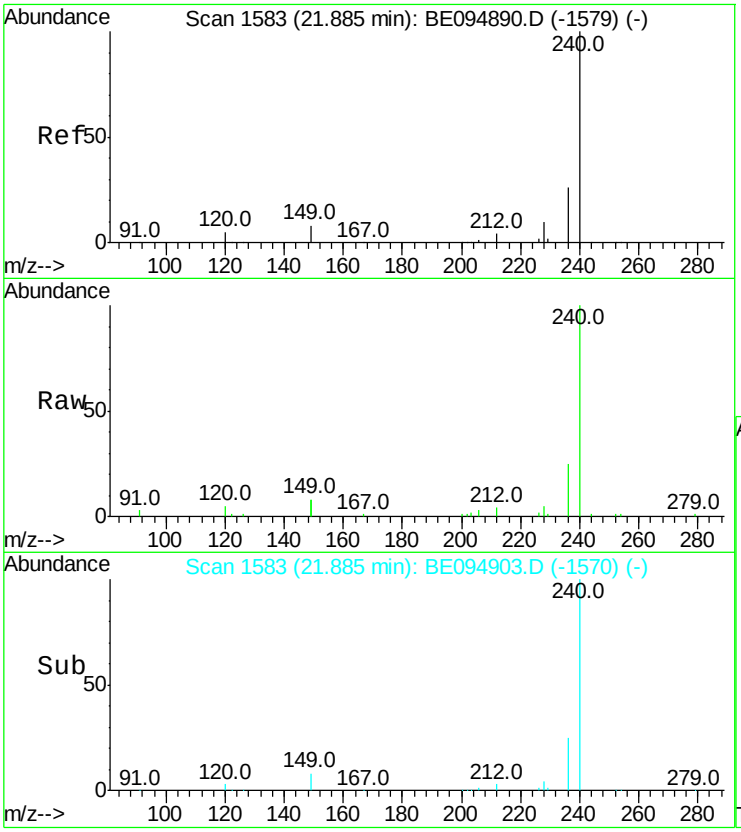


#26
Fluoranthene
Concen: 0.228 ng
RT: 19.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:202 Resp: 19919

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
203	16.6	13.7	20.5



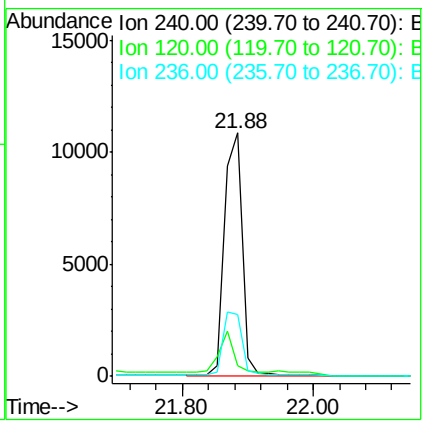


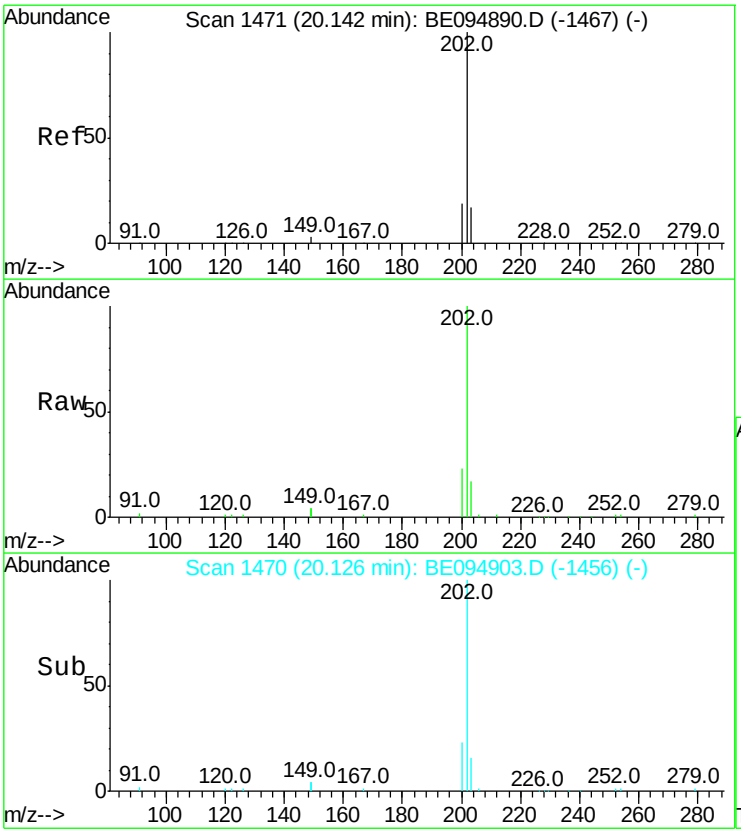
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:240 Resp: 21758

Ion	Ratio	Lower	Upper
240	100		
120	4.5	5.5	8.3#
236	25.4	20.7	31.1

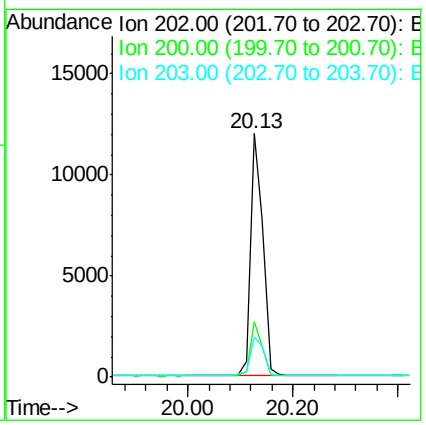


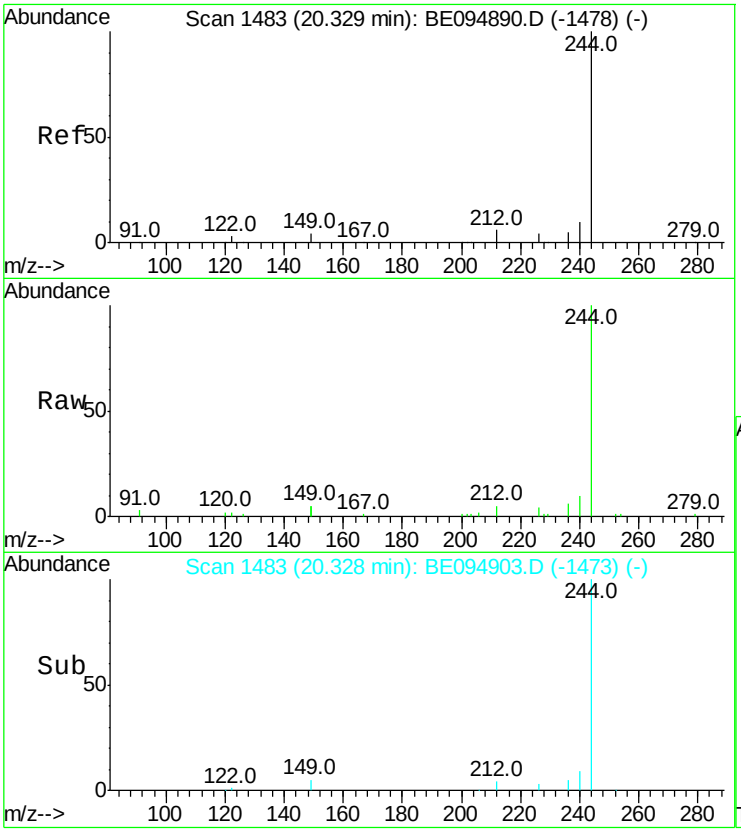


#28
Pyrene
Concen: 0.300 ng
RT: 20.13 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:202 Resp: 22535

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	18.2	13.8	20.8



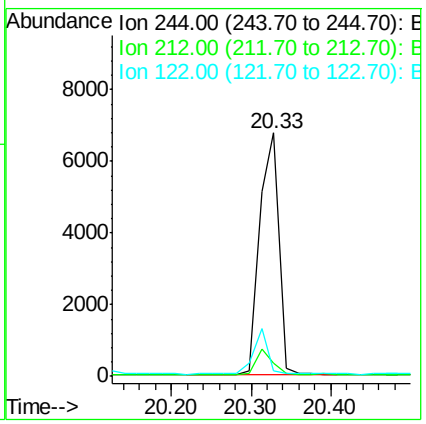


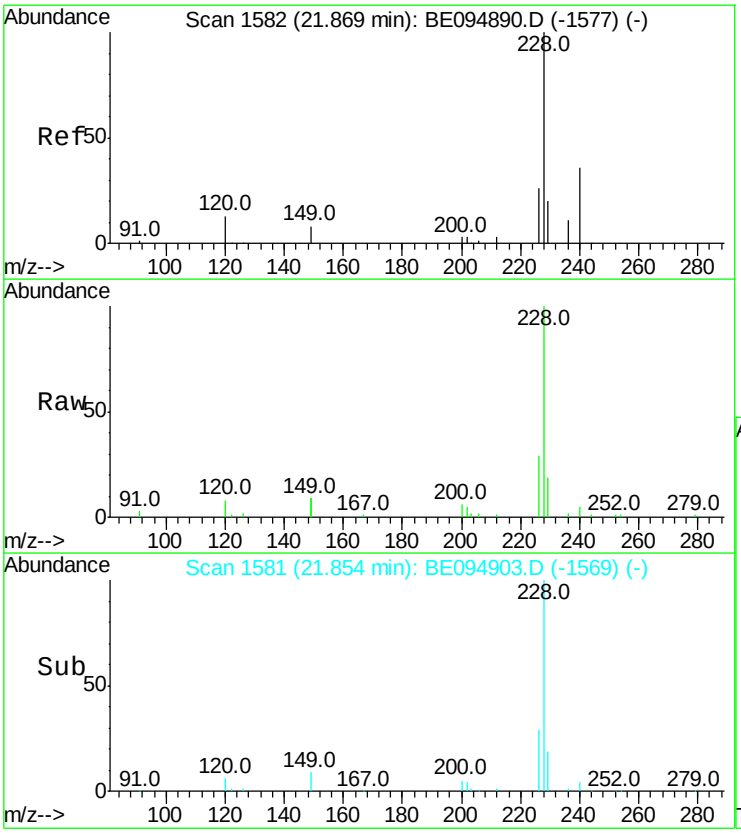
#29
Terphenyl-d14
Concen: 0.284 ng
RT: 20.33 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:244 Resp: 11397

Ion	Ratio	Lower	Upper
244	100		
212	5.2	25.4	38.0#
122	2.4	8.1	12.1#

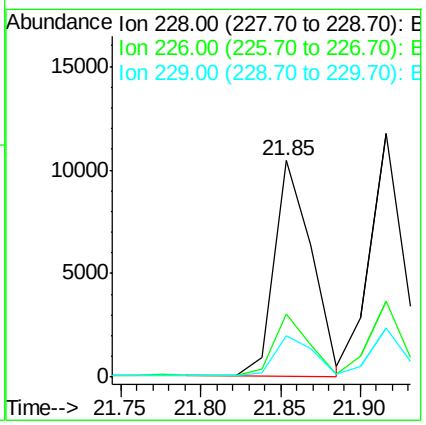


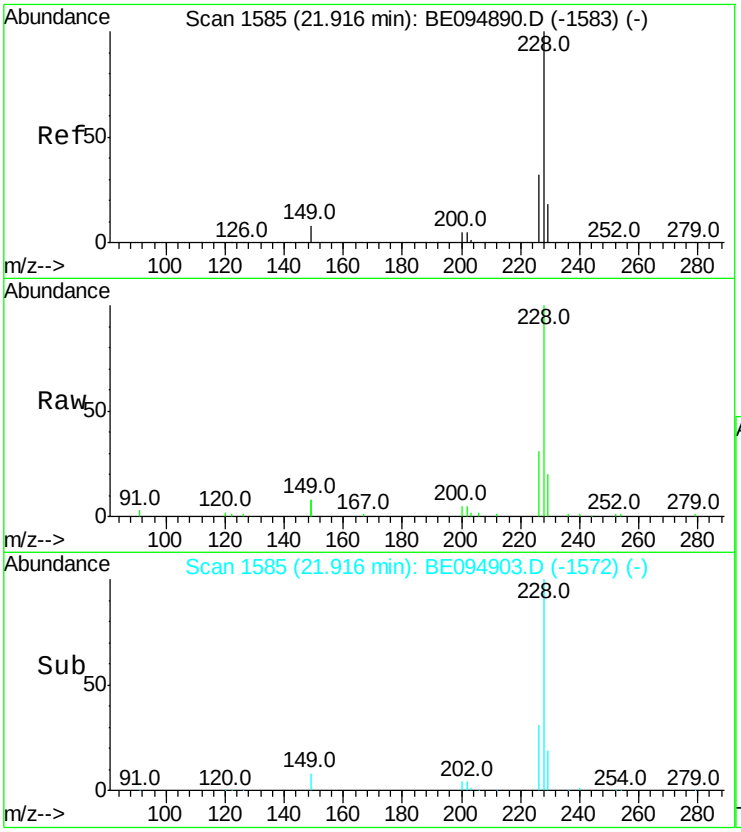


#30
Benzo(a)anthracene
Concen: 0.254 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:228 Resp: 16920

Ion	Ratio	Lower	Upper
228	100		
226	29.2	40.0	60.0#
229	18.9	40.0	60.0#



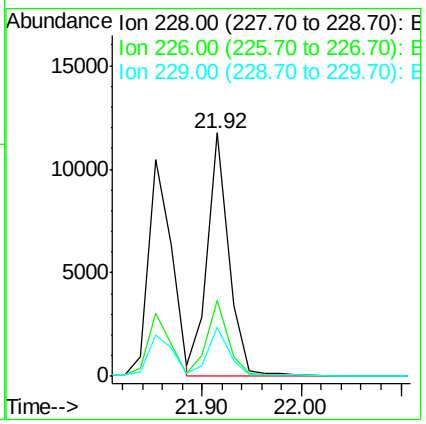


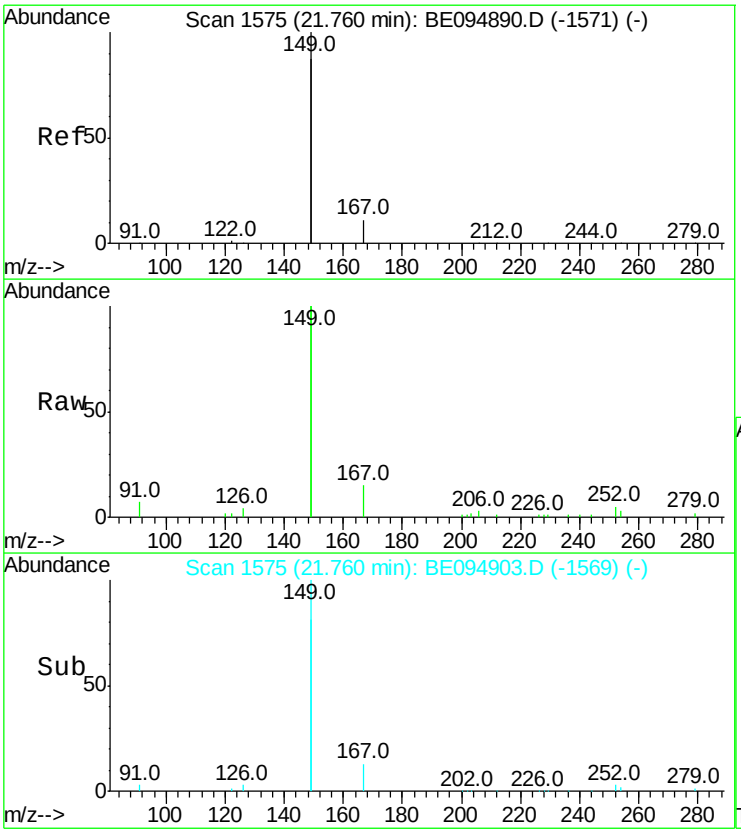
#31
Chrysene
Concen: 0.254 ng
RT: 21.92 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:228 Resp: 18698

Ion	Ratio	Lower	Upper
228	100		
226	31.1	40.0	60.0#
229	19.9	40.0	60.0#

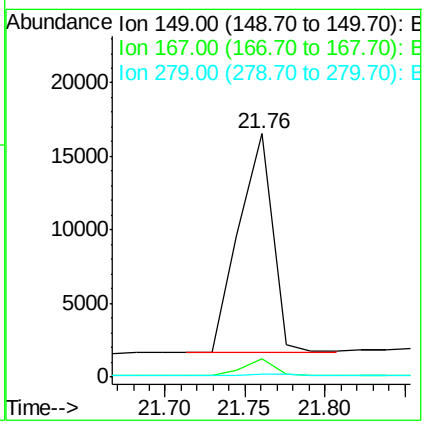


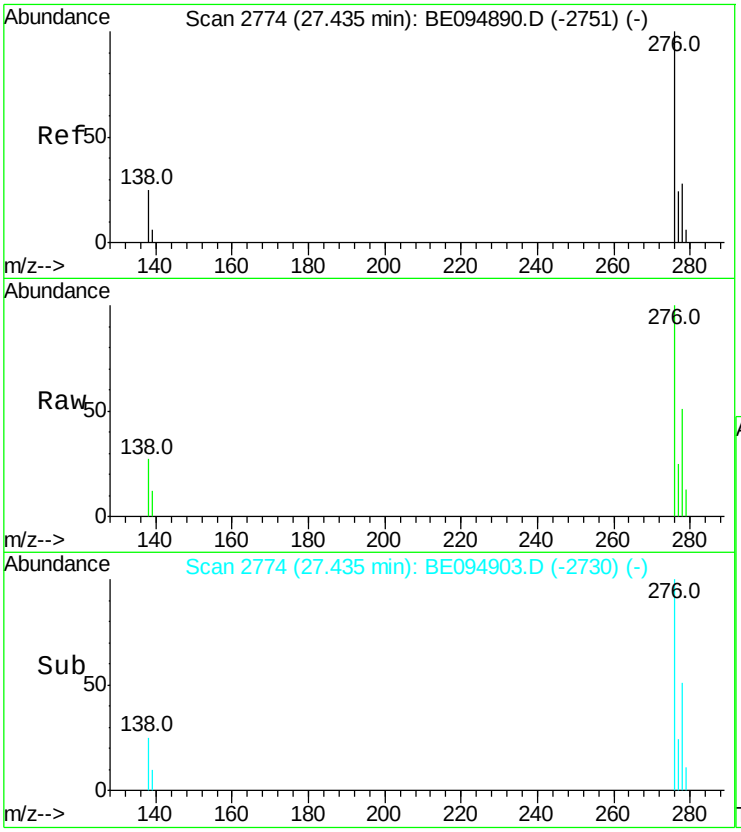


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.200 ng
RT: 21.76 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:149 Resp: 22111

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.8	0.7	1.1



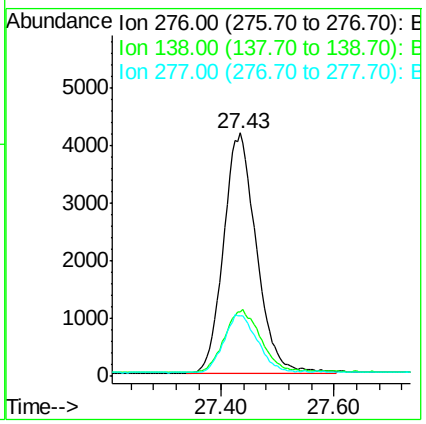


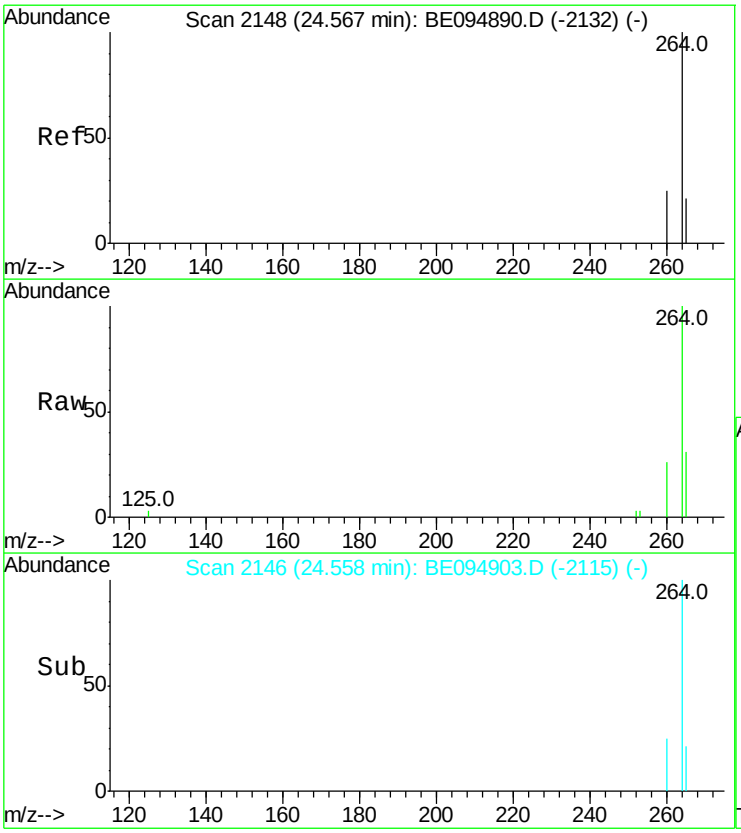
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng
RT: 27.43 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:276 Resp: 16553

Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.5	33.7
277	24.4	19.9	29.9

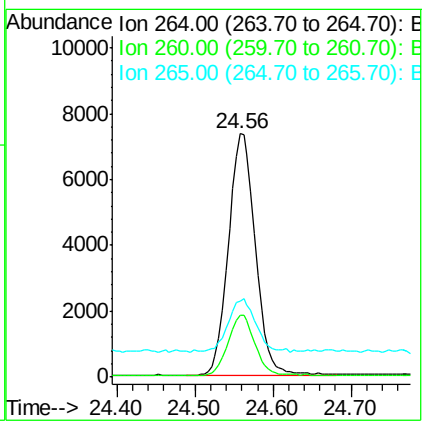


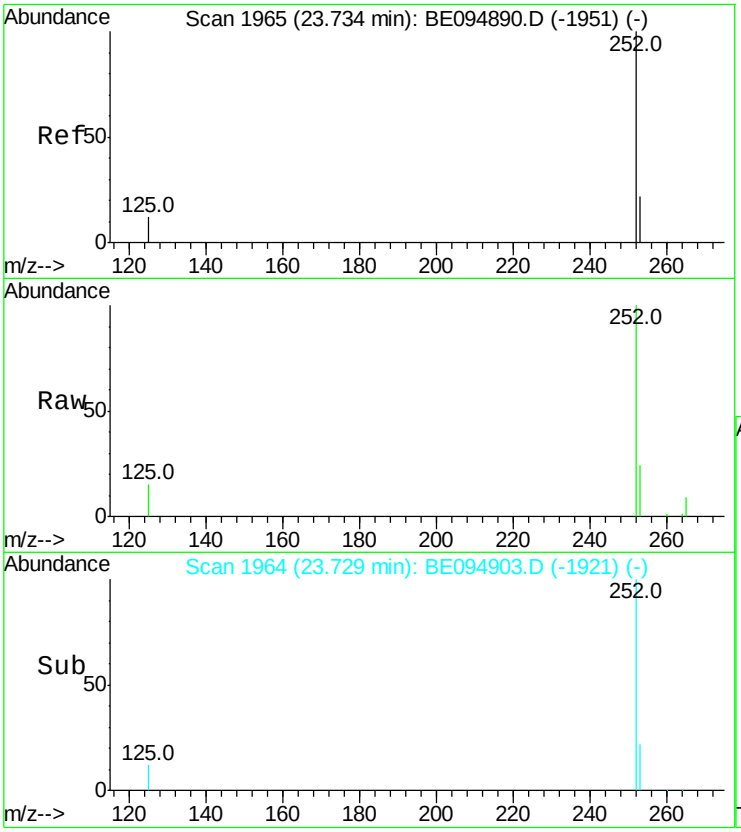


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.56 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:264 Resp: 17640

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	31.0	22.8	34.2



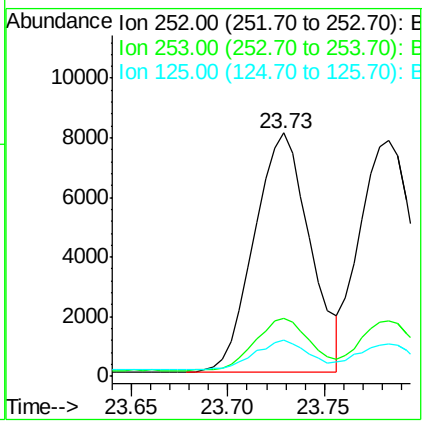


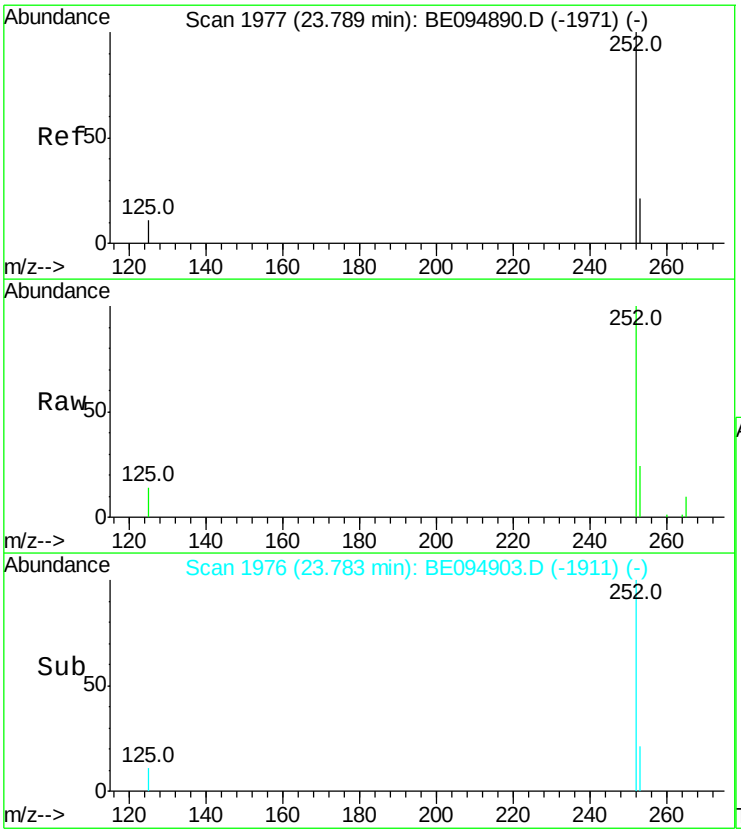
#35
Benzo(b)fluoranthene
Concen: 0.250 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:252 Resp: 16097

Ion	Ratio	Lower	Upper
252	100		
253	23.6	48.0	72.0#
125	15.0	56.0	84.0#

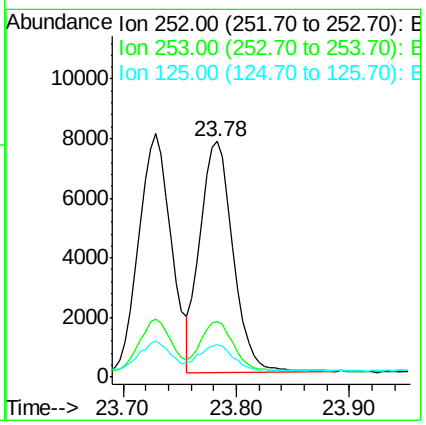


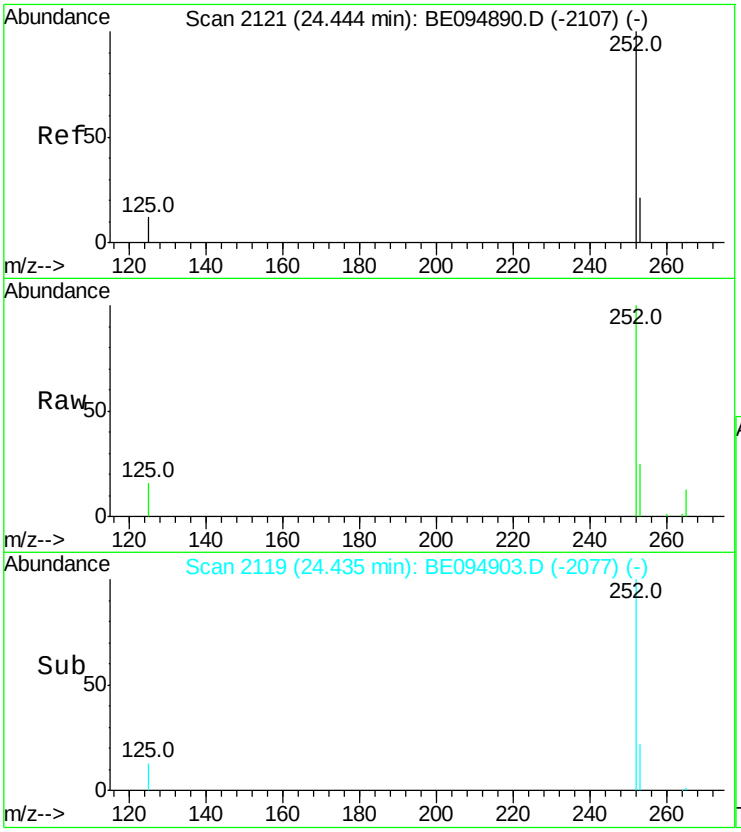


#36
Benzo(k)fluoranthene
Concen: 0.240 ng
RT: 23.78 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:252 Resp: 15725

Ion	Ratio	Lower	Upper
252	100		
253	23.8	48.0	72.0#
125	13.9	56.0	84.0#



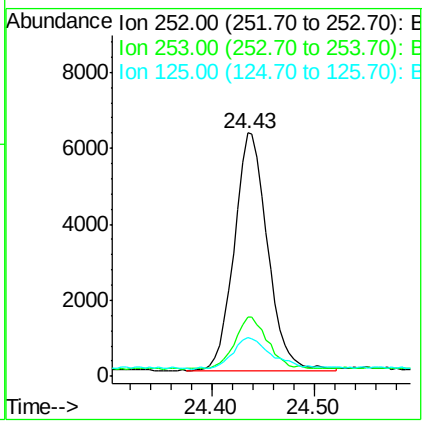


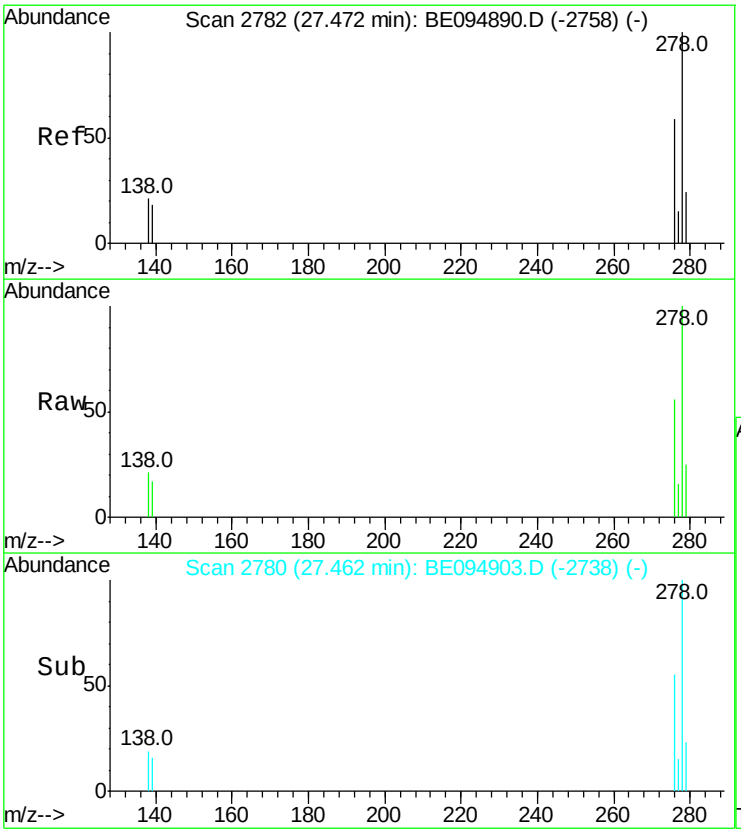
#37
Benzo(a)pyrene
Concen: 0.250 ng
RT: 24.43 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:252 Resp: 14136

Ion	Ratio	Lower	Upper
252	100		
253	24.6	52.0	78.0#
125	16.1	68.0	102.0#

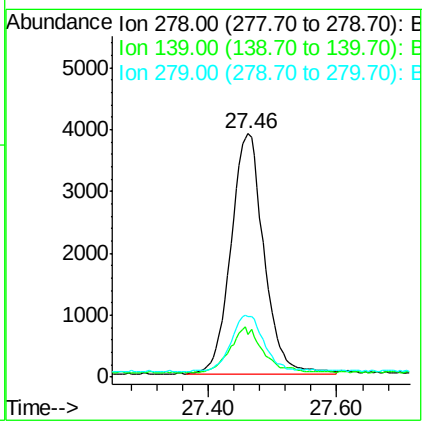


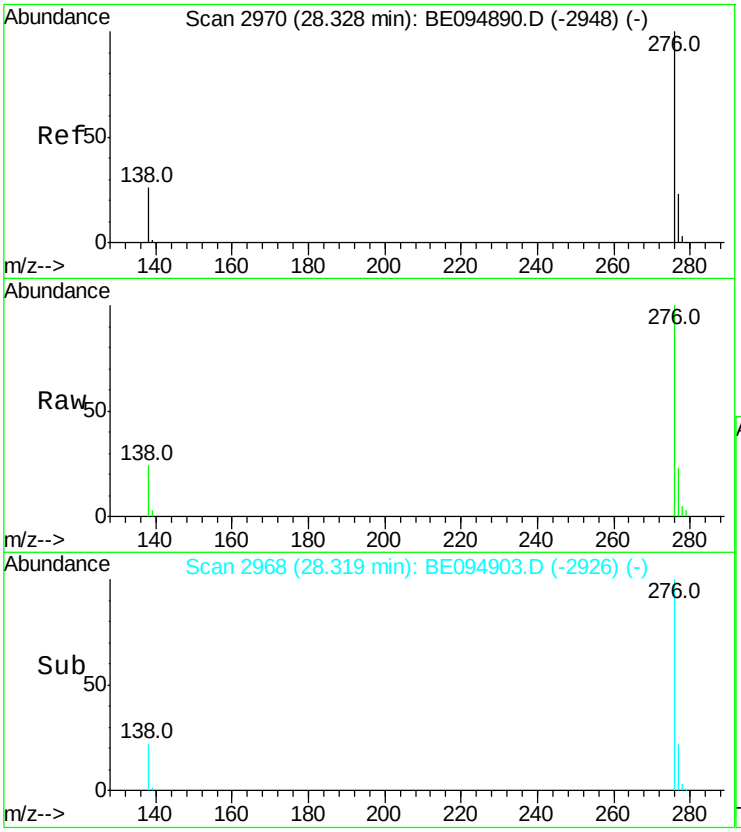


#38
Dibenzo(a,h)anthracene
Concen: 0.265 ng
RT: 27.46 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Tgt Ion:278 Resp: 13828

Ion	Ratio	Lower	Upper
278	100		
139	17.3	56.0	84.0#
279	24.9	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.276 ng
RT: 28.32 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BE094903.D
Acq: 1 Dec 2017 13:44

Instrument :
BNA_E
ClientSampleId :
PB104097BS

Tgt Ion:276 Resp: 14384

Ion	Ratio	Lower	Upper
276	100		
277	23.4	52.0	78.0#
138	23.8	44.0	66.0#