Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094916.D
Acq On : 5 Dec 2017 16:02
Operator : SJ/JU
Sample : PB104744BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB104744BS

Quant Time: Dec 06 04:02:39 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	9360	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	18329	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	8433	0.40	ng		0.00
19) Phenanthrene-d10	17.79	188	19921	0.40	ng		0.02
27) Chrysene-d12	21.89	240	19218	0.40	ng		0.00
34) Perylene-d12	24.57	264	15256	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	2937	0.20	ng		0.00
5) Phenol-d6	7.59	99	4980	0.23	ng		0.00
8) Nitrobenzene-d5	9.66	82	2366	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	9881	0.34	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	275	0.23	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	14955	0.41	ng		0.00
25) Fluoranthene-d10	19.77	212	83325	0.31	ng		0.00
29) Terphenyl-d14	20.33	244	15823	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	2861	0.292	ng	#	45
3) n-Nitrosodimethylamine	4.02	42	4518	0.362	ng	#	74
6) bis(2-Chloroethyl)ether	7.88	93	7616	0.350	ng		99
9) Naphthalene	11.38	128	84431	0.393	ng		99
10) Hexachlorobutadiene	11.64	225	3600	0.397	ng		97
12) 2-Methylnaphthalene	12.94	142	19829	0.371	ng		99
16) Acenaphthylene	14.79	152	17275	0.363	ng		100
17) Acenaphthene	15.14	154	11472	0.372	ng		93
18) Fluorene	16.10	166	14051	0.359	ng	#	77
20) 4-Bromophenyl-phenylether	16.98	248	4283	0.385	ng	#	67
21) Hexachlorobenzene	17.10	284	4292	0.396	ng	#	81
22) Pentachlorophenol	17.43	266	1024	0.419	ng	#	73
23) Phenanthrene	17.82	178	25114	0.396	ng		98
24) Anthracene	17.91	178	24772	0.368	ng	#	93
26) Fluoranthene	19.79	202	28705	0.352	ng		100
28) Pyrene	20.14	202	29016	0.437	ng		96
30) Benzo(a)anthracene	21.87	228	23815	0.404	ng	#	61
31) Chrysene	21.92	228	27207	0.418	ng	#	65
32) Bis(2-ethylhexyl)phthalate	21.76	149	10932	0.112	ng		100
33) Indeno(1,2,3-cd)pyrene	27.44	276	22712	0.426	ng		99
35) Benzo(b)fluoranthene	23.73	252	22762	0.409	ng	#	40
36) Benzo(k)fluoranthene	23.79	252	22638	0.399	ng	#	40
37) Benzo(a)pyrene	24.45	252	20086	0.411	ng	#	34
38) Dibenzo(a,h)anthracene	27.48	278	18518	0.411	ng	#	43
39) Benzo(g,h,i)perylene	28.33	276	20730	0.460	ng	#	53

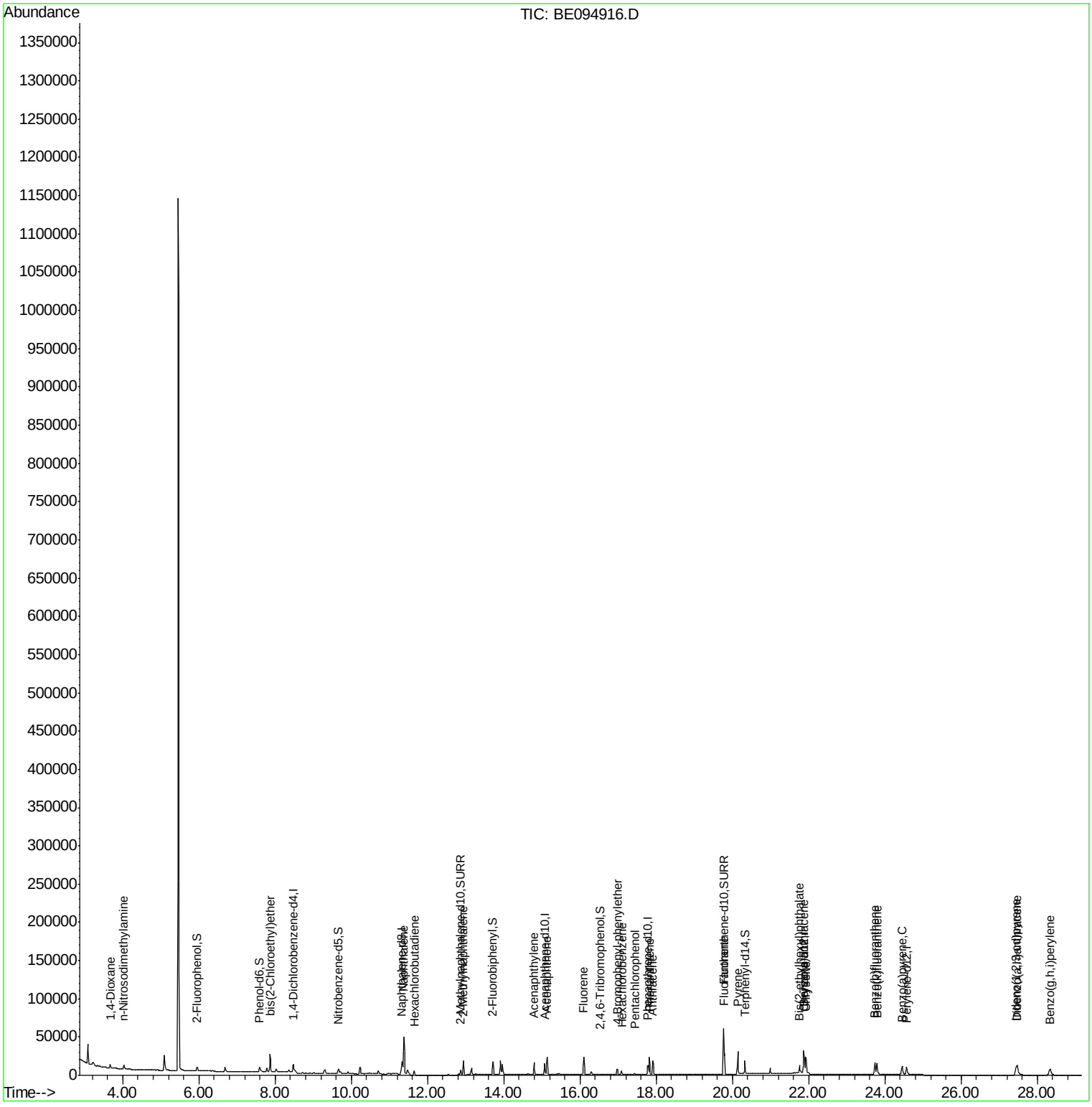
(#) = qualifier out of range (m) = manual integration (+) = signals summed

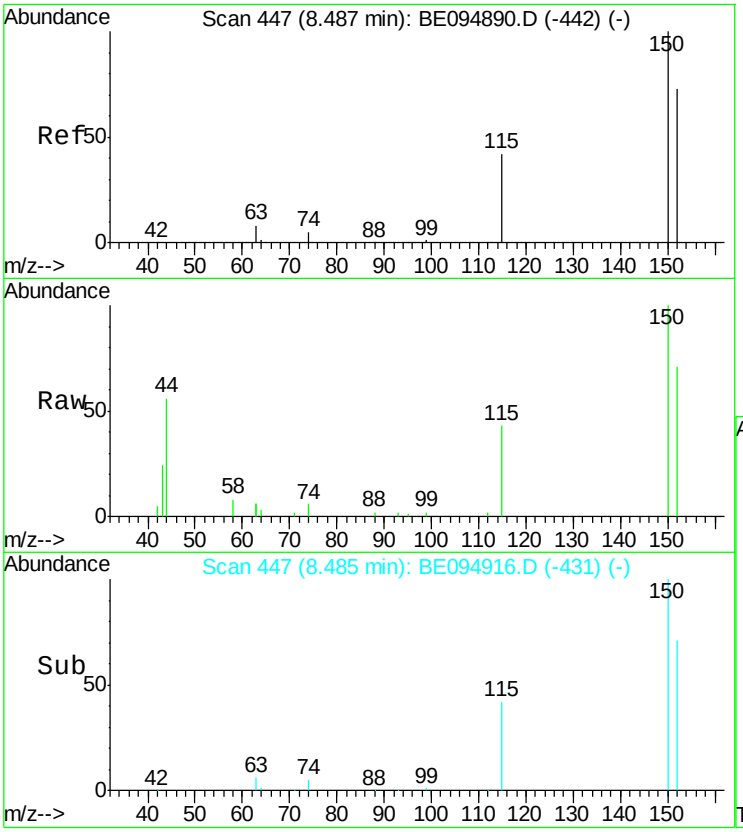
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094916.D
Acq On : 5 Dec 2017 16:02
Operator : SJ/JU
Sample : PB104744BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Quant Time: Dec 06 04:02:39 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



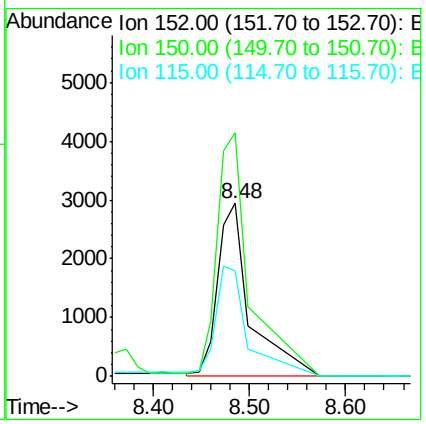


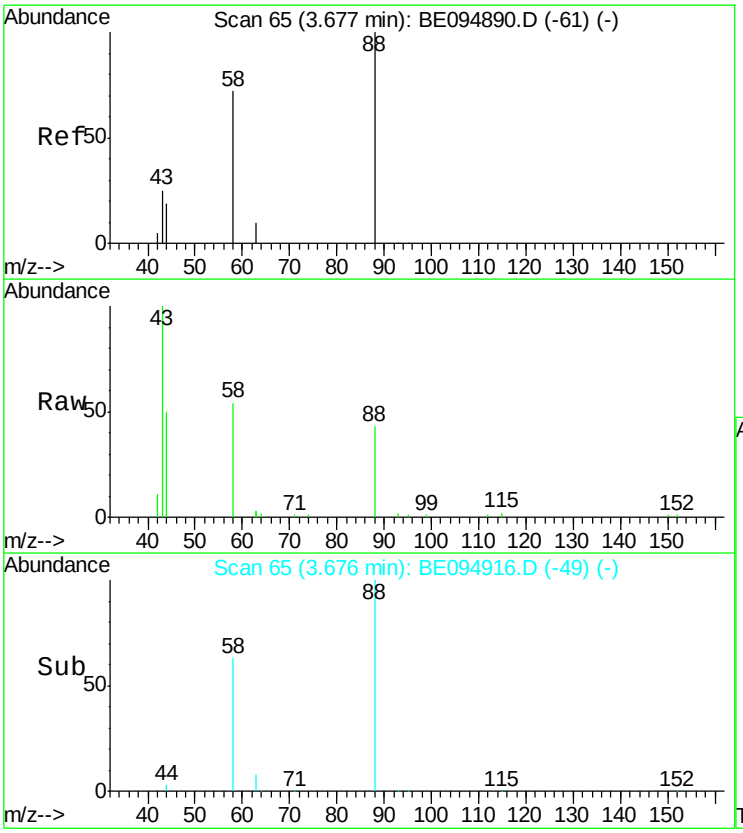
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:152 Resp: 9360

Ion	Ratio	Lower	Upper
152	100		
150	140.9	117.2	175.8
115	60.9	57.0	85.6

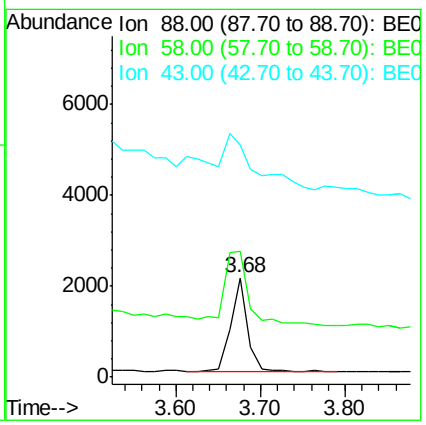


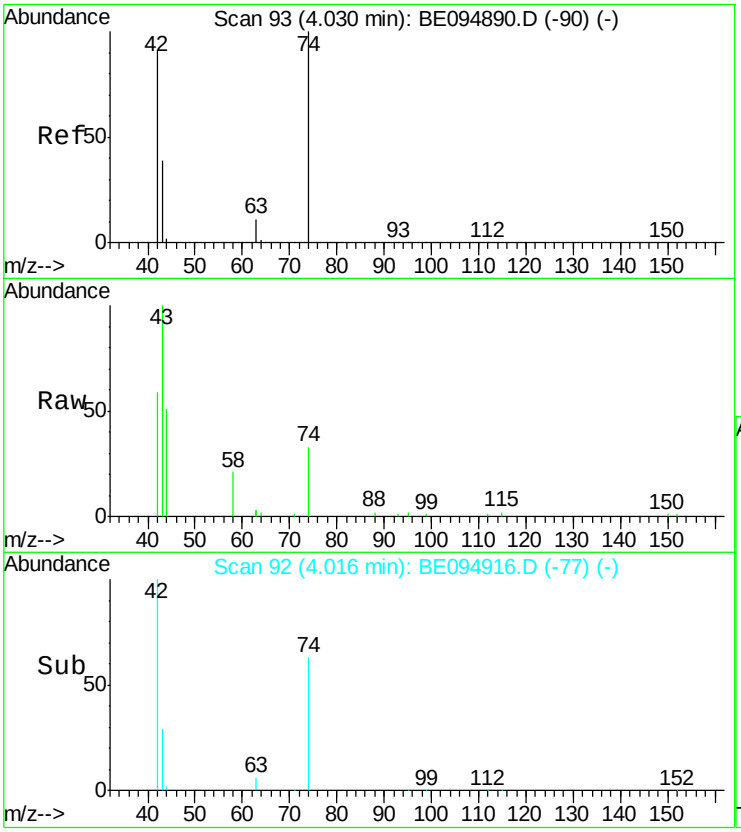


#2
1,4-Dioxane
Concen: 0.292 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion: 88 Resp: 2861

Ion	Ratio	Lower	Upper
88	100		
58	116.2	63.2	94.8#
43	103.4	41.2	61.8#



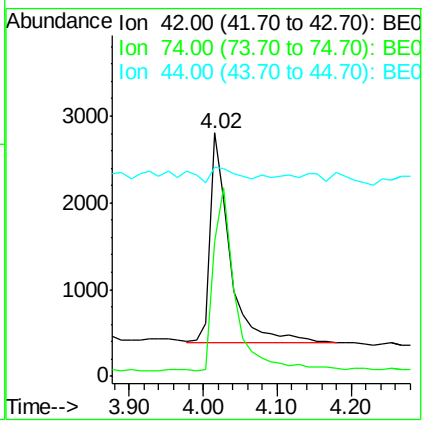


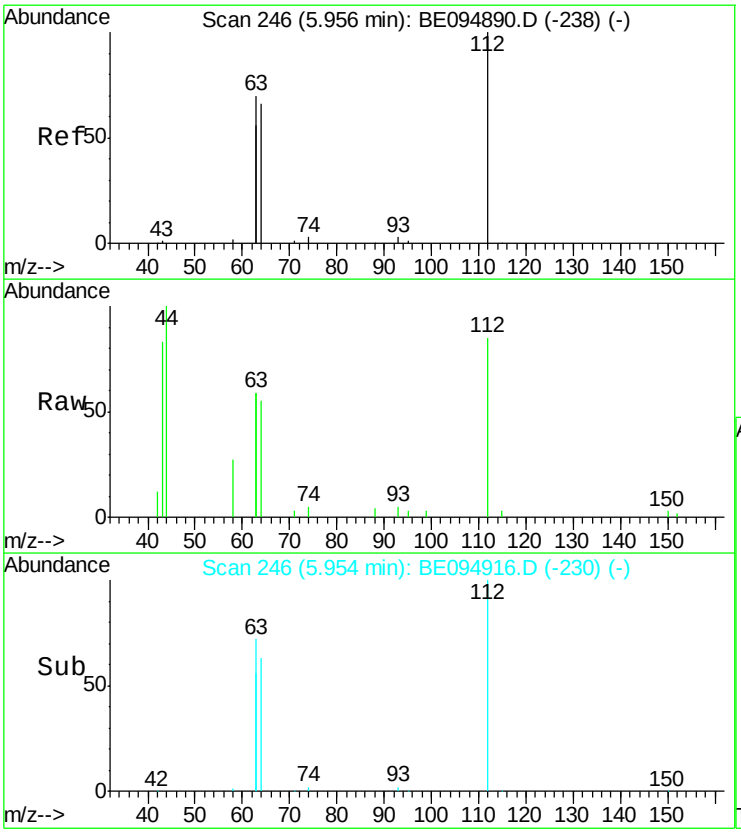
#3
n-Nitrosodimethylamine
Concen: 0.362 ng
RT: 4.02 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion: 42 Resp: 4518

Ion	Ratio	Lower	Upper
42	100		
74	95.8	100.3	150.5#
44	9.1	17.0	25.4#

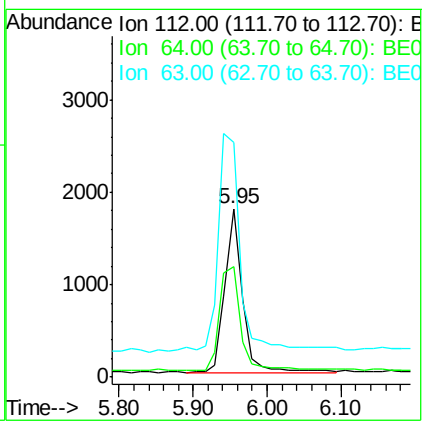


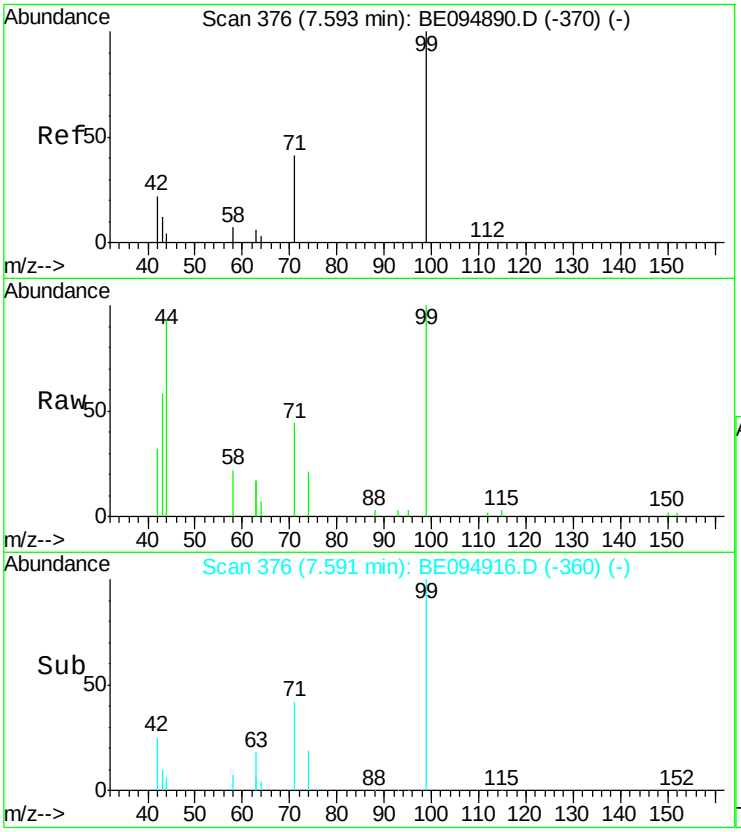


#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:112 Resp: 2937

Ion	Ratio	Lower	Upper
112	100		
64	75.2	60.1	90.1
63	164.4	116.8	175.2



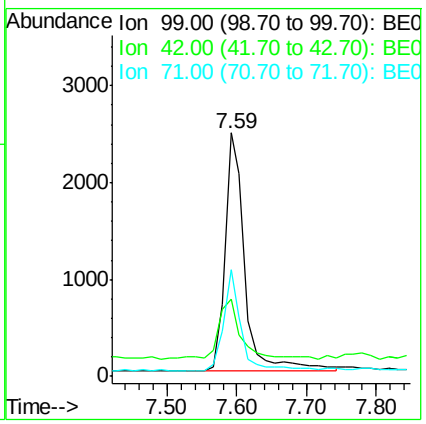


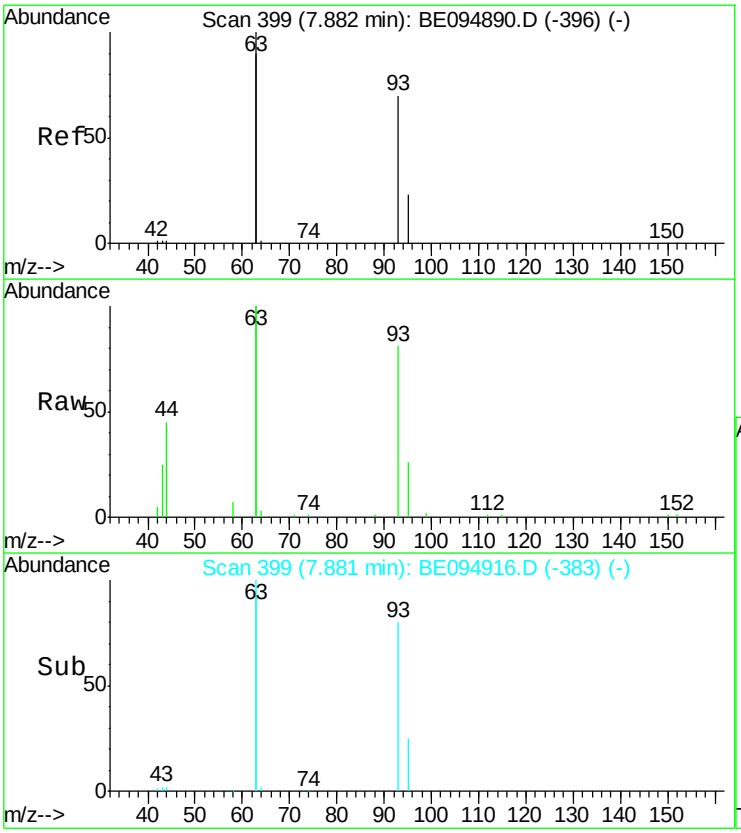
#5
Phenol-d6
Concen: 0.227 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion: 99 Resp: 4980

Ion	Ratio	Lower	Upper
99	100		
42	26.9	20.2	30.2
71	37.5	28.4	42.6

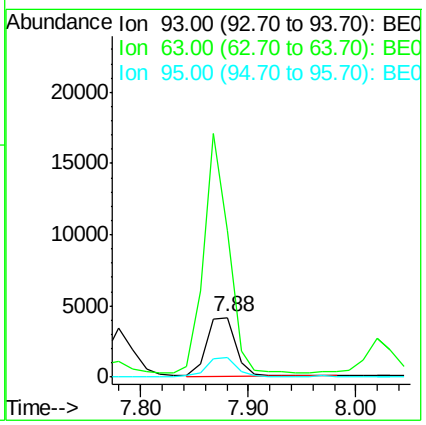


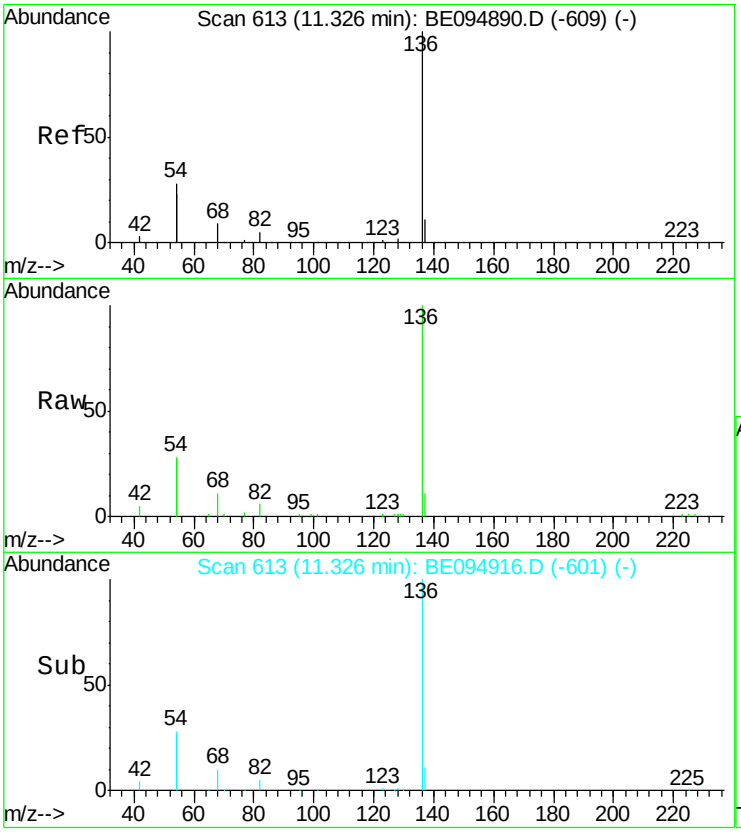


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion: 93 Resp: 7616

Ion	Ratio	Lower	Upper
93	100		
63	345.6	275.3	412.9
95	30.7	25.2	37.8



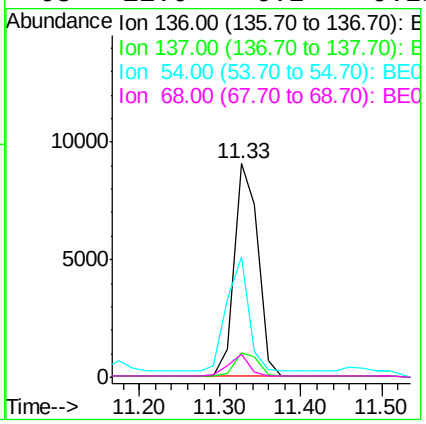


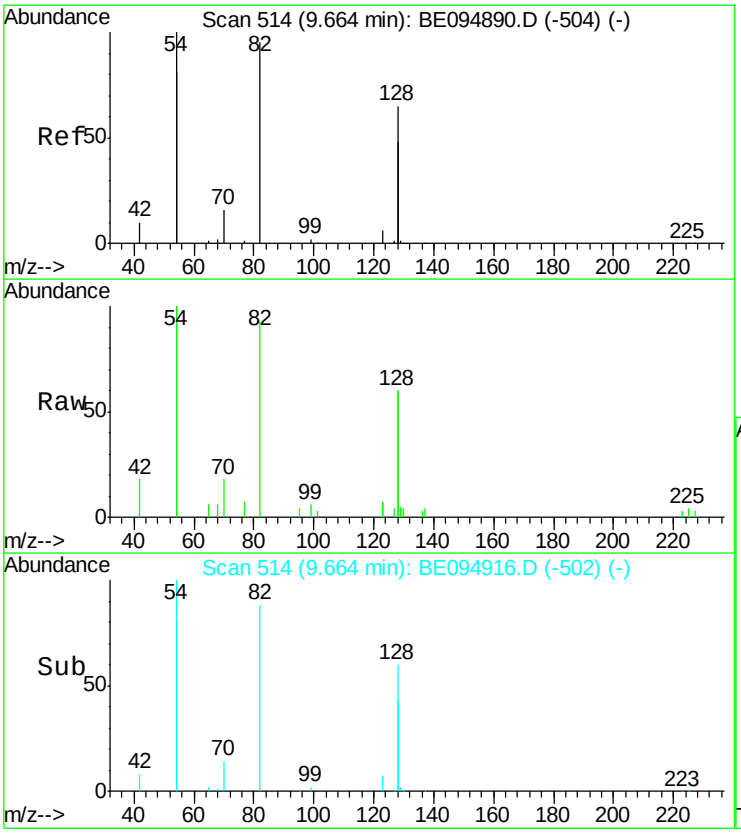
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:136 Resp: 18329

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	56.6	29.1	43.7#
68	11.0	6.2	9.2#

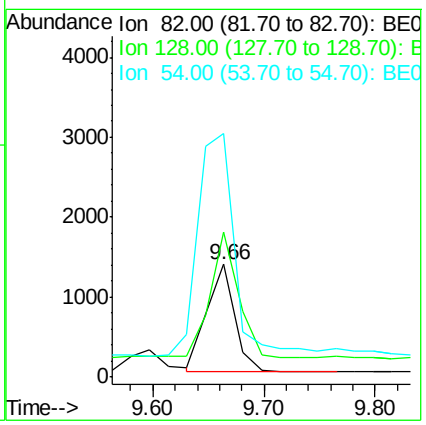


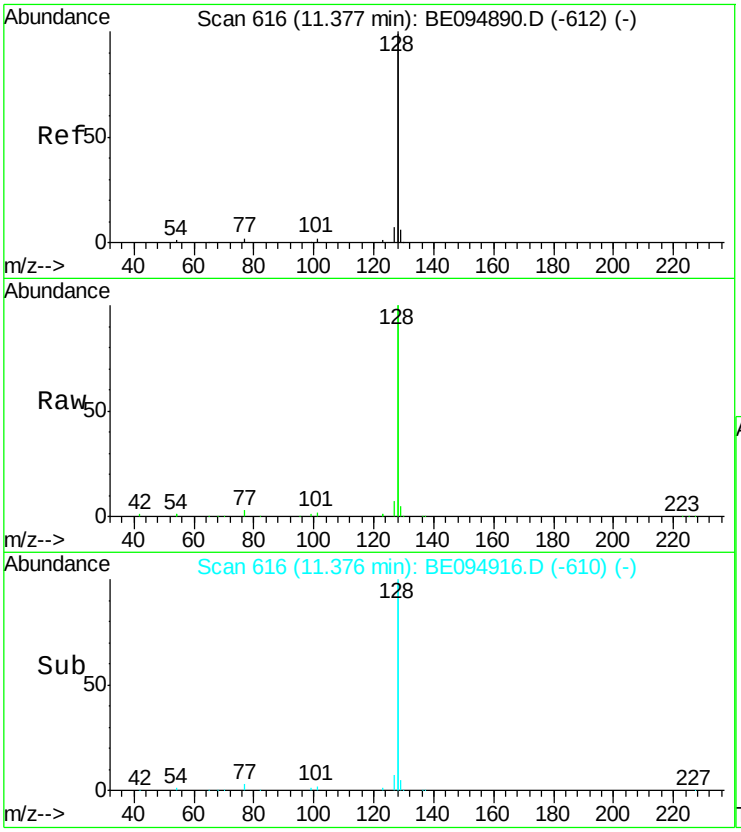


#8
Nitrobenzene-d5
Concen: 0.218 ng
RT: 9.66 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion: 82 Resp: 2366

Ion	Ratio	Lower	Upper
82	100		
128	128.7	150.0	225.0#
54	216.2	154.2	231.4



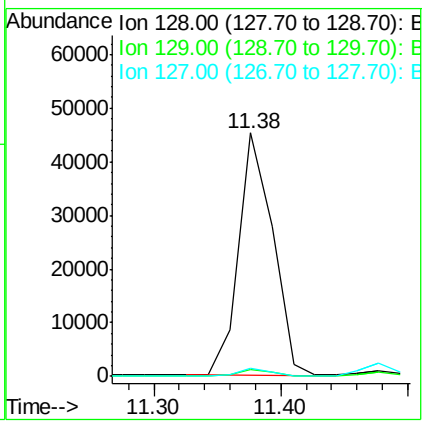


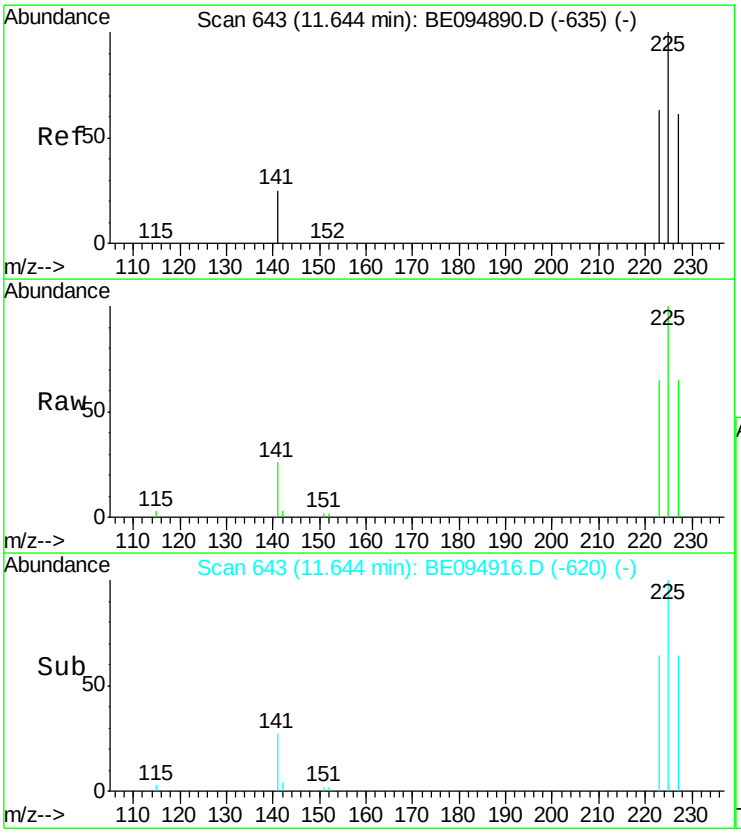
#9
Naphthalene
Concen: 0.393 ng
RT: 11.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:128 Resp: 84431

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.5	2.8	4.2

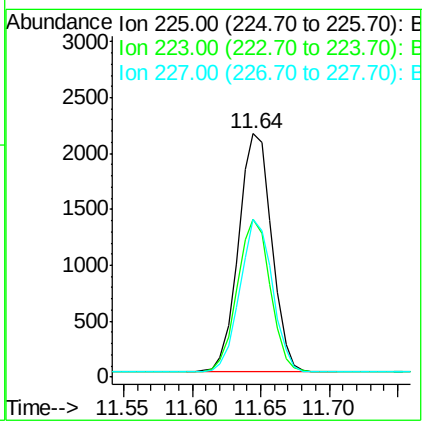


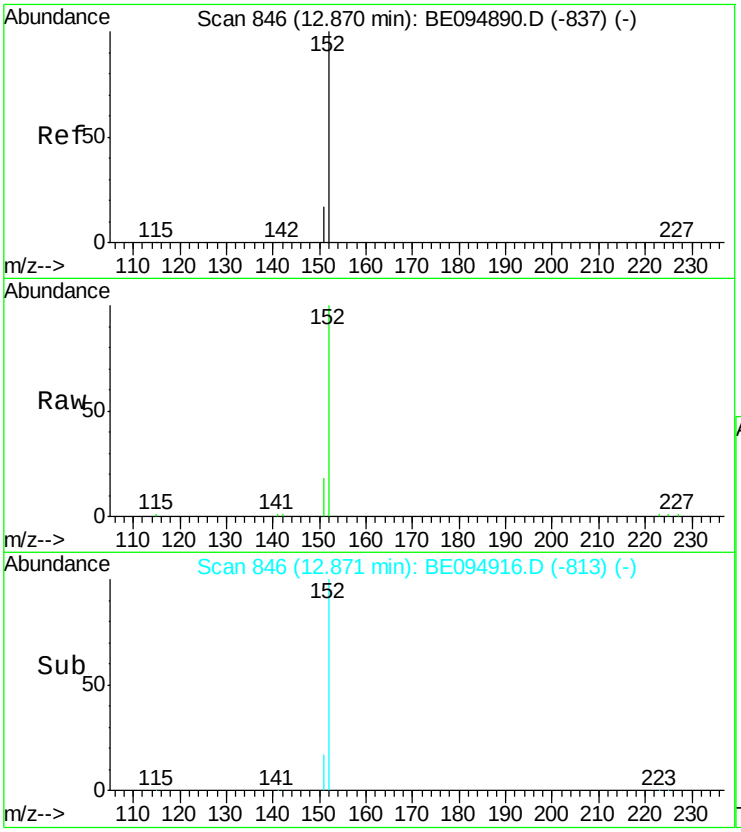


#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:225 Resp: 3600

Ion	Ratio	Lower	Upper
225	100		
223	63.5	53.0	79.6
227	62.7	51.4	77.2



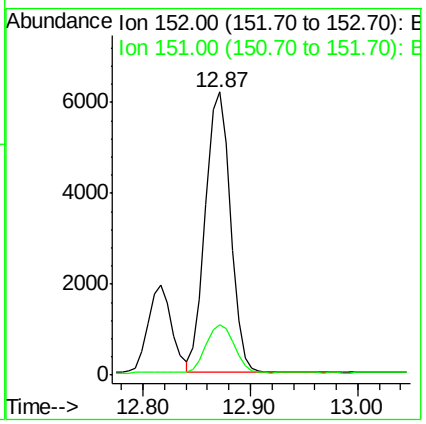


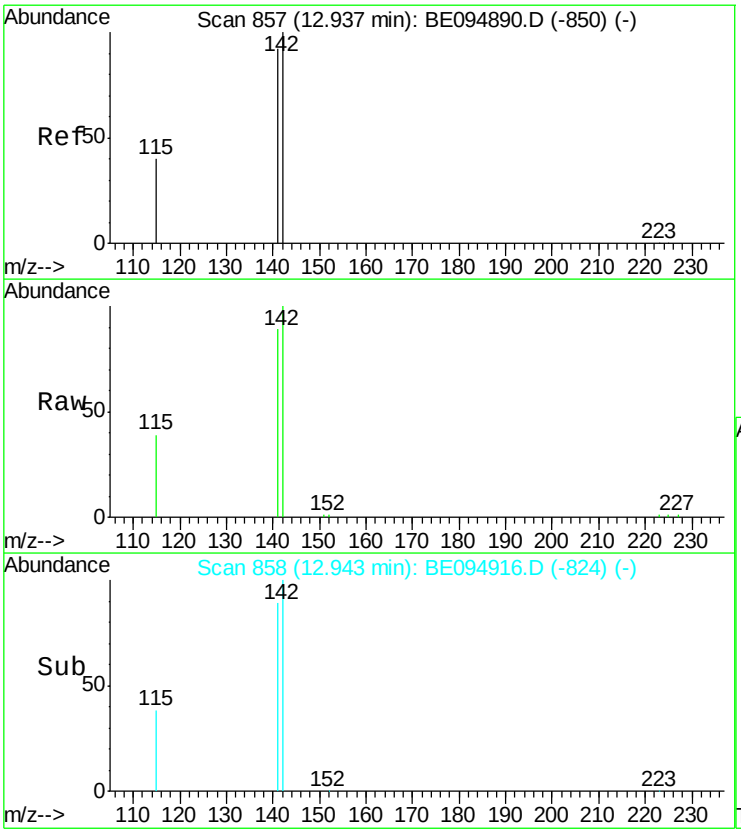
#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:152 Resp: 9881

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

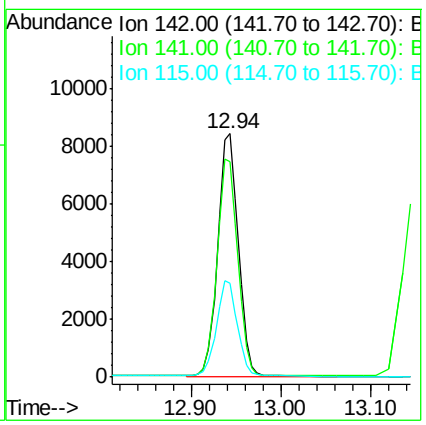


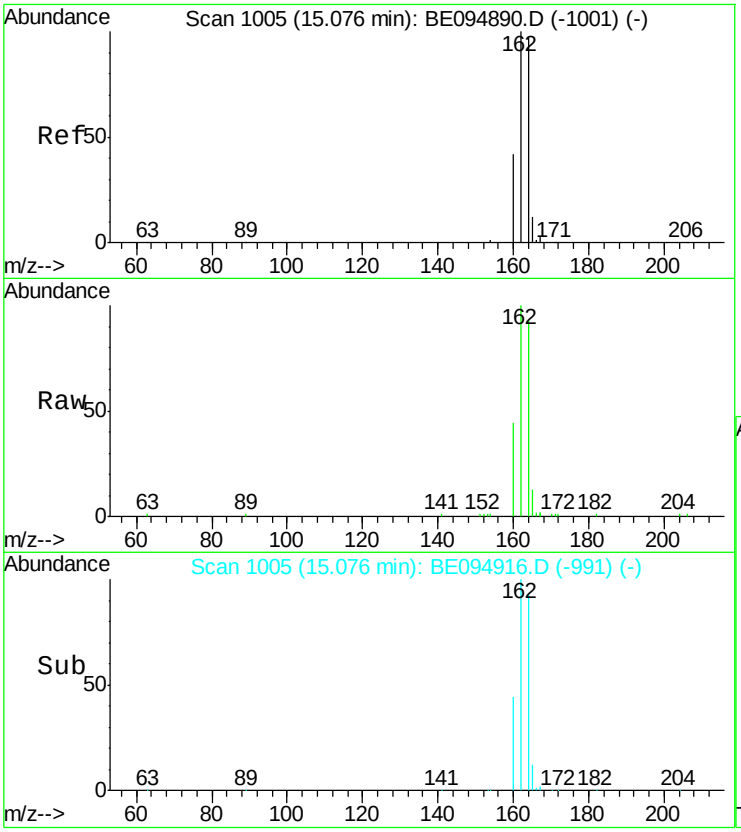


#12
2-Methylnaphthalene
Concen: 0.371 ng
RT: 12.94 min Scan# 858
Delta R.T. 0.01 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:142 Resp: 19829

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	38.8	31.7	47.5



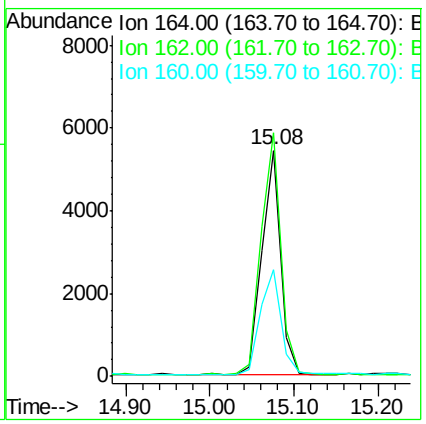


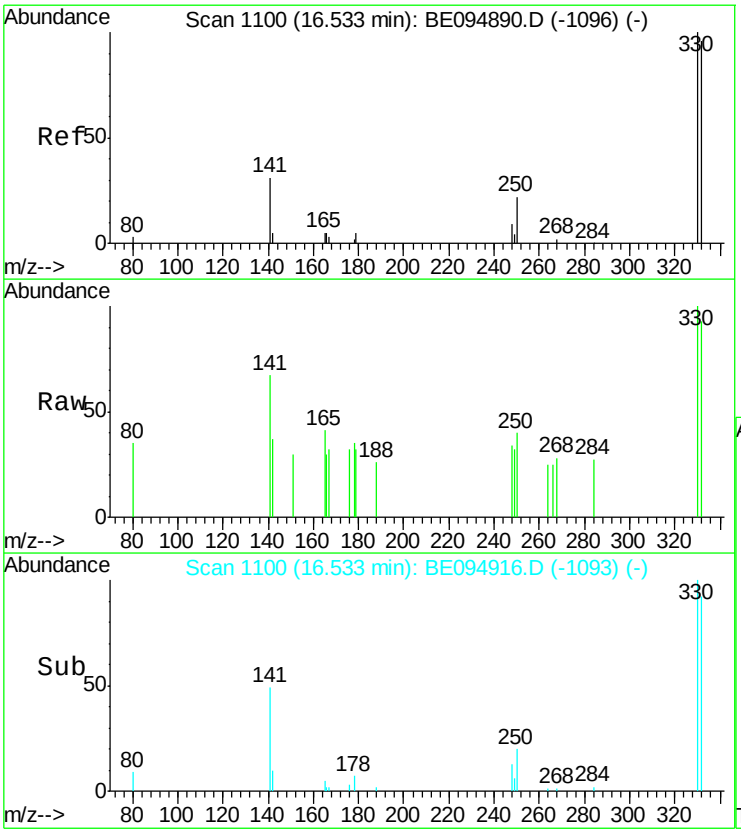
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:164 Resp: 8433

Ion	Ratio	Lower	Upper
164	100		
162	107.8	83.1	124.7
160	47.4	37.1	55.7

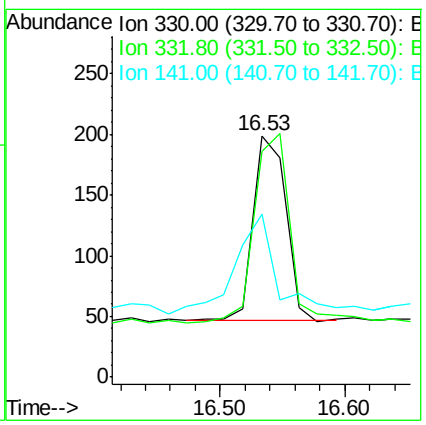


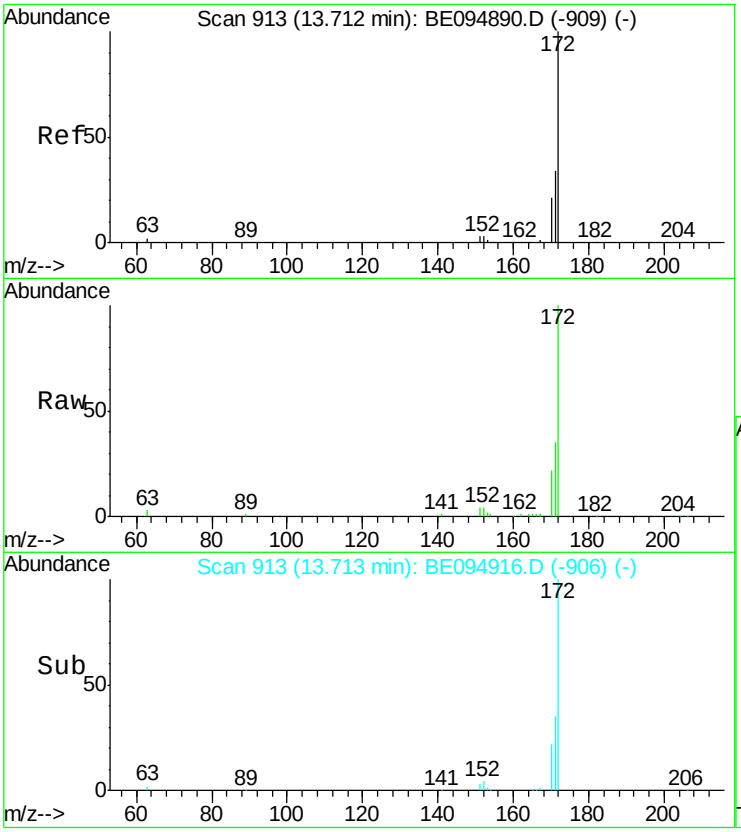


#14
2,4,6-Tribromophenol
Concen: 0.230 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:330 Resp: 275

Ion	Ratio	Lower	Upper
330	100		
332	116.0	152.7	229.1#
141	72.7	33.7	50.5#



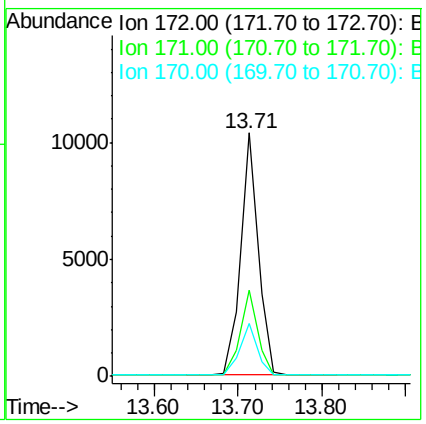


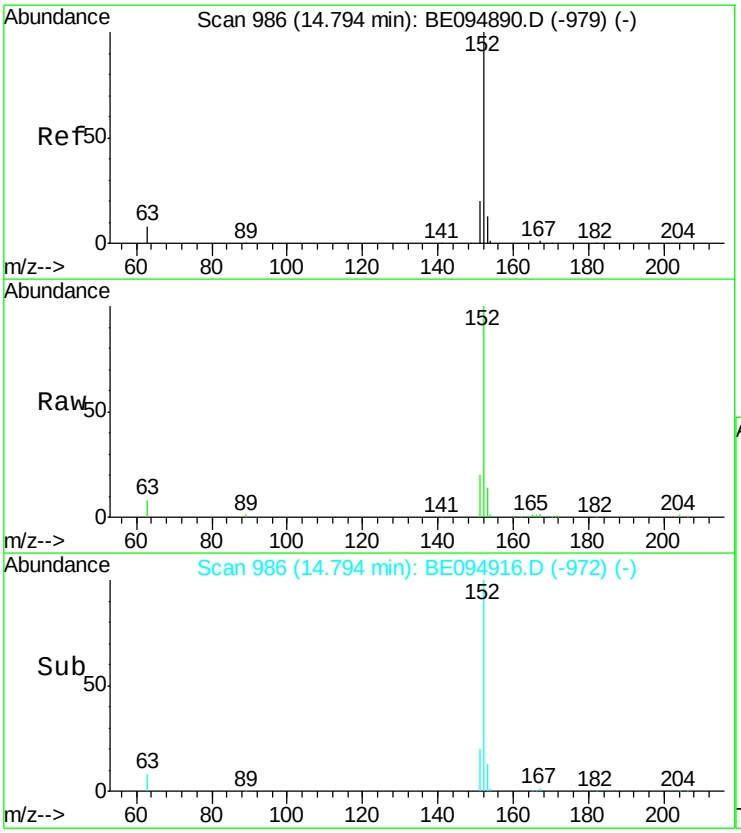
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:172 Resp: 14955

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	22.0	21.8	32.8

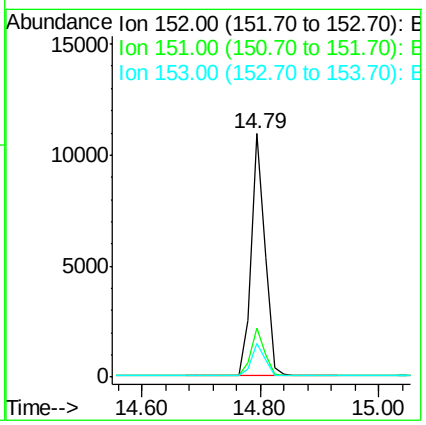


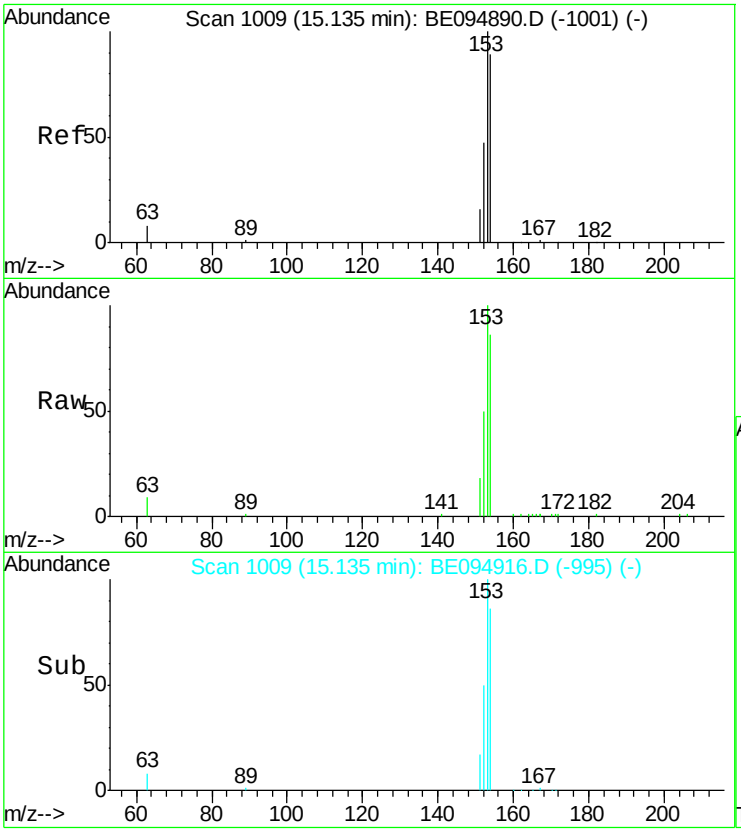


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:152 Resp: 17275

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.4	10.5	15.7



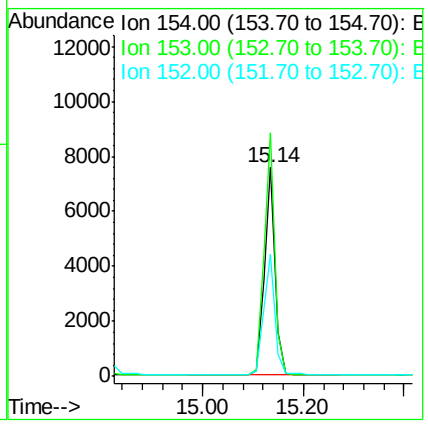


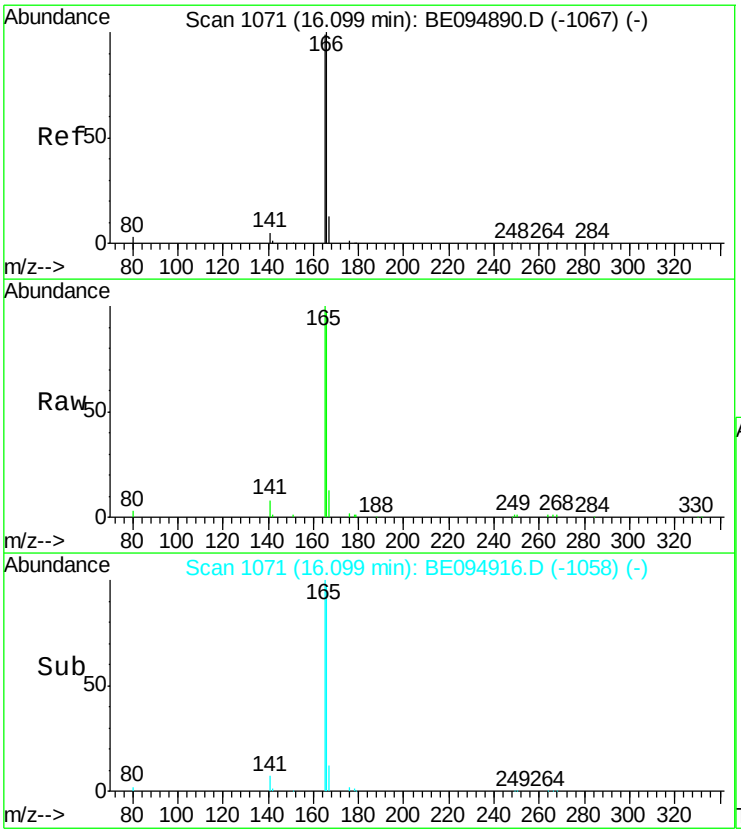
#17
Acenaphthene
Concen: 0.372 ng
RT: 15.14 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:154 Resp: 11472

Ion	Ratio	Lower	Upper
154	100		
153	116.9	89.2	133.8
152	60.6	42.0	63.0

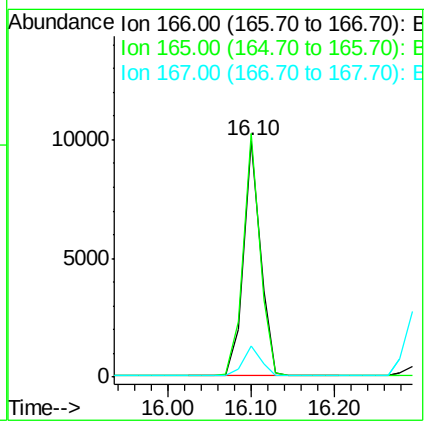


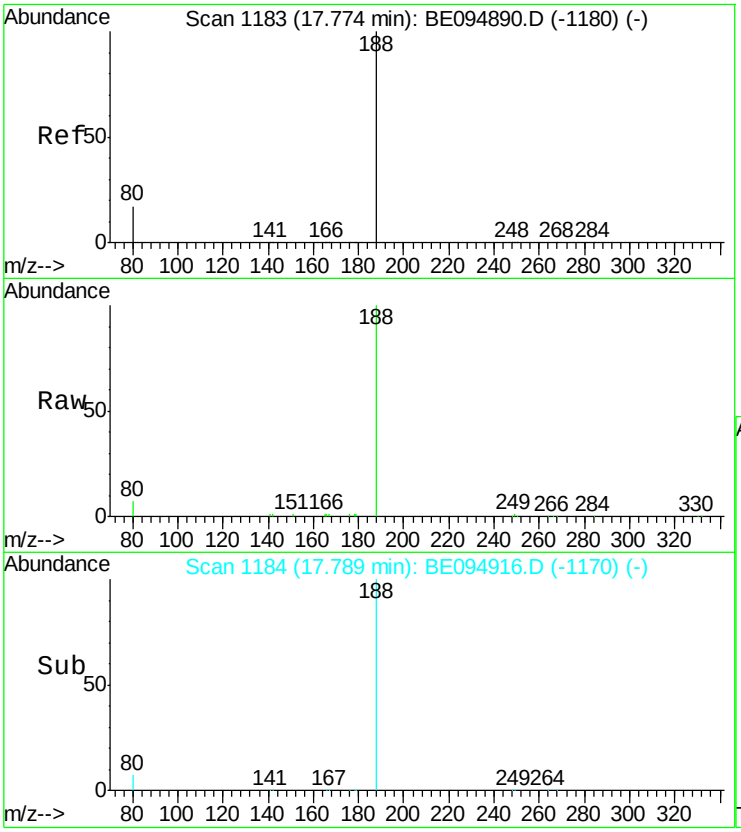


#18
Fluorene
Concen: 0.359 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:166 Resp: 14051

Ion	Ratio	Lower	Upper
166	100		
165	101.9	77.8	116.6
167	13.8	42.4	63.6#



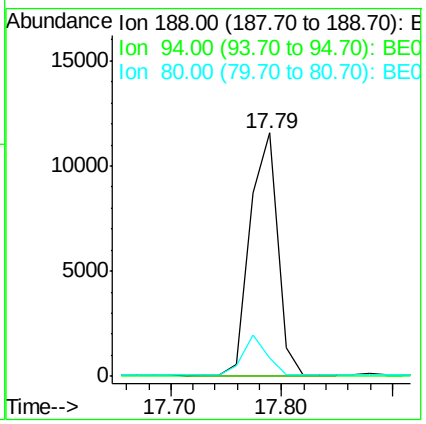


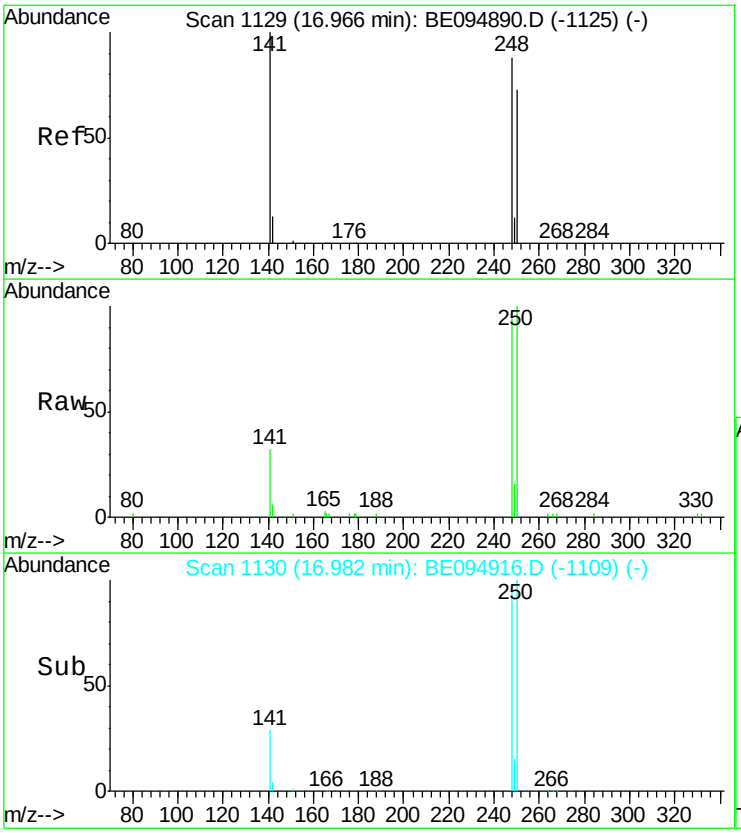
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.79 min Scan# 1184
Delta R.T. 0.02 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:188 Resp: 19921

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.3	3.6	5.4#

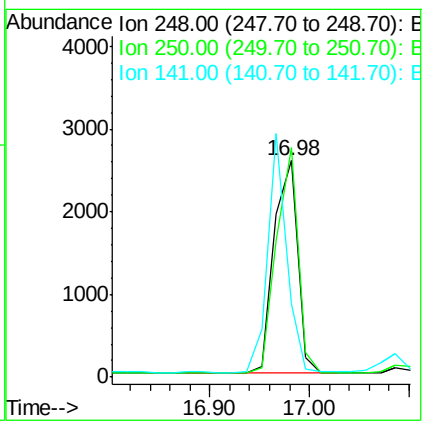


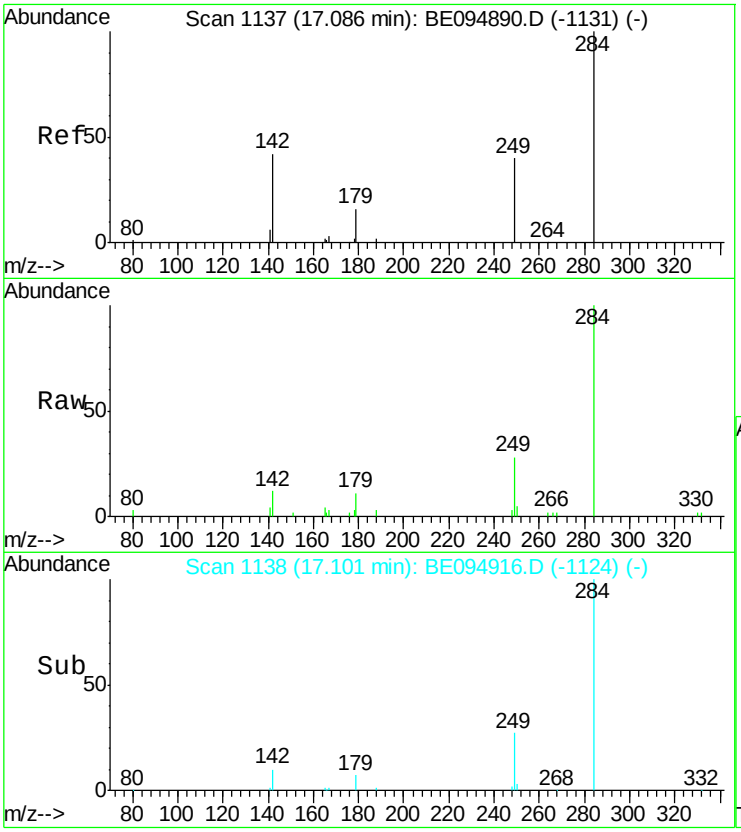


#20
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.98 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:248 Resp: 4283

Ion	Ratio	Lower	Upper
248	100		
250	106.2	62.7	94.1#
141	33.6	48.2	72.2#



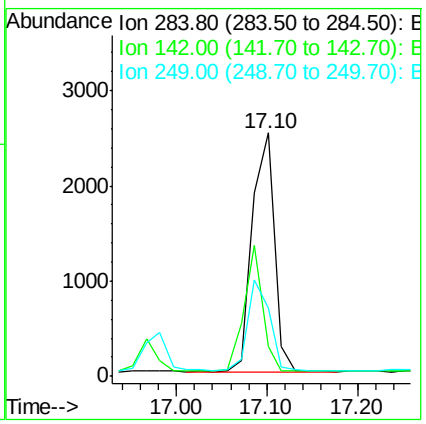


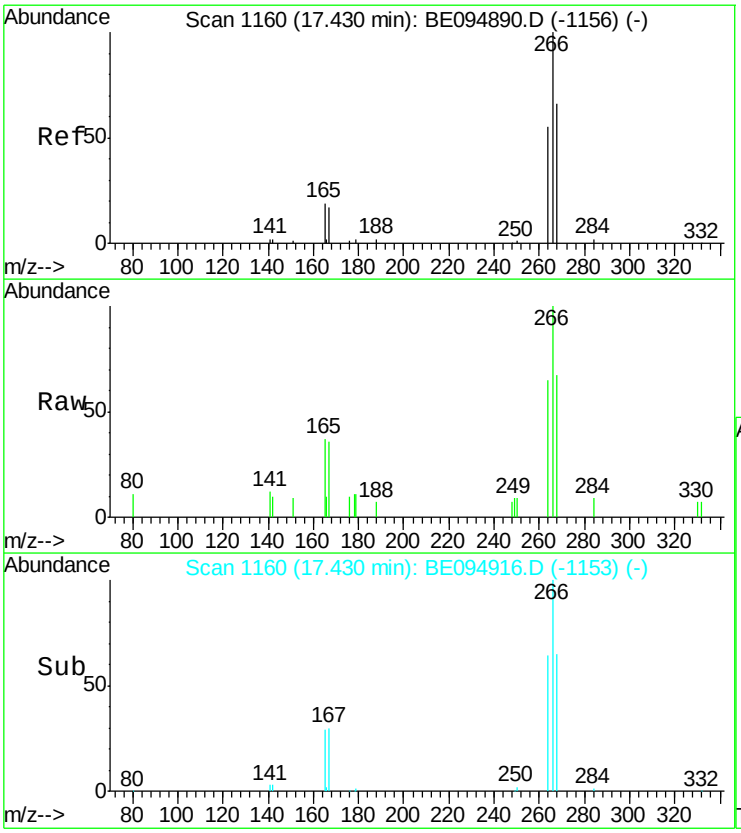
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 17.10 min Scan# 1138
Delta R.T. 0.02 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:284 Resp: 4292

Ion	Ratio	Lower	Upper
284	100		
142	45.2	22.1	33.1#
249	37.0	34.8	52.2

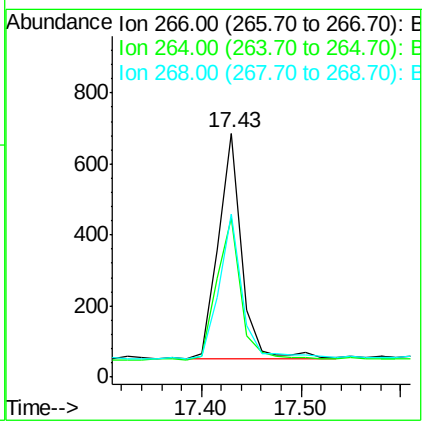


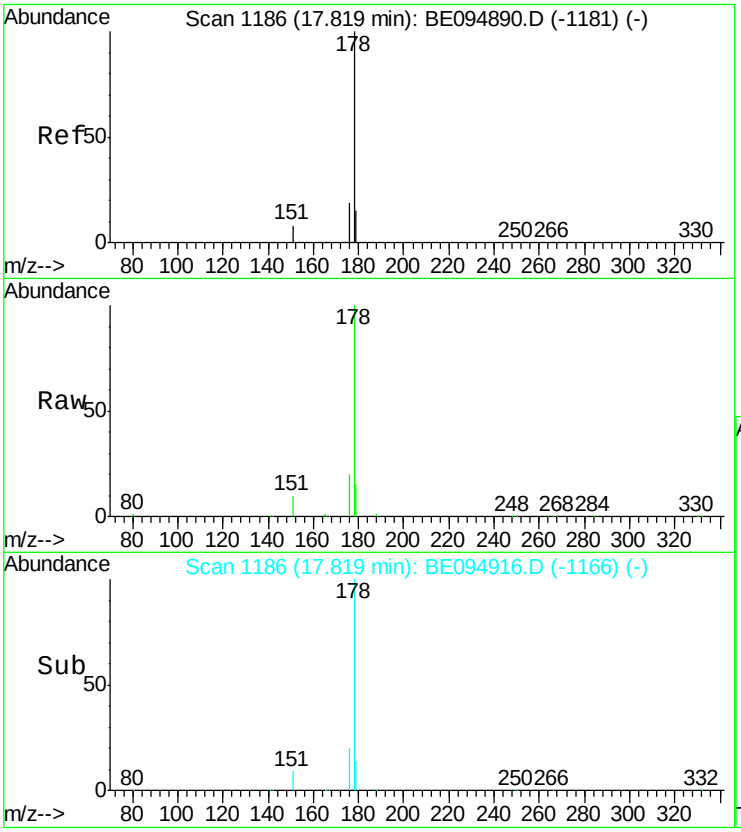


#22
Pentachlorophenol
Concen: 0.419 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:266 Resp: 1024

Ion	Ratio	Lower	Upper
266	100		
264	65.3	72.5	108.7#
268	66.9	73.8	110.6#



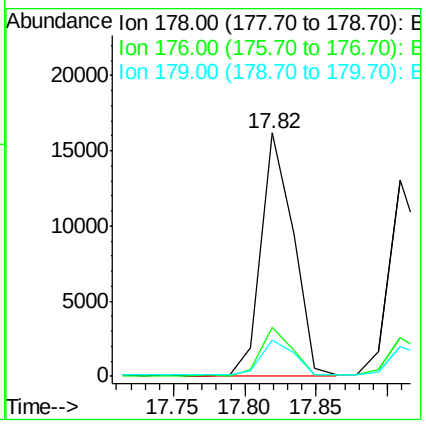


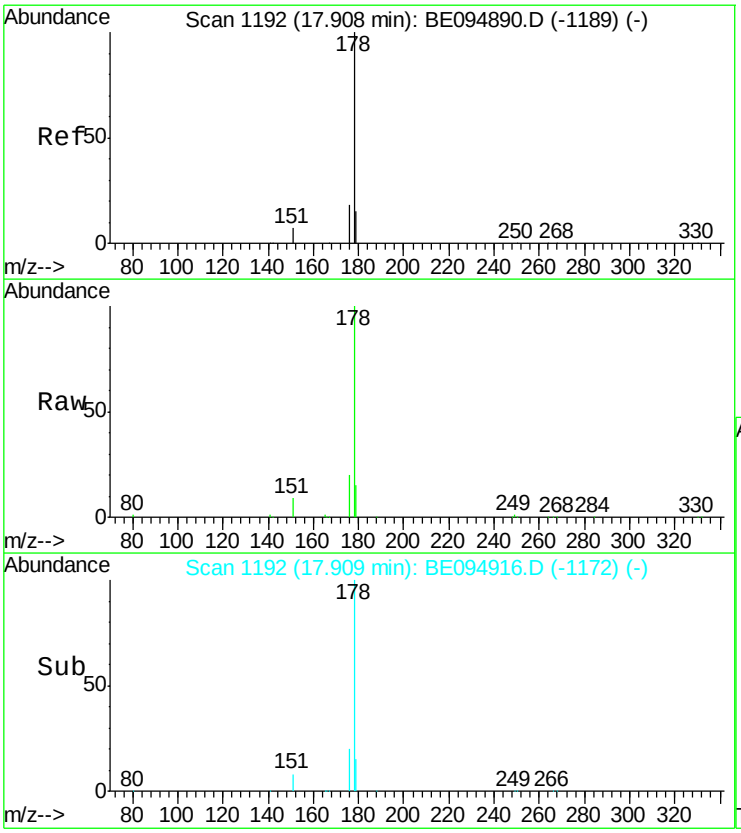
#23
Phenanthrene
Concen: 0.396 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:178 Resp: 25114

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.6	11.8	17.6

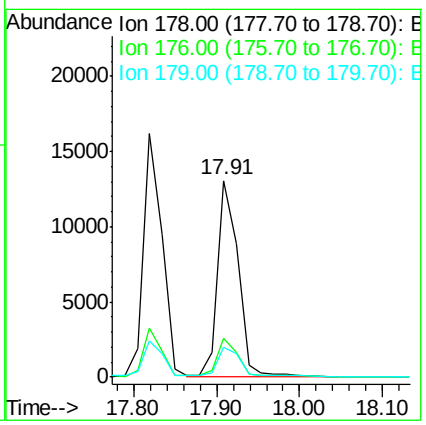


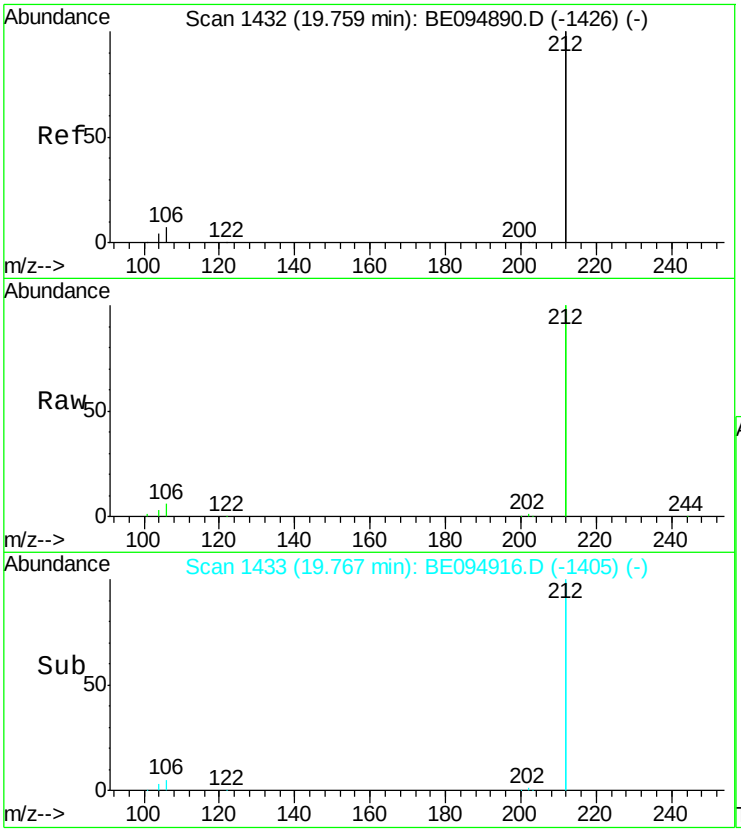


#24
Anthracene
Concen: 0.368 ng
RT: 17.91 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:178 Resp: 24772

Ion	Ratio	Lower	Upper
178	100		
176	20.7	12.8	19.2#
179	17.6	13.0	19.6



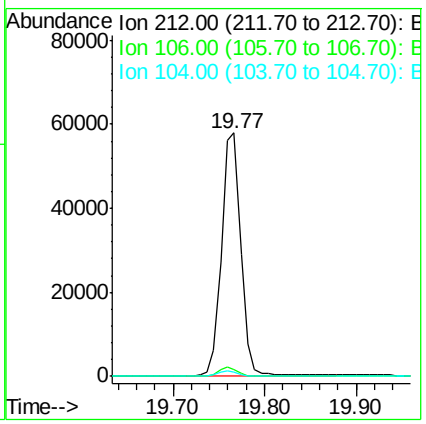


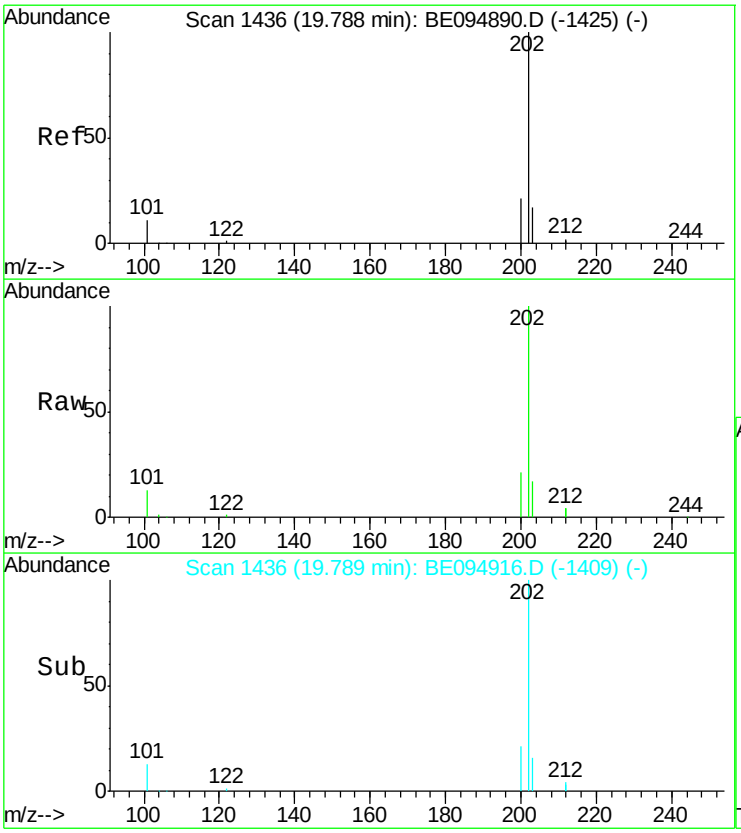
#25
Fluoranthene-d10
Concen: 0.306 ng
RT: 19.77 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:212 Resp: 83325

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.1	1.6	2.4

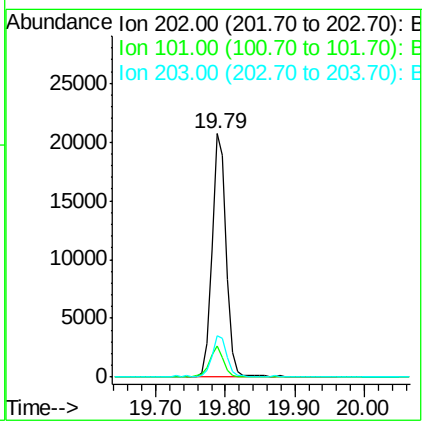


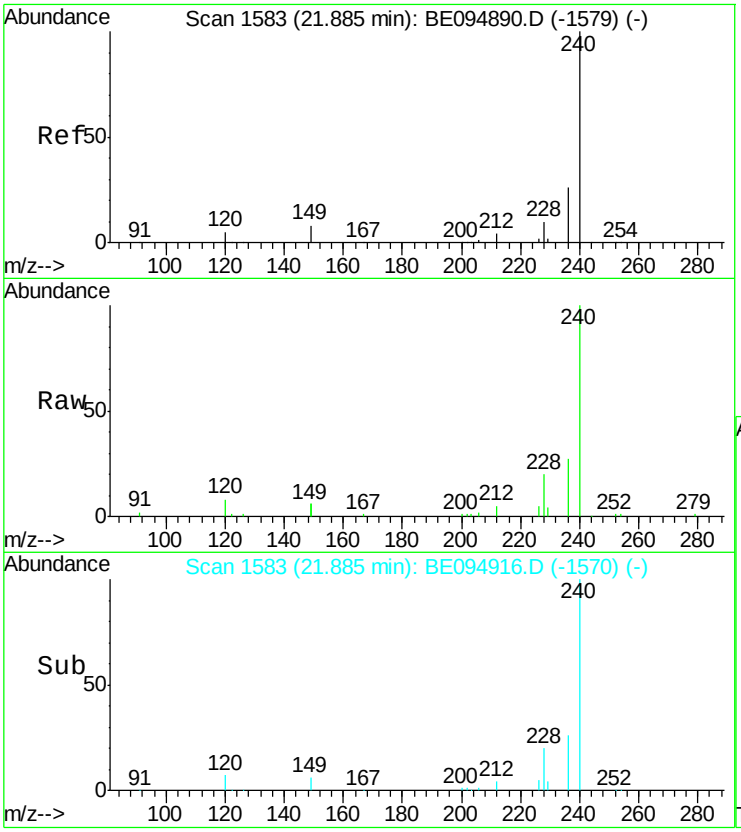


#26
Fluoranthene
Concen: 0.352 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:202 Resp: 28705

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
203	17.2	13.7	20.5



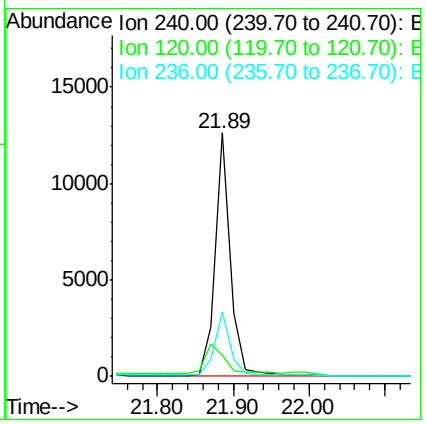


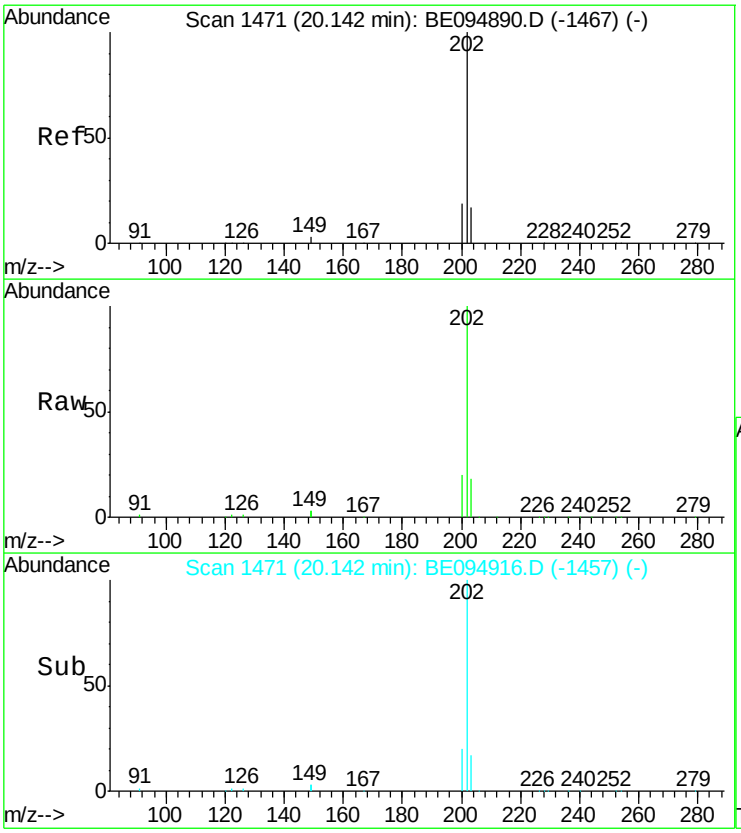
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:240 Resp: 19218

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

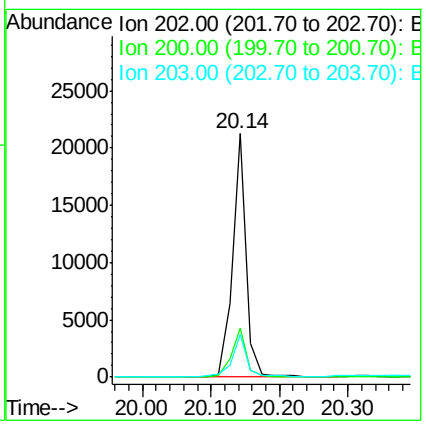


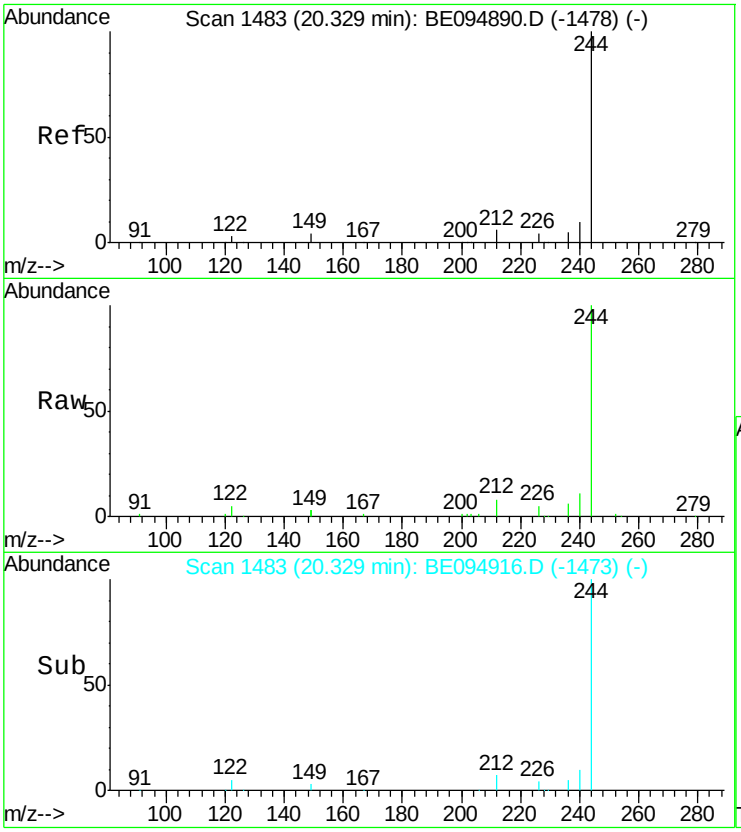


#28
Pyrene
Concen: 0.437 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:202 Resp: 29016

Ion	Ratio	Lower	Upper
202	100		
200	24.2	16.6	25.0
203	17.7	13.8	20.8



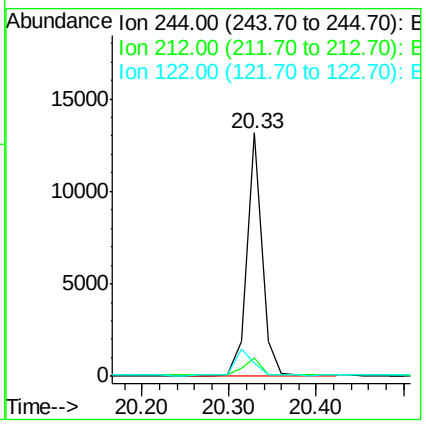


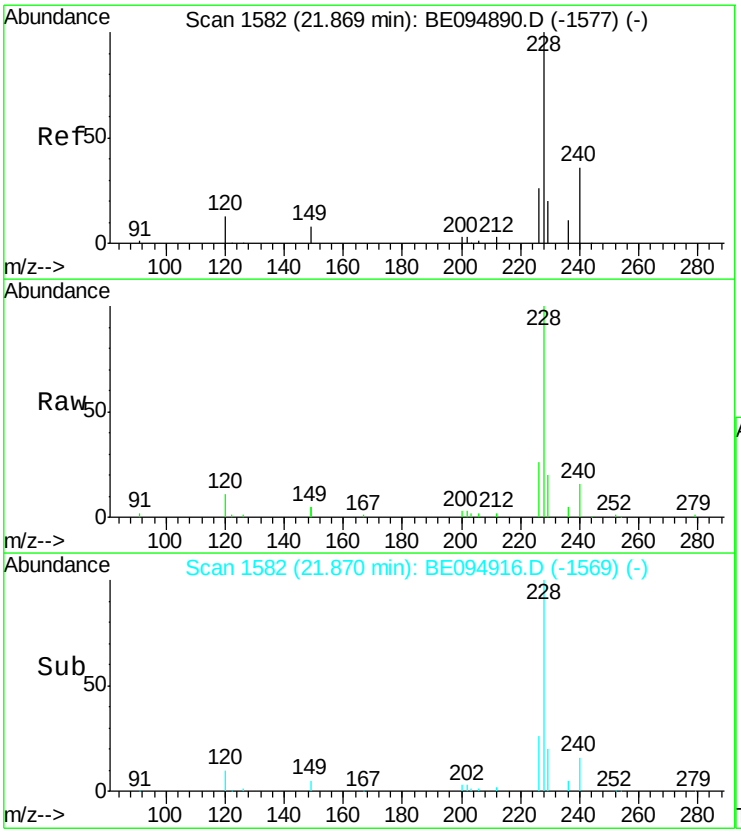
#29
Terphenyl-d14
Concen: 0.446 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:244 Resp: 15823

Ion	Ratio	Lower	Upper
244	100		
212	7.8	25.4	38.0#
122	5.3	8.1	12.1#

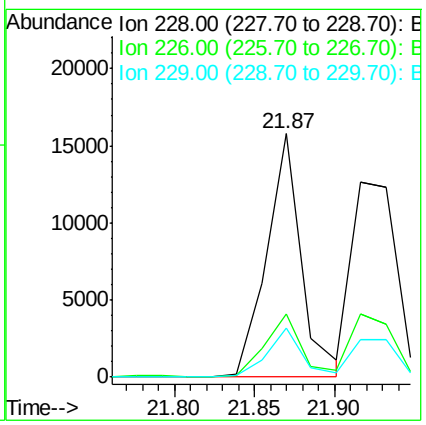


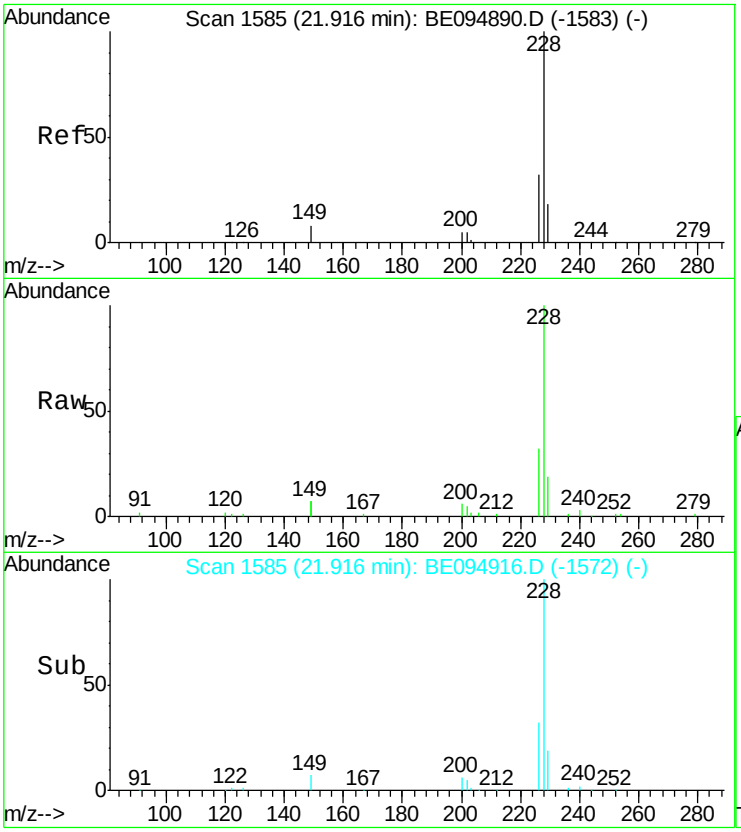


#30
Benzo(a)anthracene
Concen: 0.404 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:228 Resp: 23815

Ion	Ratio	Lower	Upper
228	100		
226	26.2	40.0	60.0#
229	20.2	40.0	60.0#



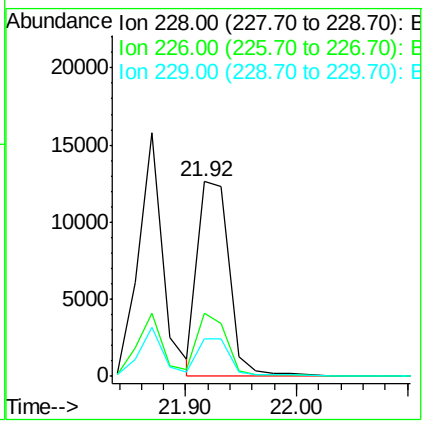


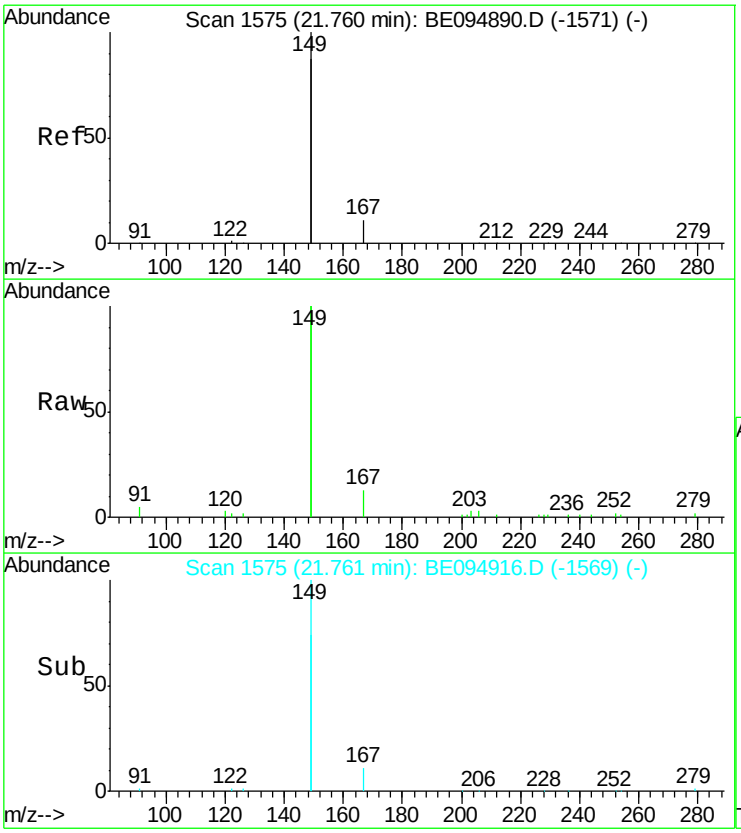
#31
Chrysene
Concen: 0.418 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:228 Resp: 27207

Ion	Ratio	Lower	Upper
228	100		
226	32.2	40.0	60.0#
229	19.0	40.0	60.0#

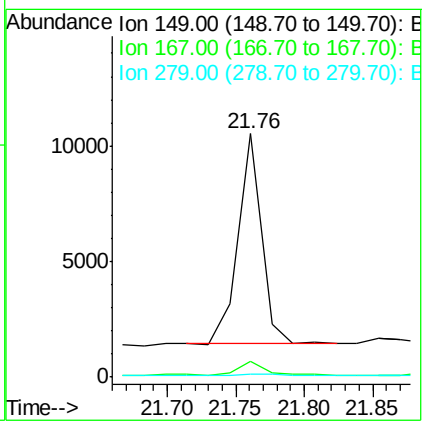


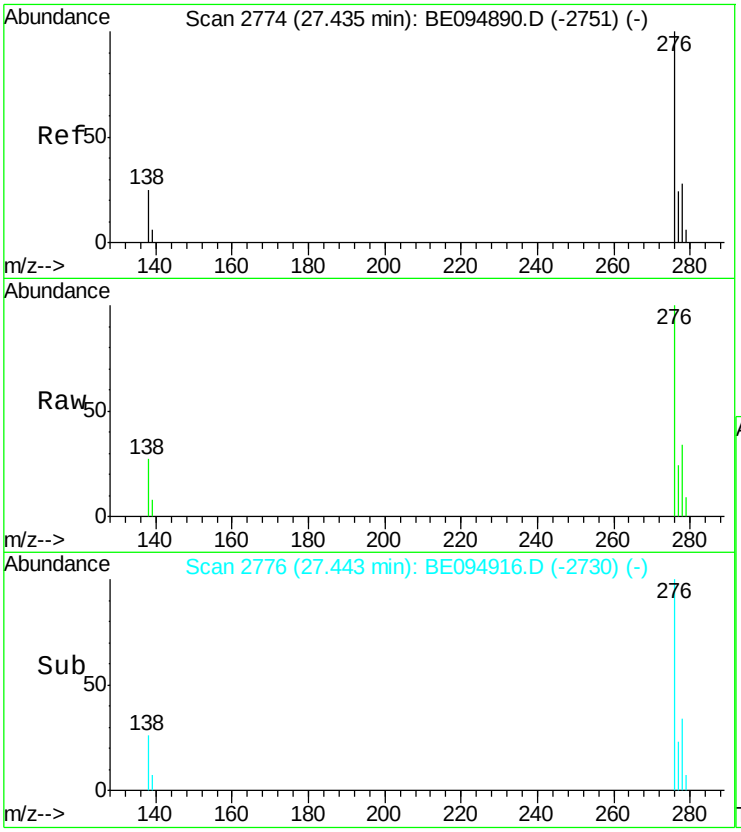


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 21.76 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:149 Resp: 10932

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.8	0.7	1.1



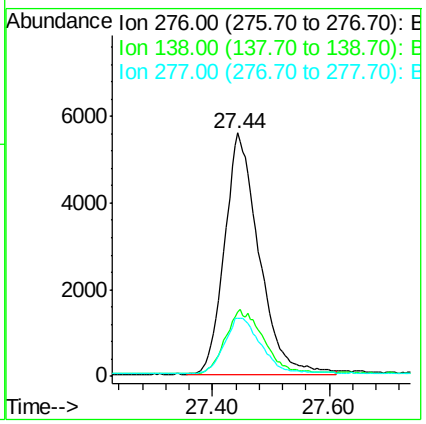


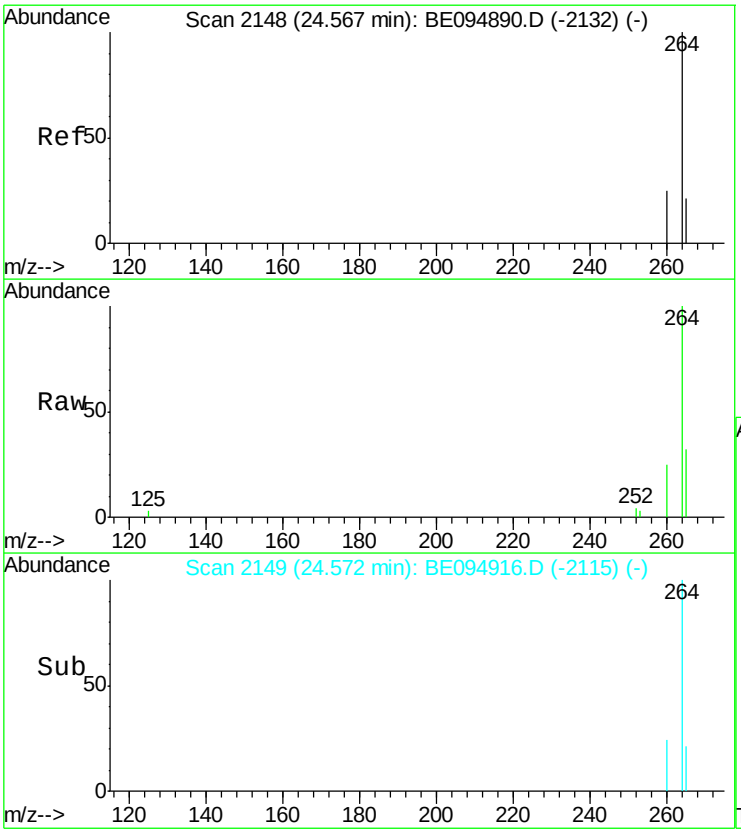
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng
RT: 27.44 min Scan# 2776
Delta R.T. 0.01 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:276 Resp: 22712

Ion	Ratio	Lower	Upper
276	100		
138	29.3	22.5	33.7
277	24.6	19.9	29.9

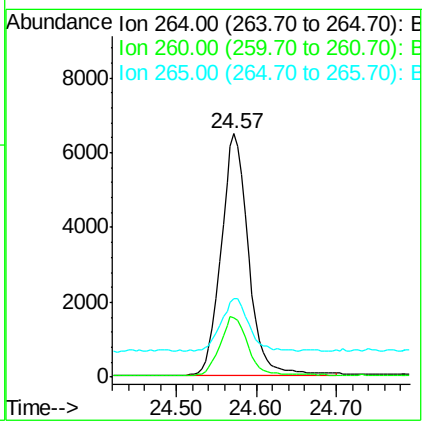


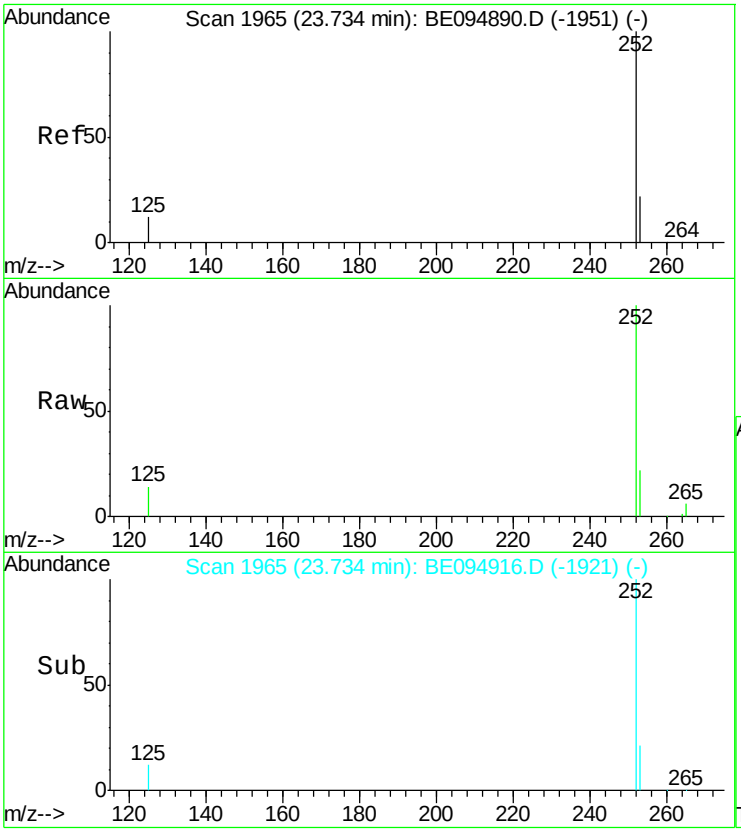


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:264 Resp: 15256

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.5	30.7
265	32.4	22.8	34.2



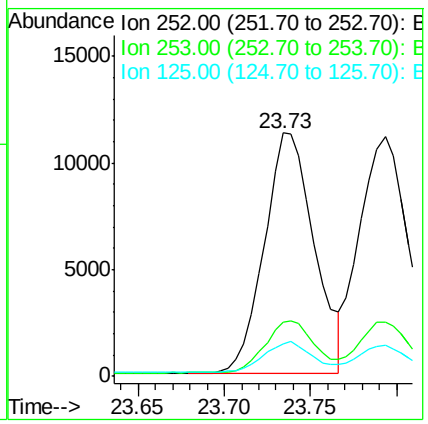


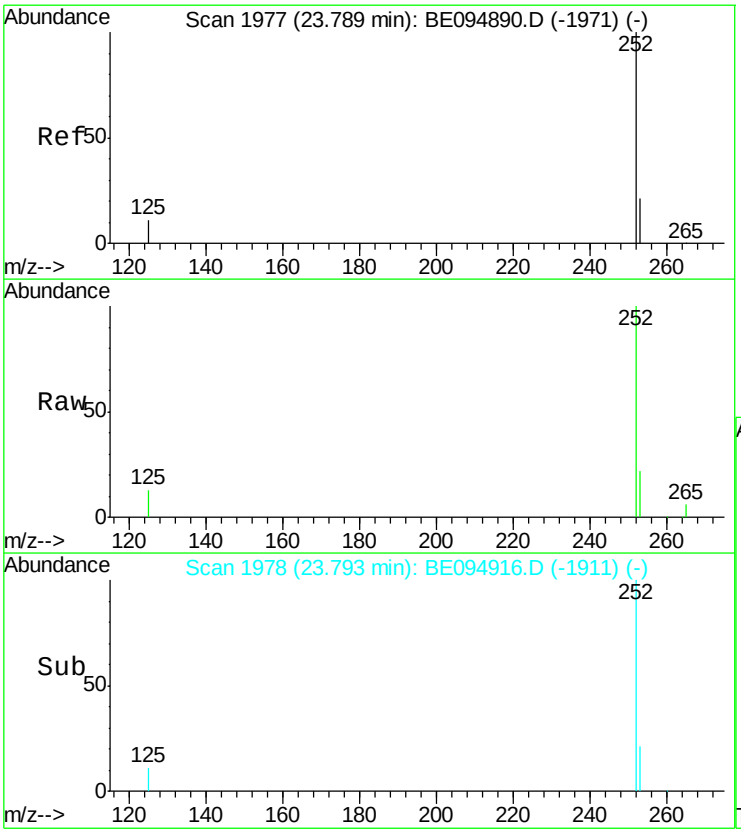
#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 23.73 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:252 Resp: 22762

Ion	Ratio	Lower	Upper
252	100		
253	22.3	48.0	72.0#
125	13.5	56.0	84.0#

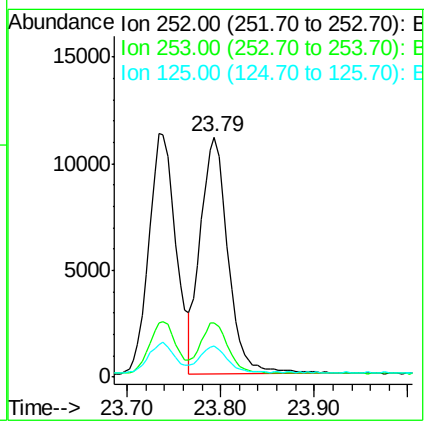


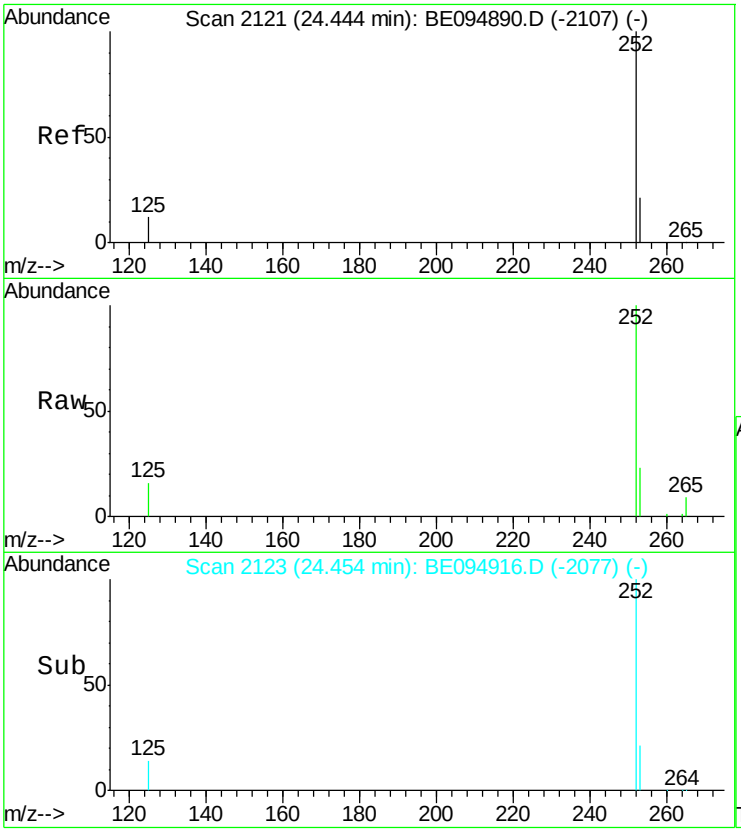


#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 23.79 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:252 Resp: 22638

Ion	Ratio	Lower	Upper
252	100		
253	22.5	48.0	72.0#
125	12.9	56.0	84.0#



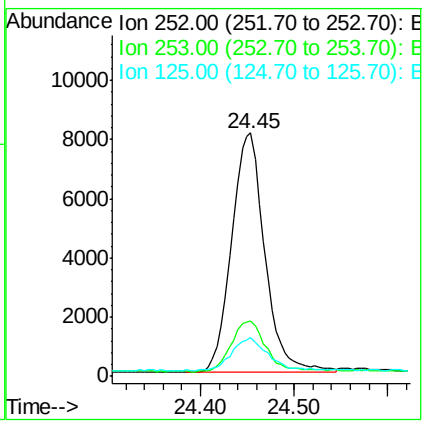


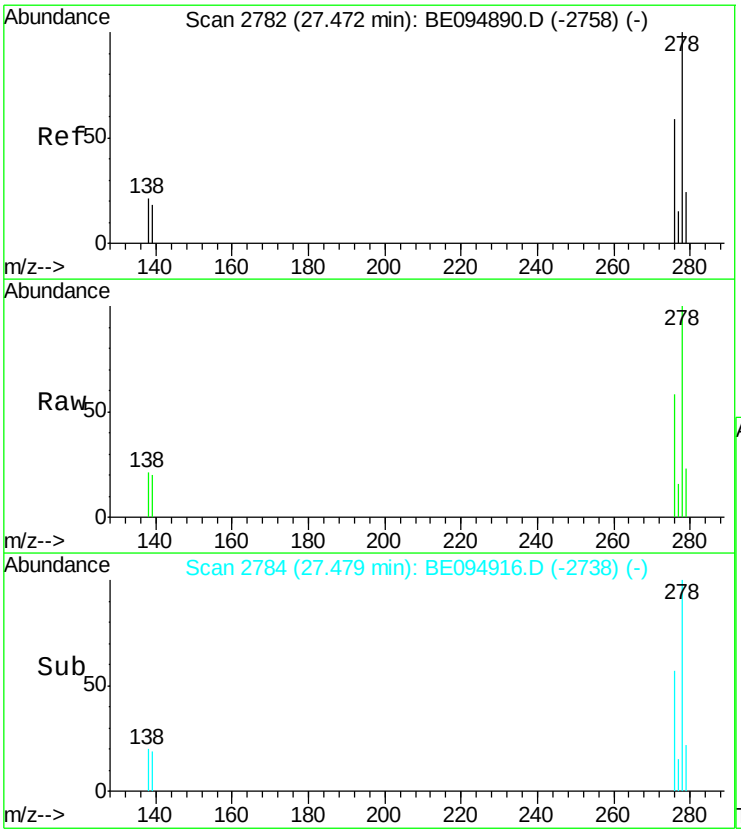
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 24.45 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:252 Resp: 20086

Ion	Ratio	Lower	Upper
252	100		
253	22.9	52.0	78.0#
125	16.1	68.0	102.0#

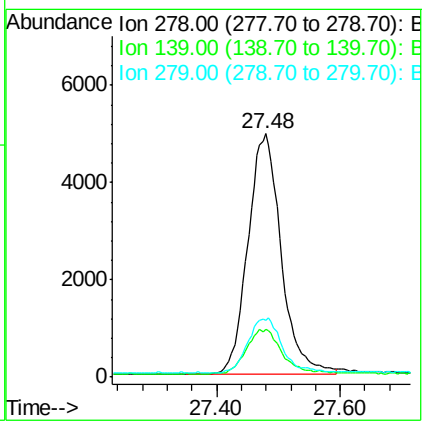


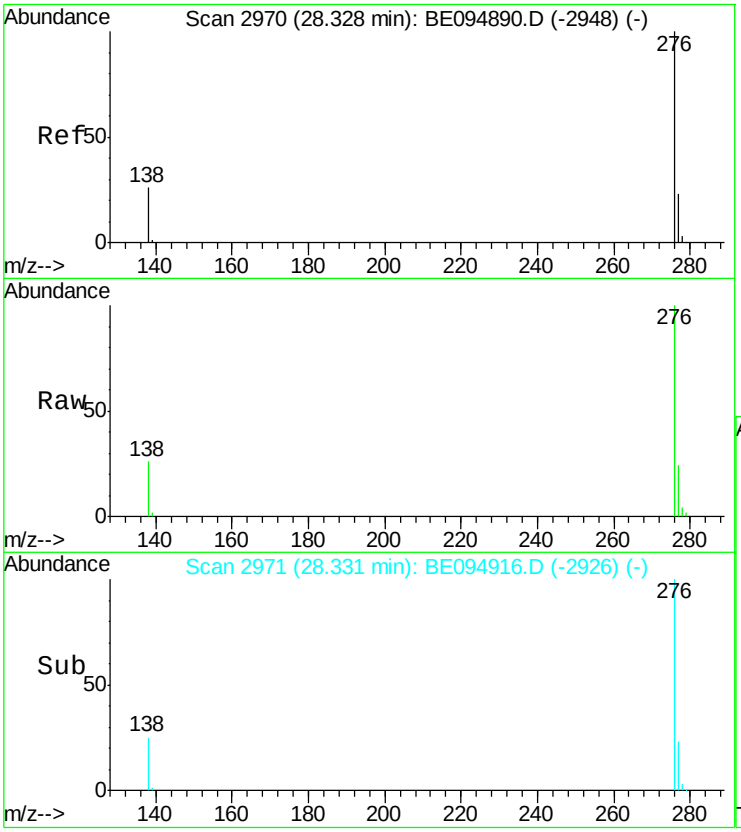


#38
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 27.48 min Scan# 2784
Delta R.T. 0.01 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Tgt Ion:278 Resp: 18518

Ion	Ratio	Lower	Upper
278	100		
139	19.8	56.0	84.0#
279	23.4	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.460 ng
RT: 28.33 min Scan# 2971
Delta R.T. 0.00 min
Lab File: BE094916.D
Acq: 5 Dec 2017 16:02

Instrument :
BNA_E
ClientSampleId :
PB104744BS

Tgt Ion:276 Resp: 20730

Ion	Ratio	Lower	Upper
276	100		
277	23.8	52.0	78.0#
138	25.7	44.0	66.0#