Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094969.D
Acq On : 9 Dec 2017 3:21
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 09 05:39:06 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	6902	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	14755	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	8545	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	21323	0.40	ng		0.00
27) Chrysene-d12	21.89	240	22534	0.40	ng		0.00
34) Perylene-d12	24.56	264	17436	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	4341	0.40	ng		0.00
5) Phenol-d6	7.59	99	6486	0.40	ng		0.00
8) Nitrobenzene-d5	9.67	82	4883	0.56	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	9534	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	961	0.52	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	14625	0.40	ng		0.00
25) Fluoranthene-d10	19.76	212	103625	0.36	ng		0.00
29) Terphenyl-d14	20.33	244	16842	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	2693	0.373	ng	#	88
3) n-Nitrosodimethylamine	4.02	42	3289	0.357	ng	#	82
6) bis(2-Chloroethyl)ether	7.87	93	5892	0.367	ng		96
9) Naphthalene	11.38	128	68715	0.397	ng		100
10) Hexachlorobutadiene	11.64	225	2954	0.405	ng		98
12) 2-Methylnaphthalene	12.94	142	17189	0.400	ng		98
16) Acenaphthylene	14.79	152	17943	0.372	ng		99
17) Acenaphthene	15.13	154	12215	0.391	ng		96
18) Fluorene	16.10	166	15513	0.391	ng	#	79
20) 4-Bromophenyl-phenylether	16.97	248	4542	0.382	ng	#	68
21) Hexachlorobenzene	17.10	284	4778	0.412	ng	#	79
22) Pentachlorophenol	17.43	266	1165	0.437	ng	#	72
23) Phenanthrene	17.82	178	26081	0.384	ng		99
24) Anthracene	17.91	178	26182	0.363	ng	#	94
26) Fluoranthene	19.79	202	31139	0.357	ng		99
28) Pyrene	20.14	202	31310	0.402	ng		99
30) Benzo(a)anthracene	21.86	228	25948	0.376	ng	#	62
31) Chrysene	21.92	228	28742	0.376	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.75	149	39515	0.345	ng		100
33) Indeno(1,2,3-cd)pyrene	27.43	276	24214	0.388	ng		99
35) Benzo(b)fluoranthene	23.73	252	24691	0.388	ng	#	40
36) Benzo(k)fluoranthene	23.78	252	24572	0.379	ng	#	40
37) Benzo(a)pyrene	24.44	252	21900	0.392	ng	#	34
38) Dibenzo(a,h)anthracene	27.46	278	20325	0.394	ng	#	44
39) Benzo(g,h,i)perylene	28.32	276	20025	0.389	ng	#	53

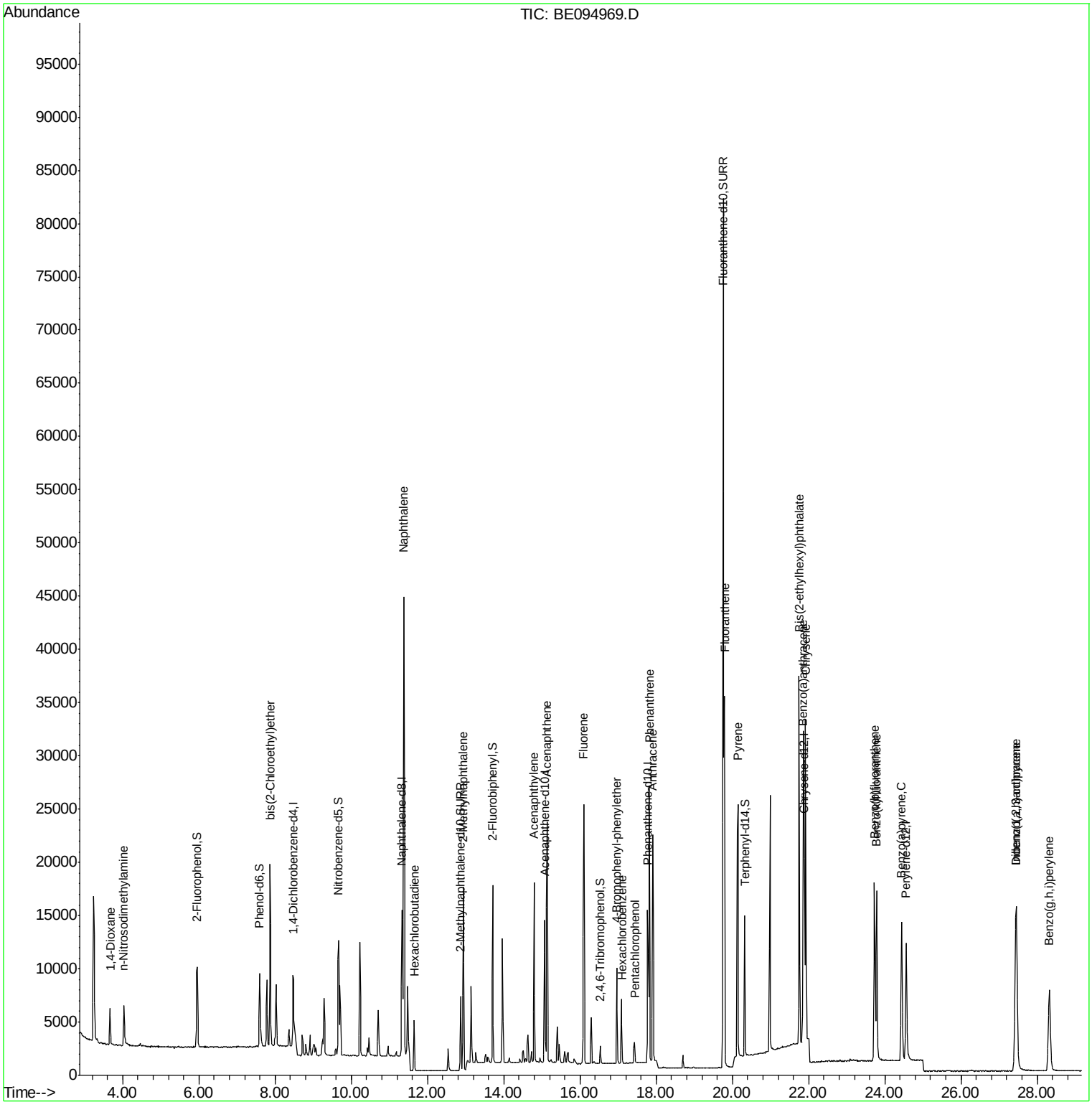
(#) = qualifier out of range (m) = manual integration (+) = signals summed

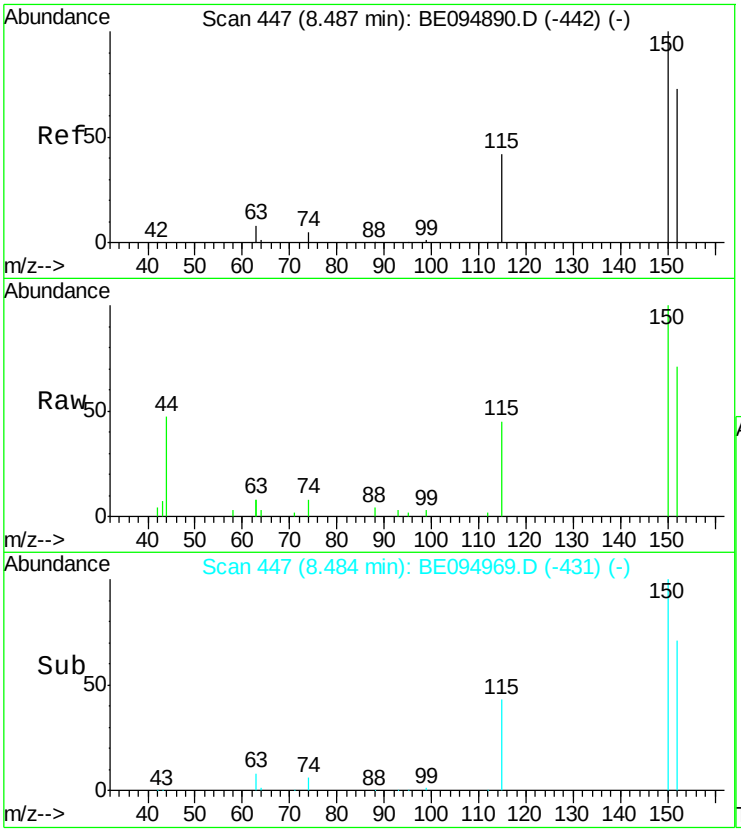
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094969.D
Acq On : 9 Dec 2017 3:21
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 09 05:39:06 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



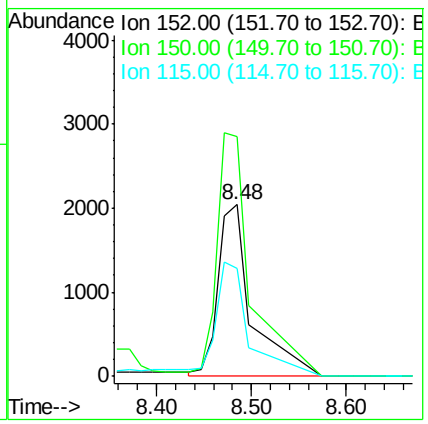


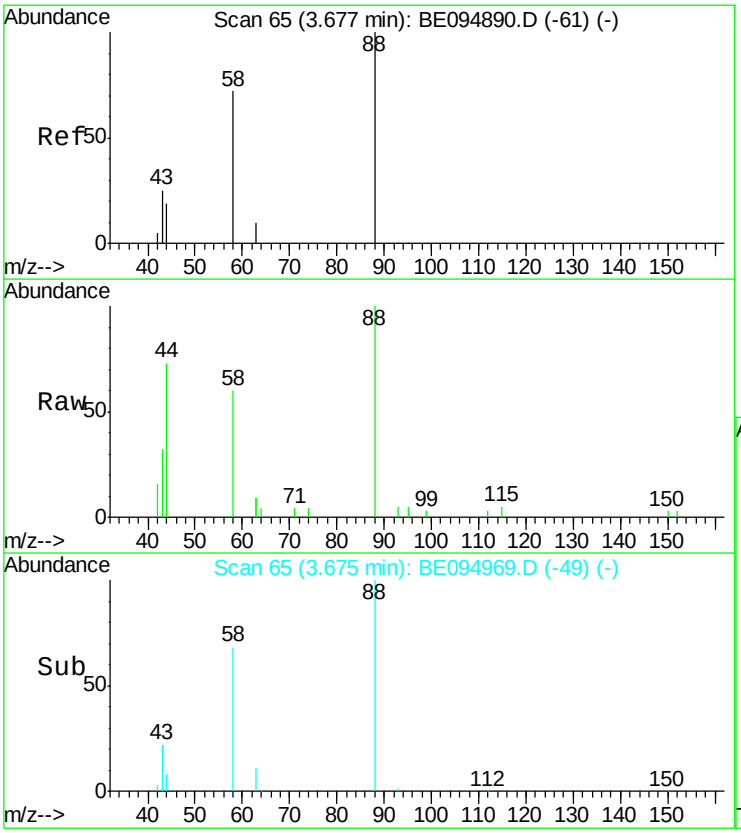
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6902

Ion	Ratio	Lower	Upper
152	100		
150	140.0	117.2	175.8
115	63.1	57.0	85.6

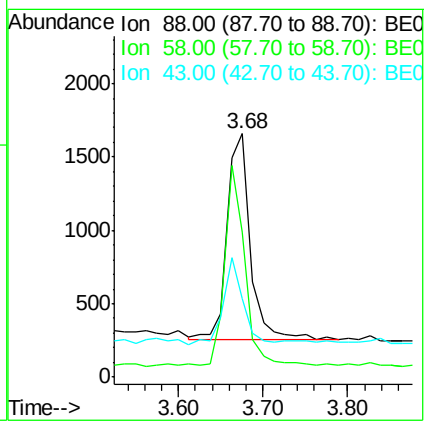


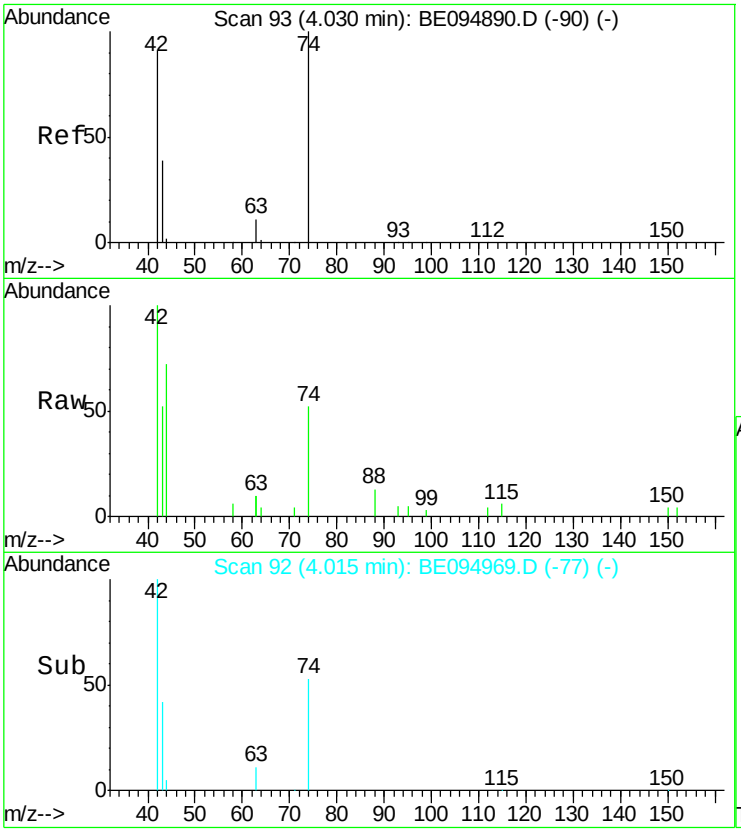


#2
1,4-Dioxane
Concen: 0.373 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion: 88 Resp: 2693

Ion	Ratio	Lower	Upper
88	100		
58	83.0	63.2	94.8
43	35.2	41.2	61.8#

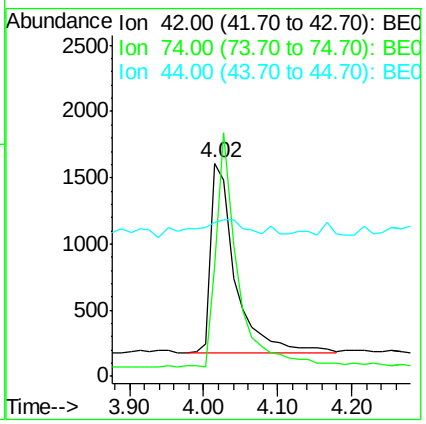




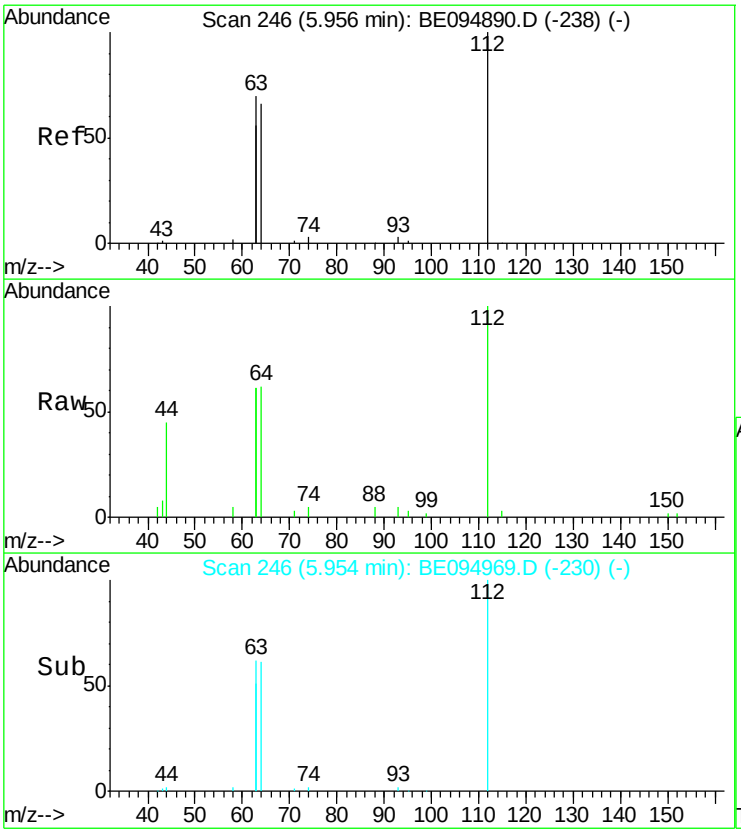
#3
n-Nitrosodimethylamine
Concen: 0.357 ng
RT: 4.02 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion: 42 Resp: 3289

Ion	Ratio	Lower	Upper
42	100		
74	109.8	100.3	150.5
44	0.0	17.0	25.4#



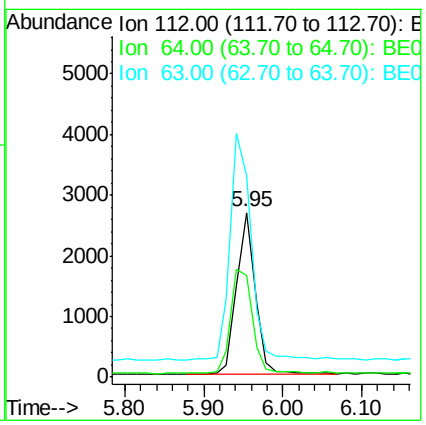
Instrument :
BNA_E
ClientSampleId :

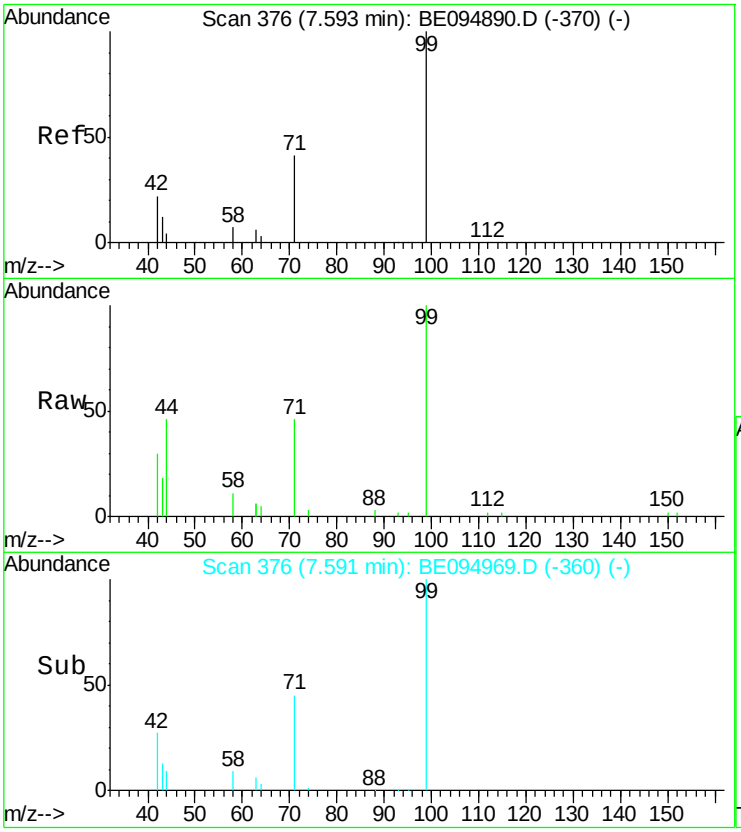


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:112 Resp: 4341

Ion	Ratio	Lower	Upper
112	100		
64	78.3	60.1	90.1
63	162.7	116.8	175.2



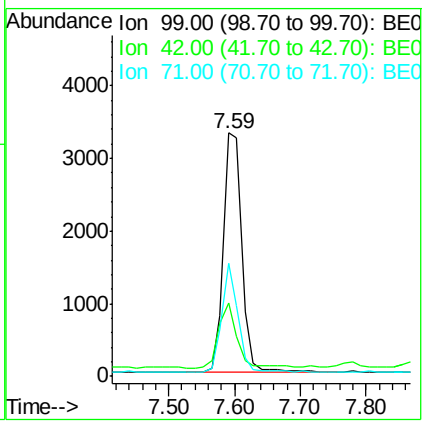


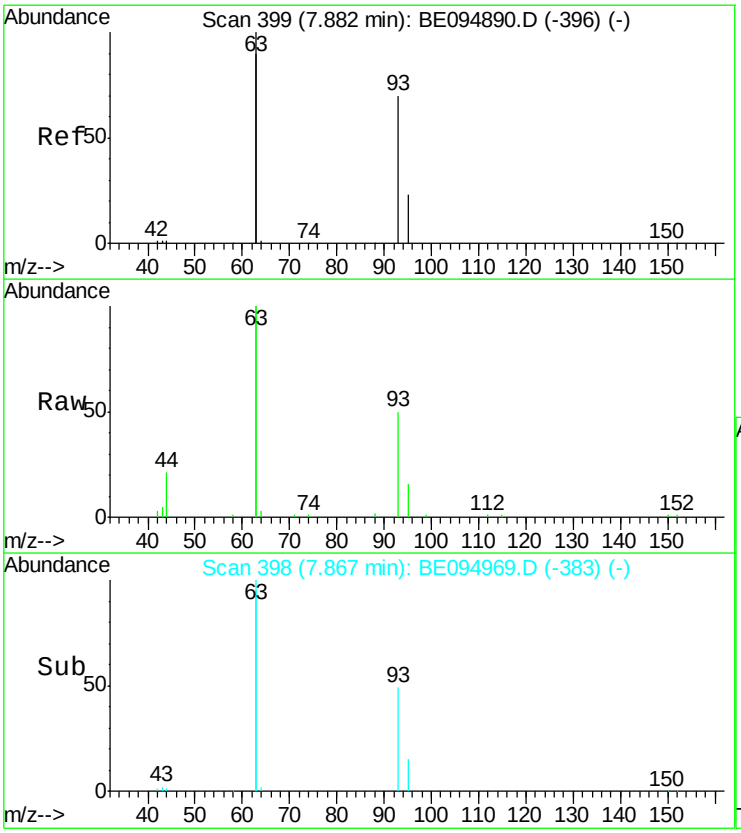
#5
Phenol-d6
Concen: 0.401 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6486

Ion	Ratio	Lower	Upper
99	100		
42	26.8	20.2	30.2
71	38.6	28.4	42.6

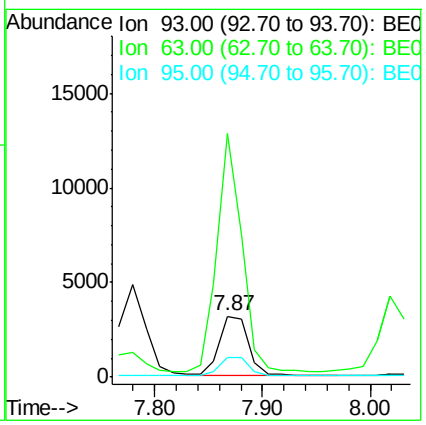


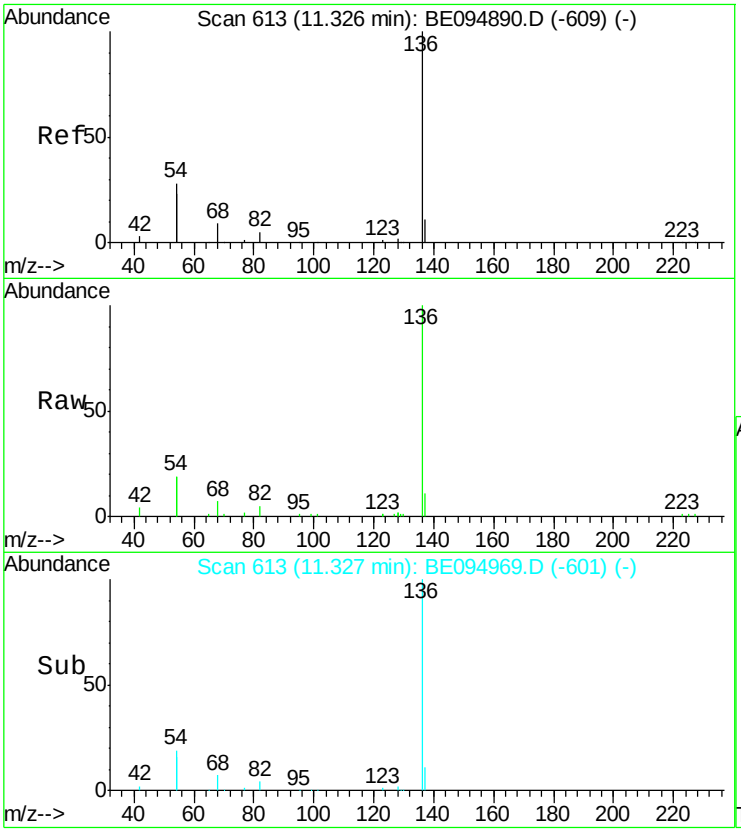


#6
bis(2-Chloroethyl)ether
Concen: 0.367 ng
RT: 7.87 min Scan# 398
Delta R.T. -0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion: 93 Resp: 5892

Ion	Ratio	Lower	Upper
93	100		
63	336.0	275.3	412.9
95	32.1	25.2	37.8



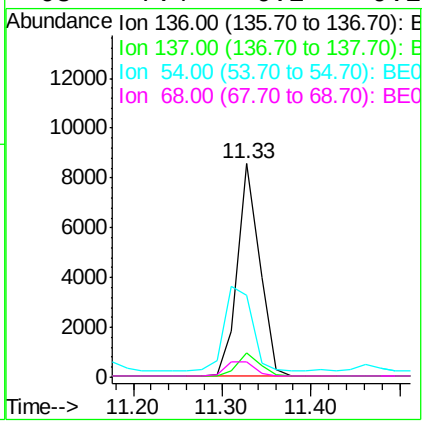


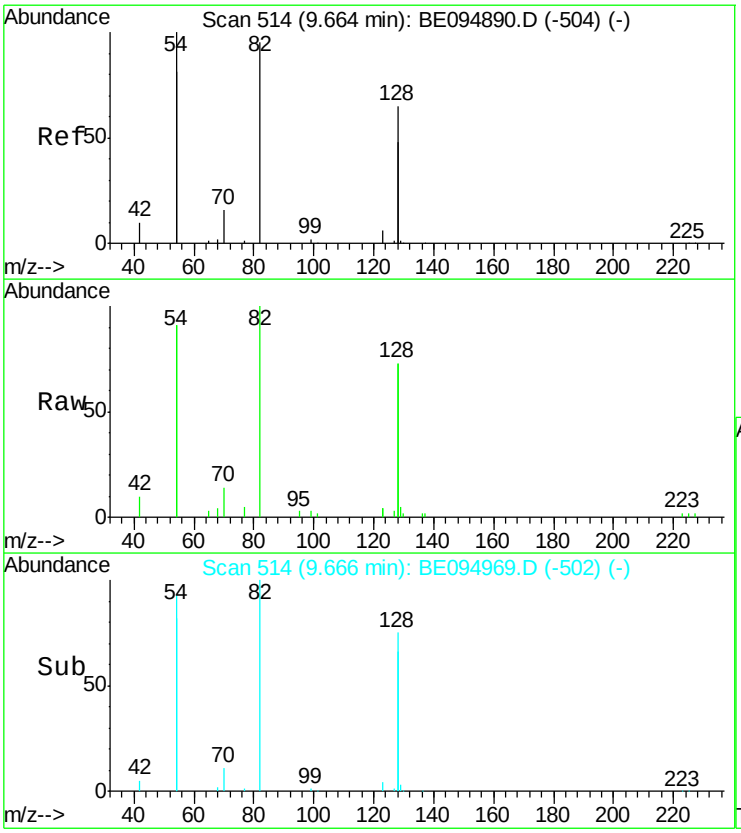
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14755

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	38.2	29.1	43.7
68	7.4	6.2	9.2

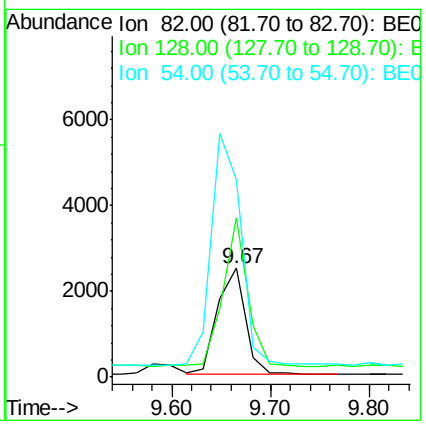


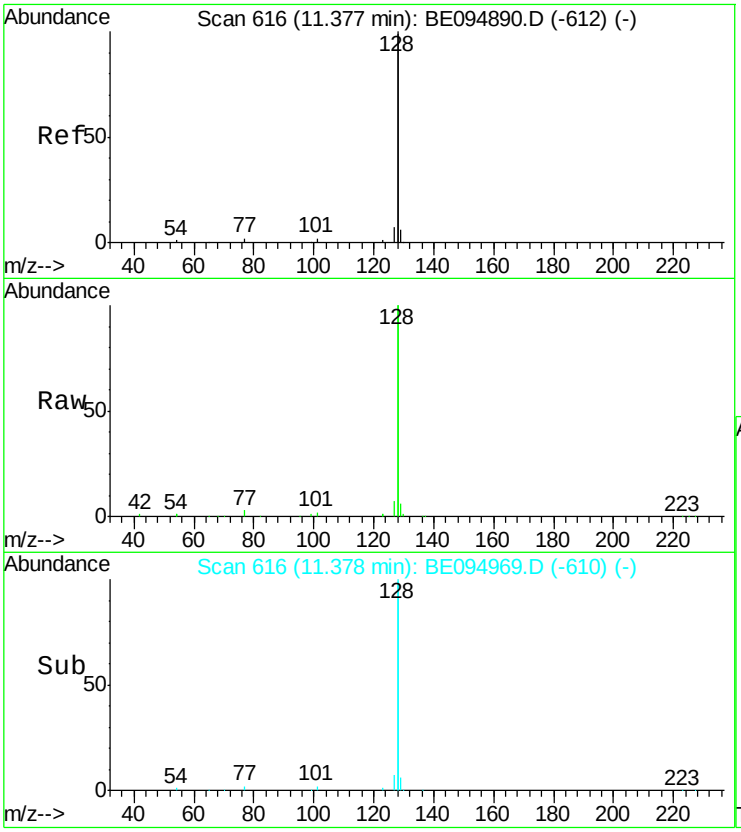


#8
Nitrobenzene-d5
Concen: 0.559 ng
RT: 9.67 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion: 82 Resp: 4883

Ion	Ratio	Lower	Upper
82	100		
128	146.7	150.0	225.0#
54	181.4	154.2	231.4



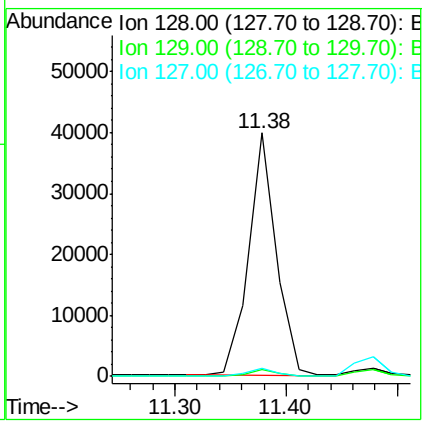


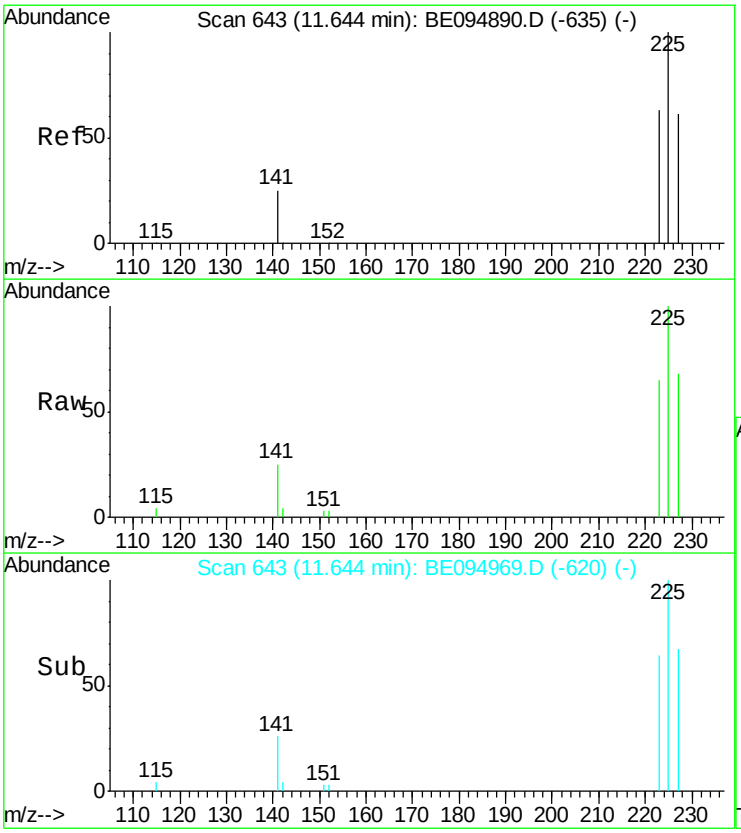
#9
Naphthalene
Concen: 0.397 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 68715

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.5	2.8	4.2

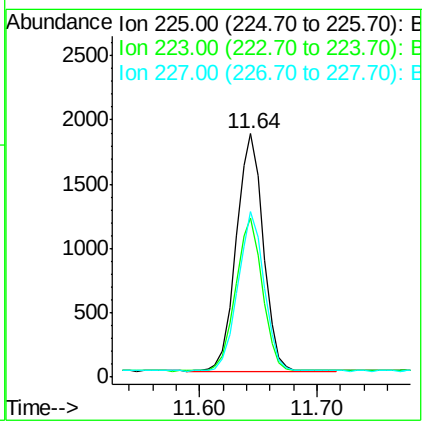


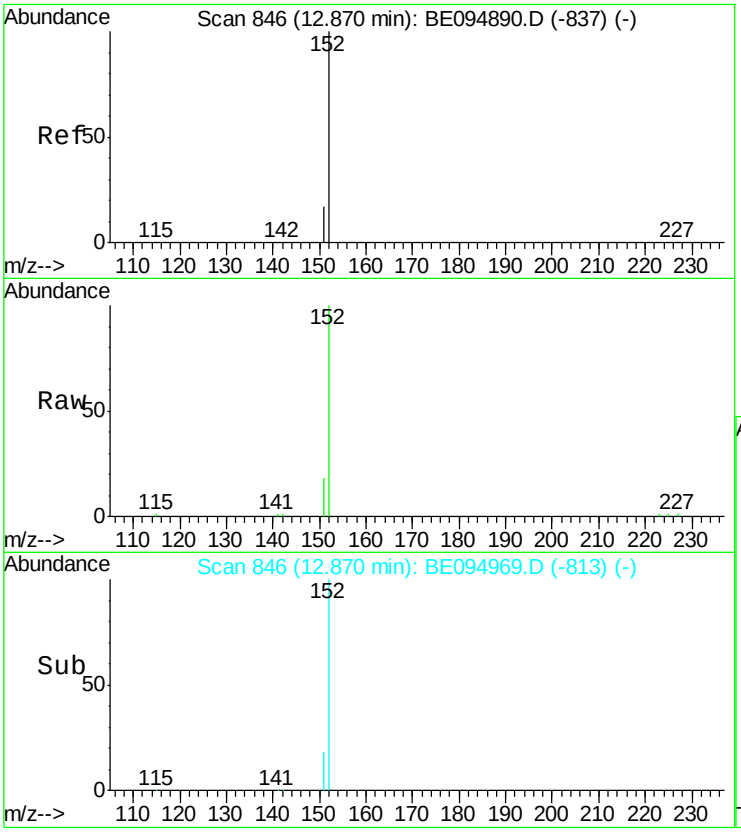


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 11.64 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:225 Resp: 2954

Ion	Ratio	Lower	Upper
225	100		
223	63.9	53.0	79.6
227	65.4	51.4	77.2



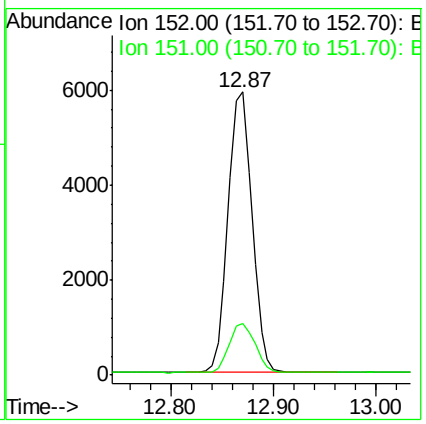


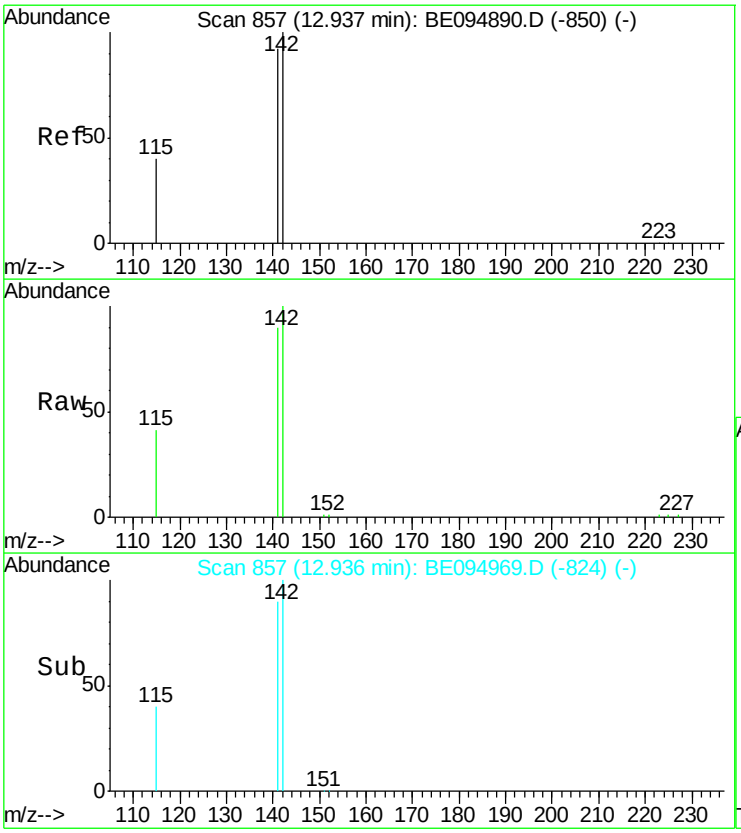
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.87 min Scan# 846
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9534

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

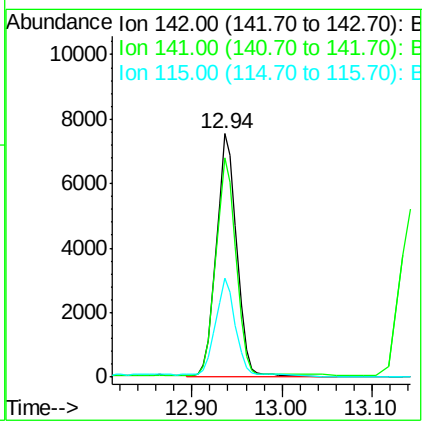


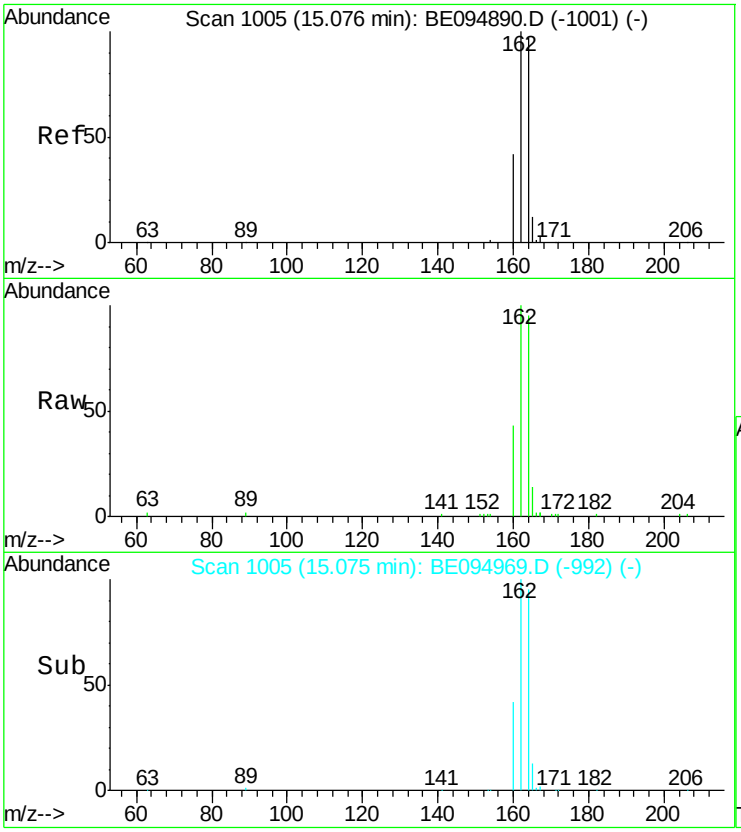


#12
2-Methylnaphthalene
Concen: 0.400 ng
RT: 12.94 min Scan# 857
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:142 Resp: 17189

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.4	105.6
115	40.8	31.7	47.5



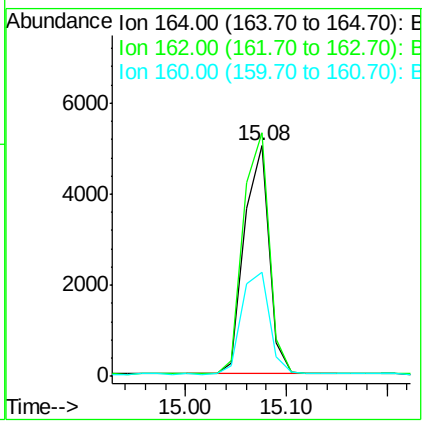


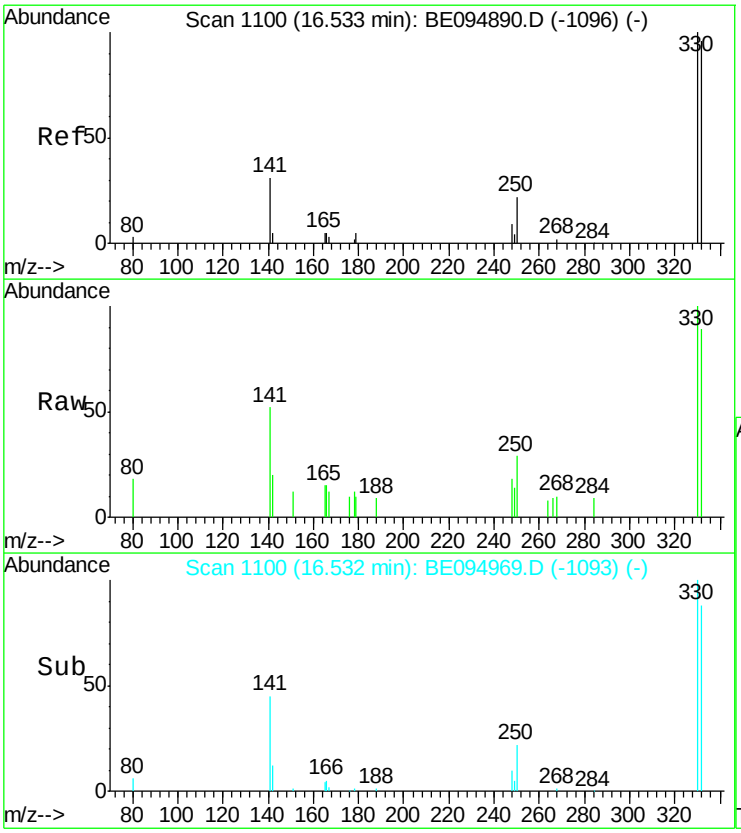
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8545

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.1	124.7
160	45.4	37.1	55.7

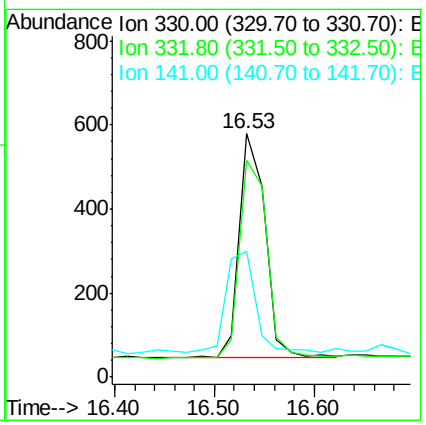


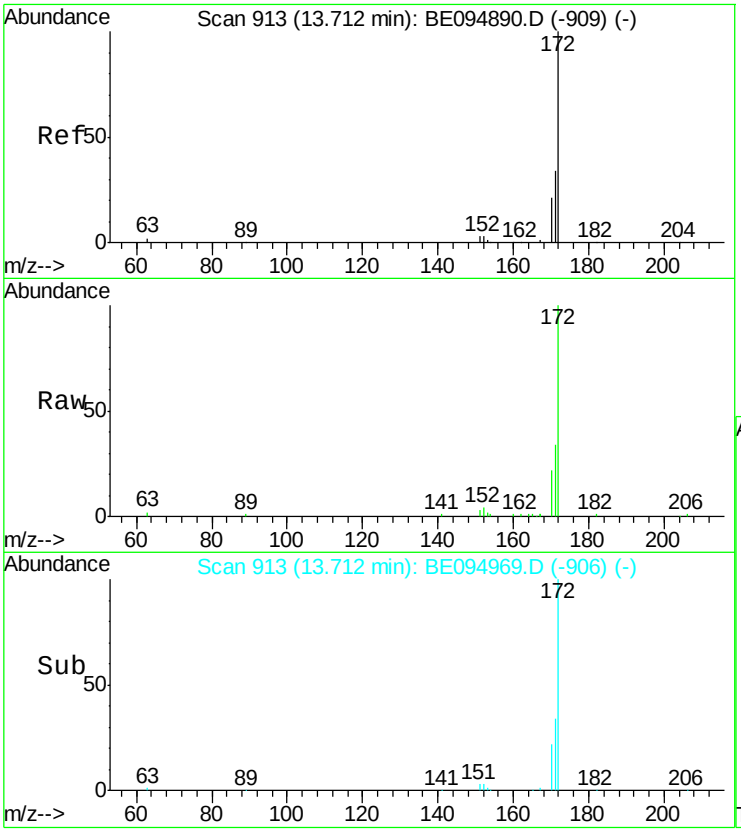


#14
2,4,6-Tribromophenol
Concen: 0.518 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:330 Resp: 961

Ion	Ratio	Lower	Upper
330	100		
332	94.1	152.7	229.1#
141	51.8	33.7	50.5#



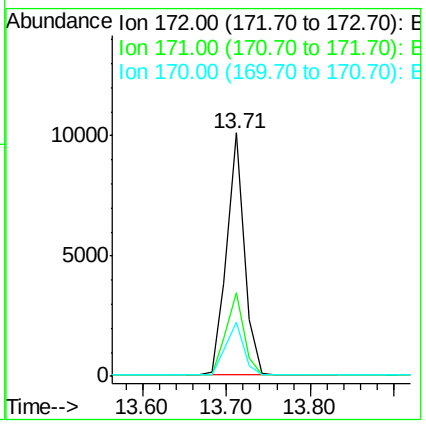


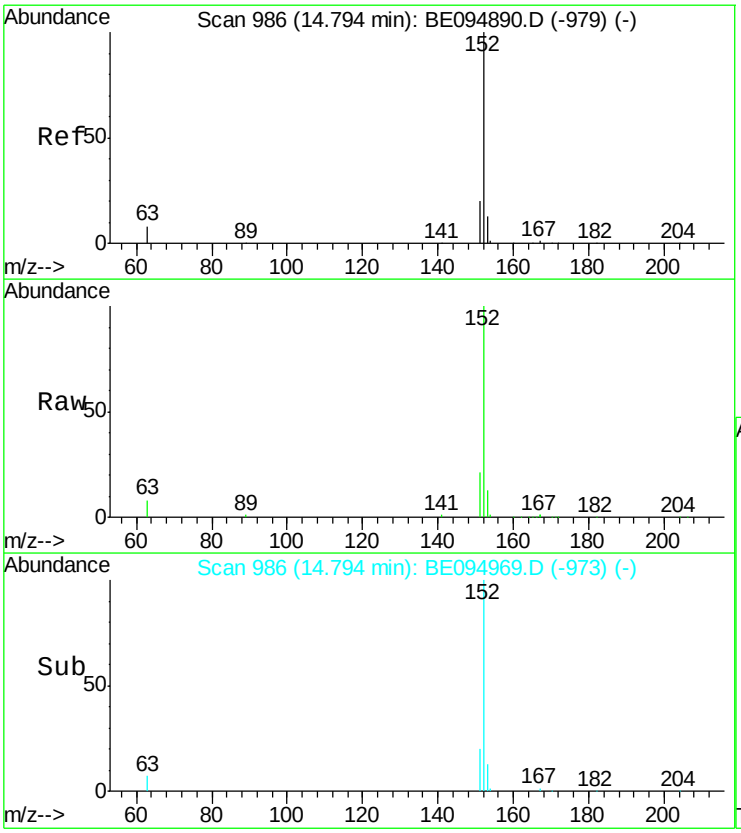
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14625

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.9	44.9
170	22.0	21.8	32.8

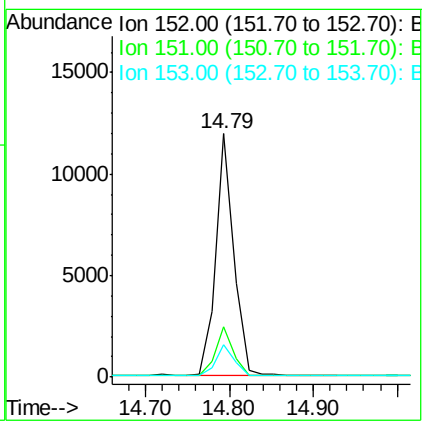


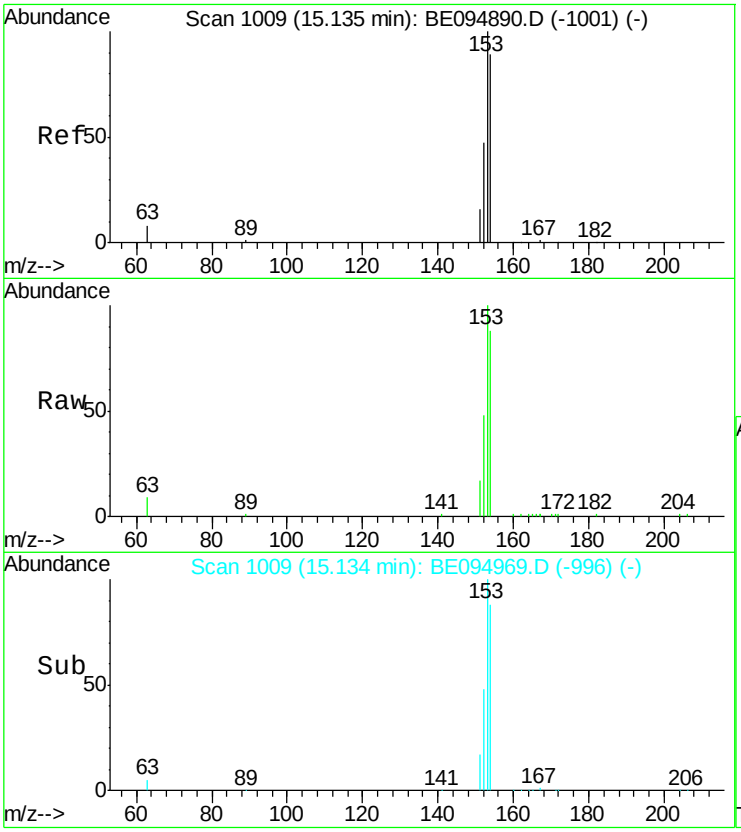


#16
Acenaphthylene
Concen: 0.372 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:152 Resp: 17943

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	13.1	10.5	15.7



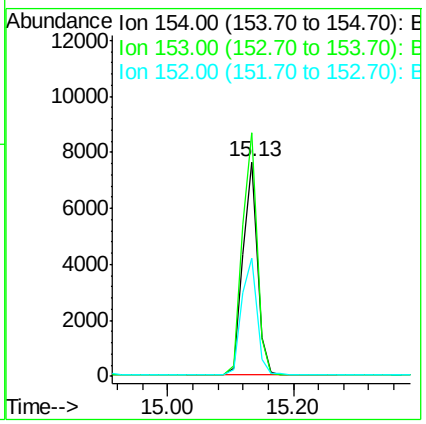


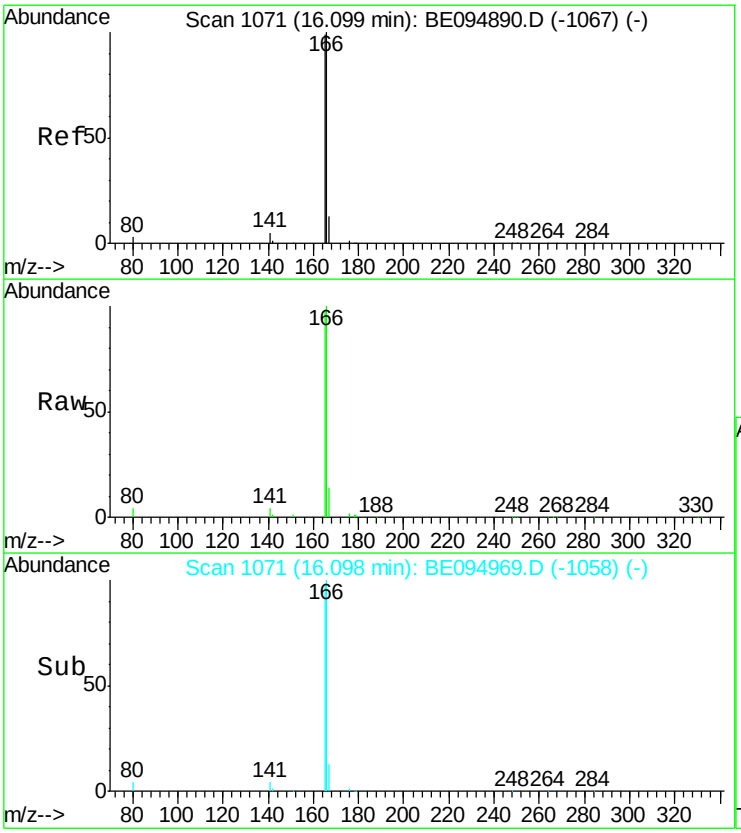
#17
Acenaphthene
Concen: 0.391 ng
RT: 15.13 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 12215

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.2	133.8
152	57.3	42.0	63.0

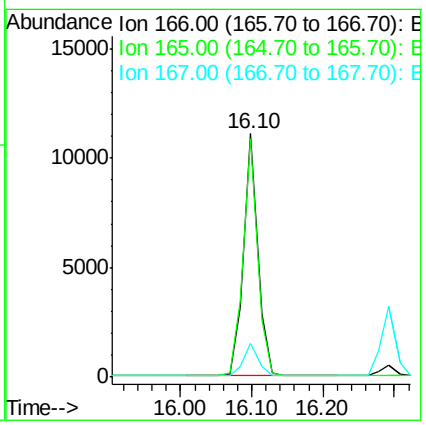


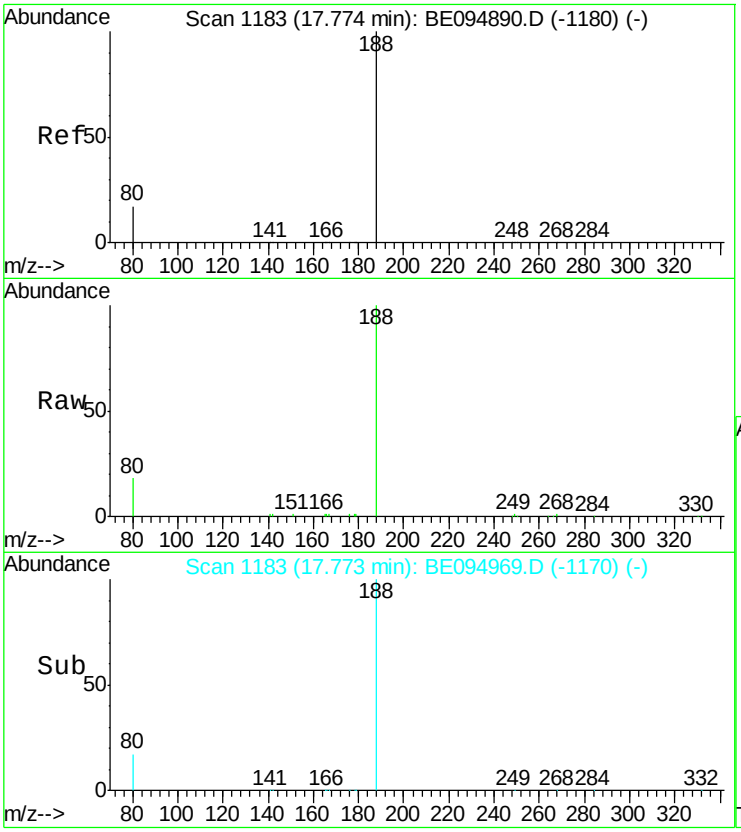


#18
Fluorene
Concen: 0.391 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:166 Resp: 15513

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	13.5	42.4	63.6#



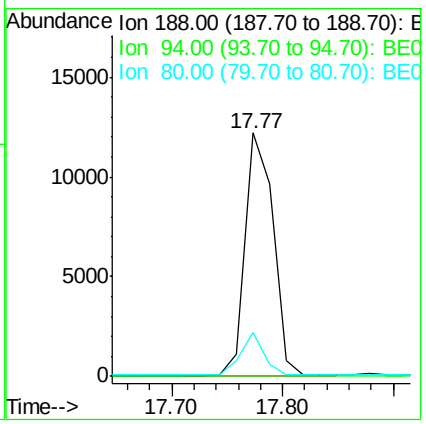


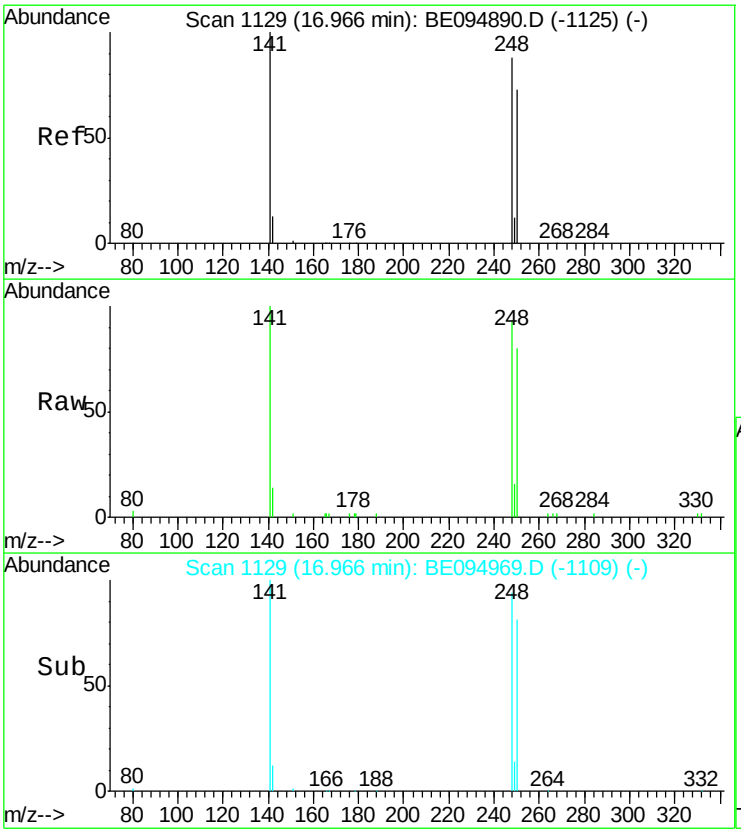
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 21323

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	17.8	3.6	5.4#

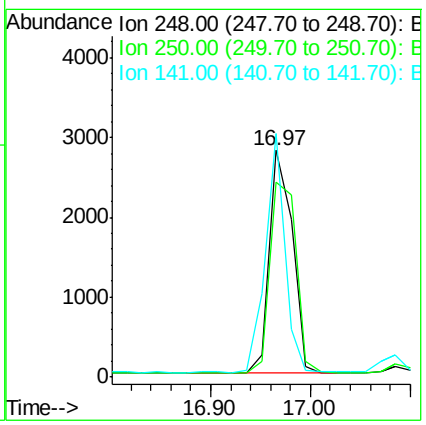


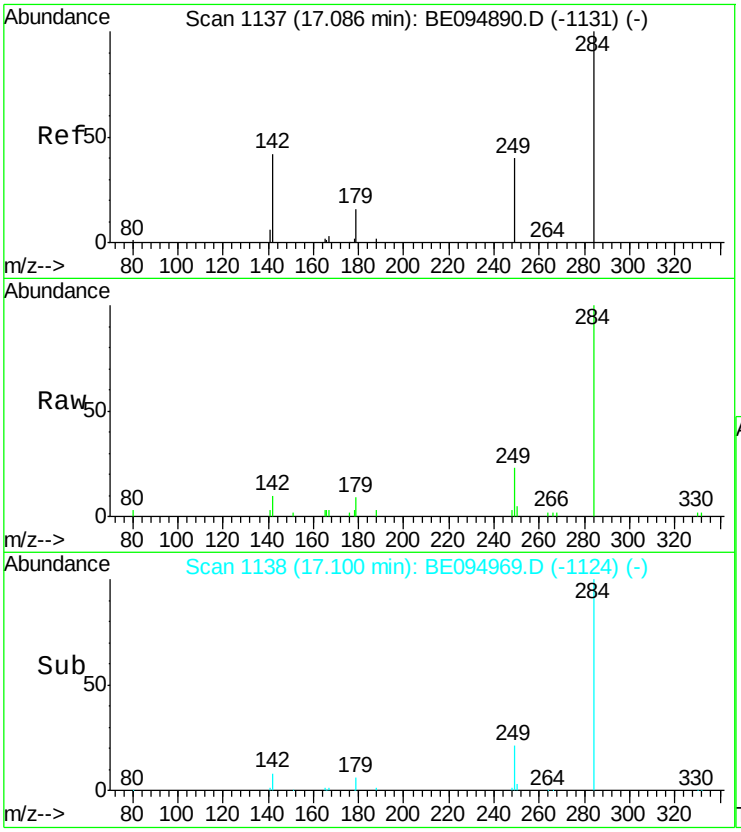


#20
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:248 Resp: 4542

Ion	Ratio	Lower	Upper
248	100		
250	86.1	62.7	94.1
141	107.4	48.2	72.2#



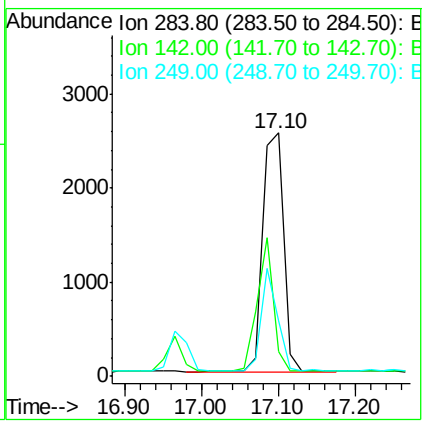


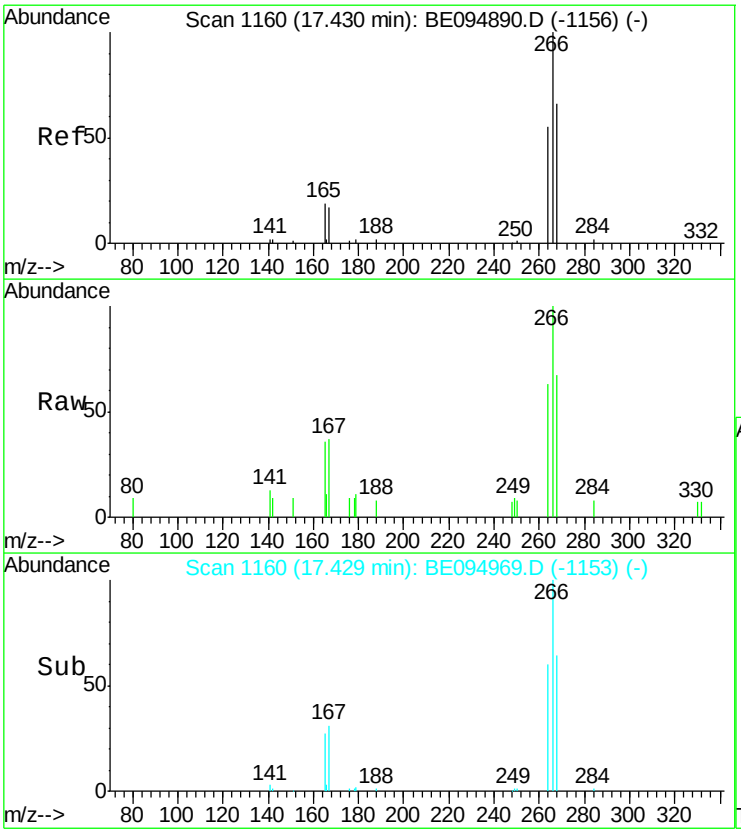
#21
Hexachlorobenzene
Concen: 0.412 ng
RT: 17.10 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4778

Ion	Ratio	Lower	Upper
284	100		
142	43.1	22.1	33.1#
249	33.5	34.8	52.2#

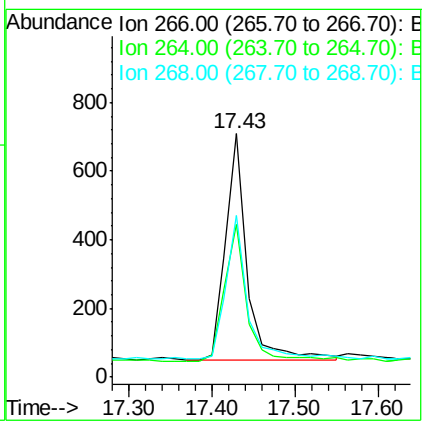


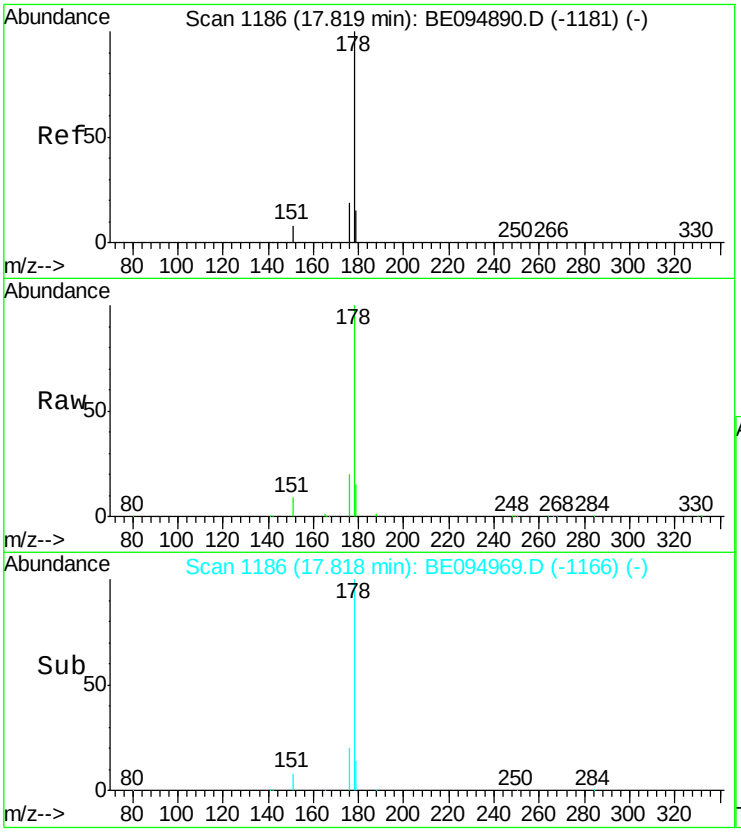


#22
Pentachlorophenol
Concen: 0.437 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:266 Resp: 1165

Ion	Ratio	Lower	Upper
266	100		
264	62.9	72.5	108.7#
268	66.6	73.8	110.6#



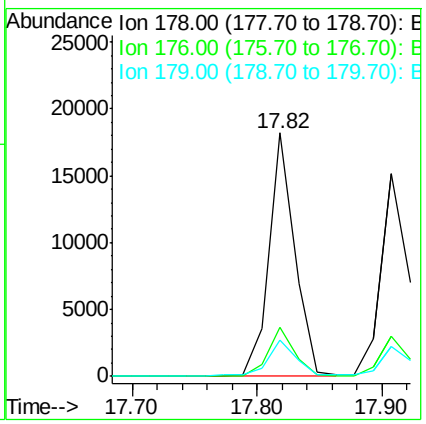


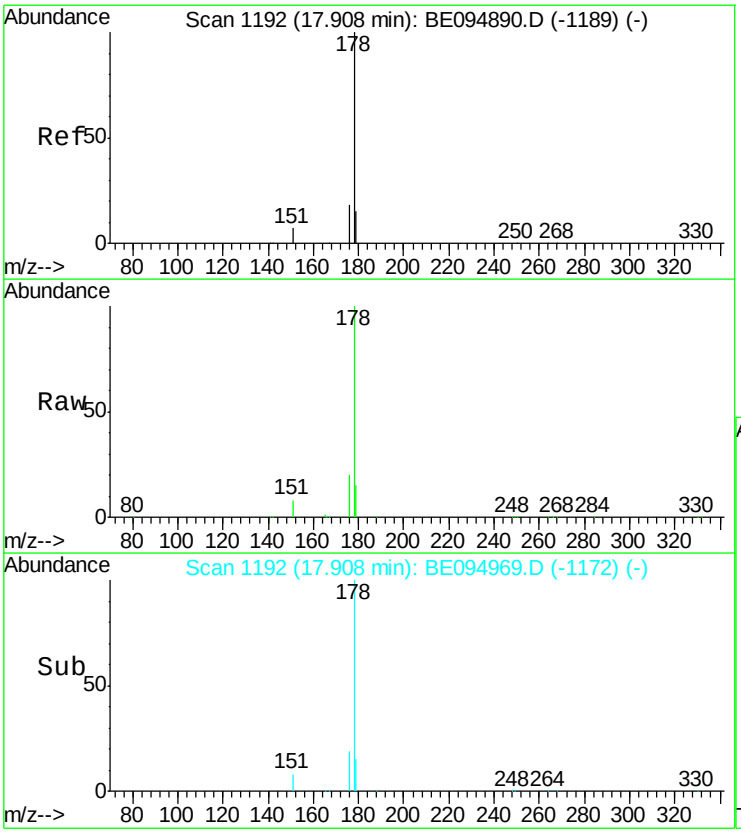
#23
Phenanthrene
Concen: 0.384 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 26081

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.1	11.8	17.6

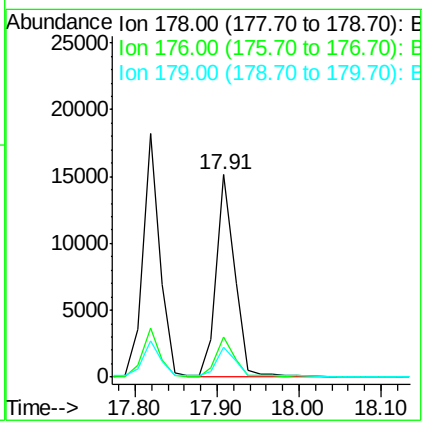


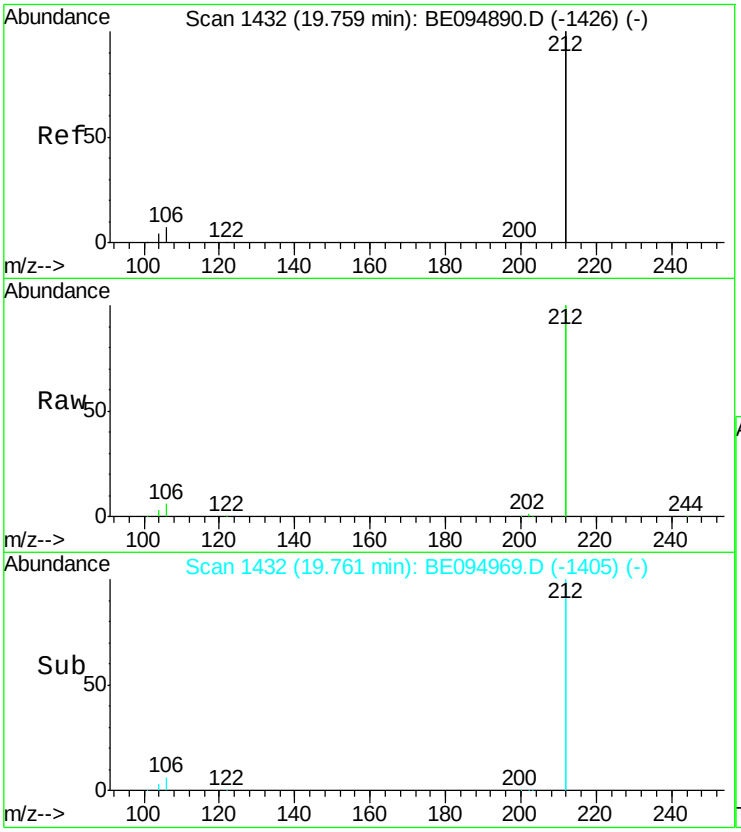


#24
Anthracene
Concen: 0.363 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:178 Resp: 26182

Ion	Ratio	Lower	Upper
178	100		
176	20.7	12.8	19.2#
179	17.0	13.0	19.6



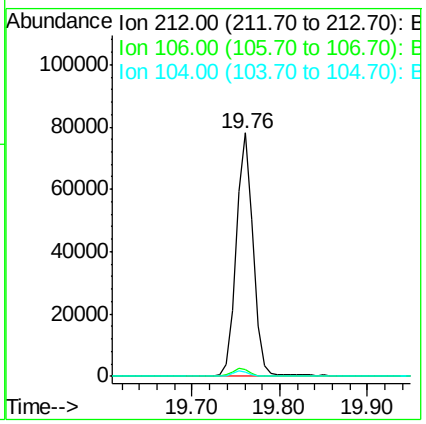


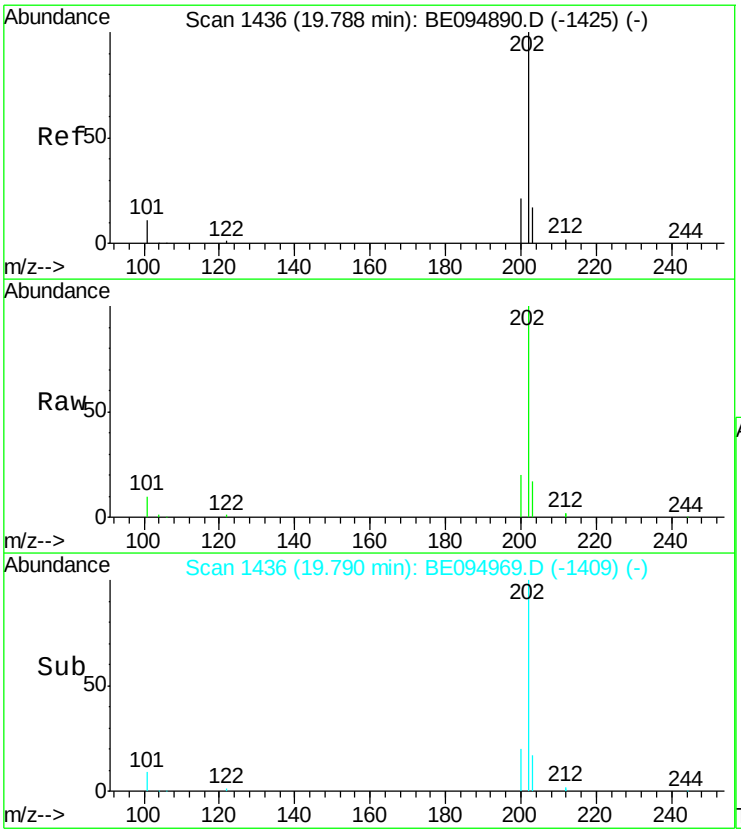
#25
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 103625

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.9	1.6	2.4

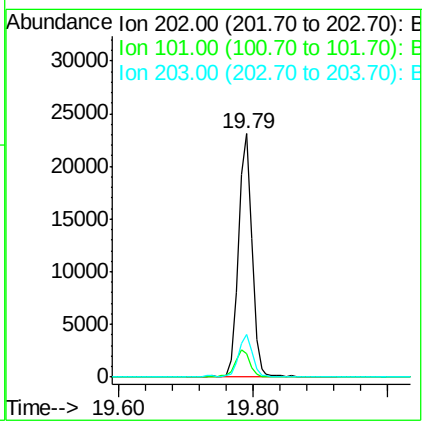


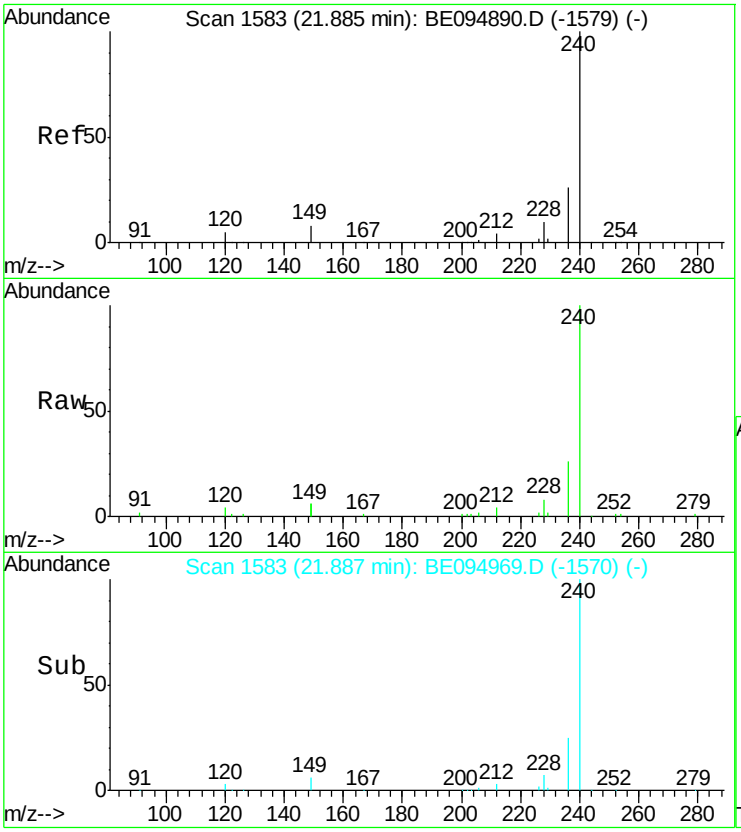


#26
Fluoranthene
Concen: 0.357 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:202 Resp: 31139

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.8
203	16.9	13.7	20.5



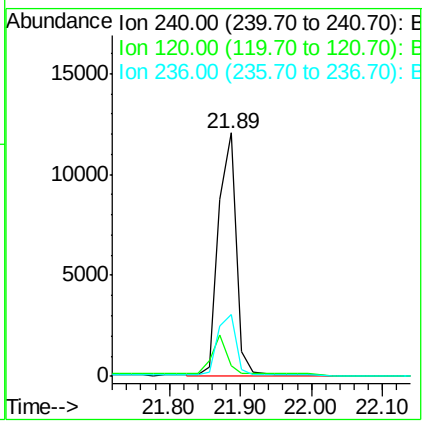


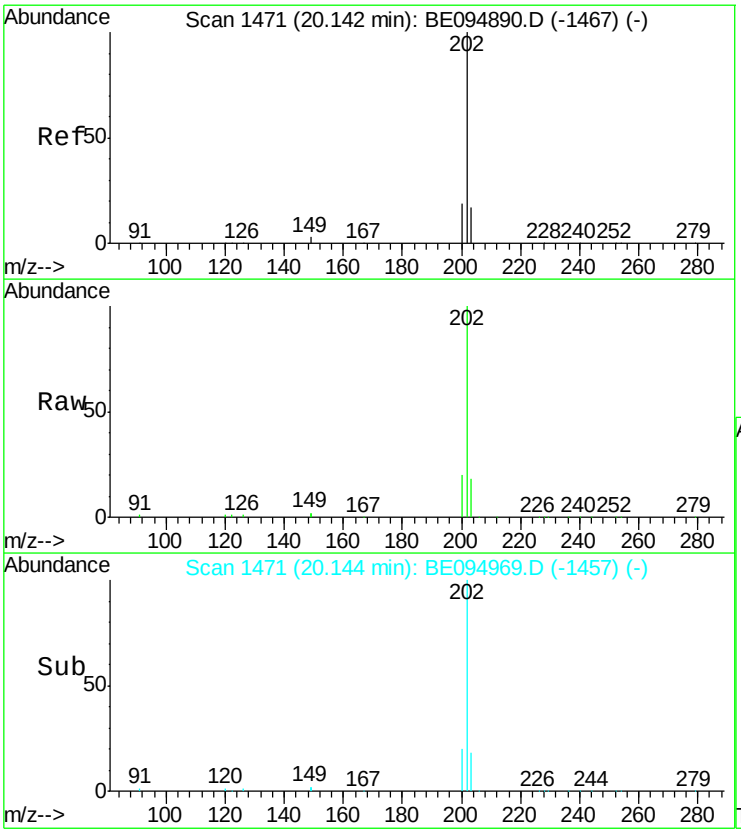
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 22534

Ion	Ratio	Lower	Upper
240	100		
120	4.3	5.5	8.3#
236	25.6	20.7	31.1

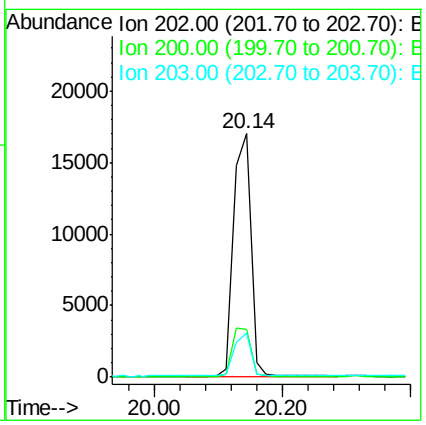


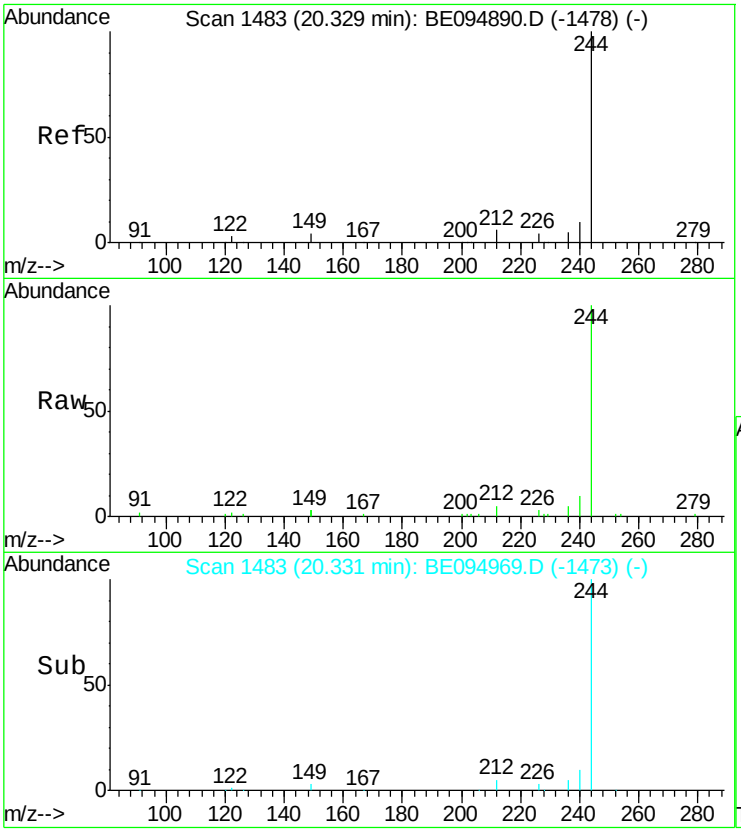


#28
Pyrene
Concen: 0.402 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:202 Resp: 31310

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.7	13.8	20.8



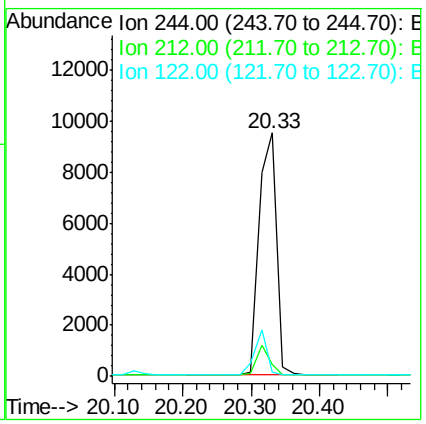


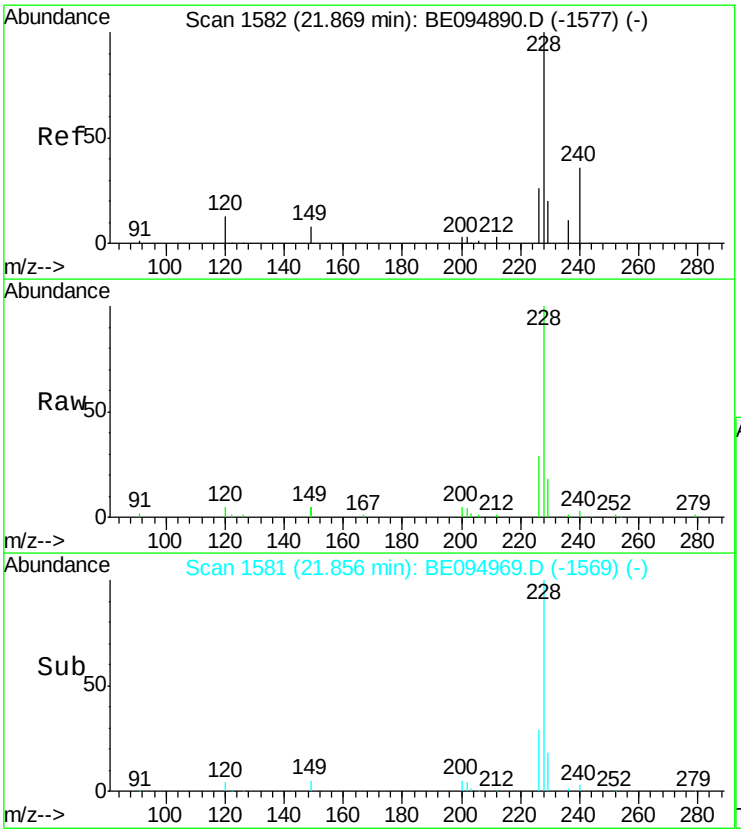
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 16842

Ion	Ratio	Lower	Upper
244	100		
212	5.1	25.4	38.0#
122	1.9	8.1	12.1#

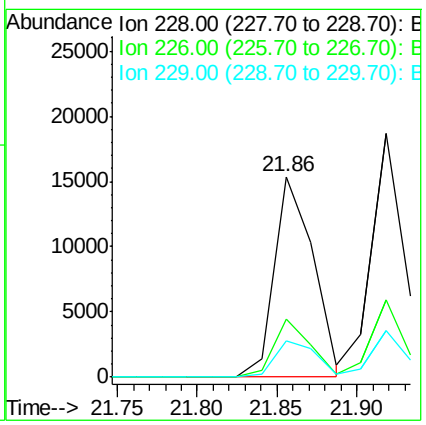


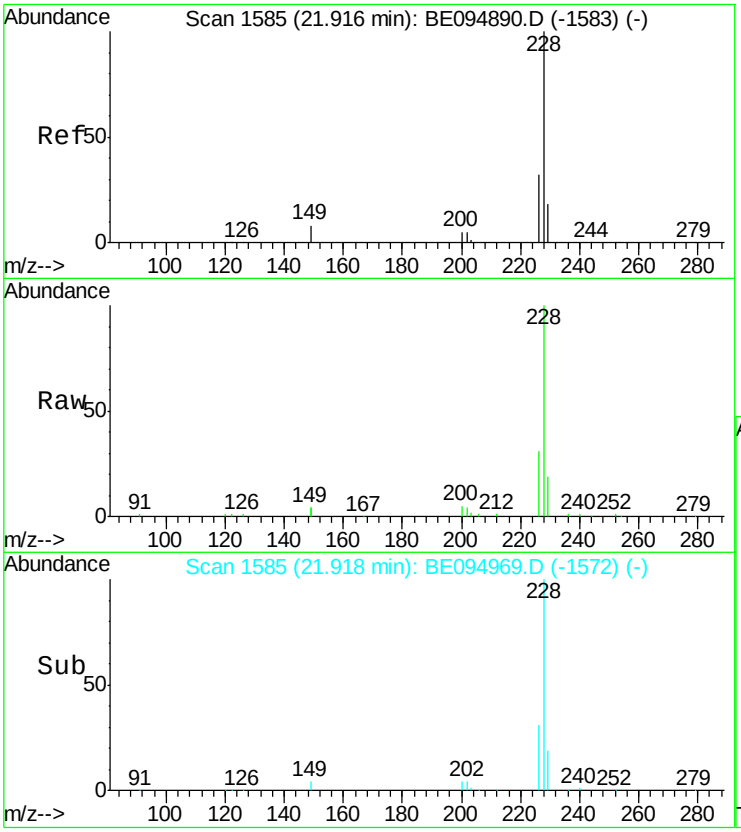


#30
Benzo(a)anthracene
Concen: 0.376 ng
RT: 21.86 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:228 Resp: 25948

Ion	Ratio	Lower	Upper
228	100		
226	29.1	40.0	60.0#
229	18.3	40.0	60.0#



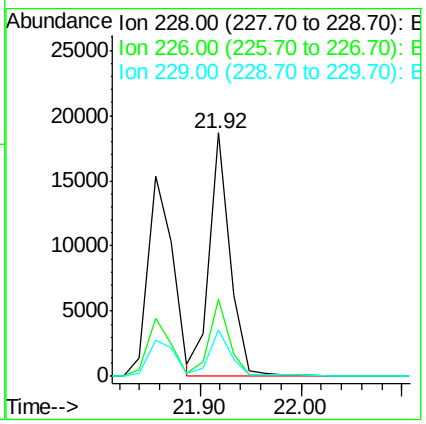


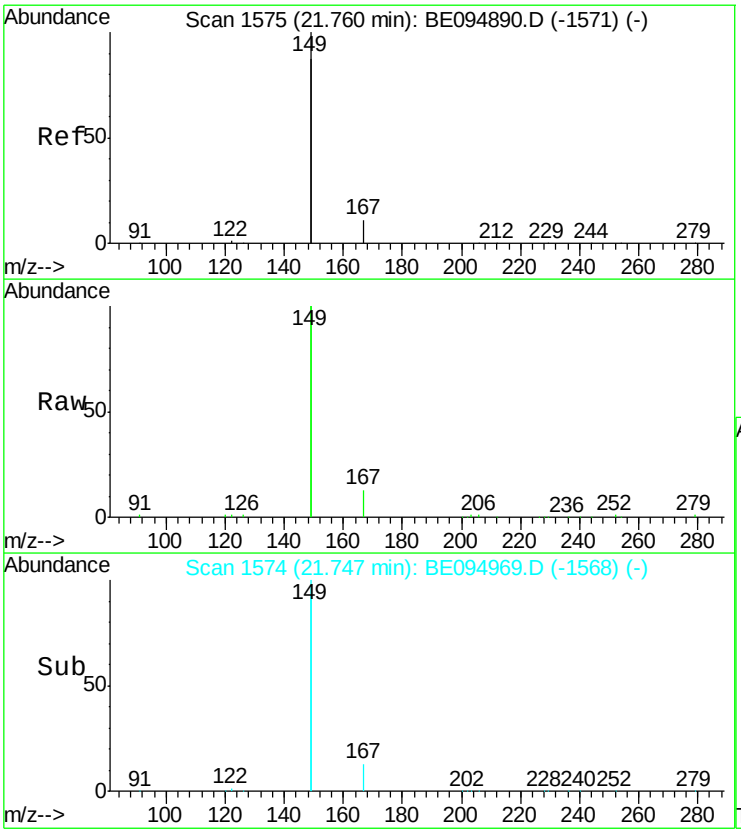
#31
Chrysene
Concen: 0.376 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 28742

Ion	Ratio	Lower	Upper
228	100		
226	31.5	40.0	60.0#
229	19.3	40.0	60.0#

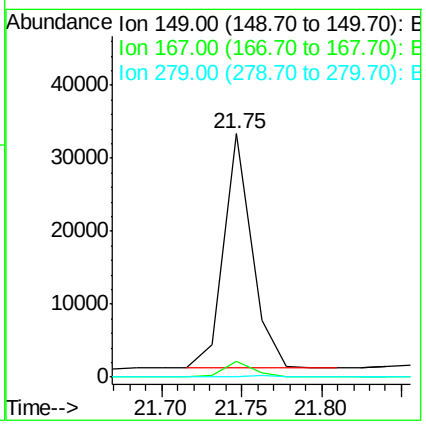


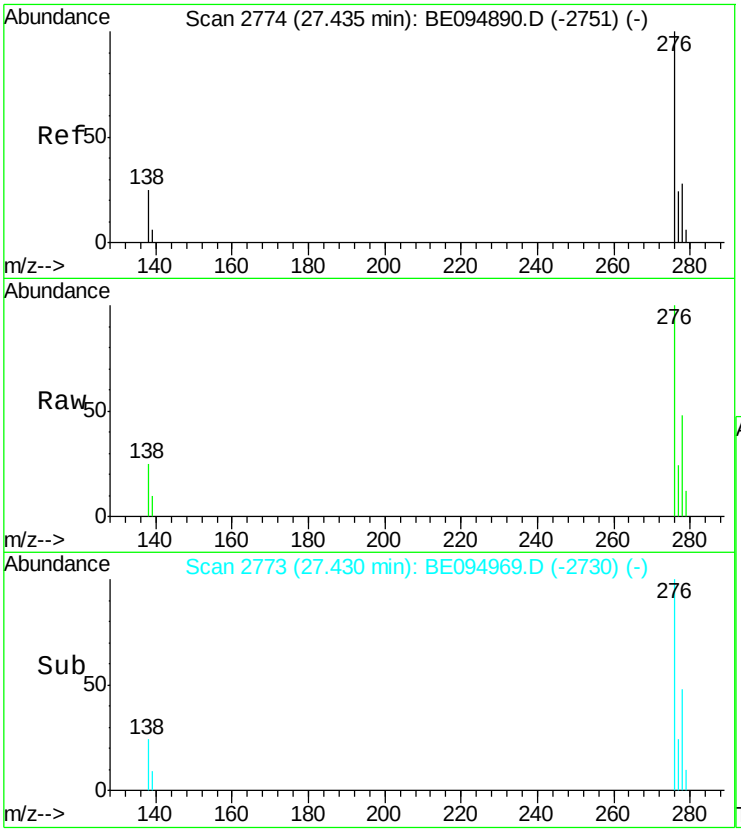


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.345 ng
RT: 21.75 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:149 Resp: 39515

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



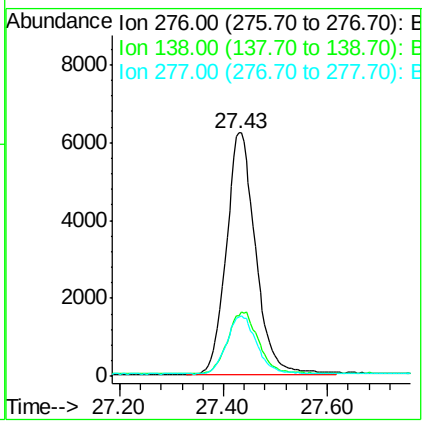


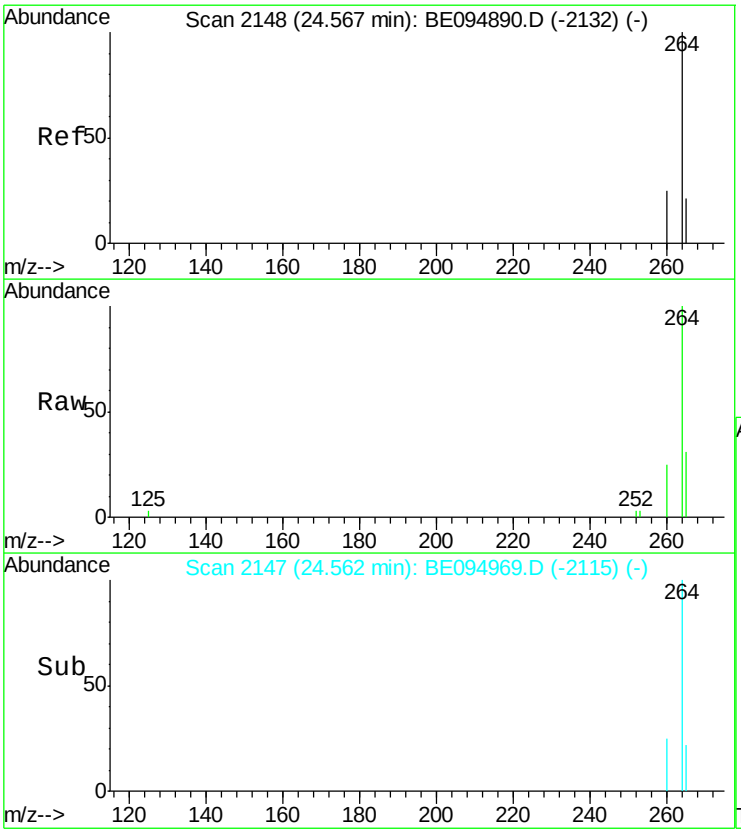
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 27.43 min Scan# 2773
Delta R.T. -0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 24214

Ion	Ratio	Lower	Upper
276	100		
138	27.1	22.5	33.7
277	24.8	19.9	29.9

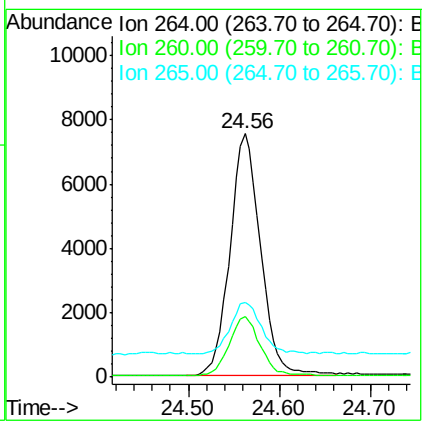


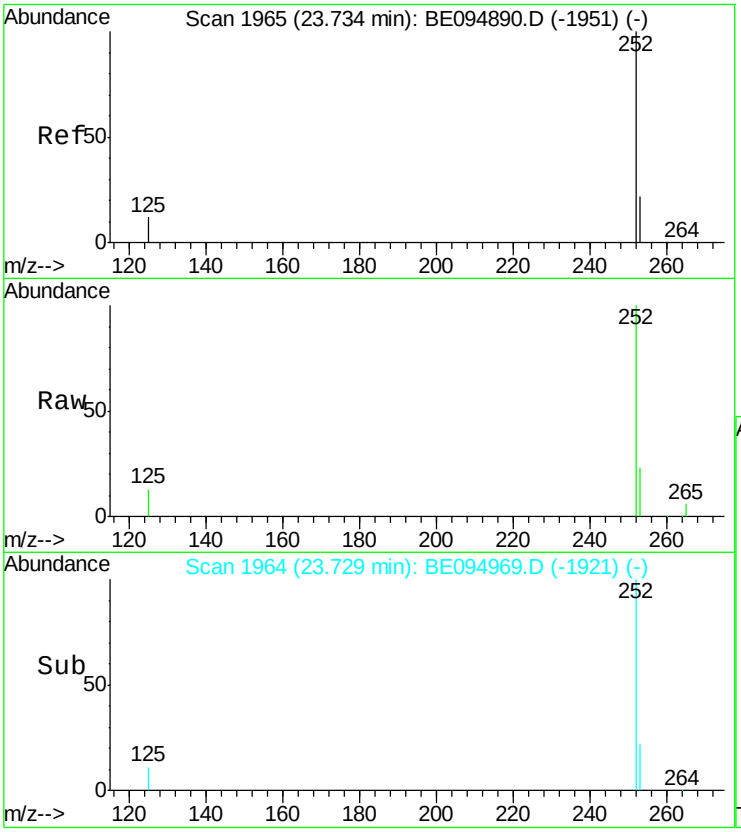


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.56 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:264 Resp: 17436

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	30.7	22.8	34.2



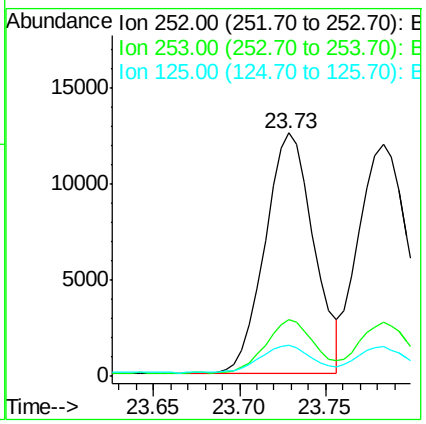


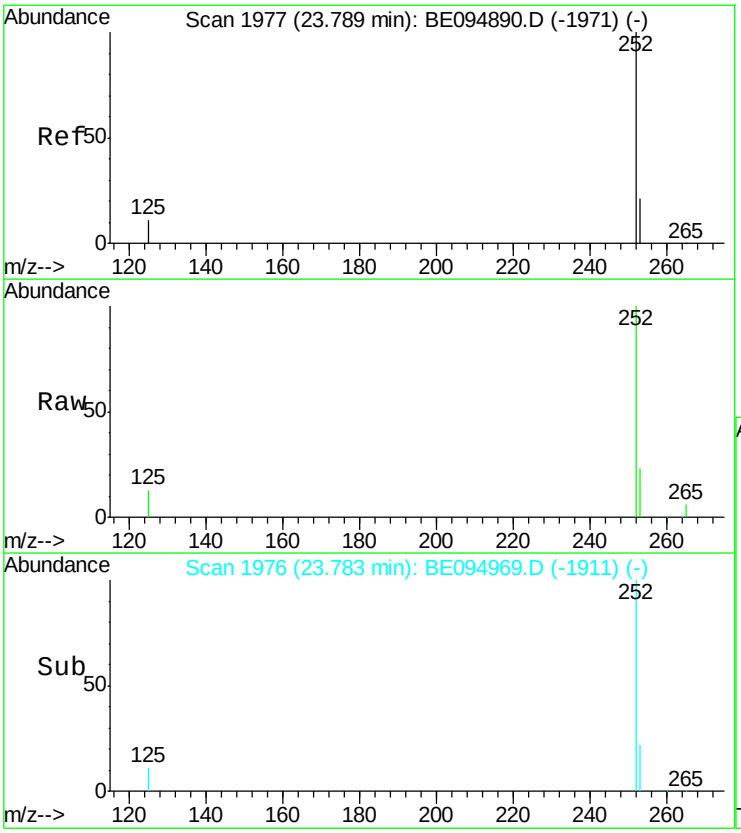
#35
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 24691

Ion	Ratio	Lower	Upper
252	100		
253	23.2	48.0	72.0#
125	12.7	56.0	84.0#

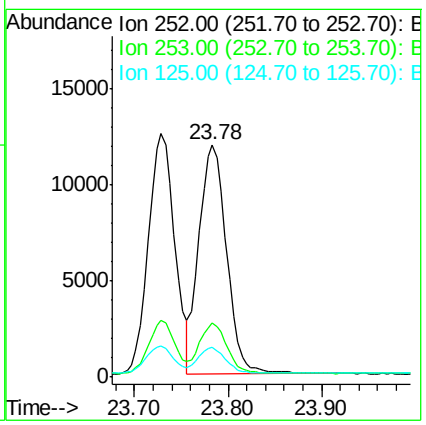


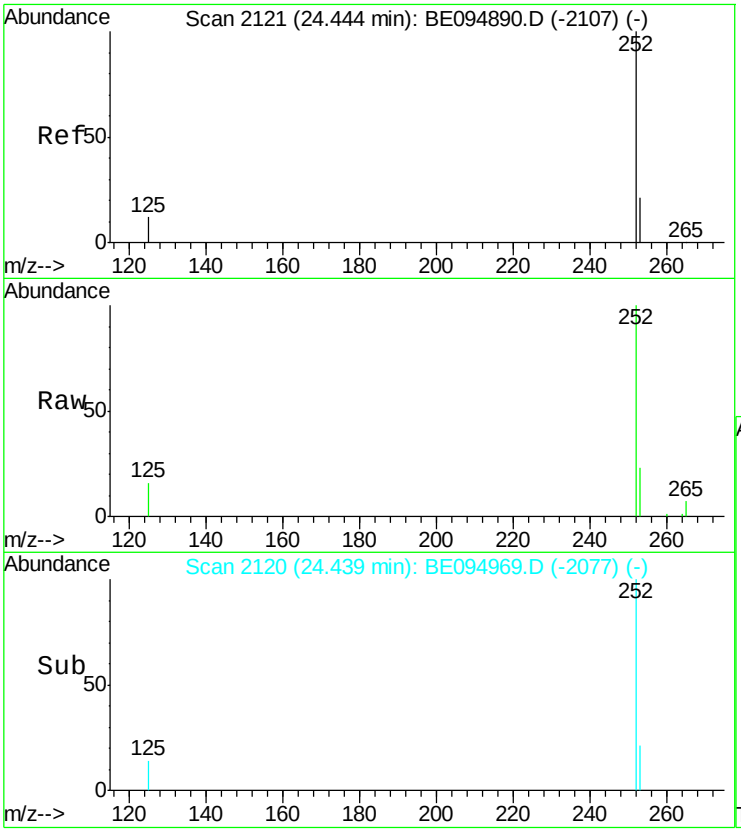


#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.78 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:252 Resp: 24572

Ion	Ratio	Lower	Upper
252	100		
253	23.4	48.0	72.0#
125	12.8	56.0	84.0#



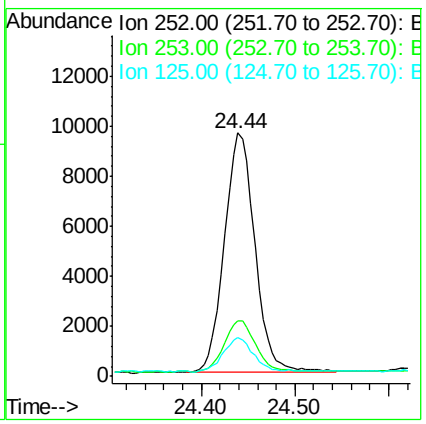


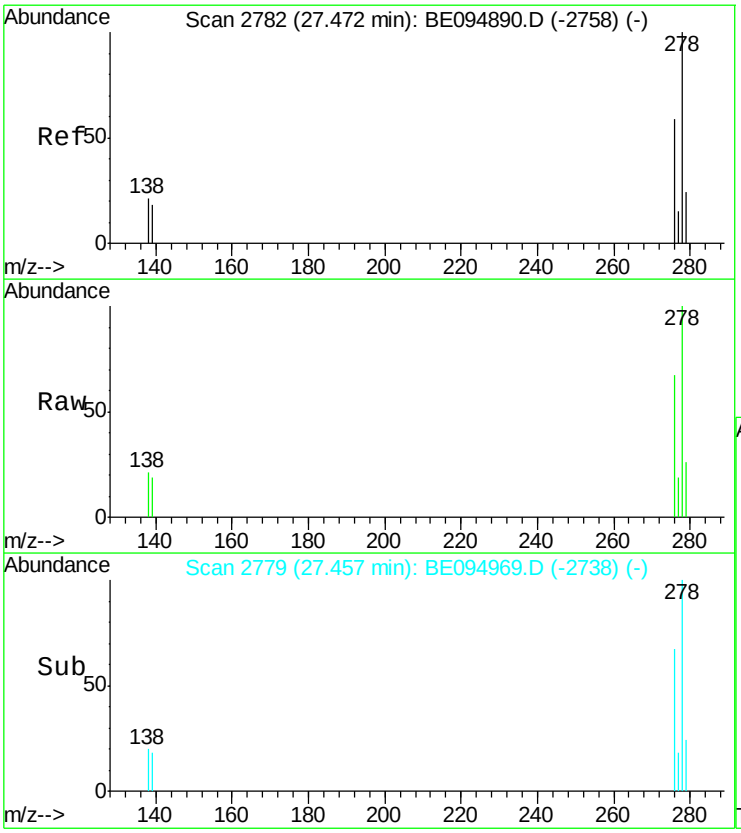
#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 24.44 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 21900

Ion	Ratio	Lower	Upper
252	100		
253	23.0	52.0	78.0#
125	16.2	68.0	102.0#

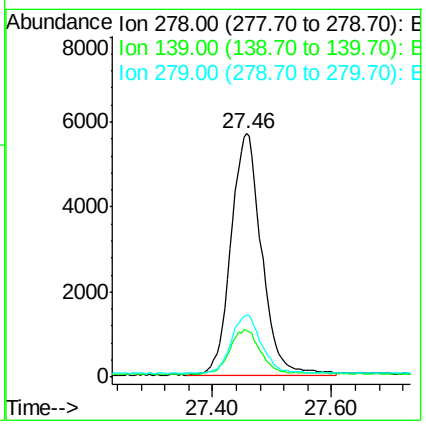


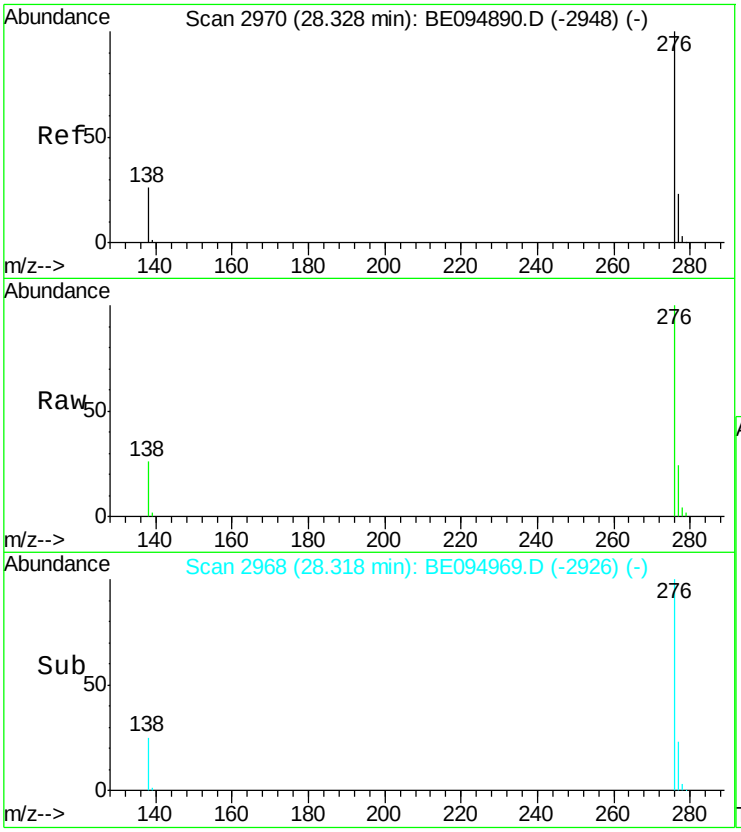


#38
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 27.46 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Tgt Ion:278 Resp: 20325

Ion	Ratio	Lower	Upper
278	100		
139	19.3	56.0	84.0#
279	25.5	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 28.32 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BE094969.D
Acq: 9 Dec 2017 3:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20025

Ion	Ratio	Lower	Upper
276	100		
277	24.1	52.0	78.0#
138	25.6	44.0	66.0#