Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094976.D
Acq On : 14 Dec 2017 14:53
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Dec 14 17:25:46 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 17:23:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6024	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	13208	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	7346	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	17571	0.40	ng		0.00
27) Chrysene-d12	21.87	240	19836	0.40	ng		0.00
34) Perylene-d12	24.55	264	15956	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	1026	0.11	ng		0.00
5) Phenol-d6	7.59	99	1389	0.10	ng		0.00
8) Nitrobenzene-d5	9.66	82	1072	0.14	ng		0.02
11) 2-Methylnaphthalene-d10	12.86	152	2136	0.10	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	159	0.10	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	3368	0.11	ng		0.01
25) Fluoranthene-d10	19.75	212	22878	0.10	ng		0.00
29) Terphenyl-d14	20.31	244	3642	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	602	0.096	ng		95
3) n-Nitrosodimethylamine	4.03	42	704	0.088	ng	#	81
6) bis(2-Chloroethyl)ether	7.87	93	1349	0.096	ng		91
9) Naphthalene	11.38	128	15511	0.100	ng		99
10) Hexachlorobutadiene	11.64	225	710	0.109	ng		97
12) 2-Methylnaphthalene	12.94	142	4026	0.105	ng		98
16) Acenaphthylene	14.79	152	3692	0.089	ng		98
17) Acenaphthene	15.12	154	2531	0.094	ng		92
18) Fluorene	16.10	166	3099	0.091	ng	#	78
20) 4-Bromophenyl-phenylether	16.97	248	991	0.101	ng		86
21) Hexachlorobenzene	17.09	284	1062	0.111	ng	#	84
22) Pentachlorophenol	17.43	266	174	0.074	ng		87
23) Phenanthrene	17.82	178	5484	0.098	ng		97
24) Anthracene	17.91	178	5674	0.096	ng	#	77
26) Fluoranthene	19.78	202	6454	0.090	ng		99
28) Pyrene	20.13	202	6489	0.095	ng		99
30) Benzo(a)anthracene	21.85	228	5840	0.096	ng	#	62
31) Chrysene	21.92	228	6831	0.102	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.75	149	8040	0.080	ng		99
33) Indeno(1,2,3-cd)pyrene	27.42	276	5358	0.097	ng		99
35) Benzo(b)fluoranthene	23.72	252	5666	0.097	ng		96
36) Benzo(k)fluoranthene	23.78	252	5629	0.095	ng	#	86
37) Benzo(a)pyrene	24.43	252	5030	0.098	ng	#	82
38) Dibenzo(a,h)anthracene	27.44	278	4357	0.092	ng		94
39) Benzo(g,h,i)perylene	28.30	276	4484	0.095	ng	#	86

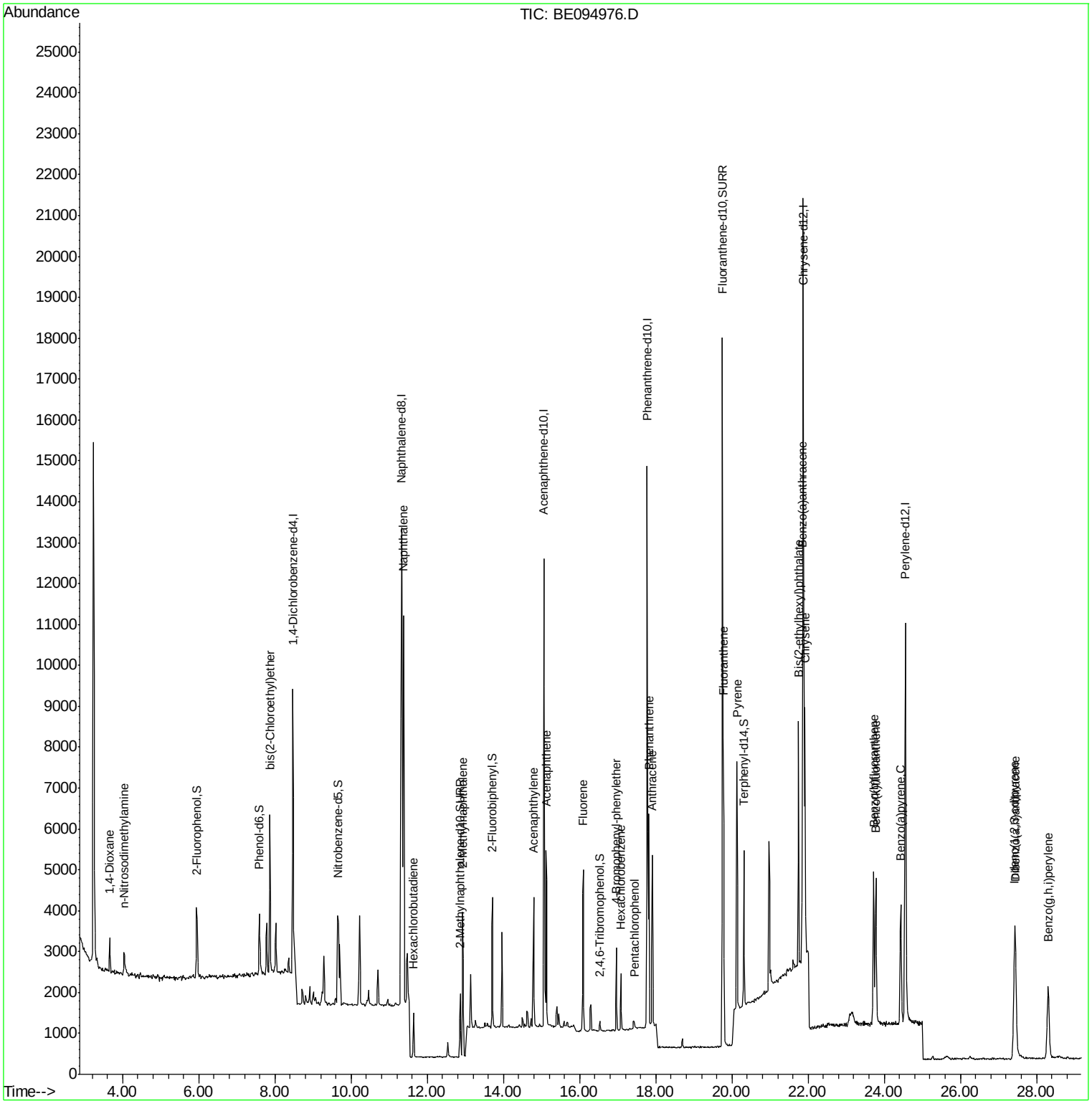
(#) = qualifier out of range (m) = manual integration (+) = signals summed

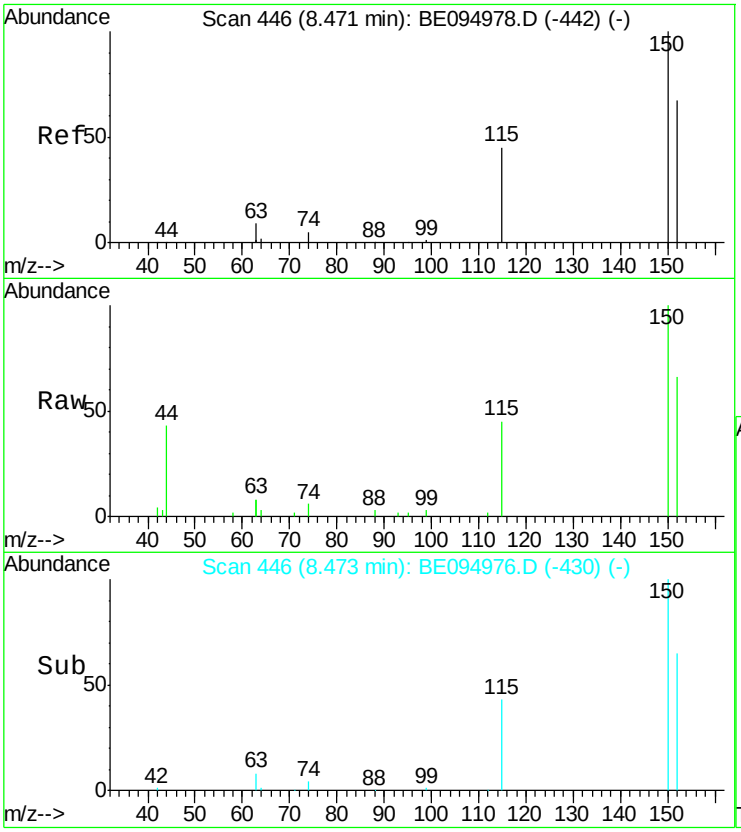
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094976.D
Acq On : 14 Dec 2017 14:53
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Dec 14 17:25:46 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 17:23:49 2017
Response via : Initial Calibration



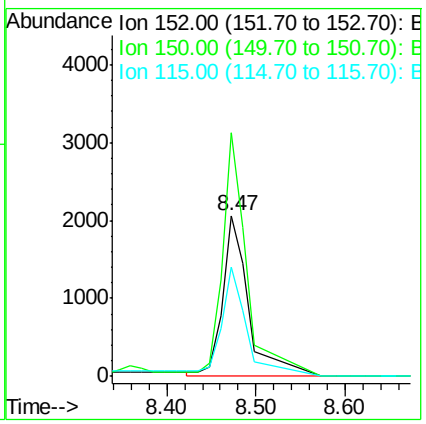


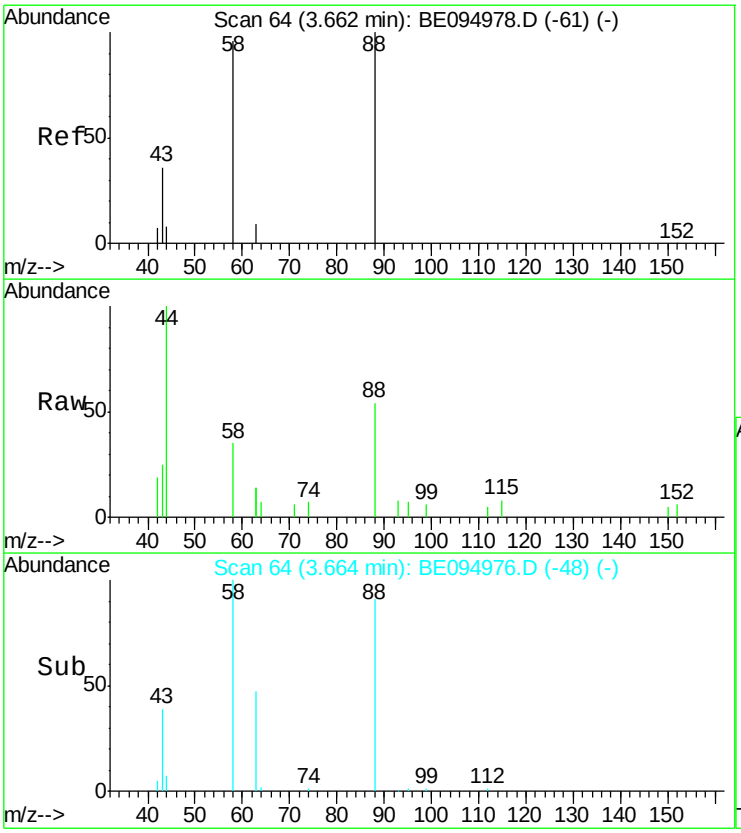
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 6024

Ion	Ratio	Lower	Upper
152	100		
150	151.4	117.2	175.8
115	67.6	57.0	85.6

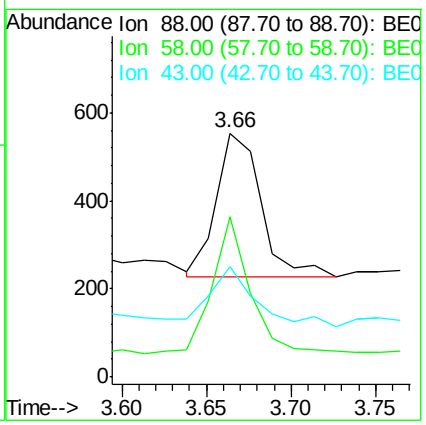


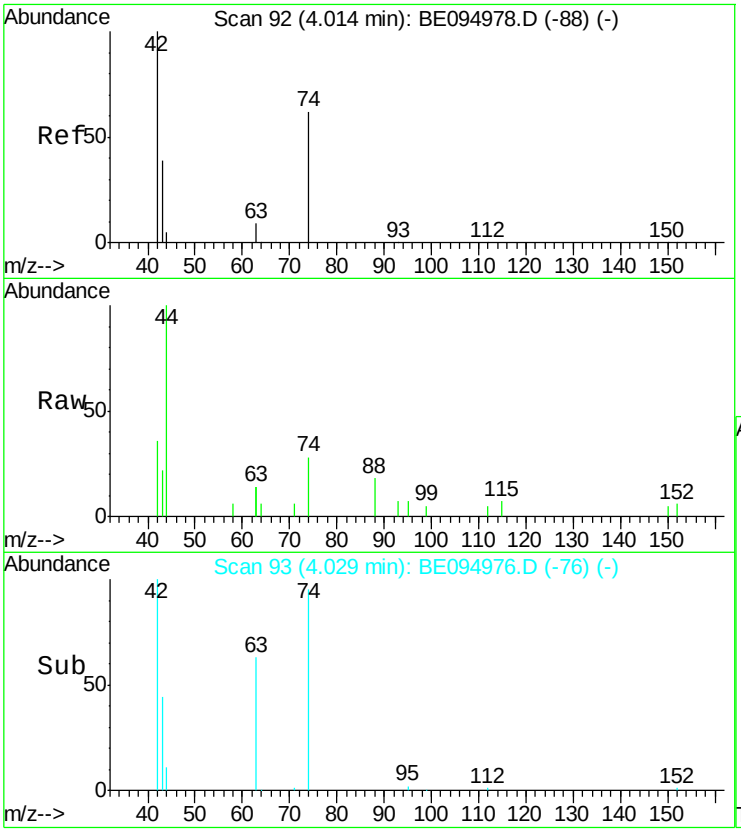


#2
1,4-Dioxane
Concen: 0.096 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion: 88 Resp: 602

Ion	Ratio	Lower	Upper
88	100		
58	80.4	63.2	94.8
43	45.2	41.2	61.8



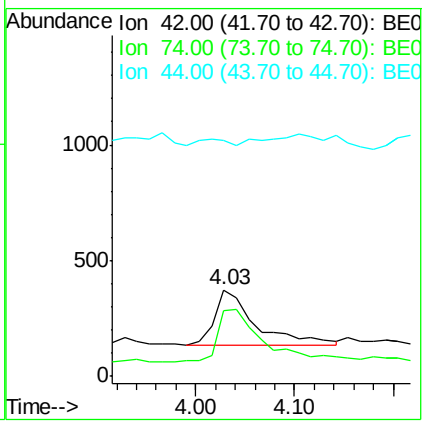


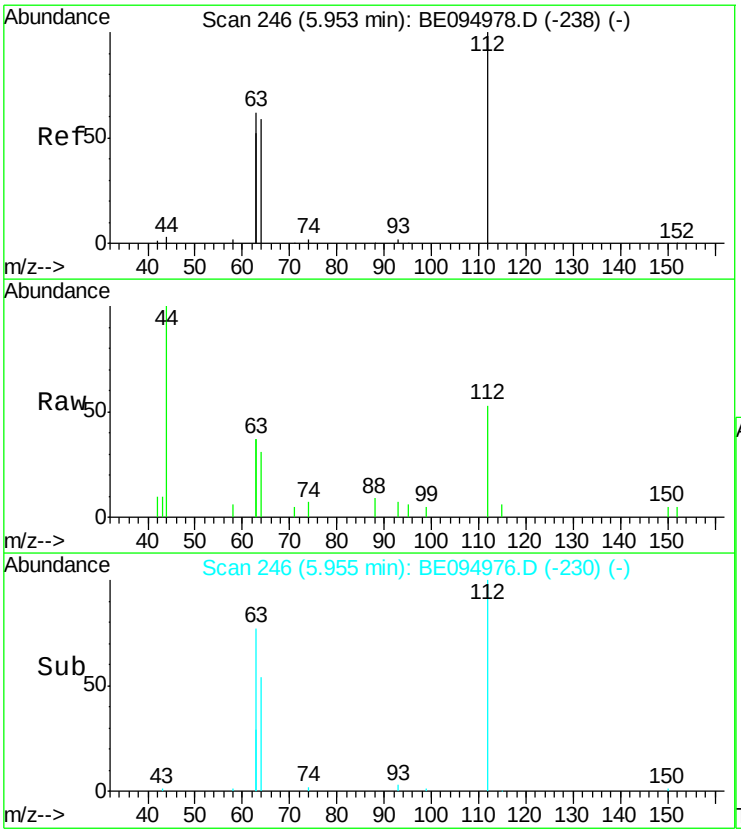
#3
n-Nitrosodimethylamine
Concen: 0.088 ng
RT: 4.03 min Scan# 93
Delta R.T. 0.01 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 704

Ion	Ratio	Lower	Upper
42	100		
74	101.3	96.0	144.0
44	0.0	12.0	18.0#

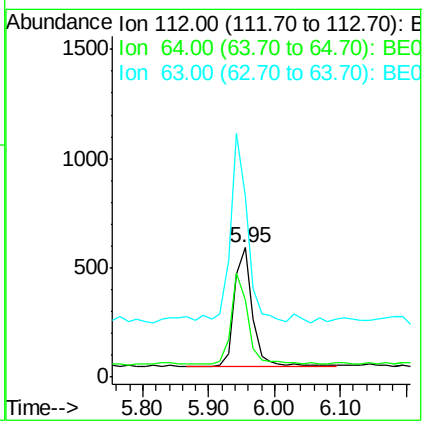


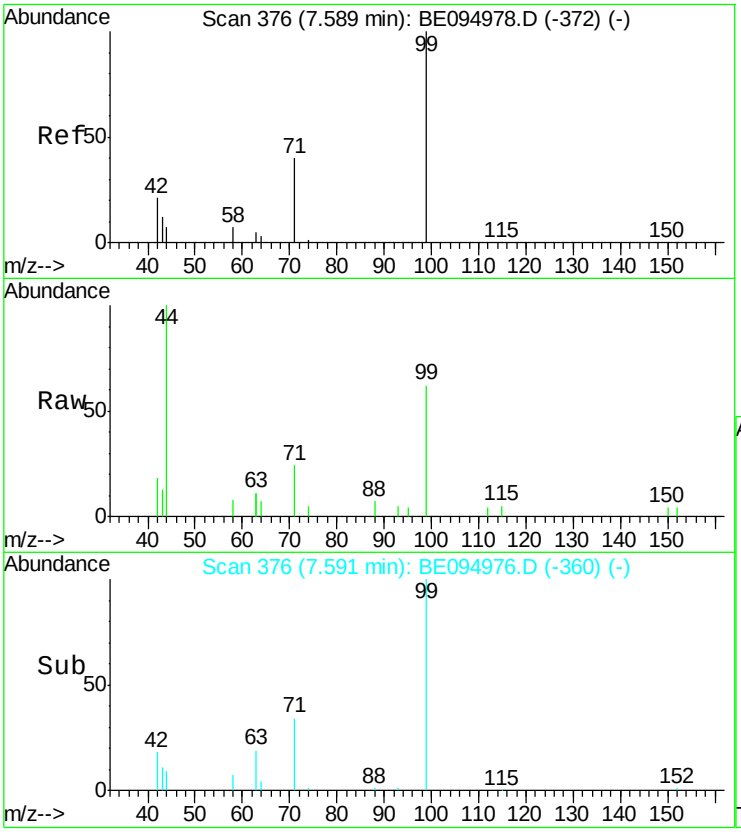


#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.95 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:112 Resp: 1026

Ion	Ratio	Lower	Upper
112	100		
64	71.9	60.1	90.1
63	153.9	116.8	175.2



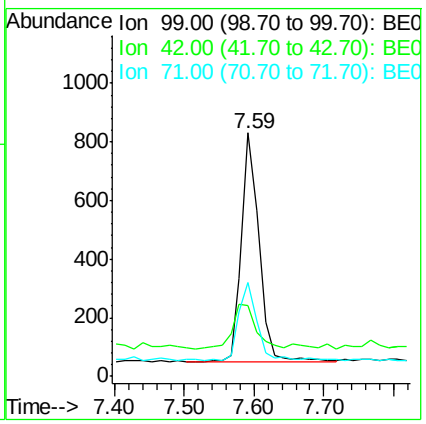


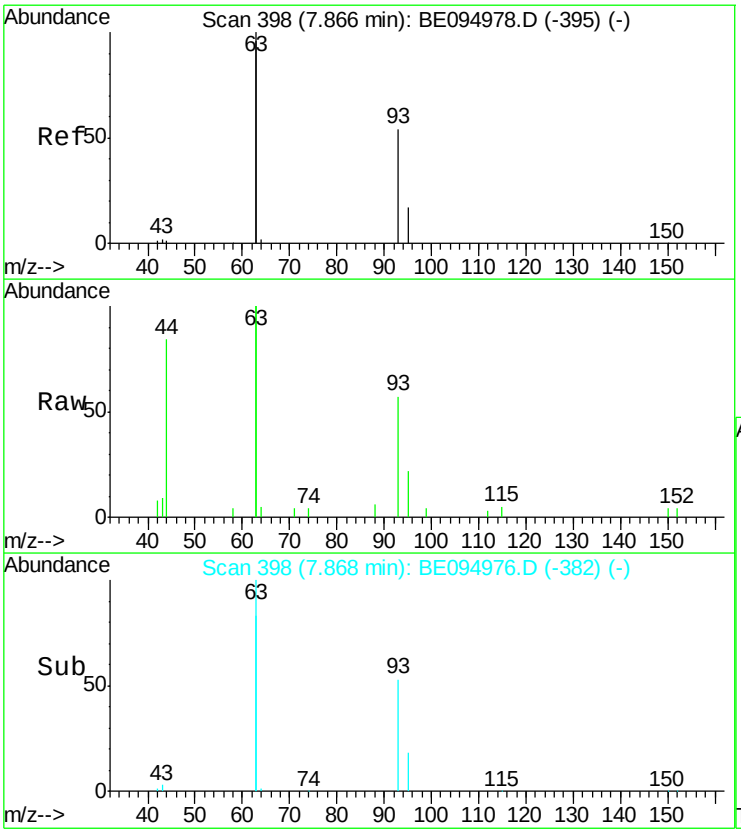
#5
Phenol-d6
Concen: 0.098 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1389

Ion	Ratio	Lower	Upper
99	100		
42	27.1	20.2	30.2
71	36.2	28.4	42.6

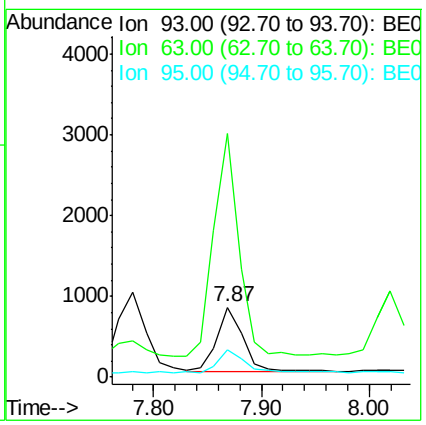


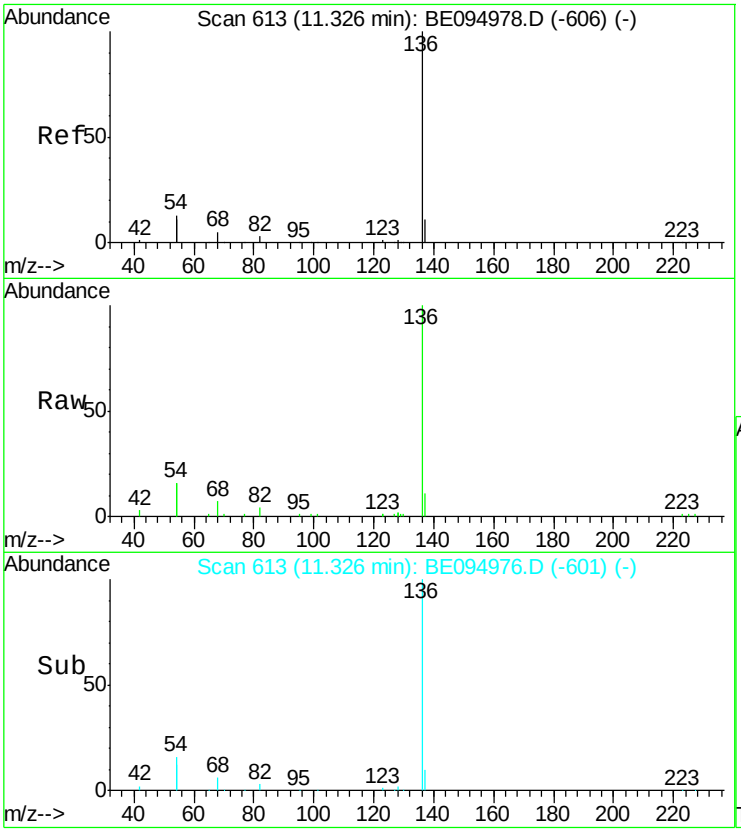


#6
bis(2-Chloroethyl)ether
Concen: 0.096 ng
RT: 7.87 min Scan# 398
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion: 93 Resp: 1349

Ion	Ratio	Lower	Upper
93	100		
63	324.7	275.3	412.9
95	34.5	25.2	37.8



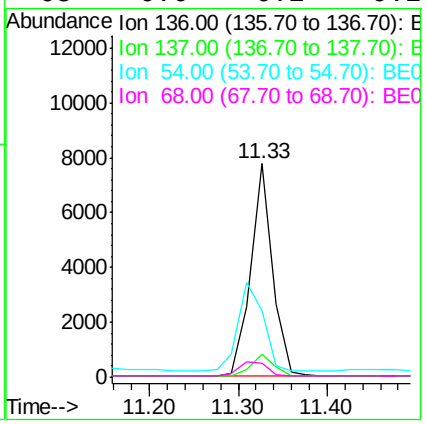


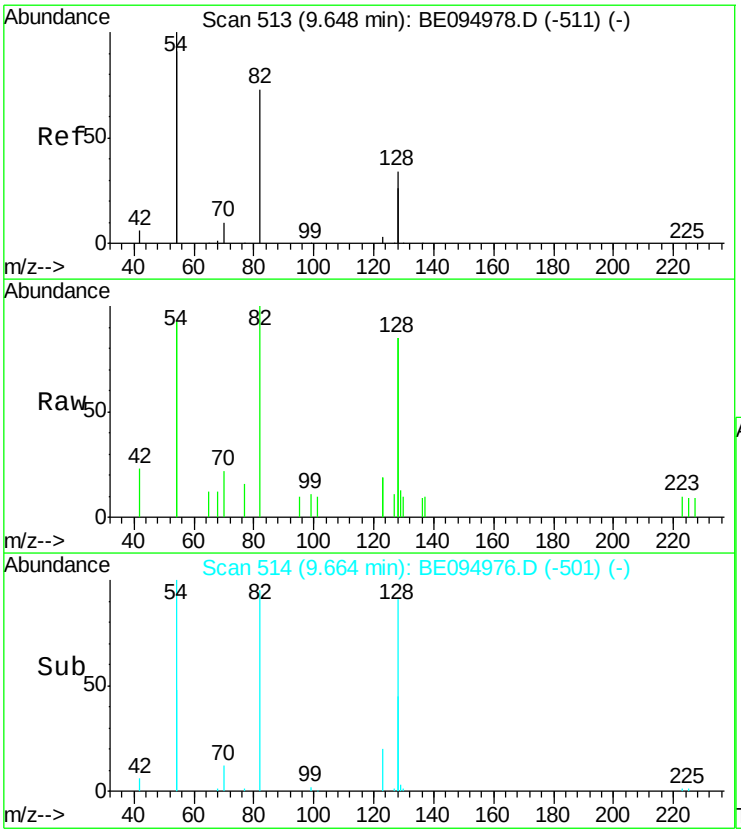
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 13208

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.5	14.3
54	31.4	29.1	43.7
68	6.6	6.2	9.2

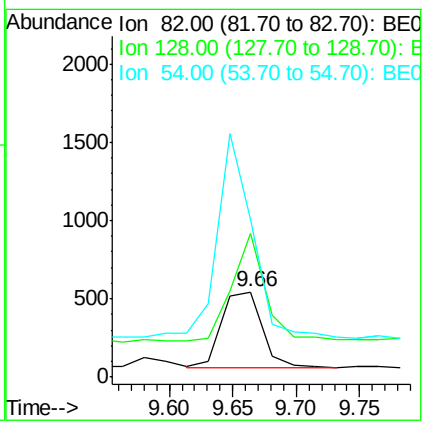


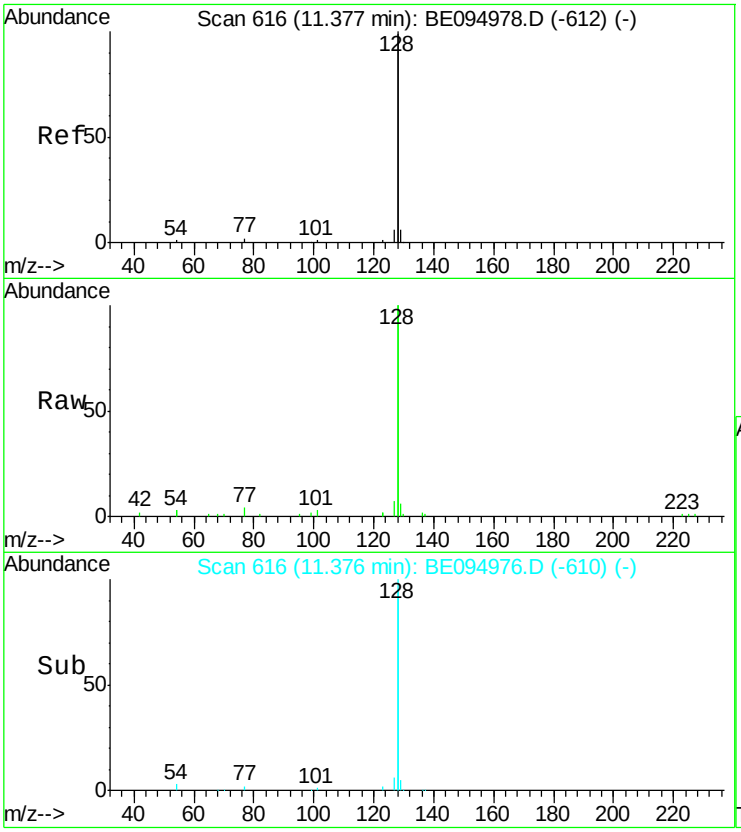


#8
Nitrobenzene-d5
Concen: 0.137 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.02 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion: 82 Resp: 1072

Ion	Ratio	Lower	Upper
82	100		
128	169.0	150.0	225.0
54	186.0	154.2	231.4



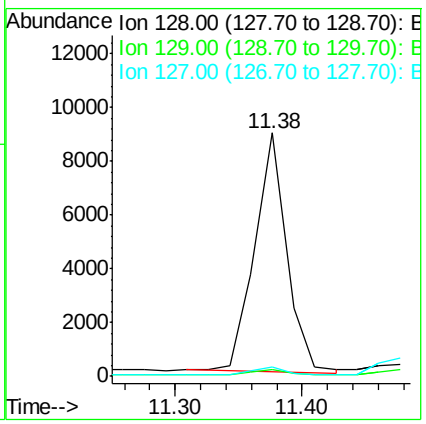


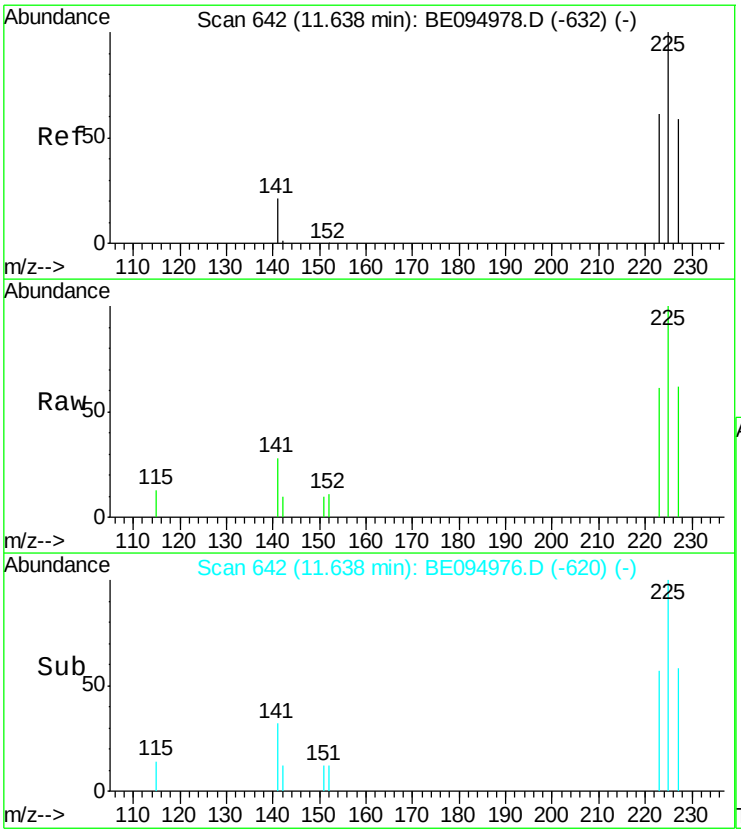
#9
Naphthalene
Concen: 0.100 ng
RT: 11.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 15511

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.7	2.8	4.2

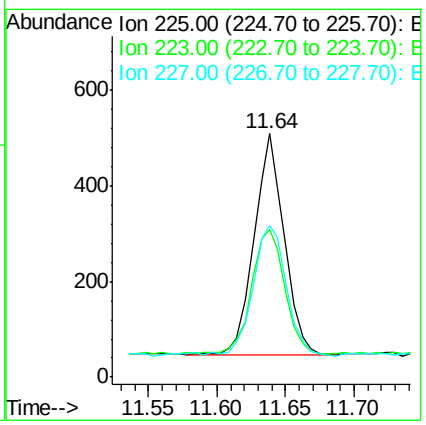


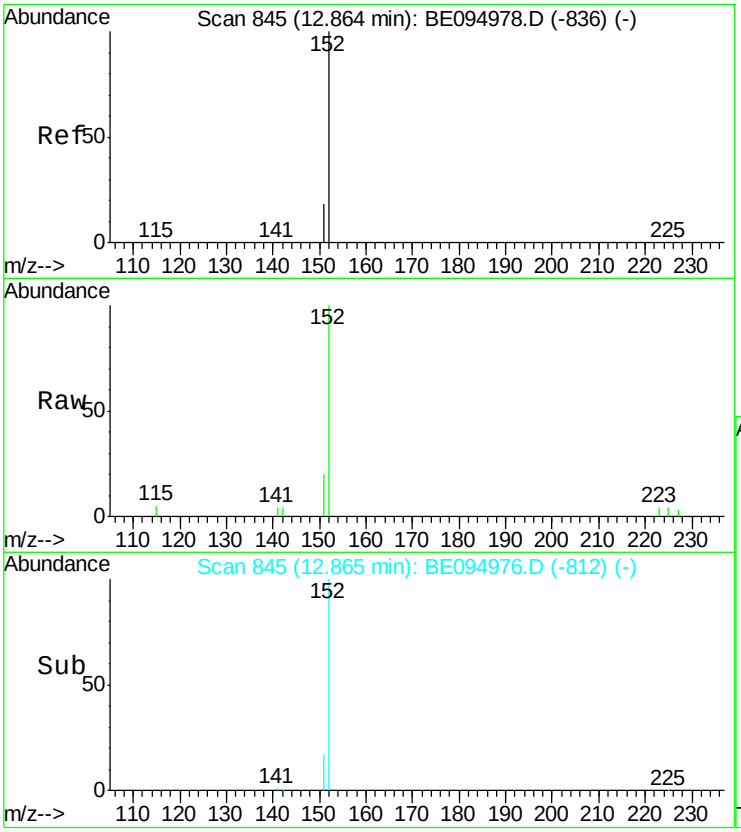


#10
Hexachlorobutadiene
Concen: 0.109 ng
RT: 11.64 min Scan# 642
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:225 Resp: 710

Ion	Ratio	Lower	Upper
225	100		
223	62.5	53.0	79.6
227	65.8	51.4	77.2



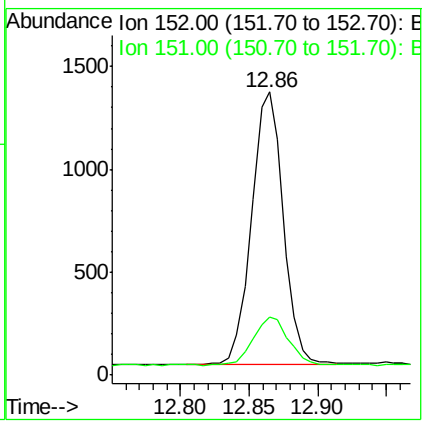


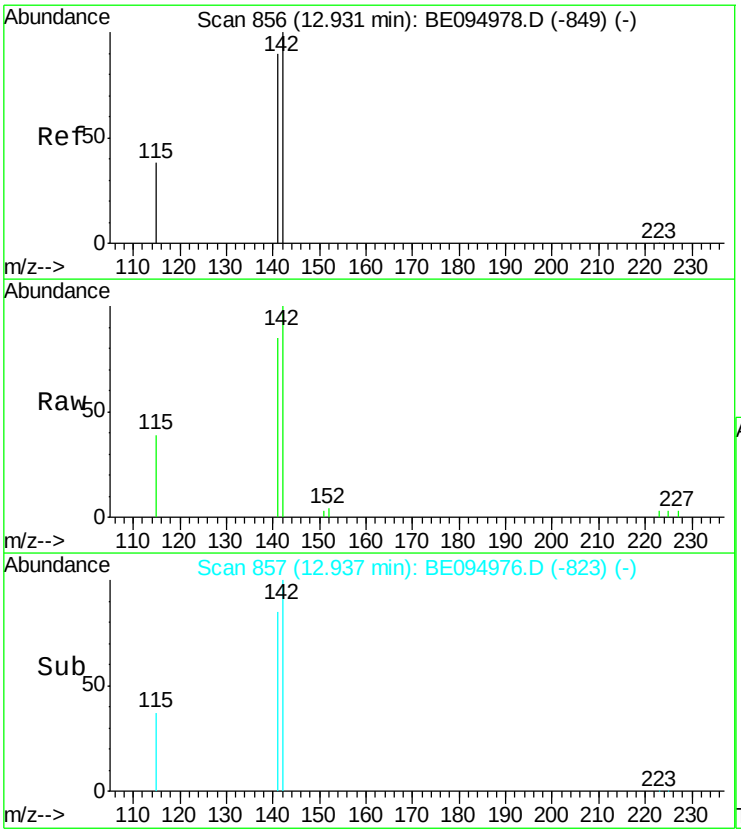
#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 12.86 min Scan# 845
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2136

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

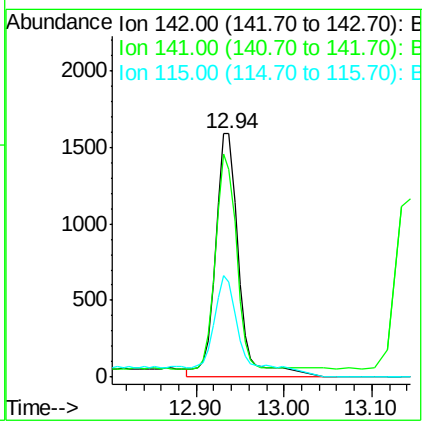


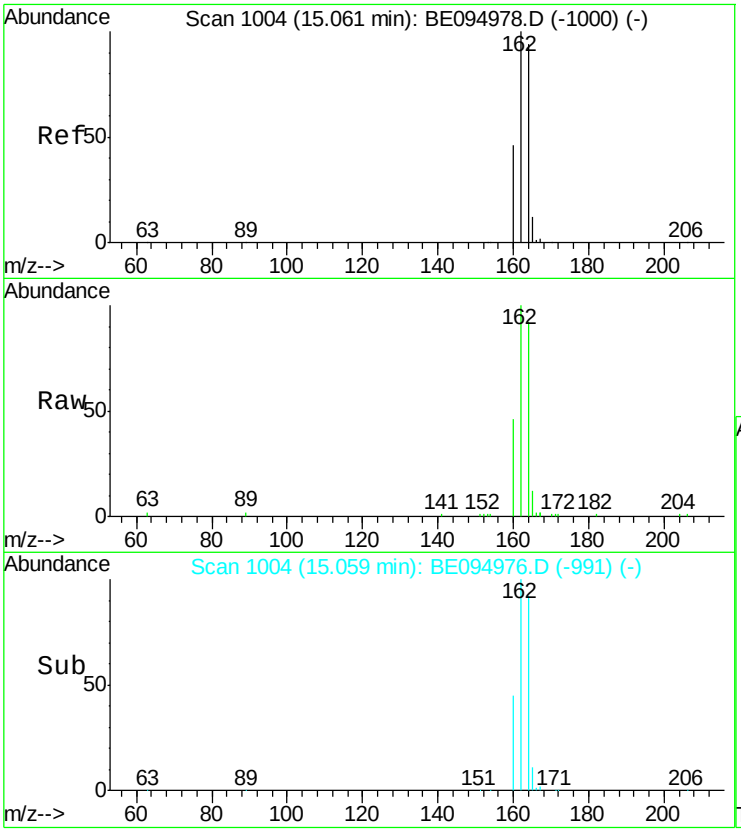


#12
2-Methylnaphthalene
Concen: 0.105 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.01 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:142 Resp: 4026

Ion	Ratio	Lower	Upper
142	100		
141	85.1	70.4	105.6
115	39.3	31.7	47.5



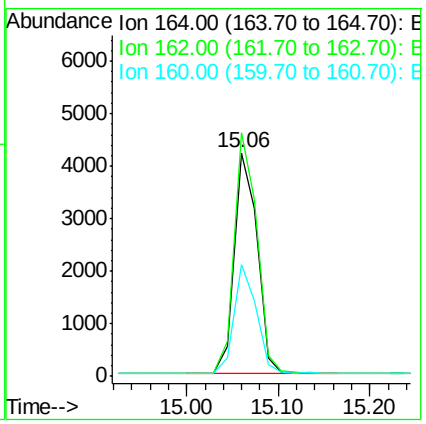


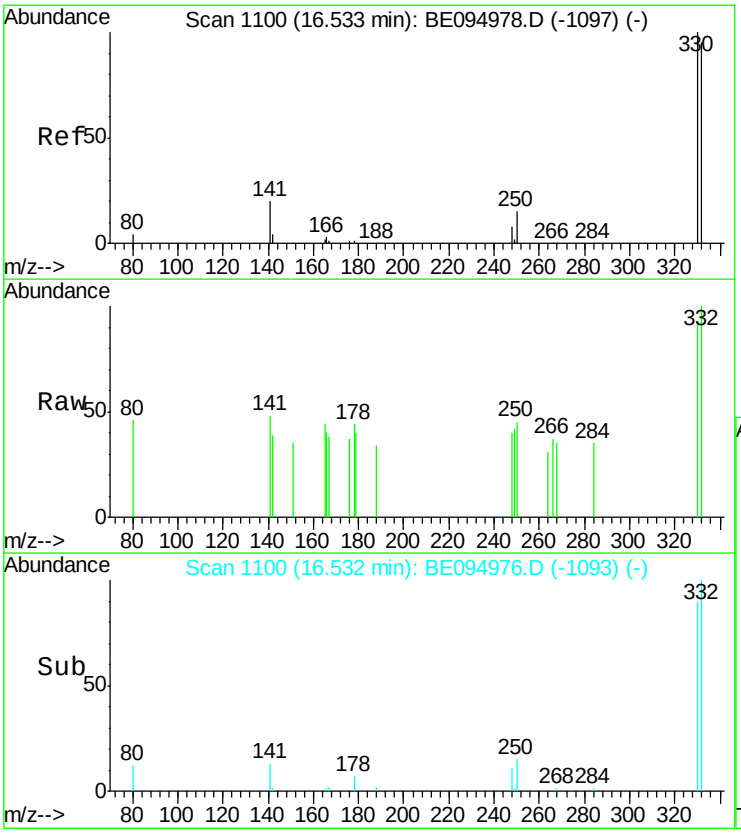
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 7346

Ion	Ratio	Lower	Upper
164	100		
162	109.1	83.1	124.7
160	50.2	37.1	55.7

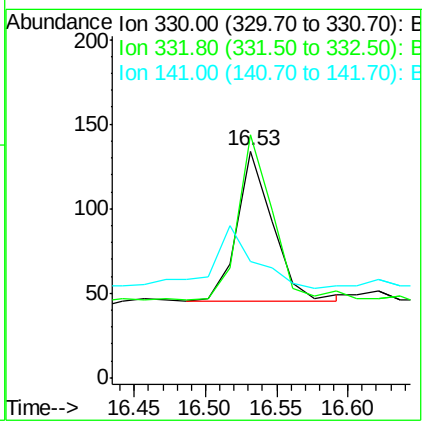


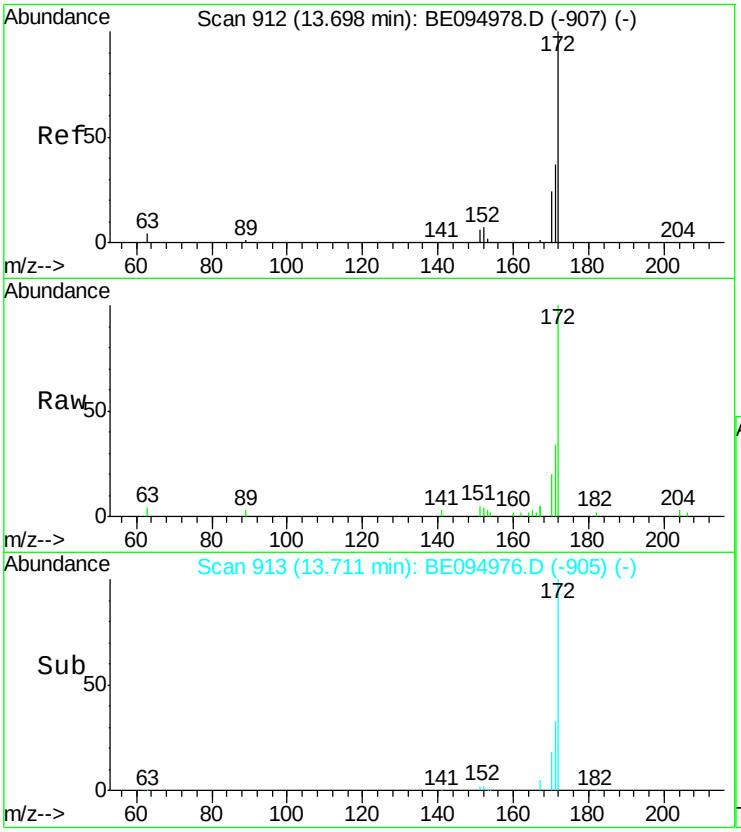


#14
2,4,6-Tribromophenol
Concen: 0.100 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:330 Resp: 159

Ion	Ratio	Lower	Upper
330	100		
332	106.3	152.7	229.1#
141	47.8	33.7	50.5



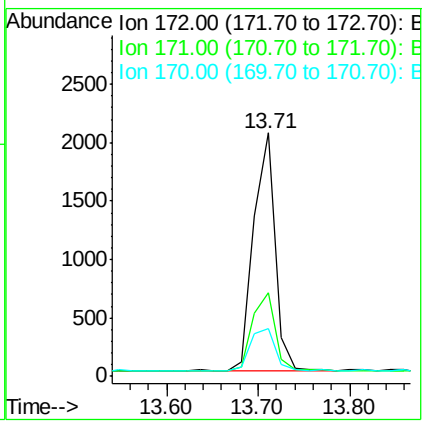


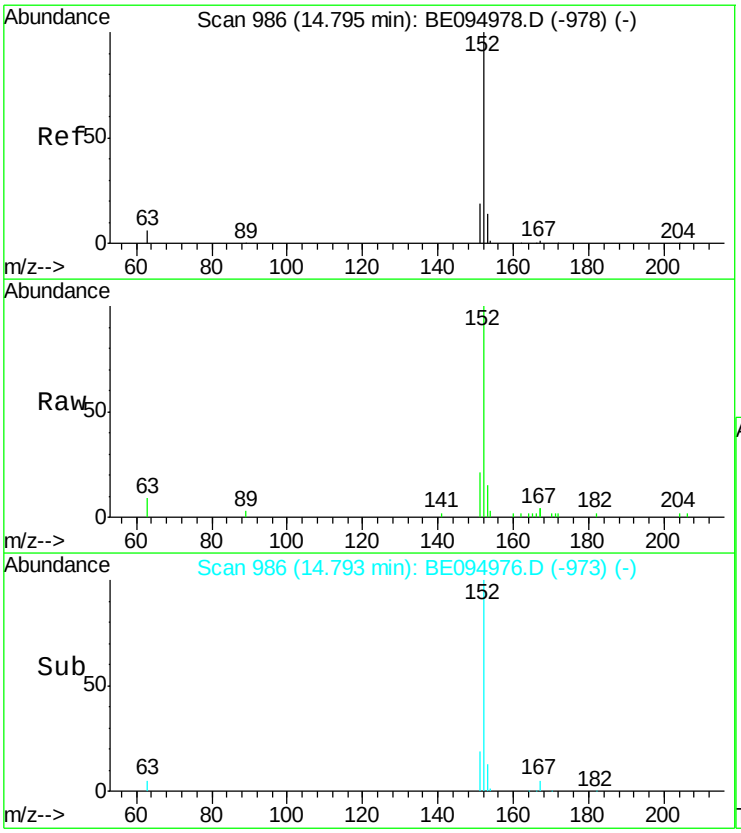
#15
2-Fluorobiphenyl
Concen: 0.107 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.01 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3368

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	19.9	21.8	32.8#

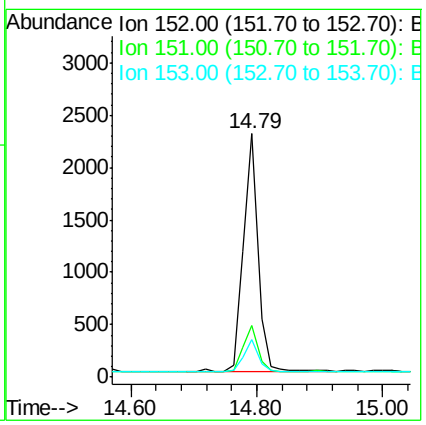


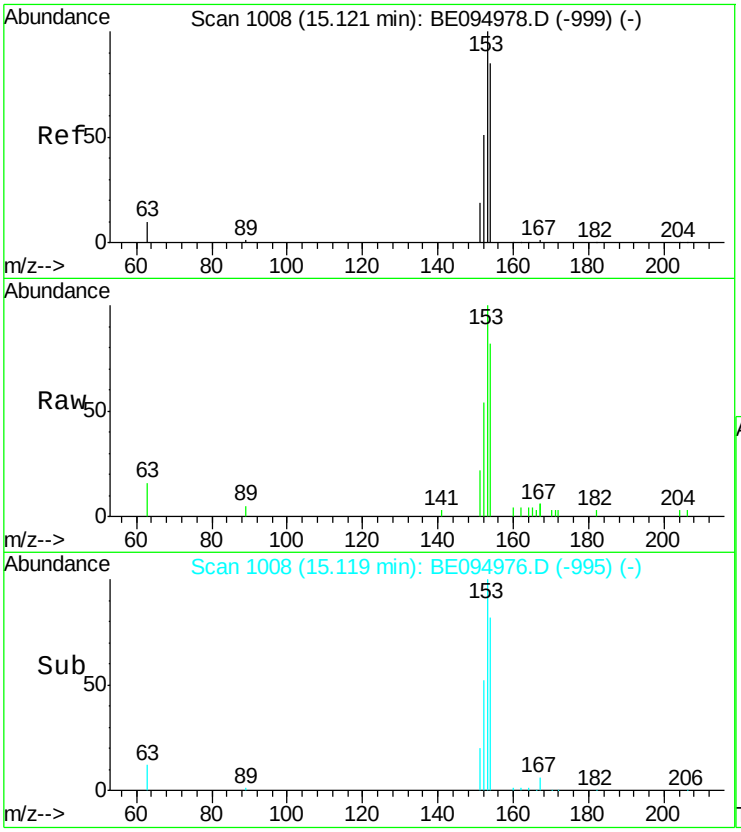


#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:152 Resp: 3692

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	14.0	10.5	15.7



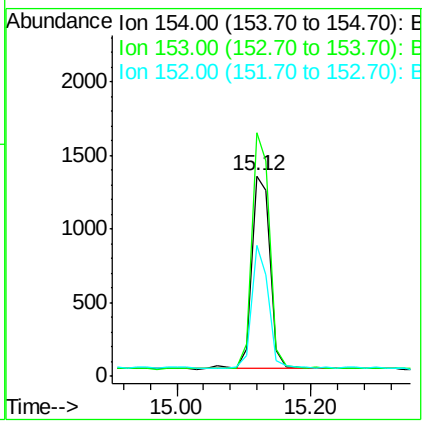


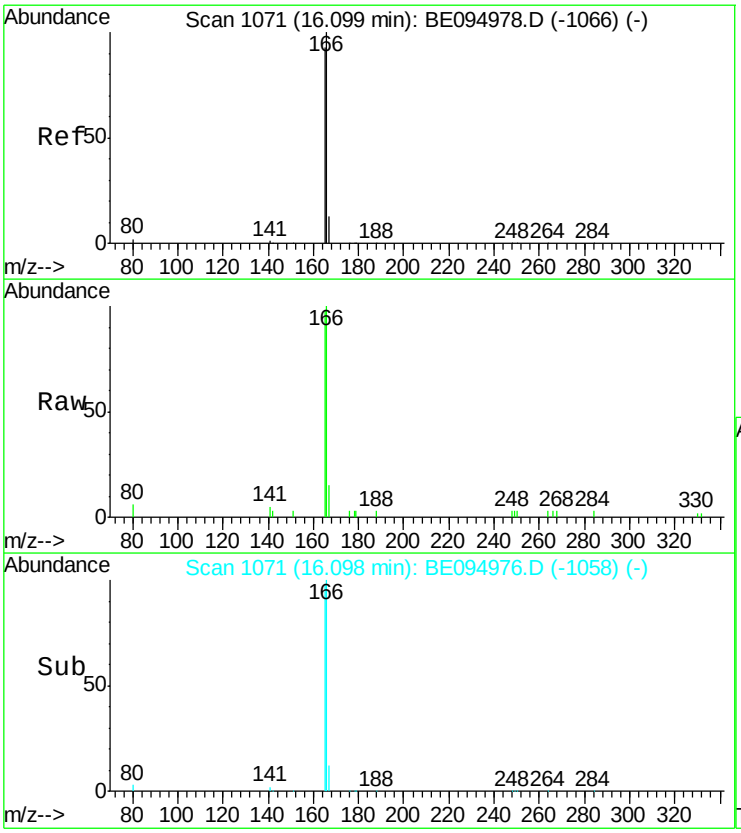
#17
Acenaphthene
Concen: 0.094 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2531

Ion	Ratio	Lower	Upper
154	100		
153	118.5	89.2	133.8
152	59.4	42.0	63.0

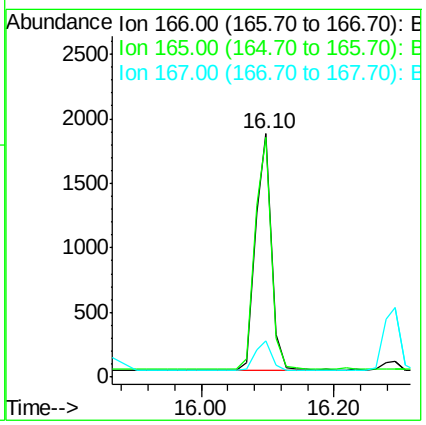


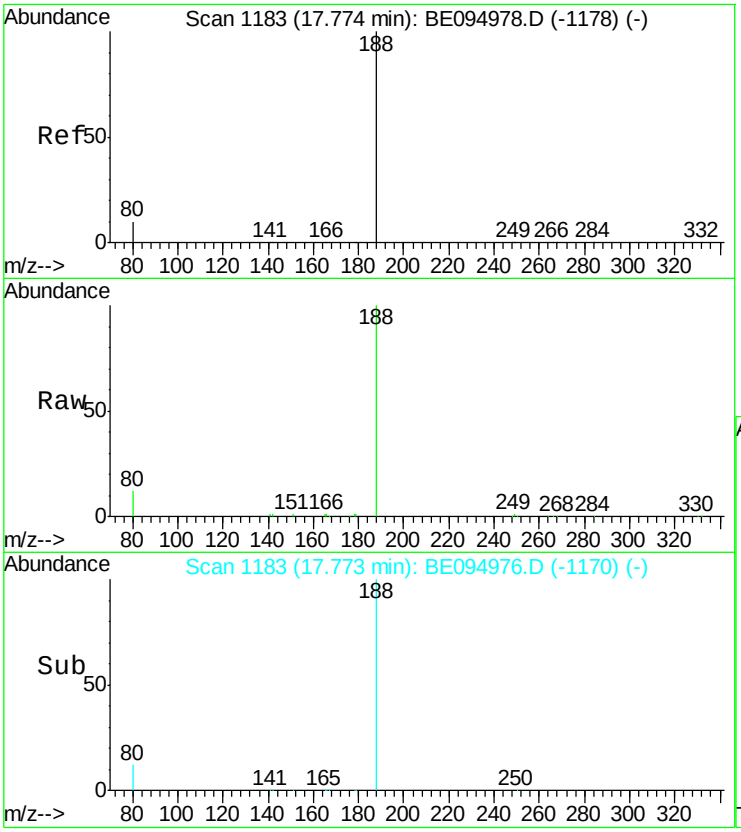


#18
Fluorene
Concen: 0.091 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:166 Resp: 3099

Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.8	116.6
167	12.6	42.4	63.6#



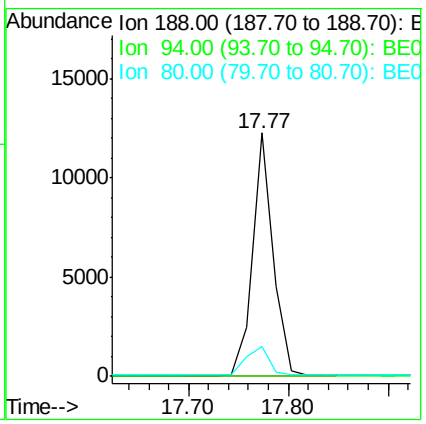


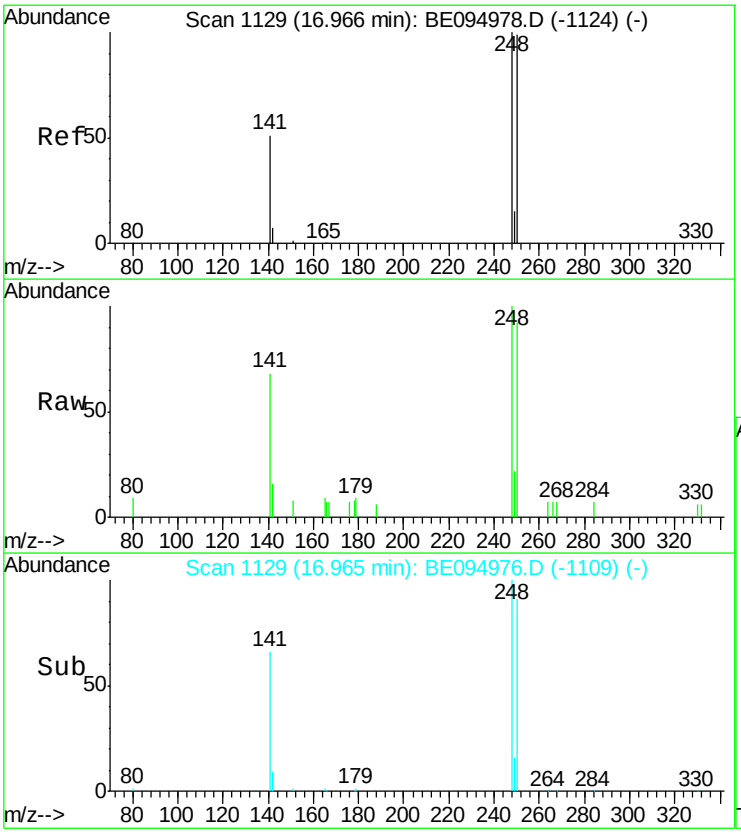
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 17571

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.4	3.6	5.4#

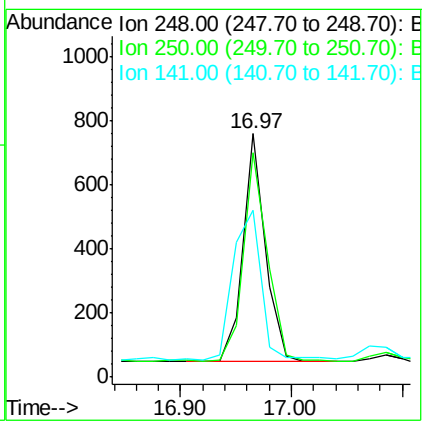


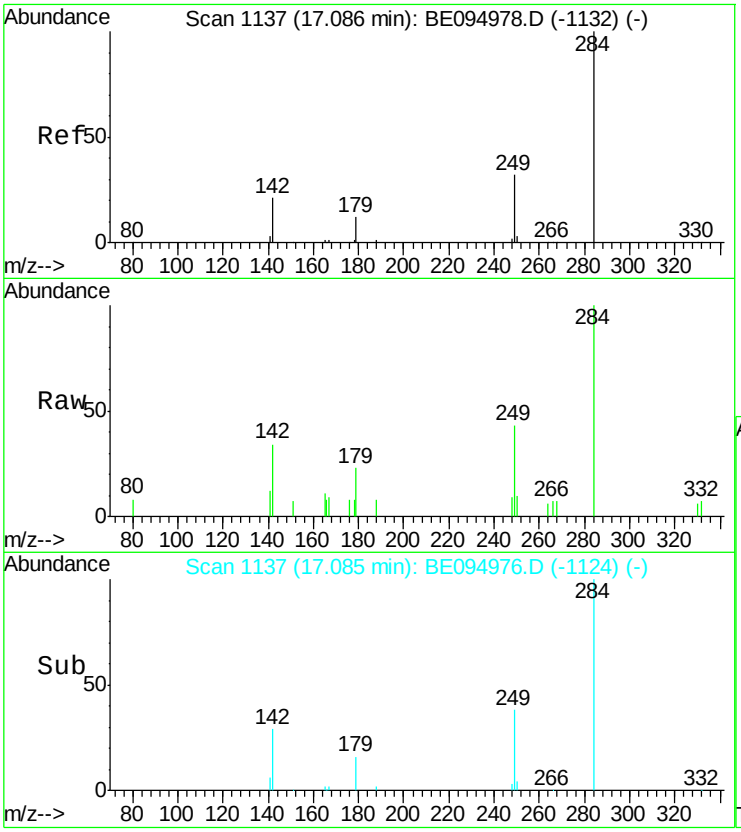


#20
4-Bromophenyl-phenylether
Concen: 0.101 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:248 Resp: 991

Ion	Ratio	Lower	Upper
248	100		
250	92.0	62.7	94.1
141	68.4	48.2	72.2



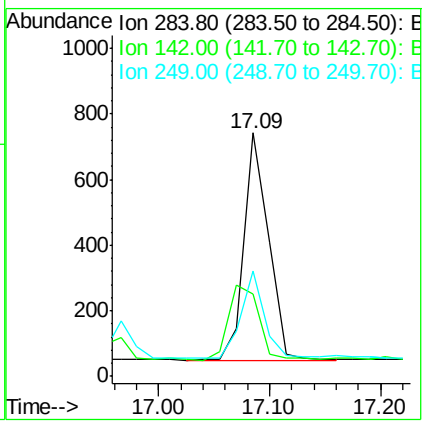


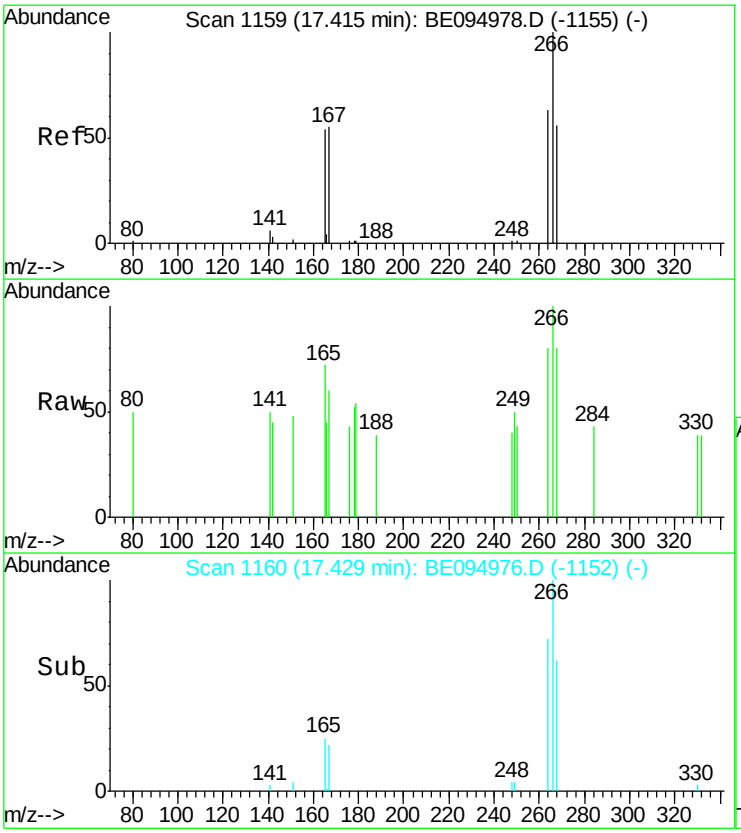
#21
Hexachlorobenzene
Concen: 0.111 ng
RT: 17.09 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1062

Ion	Ratio	Lower	Upper
284	100		
142	41.7	22.1	33.1#
249	37.7	34.8	52.2

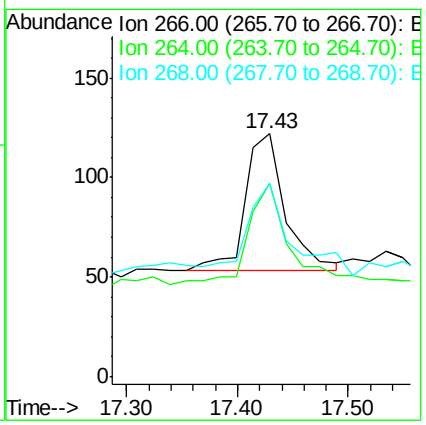


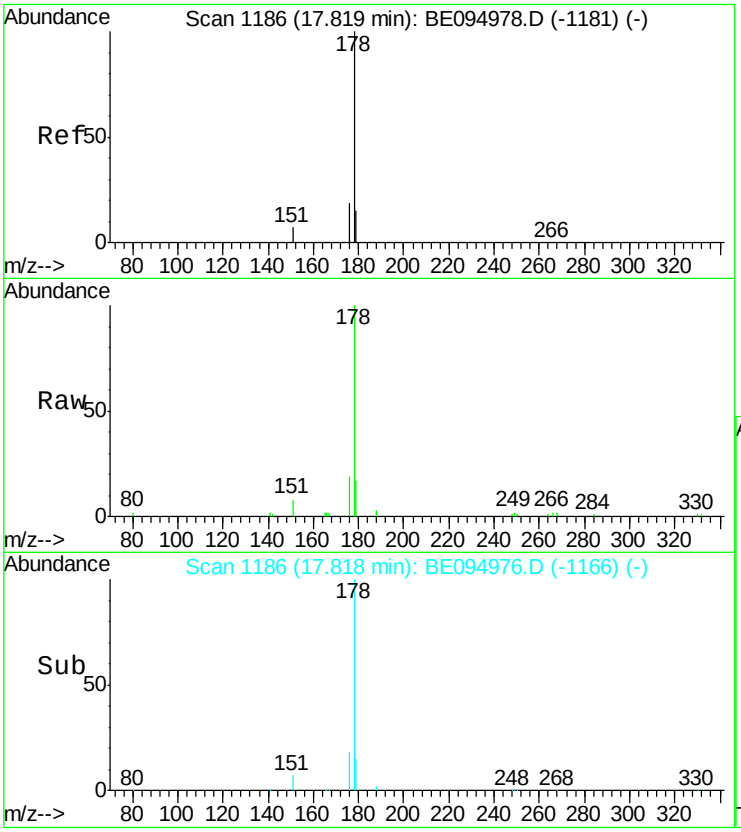


#22
Pentachlorophenol
Concen: 0.074 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:266 Resp: 174

Ion	Ratio	Lower	Upper
266	100		
264	79.5	72.5	108.7
268	79.5	73.8	110.6



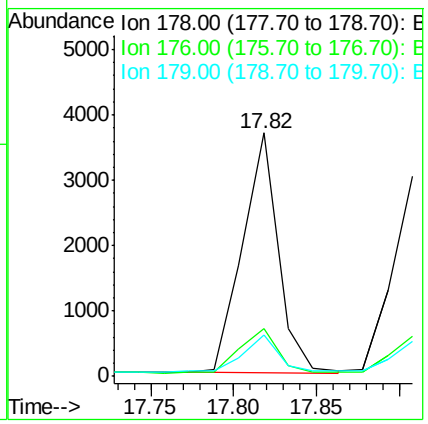


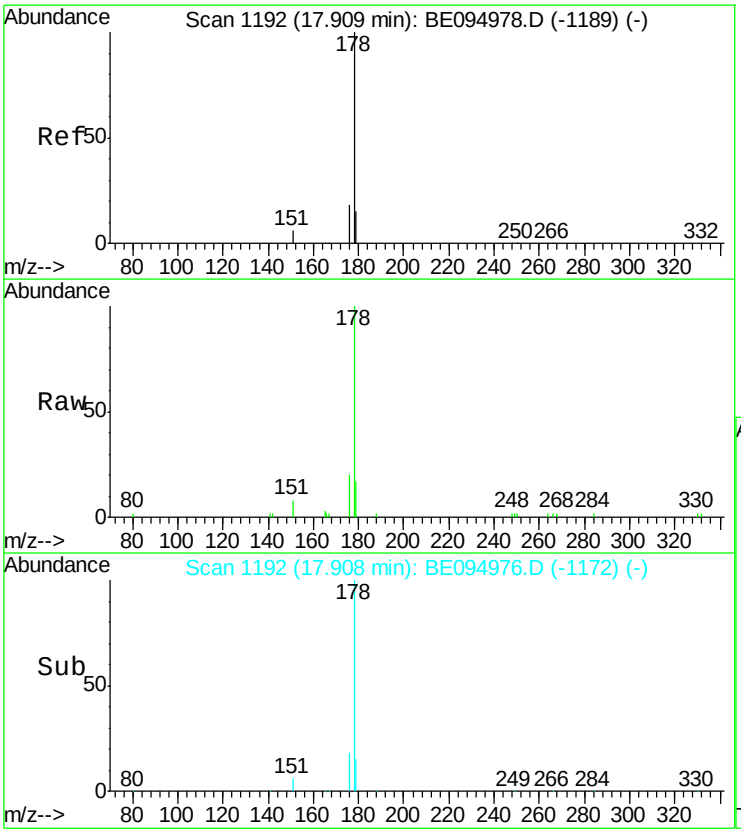
#23
Phenanthrene
Concen: 0.098 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 5484

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.1	22.7
179	15.9	11.8	17.6

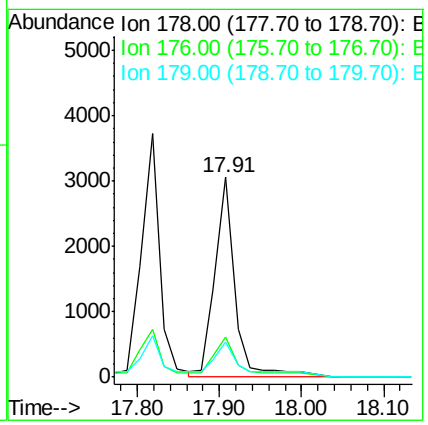


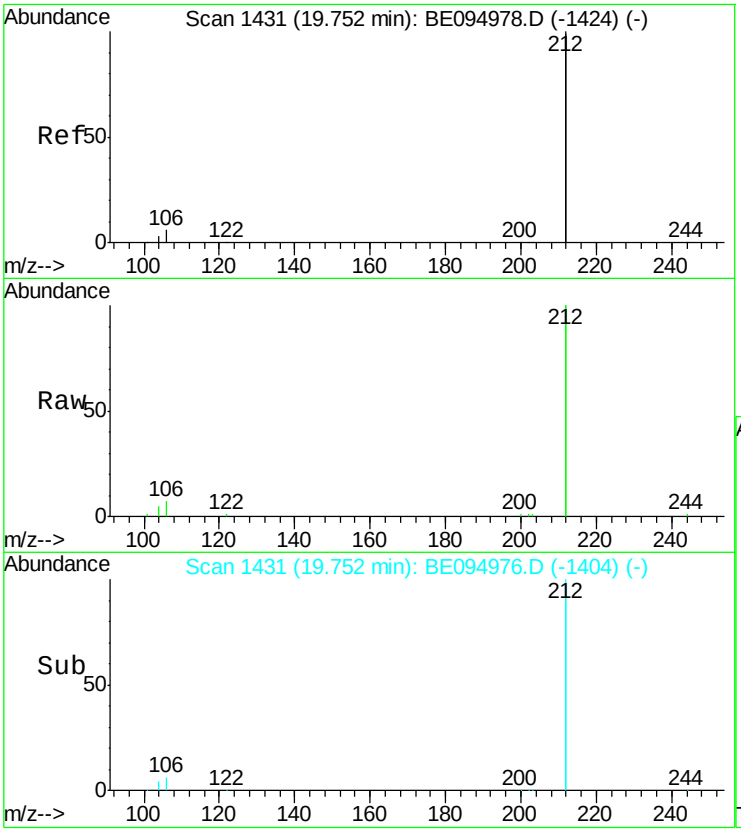


#24
Anthracene
Concen: 0.096 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:178 Resp: 5674

Ion	Ratio	Lower	Upper
178	100		
176	26.5	12.8	19.2#
179	25.4	13.0	19.6#



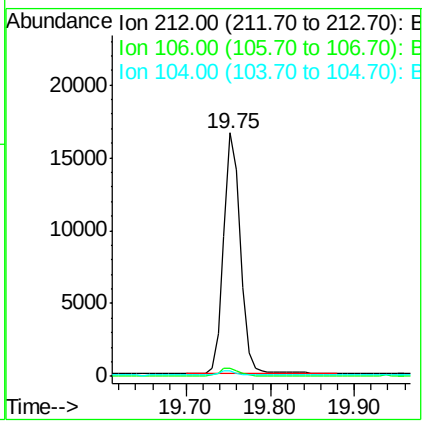


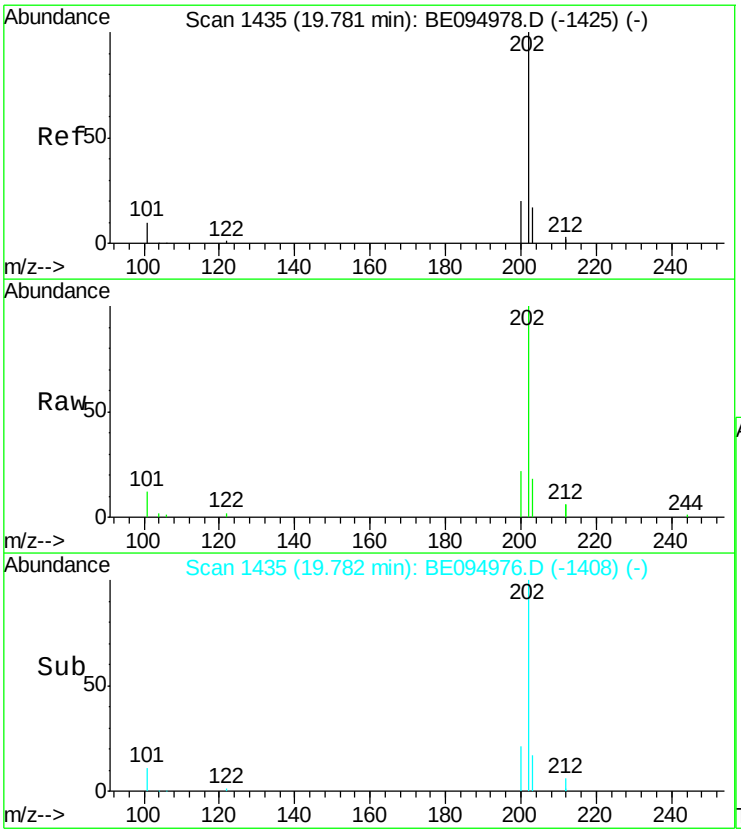
#25
Fluoranthene-d10
Concen: 0.095 ng
RT: 19.75 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 22878

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

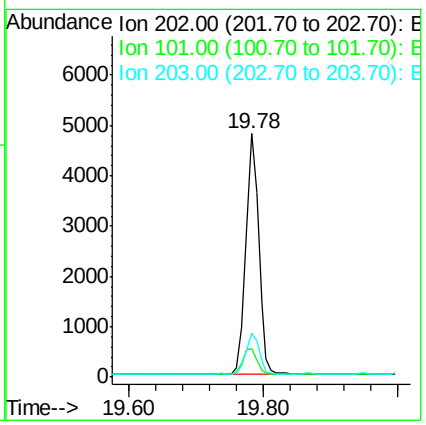


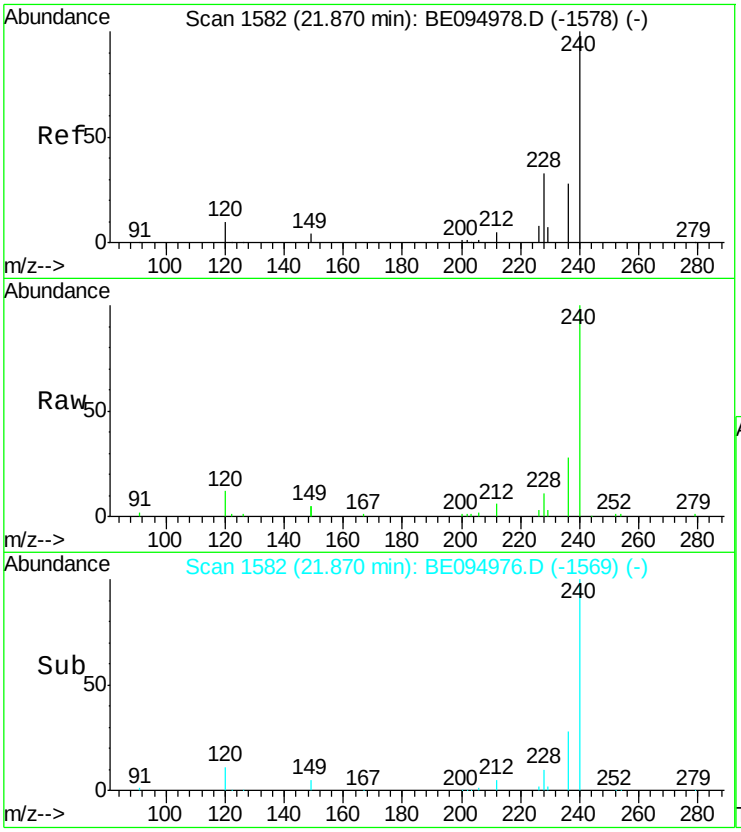


#26
Fluoranthene
Concen: 0.090 ng
RT: 19.78 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:202 Resp: 6454

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	17.2	13.7	20.5



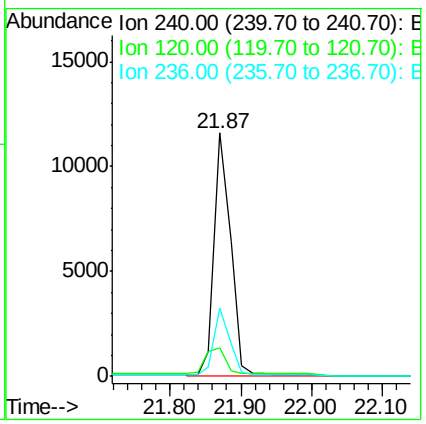


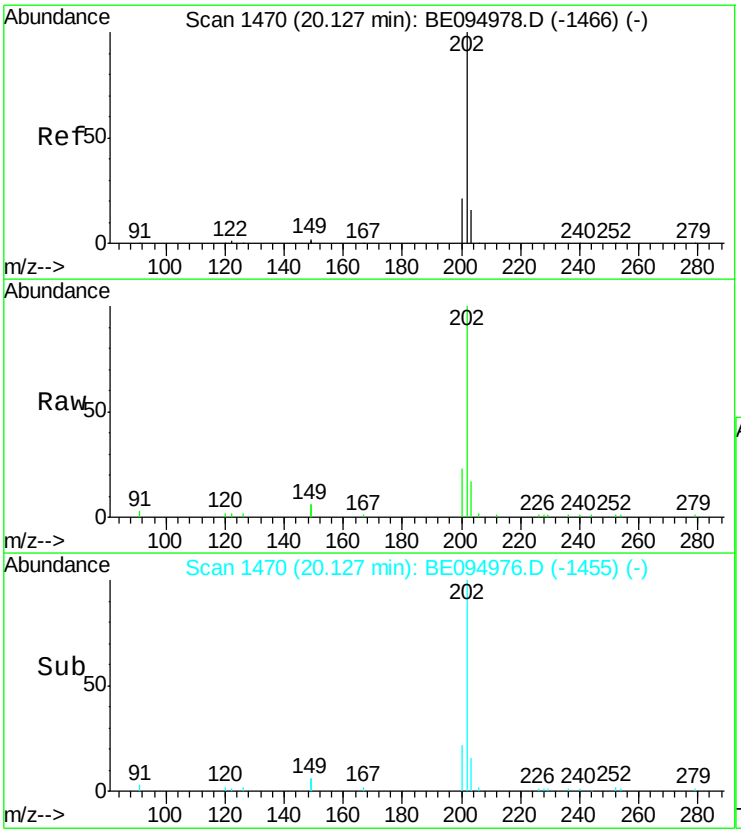
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 19836

Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.5	8.3#
236	28.3	20.7	31.1

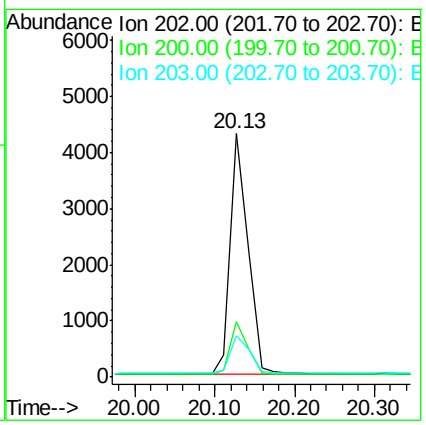


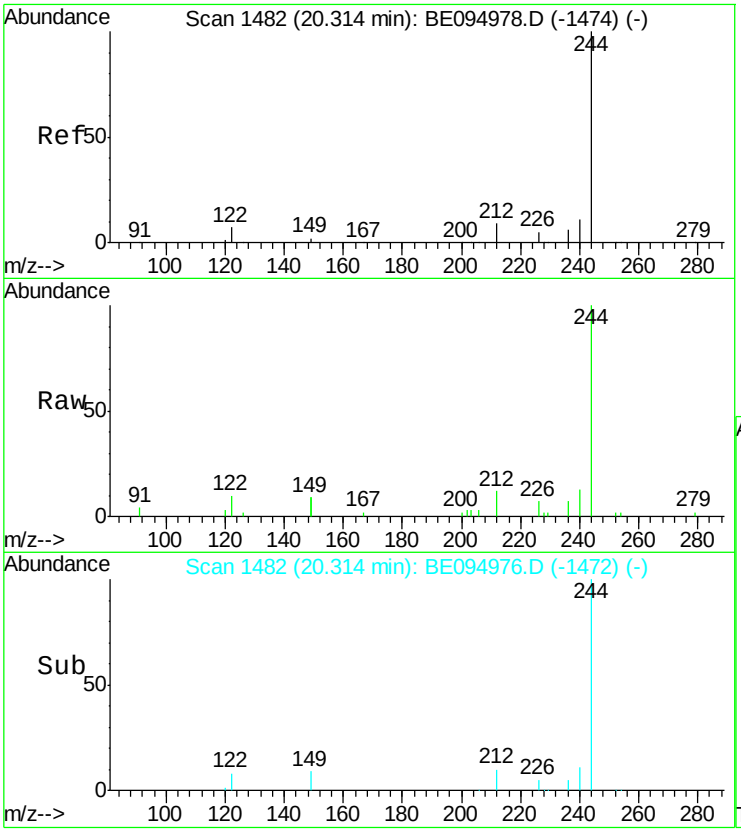


#28
Pyrene
Concen: 0.095 ng
RT: 20.13 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:202 Resp: 6489

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.4	13.8	20.8



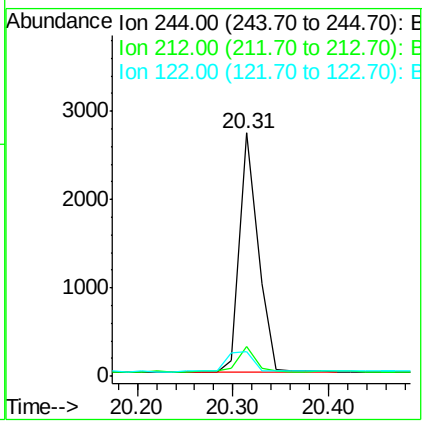


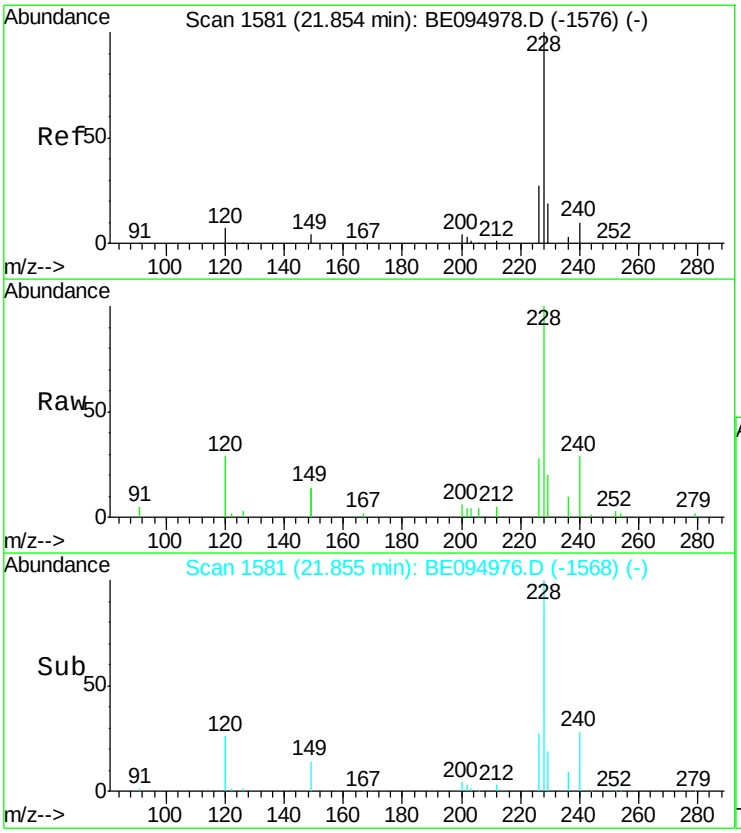
#29
Terphenyl-d14
Concen: 0.099 ng
RT: 20.31 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3642

Ion	Ratio	Lower	Upper
244	100		
212	12.1	25.4	38.0#
122	10.1	8.1	12.1

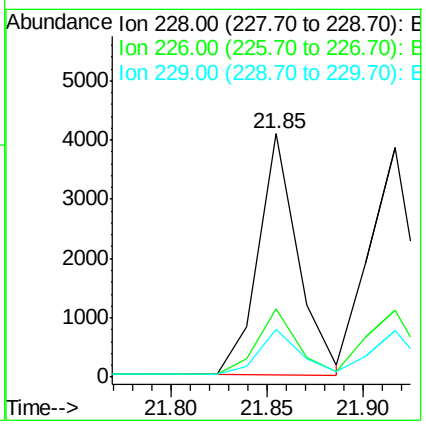


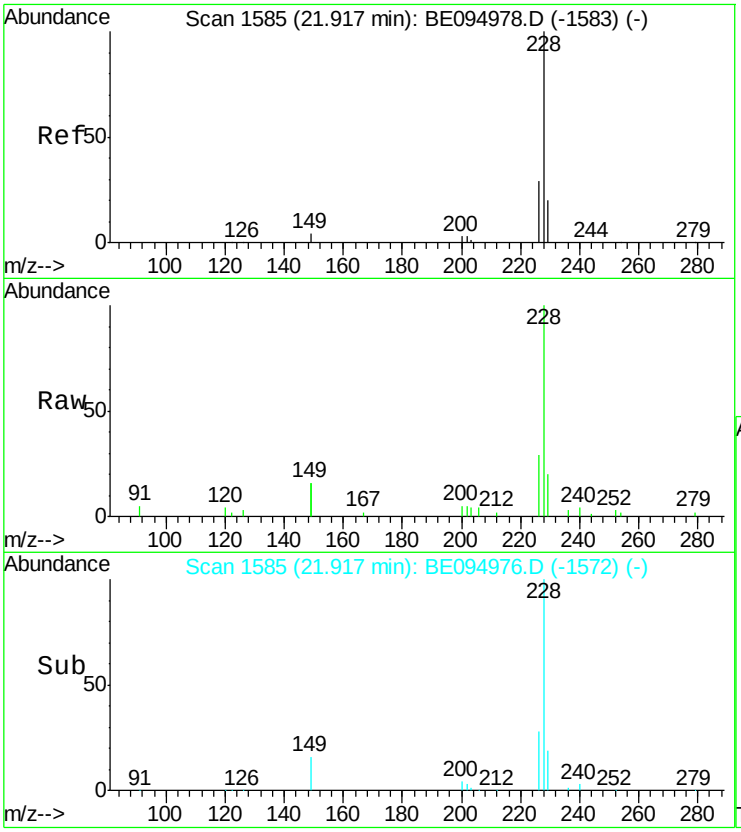


#30
Benzo(a)anthracene
Concen: 0.096 ng
RT: 21.85 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:228 Resp: 5840

Ion	Ratio	Lower	Upper
228	100		
226	28.3	40.0	60.0#
229	19.7	40.0	60.0#



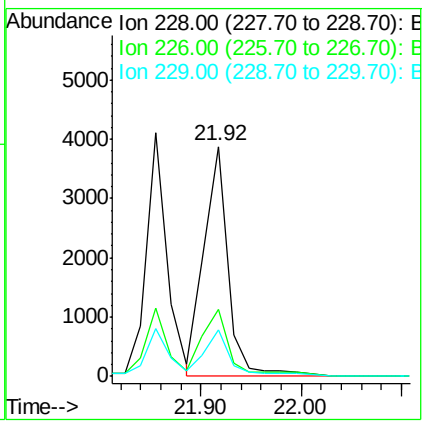


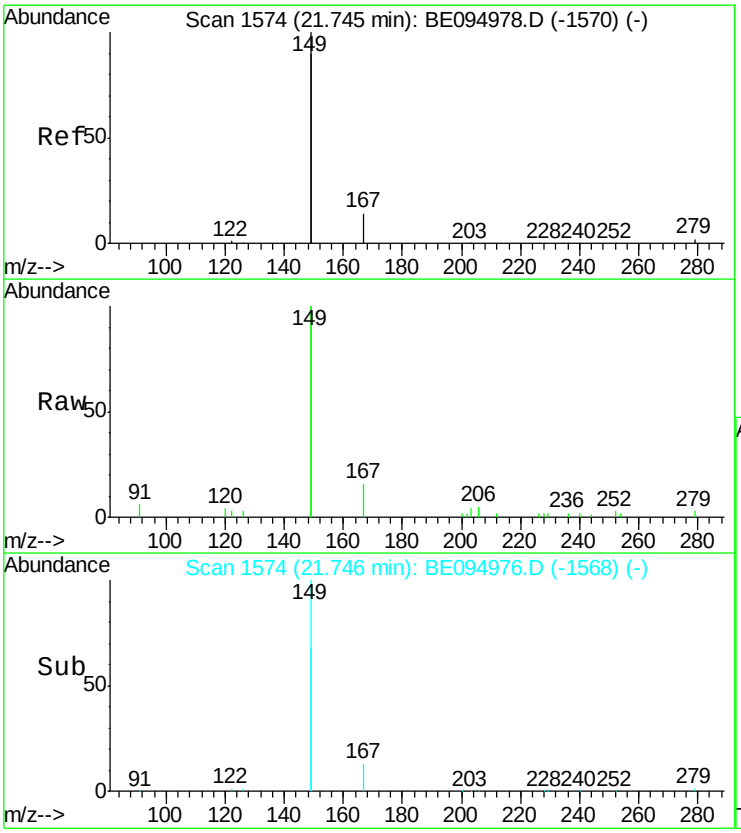
#31
Chrysene
Concen: 0.102 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 6831

Ion	Ratio	Lower	Upper
228	100		
226	29.3	40.0	60.0#
229	20.5	40.0	60.0#

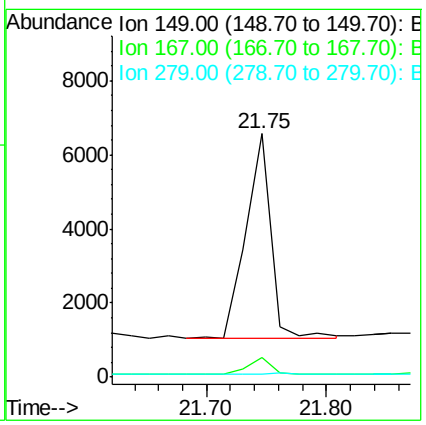


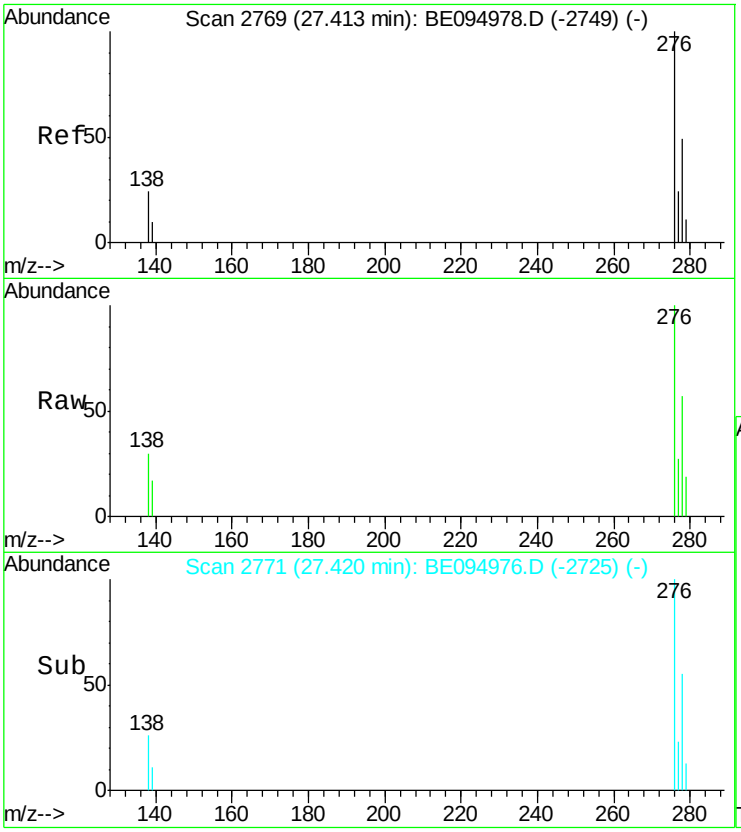


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 21.75 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:149 Resp: 8040

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	0.9	0.7	1.1



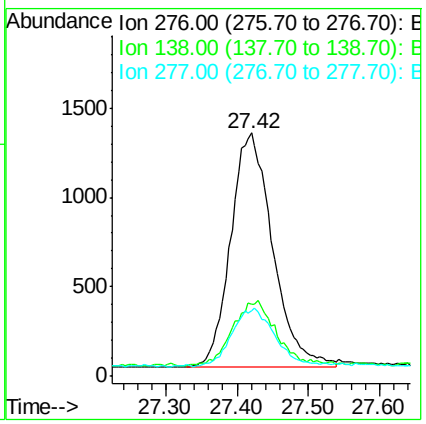


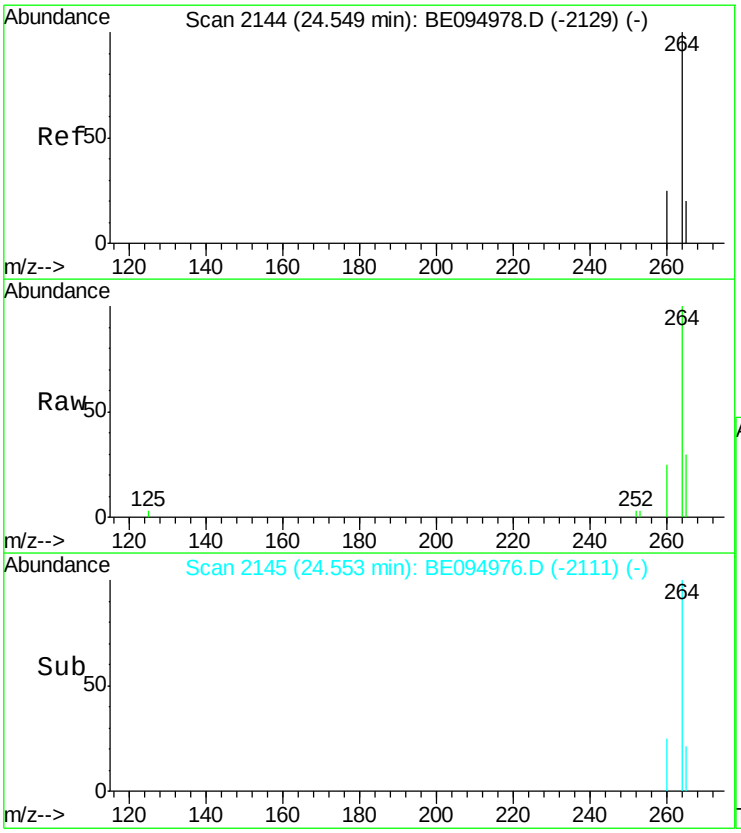
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng
RT: 27.42 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 5358

Ion	Ratio	Lower	Upper
276	100		
138	29.1	22.5	33.7
277	25.3	19.9	29.9

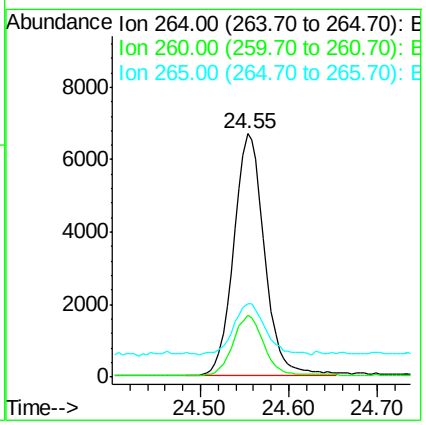


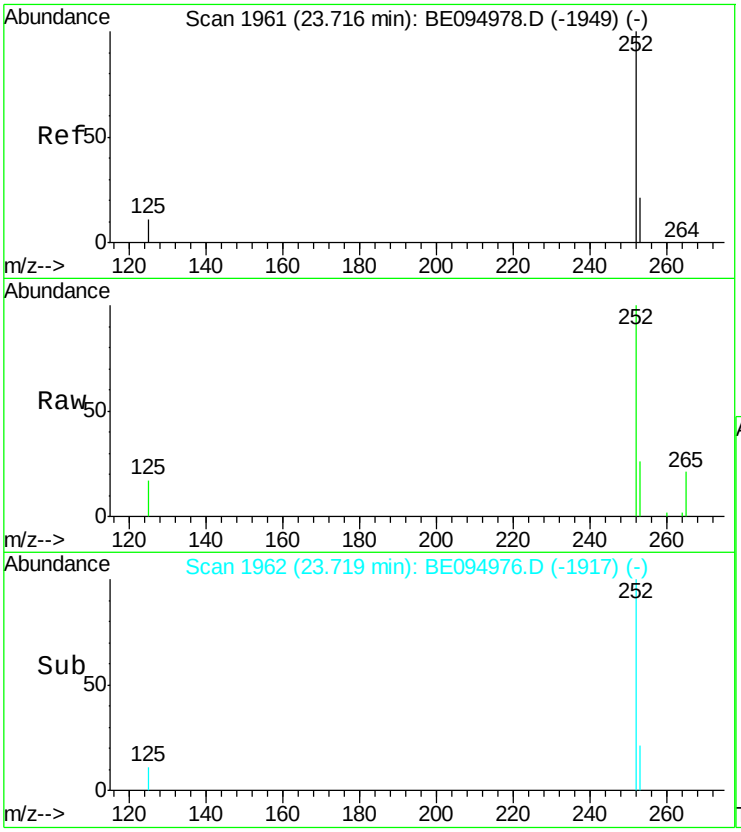


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.55 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:264 Resp: 15956

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	30.3	22.8	34.2



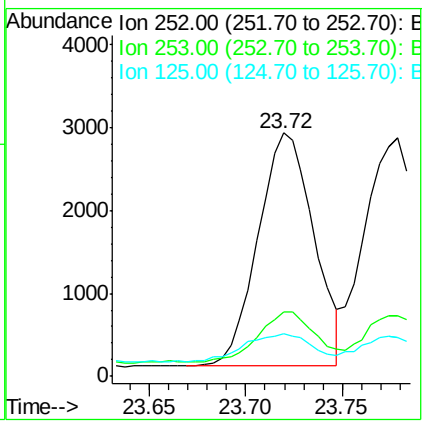


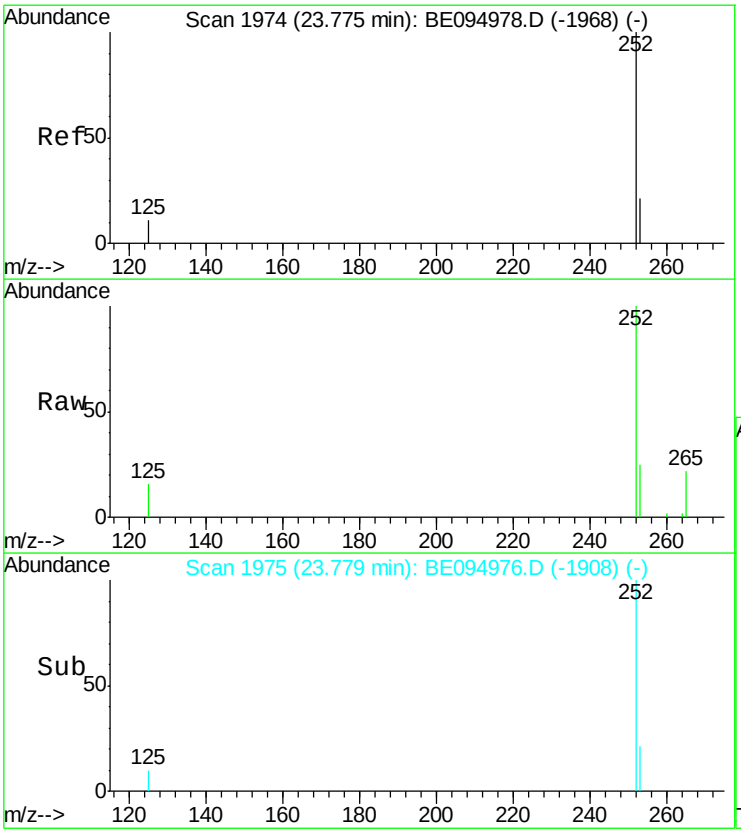
#35
Benzo(b)fluoranthene
Concen: 0.097 ng
RT: 23.72 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 5666

Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.0	30.0
125	17.4	16.0	24.0

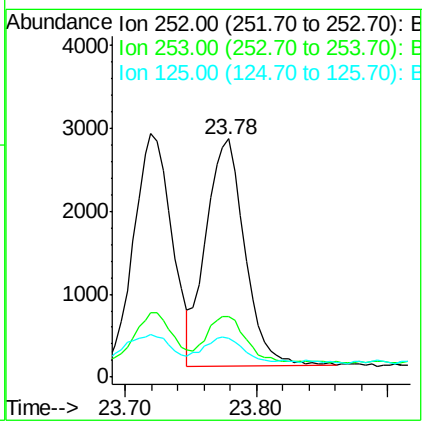


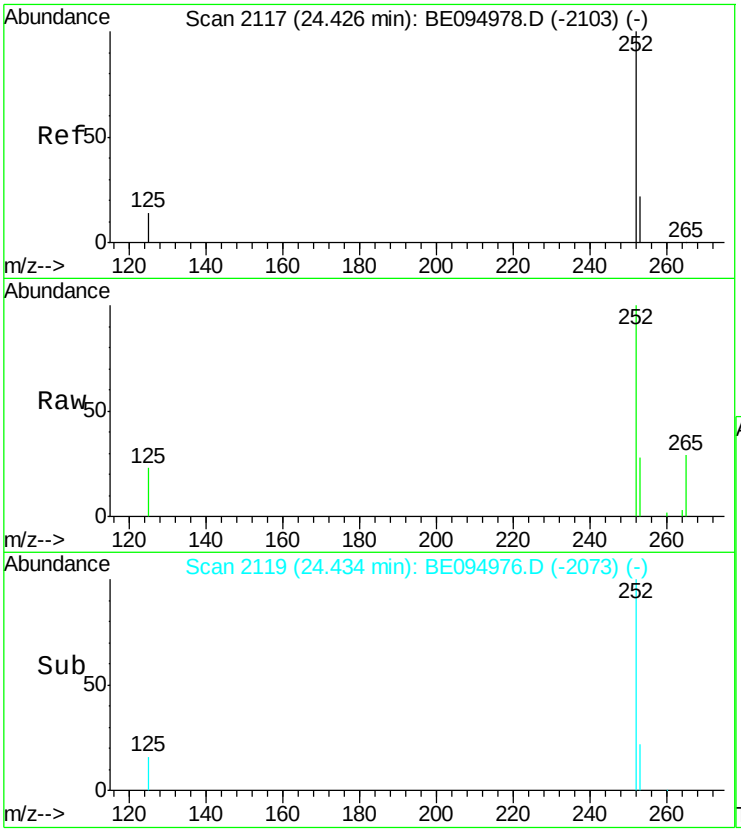


#36
Benzo(k)fluoranthene
Concen: 0.095 ng
RT: 23.78 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:252 Resp: 5629

Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.0	24.0#
125	16.4	8.0	12.0#



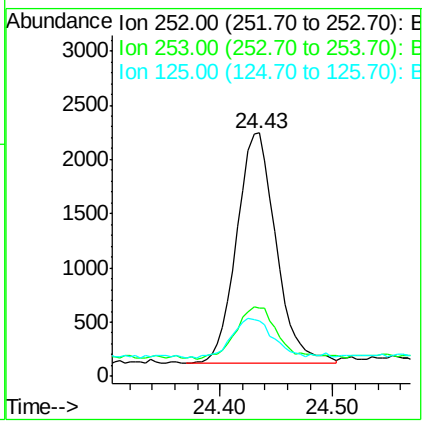


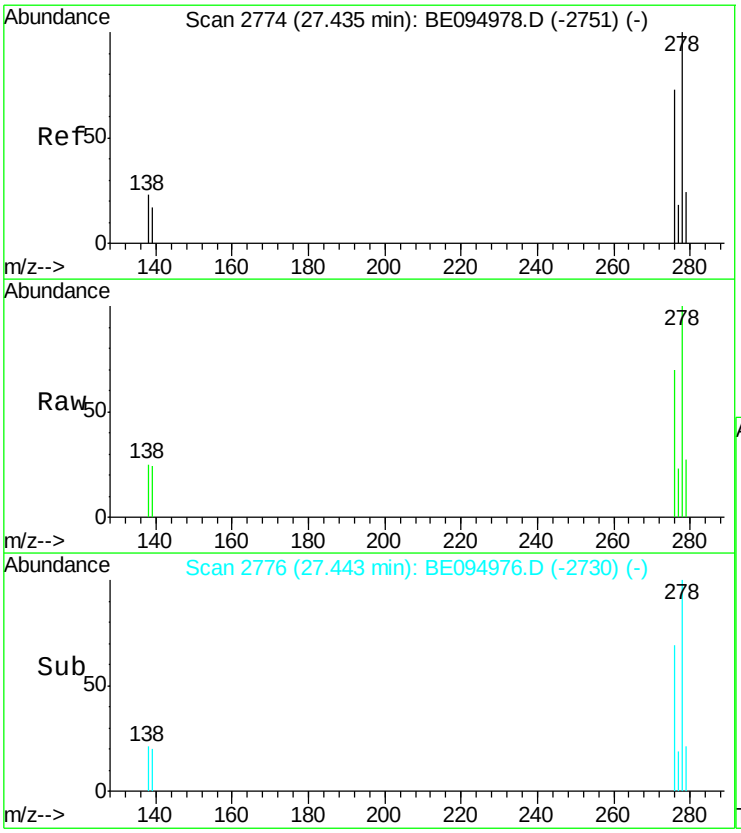
#37
Benzo(a)pyrene
Concen: 0.098 ng
RT: 24.43 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 5030

Ion	Ratio	Lower	Upper
252	100		
253	28.3	16.0	24.0#
125	22.9	12.0	18.0#

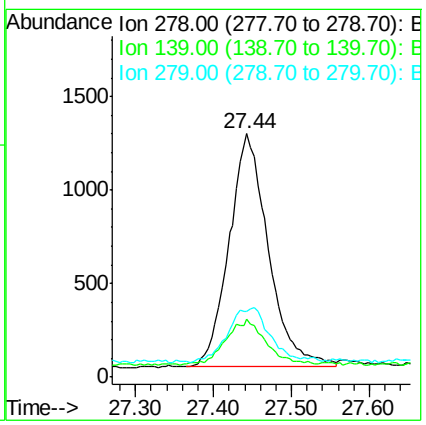


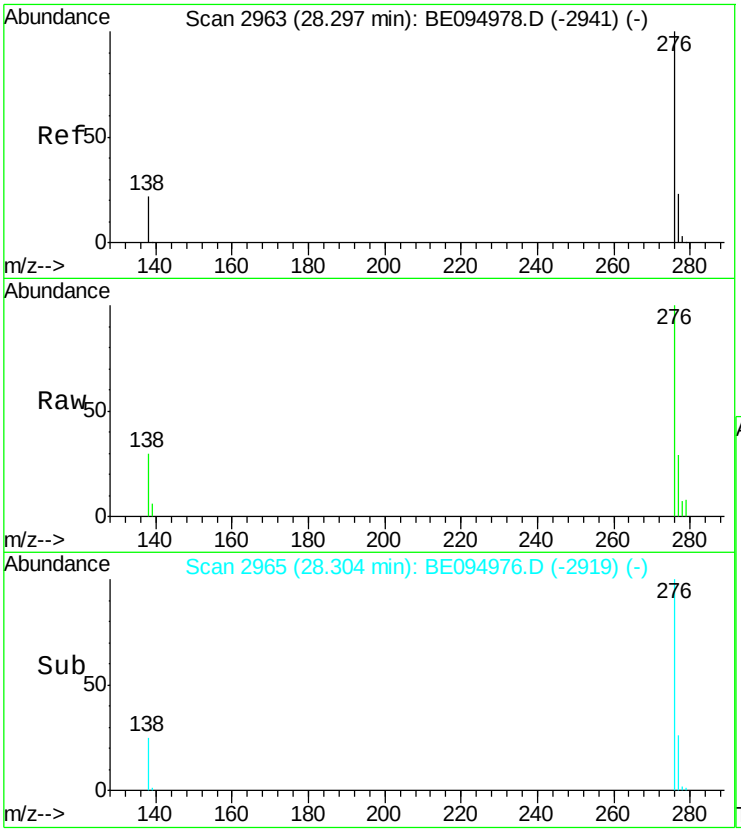


#38
Dibenzo(a,h)anthracene
Concen: 0.092 ng
RT: 27.44 min Scan# 2776
Delta R.T. 0.01 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Tgt Ion:278 Resp: 4357

Ion	Ratio	Lower	Upper
278	100		
139	23.7	16.0	24.0
279	27.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.095 ng
RT: 28.30 min Scan# 2965
Delta R.T. 0.01 min
Lab File: BE094976.D
Acq: 14 Dec 2017 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 4484

Ion	Ratio	Lower	Upper
276	100		
277	29.1	16.0	24.0#
138	30.0	20.0	30.0#