Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094977.D
Acq On : 14 Dec 2017 15:29
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Dec 14 17:26:06 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	6051	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	13631	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	7878	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	18854	0.40	ng		0.00
27) Chrysene-d12	21.87	240	19759	0.40	ng		0.00
34) Perylene-d12	24.55	264	15194	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	1927	0.20	ng		0.00
5) Phenol-d6	7.59	99	2812	0.20	ng		0.00
8) Nitrobenzene-d5	9.66	82	2186	0.27	ng		0.02
11) 2-Methylnaphthalene-d10	12.86	152	4384	0.20	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	324	0.19	ng		0.00
15) 2-Fluorobiphenyl	13.70	172	6697	0.20	ng		0.00
25) Fluoranthene-d10	19.75	212	45853	0.18	ng		0.00
29) Terphenyl-d14	20.31	244	7407	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	1293	0.204	ng	#	91
3) n-Nitrosodimethylamine	4.03	42	1230	0.152	ng		99
6) bis(2-Chloroethyl)ether	7.87	93	2728	0.194	ng		96
9) Naphthalene	11.38	128	32350	0.202	ng		100
10) Hexachlorobutadiene	11.64	225	1455	0.216	ng		97
12) 2-Methylnaphthalene	12.93	142	8157	0.205	ng		97
16) Acenaphthylene	14.79	152	7892	0.177	ng		100
17) Acenaphthene	15.12	154	5545	0.193	ng		93
18) Fluorene	16.10	166	6808	0.186	ng	#	78
20) 4-Bromophenyl-phenylether	16.97	248	2127	0.202	ng	#	85
21) Hexachlorobenzene	17.09	284	2221	0.216	ng	#	82
22) Pentachlorophenol	17.41	266	374	0.148	ng	#	81
23) Phenanthrene	17.82	178	11462	0.191	ng		97
24) Anthracene	17.91	178	11637	0.183	ng	#	89
26) Fluoranthene	19.78	202	13275	0.172	ng		99
28) Pyrene	20.13	202	13629	0.200	ng		99
30) Benzo(a)anthracene	21.85	228	11072	0.183	ng	#	61
31) Chrysene	21.92	228	13563	0.203	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.74	149	13360	0.133	ng		100
33) Indeno(1,2,3-cd)pyrene	27.41	276	10601	0.193	ng		98
35) Benzo(b)fluoranthene	23.72	252	10887	0.196	ng	#	94
36) Benzo(k)fluoranthene	23.77	252	10742	0.190	ng	#	91
37) Benzo(a)pyrene	24.43	252	9636	0.198	ng	#	89
38) Dibenzo(a,h)anthracene	27.44	278	8802	0.196	ng		98
39) Benzo(g,h,i)perylene	28.30	276	8856	0.197	ng	#	95

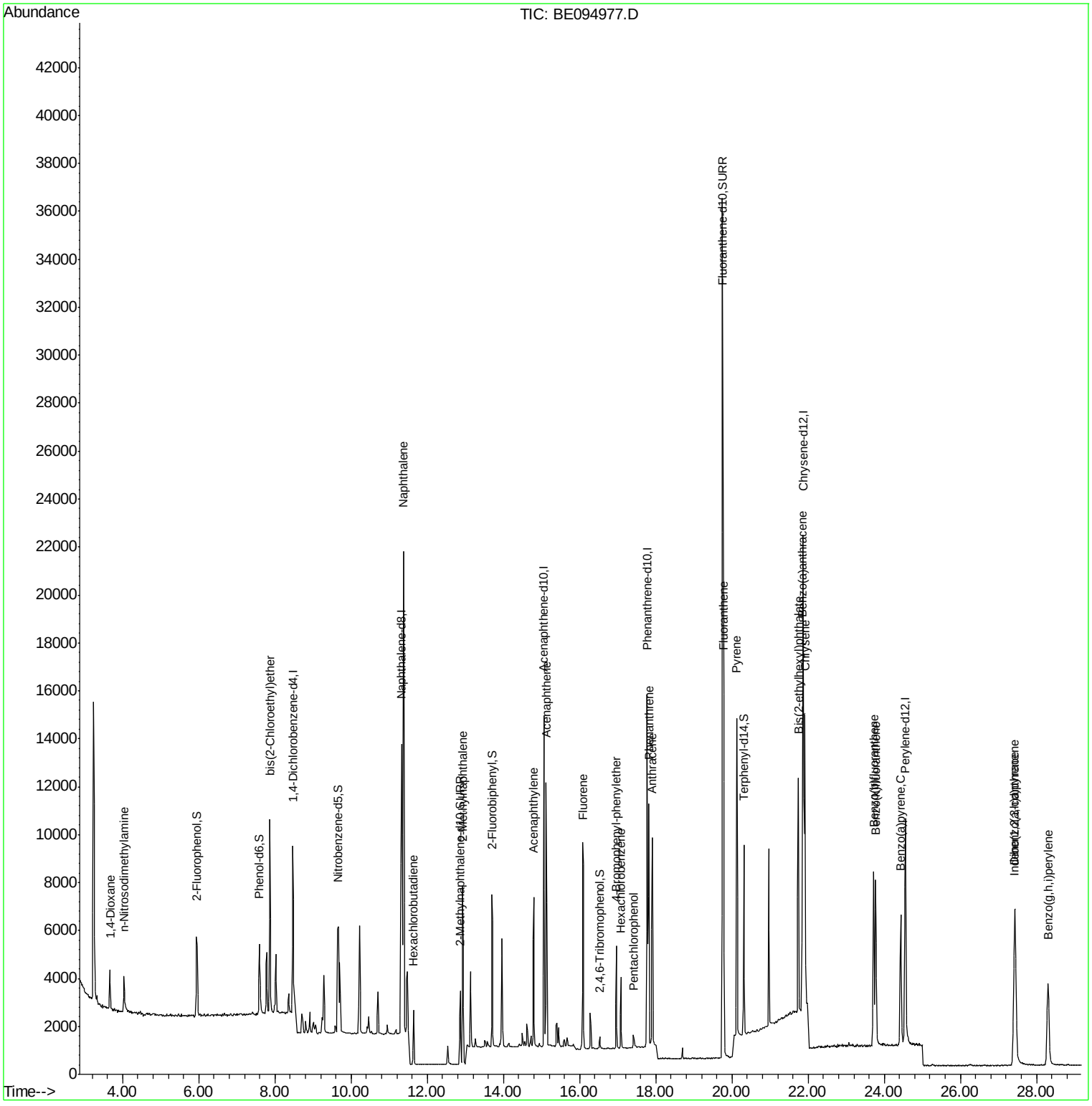
(#) = qualifier out of range (m) = manual integration (+) = signals summed

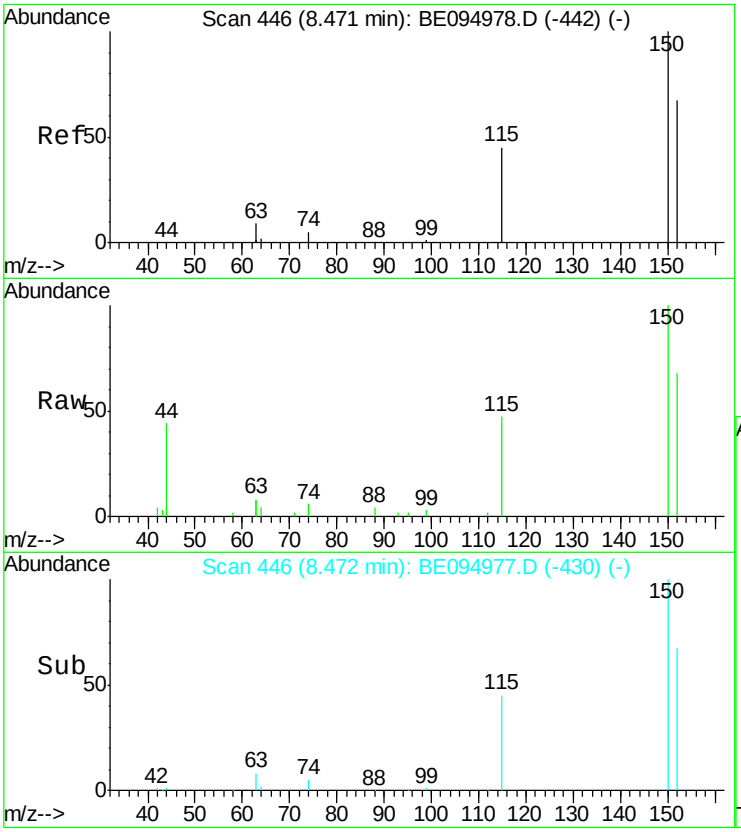
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094977.D
Acq On : 14 Dec 2017 15:29
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Dec 14 17:26:06 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



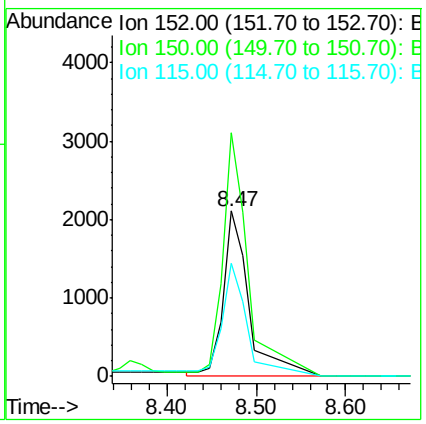


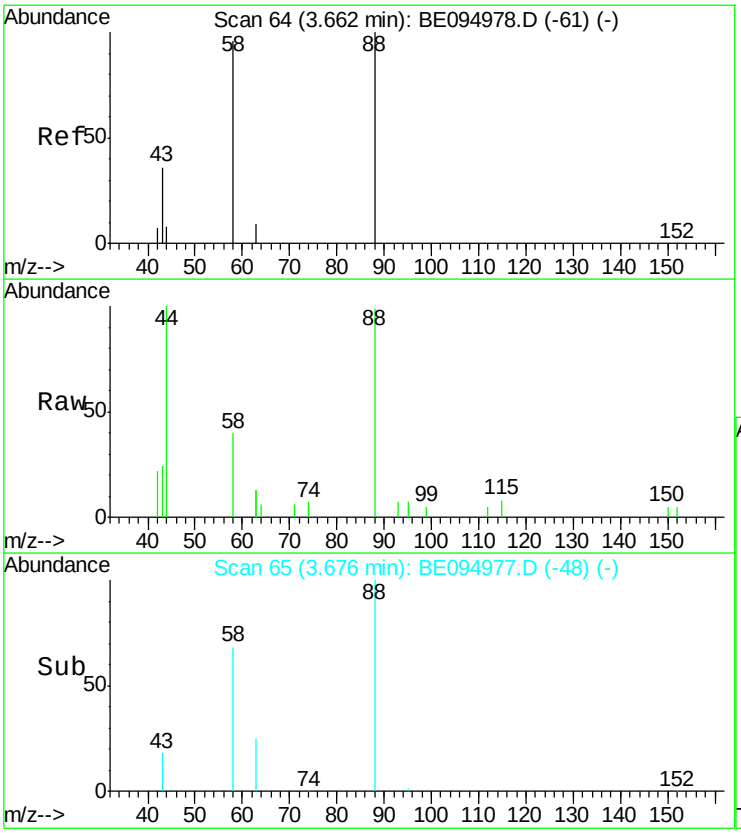
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 6051

Ion	Ratio	Lower	Upper
152	100		
150	147.6	117.2	175.8
115	68.9	57.0	85.6

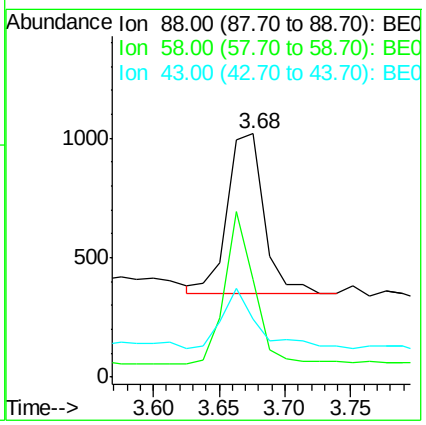


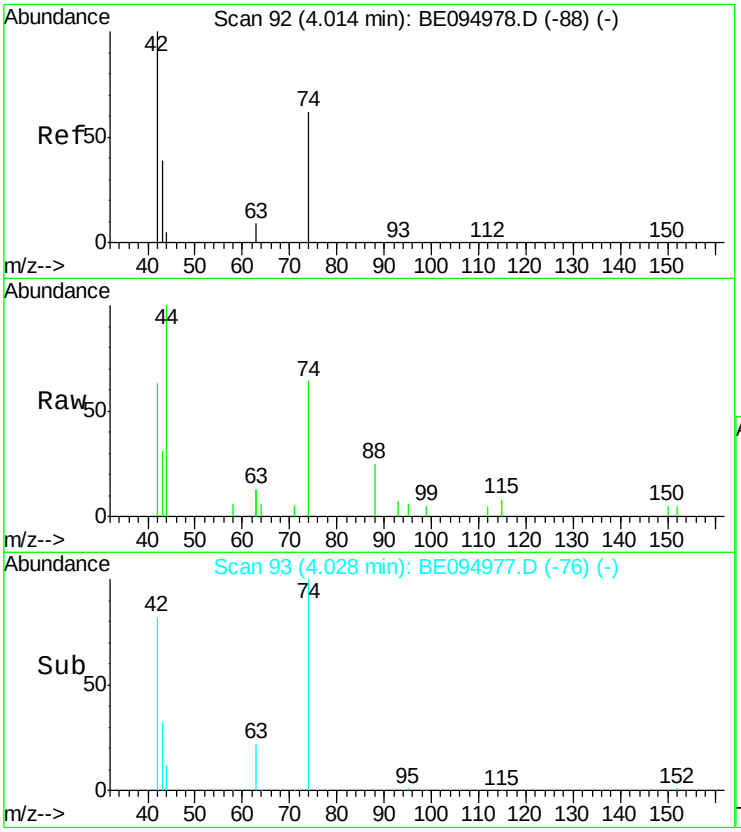


#2
1,4-Dioxane
Concen: 0.204 ng
RT: 3.68 min Scan# 65
Delta R.T. 0.01 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion: 88 Resp: 1293

Ion	Ratio	Lower	Upper
88	100		
58	77.3	63.2	94.8
43	37.1	41.2	61.8#



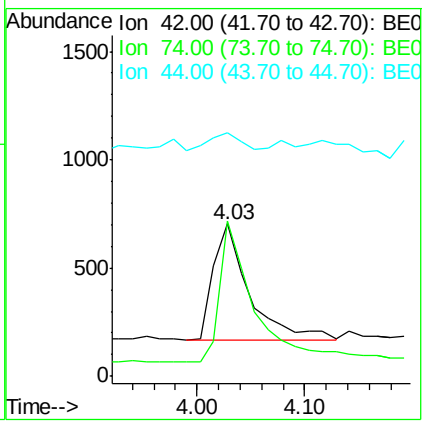


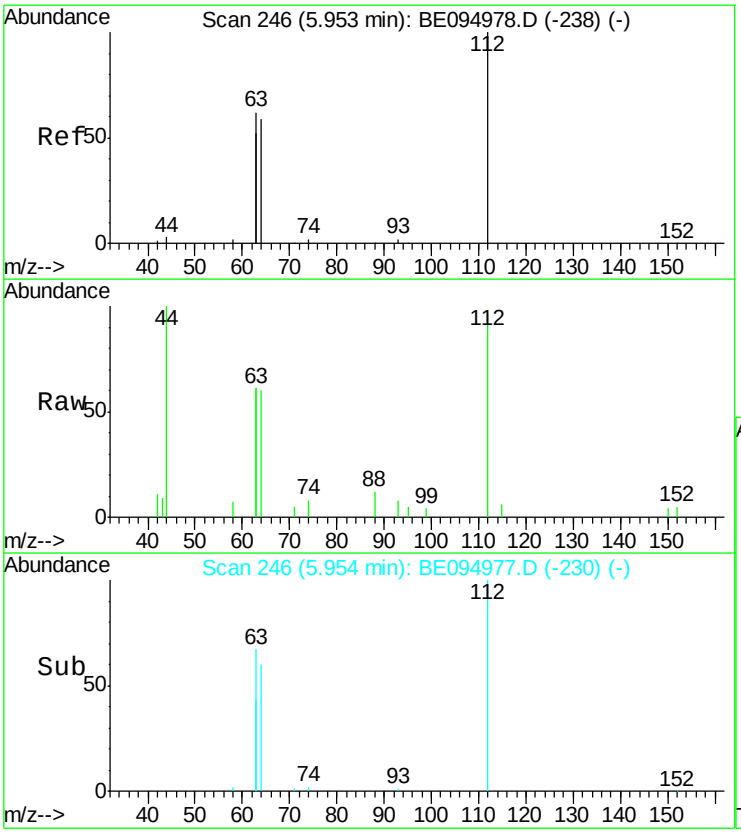
#3
n-Nitrosodimethylamine
Concen: 0.152 ng
RT: 4.03 min Scan# 93
Delta R.T. 0.01 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1230

Ion	Ratio	Lower	Upper
42	100		
74	120.9	96.0	144.0
44	14.6	12.0	18.0

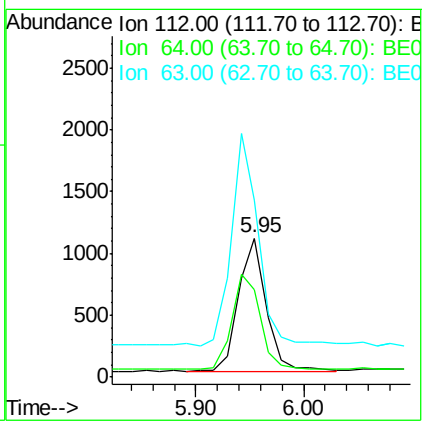


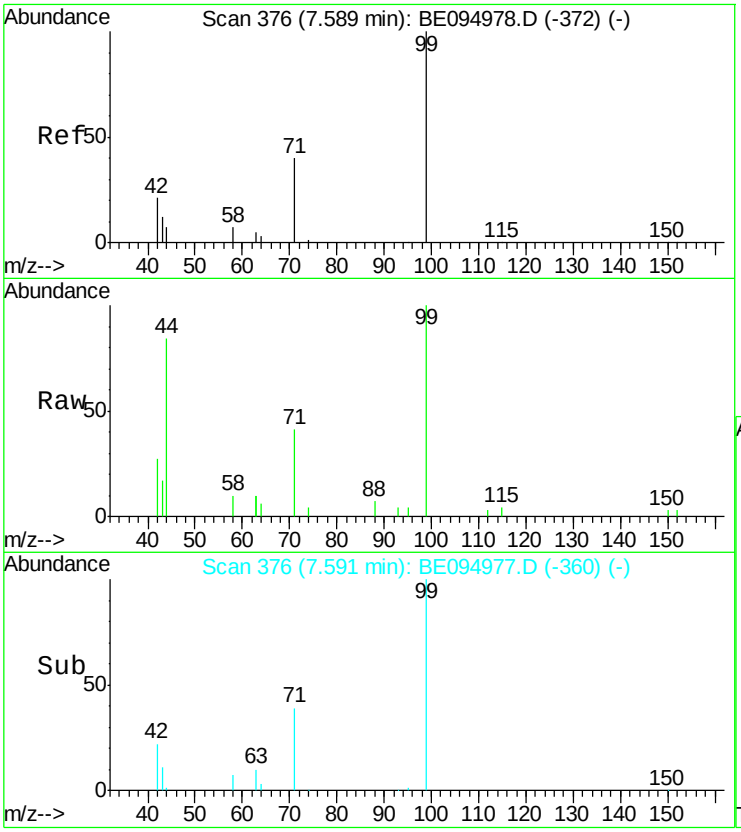


#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.95 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:112 Resp: 1927

Ion	Ratio	Lower	Upper
112	100		
64	73.3	60.1	90.1
63	155.7	116.8	175.2



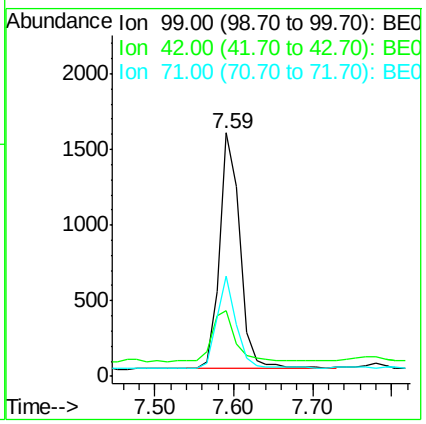


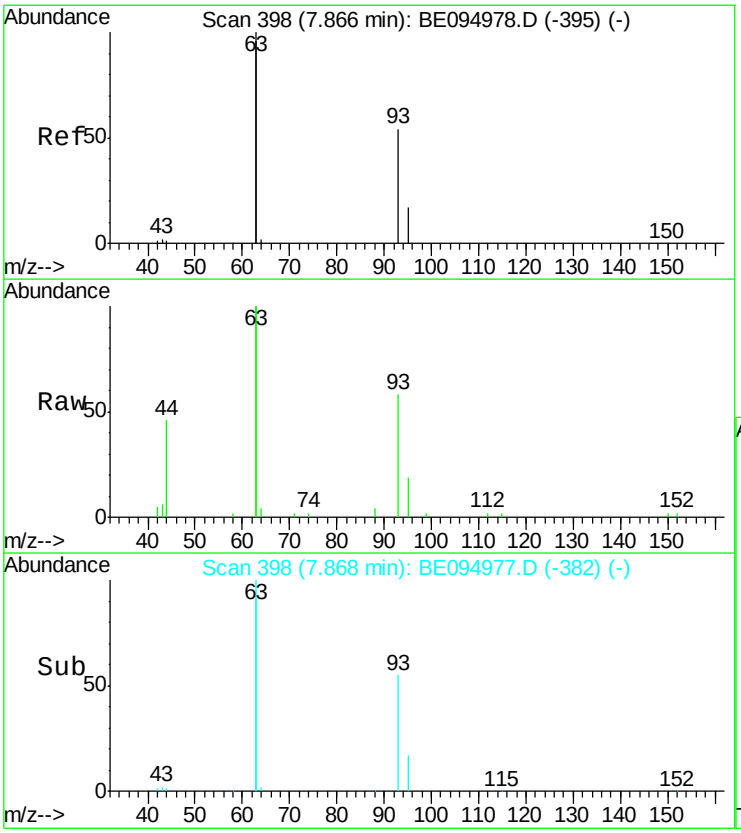
#5
Phenol-d6
Concen: 0.198 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2812

Ion	Ratio	Lower	Upper
99	100		
42	25.2	20.2	30.2
71	37.9	28.4	42.6

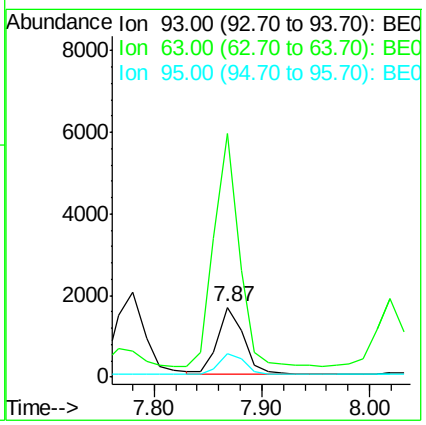


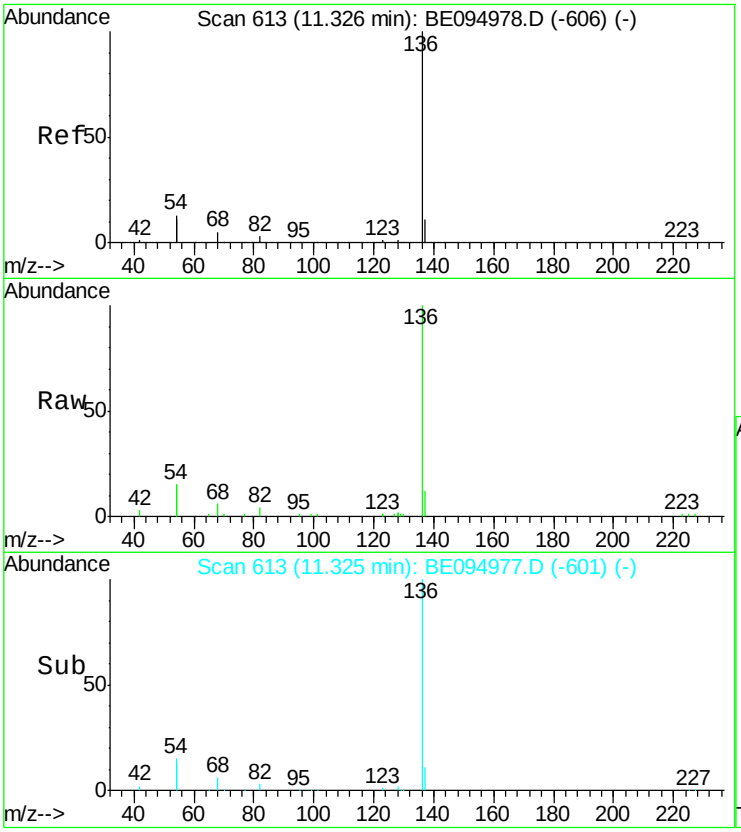


#6
bis(2-Chloroethyl)ether
Concen: 0.194 ng
RT: 7.87 min Scan# 398
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion: 93 Resp: 2728

Ion	Ratio	Lower	Upper
93	100		
63	335.8	275.3	412.9
95	31.6	25.2	37.8



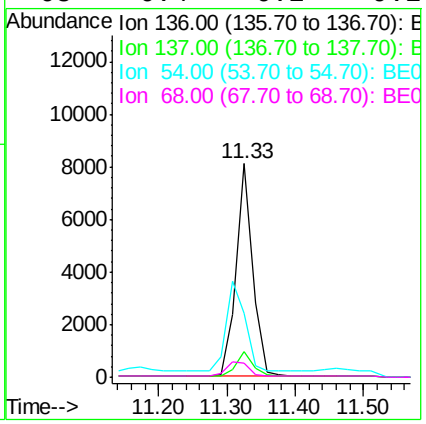


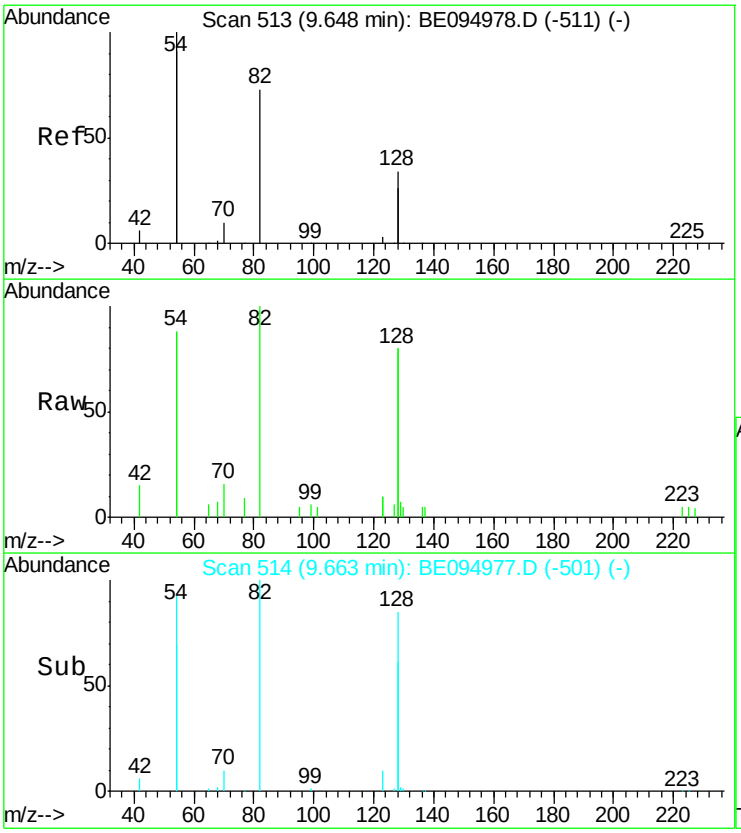
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 13631

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	29.8	29.1	43.7
68	6.4	6.2	9.2

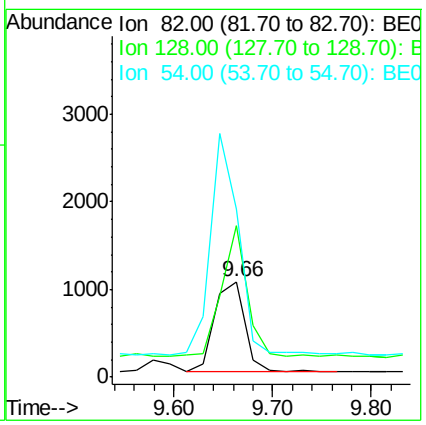


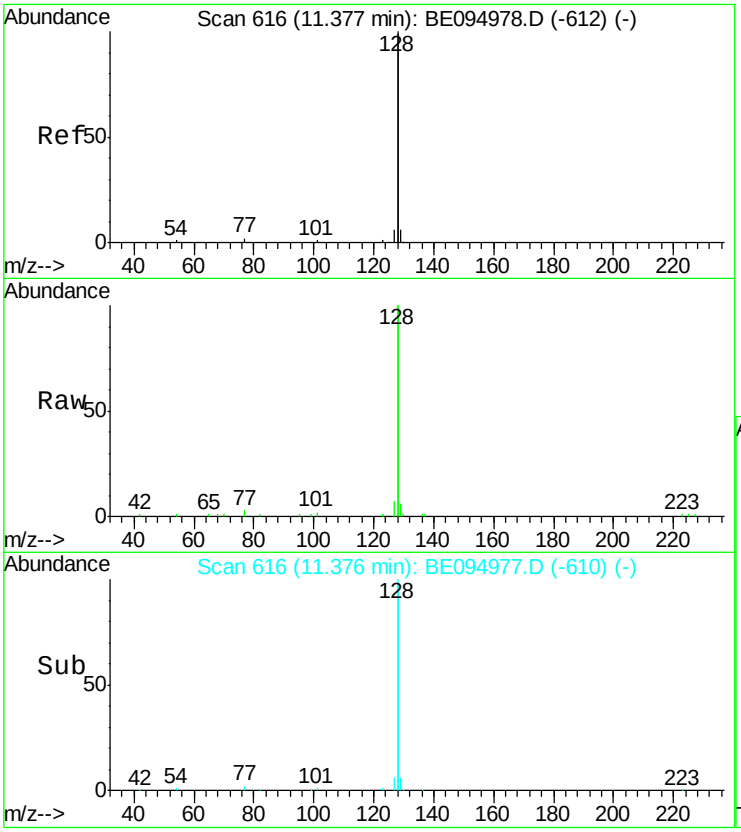


#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.02 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion: 82 Resp: 2186

Ion	Ratio	Lower	Upper
82	100		
128	159.3	150.0	225.0
54	175.6	154.2	231.4



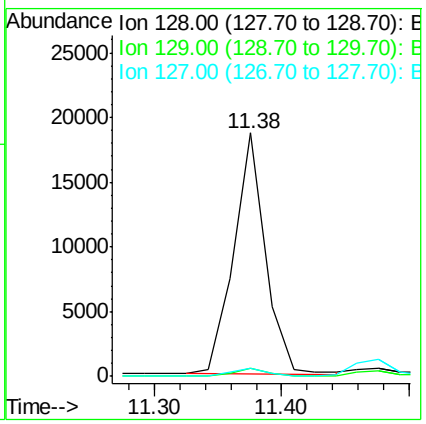


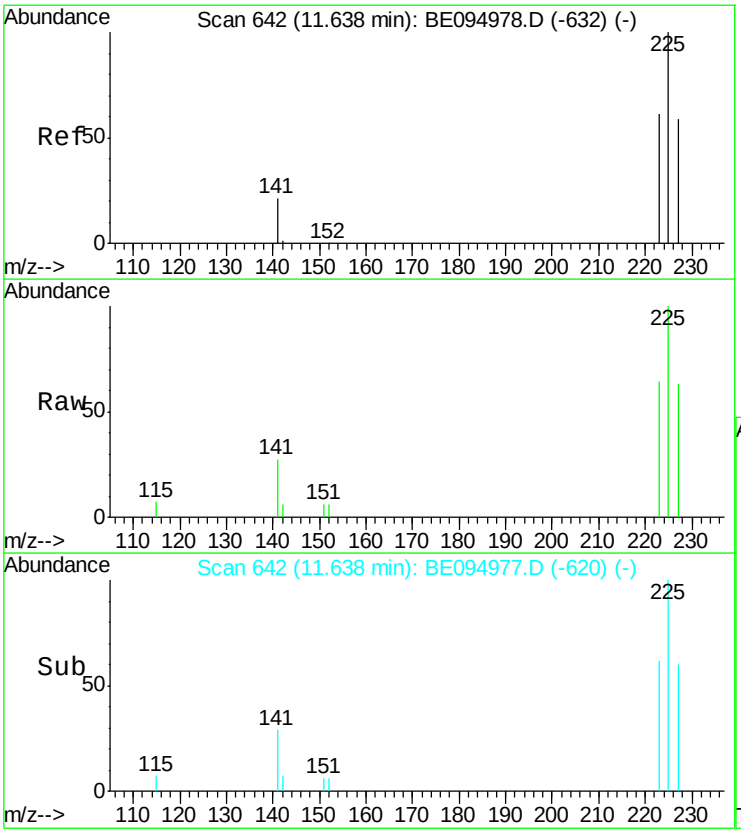
#9
Naphthalene
Concen: 0.202 ng
RT: 11.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 32350

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.4	2.8	4.2

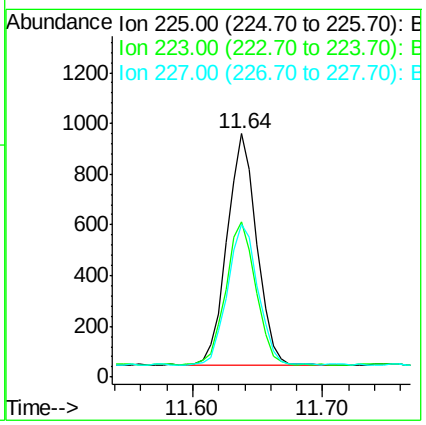


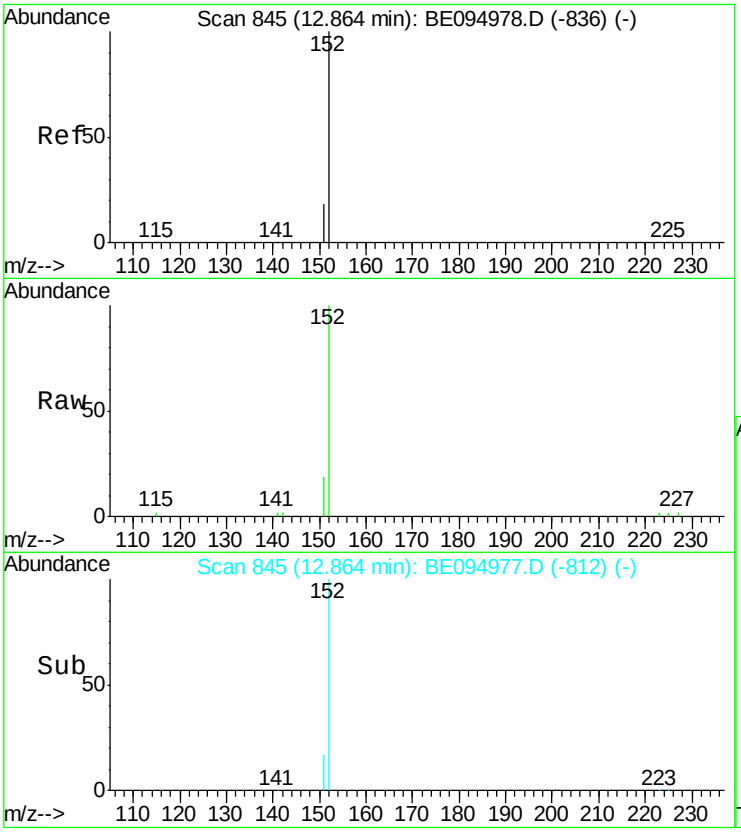


#10
Hexachlorobutadiene
Concen: 0.216 ng
RT: 11.64 min Scan# 642
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:225 Resp: 1455

Ion	Ratio	Lower	Upper
225	100		
223	62.9	53.0	79.6
227	62.5	51.4	77.2



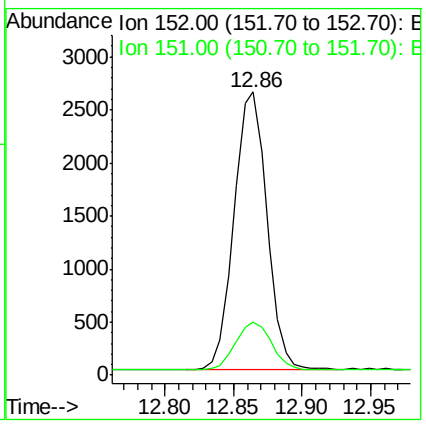


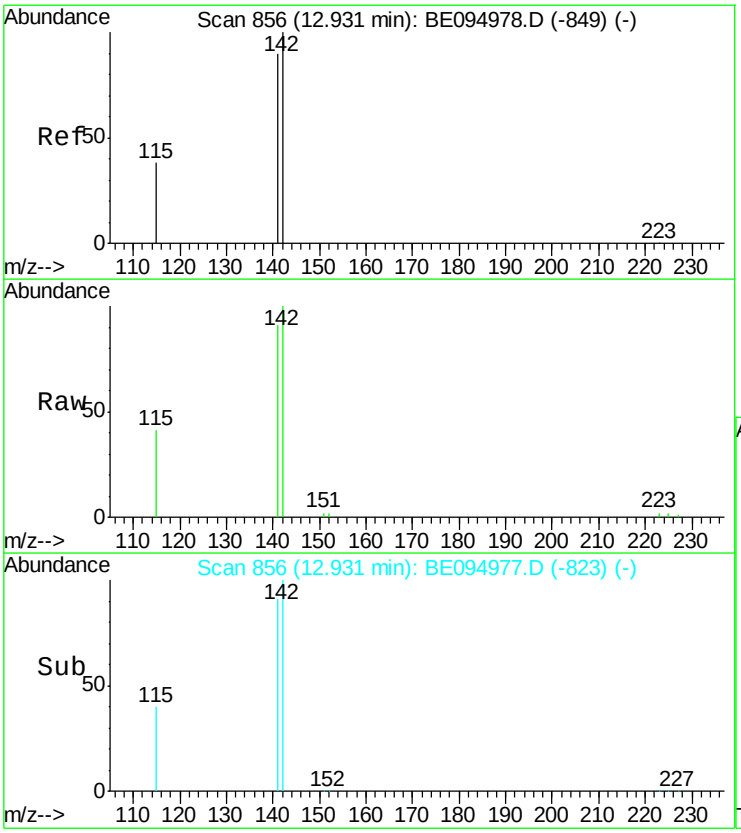
#11
2-Methylnaphthalene-d10
Concen: 0.202 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4384

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

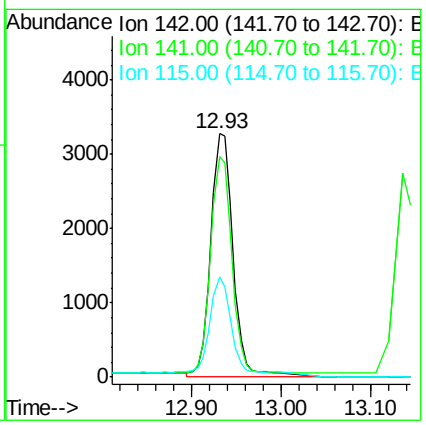


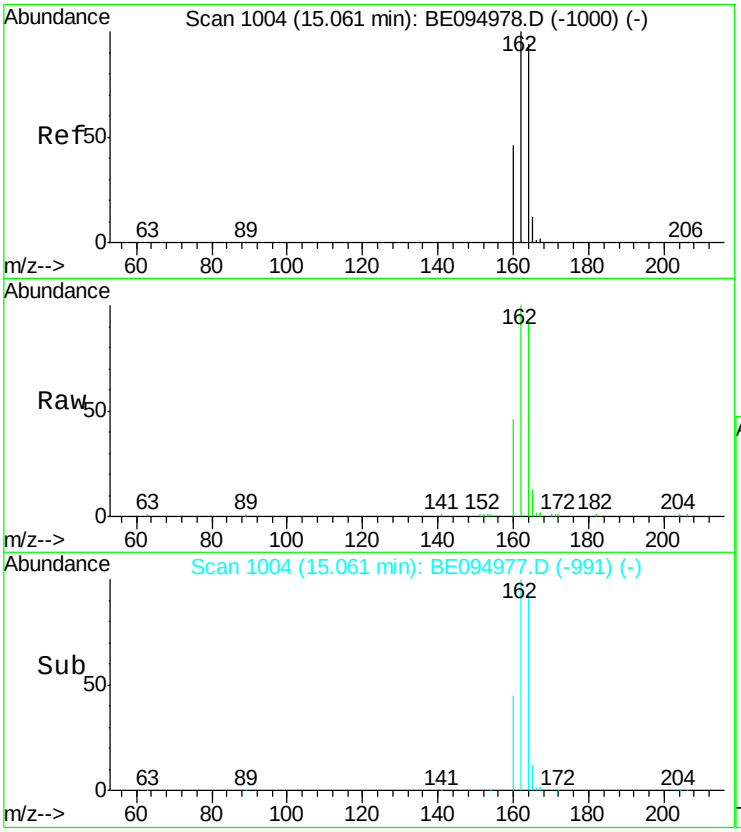


#12
2-Methylnaphthalene
Concen: 0.205 ng
RT: 12.93 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:142 Resp: 8157

Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.4	105.6
115	41.3	31.7	47.5



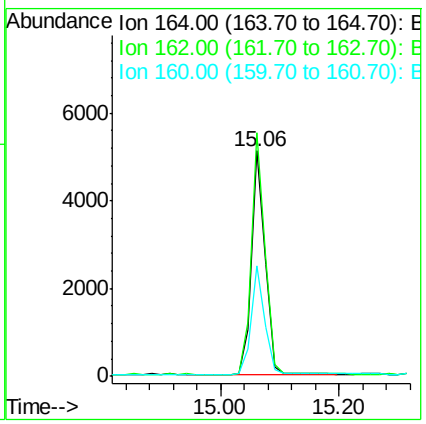


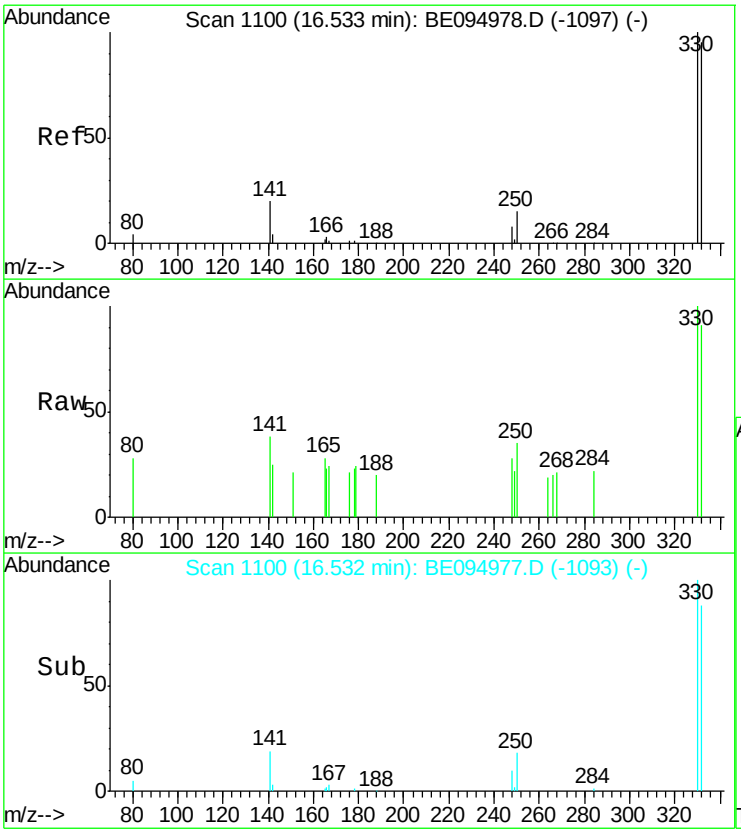
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 7878

Ion	Ratio	Lower	Upper
164	100		
162	108.0	83.1	124.7
160	49.2	37.1	55.7

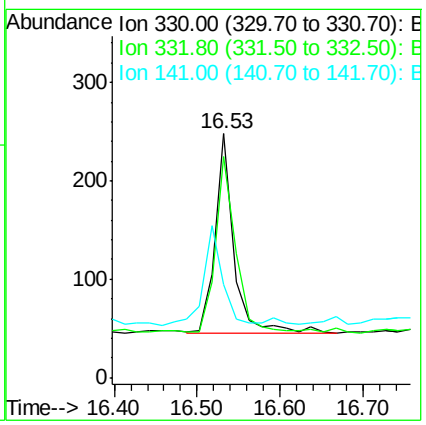


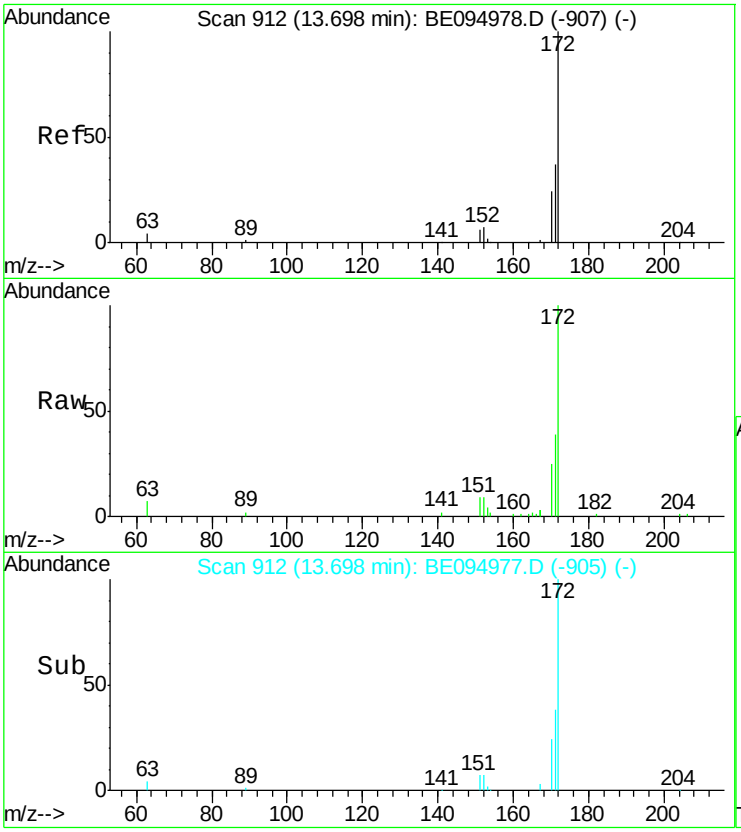


#14
2,4,6-Tribromophenol
Concen: 0.190 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:330 Resp: 324

Ion	Ratio	Lower	Upper
330	100		
332	90.7	152.7	229.1#
141	51.9	33.7	50.5#



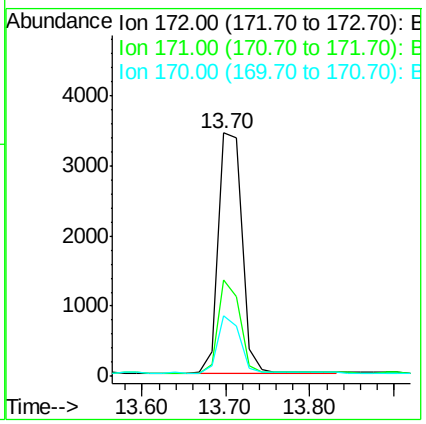


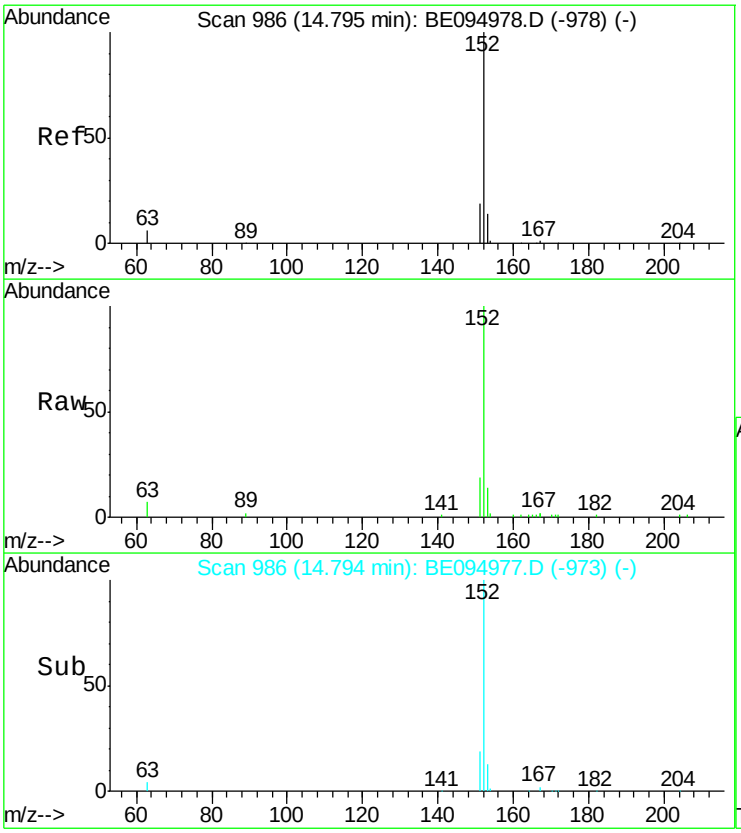
#15
2-Fluorobiphenyl
Concen: 0.199 ng
RT: 13.70 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 6697

Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.9	44.9
170	25.0	21.8	32.8

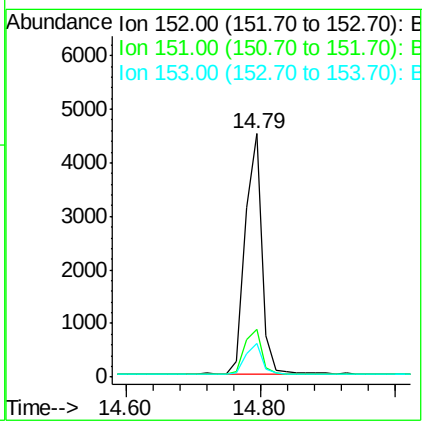


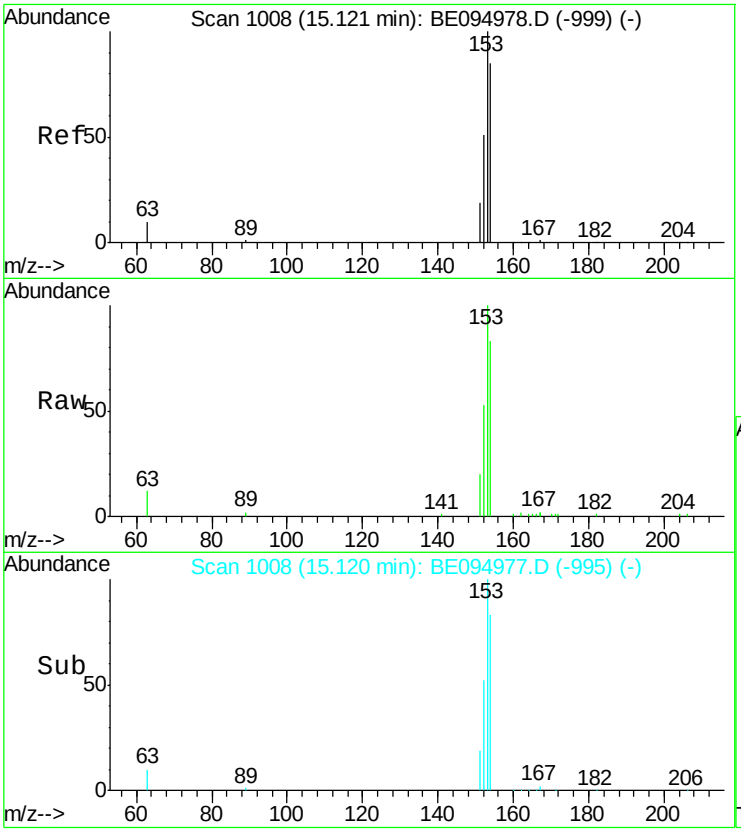


#16
Acenaphthylene
Concen: 0.177 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:152 Resp: 7892

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.9	10.5	15.7



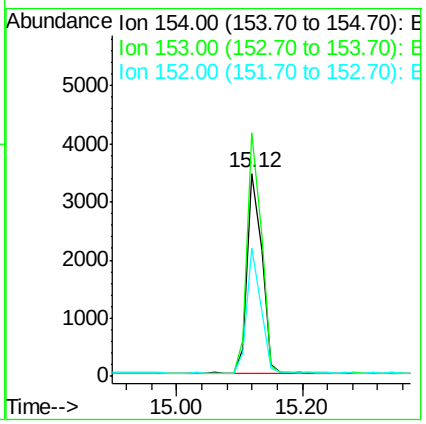


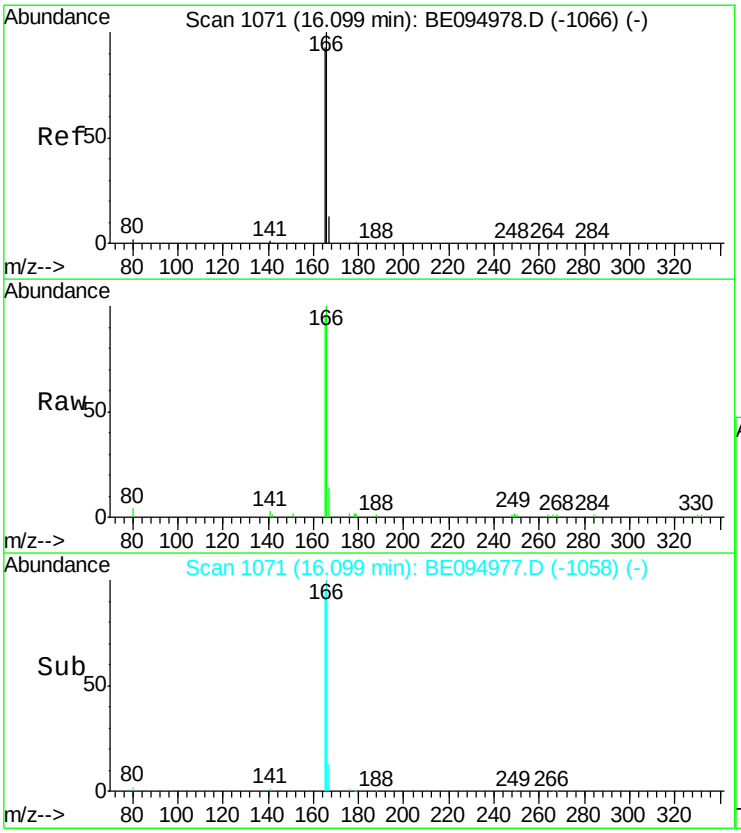
#17
Acenaphthene
Concen: 0.193 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5545

Ion	Ratio	Lower	Upper
154	100		
153	116.6	89.2	133.8
152	60.6	42.0	63.0

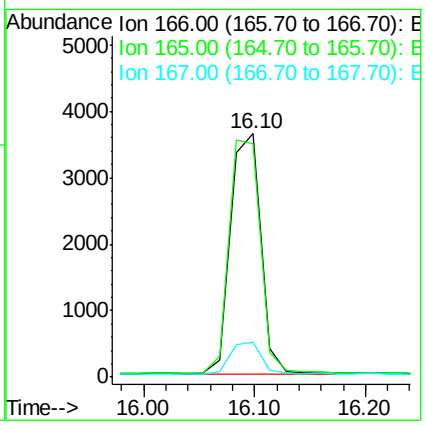


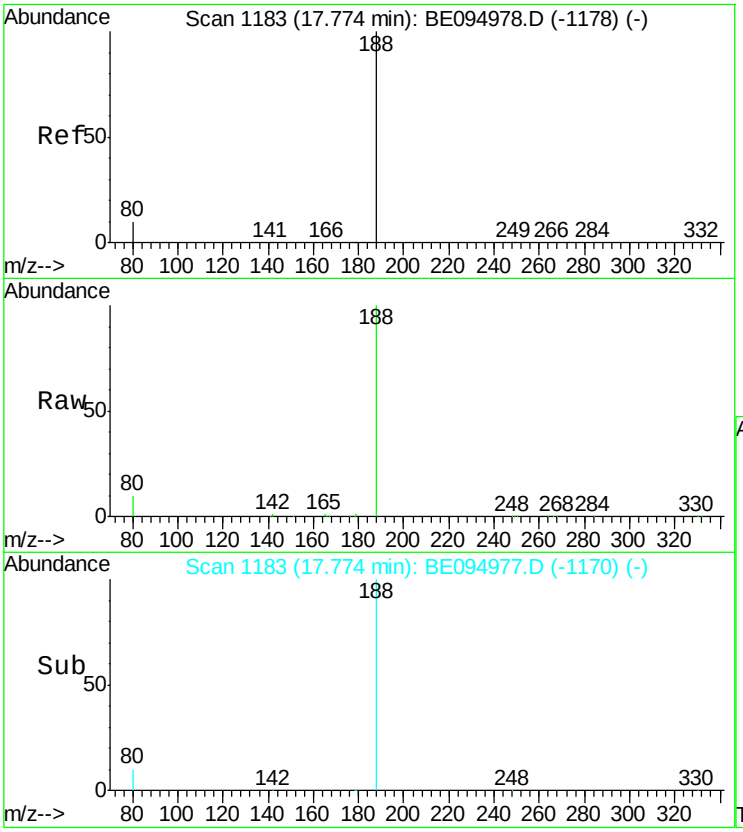


#18
Fluorene
Concen: 0.186 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:166 Resp: 6808

Ion	Ratio	Lower	Upper
166	100		
165	101.4	77.8	116.6
167	14.2	42.4	63.6#



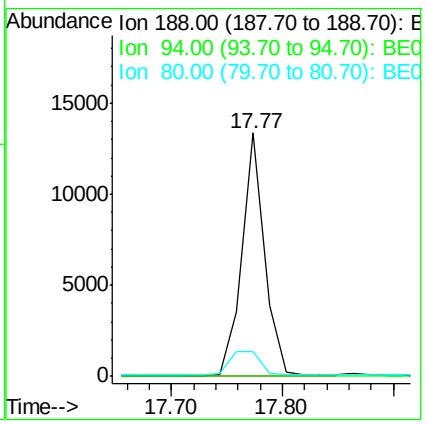


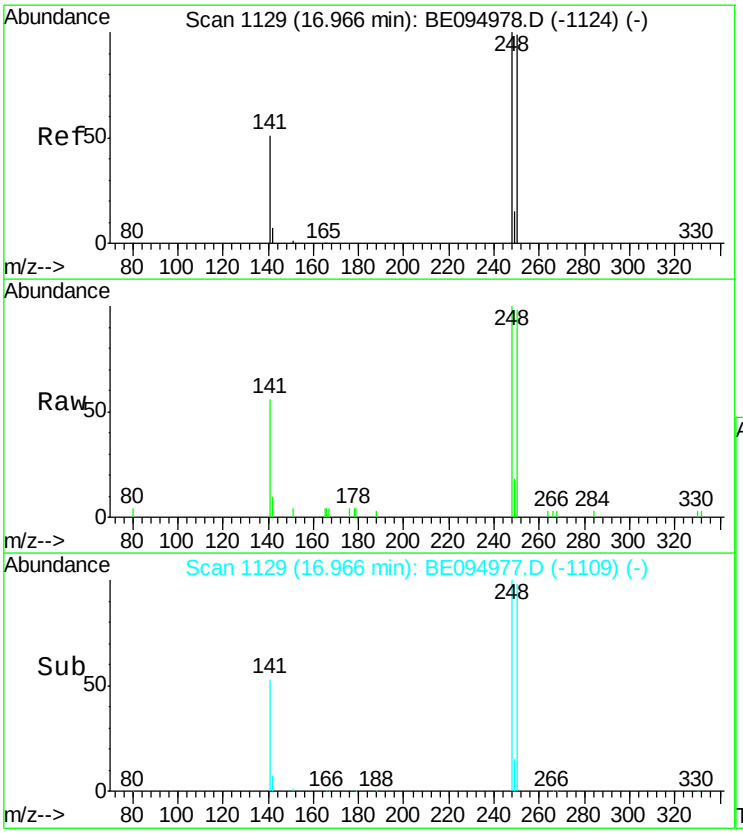
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 18854

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.4	3.6	5.4#

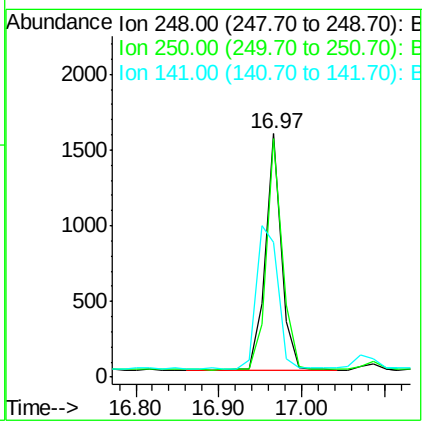


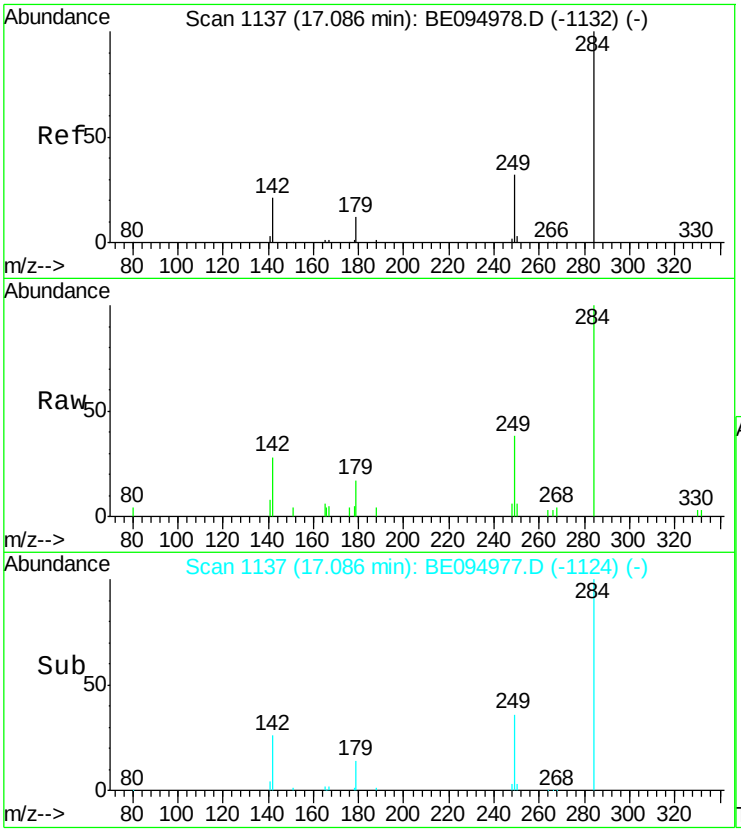


#20
4-Bromophenyl-phenylether
Concen: 0.202 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:248 Resp: 2127

Ion	Ratio	Lower	Upper
248	100		
250	98.0	62.7	94.1#
141	55.5	48.2	72.2



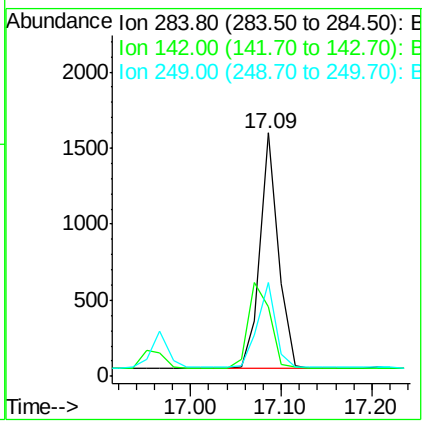


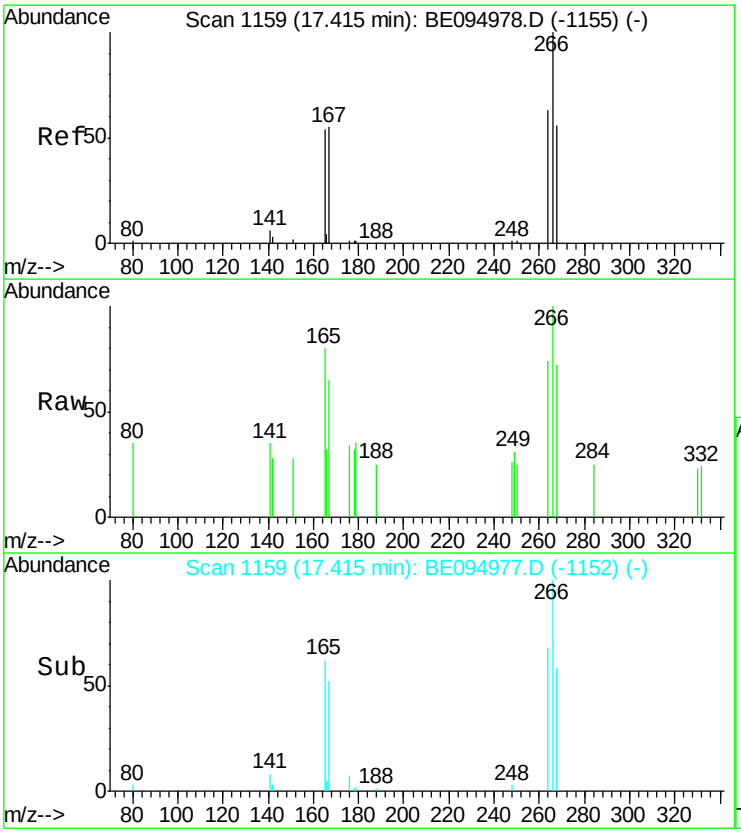
#21
Hexachlorobenzene
Concen: 0.216 ng
RT: 17.09 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2221

Ion	Ratio	Lower	Upper
284	100		
142	42.6	22.1	33.1#
249	36.1	34.8	52.2

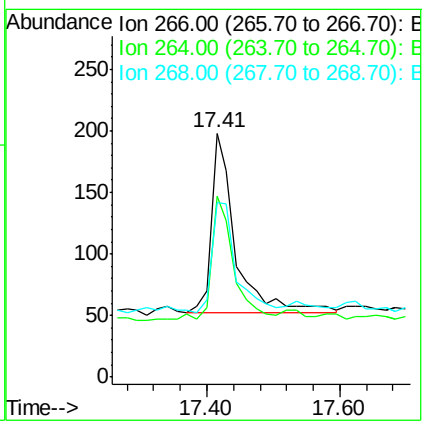


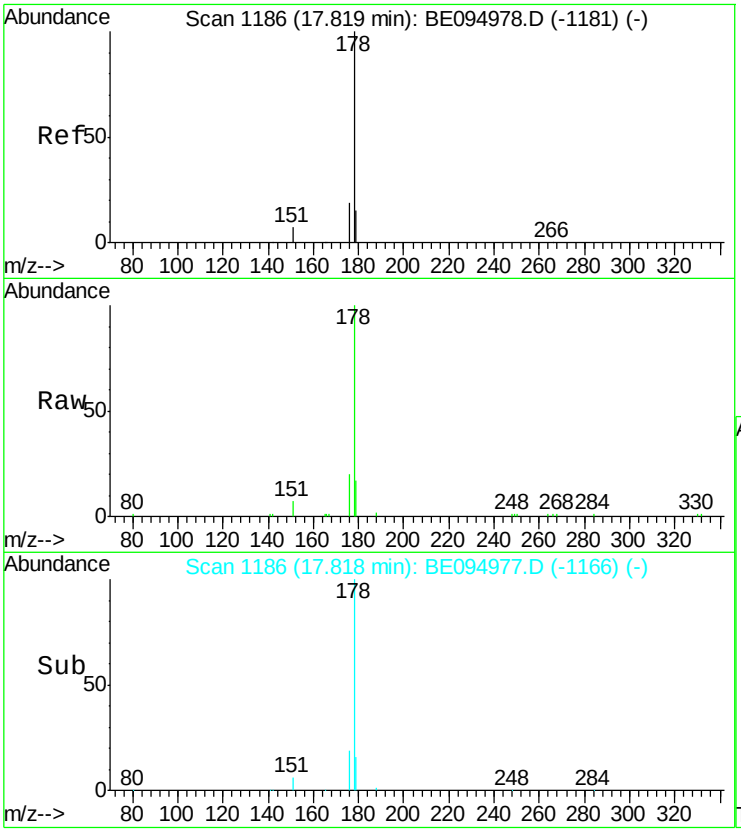


#22
Pentachlorophenol
Concen: 0.148 ng
RT: 17.41 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:266 Resp: 374

Ion	Ratio	Lower	Upper
266	100		
264	74.2	72.5	108.7
268	71.7	73.8	110.6#



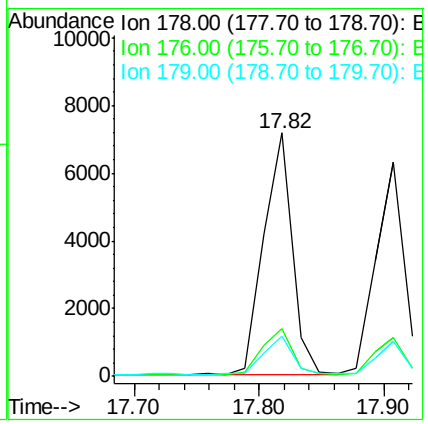


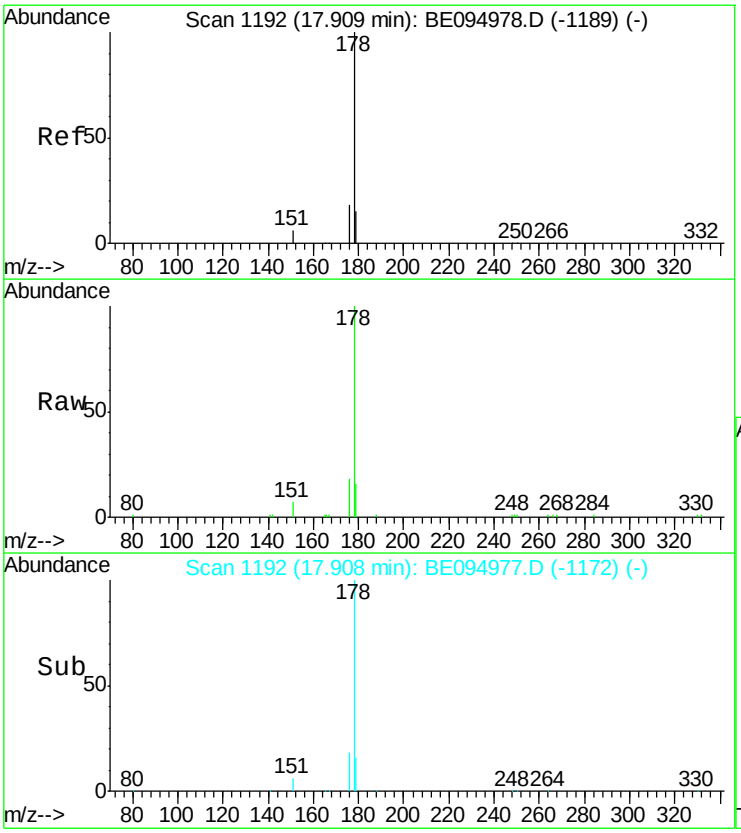
#23
Phenanthrene
Concen: 0.191 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 11462

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	16.0	11.8	17.6

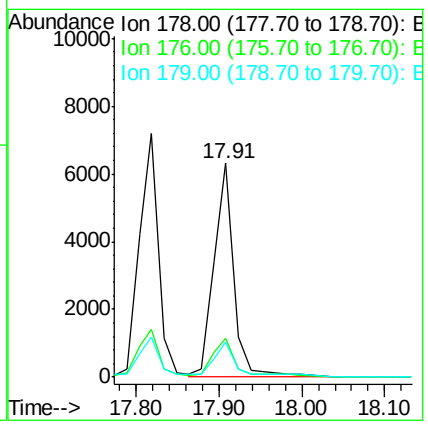


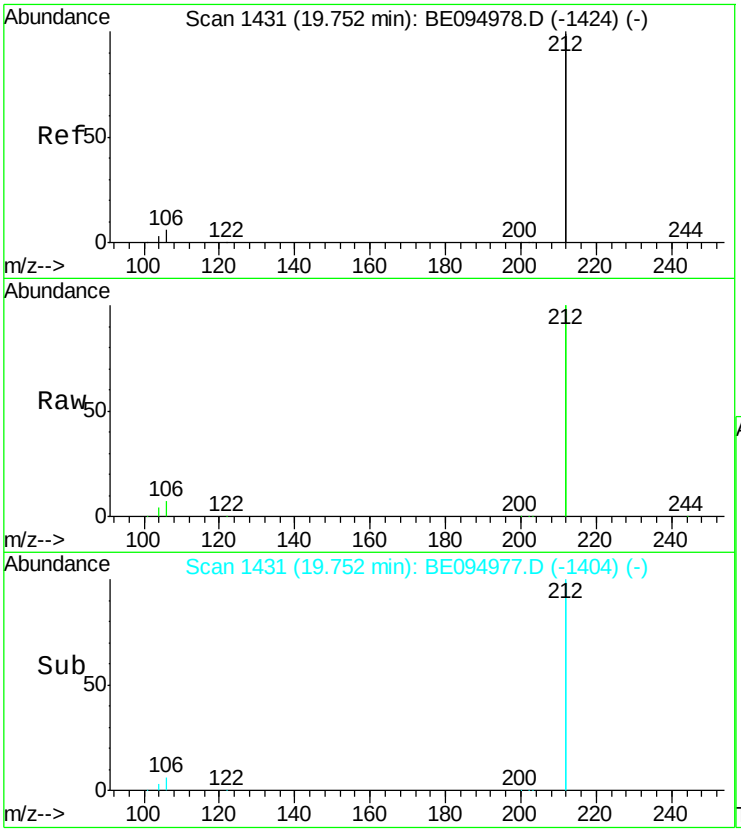


#24
Anthracene
Concen: 0.183 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:178 Resp: 11637

Ion	Ratio	Lower	Upper
178	100		
176	22.1	12.8	19.2#
179	19.8	13.0	19.6#



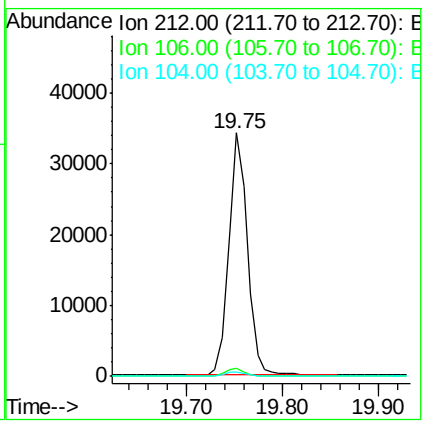


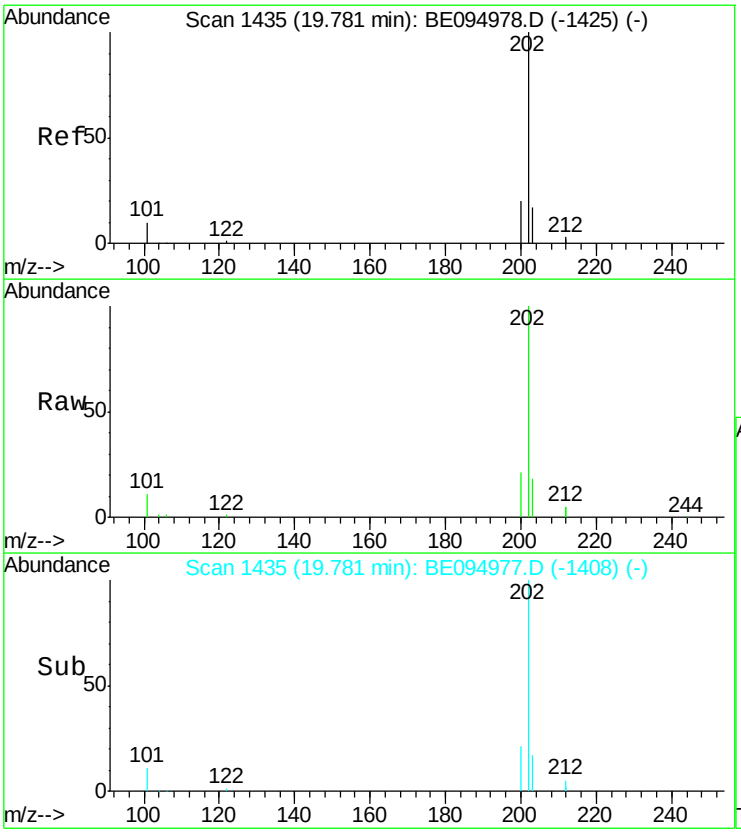
#25
Fluoranthene-d10
Concen: 0.178 ng
RT: 19.75 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 45853

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.8	1.6	2.4

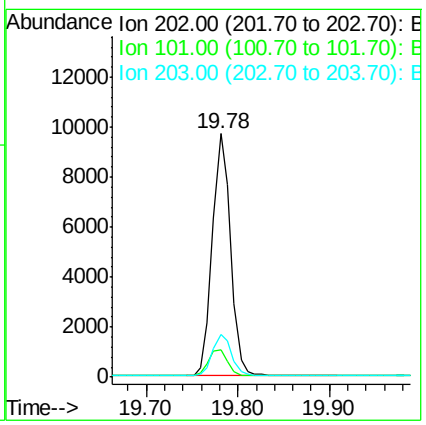


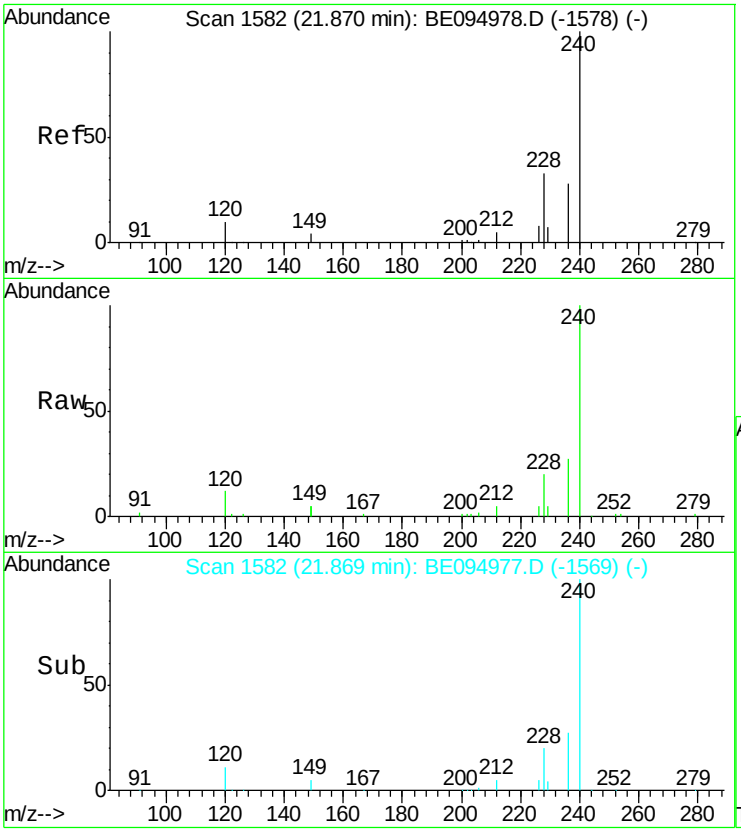


#26
Fluoranthene
Concen: 0.172 ng
RT: 19.78 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:202 Resp: 13275

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
203	17.7	13.7	20.5



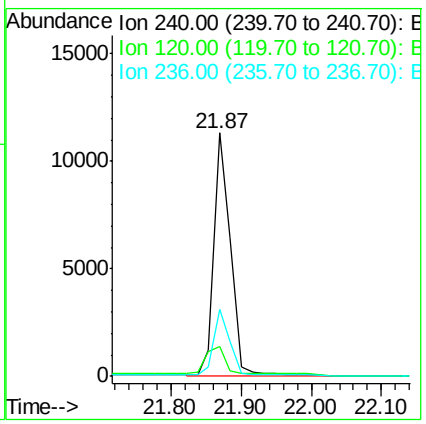


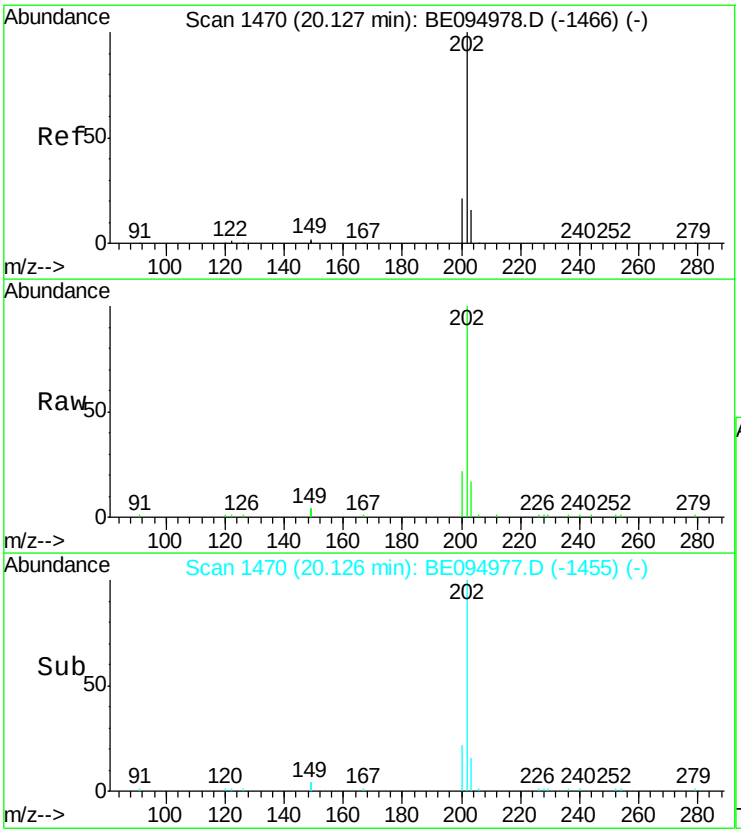
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 19759

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.5	8.3#
236	27.3	20.7	31.1

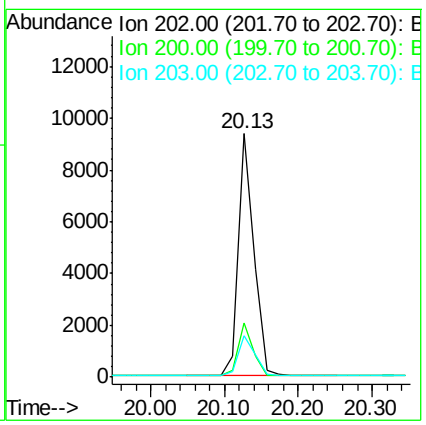


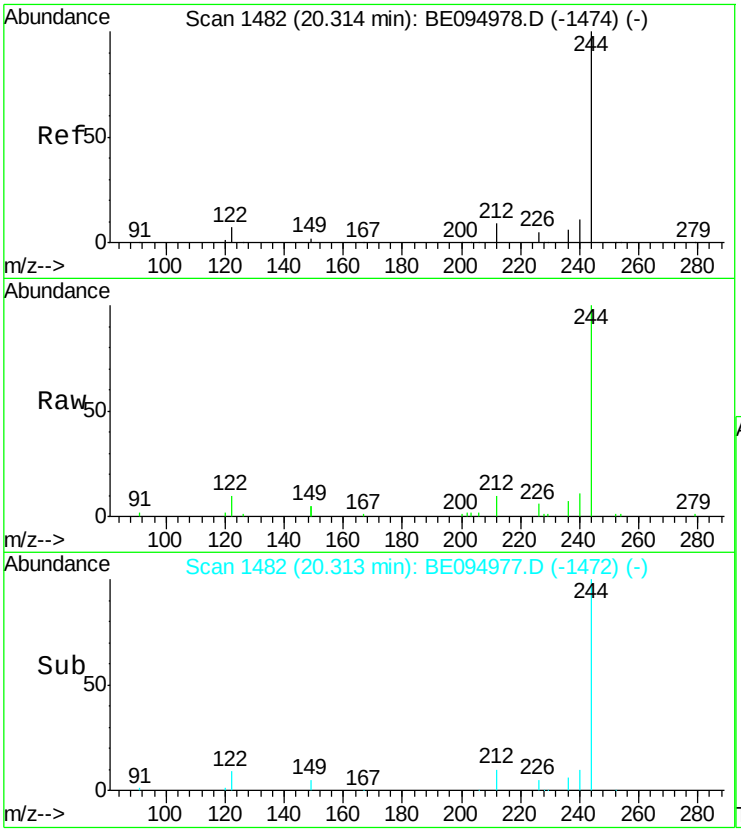


#28
Pyrene
Concen: 0.200 ng
RT: 20.13 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:202 Resp: 13629

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	18.0	13.8	20.8



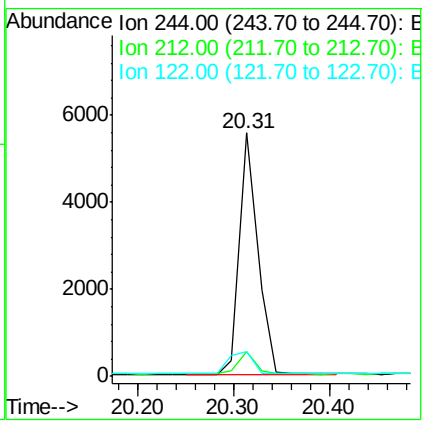


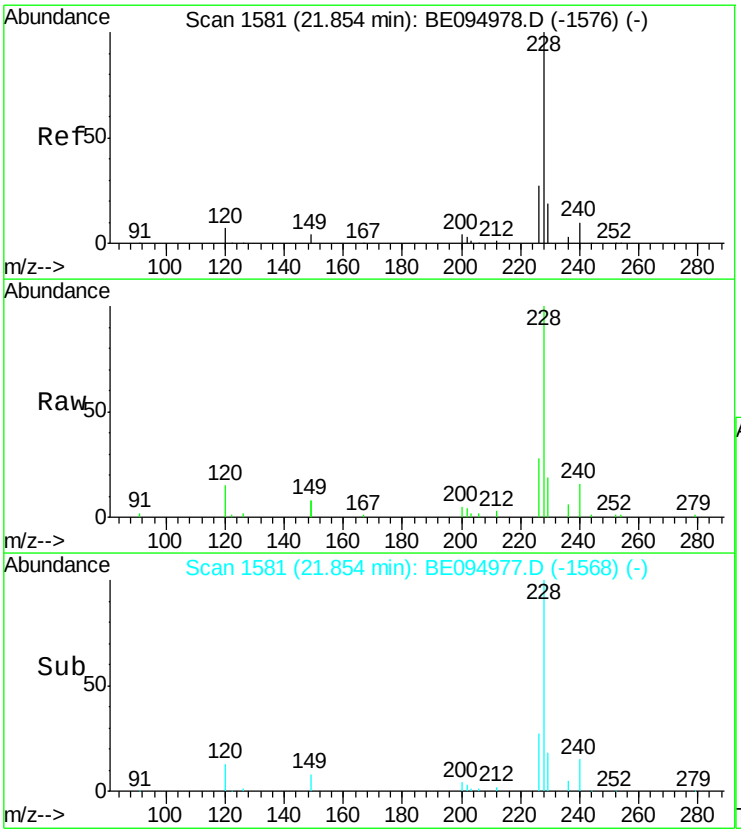
#29
Terphenyl-d14
Concen: 0.203 ng
RT: 20.31 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 7407

Ion	Ratio	Lower	Upper
244	100		
212	10.3	25.4	38.0#
122	10.2	8.1	12.1

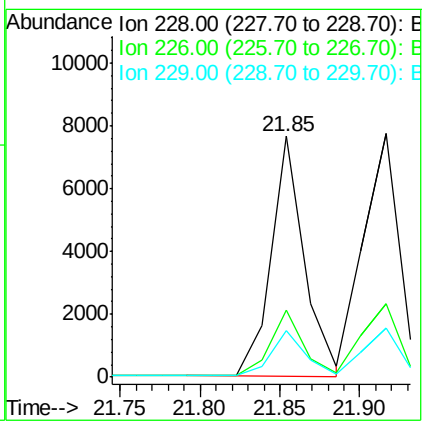


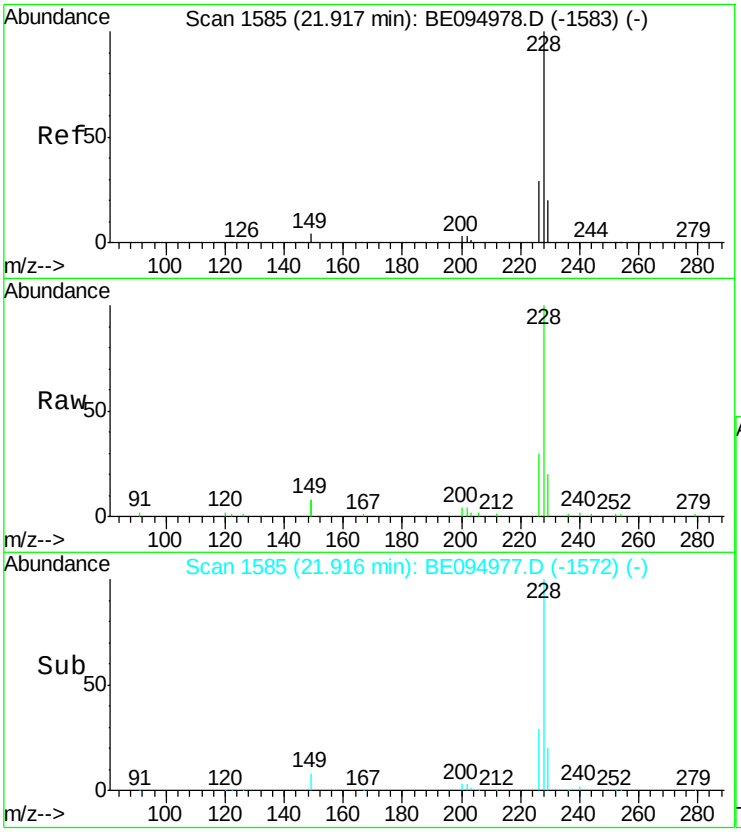


#30
Benzo(a)anthracene
Concen: 0.183 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:228 Resp: 11072

Ion	Ratio	Lower	Upper
228	100		
226	27.7	40.0	60.0#
229	19.1	40.0	60.0#



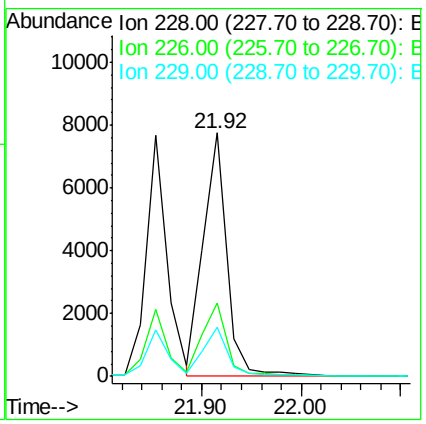


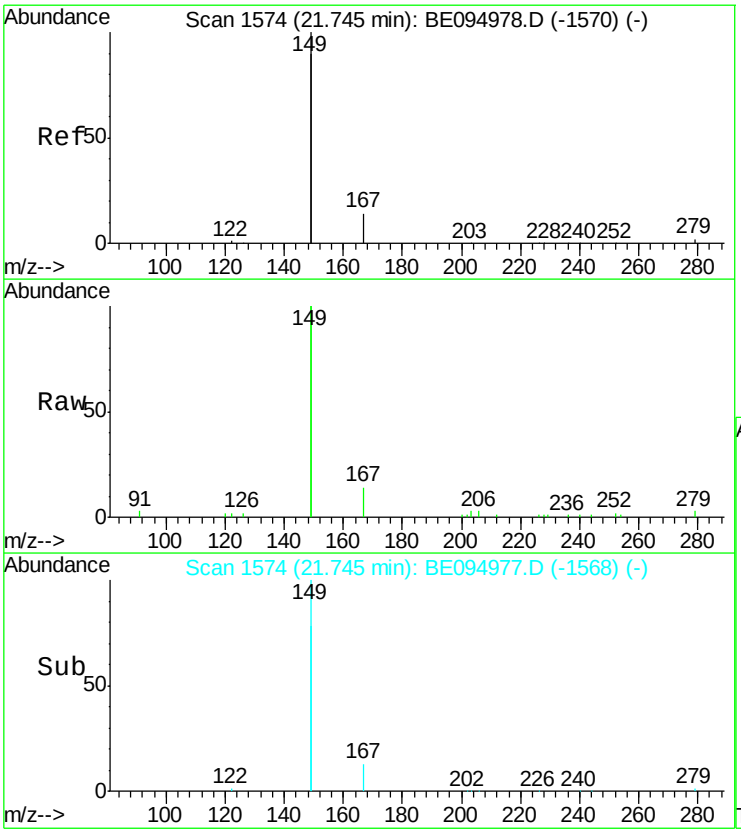
#31
Chrysene
Concen: 0.203 ng
RT: 21.92 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 13563

Ion	Ratio	Lower	Upper
228	100		
226	29.9	40.0	60.0#
229	20.3	40.0	60.0#

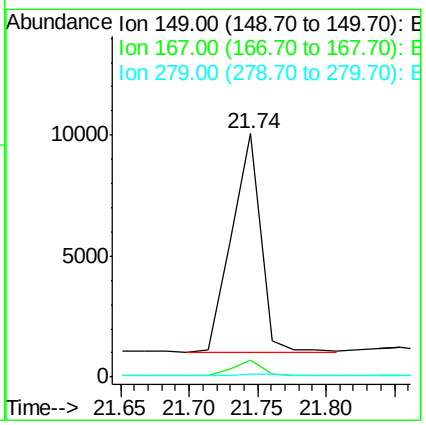


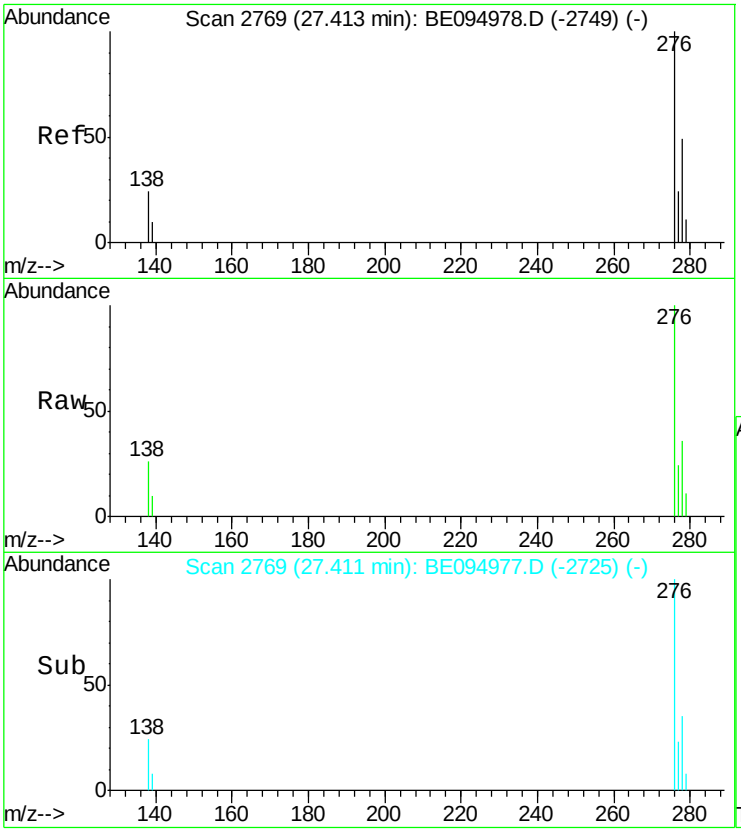


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.133 ng
RT: 21.74 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:149 Resp: 13360

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1



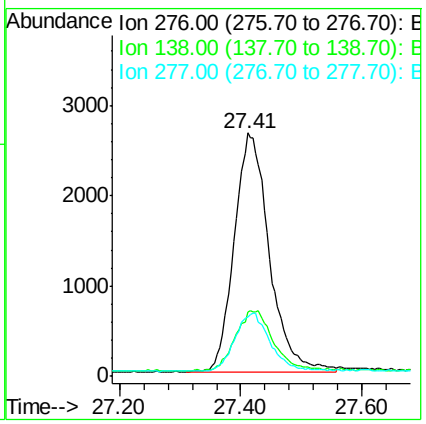


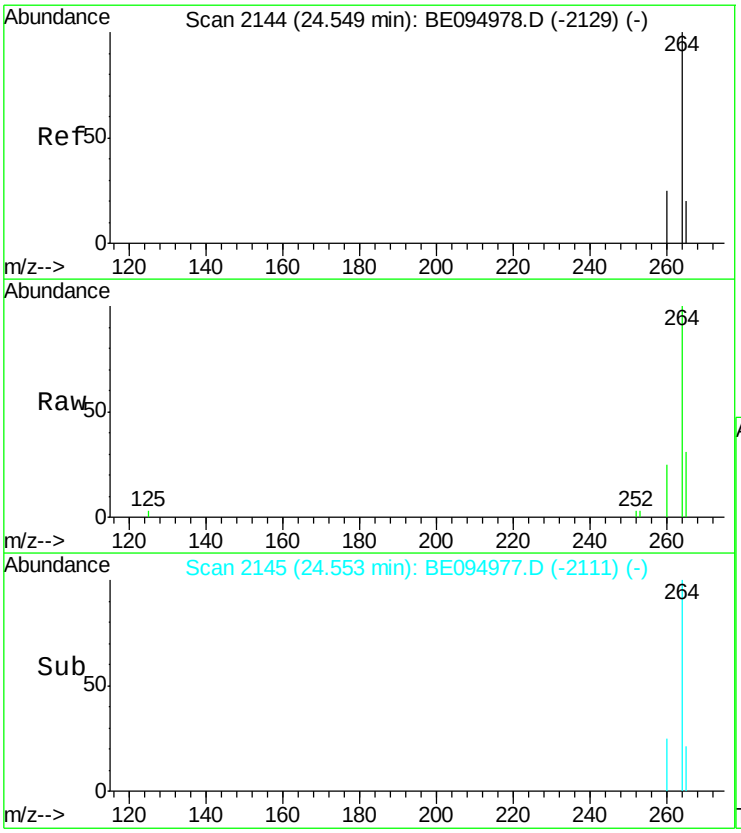
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng
RT: 27.41 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 10601

Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.5	33.7
277	24.3	19.9	29.9

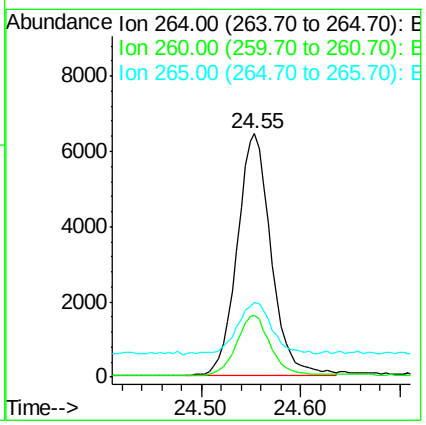


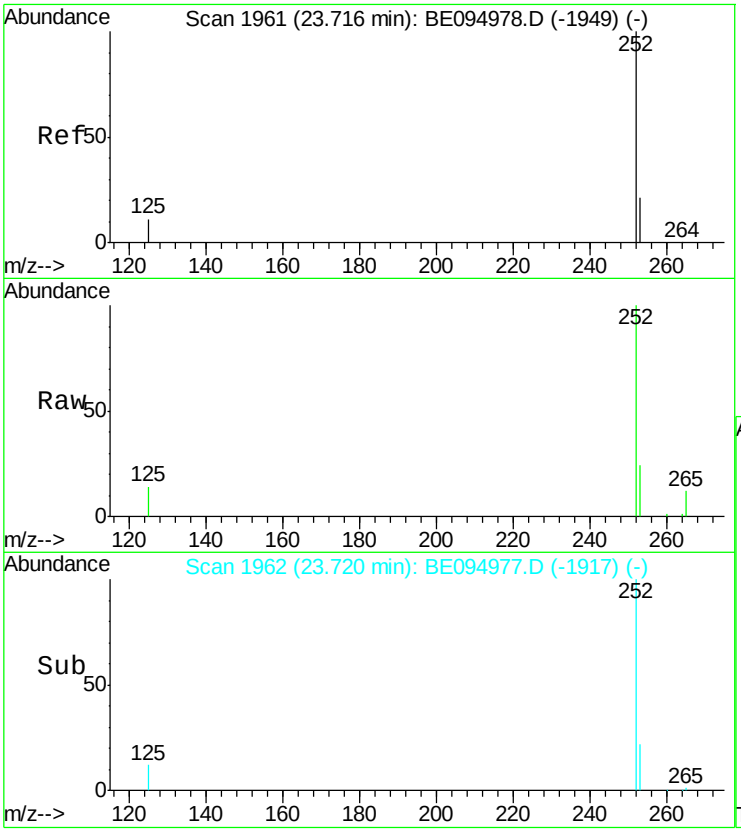


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.55 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:264 Resp: 15194

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	30.6	22.8	34.2



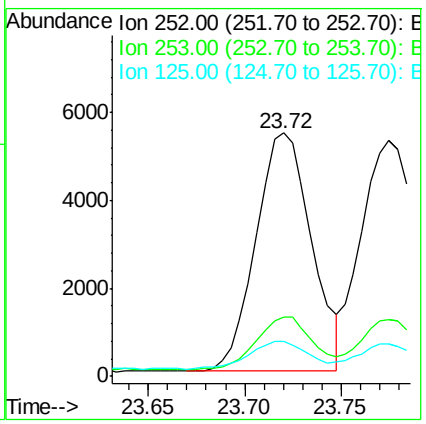


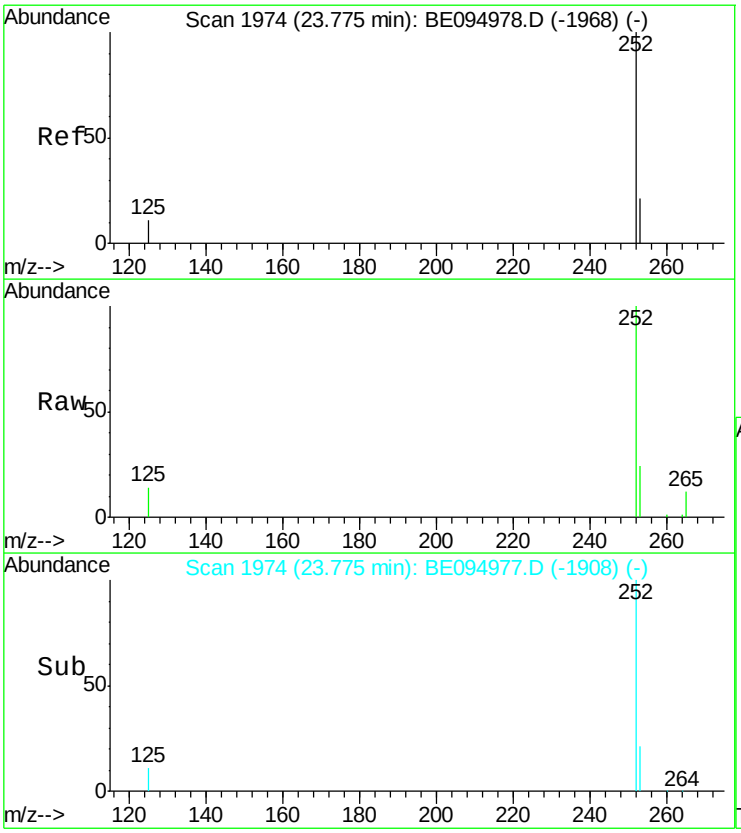
#35
Benzo(b)fluoranthene
Concen: 0.196 ng
RT: 23.72 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 10887

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.0	30.0
125	14.4	16.0	24.0#

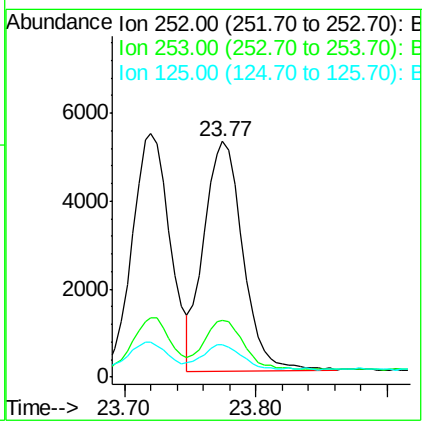


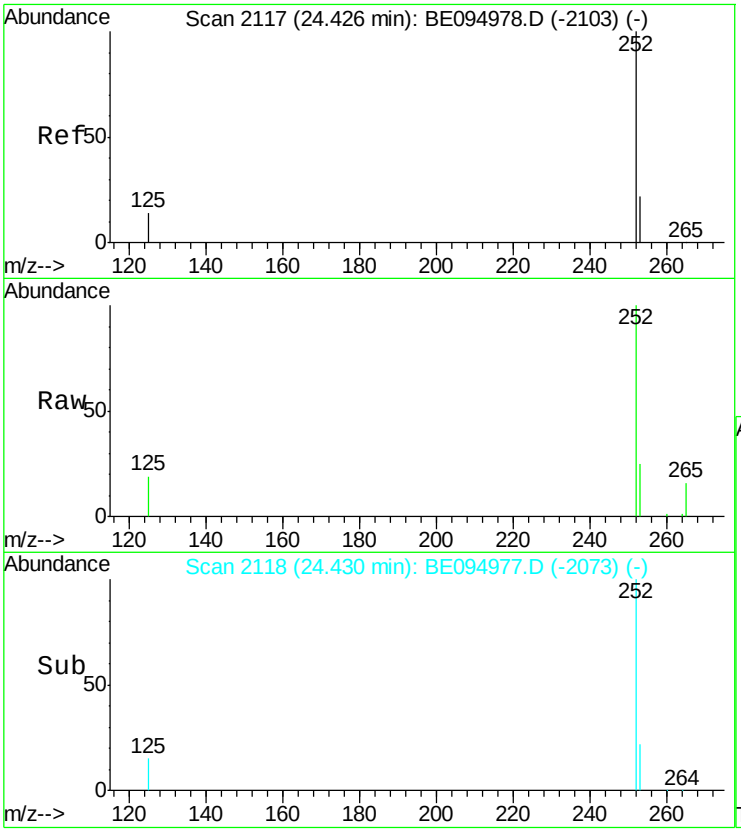


#36
Benzo(k)fluoranthene
Concen: 0.190 ng
RT: 23.77 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:252 Resp: 10742

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	14.0	8.0	12.0#



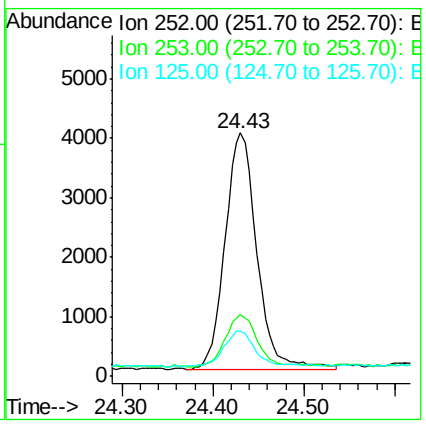


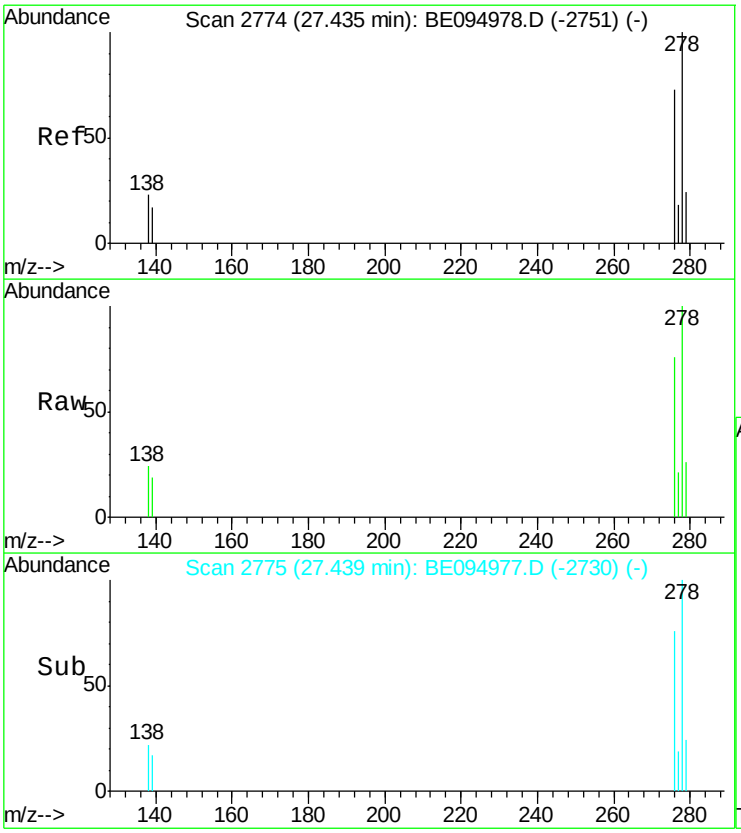
#37
Benzo(a)pyrene
Concen: 0.198 ng
RT: 24.43 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 9636

Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.0	24.0#
125	18.7	12.0	18.0#

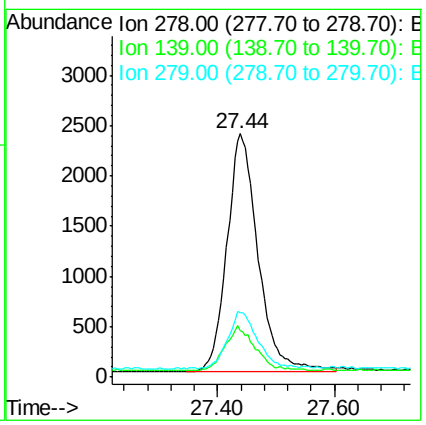


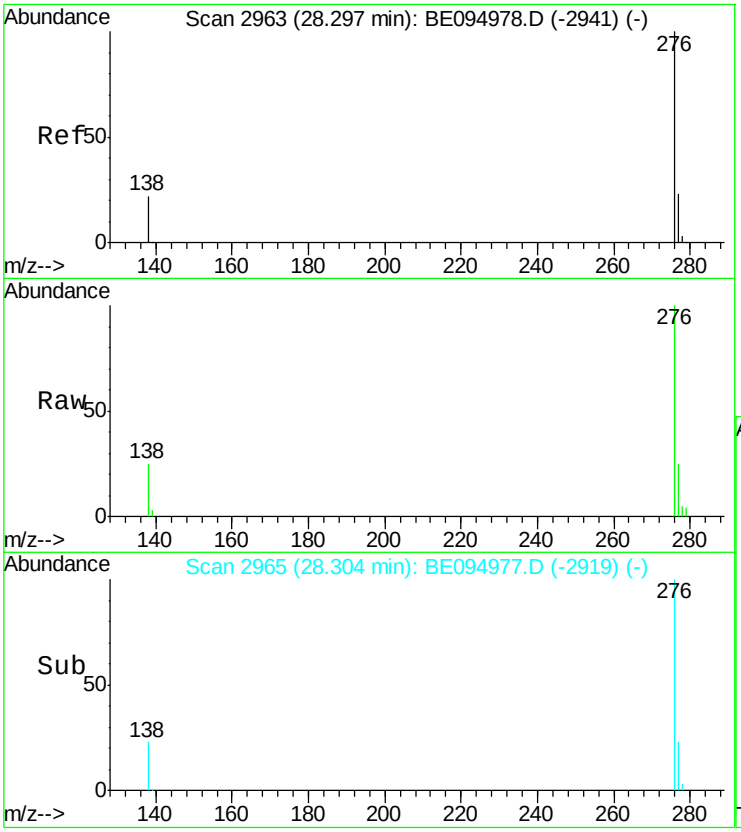


#38
Dibenzo(a,h)anthracene
Concen: 0.196 ng
RT: 27.44 min Scan# 2775
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:278 Resp: 8802

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.0	24.0
279	26.2	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.197 ng
RT: 28.30 min Scan# 2965
Delta R.T. 0.01 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 8856

Ion	Ratio	Lower	Upper
276	100		
277	25.2	16.0	24.0#
138	25.2	20.0	30.0