Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
Data File : BE094889.D
Acq On : 30 Nov 2017 13:13
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Nov 30 15:22:09 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 15:20:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	8830	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	18782	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	10337	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	26478	0.40	ng		0.00
27) Chrysene-d12	21.88	240	31291	0.40	ng		0.00
34) Perylene-d12	24.57	264	25115	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	2721	0.09	ng		0.00
5) Phenol-d6	7.59	99	3962	0.09	ng		0.00
8) Nitrobenzene-d5	9.67	82	2211	0.15	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	5896	0.20	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	412	0.14	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	8793	0.24	ng		0.00
25) Fluoranthene-d10	19.76	212	70095	0.17	ng		0.00
29) Terphenyl-d14	20.33	244	11171	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	1612	0.108	ng		89
3) n-Nitrosodimethylamine	4.03	42	2020	0.141	ng	#	85
6) bis(2-Chloroethyl)ether	7.88	93	3897	0.110	ng		99
9) Naphthalene	11.38	128	44730	0.210	ng		99
10) Hexachlorobutadiene	11.65	225	1893	0.246	ng		95
12) 2-Methylnaphthalene	12.94	142	11090	0.307	ng		100
16) Acenaphthylene	14.79	152	11315	0.207	ng		99
17) Acenaphthene	15.13	154	7415	0.212	ng		98
18) Fluorene	16.10	166	9374	0.209	ng	#	78
20) 4-Bromophenyl-phenylether	16.97	248	2831	0.196	ng	#	57
21) Hexachlorobenzene	17.09	284	2720	0.215	ng	#	79
22) Pentachlorophenol	17.43	266	643	0.398	ng	#	74
23) Phenanthrene	17.82	178	16351	0.202	ng		98
24) Anthracene	17.91	178	17308	0.222	ng	#	87
26) Fluoranthene	19.79	202	20712	0.167	ng		100
28) Pyrene	20.14	202	21500	0.196	ng		95
30) Benzo(a)anthracene	21.87	228	18892	0.185	ng	#	61
31) Chrysene	21.92	228	21316	0.206	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.76	149	28603	0.115	ng		99
33) Indeno(1,2,3-cd)pyrene	27.44	276	16691	0.175	ng		99
35) Benzo(b)fluoranthene	23.73	252	18365	0.226	ng	#	41
36) Benzo(k)fluoranthene	23.79	252	18146	0.210	ng	#	41
37) Benzo(a)pyrene	24.44	252	15563	0.197	ng	#	37
38) Dibenzo(a,h)anthracene	27.47	278	14026	0.198	ng	#	45
39) Benzo(g,h,i)perylene	28.33	276	14274	0.215	ng	#	54

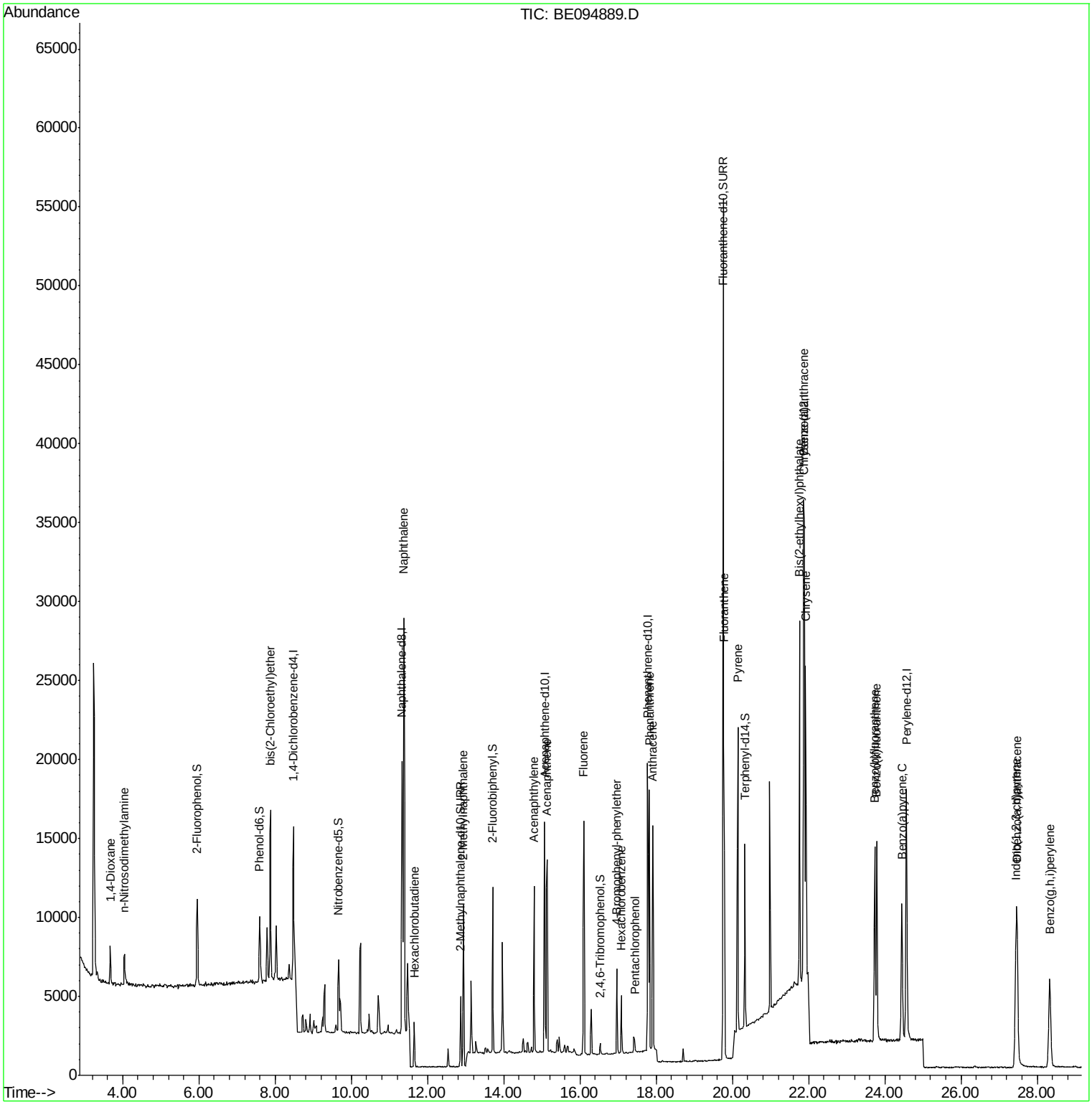
(#) = qualifier out of range (m) = manual integration (+) = signals summed

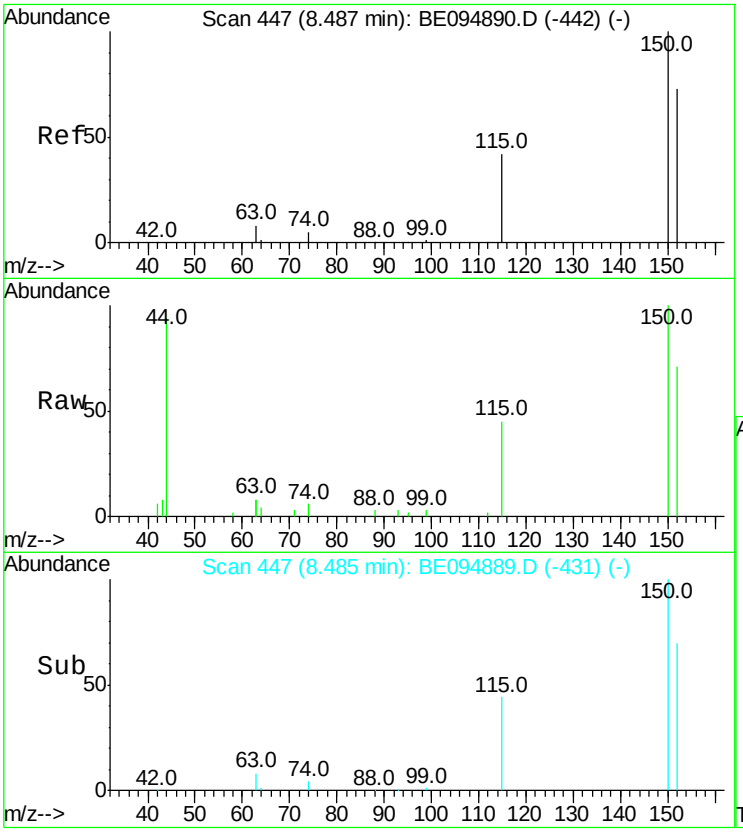
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
Data File : BE094889.D
Acq On : 30 Nov 2017 13:13
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 30 15:22:09 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 15:20:25 2017
Response via : Initial Calibration



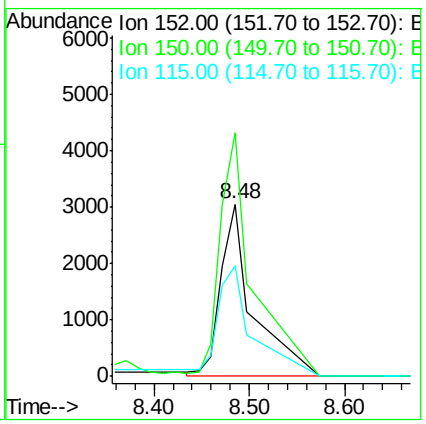


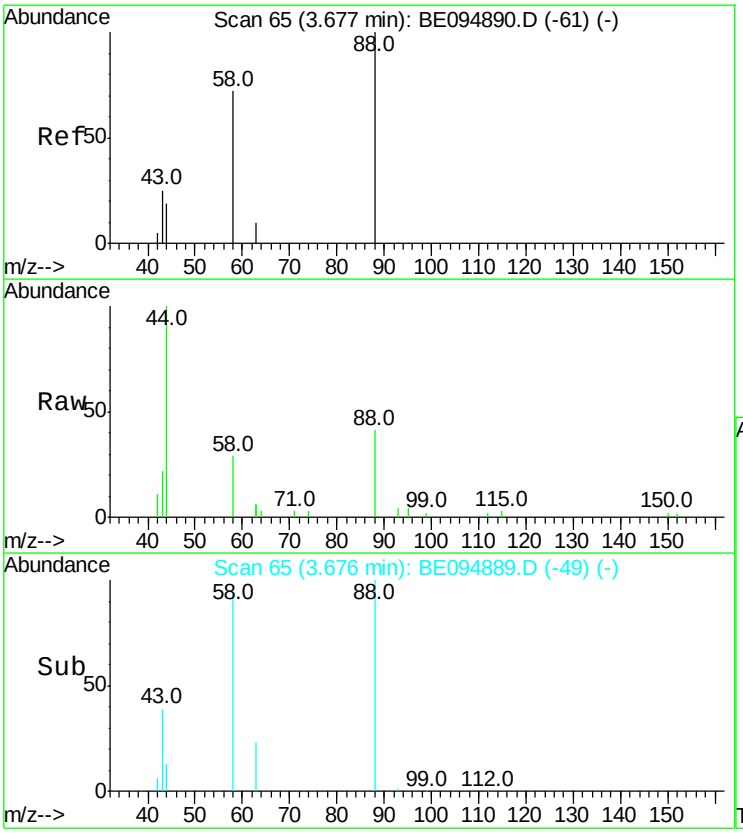
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 8830

Ion	Ratio	Lower	Upper
152	100		
150	141.3	117.2	175.8
115	64.1	57.0	85.6

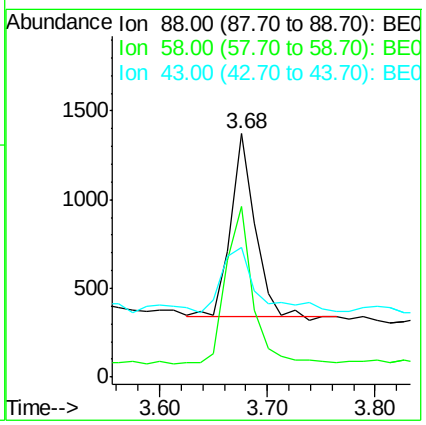


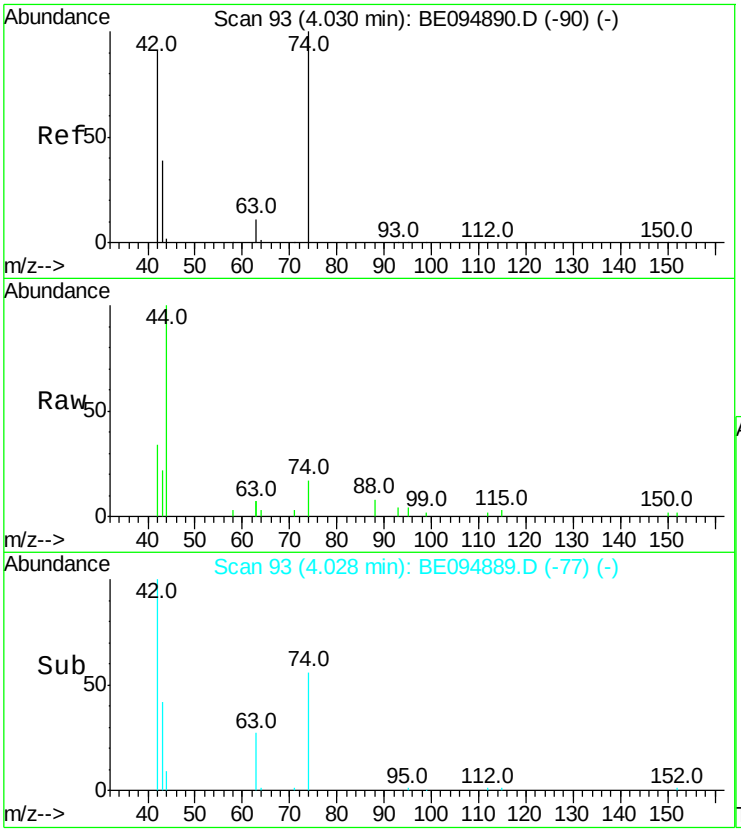


#2
1,4-Dioxane
Concen: 0.108 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion: 88 Resp: 1612

Ion	Ratio	Lower	Upper
88	100		
58	93.8	63.2	94.8
43	52.7	41.2	61.8



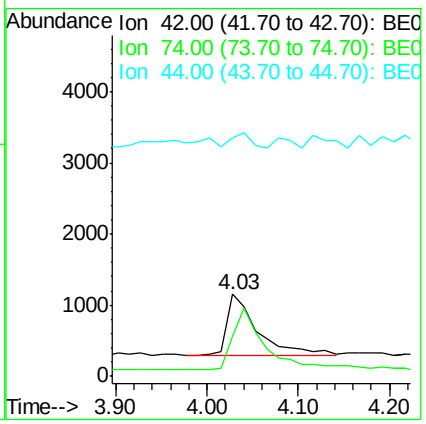


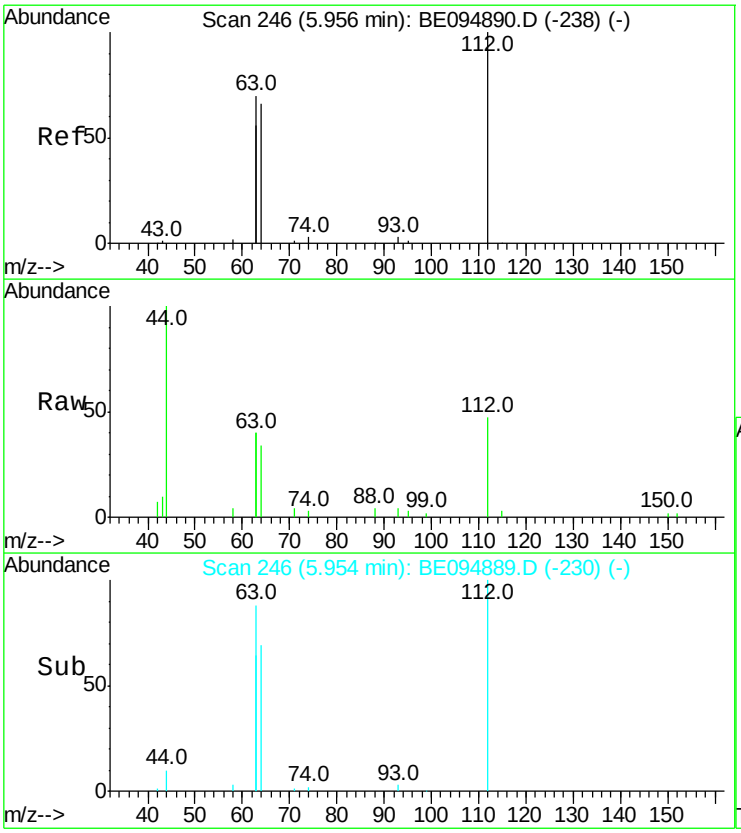
#3
n-Nitrosodimethylamine
Concen: 0.141 ng
RT: 4.03 min Scan# 93
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 2020

Ion	Ratio	Lower	Upper
42	100		
74	108.6	100.3	150.5
44	14.9	17.0	25.4#

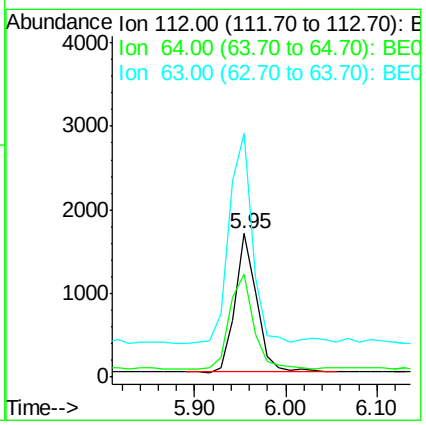


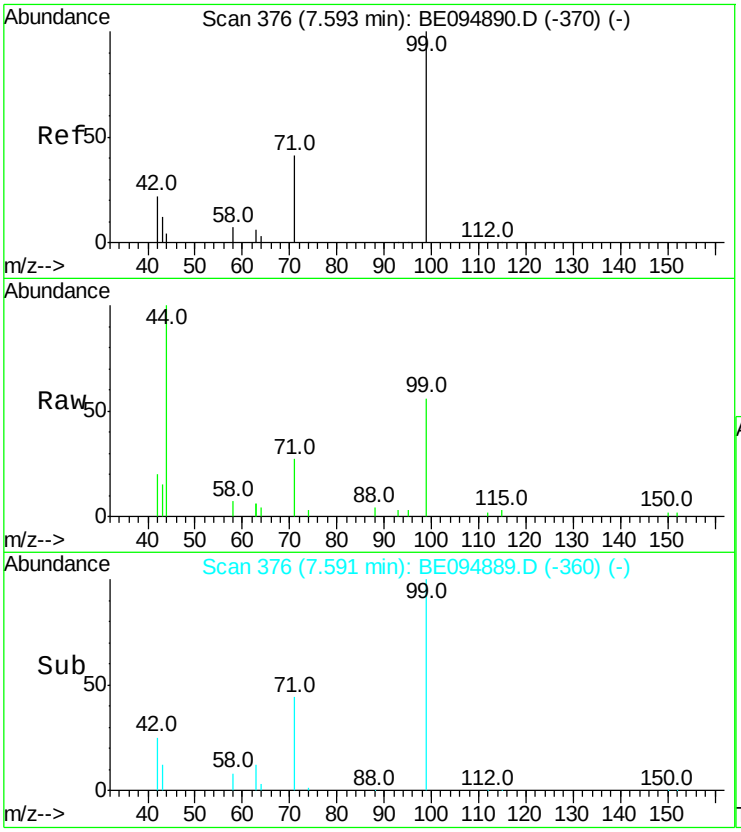


#4
2-Fluorophenol
Concen: 0.090 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:112 Resp: 2721

Ion	Ratio	Lower	Upper
112	100		
64	76.6	60.1	90.1
63	162.3	116.8	175.2



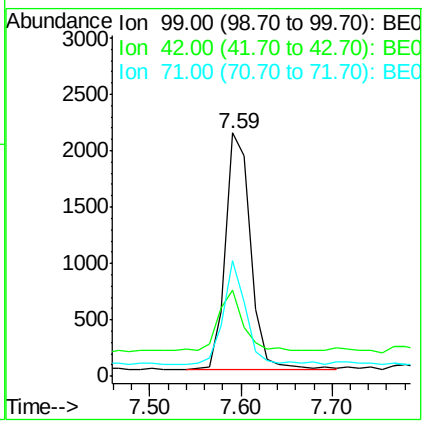


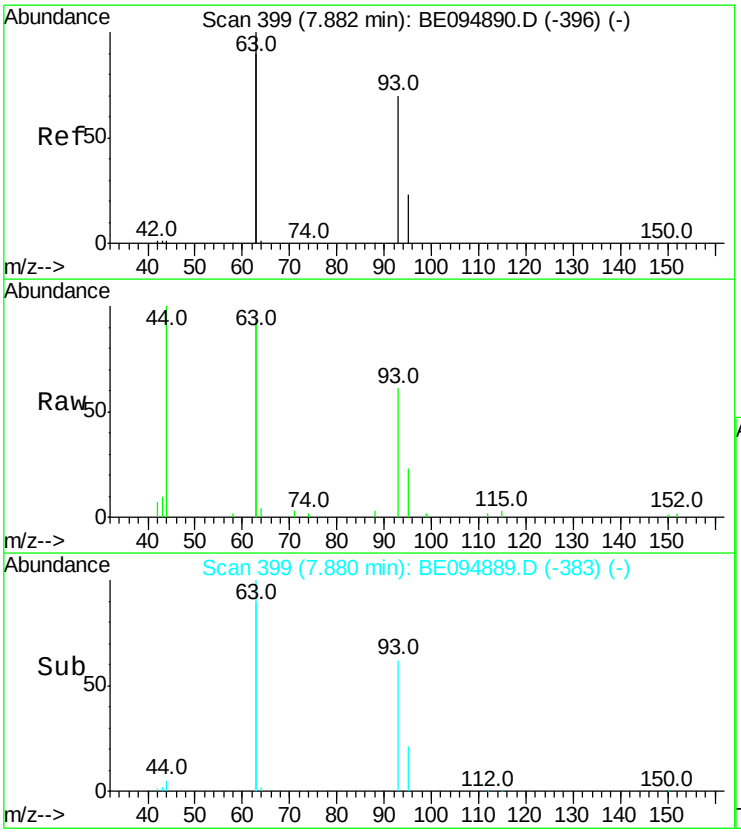
#5
Phenol-d6
Concen: 0.087 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3962

Ion	Ratio	Lower	Upper
99	100		
42	28.4	20.2	30.2
71	40.3	28.4	42.6

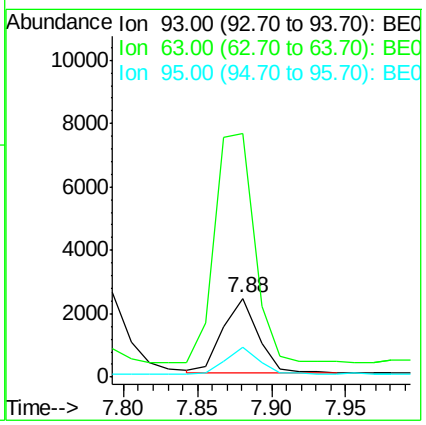


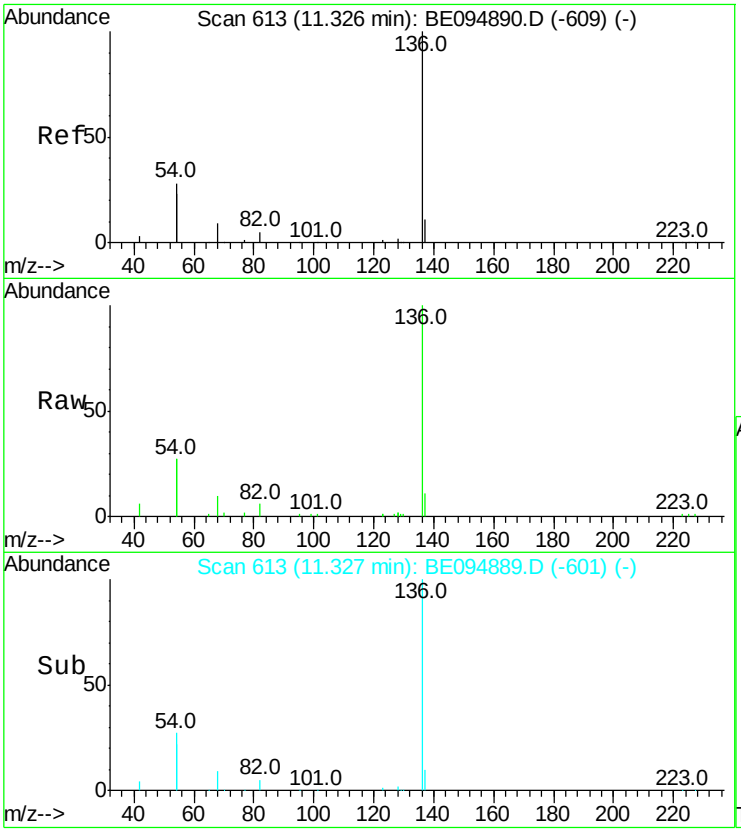


#6
bis(2-Chloroethyl)ether
Concen: 0.110 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion: 93 Resp: 3897

Ion	Ratio	Lower	Upper
93	100		
63	345.4	275.3	412.9
95	33.3	25.2	37.8



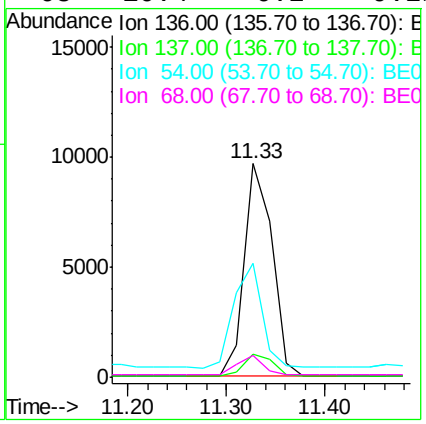


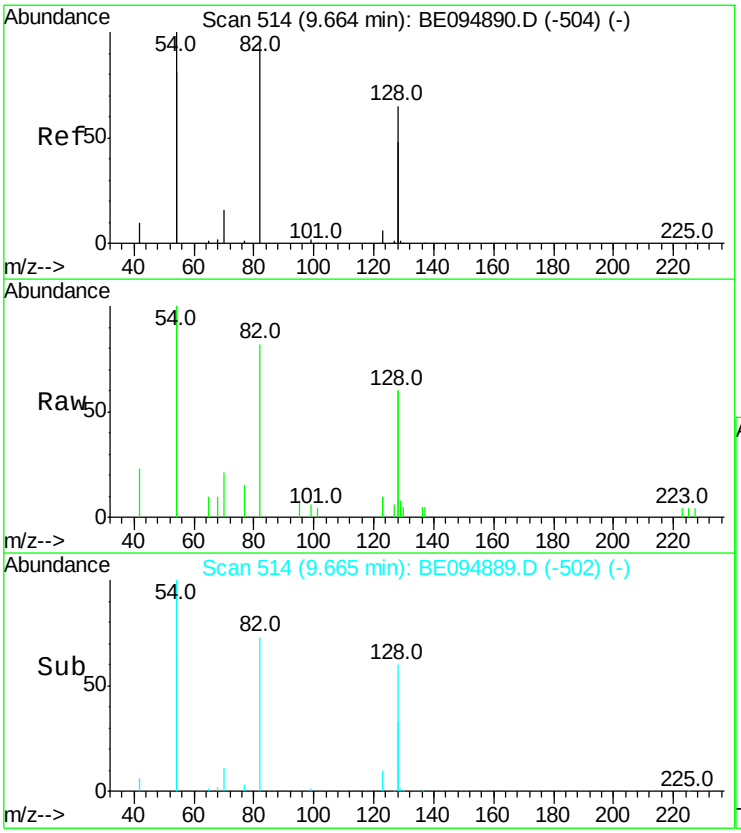
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 18782

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.5	14.3
54	53.1	29.1	43.7#
68	10.4	6.2	9.2#

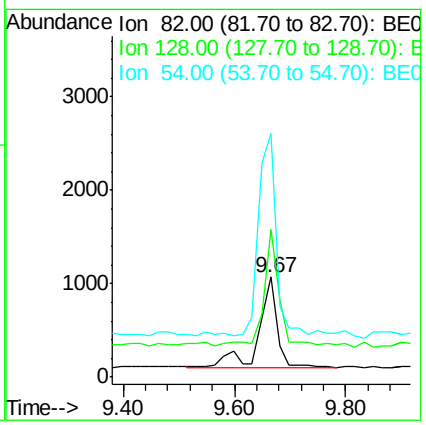


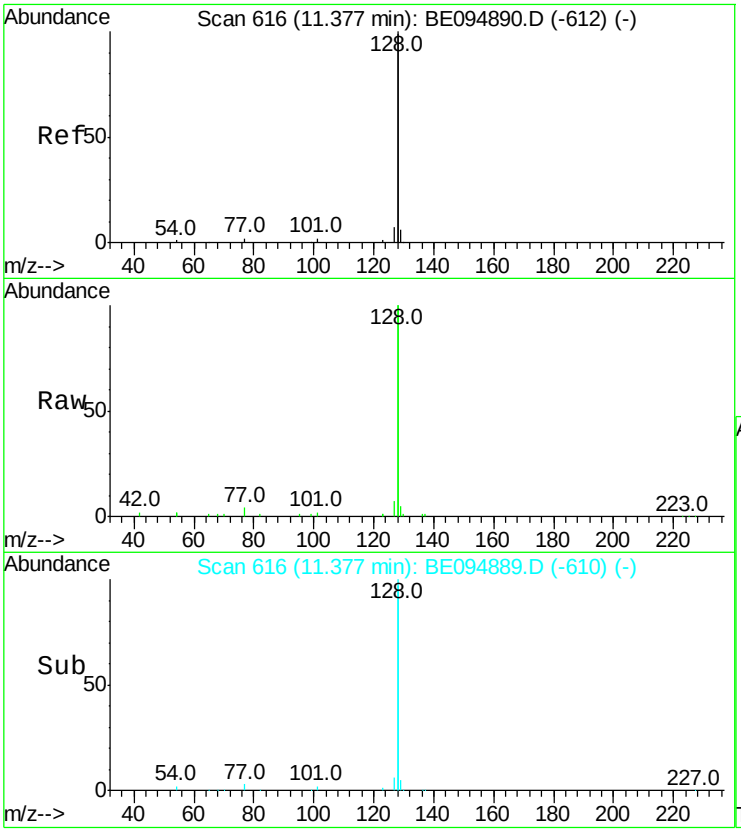


#8
Nitrobenzene-d5
Concen: 0.147 ng
RT: 9.67 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion: 82 Resp: 2211

Ion	Ratio	Lower	Upper
82	100		
128	147.5	150.0	225.0#
54	244.2	154.2	231.4#



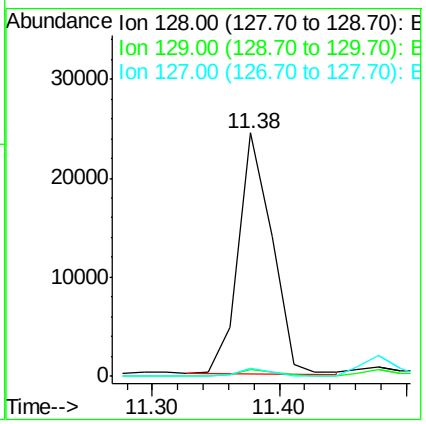


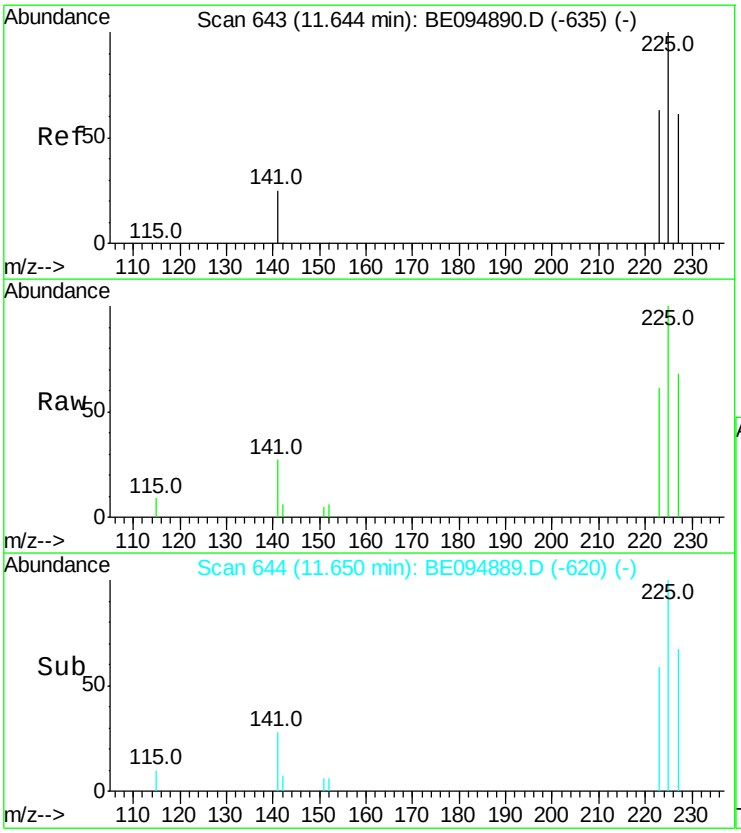
#9
Naphthalene
Concen: 0.210 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 44730

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

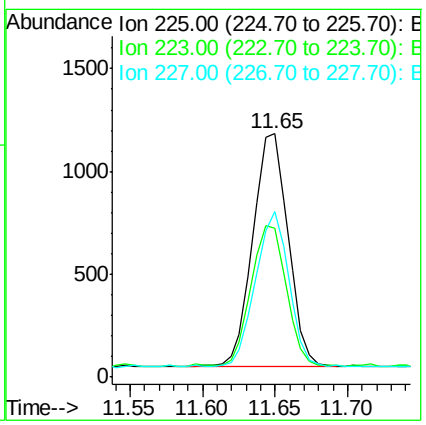


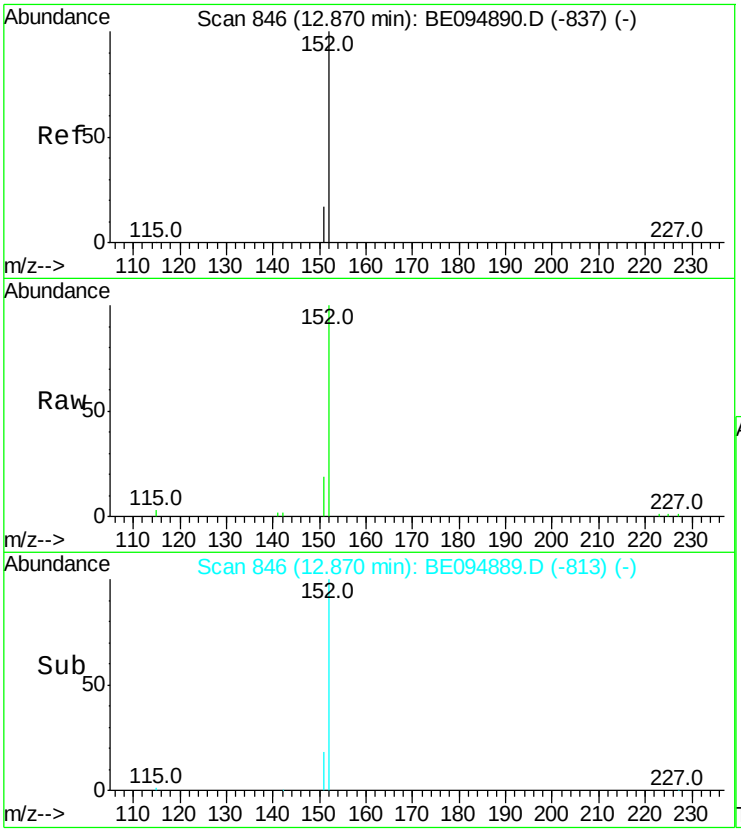


#10
Hexachlorobutadiene
Concen: 0.246 ng
RT: 11.65 min Scan# 644
Delta R.T. 0.01 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:225 Resp: 1893

Ion	Ratio	Lower	Upper
225	100		
223	60.3	53.0	79.6
227	63.1	51.4	77.2



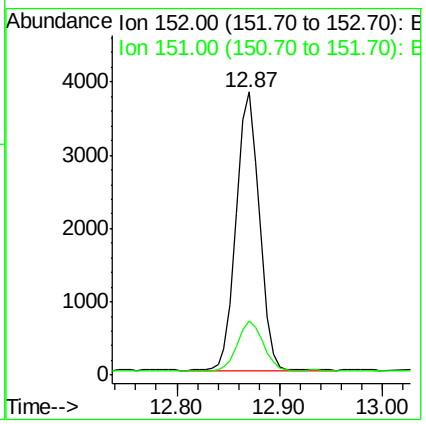


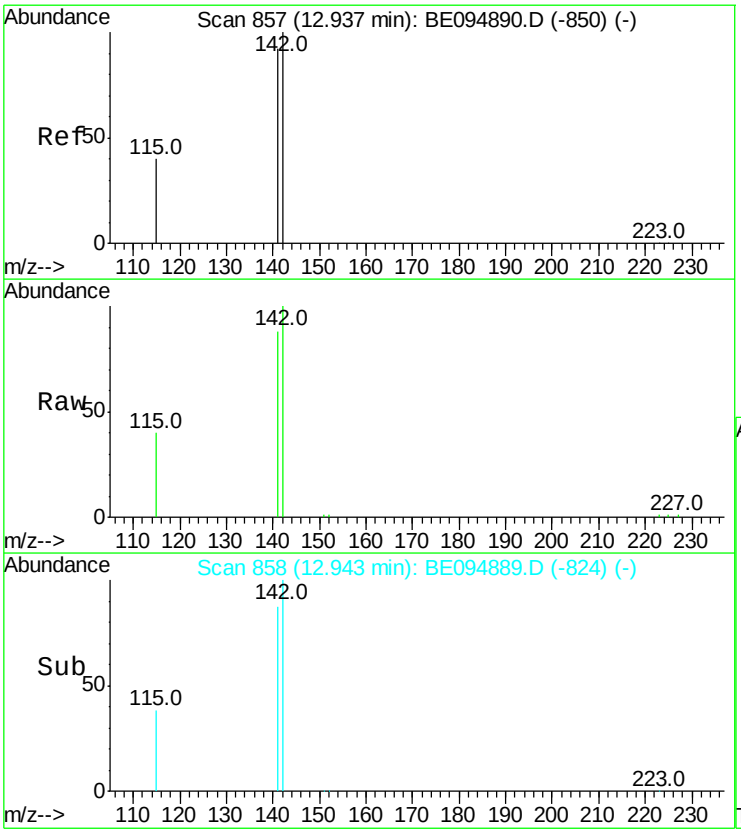
#11
2-Methylnaphthalene-d10
Concen: 0.196 ng
RT: 12.87 min Scan# 846
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5896

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

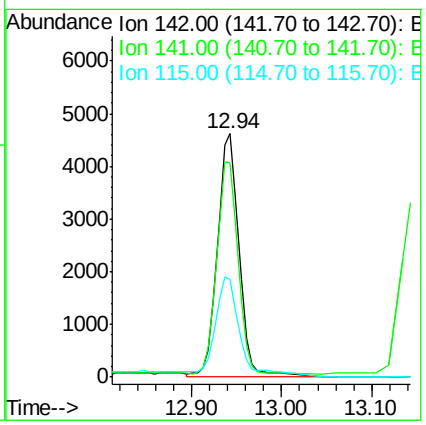


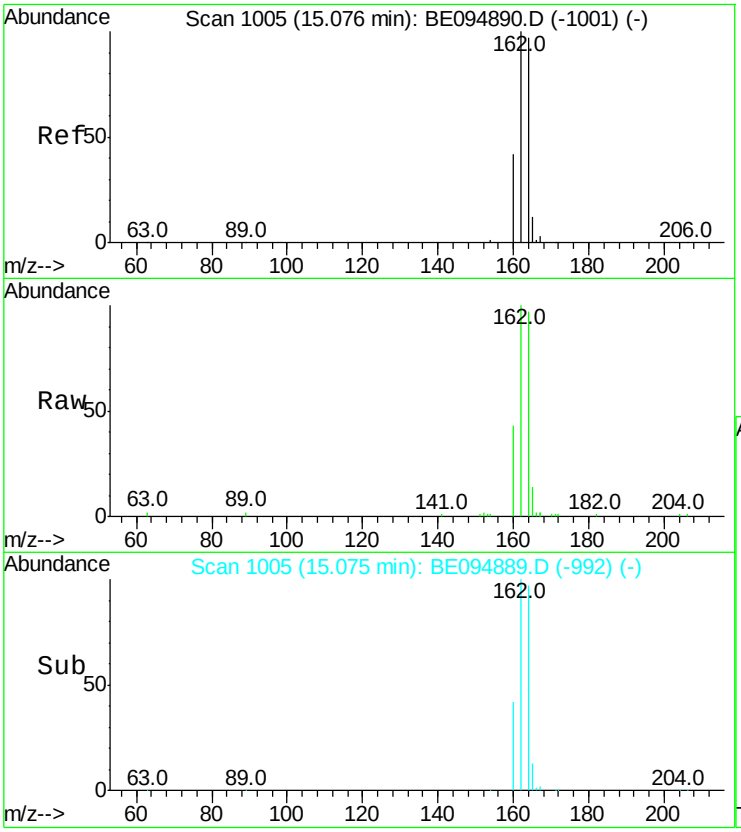


#12
2-Methylnaphthalene
Concen: 0.307 ng
RT: 12.94 min Scan# 858
Delta R.T. 0.01 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:142 Resp: 11090

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.4	105.6
115	39.9	31.7	47.5



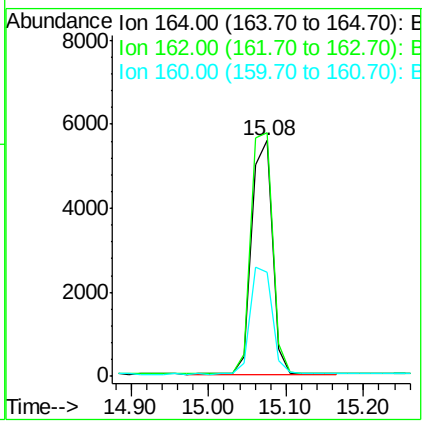


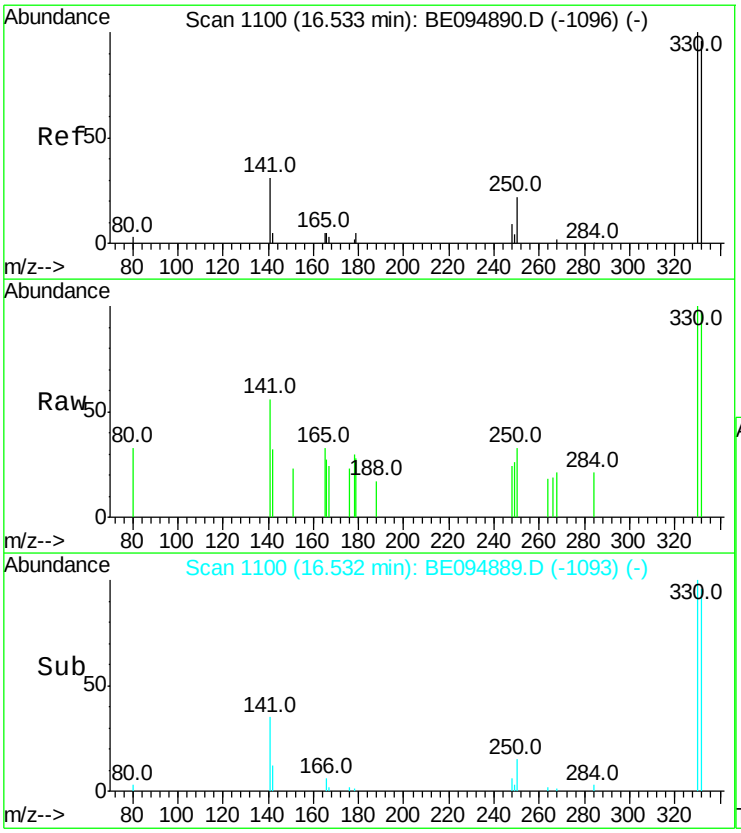
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 10337

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.1	124.7
160	44.4	37.1	55.7

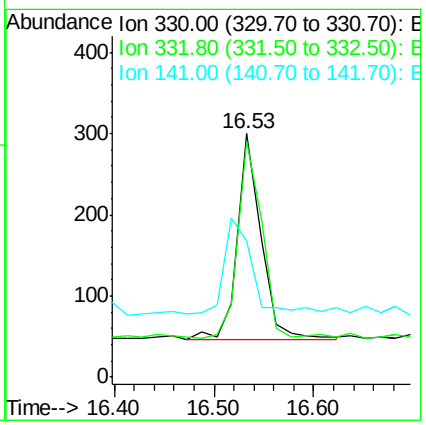


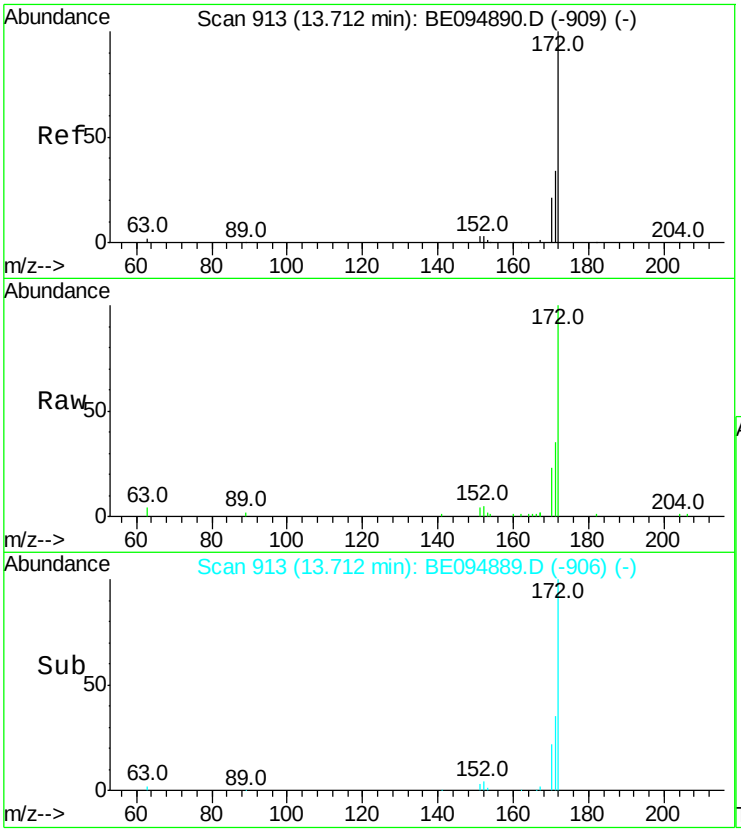


#14
2,4,6-Tribromophenol
Concen: 0.144 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:330 Resp: 412

Ion	Ratio	Lower	Upper
330	100		
332	97.3	152.7	229.1#
141	51.9	33.7	50.5#



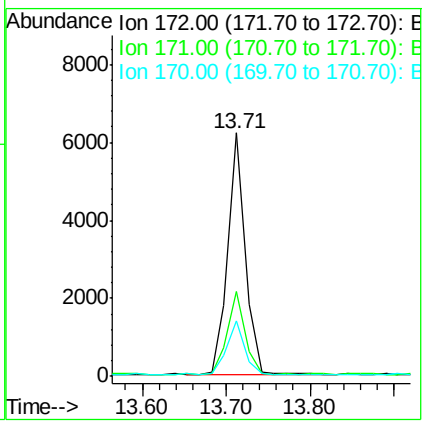


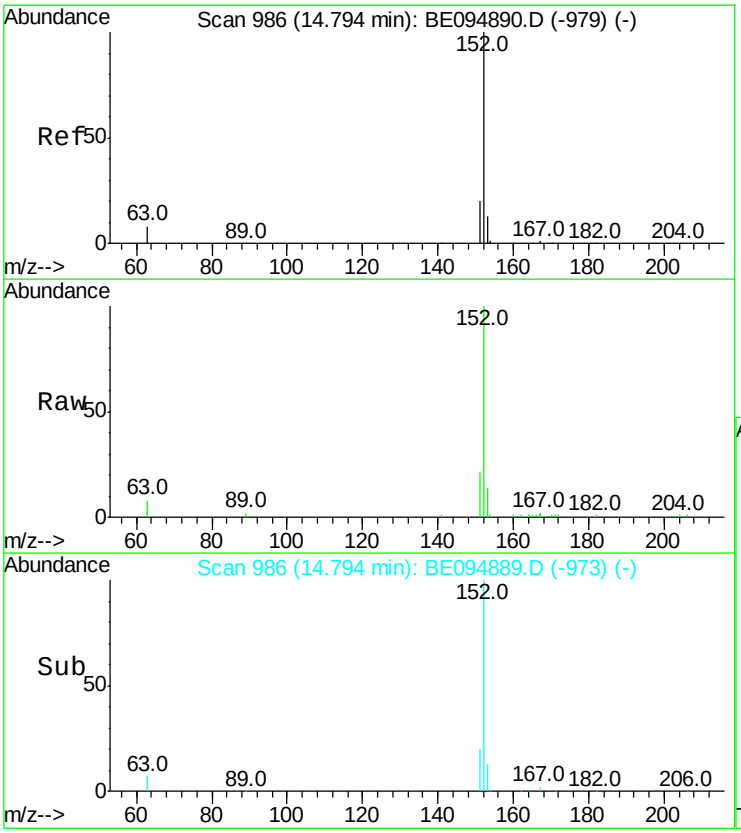
#15
2-Fluorobiphenyl
Concen: 0.241 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 8793

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	23.0	21.8	32.8

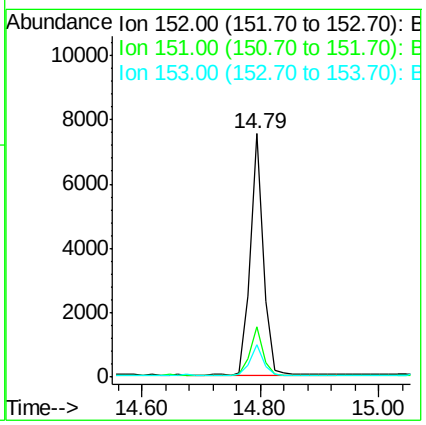


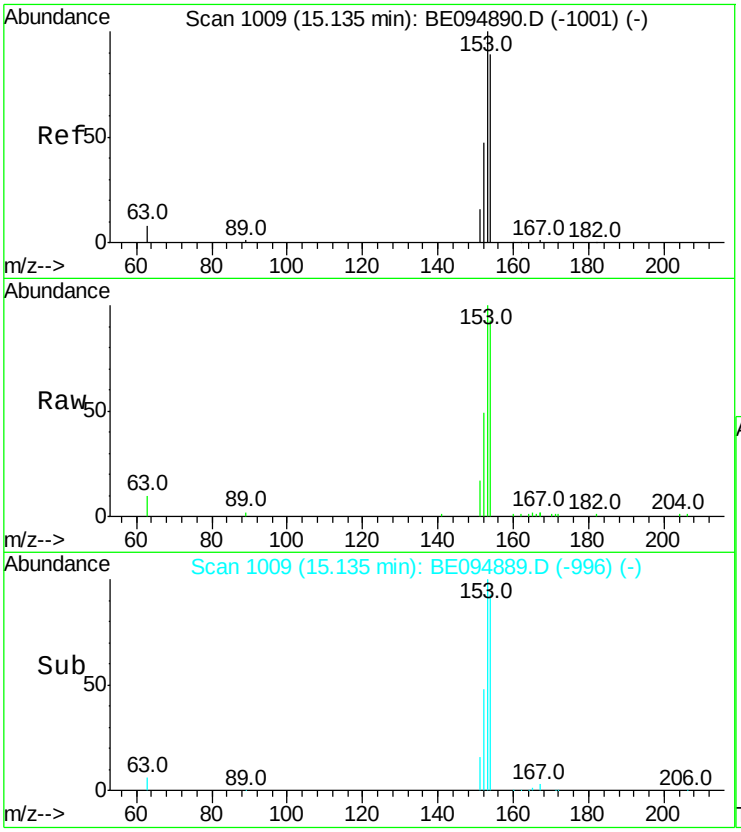


#16
Acenaphthylene
Concen: 0.207 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:152 Resp: 11315

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.9	10.5	15.7



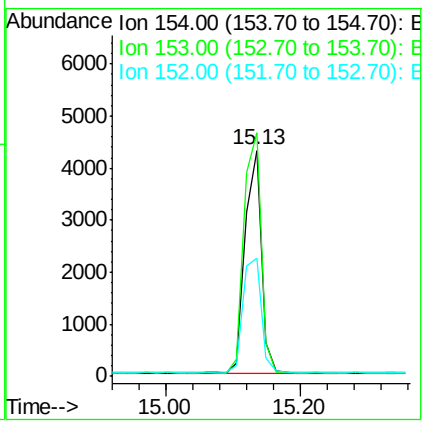


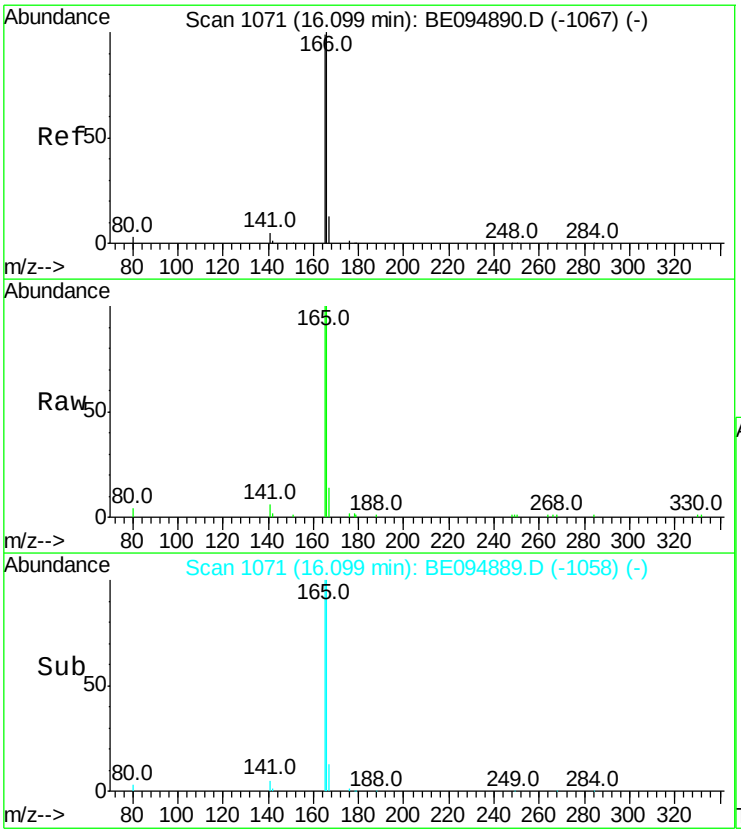
#17
Acenaphthene
Concen: 0.212 ng
RT: 15.13 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 7415

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.2	133.8
152	56.9	42.0	63.0

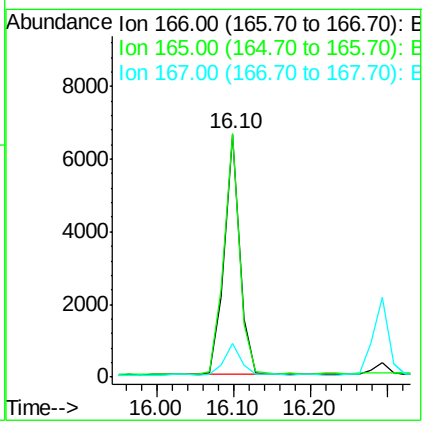


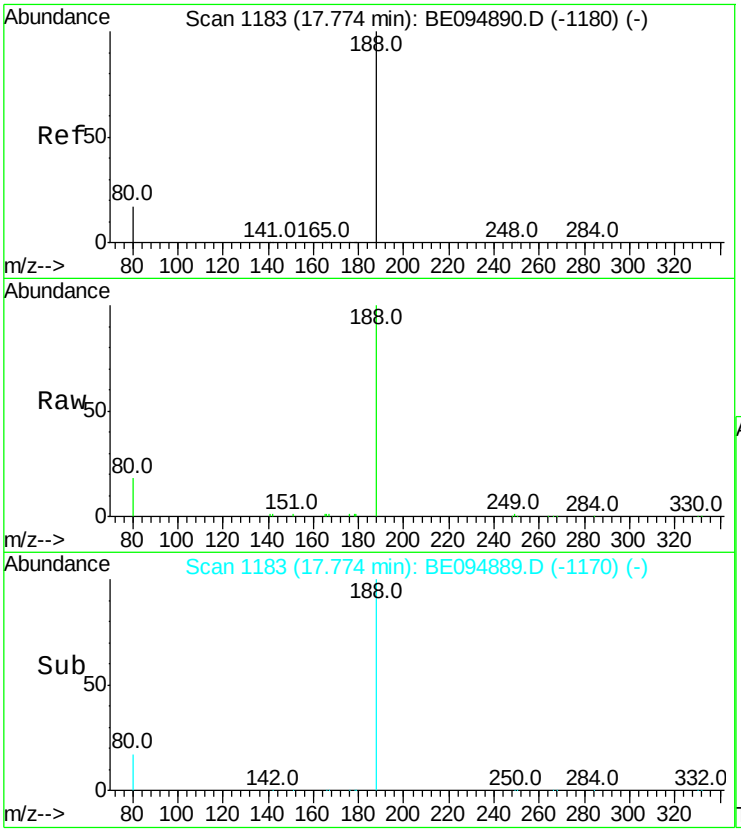


#18
Fluorene
Concen: 0.209 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:166 Resp: 9374

Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.8	116.6
167	14.0	42.4	63.6#



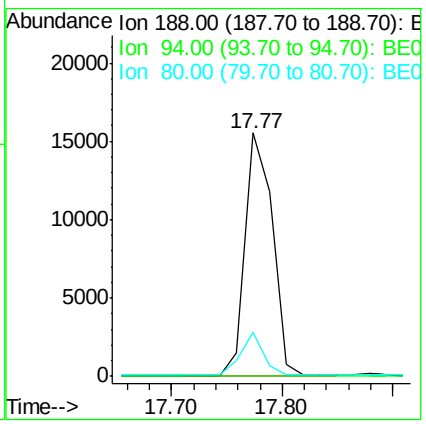


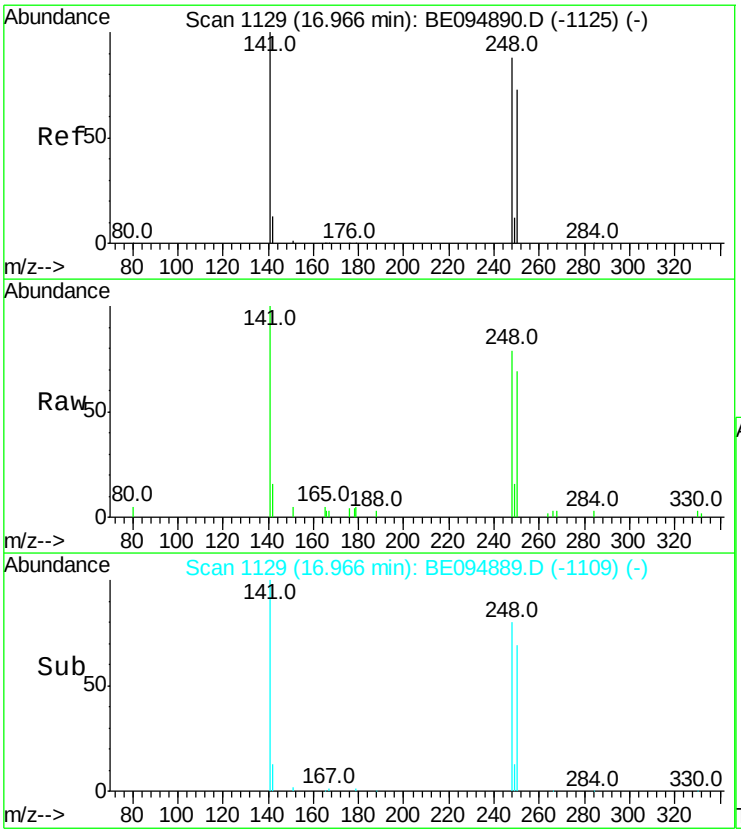
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 26478

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

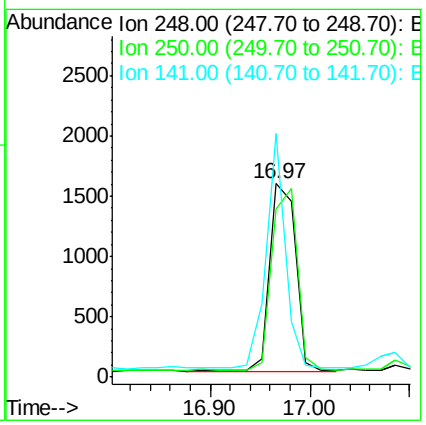


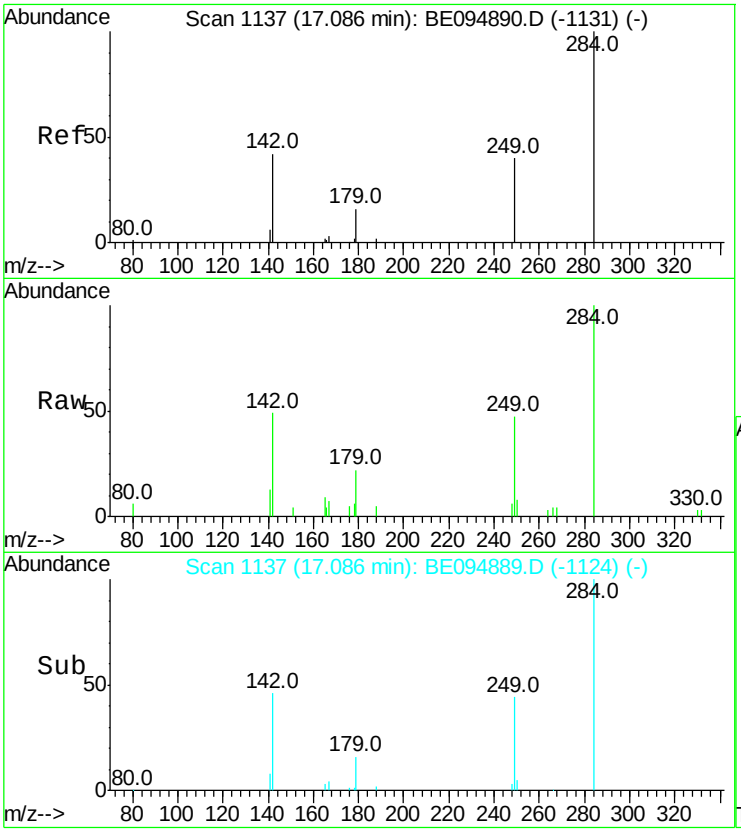


#20
4-Bromophenyl-phenylether
Concen: 0.196 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:248 Resp: 2831

Ion	Ratio	Lower	Upper
248	100		
250	87.0	62.7	94.1
141	125.9	48.2	72.2#



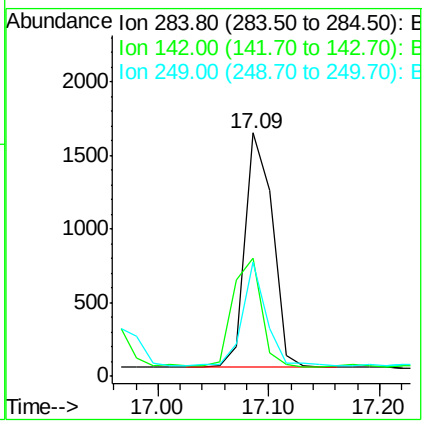


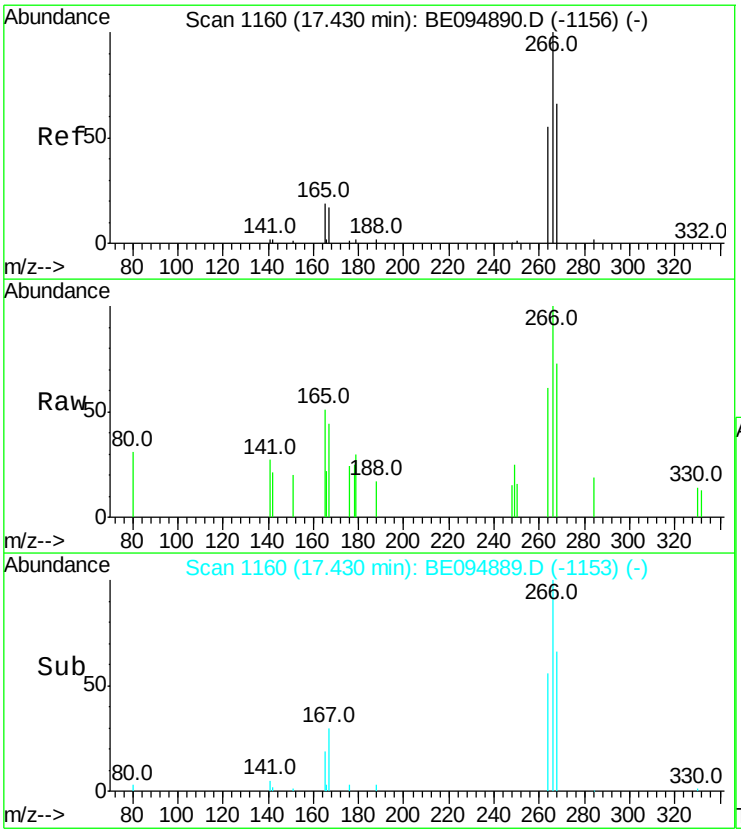
#21
Hexachlorobenzene
Concen: 0.215 ng
RT: 17.09 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2720

Ion	Ratio	Lower	Upper
284	100		
142	49.5	22.1	33.1#
249	38.2	34.8	52.2

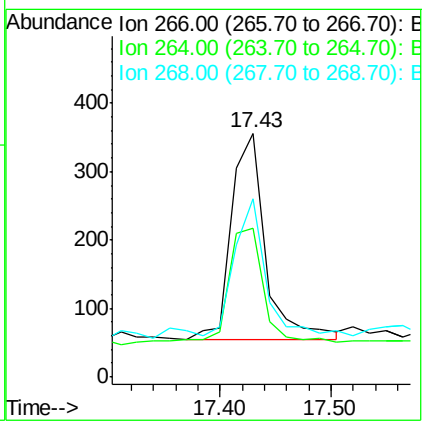


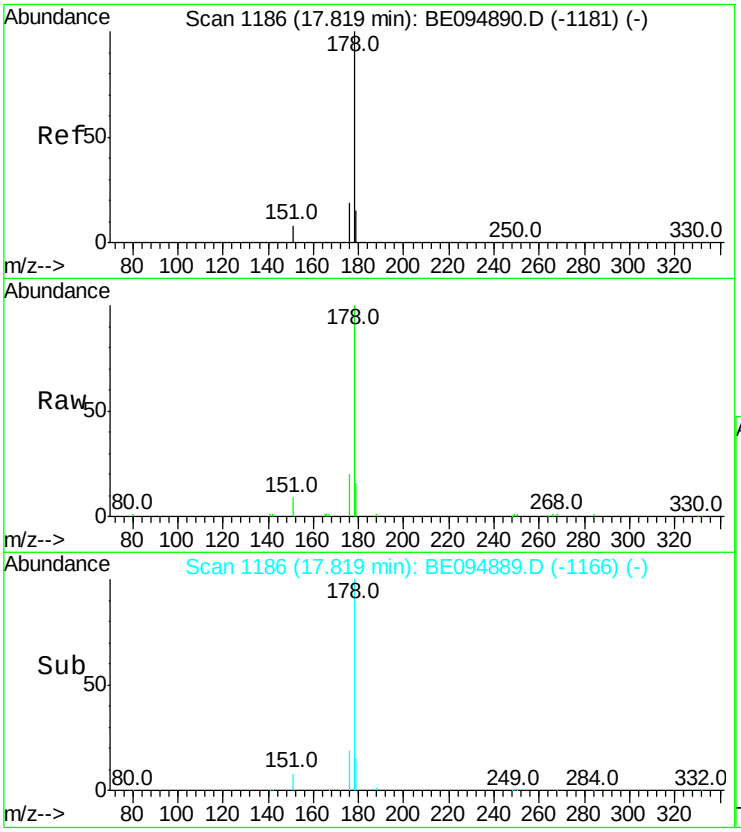


#22
Pentachlorophenol
Concen: 0.398 ng
RT: 17.43 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:266 Resp: 643

Ion	Ratio	Lower	Upper
266	100		
264	61.0	72.5	108.7#
268	73.3	73.8	110.6#



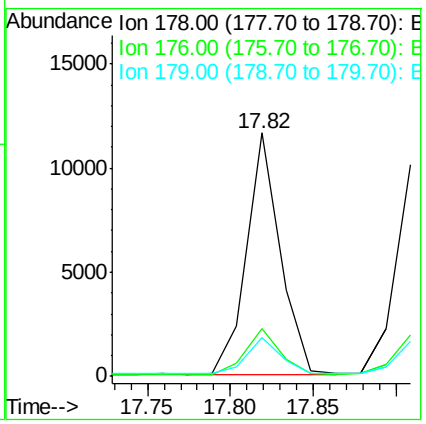


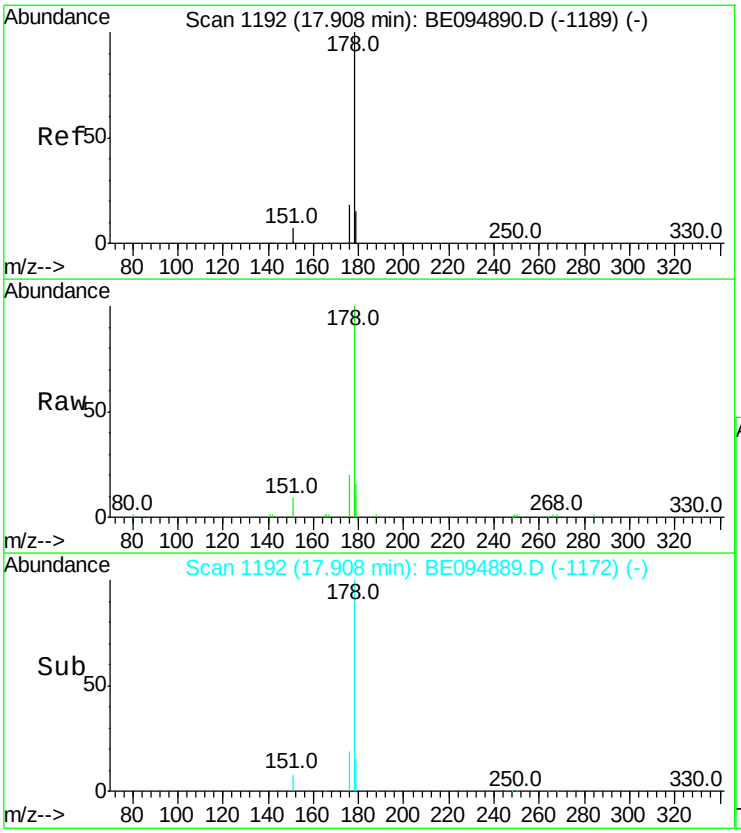
#23
Phenanthrene
Concen: 0.202 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 16351

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	15.5	11.8	17.6

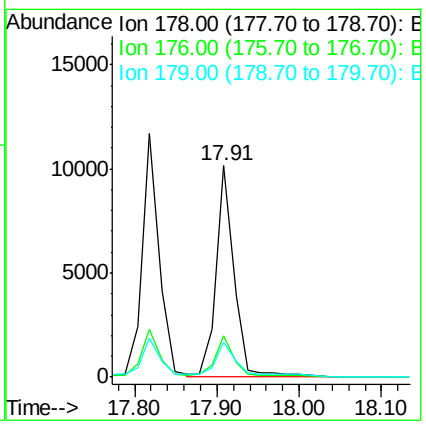


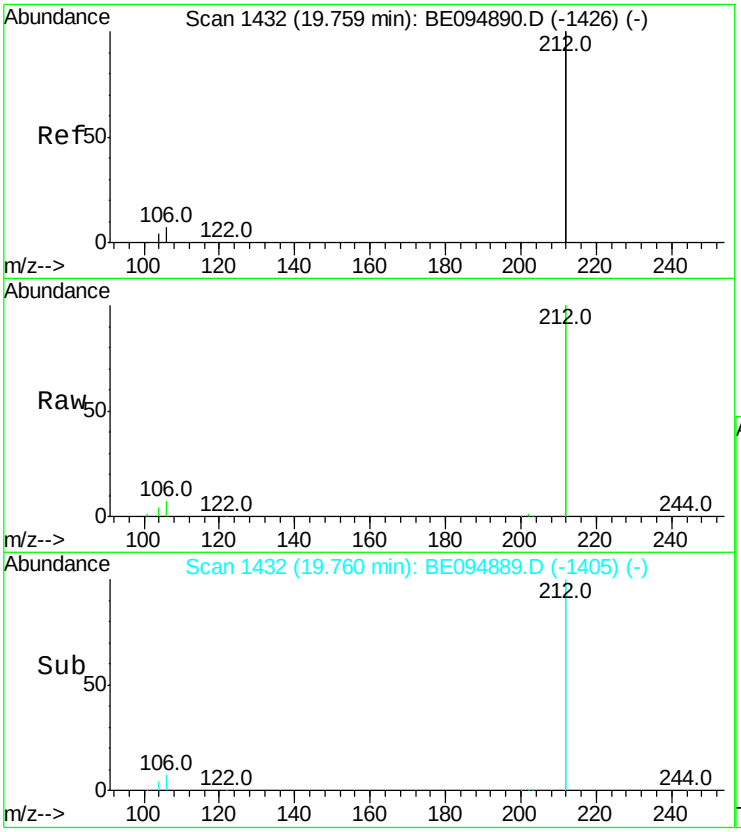


#24
Anthracene
Concen: 0.222 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:178 Resp: 17308

Ion	Ratio	Lower	Upper
178	100		
176	22.3	12.8	19.2#
179	21.0	13.0	19.6#



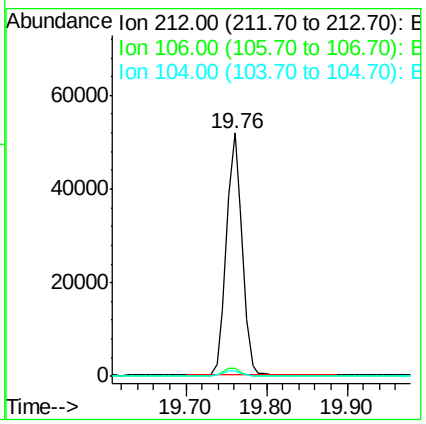


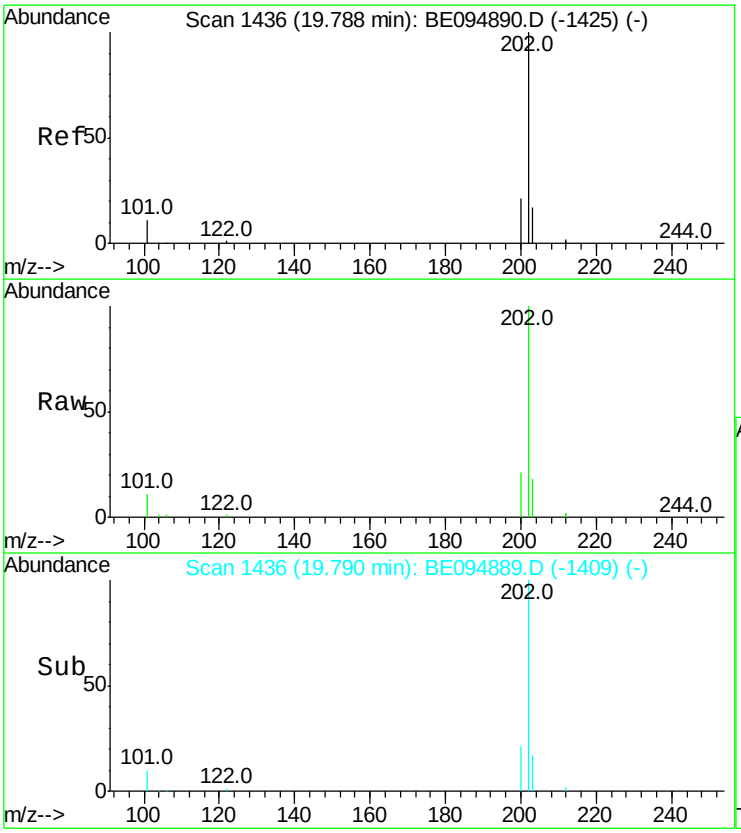
#25
Fluoranthene-d10
Concen: 0.173 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 70095

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

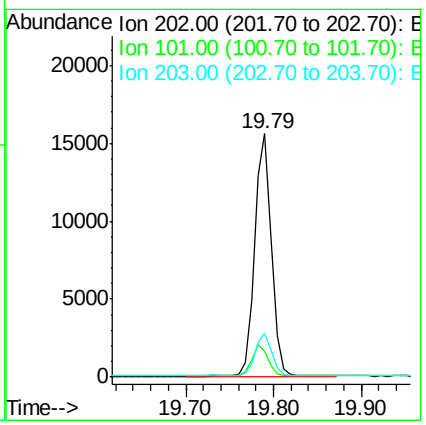


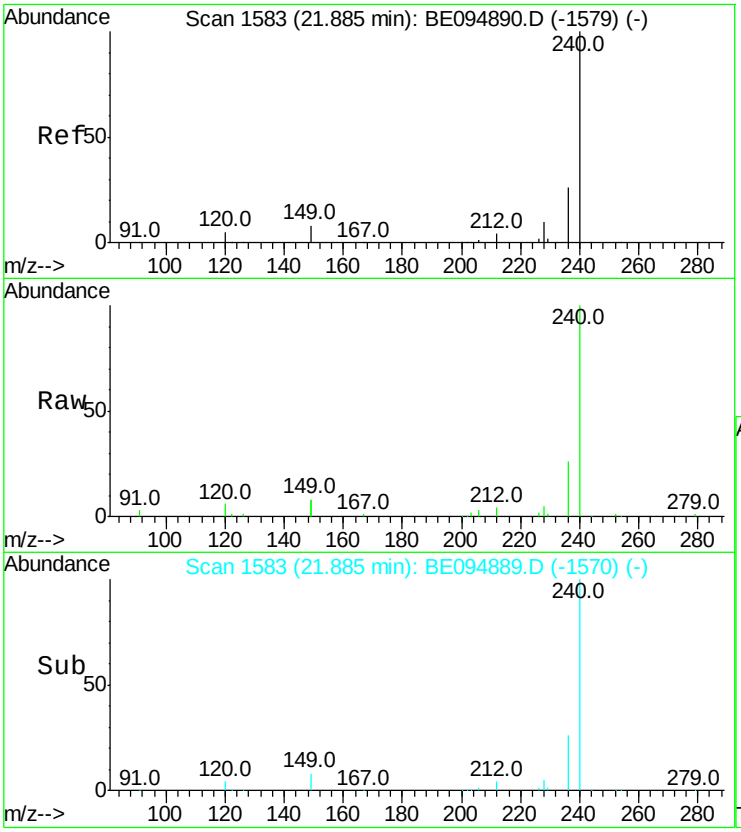


#26
Fluoranthene
Concen: 0.167 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:202 Resp: 20712

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
203	17.0	13.7	20.5



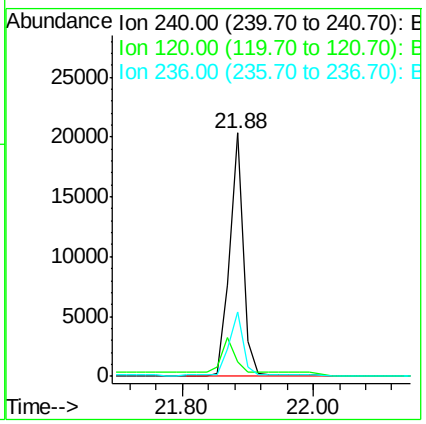


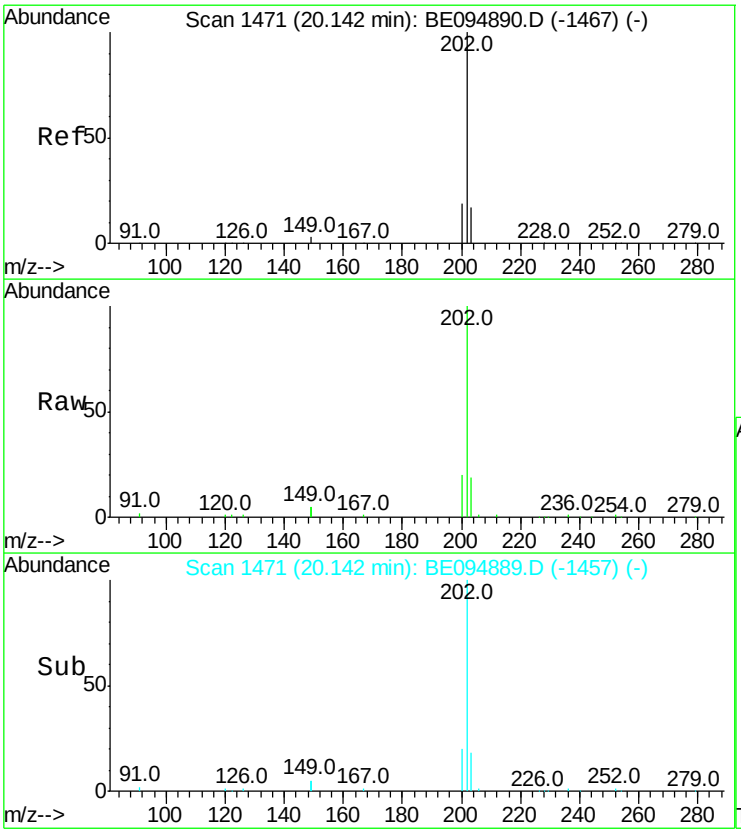
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 31291

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.5	8.3
236	26.3	20.7	31.1

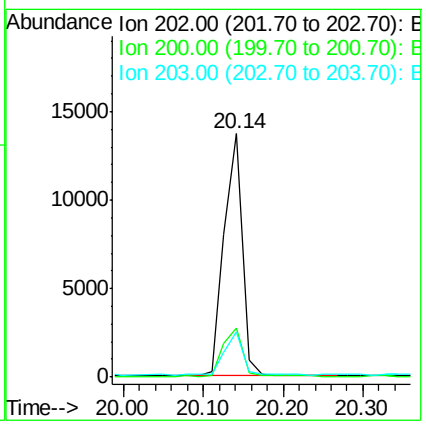


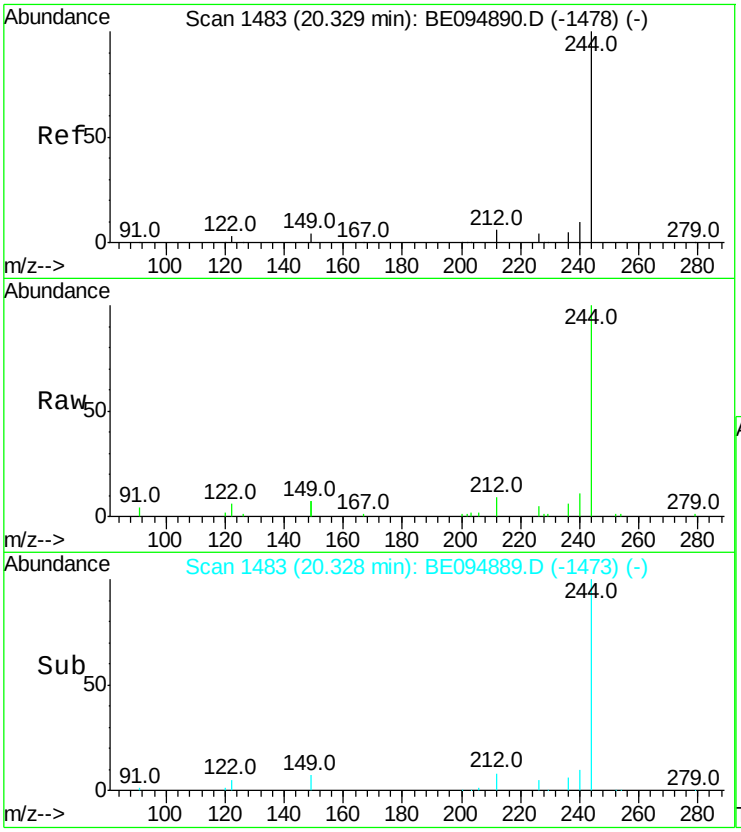


#28
Pyrene
Concen: 0.196 ng
RT: 20.14 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:202 Resp: 21500

Ion	Ratio	Lower	Upper
202	100		
200	24.4	16.6	25.0
203	18.5	13.8	20.8



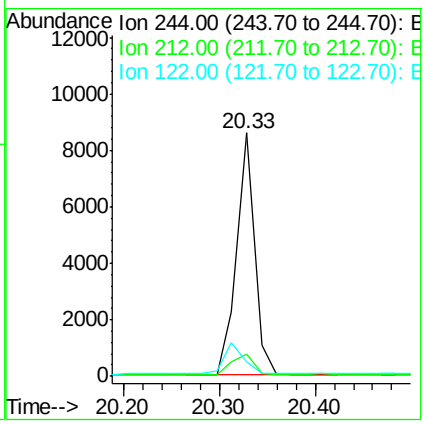


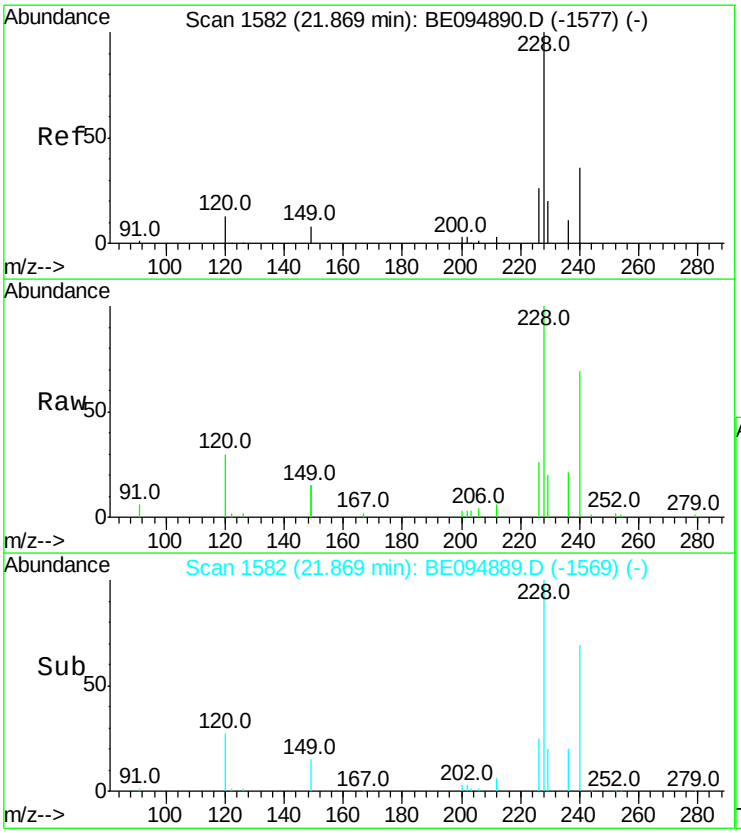
#29
Terphenyl-d14
Concen: 0.189 ng
RT: 20.33 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 11171

Ion	Ratio	Lower	Upper
244	100		
212	8.9	25.4	38.0#
122	5.9	8.1	12.1#

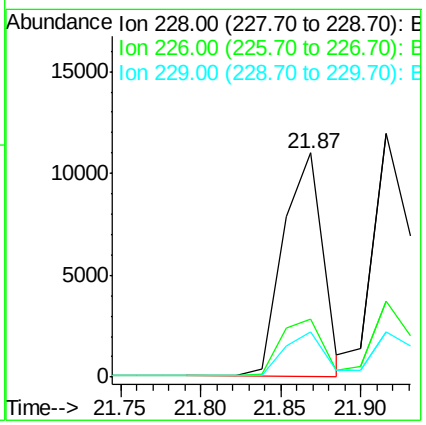


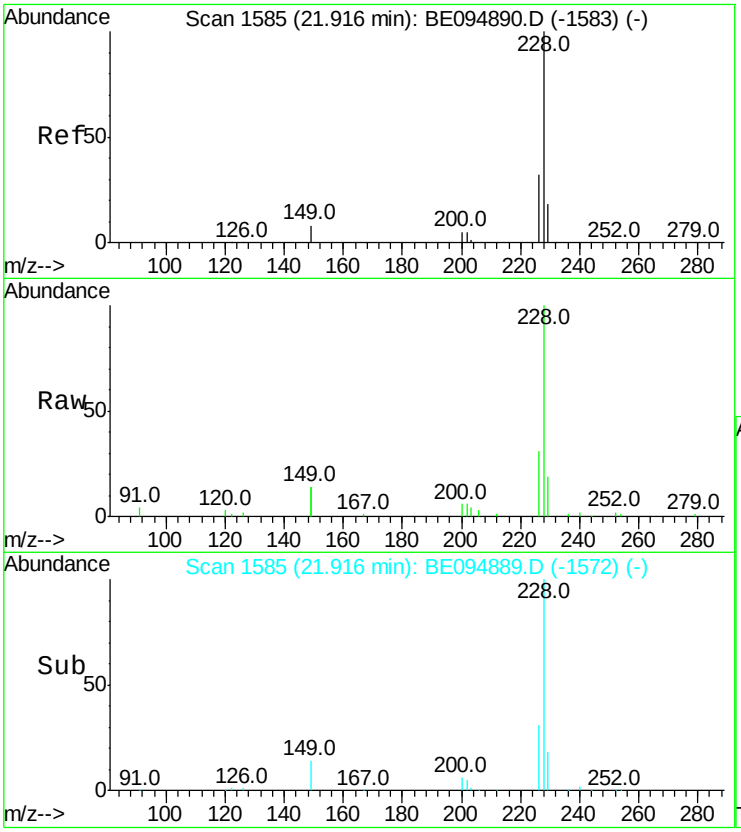


#30
Benzo(a)anthracene
Concen: 0.185 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:228 Resp: 18892

Ion	Ratio	Lower	Upper
228	100		
226	25.9	40.0	60.0#
229	20.2	40.0	60.0#



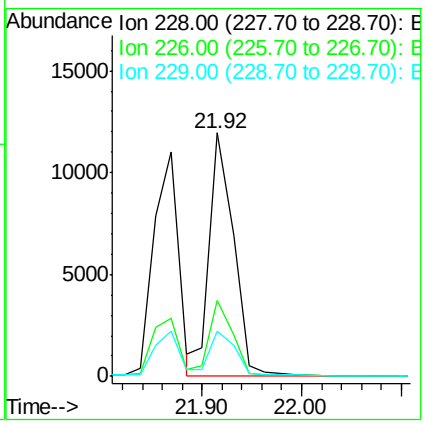


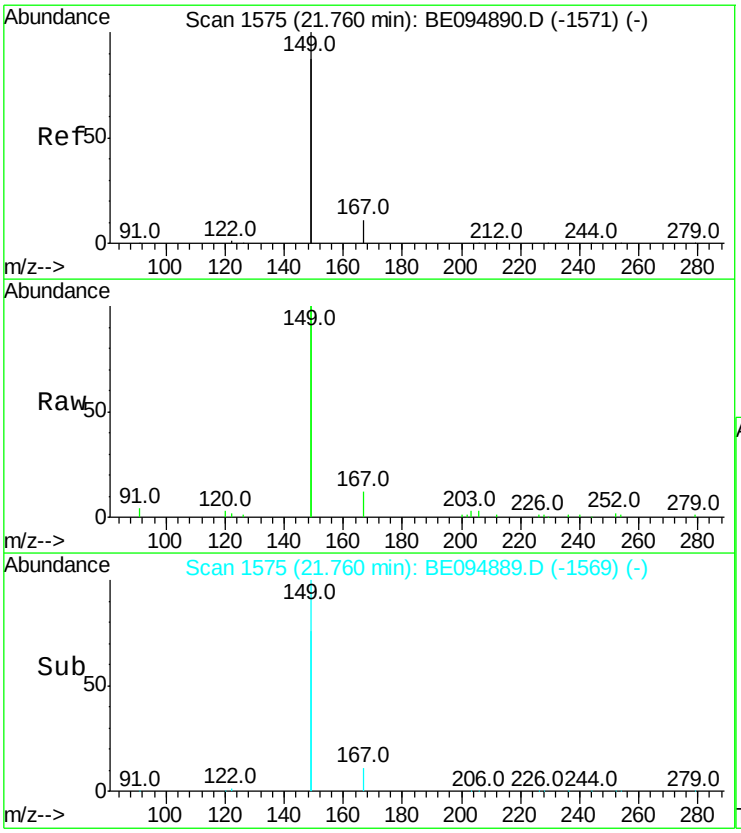
#31
Chrysene
Concen: 0.206 ng
RT: 21.92 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 21316

Ion	Ratio	Lower	Upper
228	100		
226	31.3	40.0	60.0#
229	18.6	40.0	60.0#

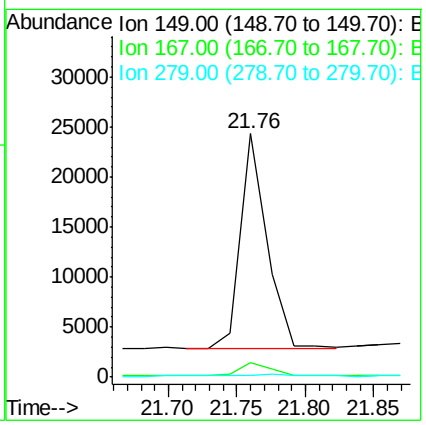


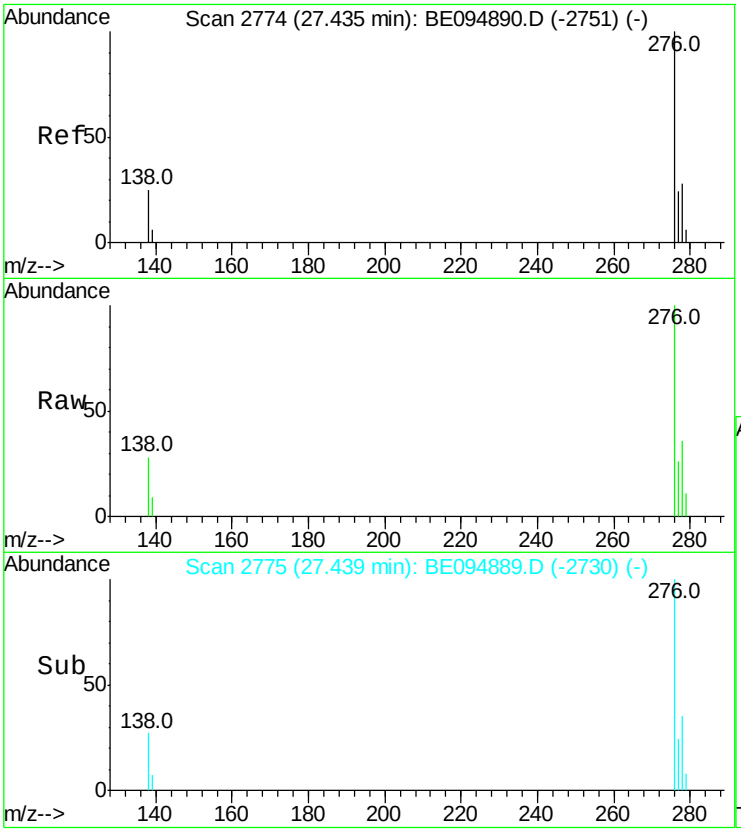


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.115 ng
RT: 21.76 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:149 Resp: 28603

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	0.9	0.7	1.1



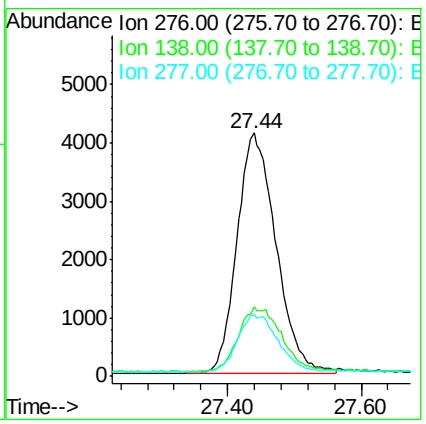


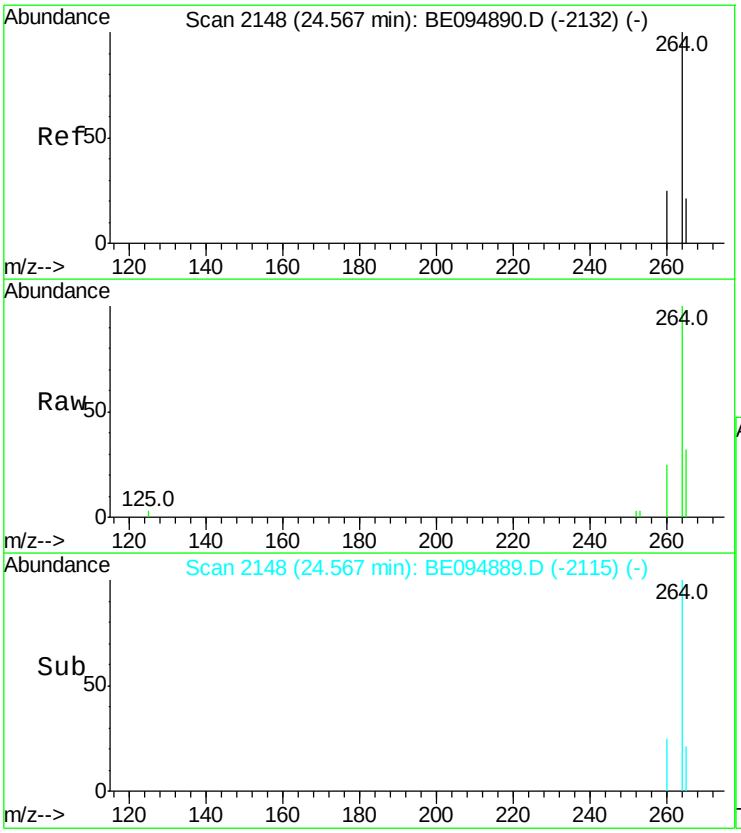
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng
RT: 27.44 min Scan# 2775
Delta R.T. 0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 16691

Ion	Ratio	Lower	Upper
276	100		
138	29.1	22.5	33.7
277	24.9	19.9	29.9

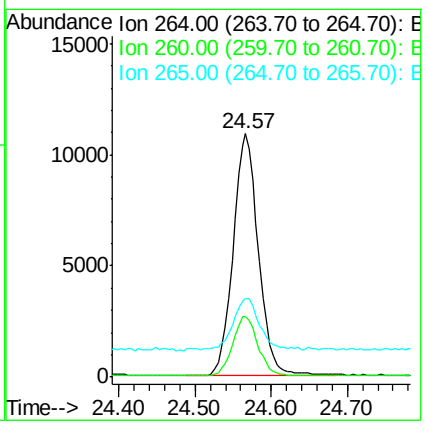


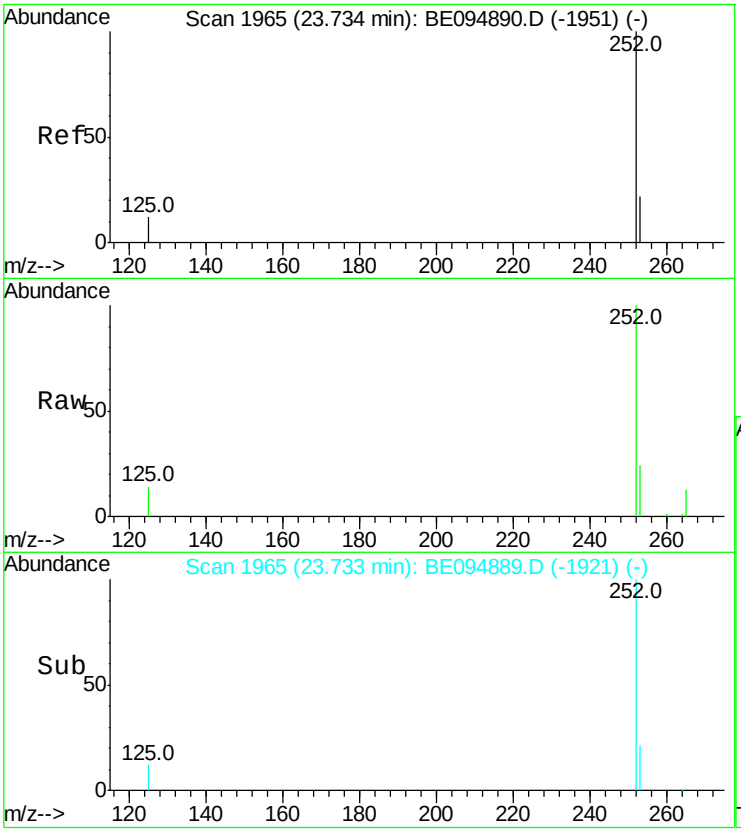


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:264 Resp: 25115

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	32.1	22.8	34.2



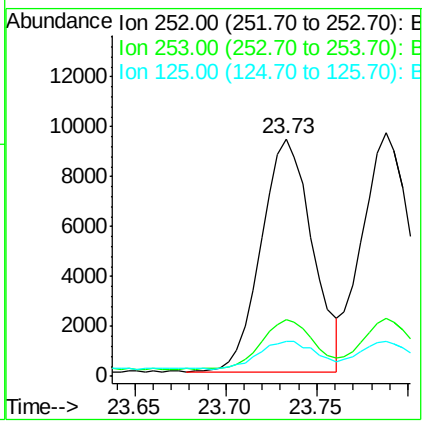


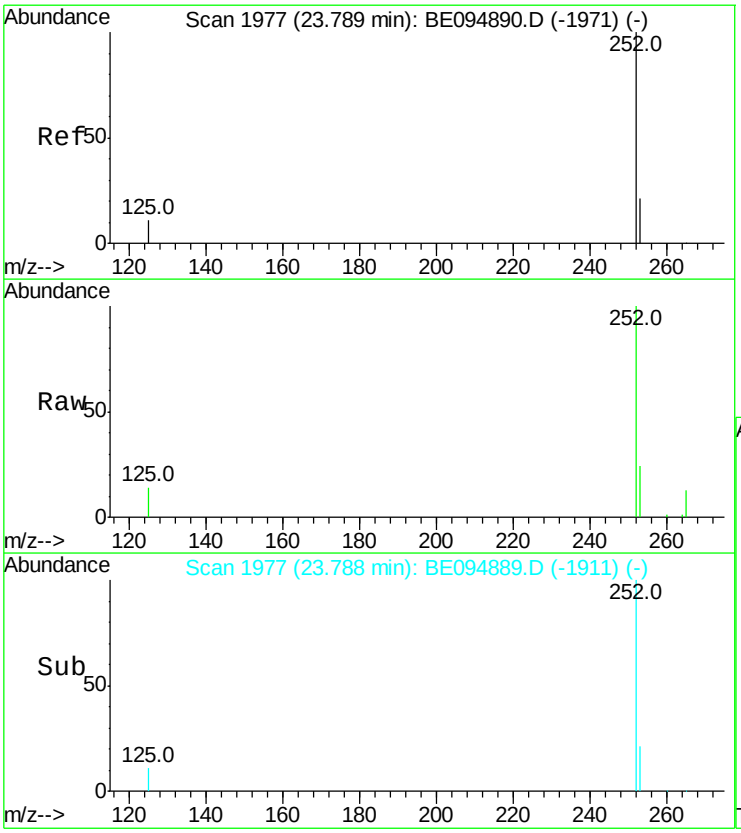
#35
Benzo(b)fluoranthene
Concen: 0.226 ng
RT: 23.73 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 18365

Ion	Ratio	Lower	Upper
252	100		
253	23.7	48.0	72.0#
125	14.5	56.0	84.0#

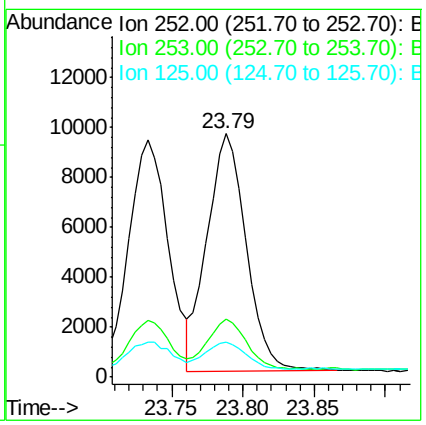


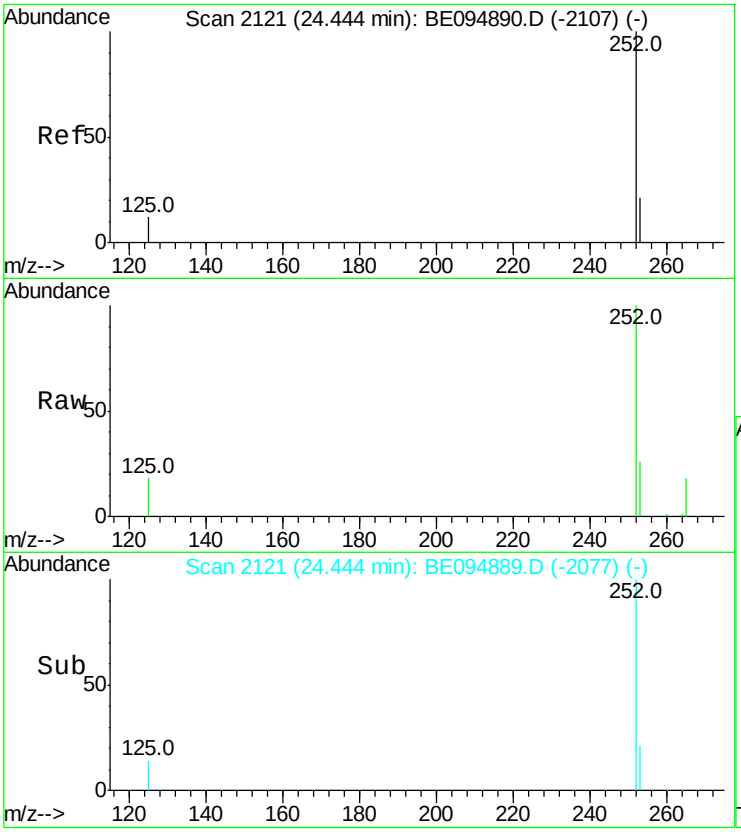


#36
Benzo(k)fluoranthene
Concen: 0.210 ng
RT: 23.79 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:252 Resp: 18146

Ion	Ratio	Lower	Upper
252	100		
253	23.8	48.0	72.0#
125	14.3	56.0	84.0#



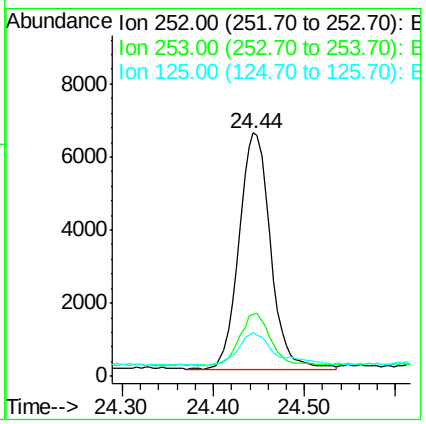


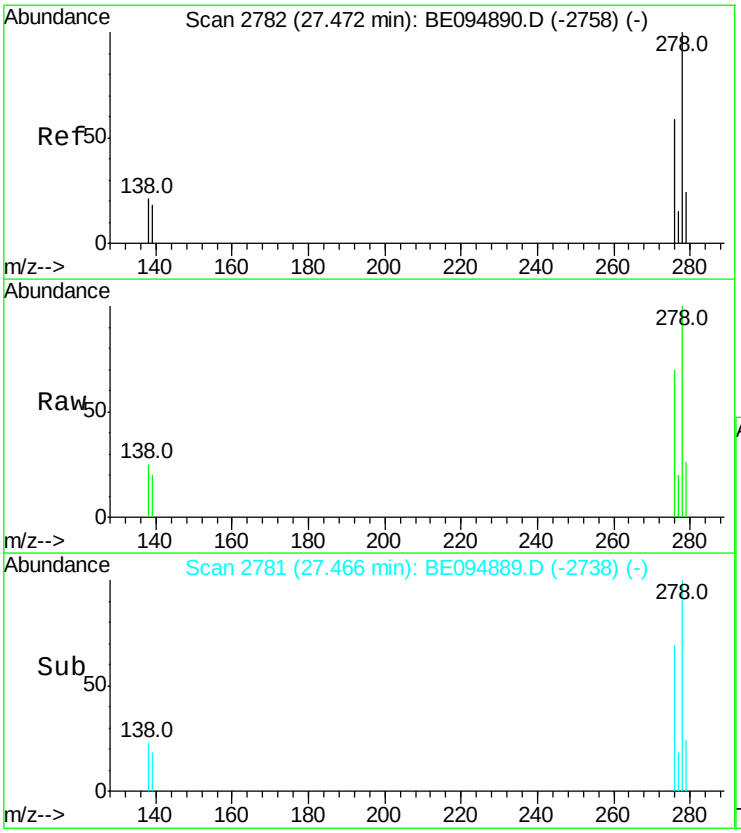
#37
Benzo(a)pyrene
Concen: 0.197 ng
RT: 24.44 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 15563

Ion	Ratio	Lower	Upper
252	100		
253	25.5	52.0	78.0#
125	18.1	68.0	102.0#

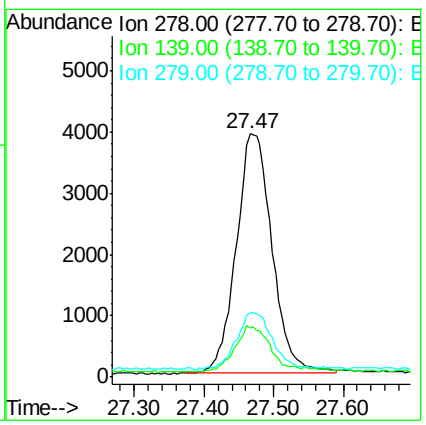


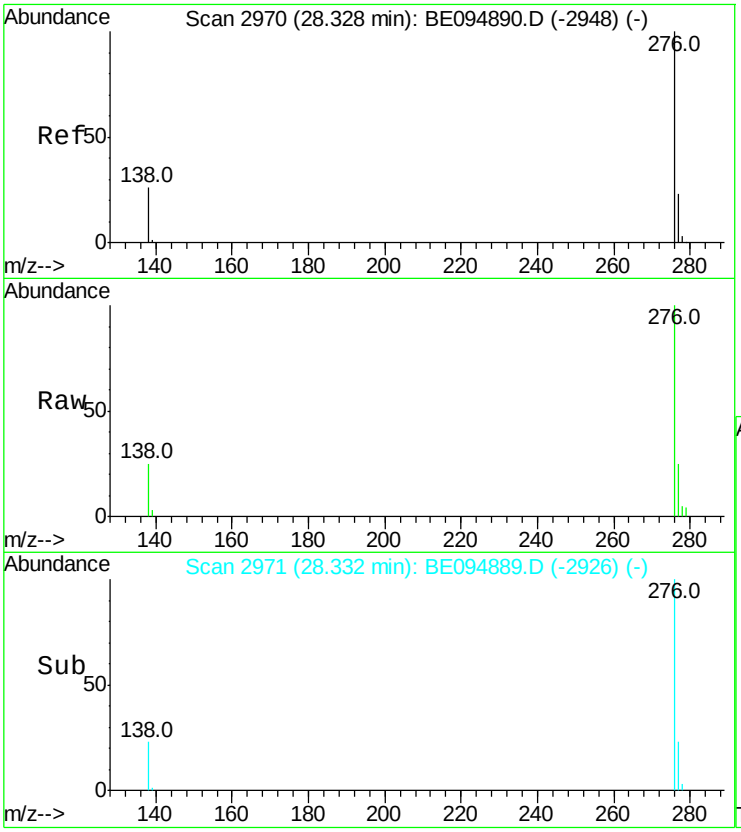


#38
Dibenzo(a,h)anthracene
Concen: 0.198 ng
RT: 27.47 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Tgt Ion:278 Resp: 14026

Ion	Ratio	Lower	Upper
278	100		
139	20.1	56.0	84.0#
279	26.4	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.215 ng
RT: 28.33 min Scan# 2971
Delta R.T. 0.00 min
Lab File: BE094889.D
Acq: 30 Nov 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 14274

Ion	Ratio	Lower	Upper
276	100		
277	24.7	52.0	78.0#
138	25.4	44.0	66.0#