Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
Data File : BE094892.D
Acq On : 30 Nov 2017 15:00
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Nov 30 15:48:31 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 15:30:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	8346	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	18244	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	10507	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	25079	0.40	ng		0.00
27) Chrysene-d12	21.89	240	30612	0.40	ng		0.00
34) Perylene-d12	24.57	264	23617	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	21441	0.75	ng		0.00
5) Phenol-d6	7.59	99	32333	0.75	ng		0.00
8) Nitrobenzene-d5	9.66	82	19372	1.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	49066	1.68	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	3945	1.36	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	73039	1.97	ng		0.00
25) Fluoranthene-d10	19.76	212	572852	1.95	ng		0.00
29) Terphenyl-d14	20.33	244	94030	1.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	13574	0.961	ng	#	86
3) n-Nitrosodimethylamine	4.01	42	19070	1.410	ng	#	78
6) bis(2-Chloroethyl)ether	7.88	93	31448	0.942	ng		99
9) Naphthalene	11.38	128	353523	1.712	ng		99
10) Hexachlorobutadiene	11.64	225	14881	1.992	ng		96
12) 2-Methylnaphthalene	12.94	142	85824	2.450	ng		96
16) Acenaphthylene	14.79	152	99407	1.792	ng		99
17) Acenaphthene	15.14	154	63339	1.778	ng		97
18) Fluorene	16.10	166	80478	1.763	ng	#	78
20) 4-Bromophenyl-phenylether	16.97	248	23811	1.742	ng	#	64
21) Hexachlorobenzene	17.09	284	23124	1.930	ng	#	78
22) Pentachlorophenol	17.43	266	6096	3.981	ng	#	70
23) Phenanthrene	17.82	178	133446	1.865	ng		98
24) Anthracene	17.91	178	139757	1.896	ng	#	95
26) Fluoranthene	19.79	202	175350	1.969	ng		100
28) Pyrene	20.14	202	177440	1.657	ng		99
30) Benzo(a)anthracene	21.87	228	155579	1.561	ng	#	61
31) Chrysene	21.92	228	171198	1.692	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.76	149	266621	1.091	ng	#	100
33) Indeno(1,2,3-cd)pyrene	27.45	276	143432	1.534	ng		99
35) Benzo(b)fluoranthene	23.73	252	142262	1.862	ng	#	39
36) Benzo(k)fluoranthene	23.79	252	149206	1.833	ng	#	39
37) Benzo(a)pyrene	24.44	252	128881	1.739	ng	#	32
38) Dibenzo(a,h)anthracene	27.47	278	122111	1.835	ng	#	42
39) Benzo(g,h,i)perylene	28.34	276	118389	1.901	ng	#	52

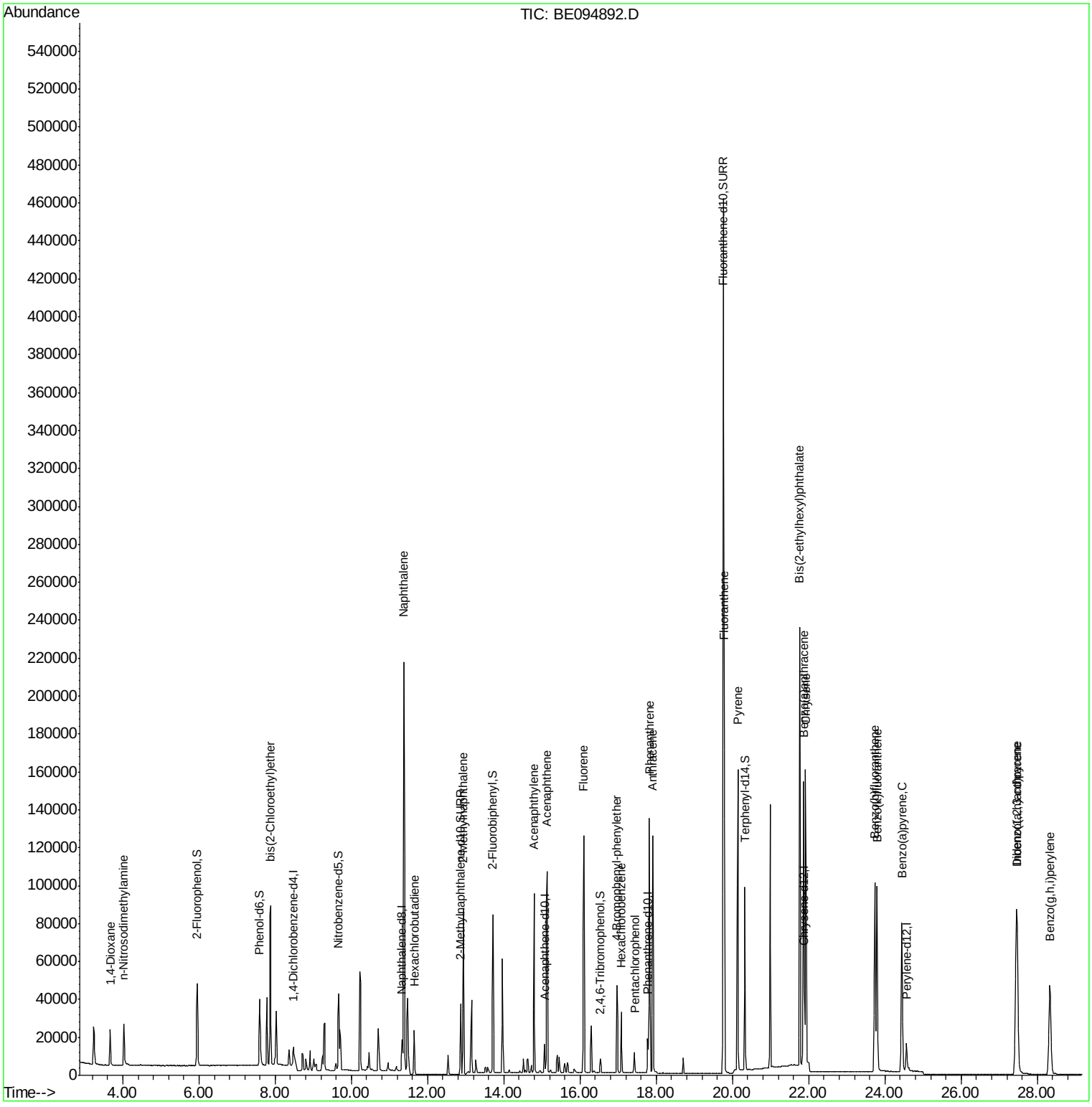
(#) = qualifier out of range (m) = manual integration (+) = signals summed

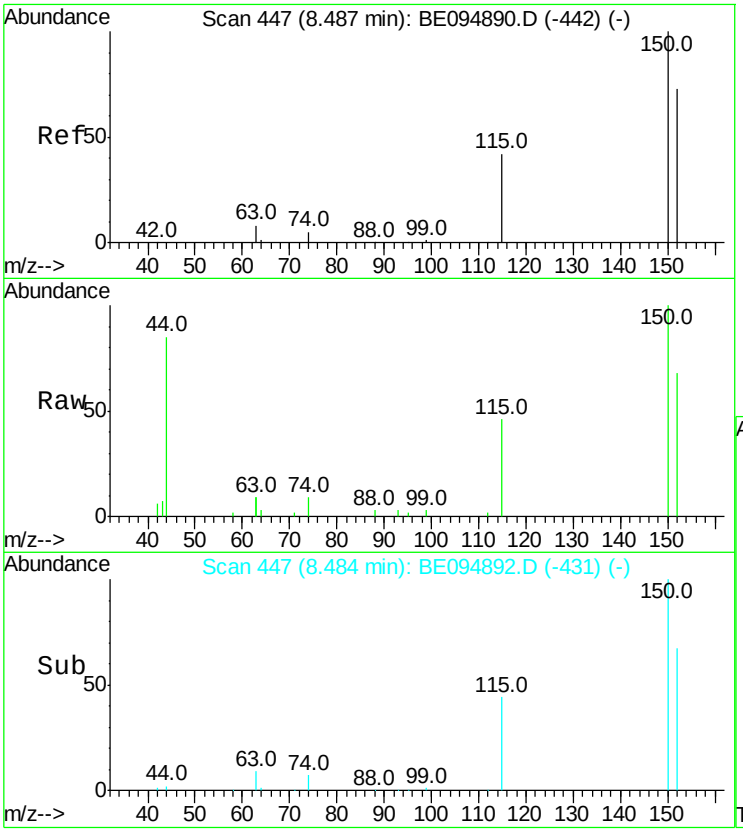
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
Data File : BE094892.D
Acq On : 30 Nov 2017 15:00
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Nov 30 15:48:31 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 15:30:59 2017
Response via : Initial Calibration



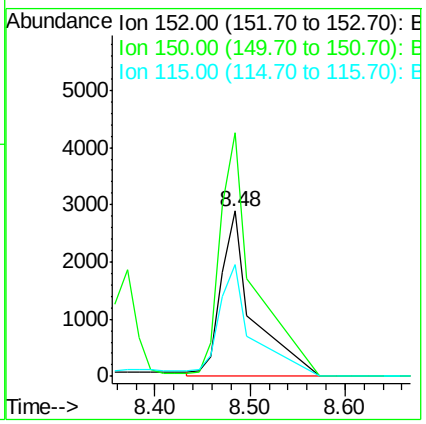


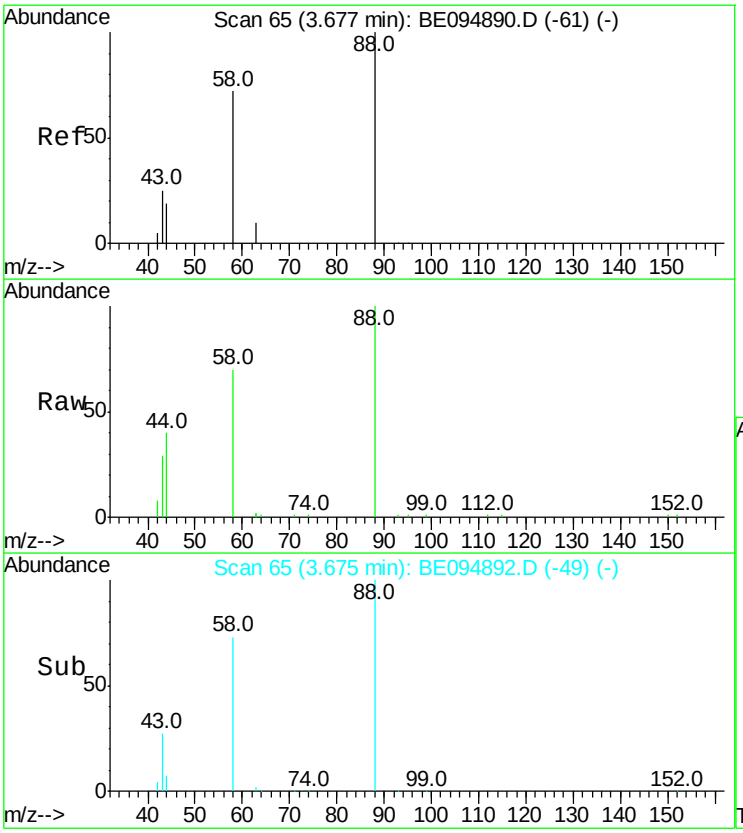
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 8346

Ion	Ratio	Lower	Upper
152	100		
150	147.5	117.2	175.8
115	67.5	57.0	85.6

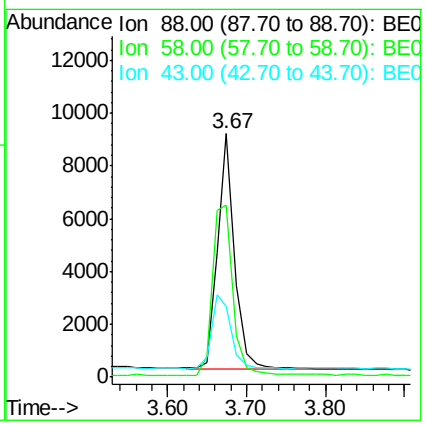


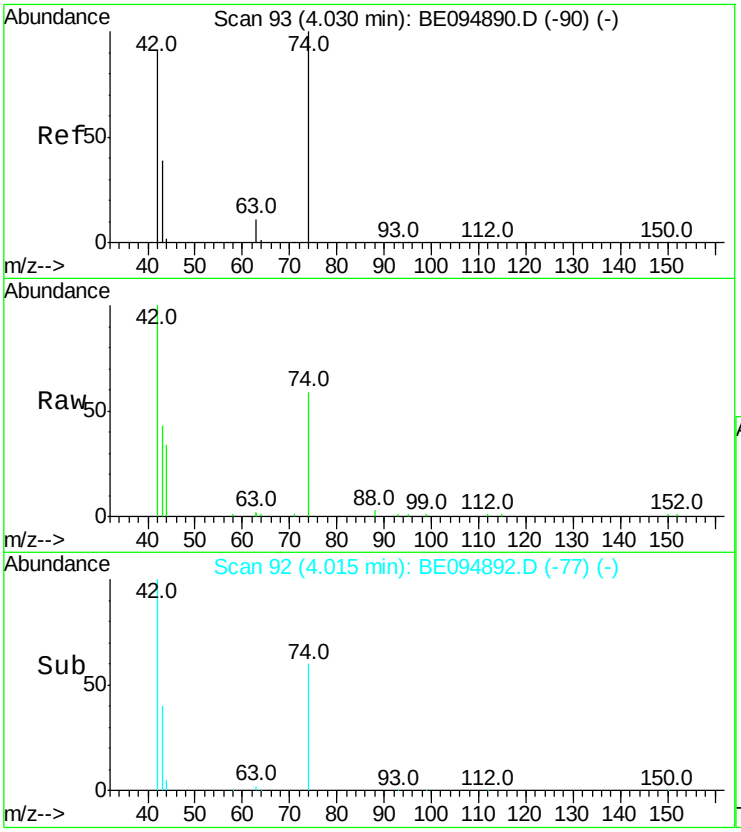


#2
1,4-Dioxane
Concen: 0.961 ng
RT: 3.67 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion: 88 Resp: 13574

Ion	Ratio	Lower	Upper
88	100		
58	86.4	63.2	94.8
43	35.6	41.2	61.8#



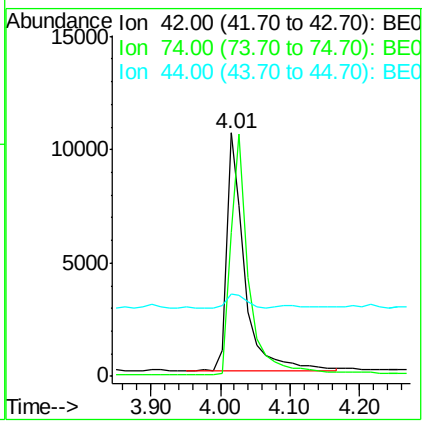


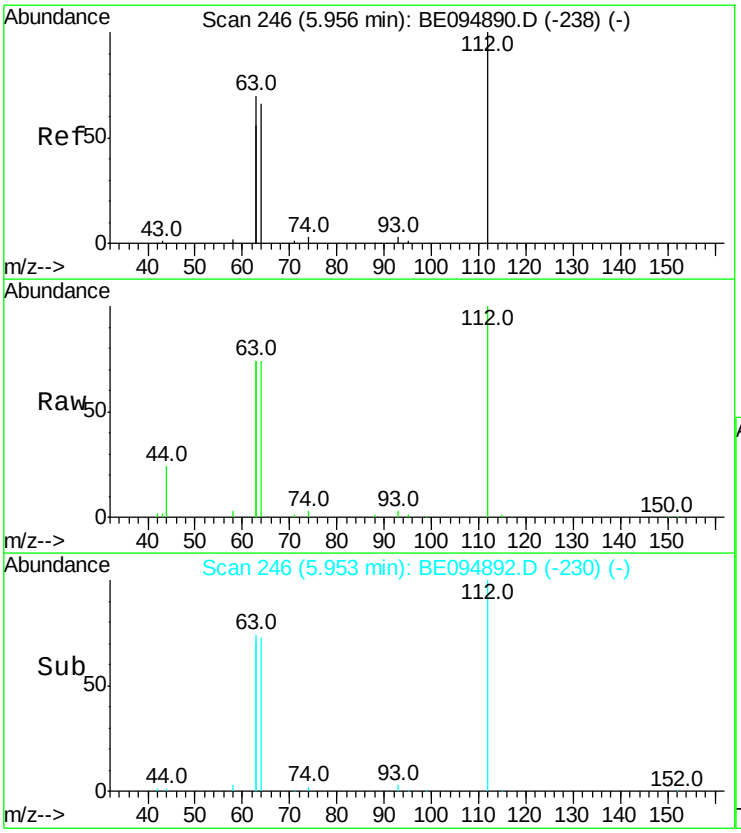
#3
n-Nitrosodimethylamine
Concen: 1.410 ng
RT: 4.01 min Scan# 92
Delta R.T. -0.02 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 19070

Ion	Ratio	Lower	Upper
42	100		
74	102.1	100.3	150.5
44	7.1	17.0	25.4#

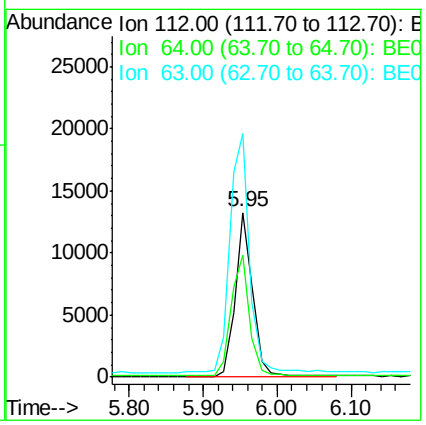


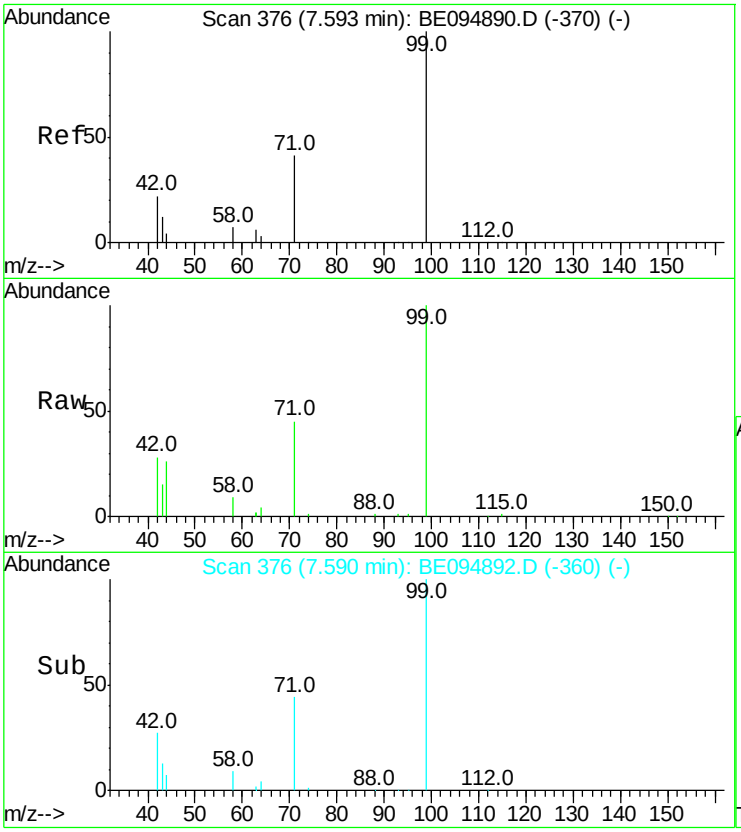


#4
2-Fluorophenol
Concen: 0.750 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:112 Resp: 21441

Ion	Ratio	Lower	Upper
112	100		
64	78.1	60.1	90.1
63	162.0	116.8	175.2



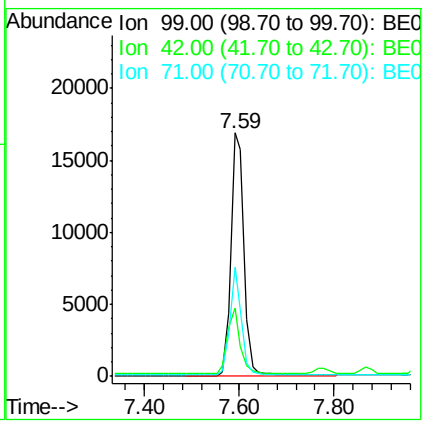


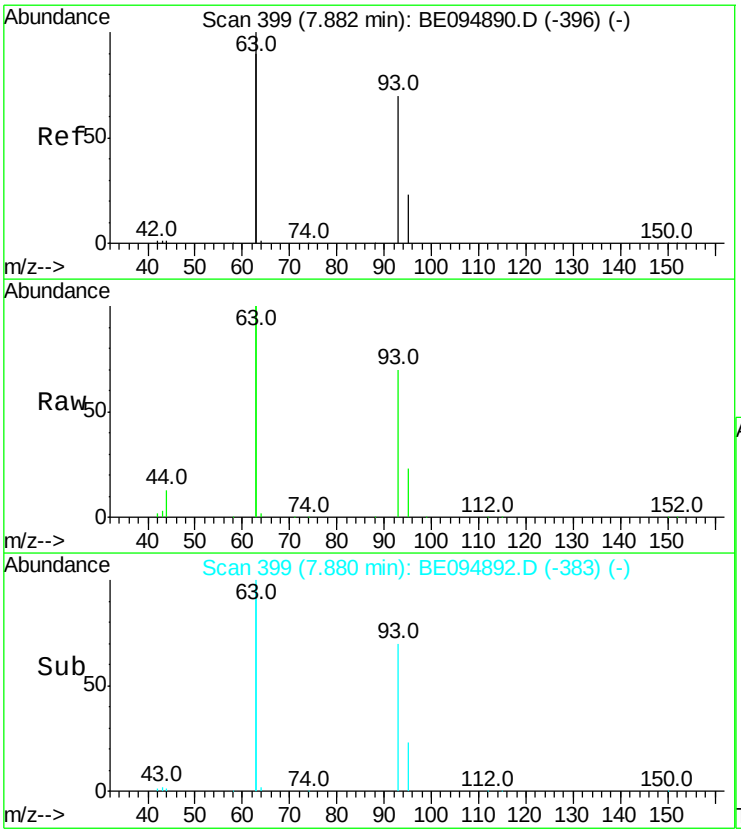
#5
Phenol-d6
Concen: 0.749 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 32333

Ion	Ratio	Lower	Upper
99	100		
42	26.5	20.2	30.2
71	39.3	28.4	42.6

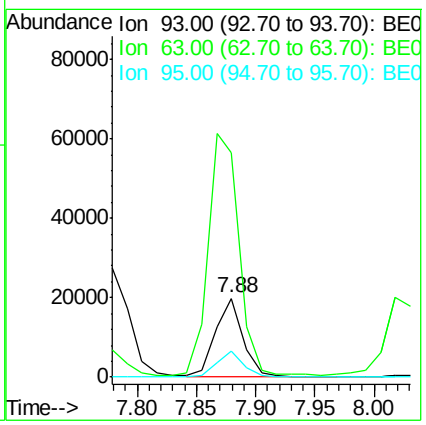


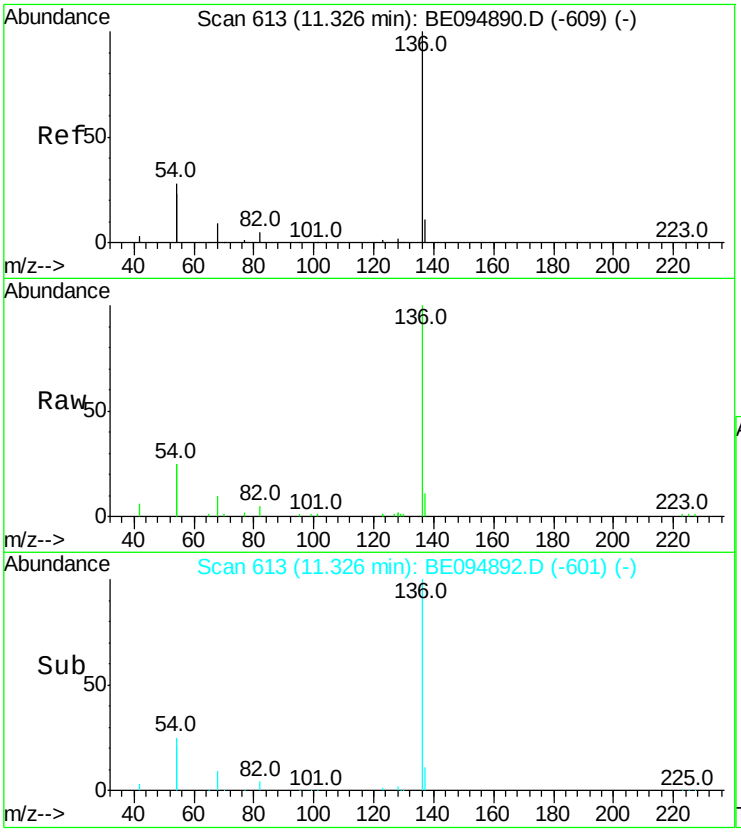


#6
bis(2-Chloroethyl)ether
Concen: 0.942 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion: 93 Resp: 31448

Ion	Ratio	Lower	Upper
93	100		
63	346.3	275.3	412.9
95	31.8	25.2	37.8



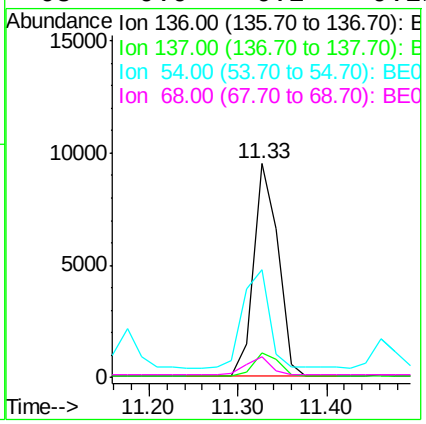


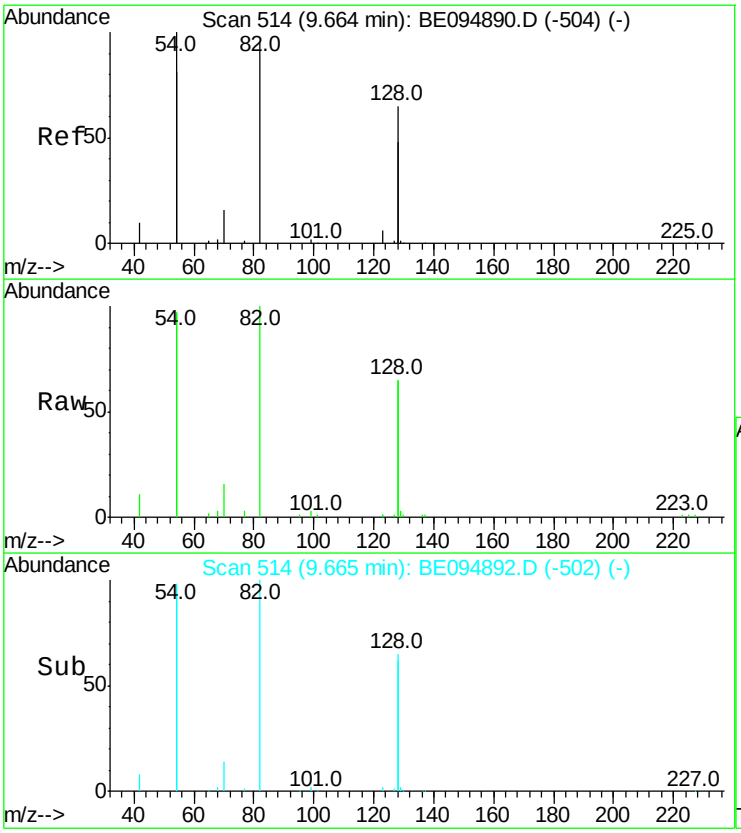
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 18244

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	50.3	29.1	43.7#
68	9.9	6.2	9.2#

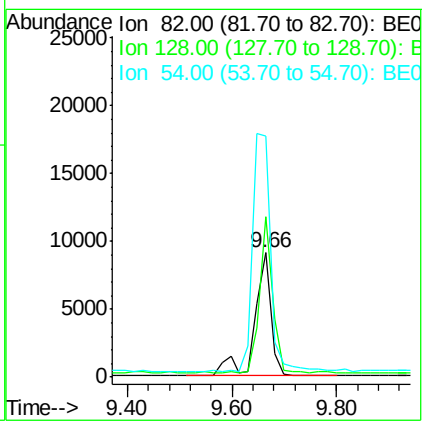


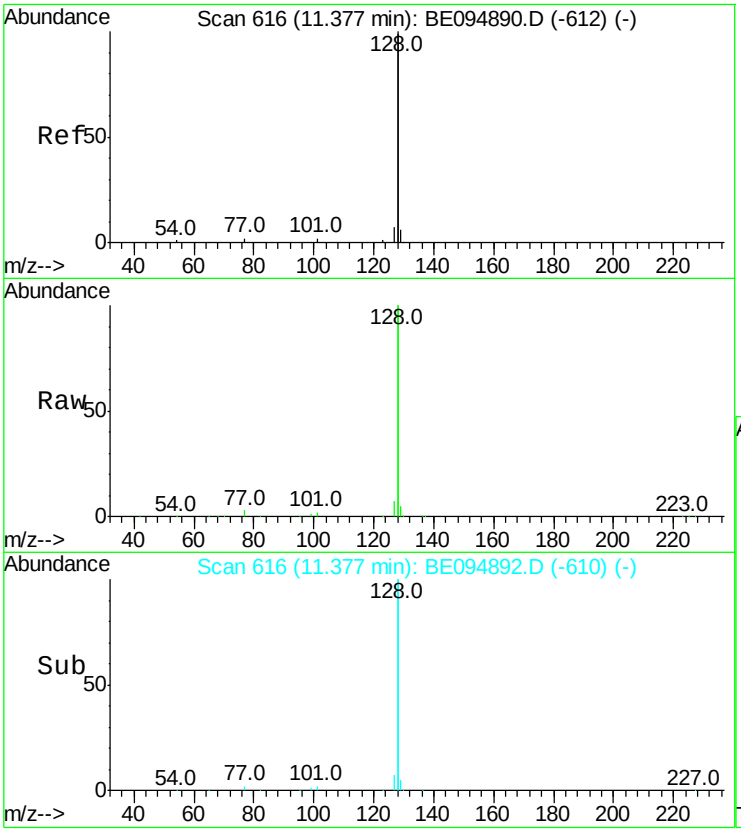


#8
Nitrobenzene-d5
Concen: 1.330 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion: 82 Resp: 19372

Ion	Ratio	Lower	Upper
82	100		
128	129.6	150.0	225.0#
54	194.3	154.2	231.4



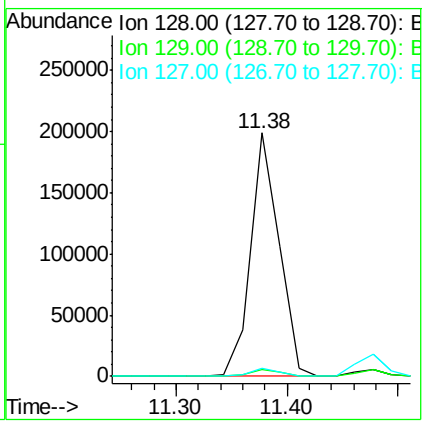


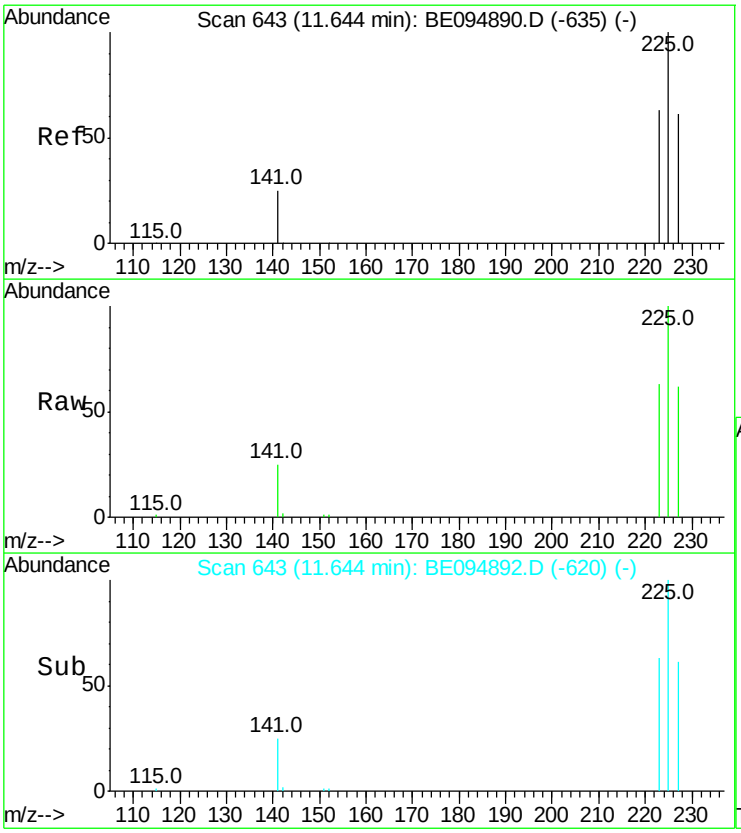
#9
Naphthalene
Concen: 1.712 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 353523

Ion	Ratio	Lower	Upper
128	100		
129	2.6	2.6	3.8
127	3.3	2.8	4.2

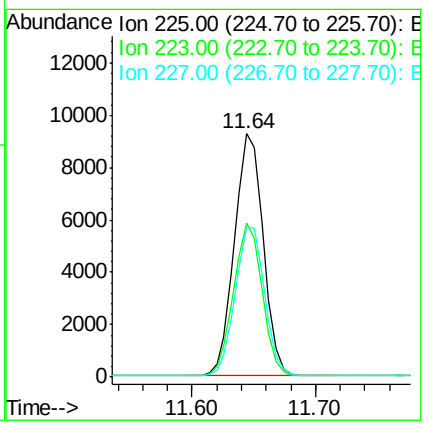


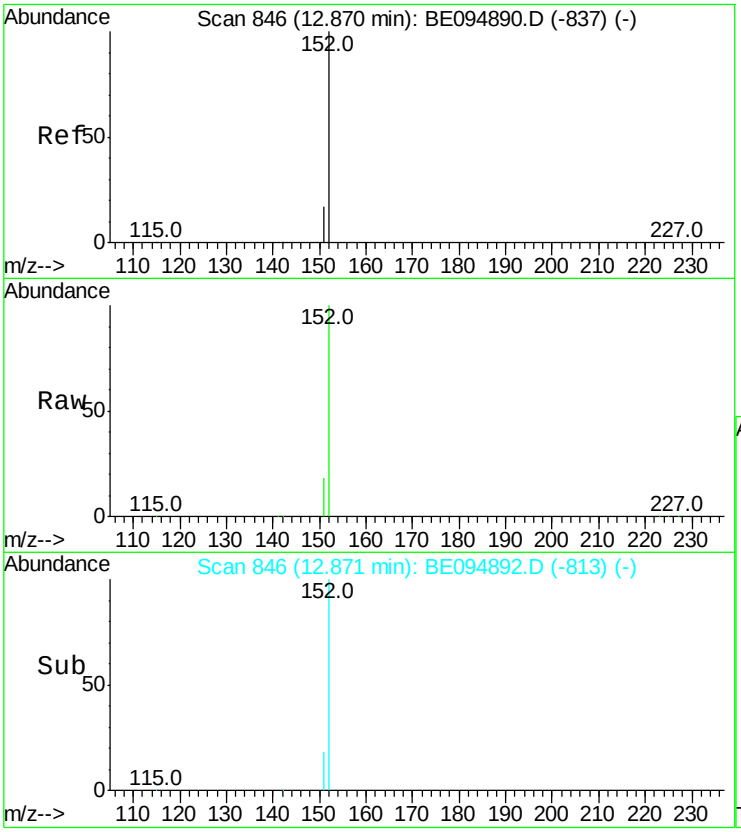


#10
Hexachlorobutadiene
Concen: 1.992 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:225 Resp: 14881

Ion	Ratio	Lower	Upper
225	100		
223	62.4	53.0	79.6
227	62.7	51.4	77.2



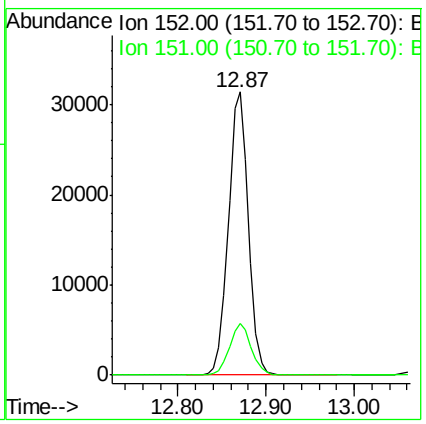


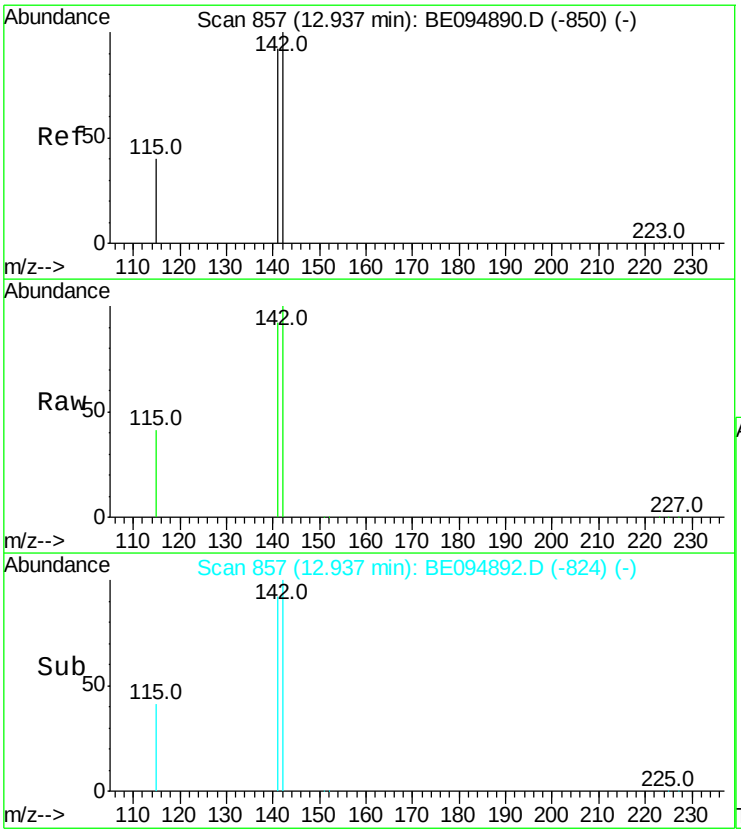
#11
2-Methylnaphthalene-d10
Concen: 1.676 ng
RT: 12.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 49066

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

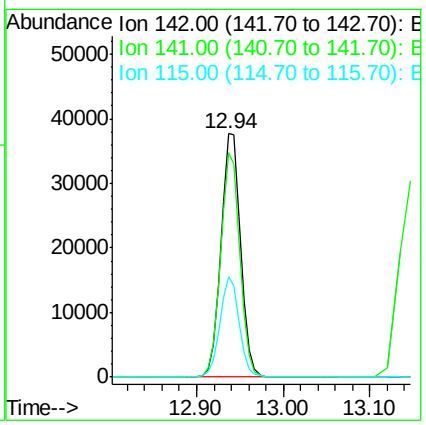


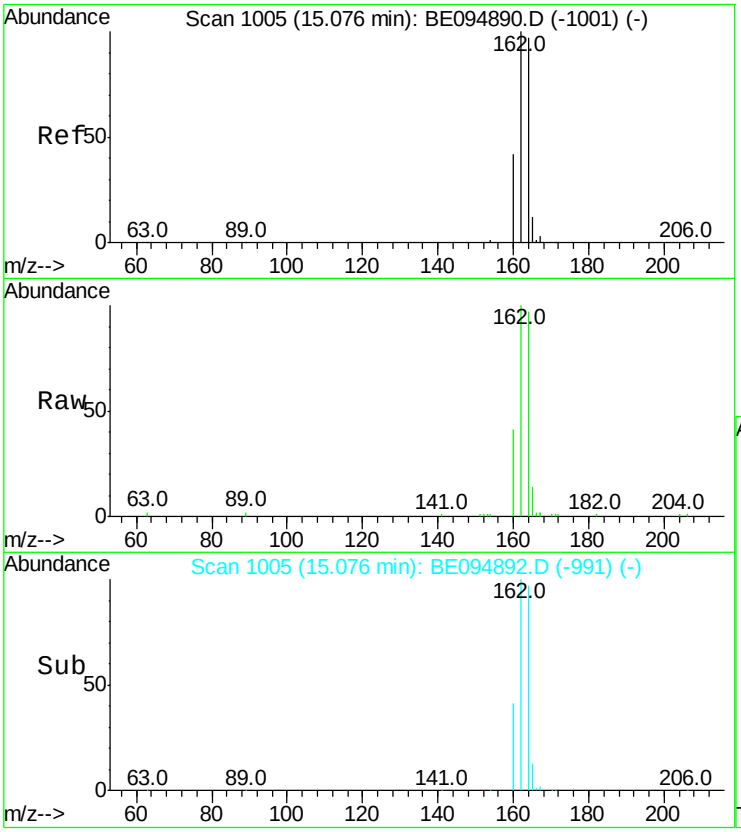


#12
2-Methylnaphthalene
Concen: 2.450 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:142 Resp: 85824

Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.4	105.6
115	41.0	31.7	47.5



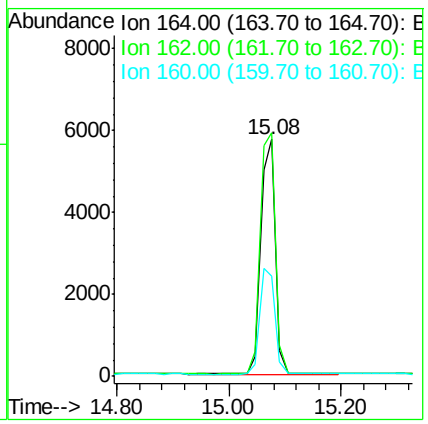


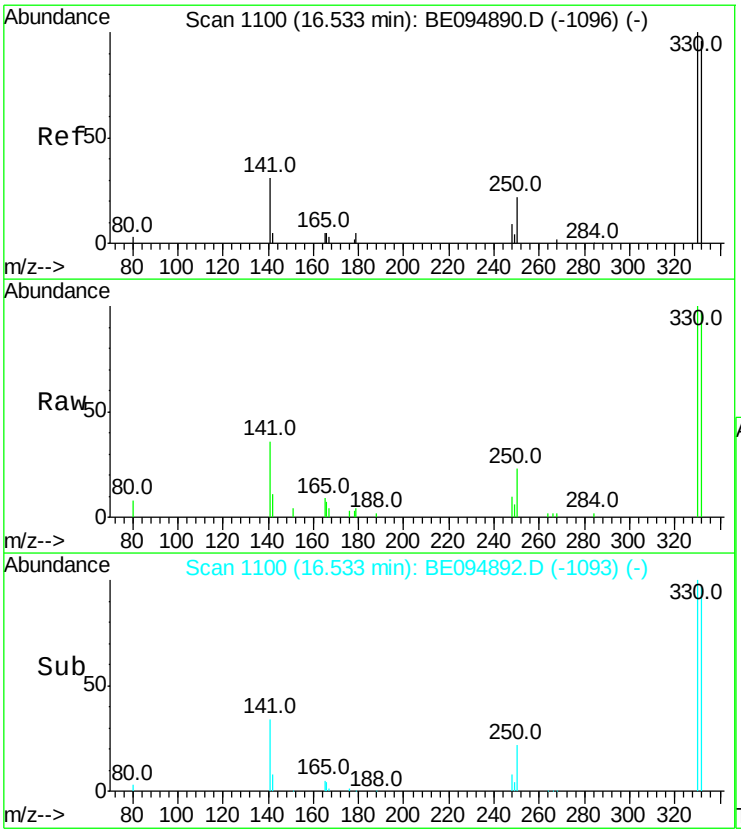
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 10507

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.1	124.7
160	42.6	37.1	55.7

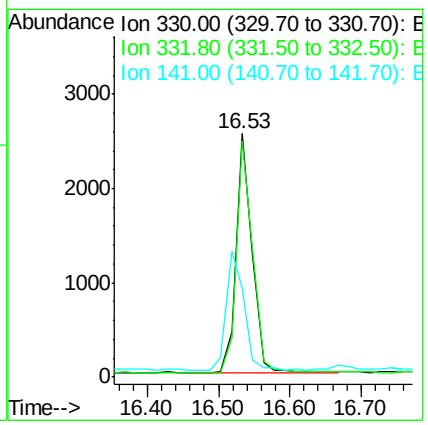


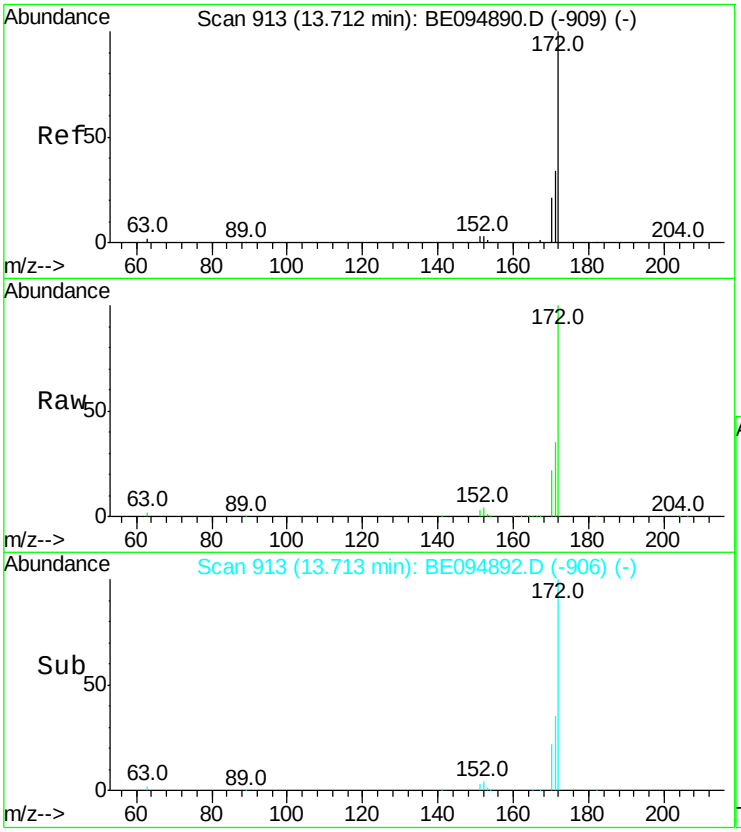


#14
2,4,6-Tribromophenol
Concen: 1.361 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:330 Resp: 3945

Ion	Ratio	Lower	Upper
330	100		
332	98.5	152.7	229.1#
141	54.8	33.7	50.5#



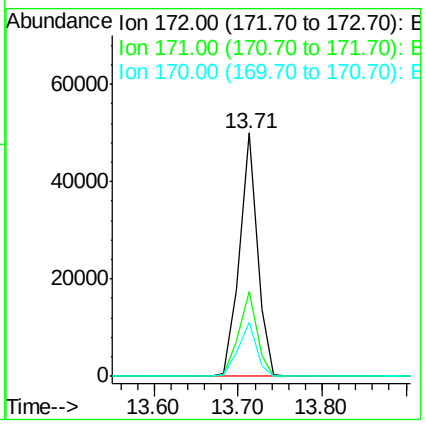


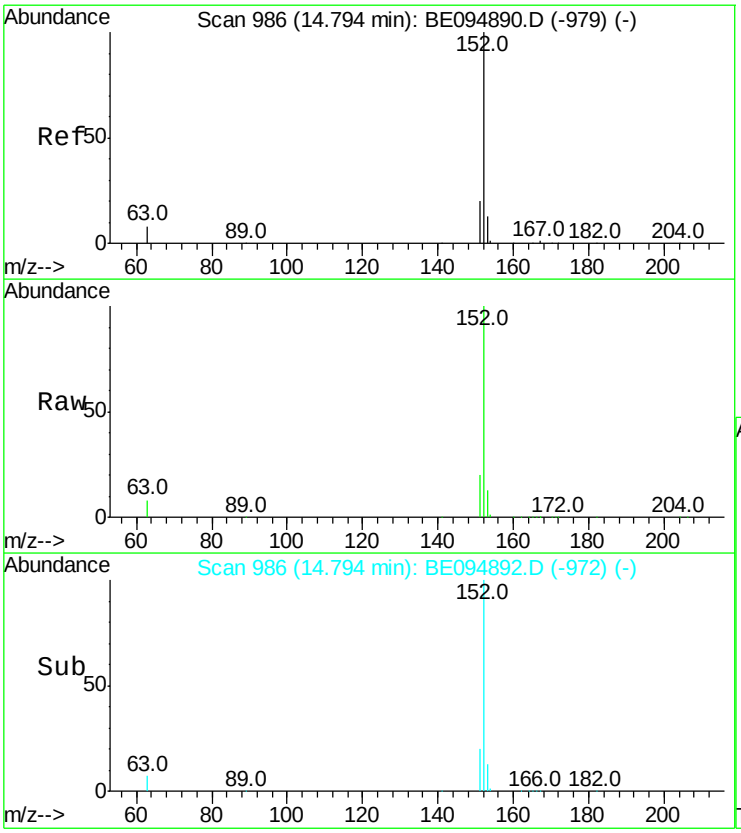
#15
2-Fluorobiphenyl
Concen: 1.972 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 73039

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.9	44.9
170	22.0	21.8	32.8

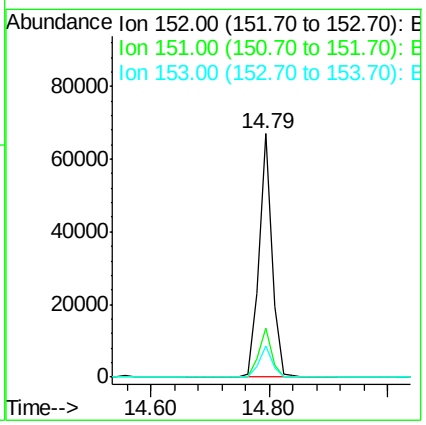


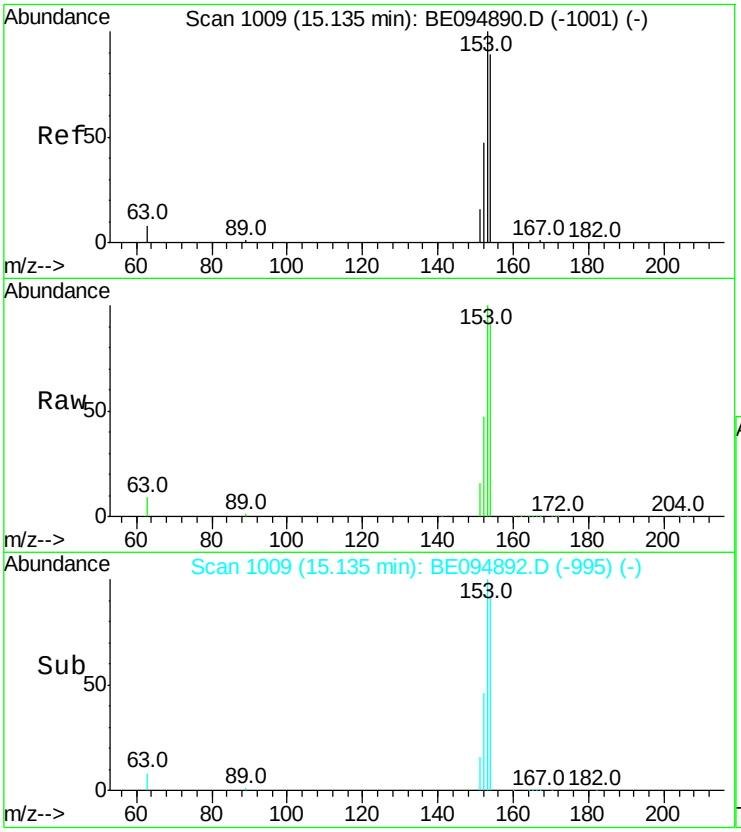


#16
Acenaphthylene
Concen: 1.792 ng
RT: 14.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:152 Resp: 99407

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.7	10.5	15.7



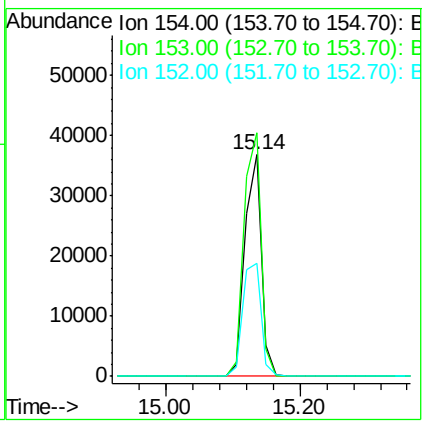


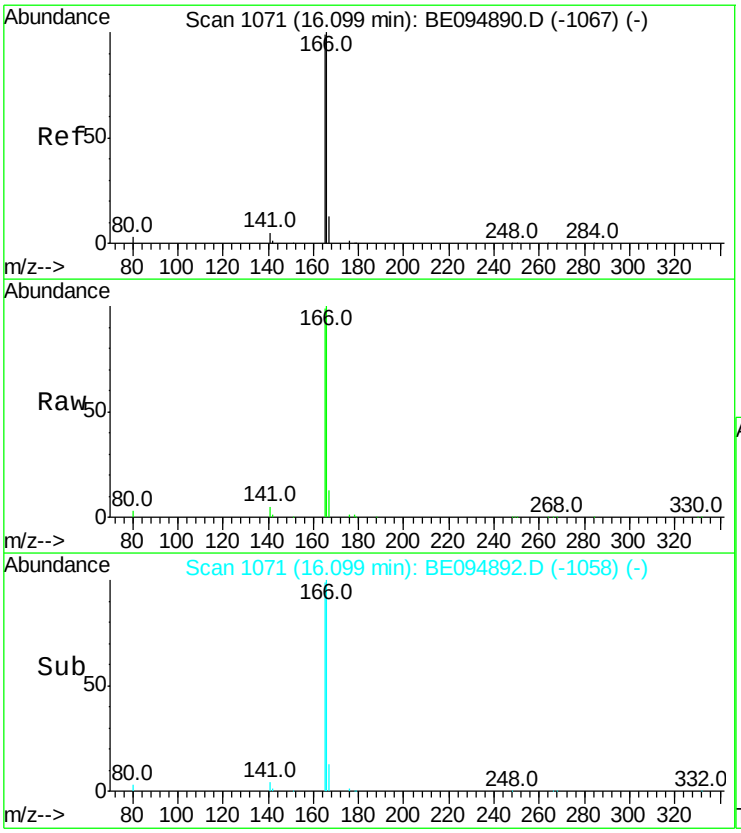
#17
Acenaphthene
Concen: 1.778 ng
RT: 15.14 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 63339

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.2	133.8
152	56.5	42.0	63.0

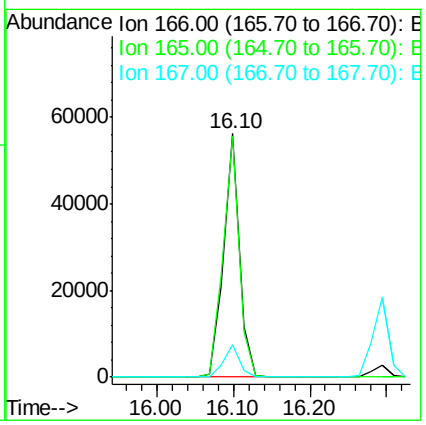


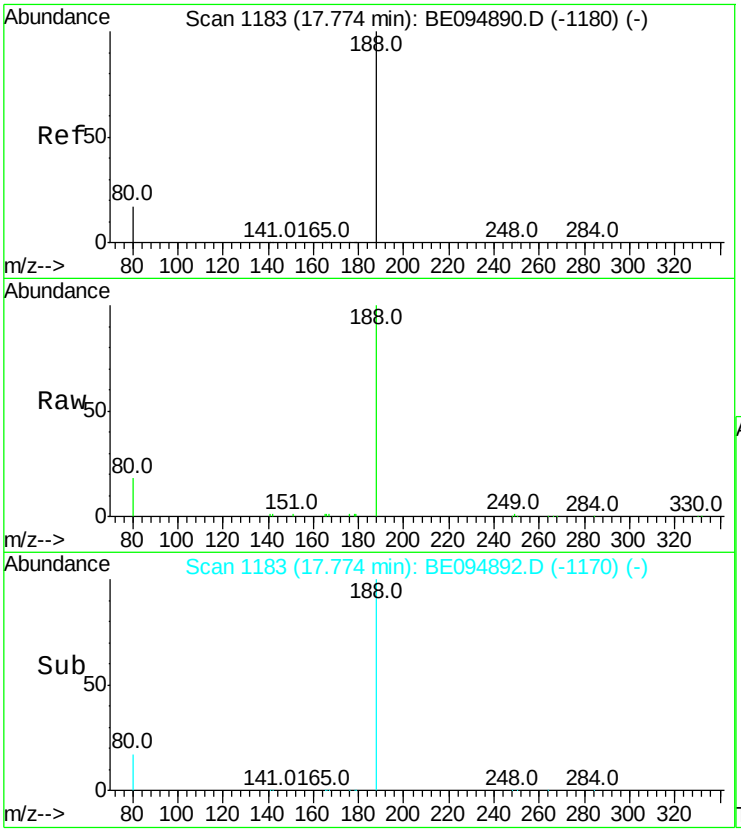


#18
Fluorene
Concen: 1.763 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:166 Resp: 80478

Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.8	116.6
167	13.2	42.4	63.6#



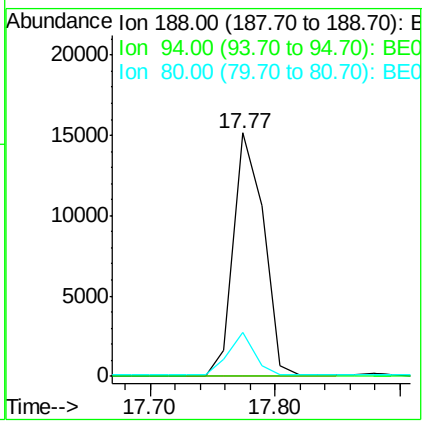


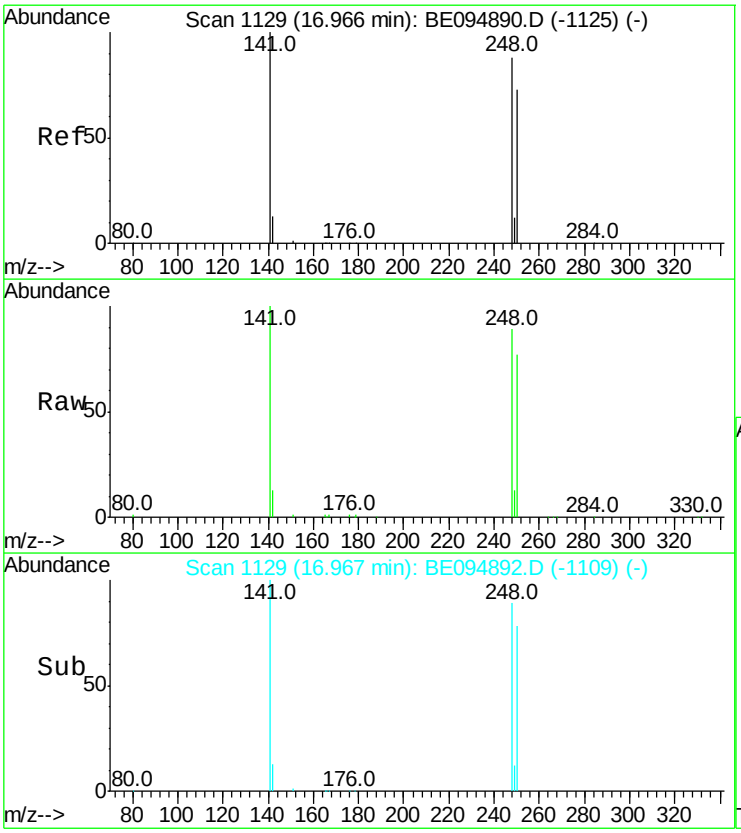
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 25079

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	17.9	3.6	5.4#

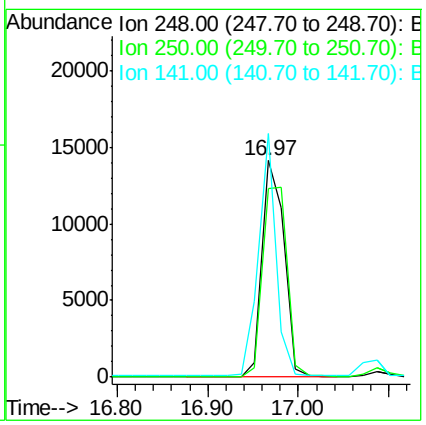


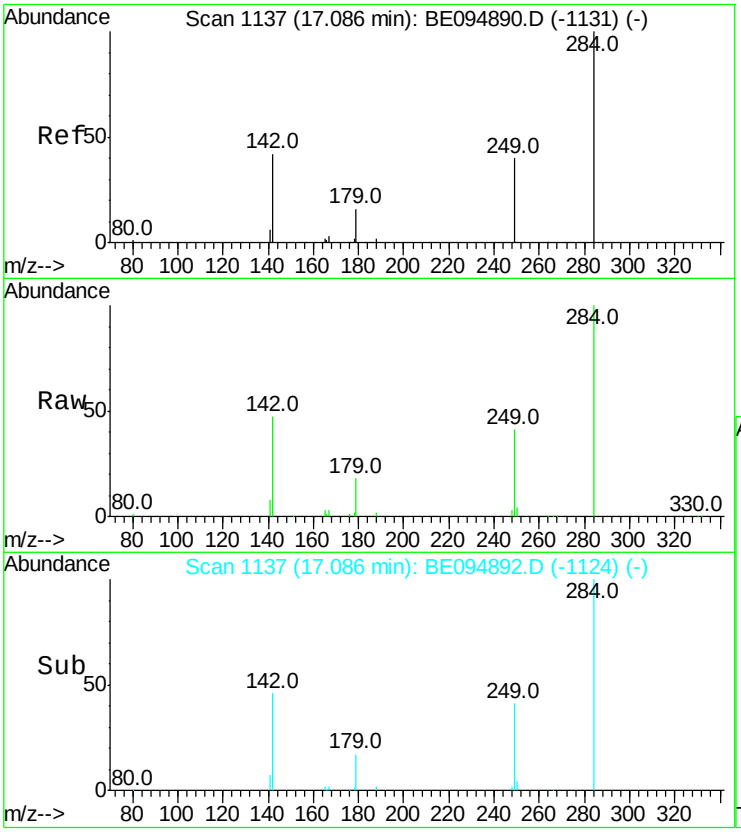


#20
4-Bromophenyl-phenylether
Concen: 1.742 ng
RT: 16.97 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:248 Resp: 23811

Ion	Ratio	Lower	Upper
248	100		
250	87.1	62.7	94.1
141	112.4	48.2	72.2#



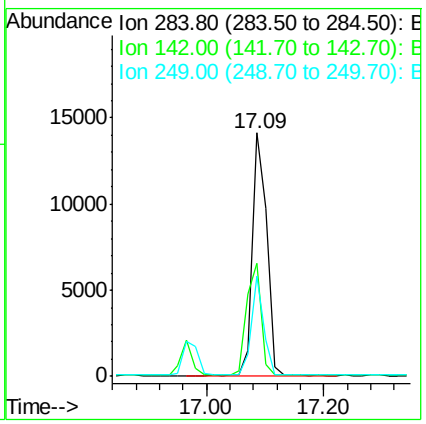


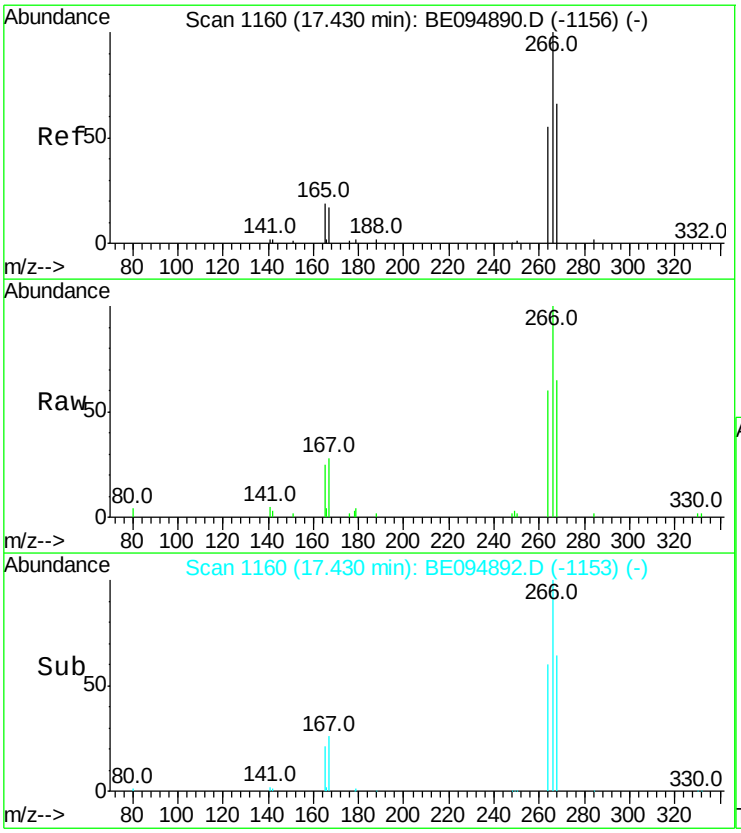
#21
Hexachlorobenzene
Concen: 1.930 ng
RT: 17.09 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 23124

Ion	Ratio	Lower	Upper
284	100		
142	47.0	22.1	33.1#
249	35.2	34.8	52.2

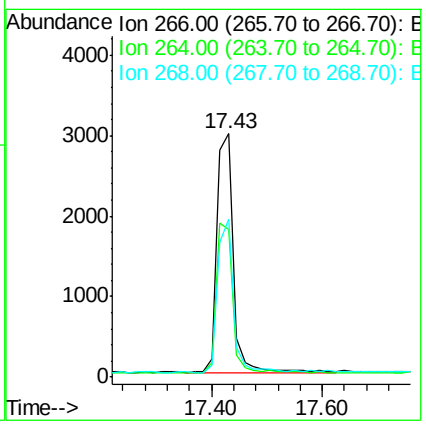


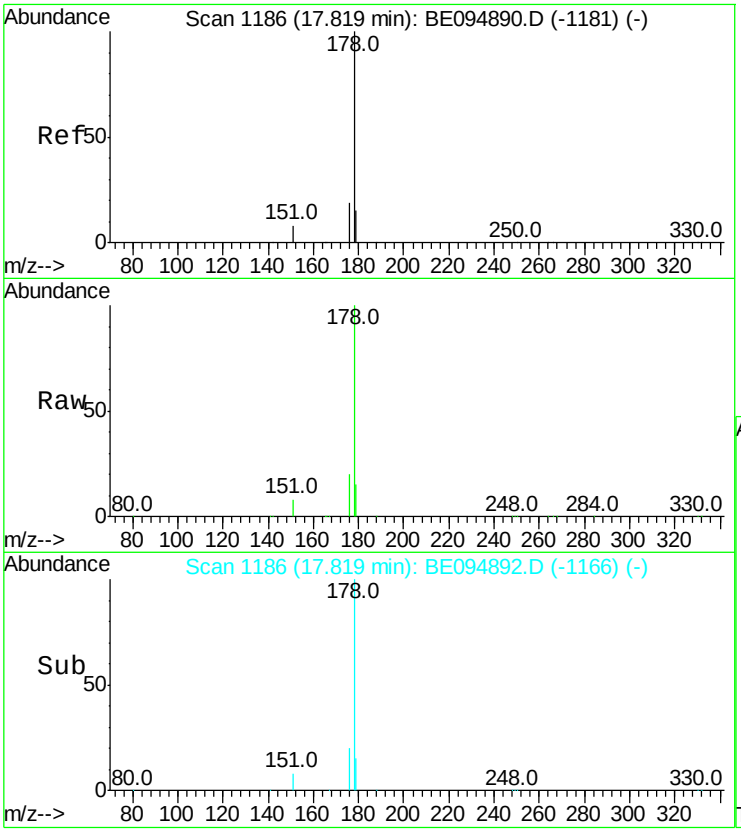


#22
Pentachlorophenol
Concen: 3.981 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:266 Resp: 6096

Ion	Ratio	Lower	Upper
266	100		
264	60.4	72.5	108.7#
268	64.6	73.8	110.6#



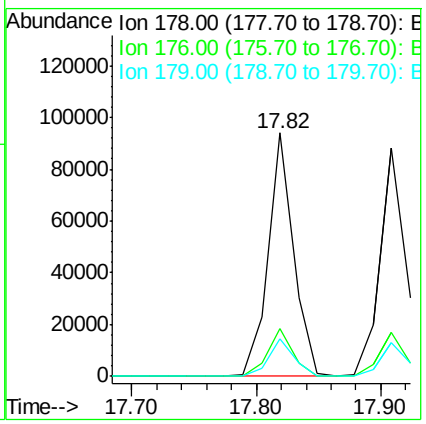


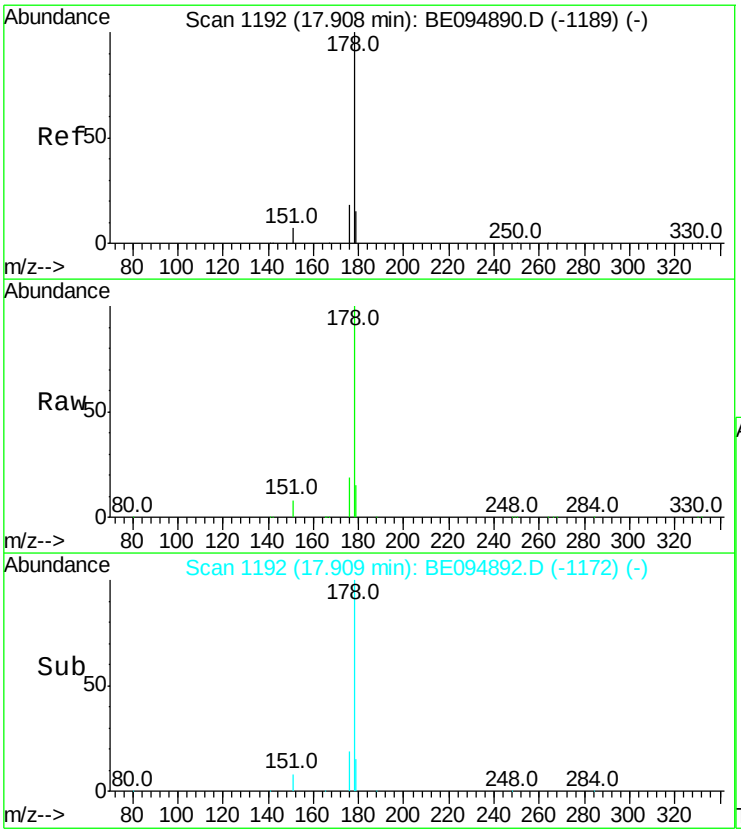
#23
Phenanthrene
Concen: 1.865 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 133446

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.3	11.8	17.6

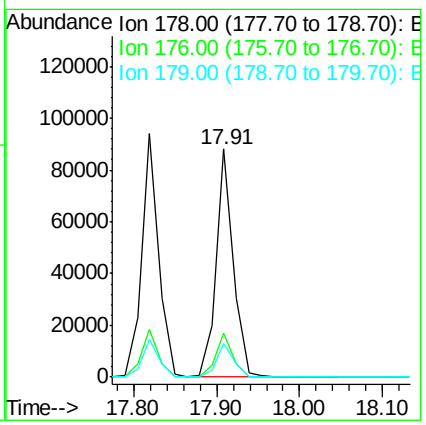


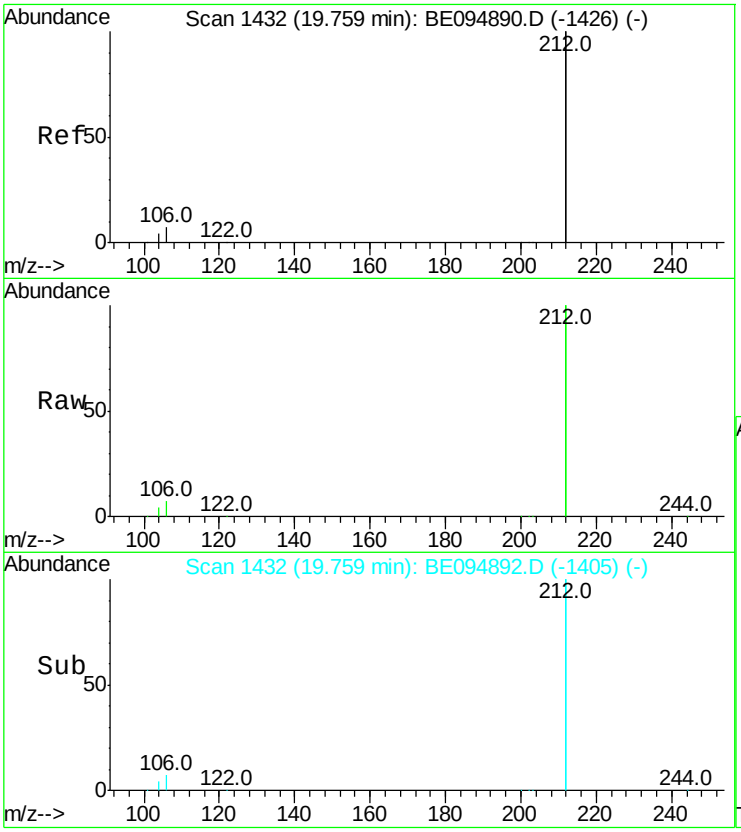


#24
Anthracene
Concen: 1.896 ng
RT: 17.91 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:178 Resp: 139757

Ion	Ratio	Lower	Upper
178	100		
176	19.5	12.8	19.2#
179	15.7	13.0	19.6



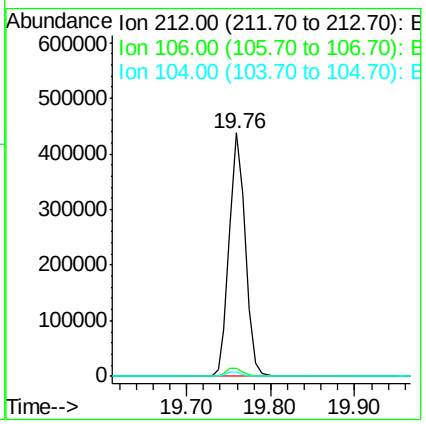


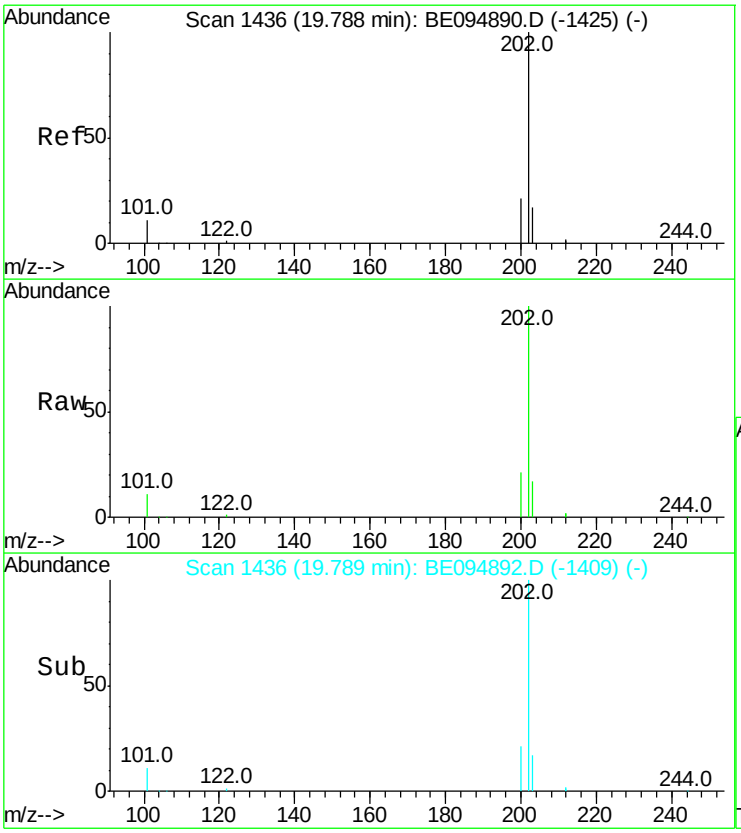
#25
Fluoranthene-d10
Concen: 1.954 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 572852

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.0	1.6	2.4

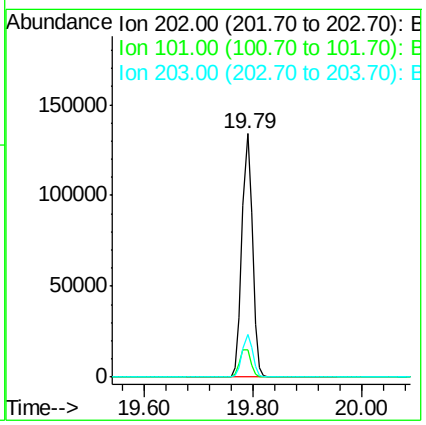


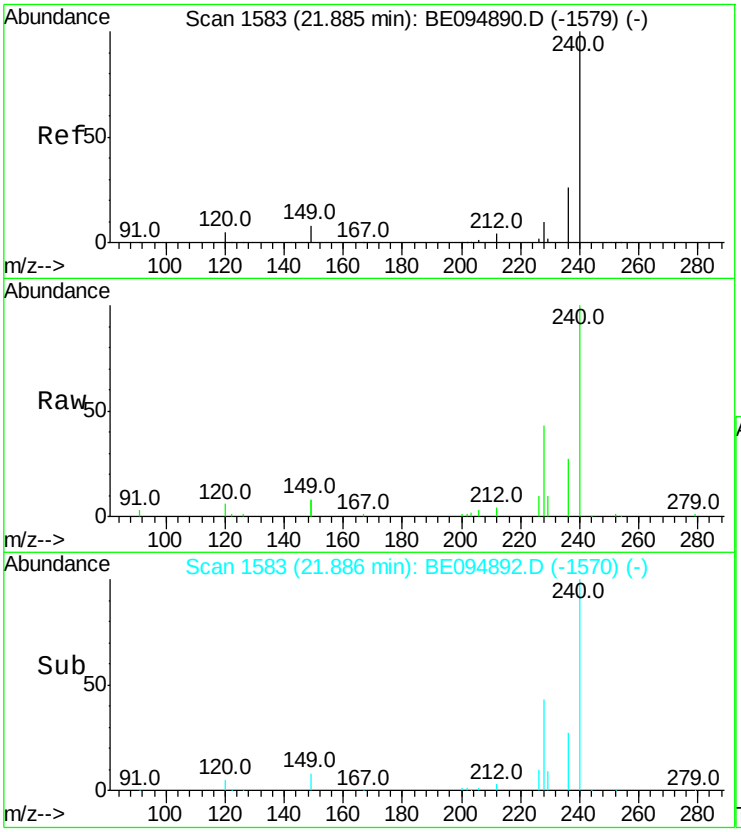


#26
Fluoranthene
Concen: 1.969 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:202 Resp: 175350

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
203	17.2	13.7	20.5



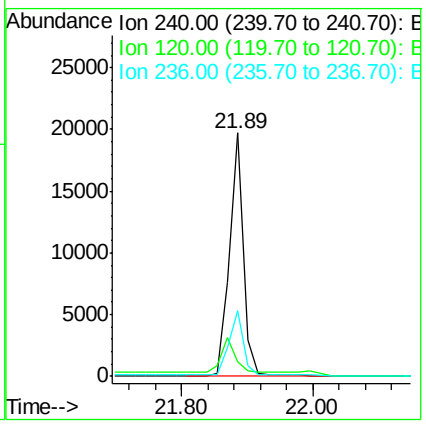


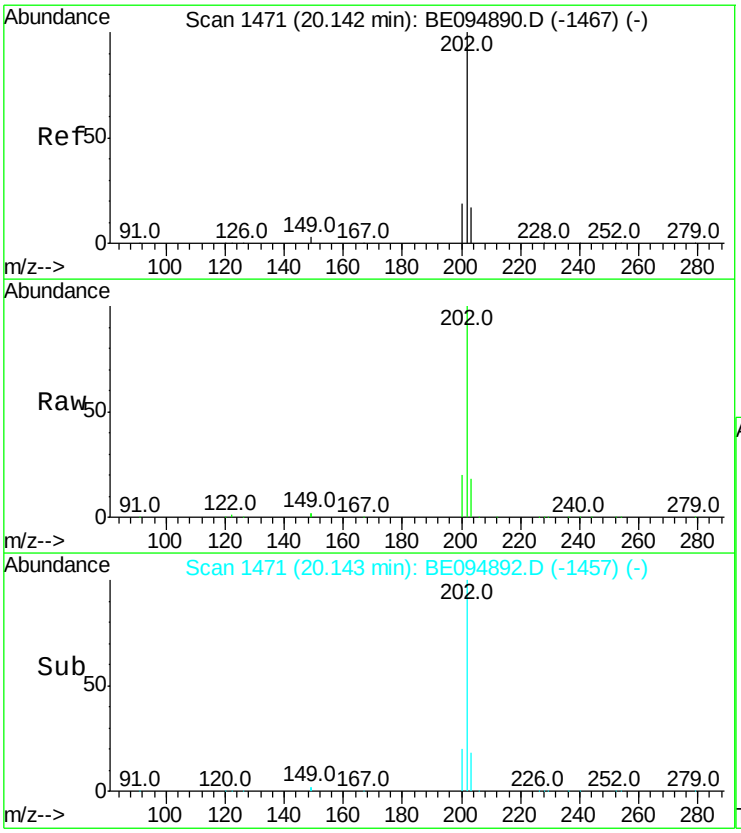
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 30612

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.5	8.3
236	26.9	20.7	31.1

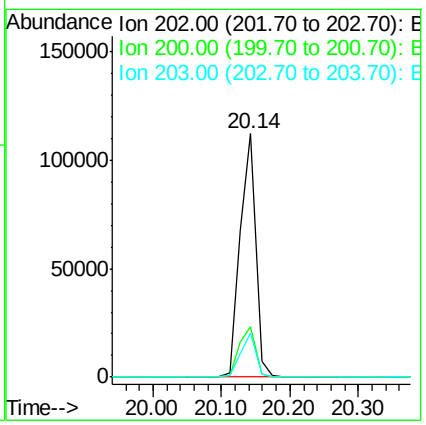


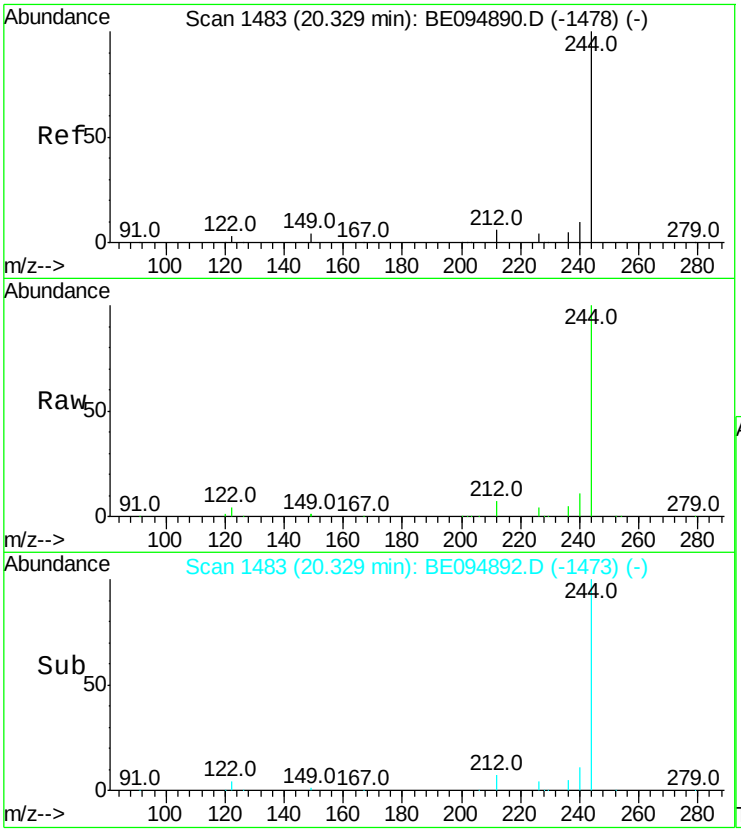


#28
Pyrene
Concen: 1.657 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:202 Resp: 177440

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	25.0
203	17.6	13.8	20.8



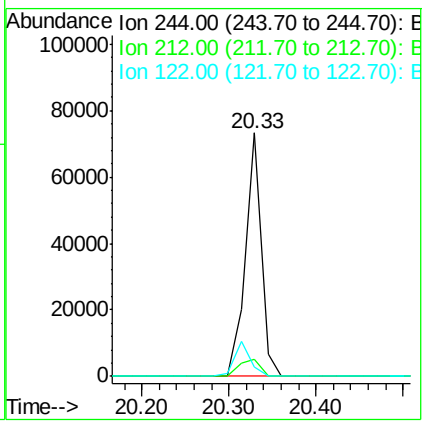


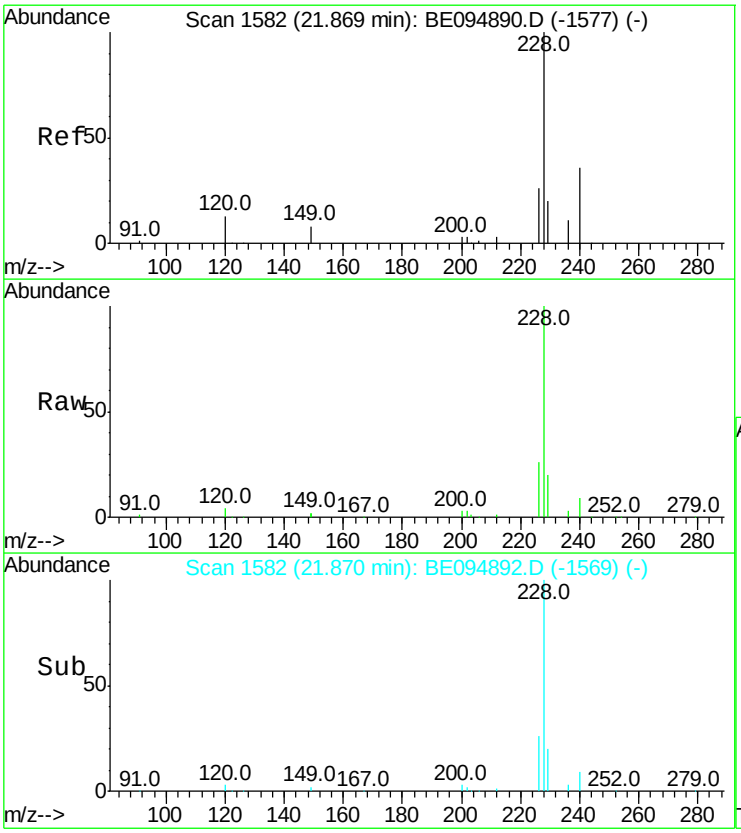
#29
Terphenyl-d14
Concen: 1.629 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 94030

Ion	Ratio	Lower	Upper
244	100		
212	7.2	25.4	38.0#
122	3.9	8.1	12.1#

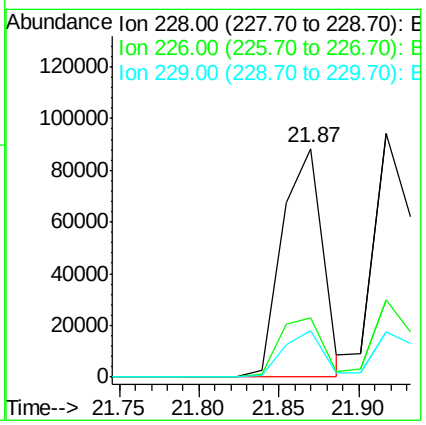


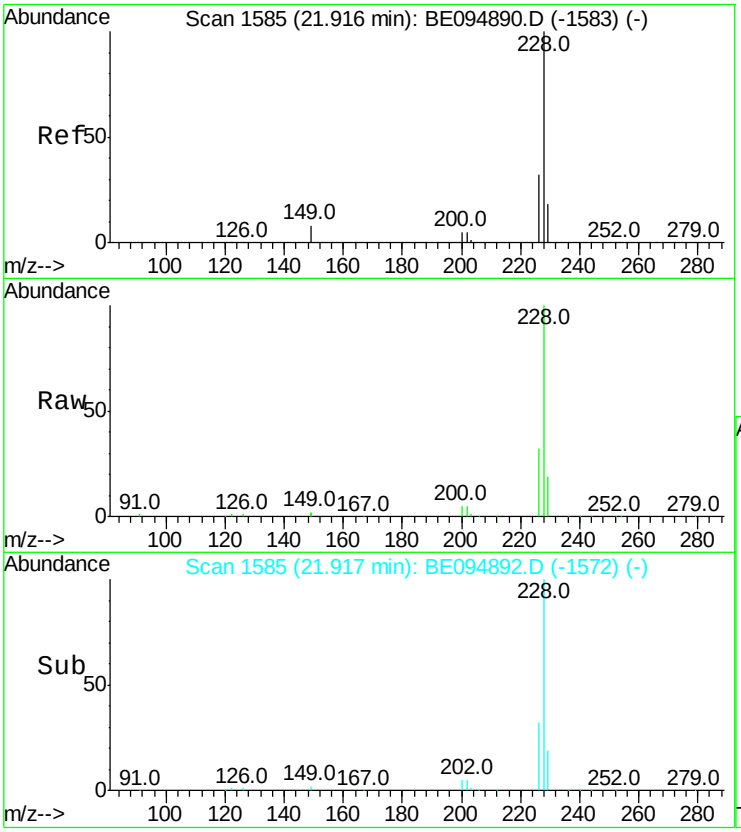


#30
Benzo(a)anthracene
Concen: 1.561 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:228 Resp: 155579

Ion	Ratio	Lower	Upper
228	100		
226	26.2	40.0	60.0#
229	20.5	40.0	60.0#



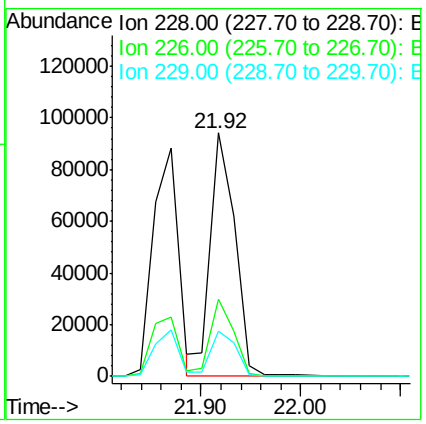


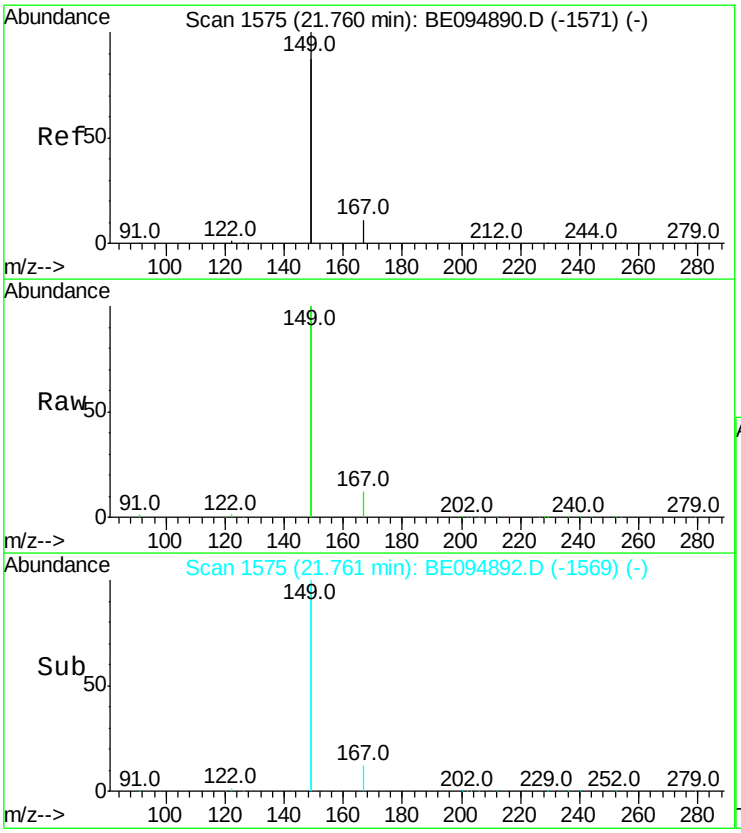
#31
Chrysene
Concen: 1.692 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 171198

Ion	Ratio	Lower	Upper
228	100		
226	31.9	40.0	60.0#
229	18.8	40.0	60.0#

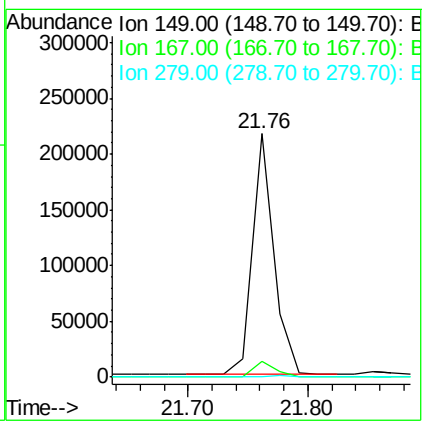


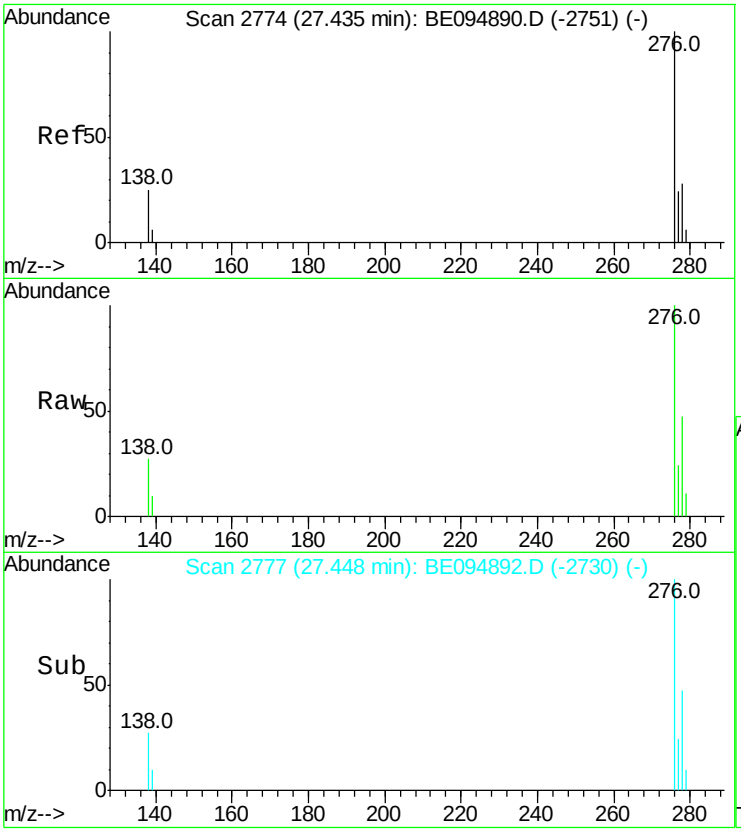


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.091 ng
RT: 21.76 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:149 Resp: 266621

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



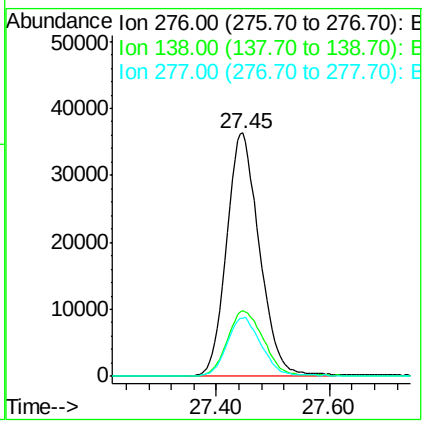


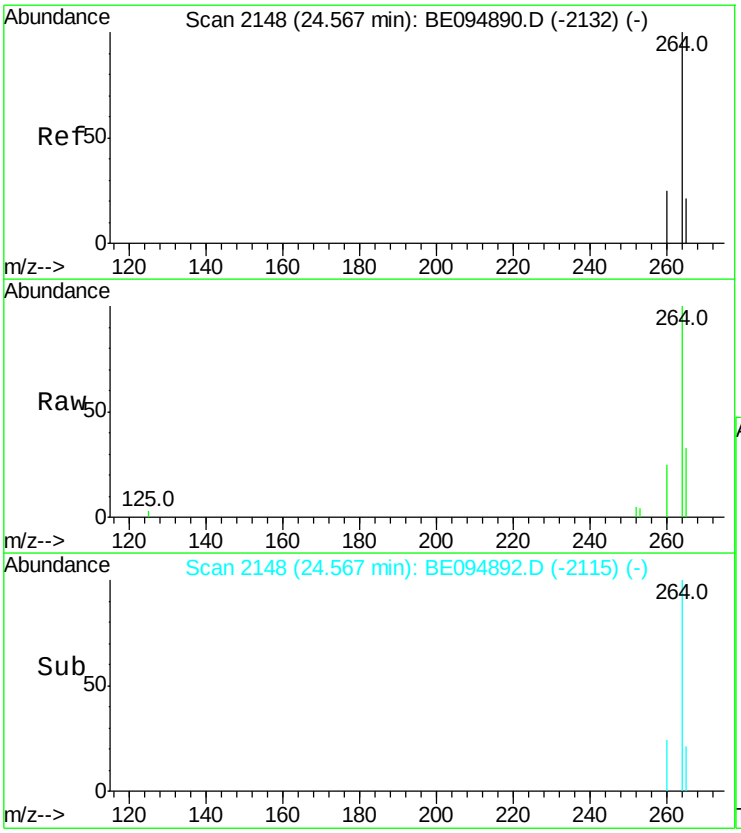
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.534 ng
RT: 27.45 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 143432

Ion	Ratio	Lower	Upper
276	100		
138	29.1	22.5	33.7
277	24.8	19.9	29.9

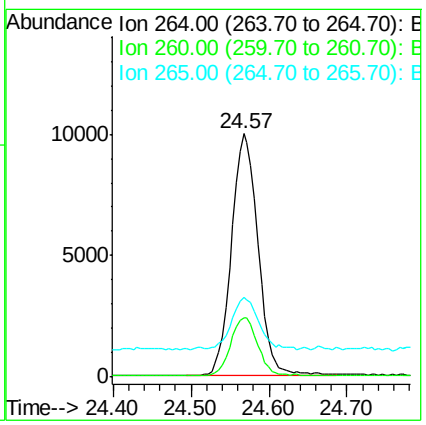


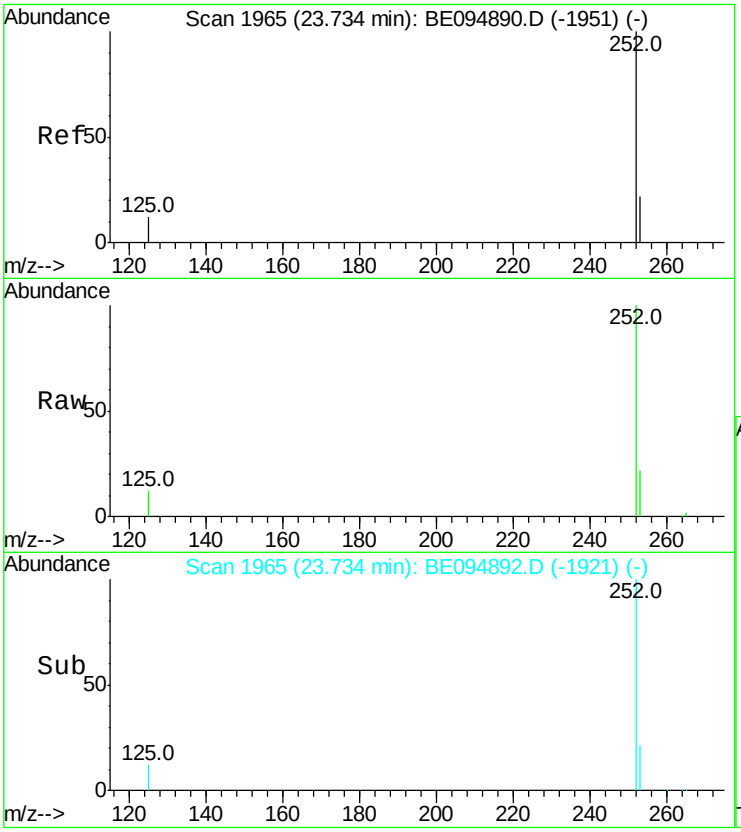


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:264 Resp: 23617

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.5	30.7
265	32.9	22.8	34.2



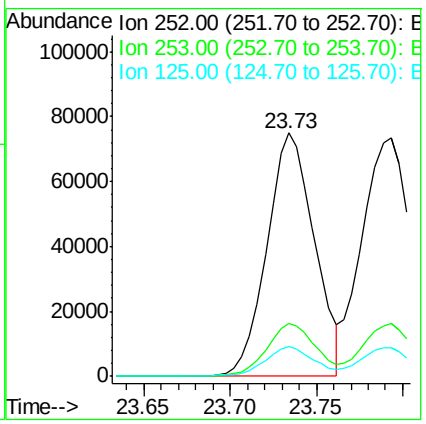


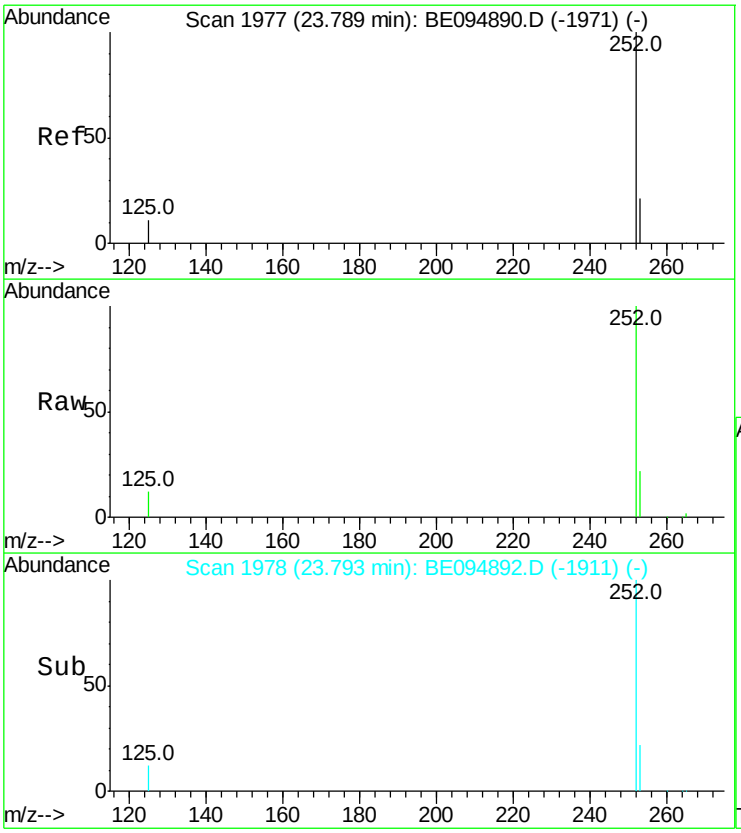
#35
Benzo(b)fluoranthene
Concen: 1.862 ng
RT: 23.73 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 142262

Ion	Ratio	Lower	Upper
252	100		
253	21.8	48.0	72.0#
125	12.0	56.0	84.0#

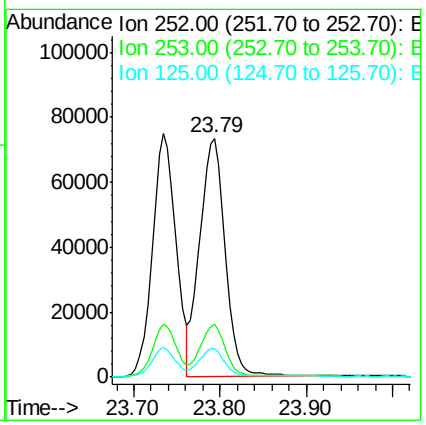


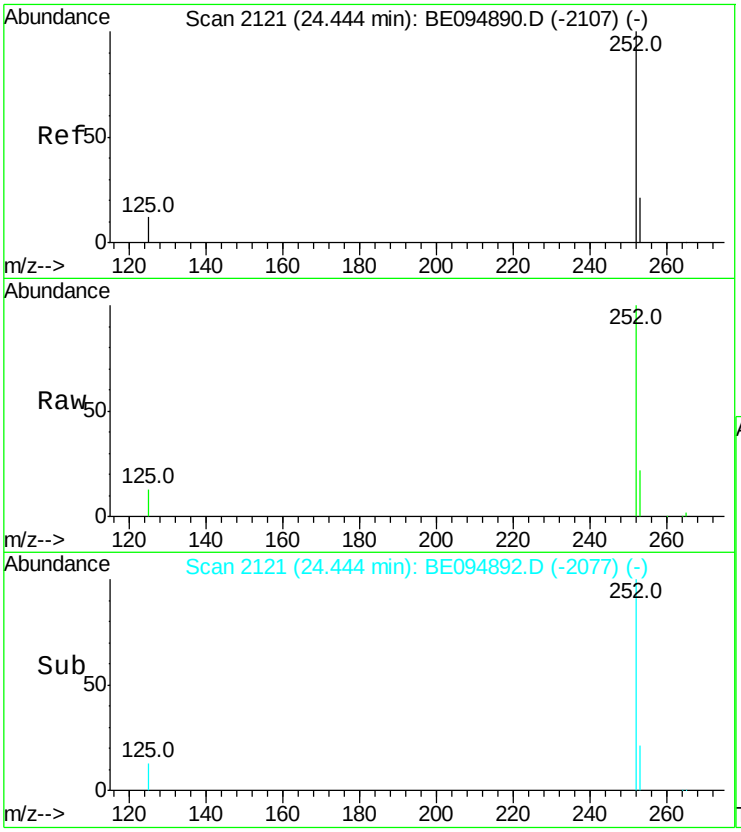


#36
Benzo(k)fluoranthene
Concen: 1.833 ng
RT: 23.79 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:252 Resp: 149206

Ion	Ratio	Lower	Upper
252	100		
253	22.2	48.0	72.0#
125	11.9	56.0	84.0#



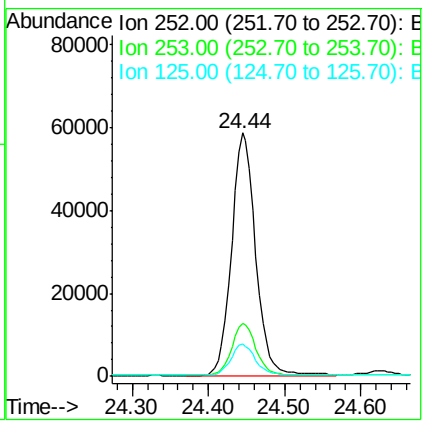


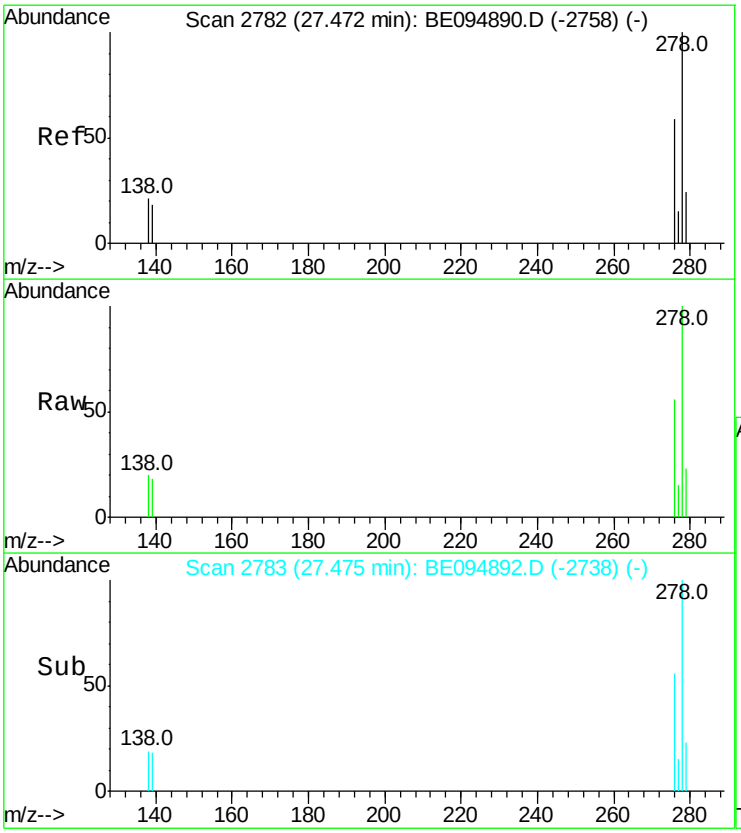
#37
Benzo(a)pyrene
Concen: 1.739 ng
RT: 24.44 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 128881

Ion	Ratio	Lower	Upper
252	100		
253	21.8	52.0	78.0#
125	13.1	68.0	102.0#

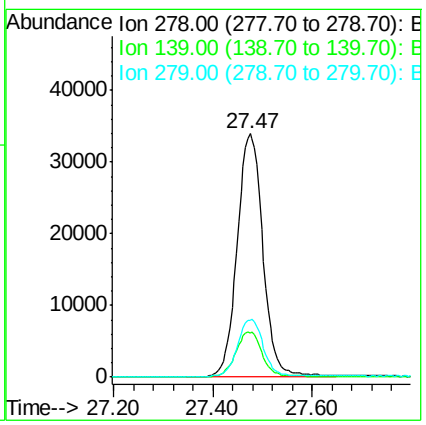


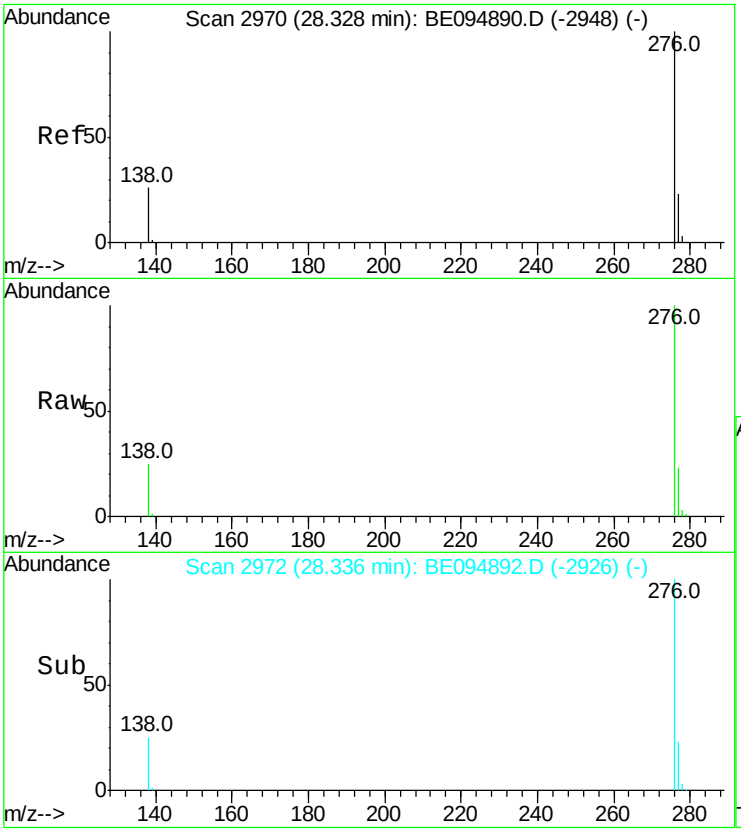


#38
Dibenzo(a,h)anthracene
Concen: 1.835 ng
RT: 27.47 min Scan# 2783
Delta R.T. 0.00 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Tgt Ion:278 Resp: 122111

Ion	Ratio	Lower	Upper
278	100		
139	18.3	56.0	84.0#
279	23.5	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 1.901 ng
RT: 28.34 min Scan# 2972
Delta R.T. 0.01 min
Lab File: BE094892.D
Acq: 30 Nov 2017 15:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 118389

Ion	Ratio	Lower	Upper
276	100		
277	23.5	52.0	78.0#
138	24.8	44.0	66.0#