Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE113017\
Data File : BE094893.D
Acq On : 30 Nov 2017 15:36
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Nov 30 16:26:26 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 15:57:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.487	152	8368	0.40	ng		0.00
7) Naphthalene-d8	11.327	136	18936	0.40	ng		0.00
13) Acenaphthene-d10	15.075	164	10576	0.40	ng		0.00
19) Phenanthrene-d10	17.773	188	25236	0.40	ng		0.00
27) Chrysene-d12	21.886	240	30833	0.40	ng		0.00
34) Perylene-d12	24.567	264	23477	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.957	112	42726	3.23	ng		0.00
5) Phenol-d6	7.593	99	64740	3.32	ng		0.00
8) Nitrobenzene-d5	9.665	82	40556	3.71	ng		0.00
11) 2-Methylnaphthalene-d10	12.870	152	96738	3.20	ng		0.00
14) 2,4,6-Tribromophenol	16.532	330	9283	4.29	ng		0.00
15) 2-Fluorobiphenyl	13.712	172	144040	3.18	ng		0.00
25) Fluoranthene-d10	19.760	212	1110085	3.22	ng		0.00
29) Terphenyl-d14	20.330	244	186930	3.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.678	88	25023	2.80	ng	#	86
3) n-Nitrosodimethylamine	4.018	42	38247	3.48	ng	#	78
6) bis(2-Chloroethyl)ether	7.883	93	61452	3.15	ng		99
9) Naphthalene	11.377	128	689416	3.09	ng		99
10) Hexachlorobutadiene	11.643	225	28912	3.06	ng		97
12) 2-Methylnaphthalene	12.936	142	171578	3.09	ng		96
16) Acenaphthylene	14.793	152	200647	3.39	ng		99
17) Acenaphthene	15.134	154	123446	3.20	ng		96
18) Fluorene	16.099	166	158016	3.22	ng	#	78
20) 4-Bromophenyl-phenylether	16.966	248	46130	3.29	ng	#	61
21) Hexachlorobenzene	17.086	284	44872	3.28	ng	#	79
22) Pentachlorophenol	17.429	266	14334	4.51	ng	#	68
23) Phenanthrene	17.818	178	260081	3.24	ng		98
24) Anthracene	17.908	178	278844	3.28	ng	#	95
26) Fluoranthene	19.790	202	338421	3.29	ng		100
28) Pyrene	20.143	202	338159	3.17	ng		98
30) Benzo(a)anthracene	21.870	228	306906	3.26	ng	#	61
31) Chrysene	21.917	228	321630	3.06	ng	#	64
32) Bis(2-ethylhexyl)phtha...	21.761	149	606207	4.04	ng	#	99
33) Indeno(1,2,3-cd)pyrene	27.444	276	282806	3.33	ng		99
35) Benzo(b)fluoranthene	23.738	252	275291	3.21	ng	#	39
36) Benzo(k)fluoranthene	23.792	252	291986	3.37	ng	#	38
37) Benzo(a)pyrene	24.448	252	254380	3.42	ng	#	31
38) Dibenzo(a,h)anthracene	27.471	278	239076	3.50	ng	#	42
39) Benzo(g,h,i)perylene	28.332	276	232350	3.38	ng	#	52

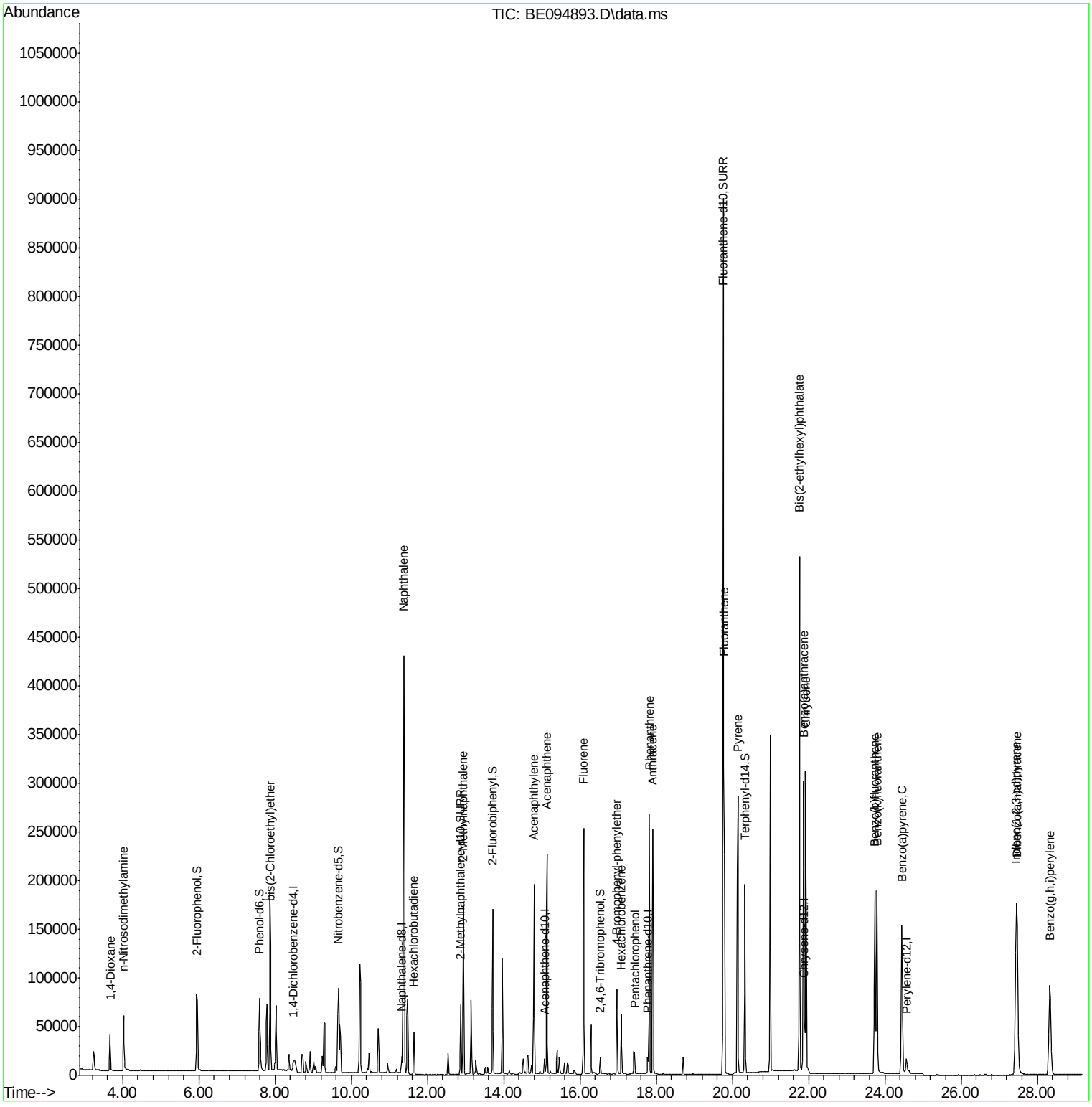
(#) = qualifier out of range (m) = manual integration (+) = signals summed

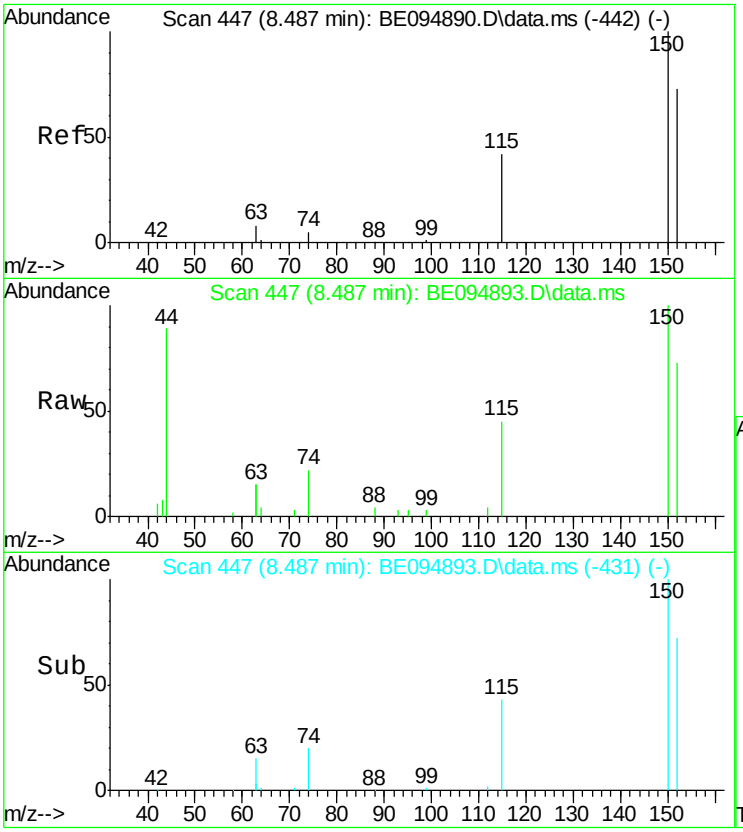
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE113017\
Data File : BE094893.D
Acq On : 30 Nov 2017 15:36
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 30 16:26:26 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 15:57:45 2017
Response via : Initial Calibration



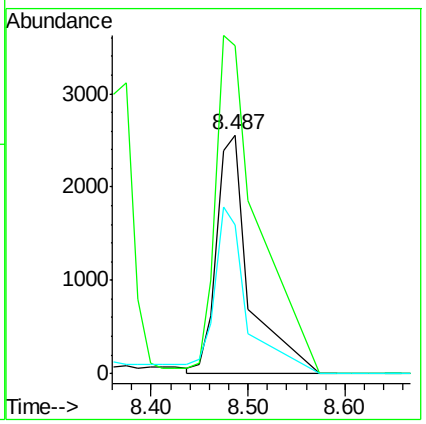


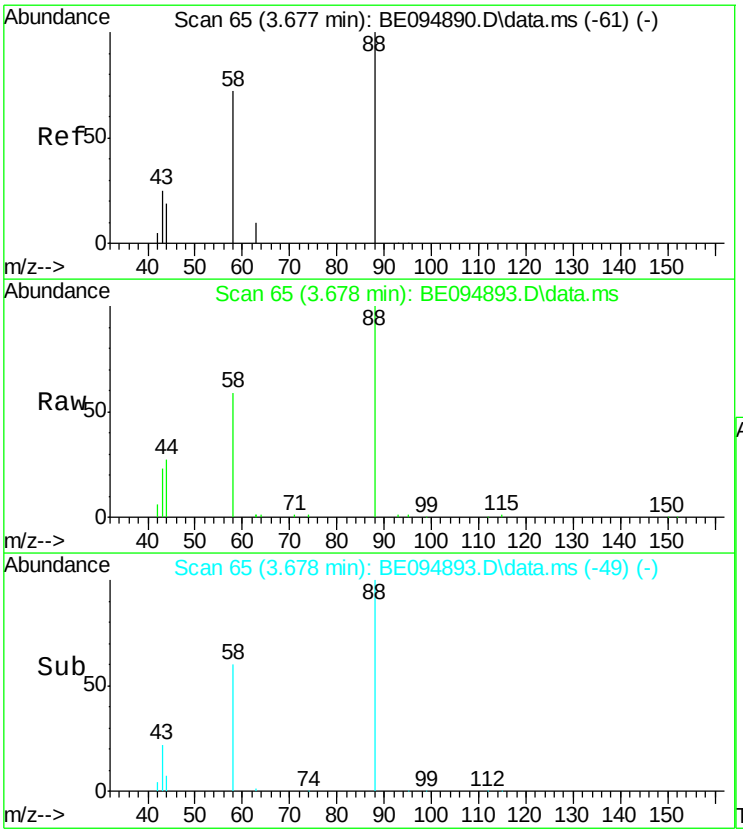
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.487 min Scan# 44
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 8368

Ion	Ratio	Lower	Upper
152	100		
150	137.7	117.2	175.8
115	62.3	57.0	85.6

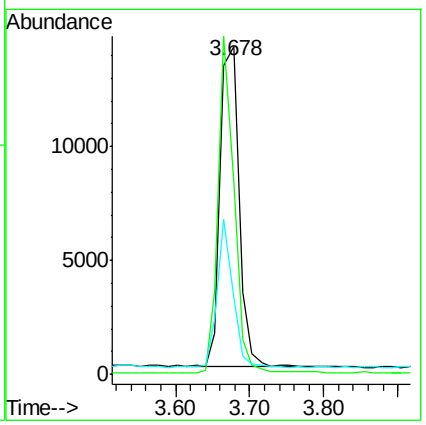


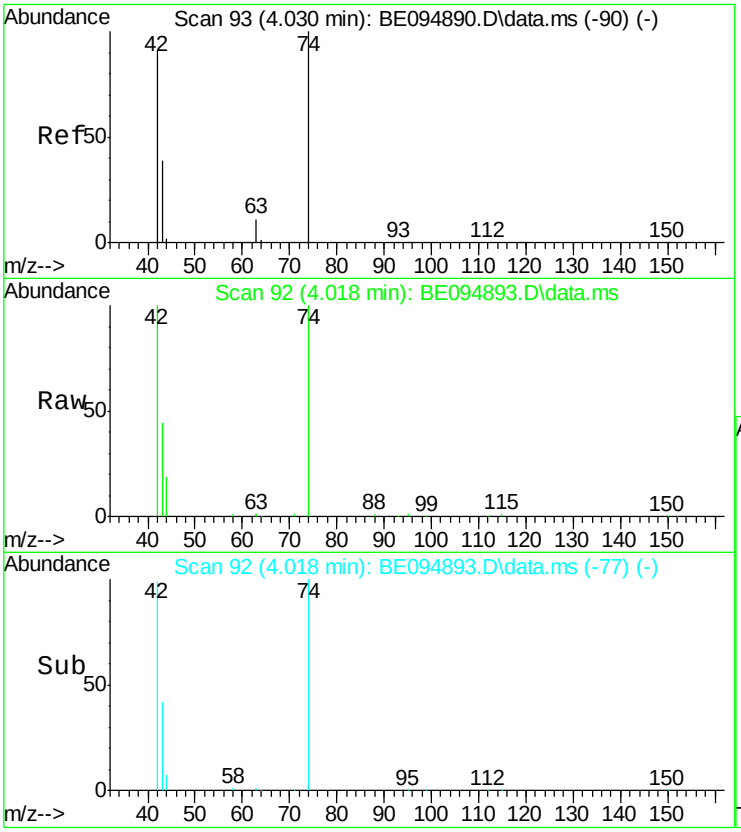


#2
1,4-Dioxane
Concen: 2.80 ng
RT: 3.678 min Scan# 65
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion: 88 Resp: 25023

Ion	Ratio	Lower	Upper
88	100		
58	87.8	63.2	94.8
43	37.7	41.2	61.8#



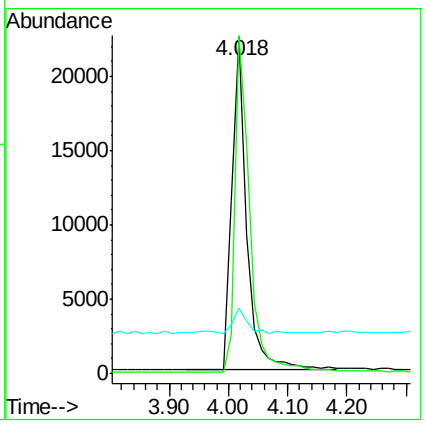


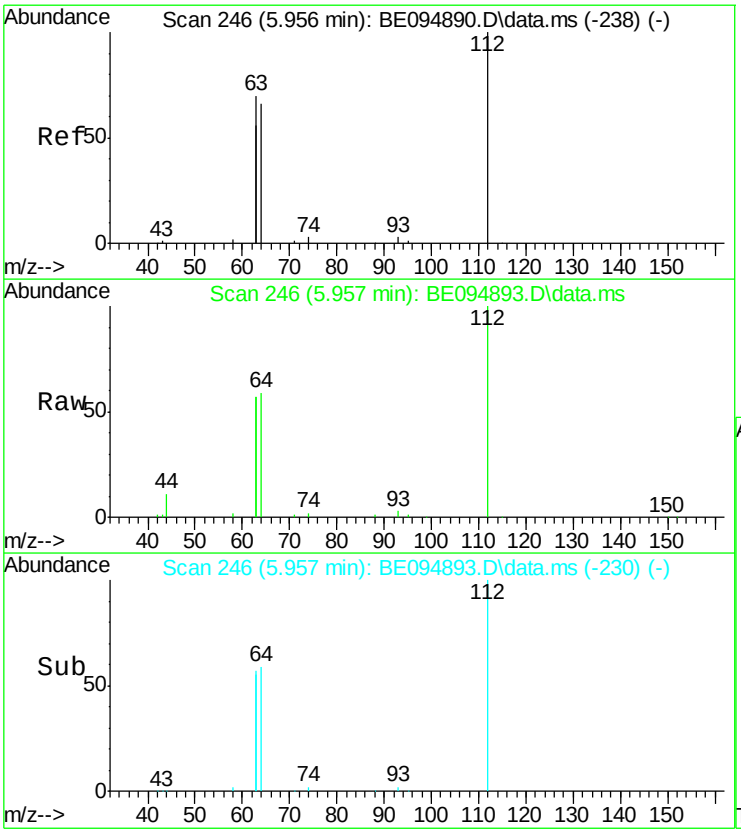
#3
n-Nitrosodimethylamine
Concen: 3.48 ng
RT: 4.018 min Scan# 92
Delta R.T. -0.012 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 38247

Ion	Ratio	Lower	Upper
42	100		
74	100.7	100.3	150.5
44	8.3	17.0	25.4#

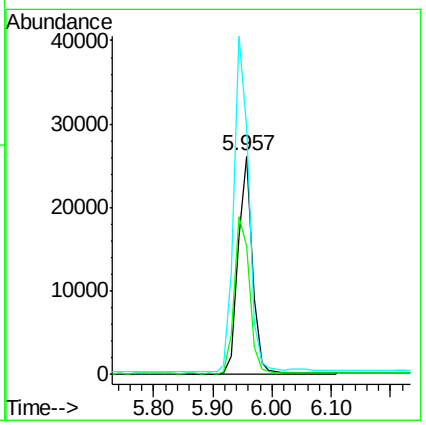


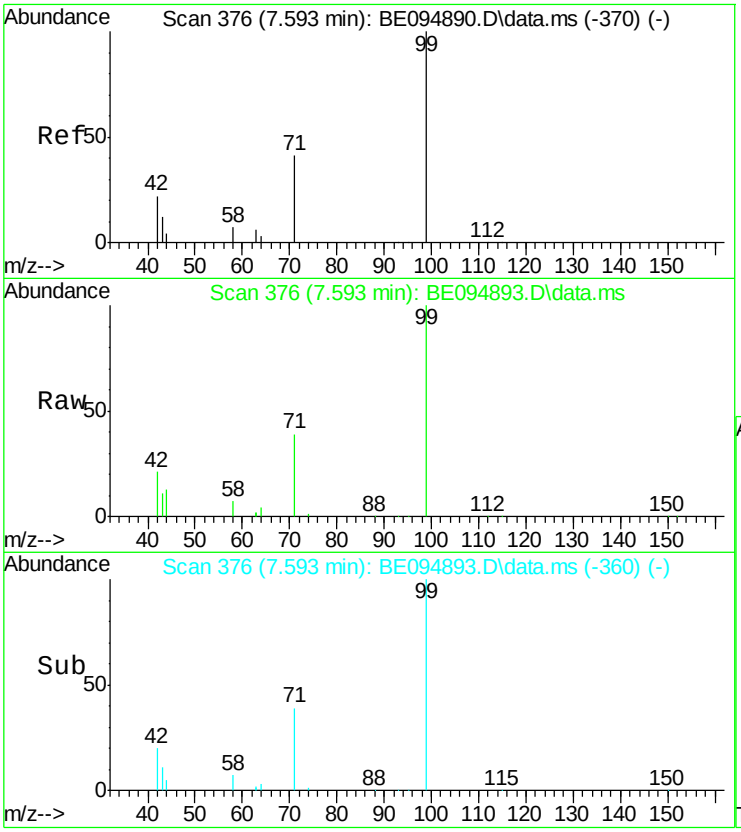


#4
2-Fluorophenol
Concen: 3.23 ng
RT: 5.957 min Scan# 246
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:112 Resp: 42726

Ion	Ratio	Lower	Upper
112	100		
64	77.2	60.1	90.1
63	160.4	116.8	175.2



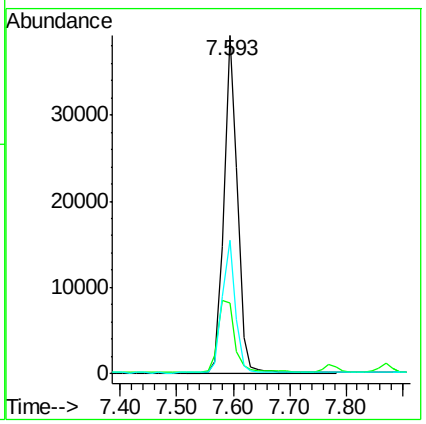


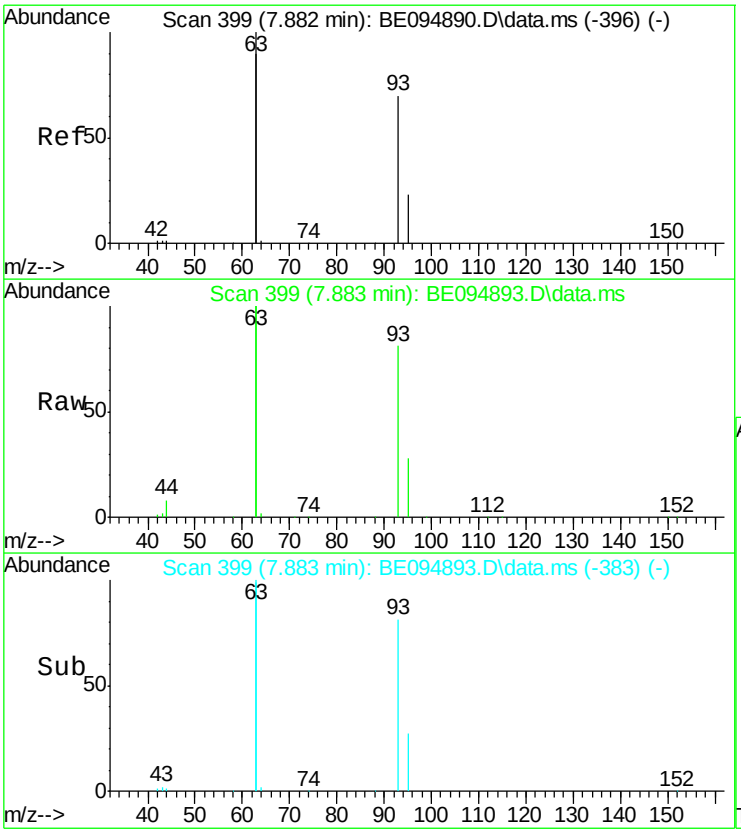
#5
Phenol-d6
Concen: 3.32 ng
RT: 7.593 min Scan# 37
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 64740

Ion	Ratio	Lower	Upper
99	100		
42	25.7	20.2	30.2
71	38.7	28.4	42.6

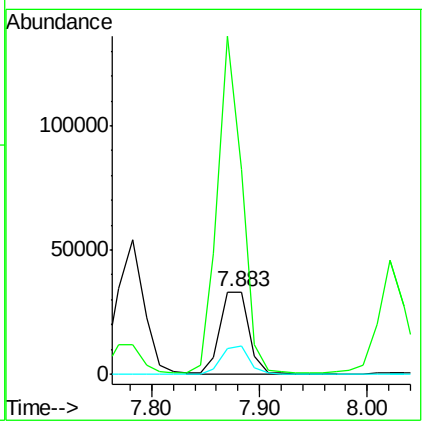


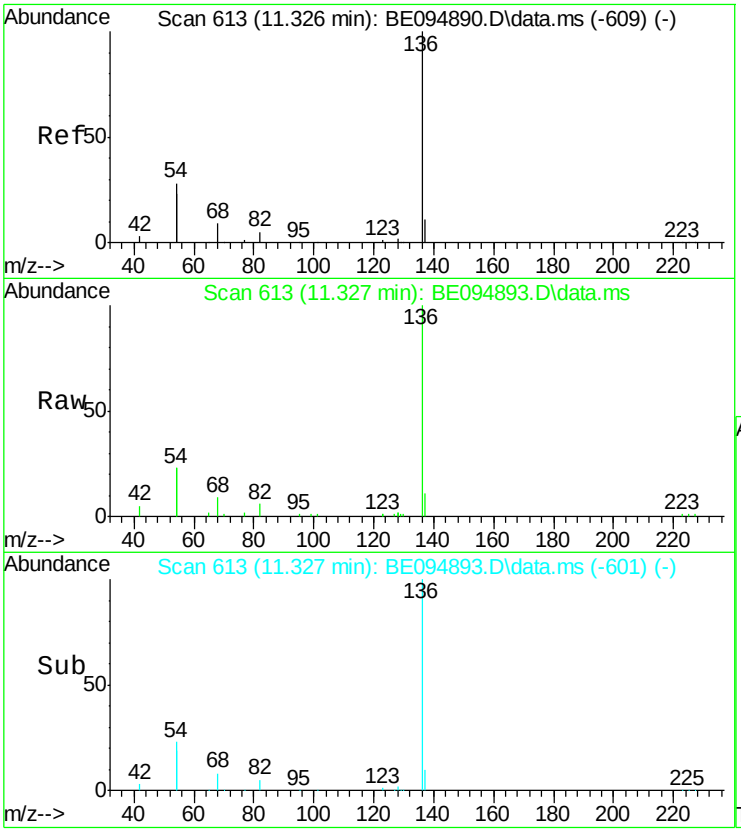


#6
bis(2-Chloroethyl)ether
Concen: 3.15 ng
RT: 7.883 min Scan# 399
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion: 93 Resp: 61452

Ion	Ratio	Lower	Upper
93	100		
63	346.6	275.3	412.9
95	32.1	25.2	37.8



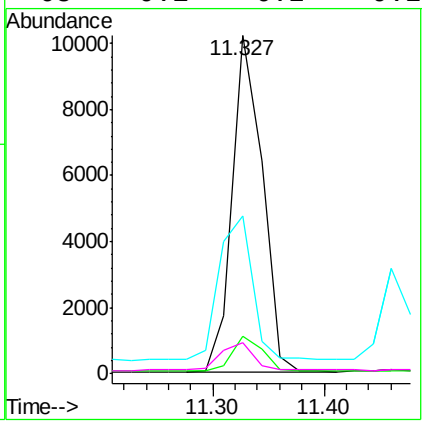


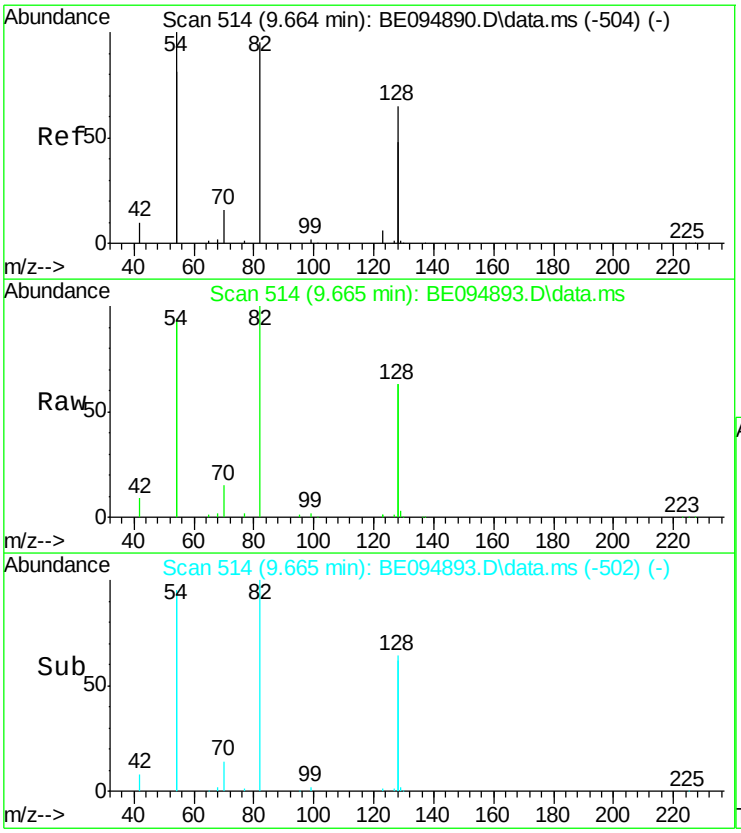
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.327 min Scan# 61
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 18936

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	46.6	29.1	43.7#
68	9.1	6.2	9.2

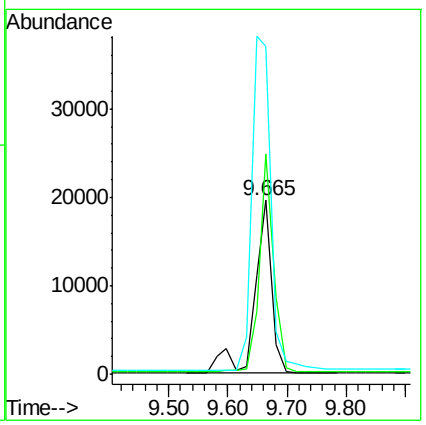


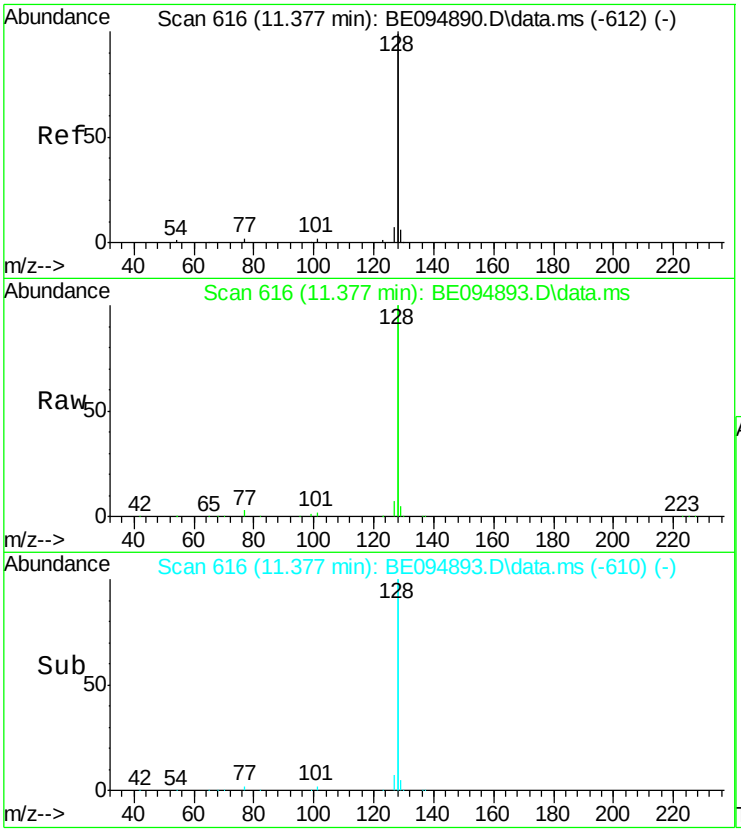


#8
Nitrobenzene-d5
Concen: 3.71 ng
RT: 9.665 min Scan# 514
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion: 82 Resp: 40556

Ion	Ratio	Lower	Upper
82	100		
128	126.7	150.0	225.0#
54	188.7	154.2	231.4



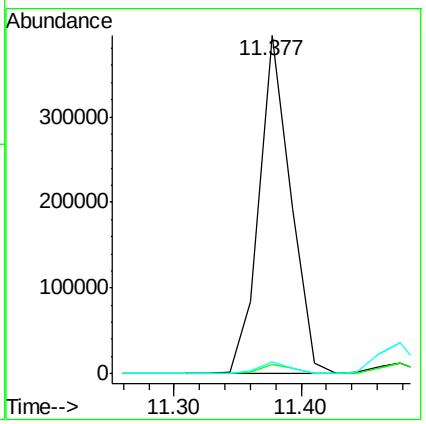


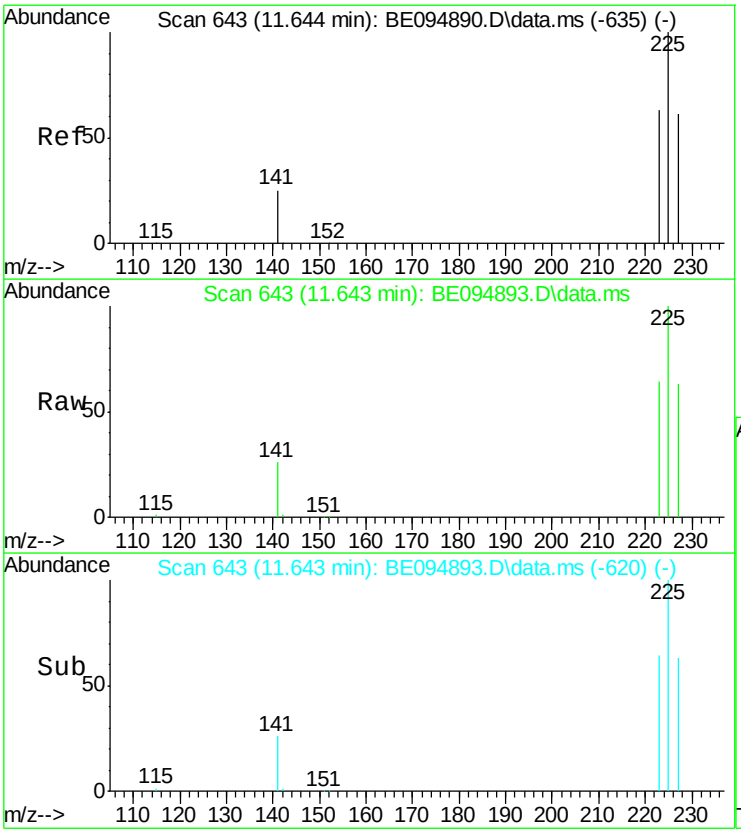
#9
Naphthalene
Concen: 3.09 ng
RT: 11.377 min Scan# 61
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 689416

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.4	2.8	4.2

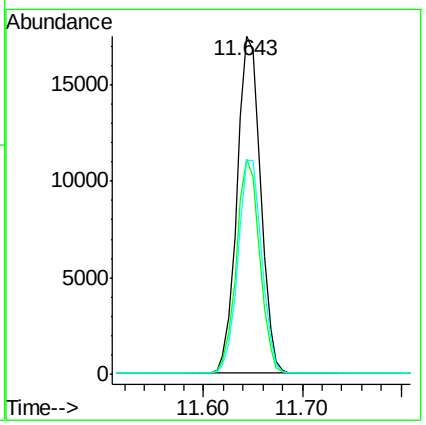


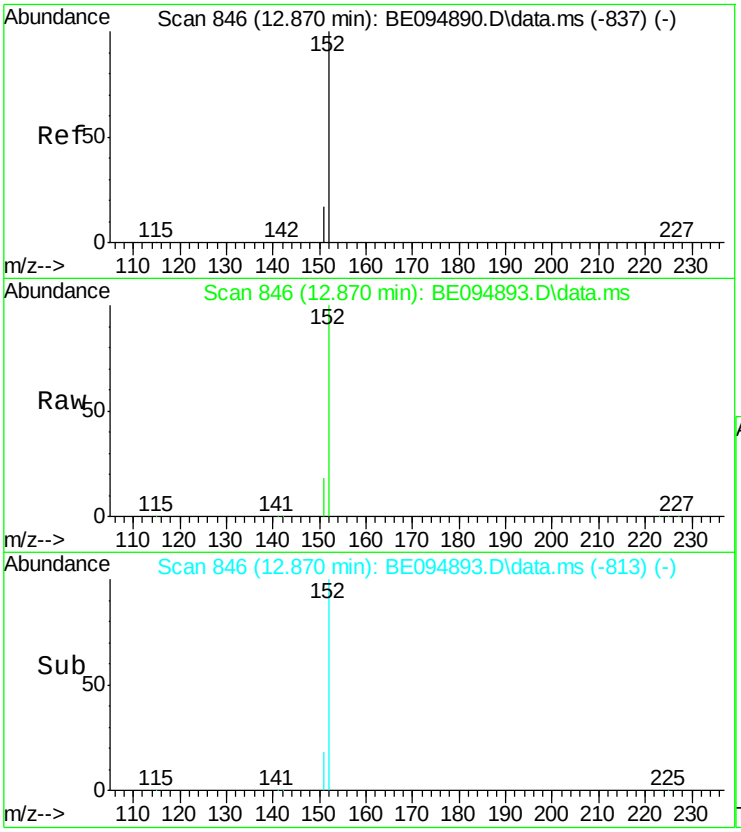


#10
Hexachlorobutadiene
Concen: 3.06 ng
RT: 11.643 min Scan# 643
Delta R.T. -0.000 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:225 Resp: 28912

Ion	Ratio	Lower	Upper
225	100		
223	62.7	53.0	79.6
227	63.6	51.4	77.2



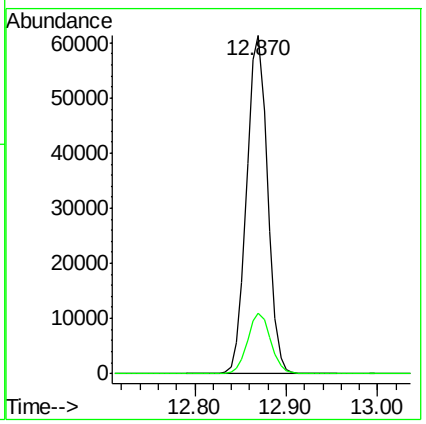


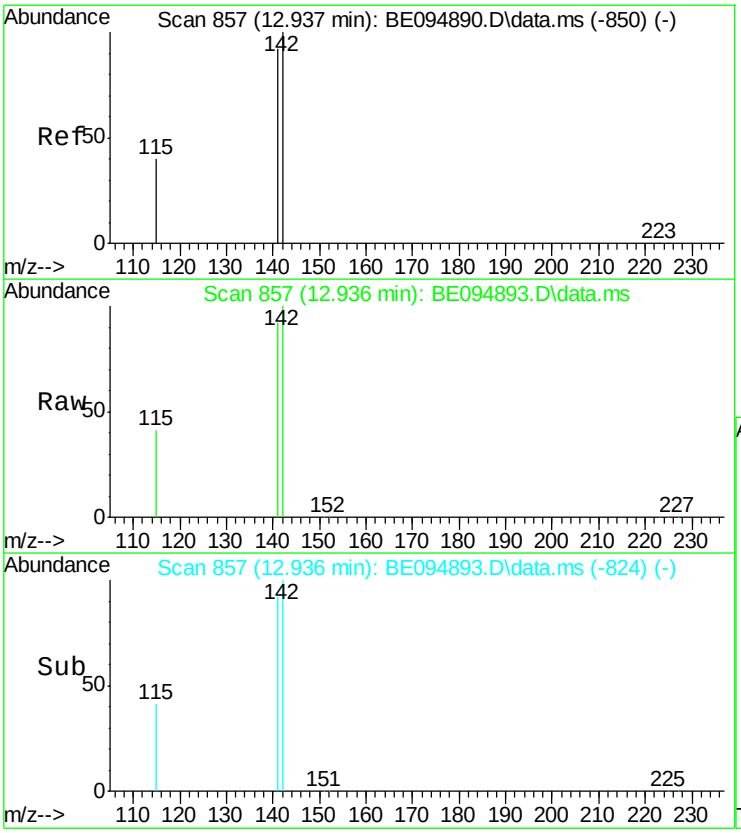
#11
2-Methylnaphthalene-d10
Concen: 3.20 ng
RT: 12.870 min Scan# 84
Delta R.T. -0.000 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 96738

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

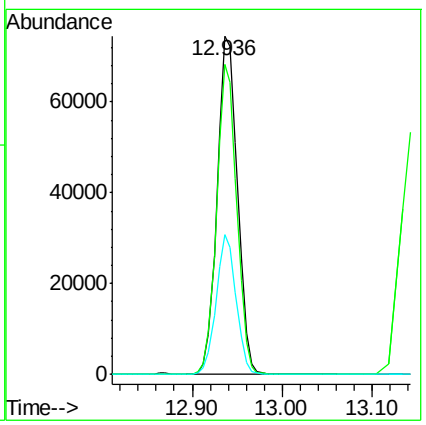


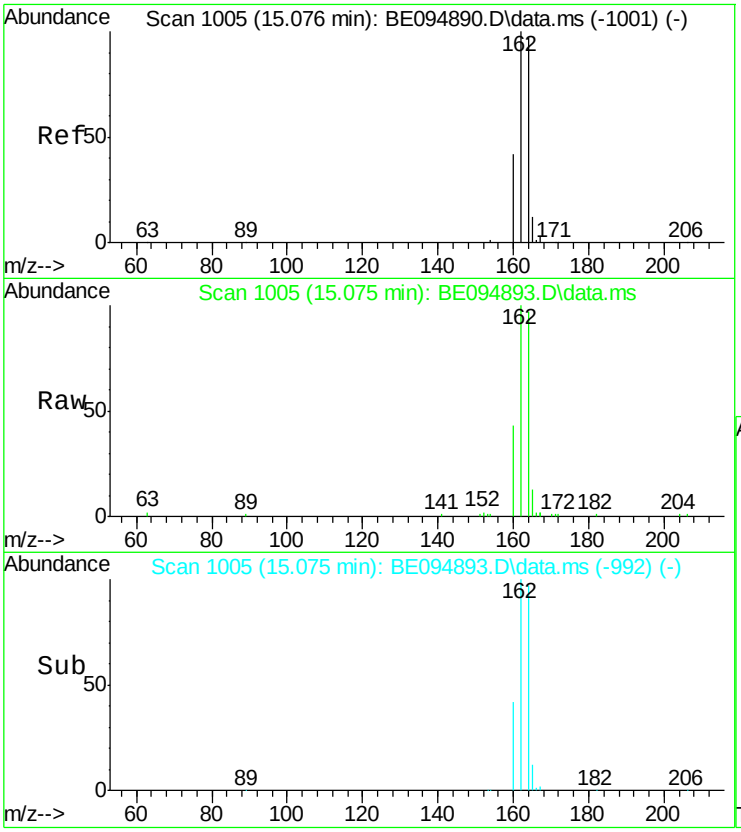


#12
2-Methylnaphthalene
Concen: 3.09 ng
RT: 12.936 min Scan# 857
Delta R.T. -0.000 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:142 Resp: 171578

Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.4	105.6
115	41.5	31.7	47.5



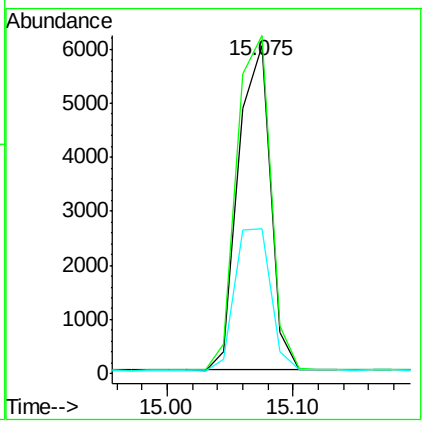


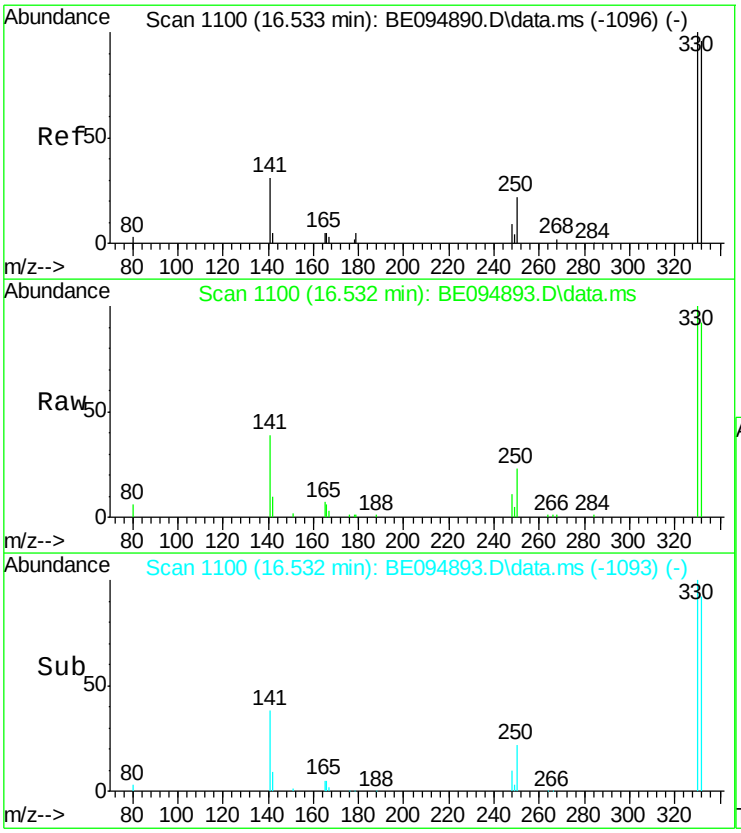
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.075 min Scan# 10
Delta R.T. -0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 10576

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.1	124.7
160	44.1	37.1	55.7

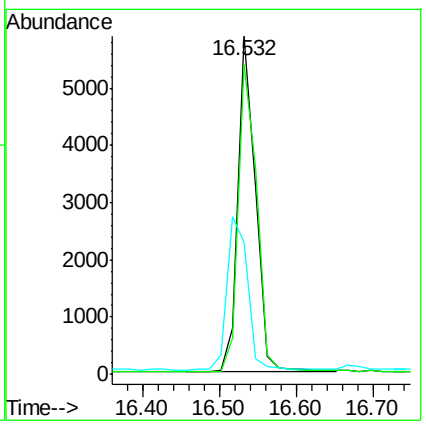


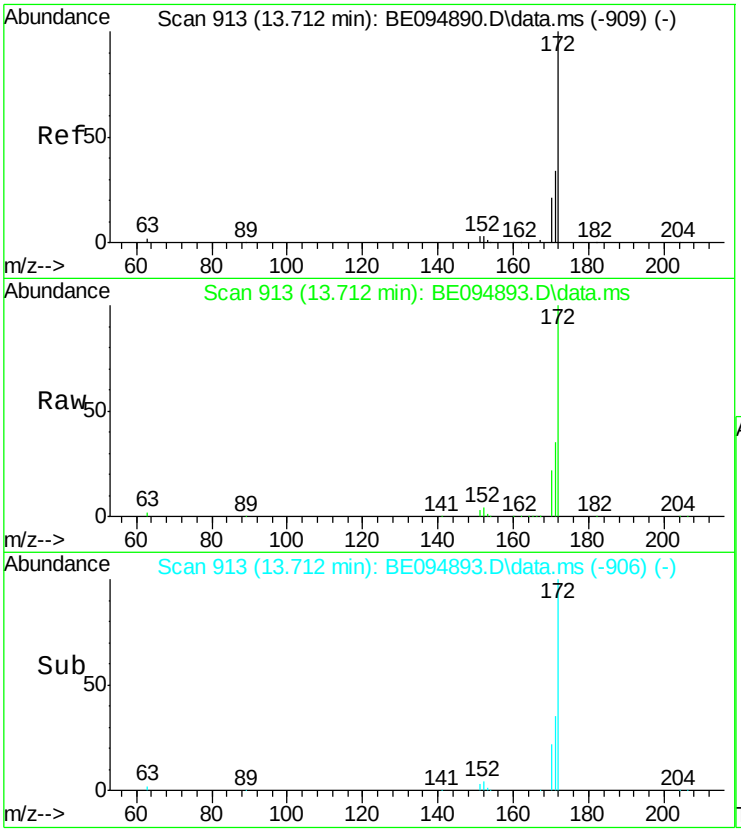


#14
2,4,6-Tribromophenol
Concen: 4.29 ng
RT: 16.532 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:330 Resp: 9283

Ion	Ratio	Lower	Upper
330	100		
332	96.7	152.7	229.1#
141	53.2	33.7	50.5#



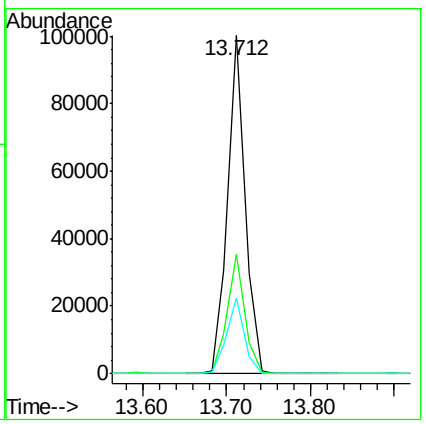


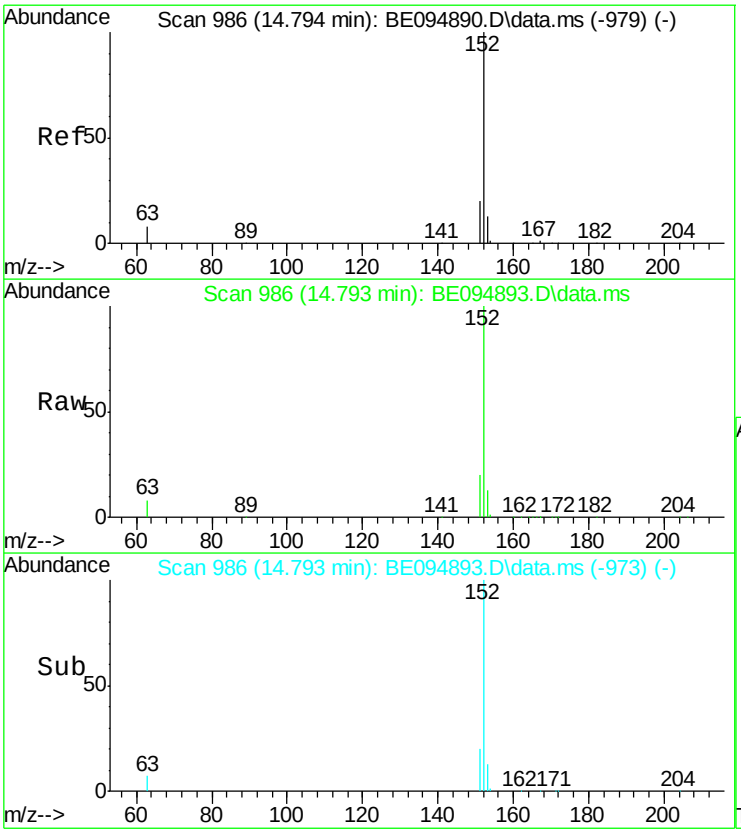
#15
2-Fluorobiphenyl
Concen: 3.18 ng
RT: 13.712 min Scan# 91
Delta R.T. -0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 144040

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	22.3	21.8	32.8

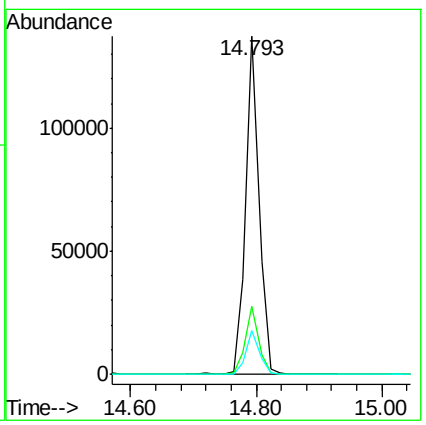


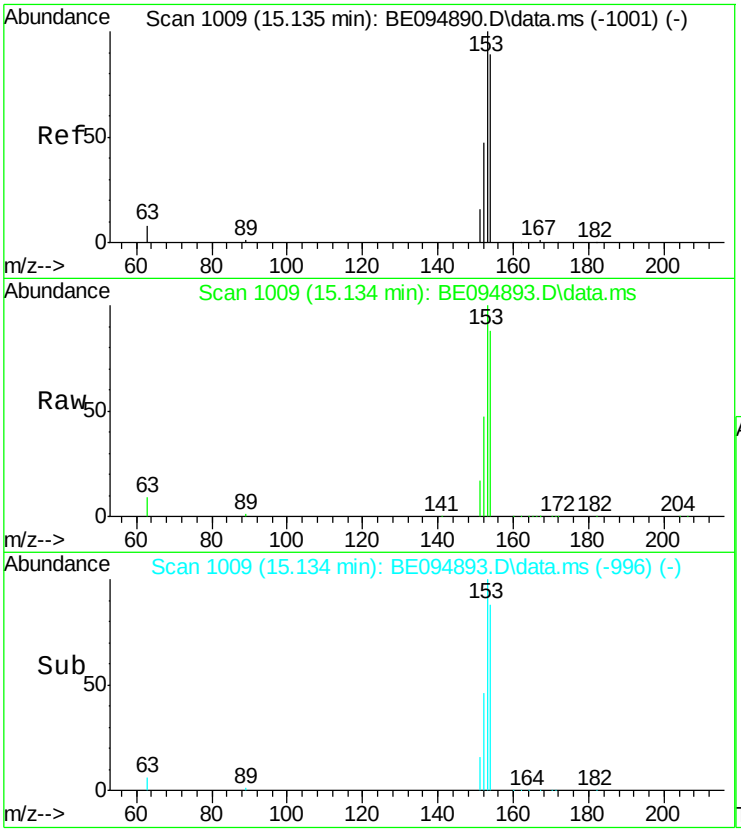


#16
Acenaphthylene
Concen: 3.39 ng
RT: 14.793 min Scan# 986
Delta R.T. -0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:152 Resp: 200647

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.9	10.5	15.7



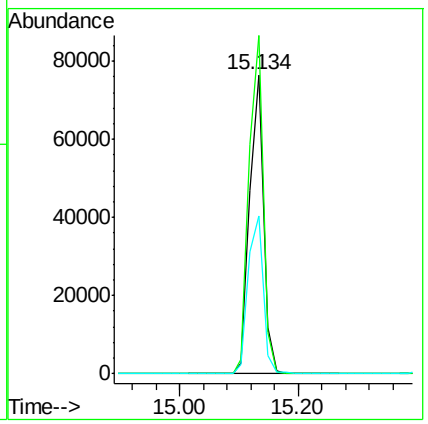


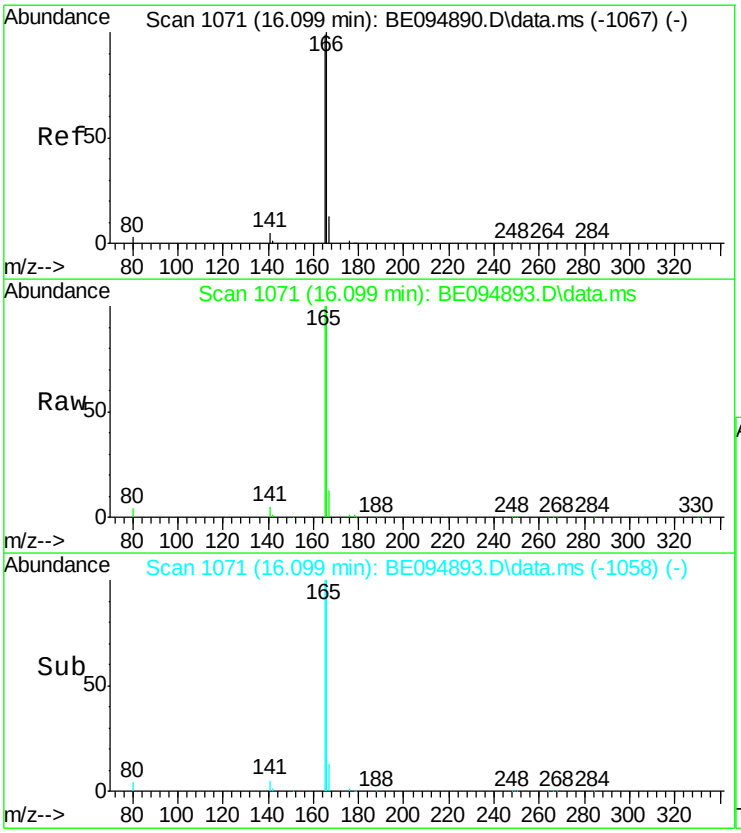
#17
Acenaphthene
Concen: 3.20 ng
RT: 15.134 min Scan# 10
Delta R.T. -0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 123446

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.2	133.8
152	56.6	42.0	63.0

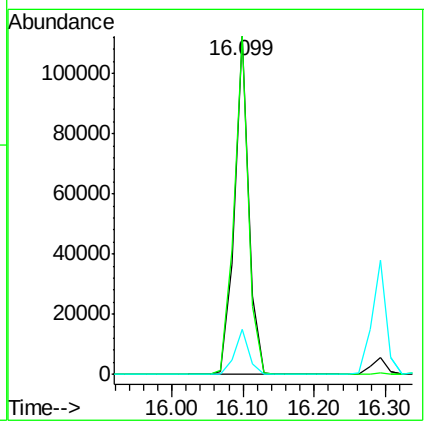


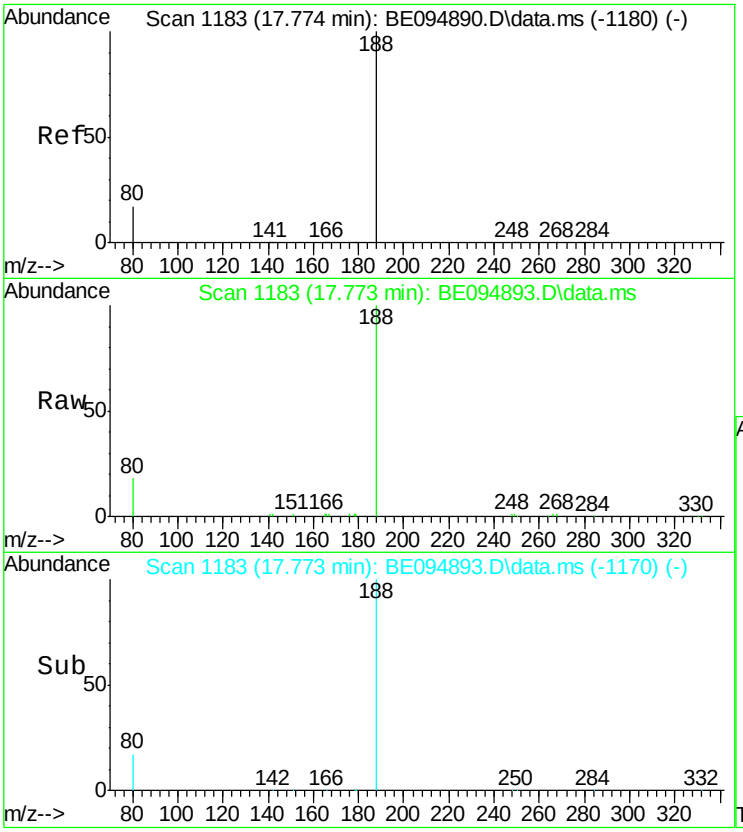


#18
Fluorene
Concen: 3.22 ng
RT: 16.099 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:166 Resp: 158016

Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.8	116.6
167	13.2	42.4	63.6#



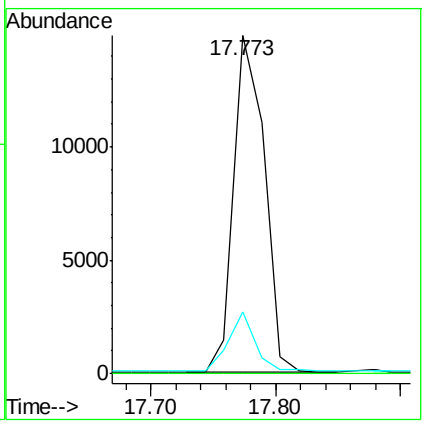


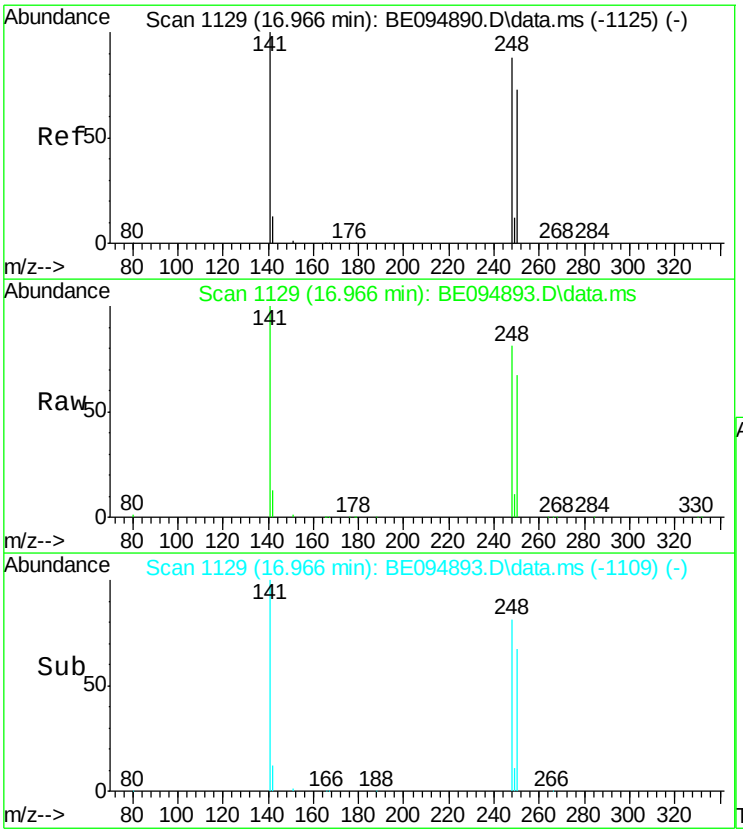
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.773 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 25236

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	18.1	3.6	5.4#

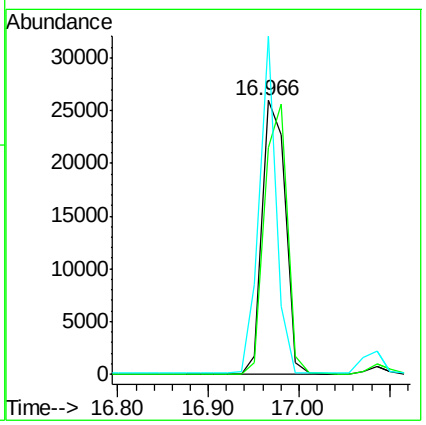


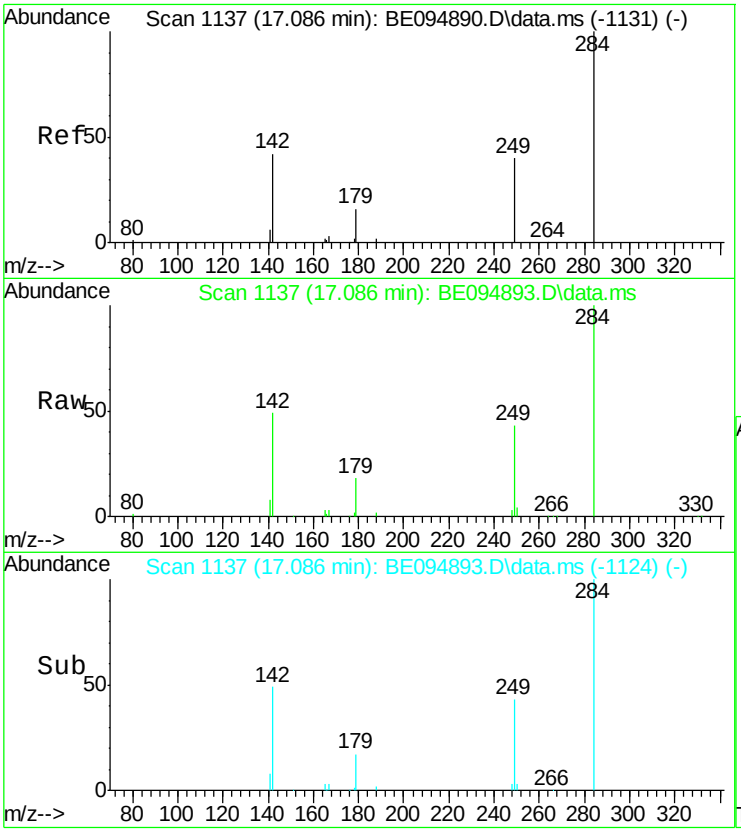


#20
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 16.966 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:248 Resp: 46130

Ion	Ratio	Lower	Upper
248	100		
250	82.6	62.7	94.1
141	123.4	48.2	72.2#



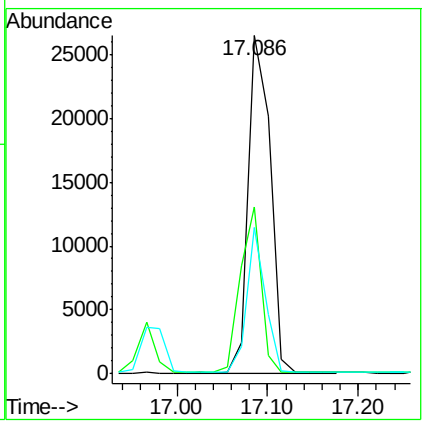


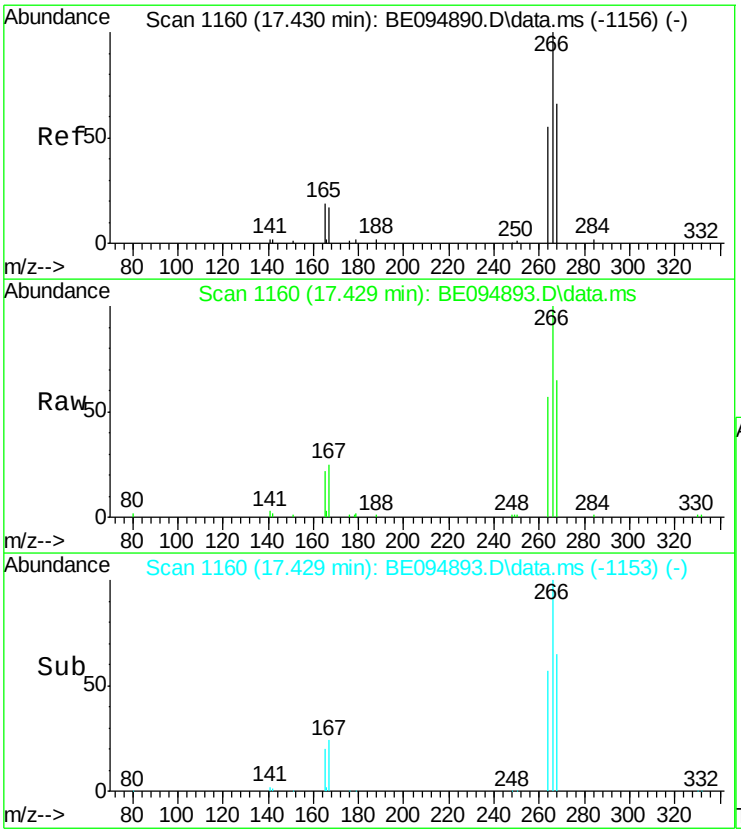
#21
Hexachlorobenzene
Concen: 3.28 ng
RT: 17.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 44872

Ion	Ratio	Lower	Upper
284	100		
142	46.3	22.1	33.1#
249	36.3	34.8	52.2

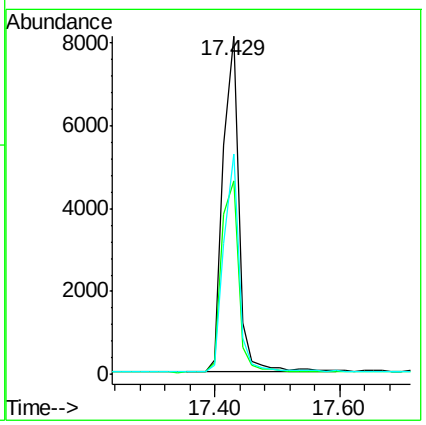


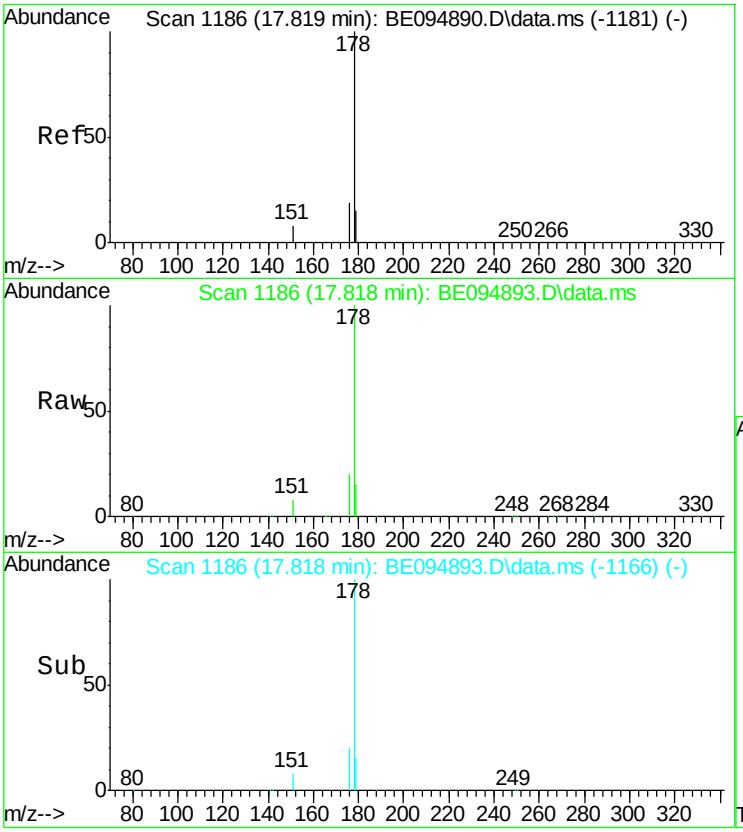


#22
Pentachlorophenol
Concen: 4.51 ng
RT: 17.429 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:266 Resp: 14334

Ion	Ratio	Lower	Upper
266	100		
264	57.1	72.5	108.7#
268	65.4	73.8	110.6#



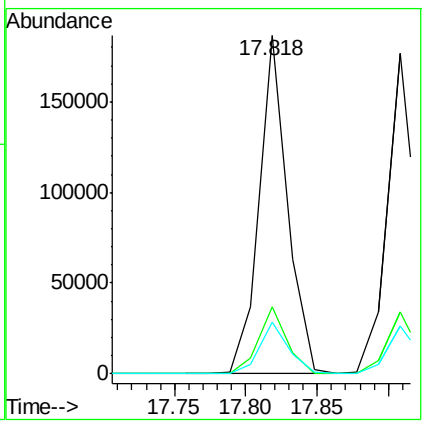


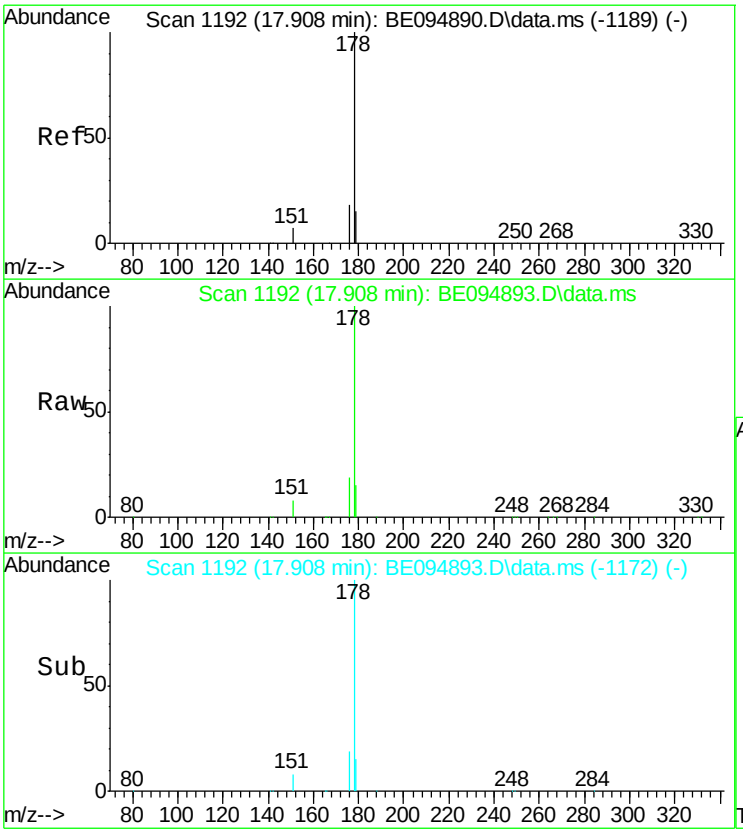
#23
Phenanthrene
Concen: 3.24 ng
RT: 17.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 260081

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	15.2	11.8	17.6

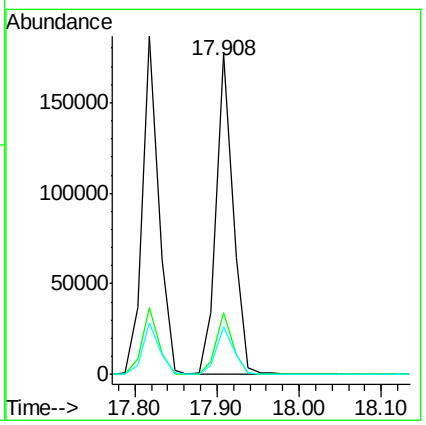


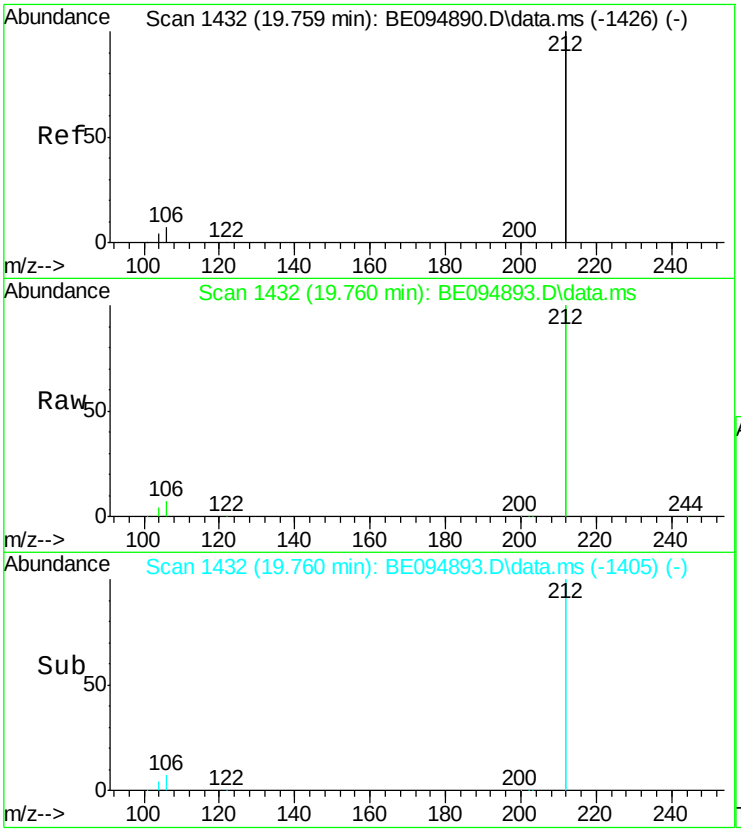


#24
Anthracene
Concen: 3.28 ng
RT: 17.908 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:178 Resp: 278844

Ion	Ratio	Lower	Upper
178	100		
176	19.3	12.8	19.2#
179	15.4	13.0	19.6



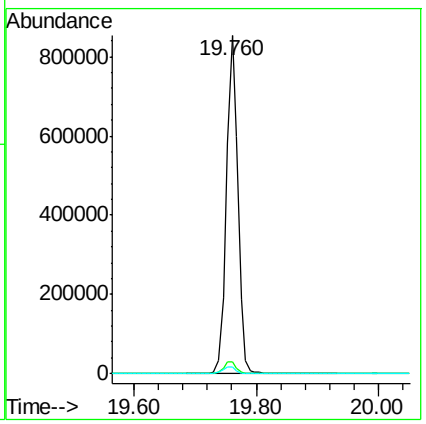


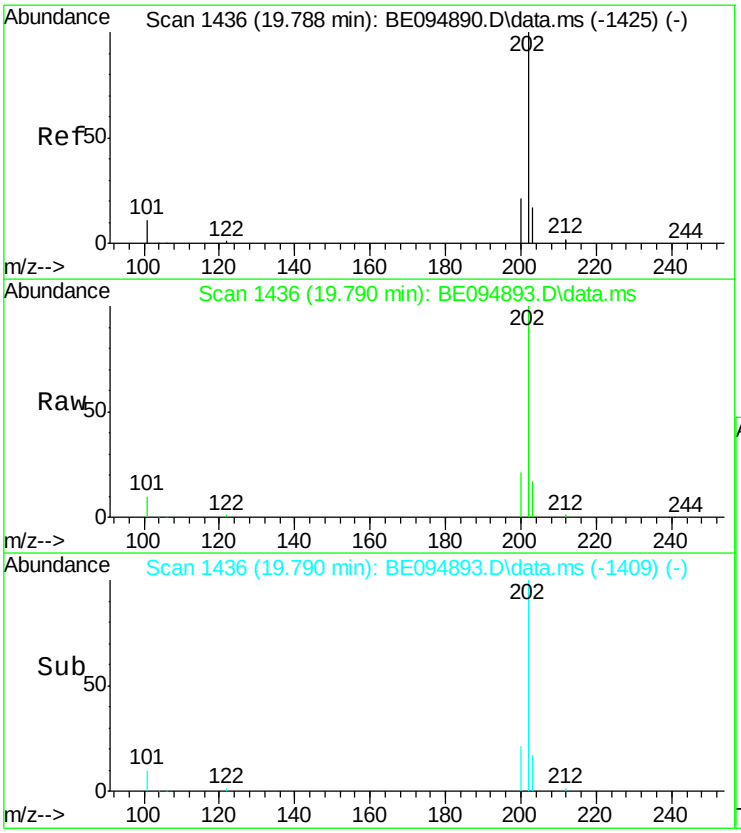
#25
Fluoranthene-d10
Concen: 3.22 ng
RT: 19.760 min Scan# 14
Delta R.T. 0.002 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 1110085

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

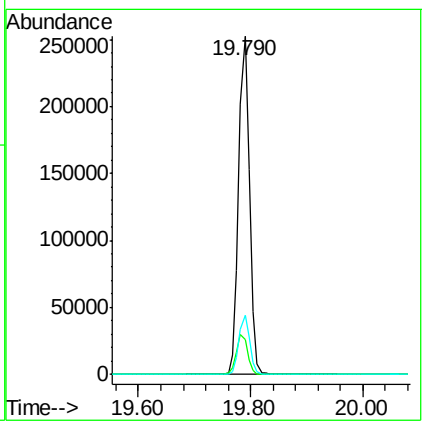


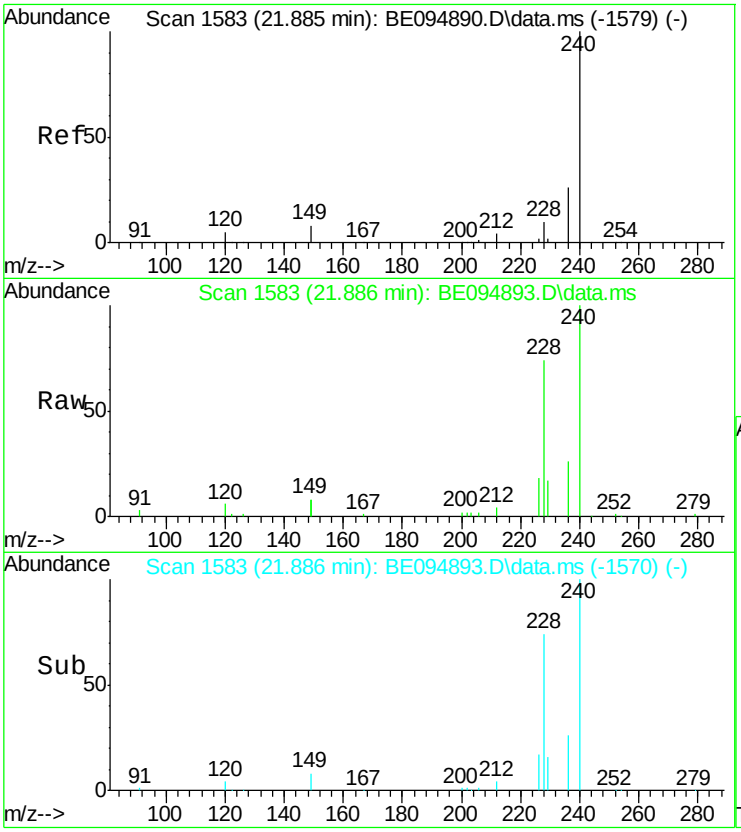


#26
Fluoranthene
Concen: 3.29 ng
RT: 19.790 min Scan# 1436
Delta R.T. 0.002 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:202 Resp: 338421

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
203	17.1	13.7	20.5



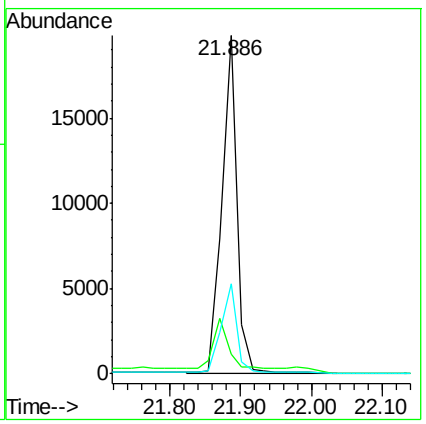


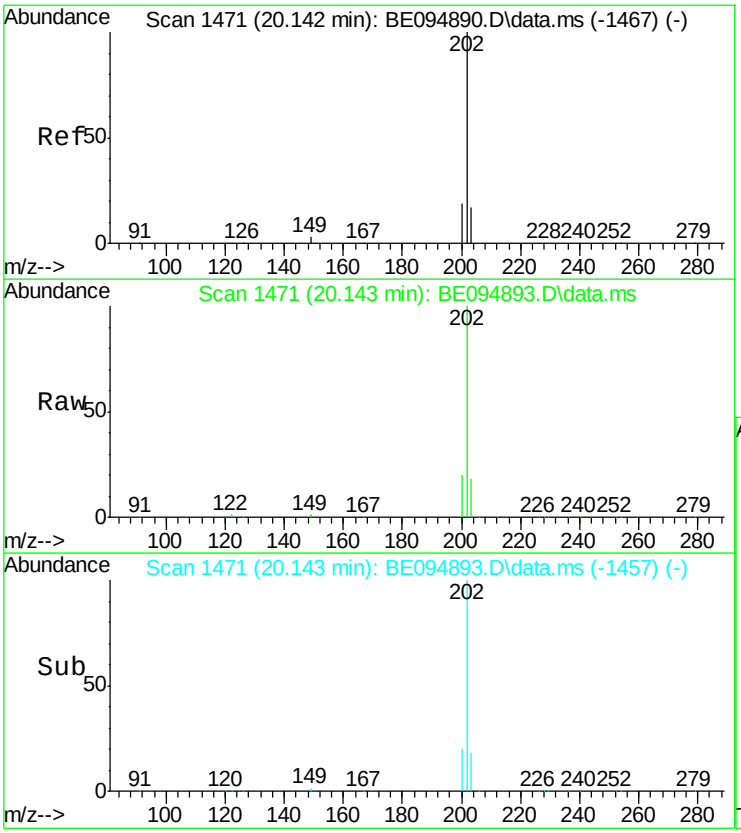
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.886 min Scan# 15
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 30833

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.5	8.3
236	26.4	20.7	31.1

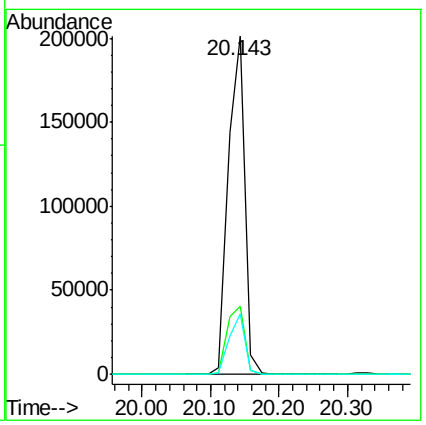


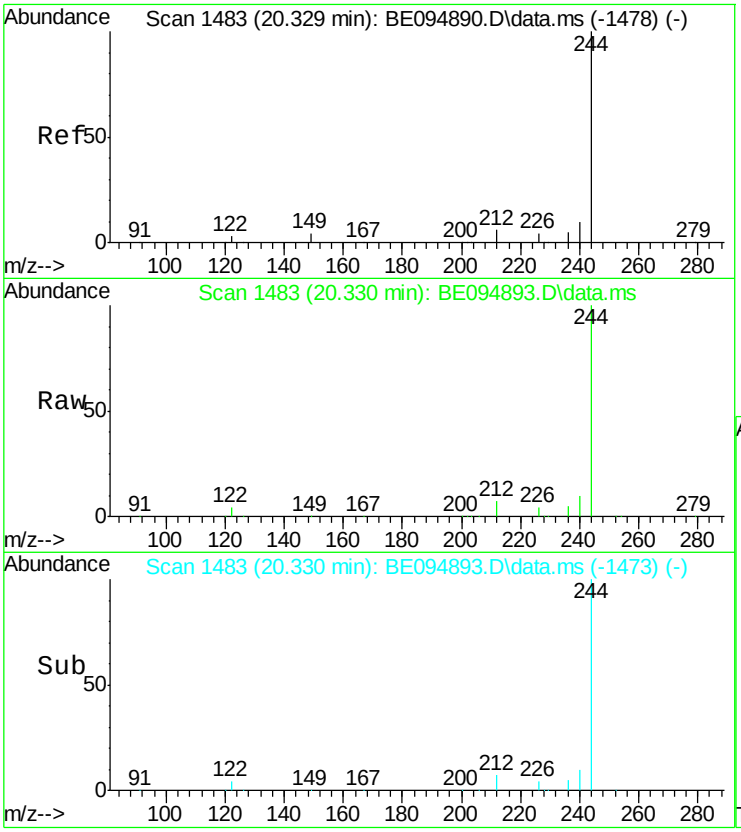


#28
Pyrene
Concen: 3.17 ng
RT: 20.143 min Scan# 1471
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:202 Resp: 338159

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	25.0
203	18.1	13.8	20.8



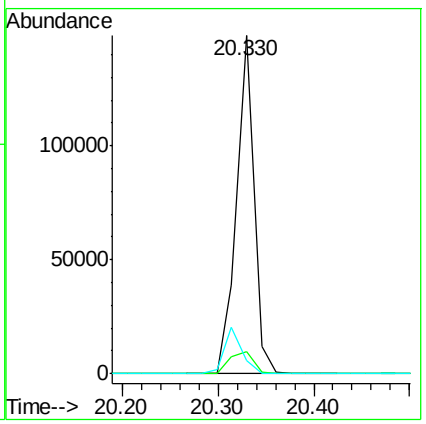


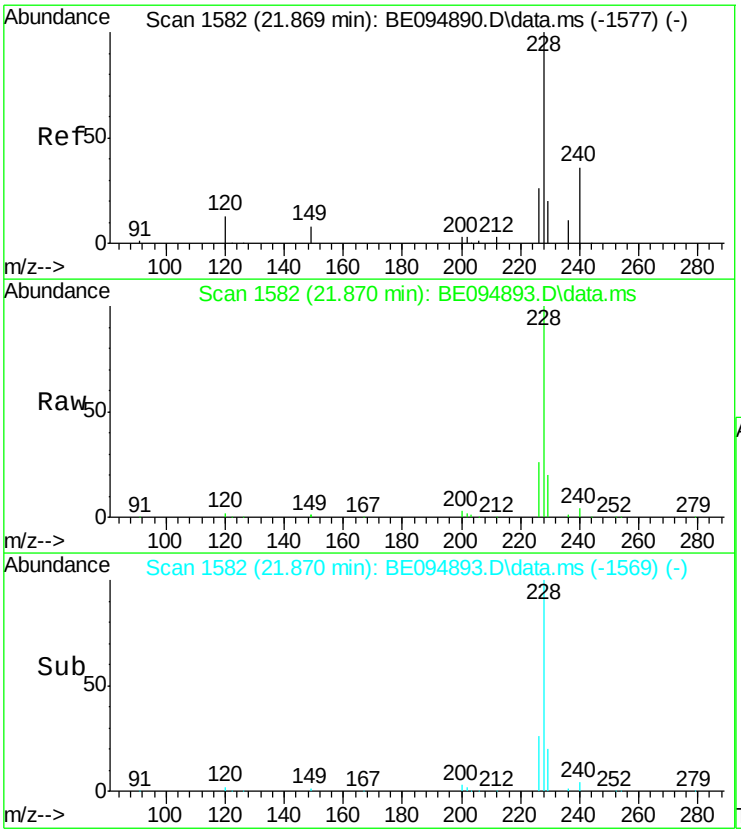
#29
Terphenyl-d14
Concen: 3.30 ng
RT: 20.330 min Scan# 14
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 186930

Ion	Ratio	Lower	Upper
244	100		
212	6.7	25.4	38.0#
122	3.7	8.1	12.1#

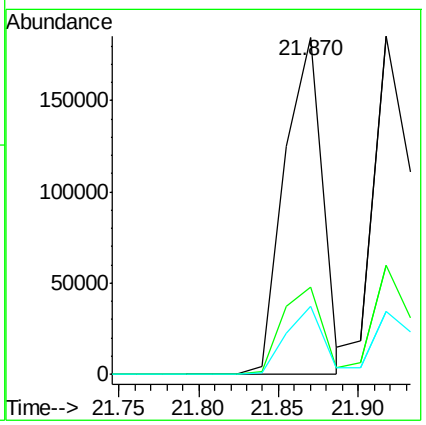


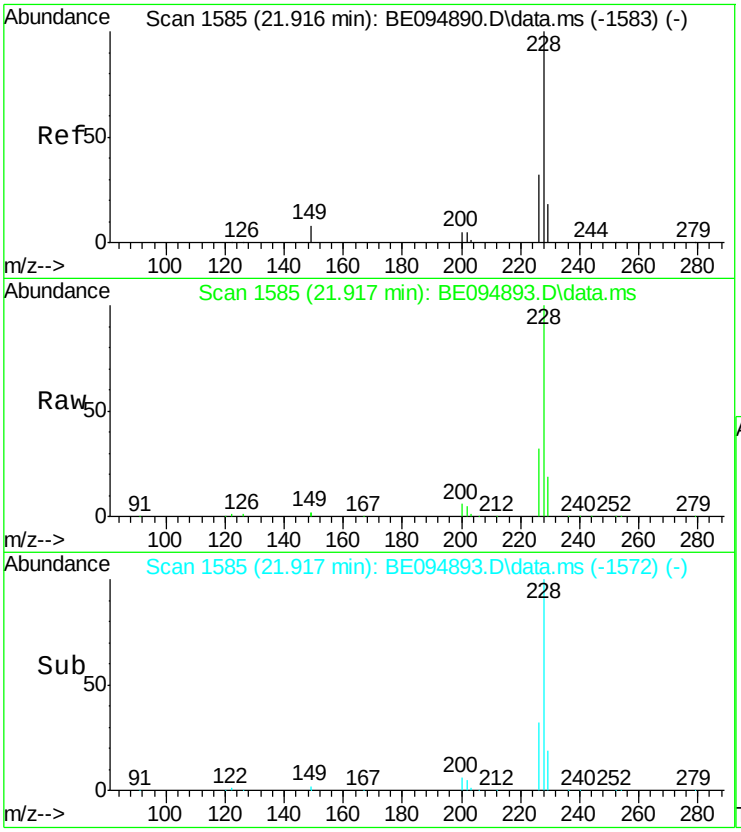


#30
Benzo(a)anthracene
Concen: 3.26 ng
RT: 21.870 min Scan# 1582
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:228 Resp: 306906

Ion	Ratio	Lower	Upper
228	100		
226	26.1	40.0	60.0#
229	20.1	40.0	60.0#



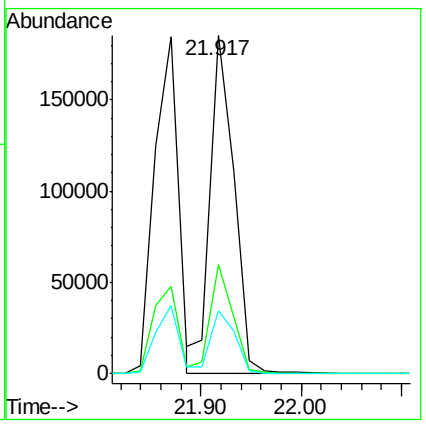


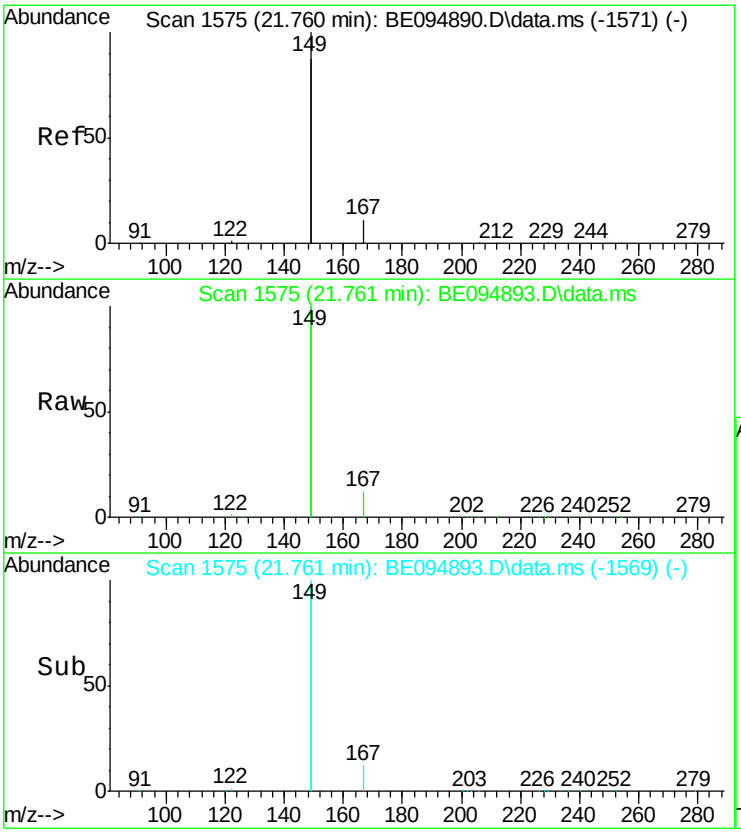
#31
Chrysene
Concen: 3.06 ng
RT: 21.917 min Scan# 15
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 321630

Ion	Ratio	Lower	Upper
228	100		
226	32.1	40.0	60.0#
229	18.8	40.0	60.0#

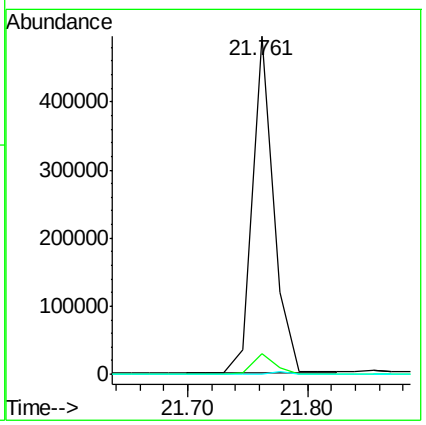


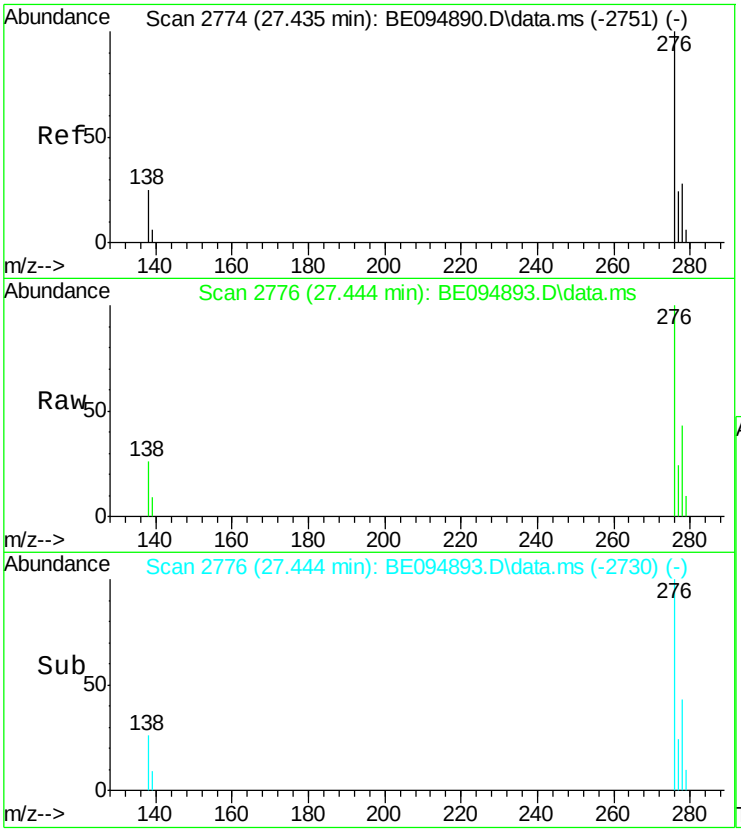


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.04 ng
RT: 21.761 min Scan# 1575
Delta R.T. 0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:149 Resp: 606207

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.7	0.7	1.1#



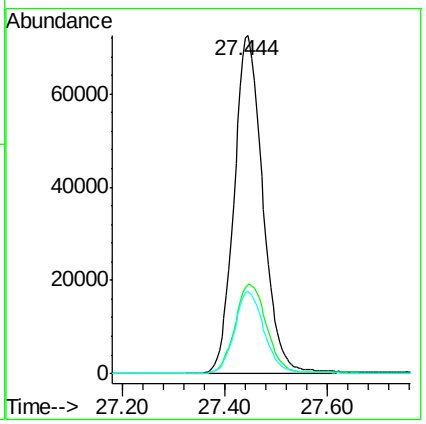


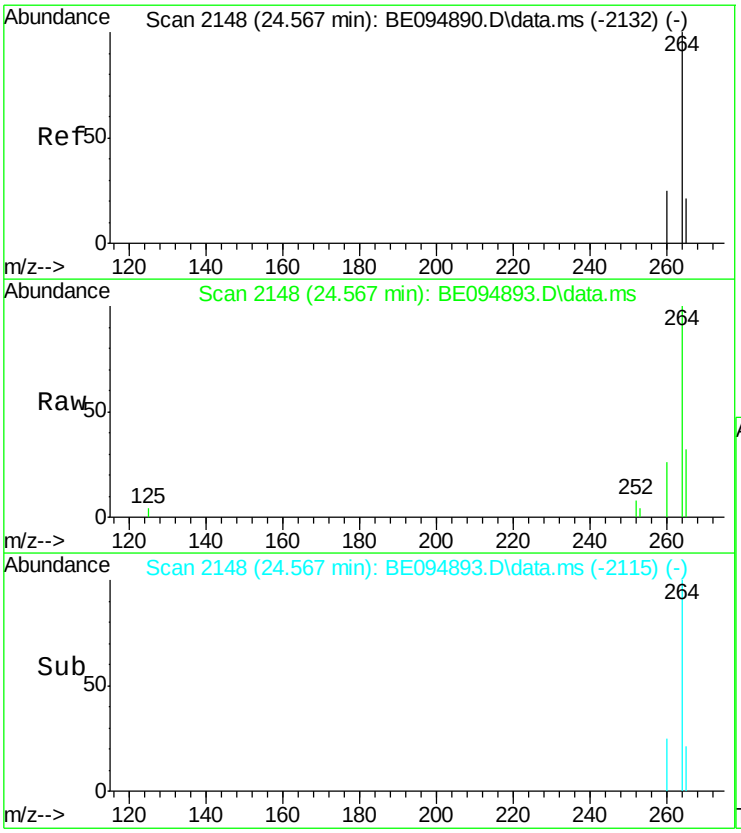
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.33 ng
RT: 27.444 min Scan# 27
Delta R.T. 0.008 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 282806

Ion	Ratio	Lower	Upper
276	100		
138	29.0	22.5	33.7
277	24.9	19.9	29.9

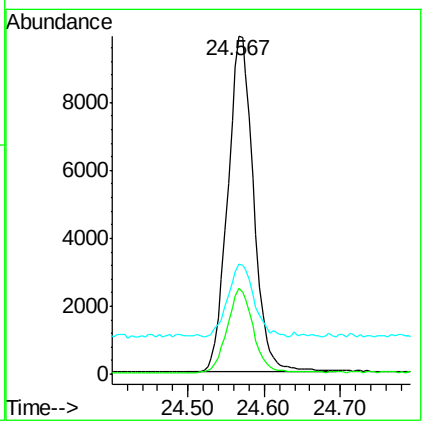


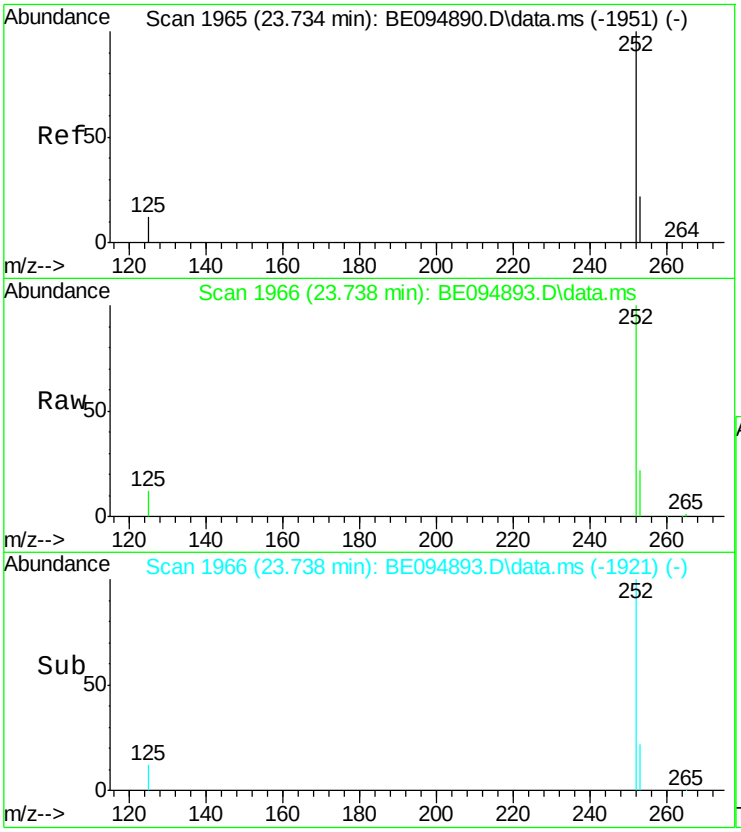


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.567 min Scan# 2148
Delta R.T. -0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:264 Resp: 23477

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	32.4	22.8	34.2



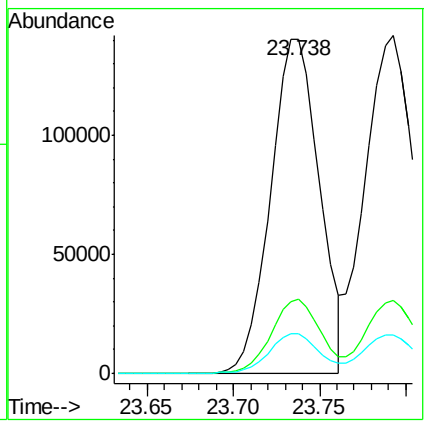


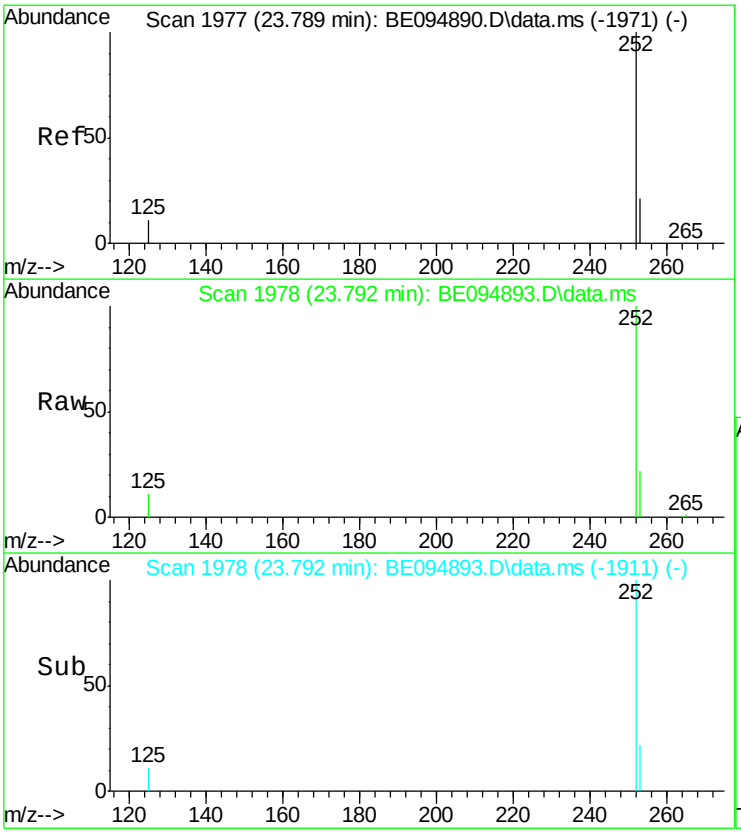
#35
Benzo(b)fluoranthene
Concen: 3.21 ng
RT: 23.738 min Scan# 19
Delta R.T. 0.004 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 275291

Ion	Ratio	Lower	Upper
252	100		
253	22.1	48.0	72.0#
125	11.7	56.0	84.0#

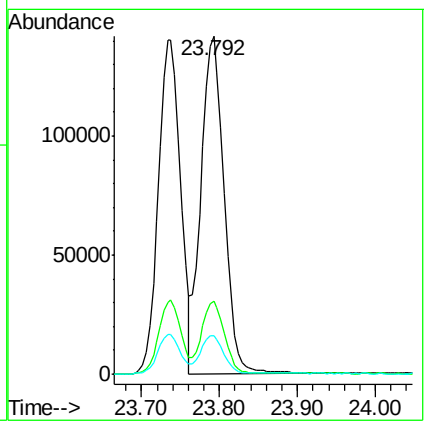


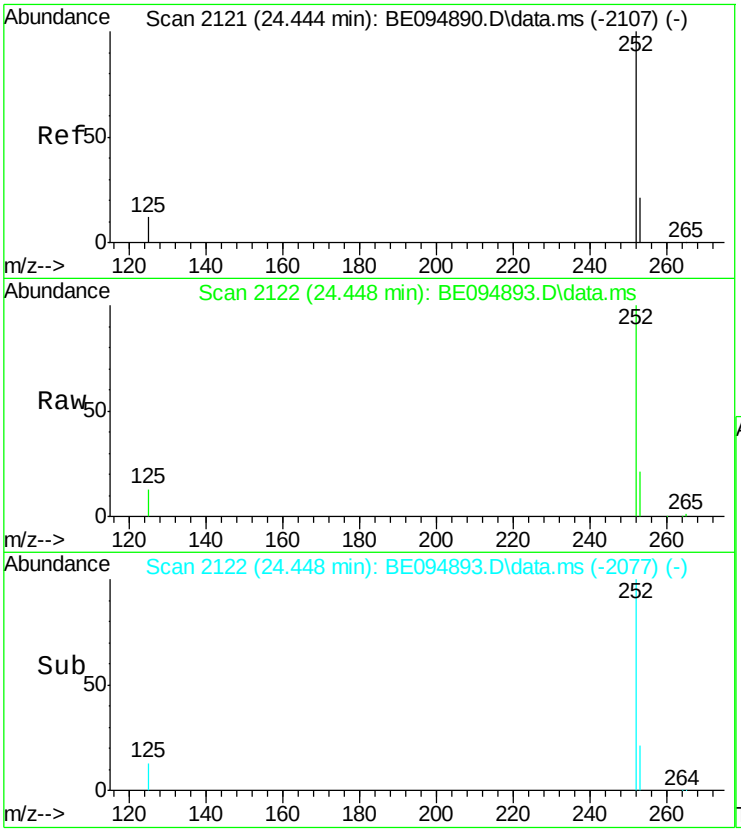


#36
Benzo(k)fluoranthene
Concen: 3.37 ng
RT: 23.792 min Scan# 1978
Delta R.T. 0.004 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:252 Resp: 291986

Ion	Ratio	Lower	Upper
252	100		
253	21.7	48.0	72.0#
125	11.5	56.0	84.0#



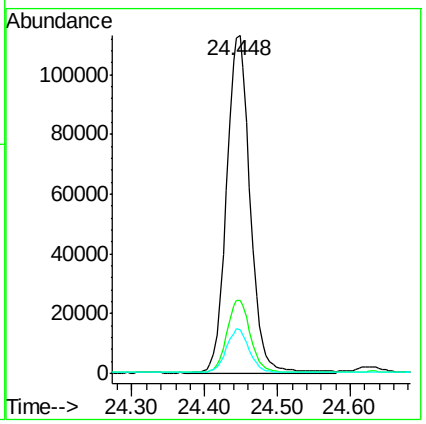


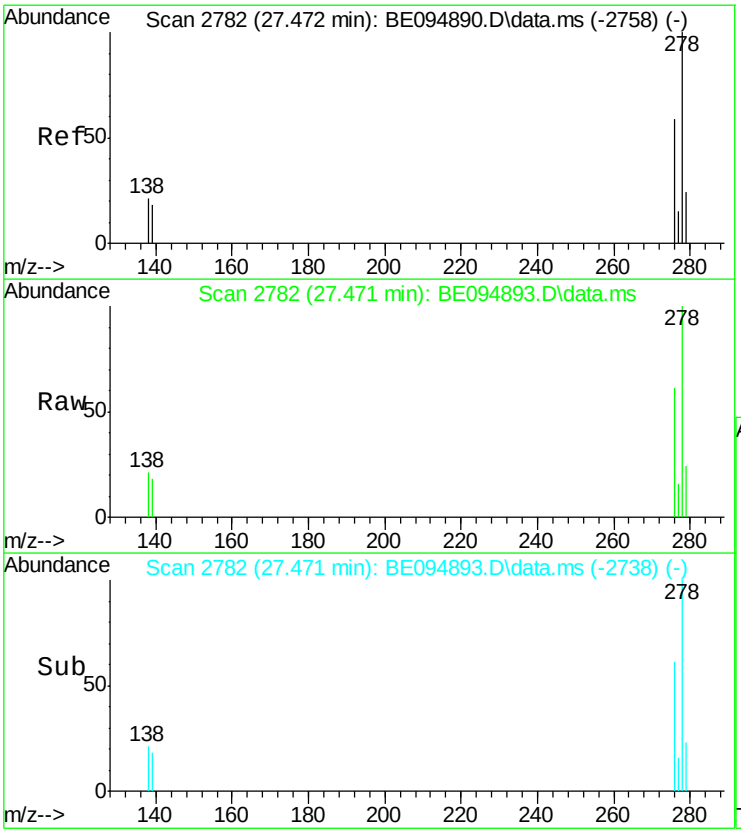
#37
Benzo(a)pyrene
Concen: 3.42 ng
RT: 24.448 min Scan# 21
Delta R.T. 0.004 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 254380

Ion	Ratio	Lower	Upper
252	100		
253	21.4	52.0	78.0#
125	13.0	68.0	102.0#

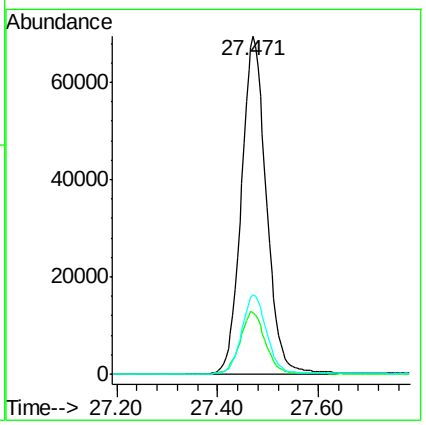


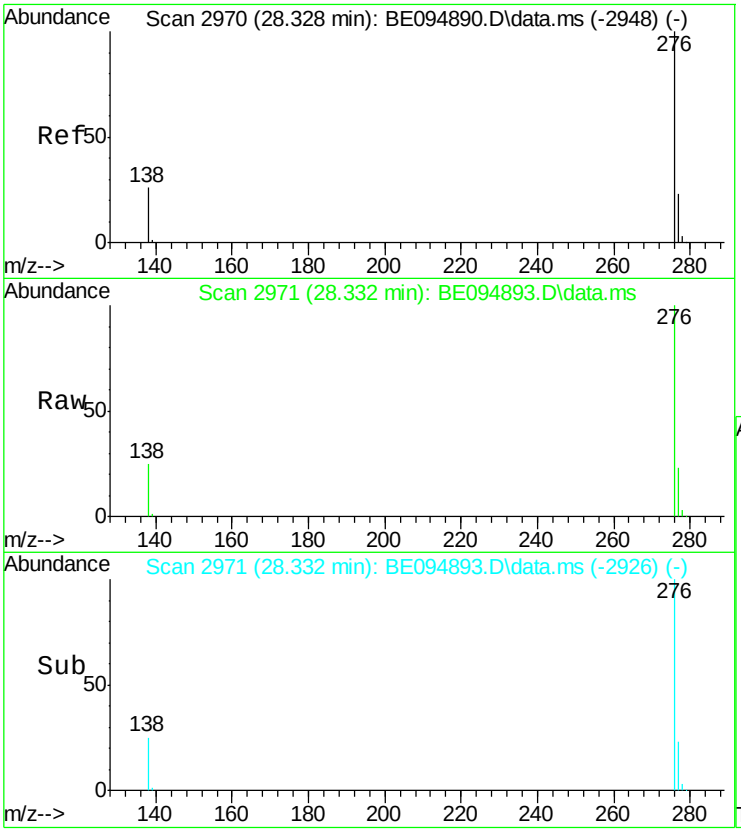


#38
Dibenzo(a,h)anthracene
Concen: 3.50 ng
RT: 27.471 min Scan# 2782
Delta R.T. -0.001 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Tgt Ion:278 Resp: 239076

Ion	Ratio	Lower	Upper
278	100		
139	18.2	56.0	84.0#
279	23.6	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 3.38 ng
RT: 28.332 min Scan# 29
Delta R.T. 0.004 min
Lab File: BE094893.D
Acq: 30 Nov 2017 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 232350

Ion	Ratio	Lower	Upper
276	100		
277	23.2	52.0	78.0#
138	24.9	44.0	66.0#