Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
Data File : BE094891.D
Acq On : 30 Nov 2017 14:24
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Nov 30 15:22:27 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	8.49	152	8503	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	19248	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	10825	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	26849	0.40	ng		0.00
27) Chrysene-d12	21.89	240	33006	0.40	ng		0.00
34) Perylene-d12	24.57	264	24996	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.96	112	10550	0.36	ng		0.00
5) Phenol-d6	7.59	99	15810	0.36	ng		0.00
8) Nitrobenzene-d5	9.66	82	8811	0.57	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	24037	0.78	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1785	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	36611	0.96	ng		0.00
25) Fluoranthene-d10	19.76	212	285856	1.01	ng		0.00
29) Terphenyl-d14	20.33	244	47599	0.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	6823	0.474	ng	#	88
3) n-Nitrosodimethylamine	4.02	42	9258	0.672	ng	#	79
6) bis(2-Chloroethyl)ether	7.88	93	15778	0.464	ng		98
9) Naphthalene	11.38	128	173735	0.798	ng		99
10) Hexachlorobutadiene	11.64	225	7353	0.933	ng		97
12) 2-Methylnaphthalene	12.94	142	42373	1.146	ng		96
16) Acenaphthylene	14.80	152	47368	0.829	ng		100
17) Acenaphthene	15.14	154	30783	0.839	ng		97
18) Fluorene	16.10	166	39183	0.833	ng	#	78
20) 4-Bromophenyl-phenylether	16.98	248	11497	0.786	ng	#	64
21) Hexachlorobenzene	17.08	284	11448	0.892	ng	#	80
22) Pentachlorophenol	17.43	266	2564	1.564	ng	#	71
23) Phenanthrene	17.82	178	66491	1.022	ng		99
24) Anthracene	17.91	178	68840	0.872	ng	#	95
26) Fluoranthene	19.79	202	87649	1.016	ng		100
28) Pyrene	20.14	202	88205	0.764	ng		96
30) Benzo(a)anthracene	21.87	228	77530	0.721	ng	#	61
31) Chrysene	21.92	228	84759	0.777	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.76	149	118005	0.448	ng		100
33) Indeno(1,2,3-cd)pyrene	27.44	276	68813	0.683	ng		98
35) Benzo(b)fluoranthene	23.73	252	70711	0.874	ng	#	39
36) Benzo(k)fluoranthene	23.79	252	73936	0.858	ng	#	39
37) Benzo(a)pyrene	24.45	252	62372	0.795	ng	#	33
38) Dibenzo(a,h)anthracene	27.48	278	58531	0.831	ng	#	42
39) Benzo(g,h,i)perylene	28.33	276	58108	0.881	ng	#	53

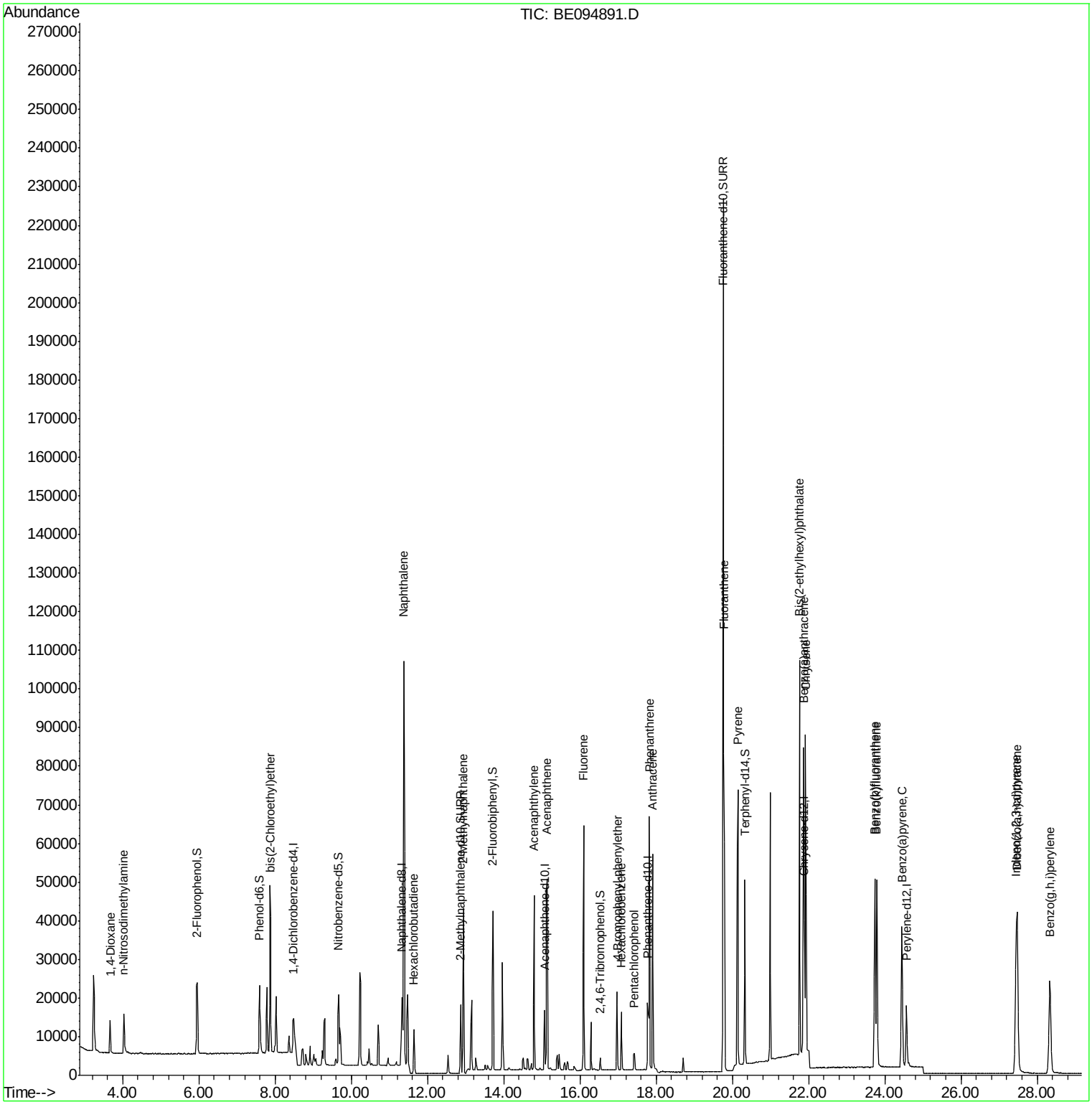
(#) = qualifier out of range (m) = manual integration (+) = signals summed

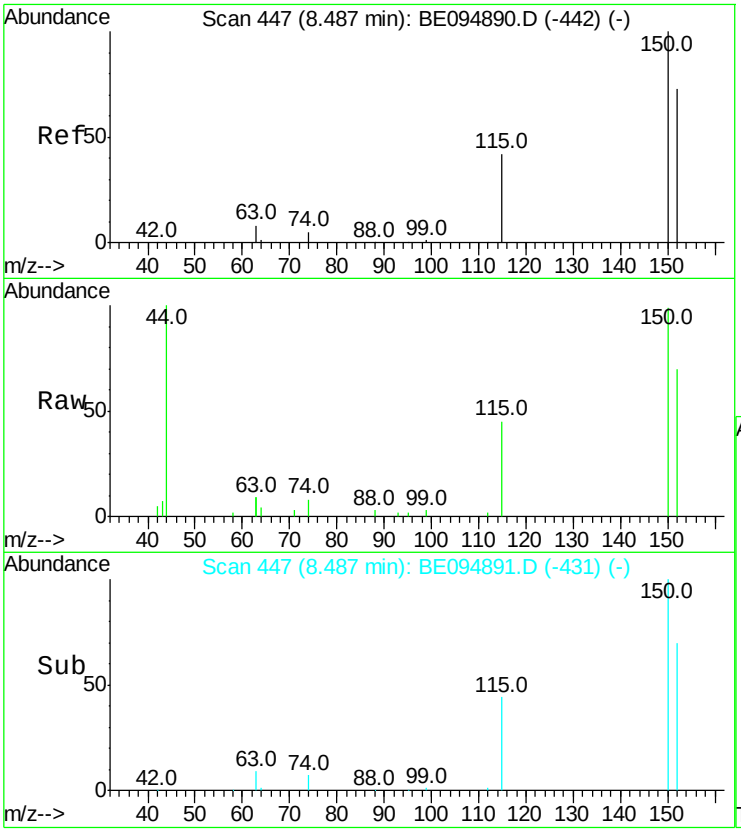
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
Data File : BE094891.D
Acq On : 30 Nov 2017 14:24
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 30 15:22:27 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



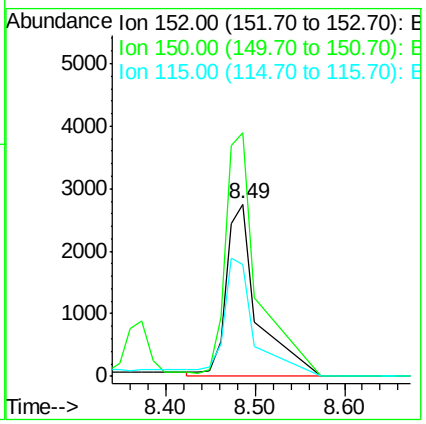


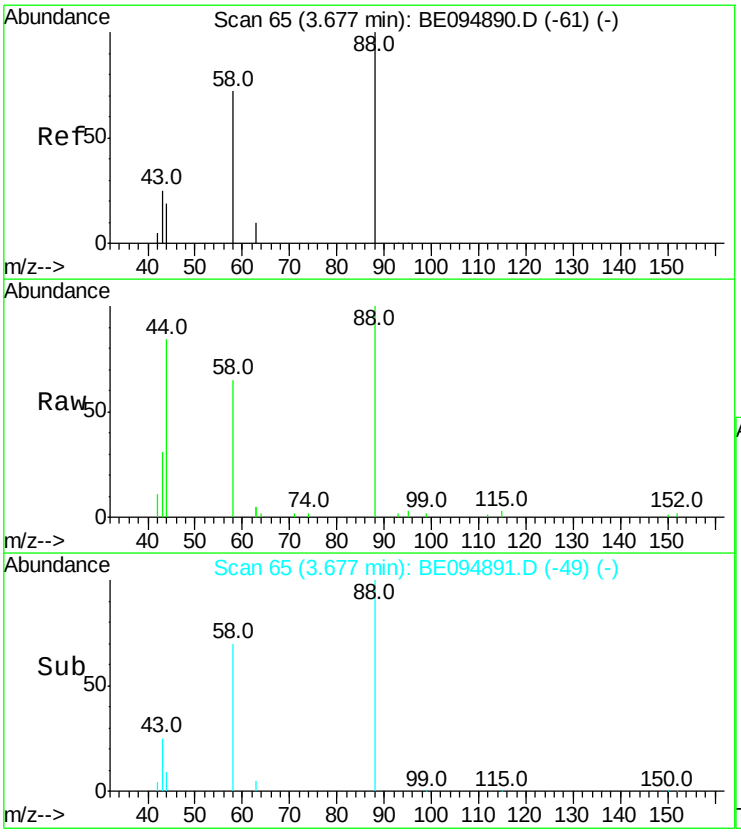
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.49 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 8503

Ion	Ratio	Lower	Upper
152	100		
150	141.1	117.2	175.8
115	64.7	57.0	85.6

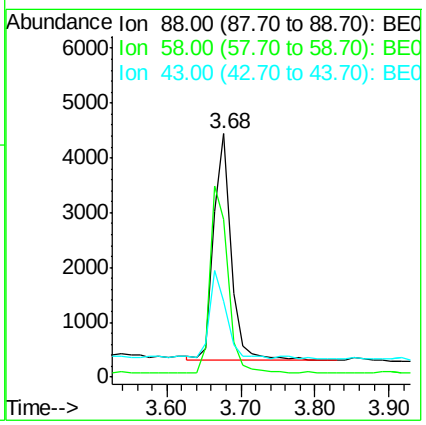


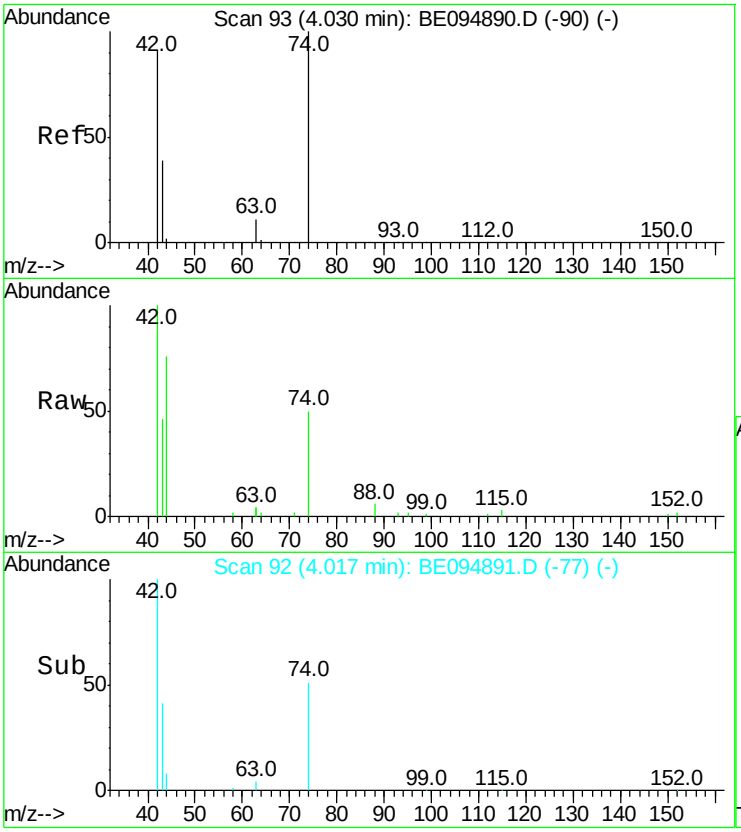


#2
1,4-Dioxane
Concen: 0.474 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion: 88 Resp: 6823

Ion	Ratio	Lower	Upper
88	100		
58	84.7	63.2	94.8
43	37.5	41.2	61.8#



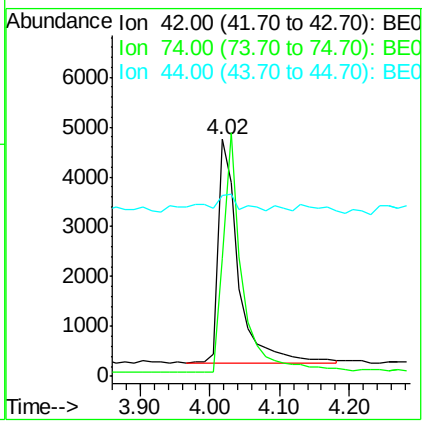


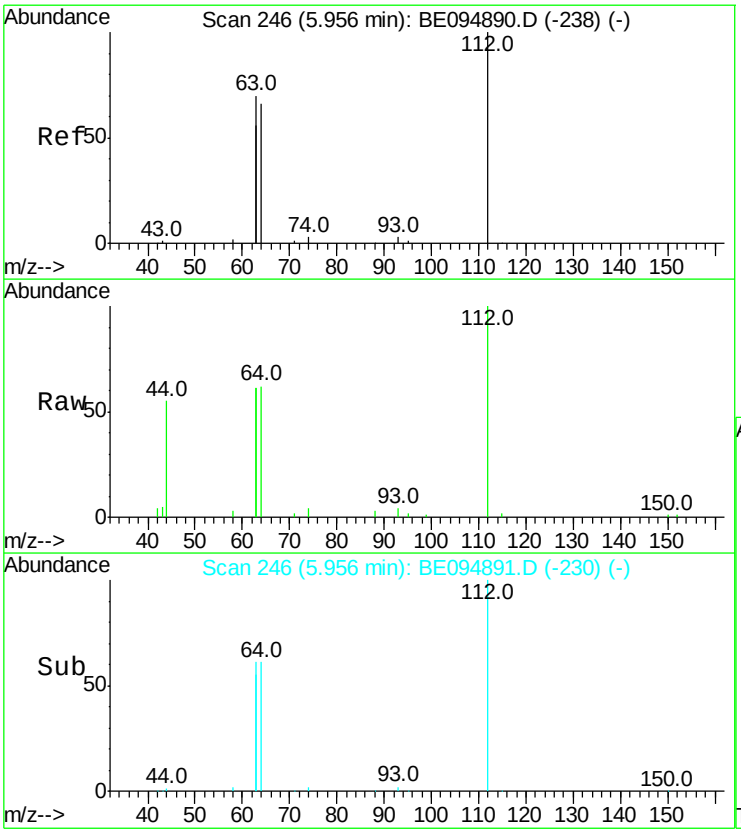
#3
n-Nitrosodimethylamine
Concen: 0.672 ng
RT: 4.02 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 9258

Ion	Ratio	Lower	Upper
42	100		
74	100.4	100.3	150.5
44	14.8	17.0	25.4#

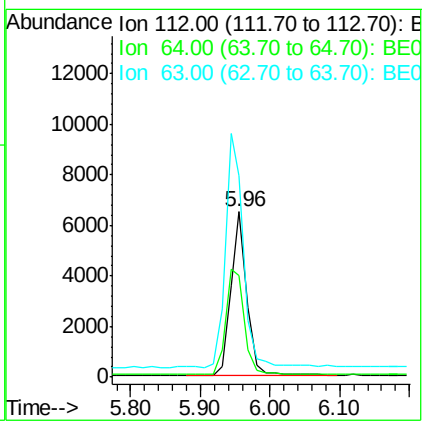


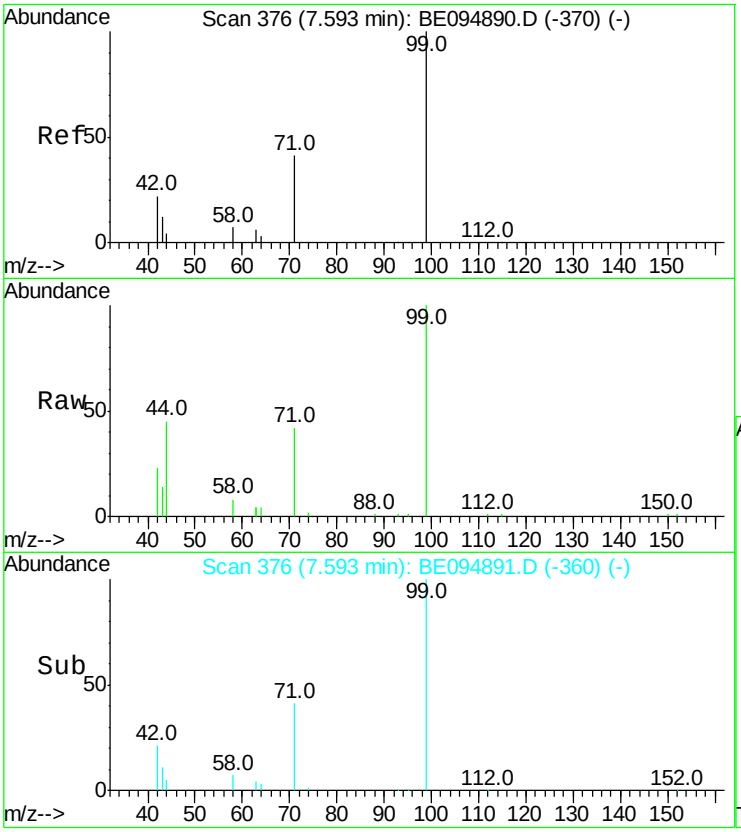


#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.96 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:112 Resp: 10550

Ion	Ratio	Lower	Upper
112	100		
64	75.6	60.1	90.1
63	161.2	116.8	175.2



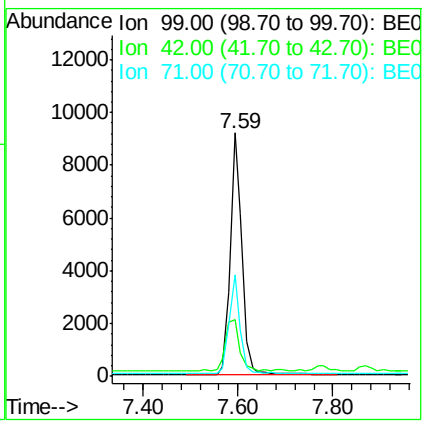


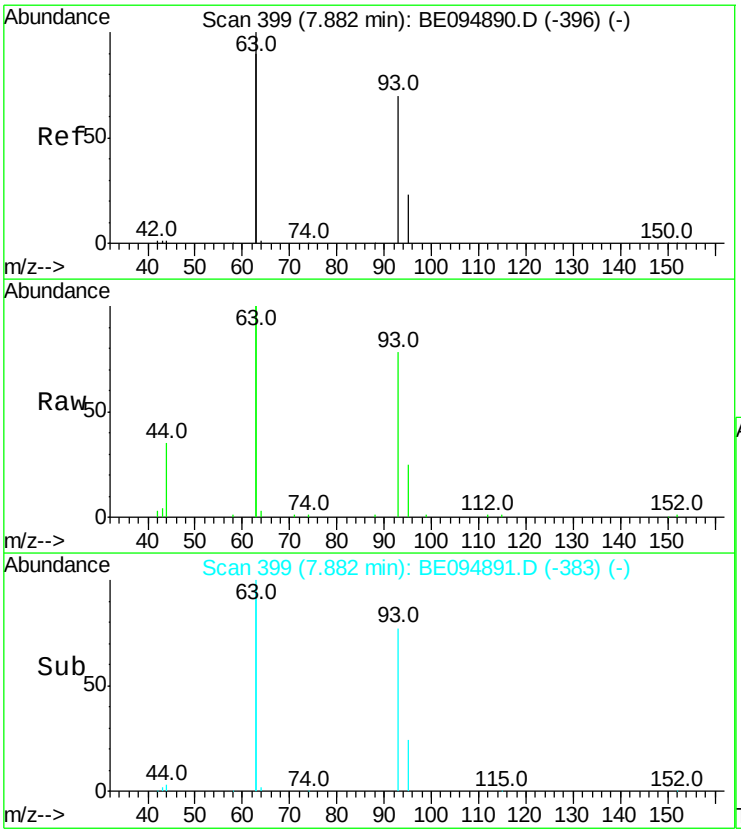
#5
Phenol-d6
Concen: 0.360 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 15810

Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.2	30.2
71	39.4	28.4	42.6

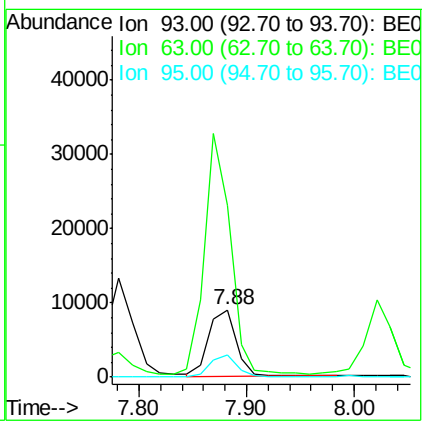


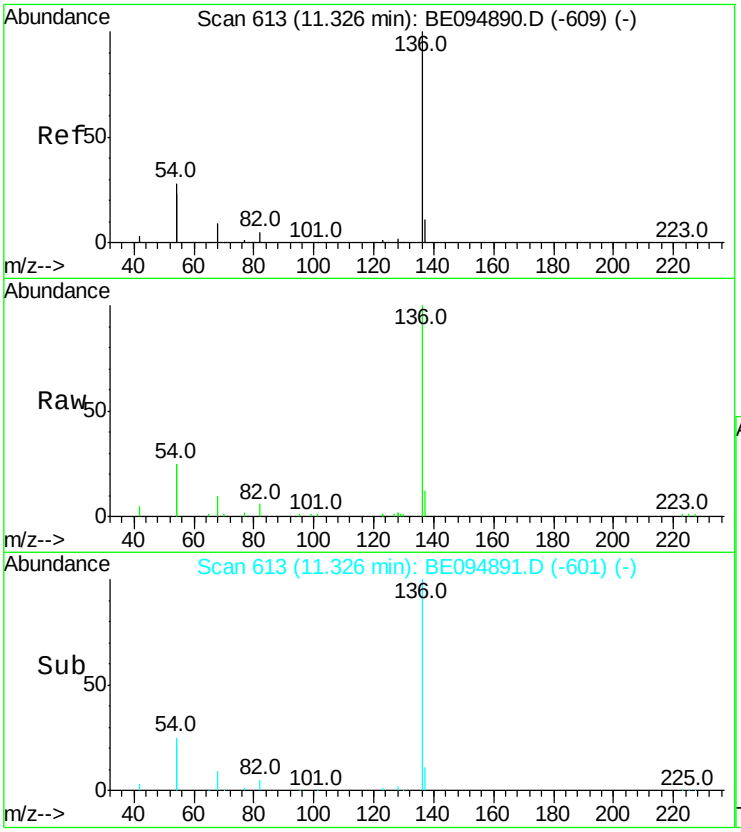


#6
bis(2-Chloroethyl)ether
Concen: 0.464 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion: 93 Resp: 15778

Ion	Ratio	Lower	Upper
93	100		
63	339.3	275.3	412.9
95	30.9	25.2	37.8



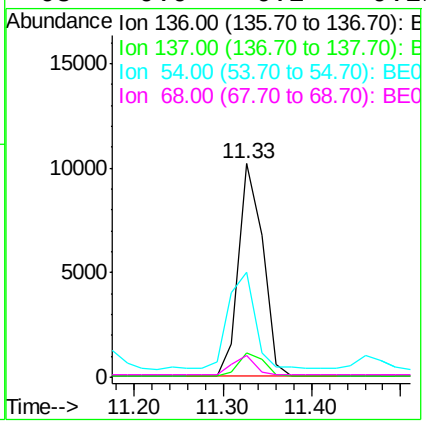


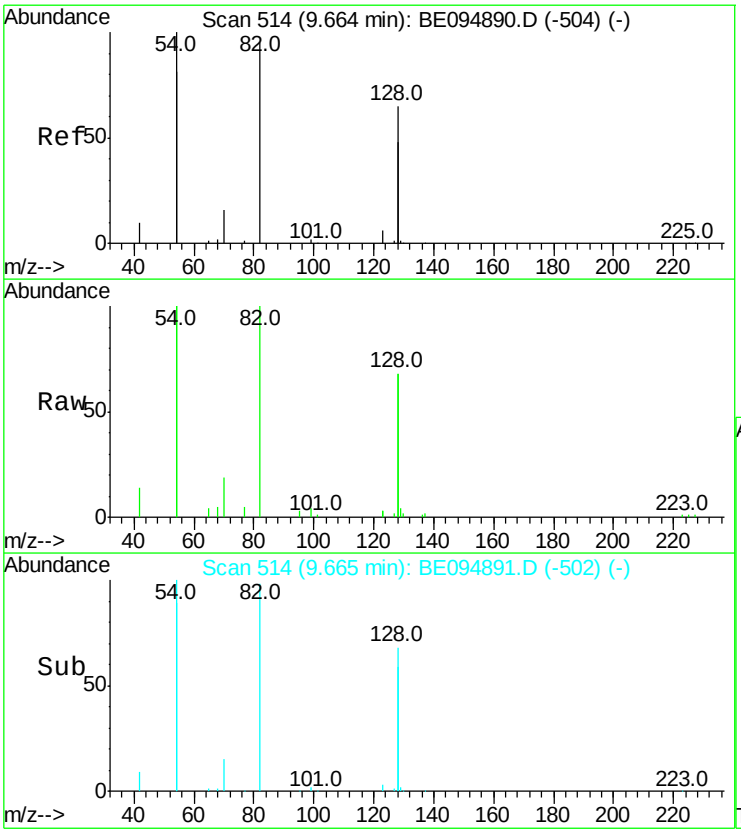
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 19248

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	49.3	29.1	43.7#
68	9.9	6.2	9.2#

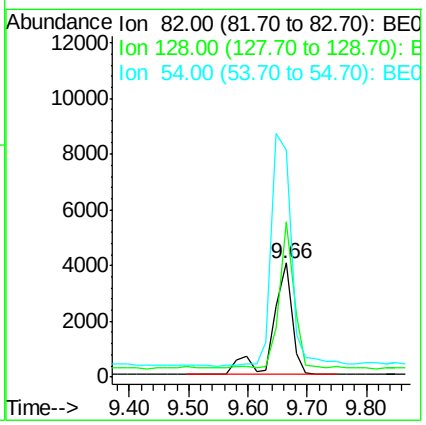


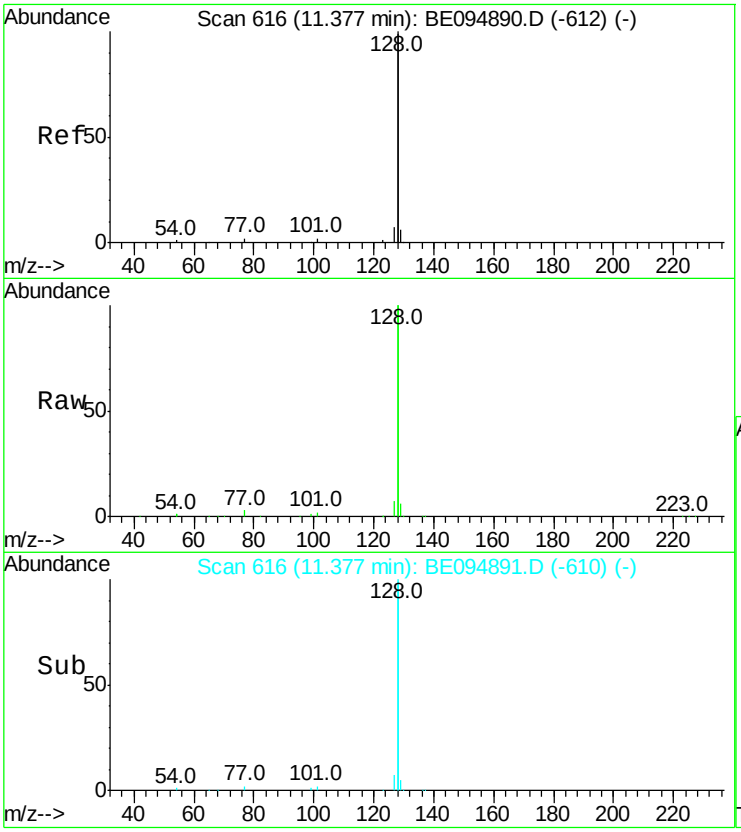


#8
Nitrobenzene-d5
Concen: 0.573 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion: 82 Resp: 8811

Ion	Ratio	Lower	Upper
82	100		
128	135.9	150.0	225.0#
54	199.2	154.2	231.4



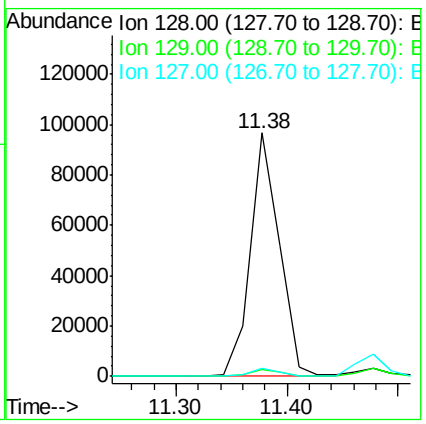


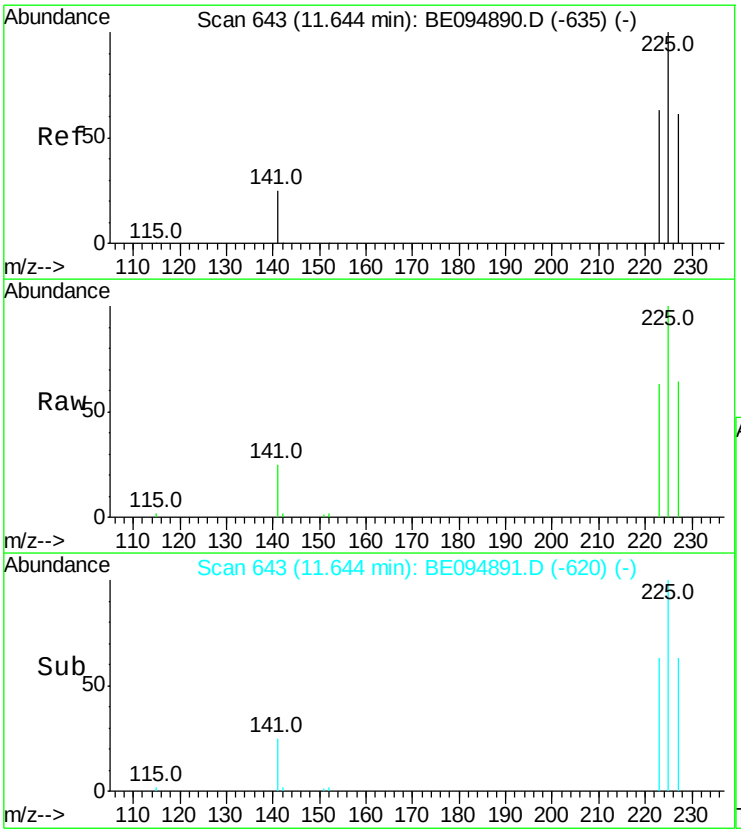
#9
Naphthalene
Concen: 0.798 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 173735

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

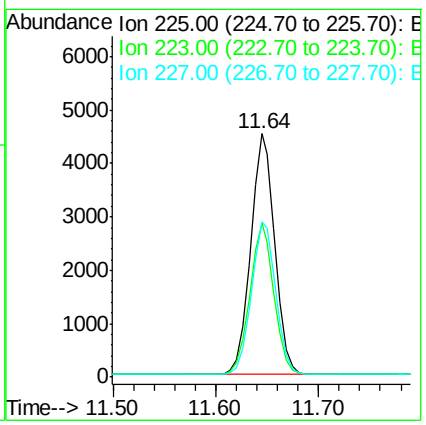


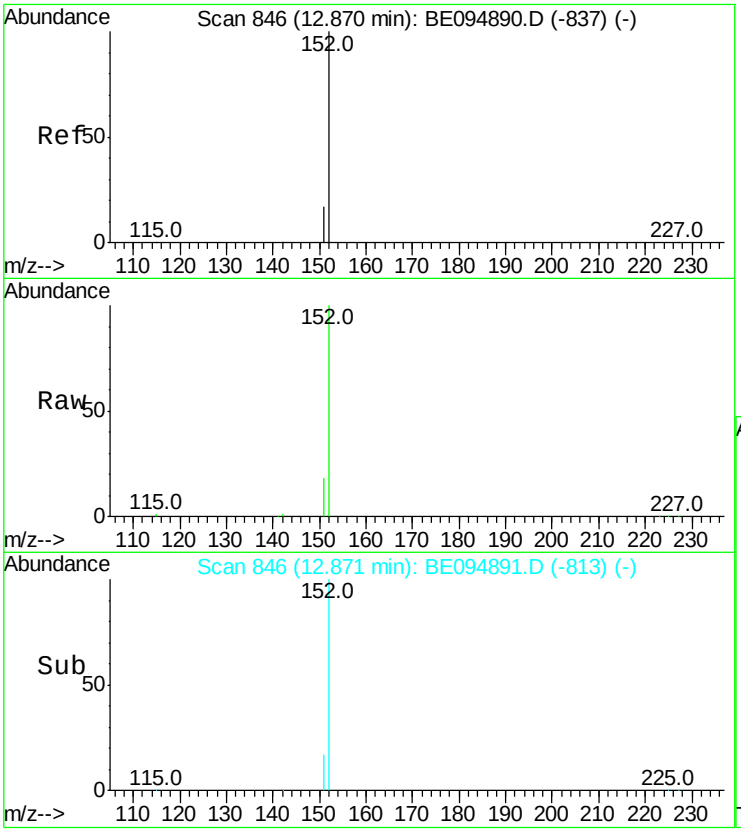


#10
Hexachlorobutadiene
Concen: 0.933 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:225 Resp: 7353

Ion	Ratio	Lower	Upper
225	100		
223	62.3	53.0	79.6
227	64.1	51.4	77.2



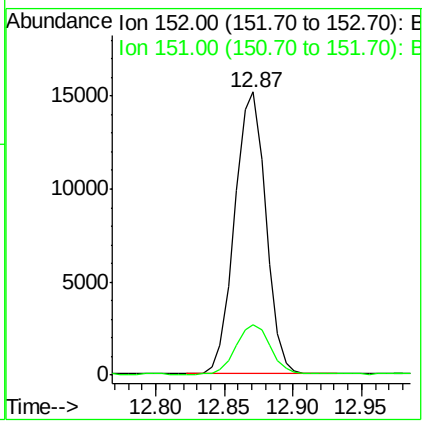


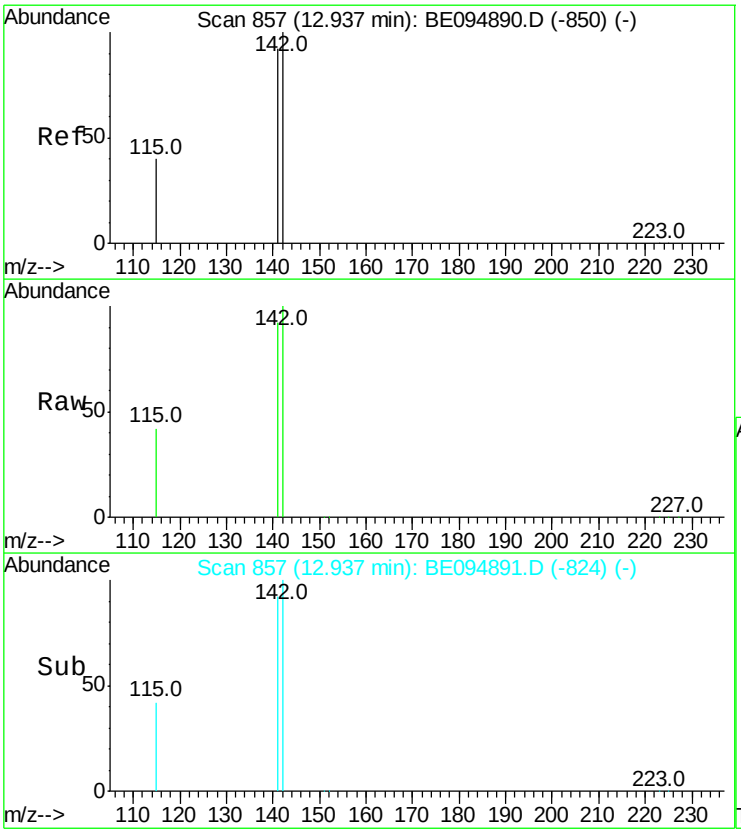
#11
2-Methylnaphthalene-d10
Concen: 0.778 ng
RT: 12.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 24037

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

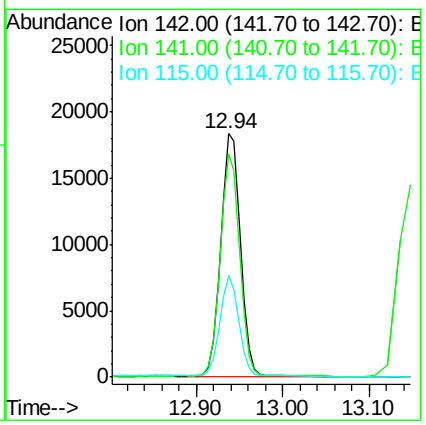


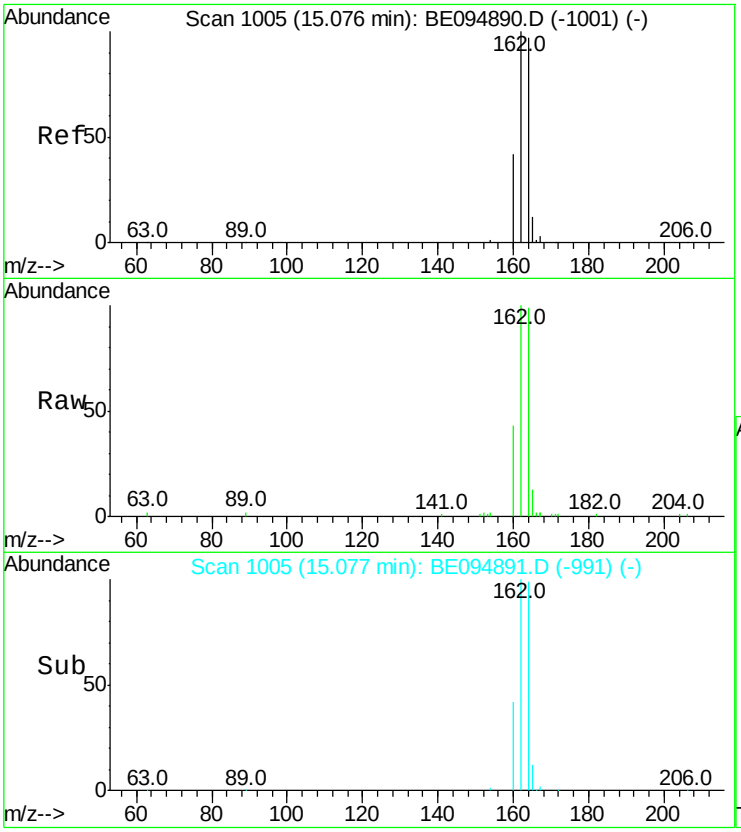


#12
2-Methylnaphthalene
Concen: 1.146 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:142 Resp: 42373

Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.4	105.6
115	41.9	31.7	47.5



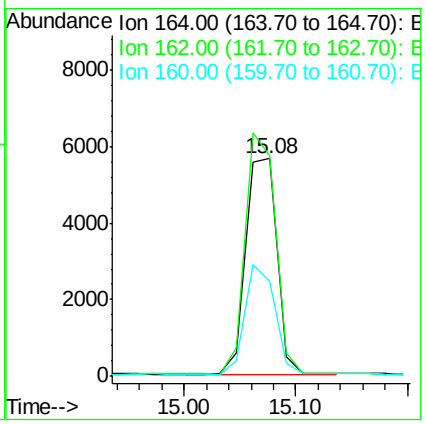


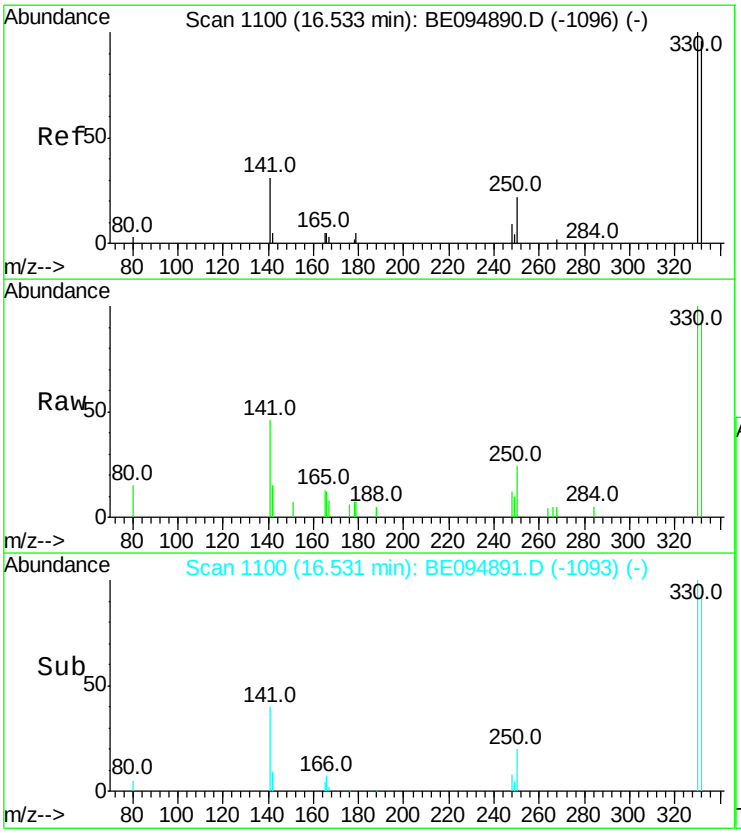
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 10825

Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.1	124.7
160	43.5	37.1	55.7

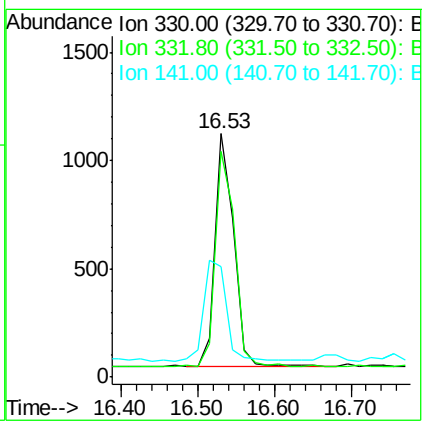


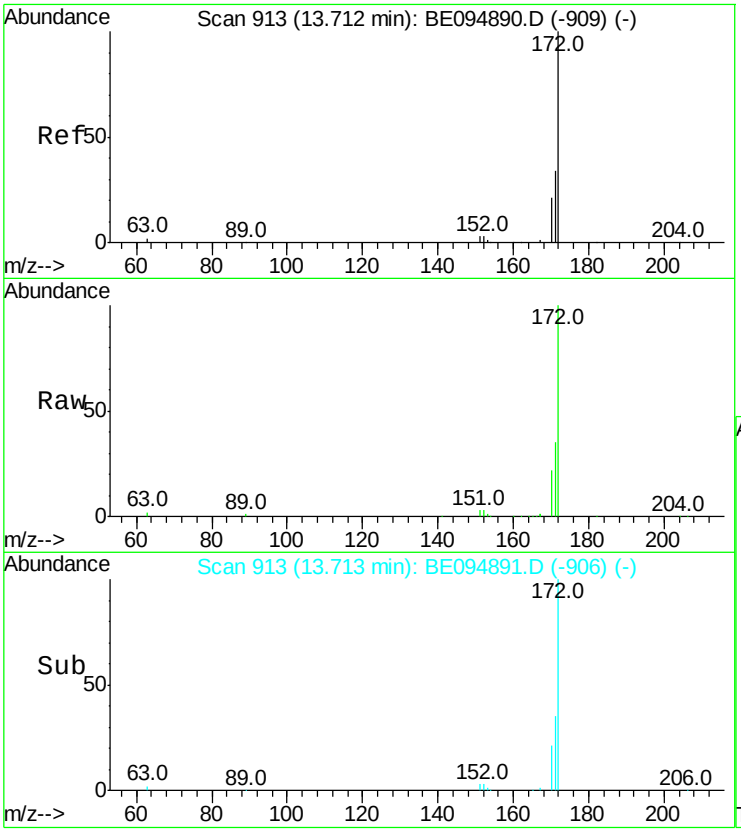


#14
2,4,6-Tribromophenol
Concen: 0.598 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:330 Resp: 1785

Ion	Ratio	Lower	Upper
330	100		
332	97.8	152.7	229.1#
141	54.0	33.7	50.5#



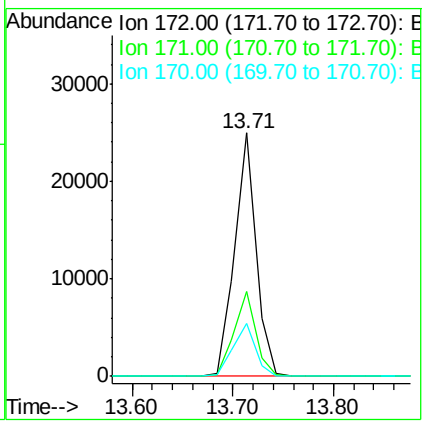


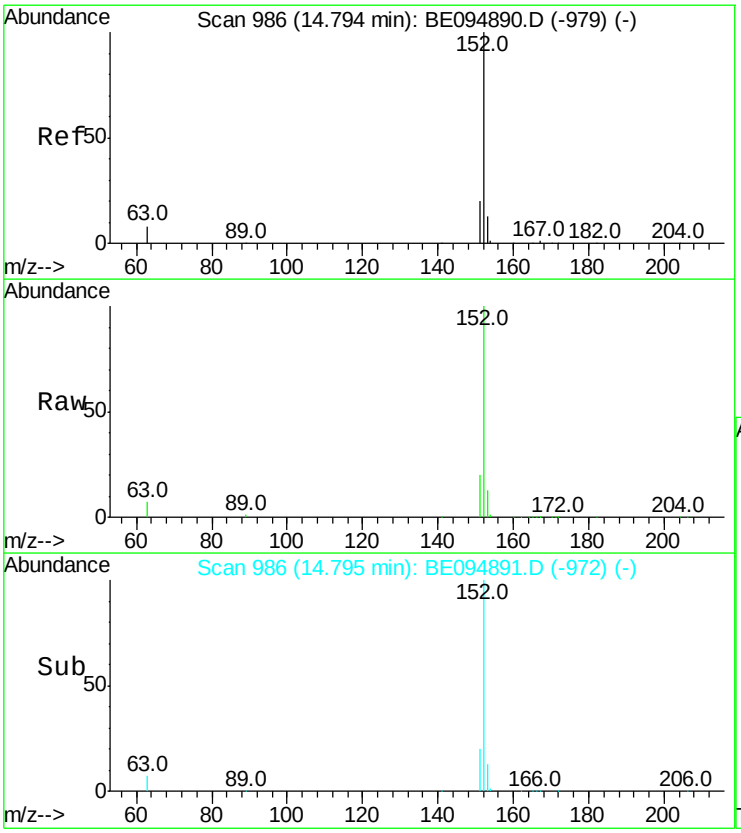
#15
2-Fluorobiphenyl
Concen: 0.960 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 36611

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	21.7	21.8	32.8#

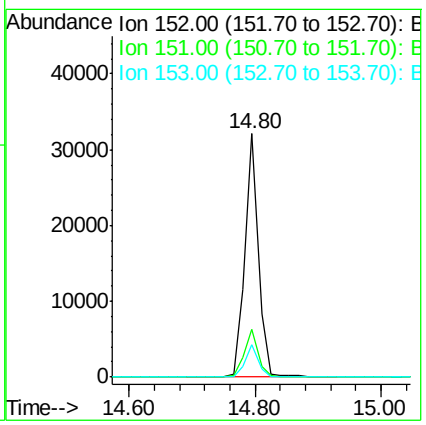


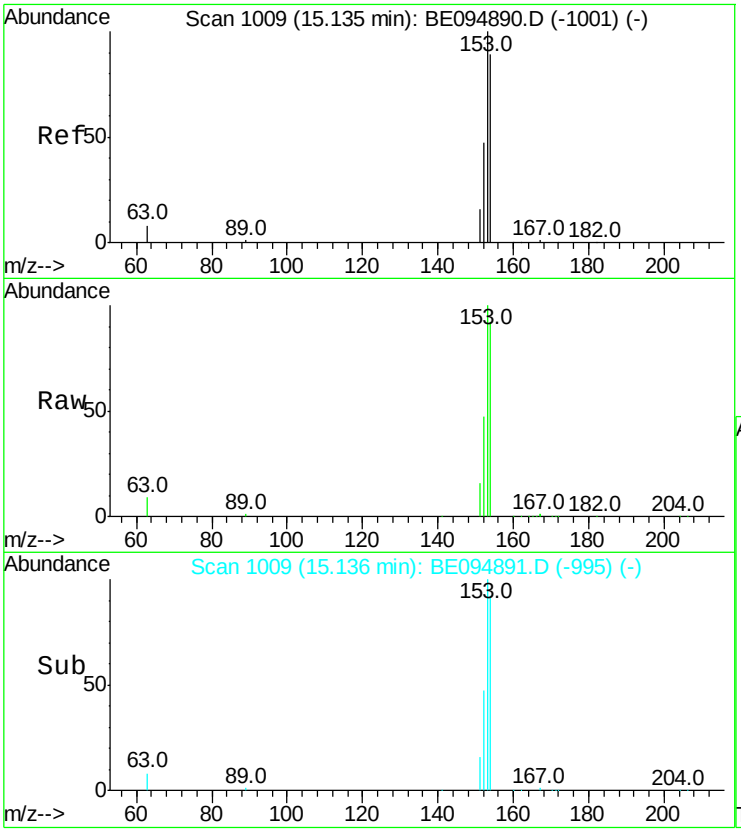


#16
Acenaphthylene
Concen: 0.829 ng
RT: 14.80 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:152 Resp: 47368

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.9	10.5	15.7



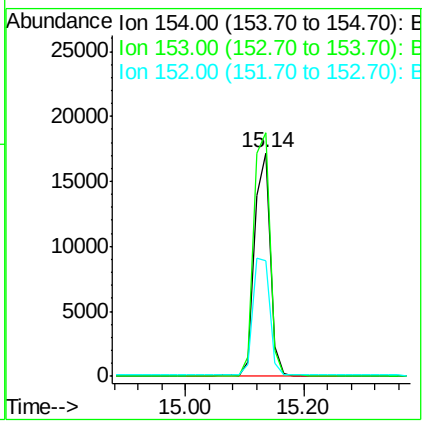


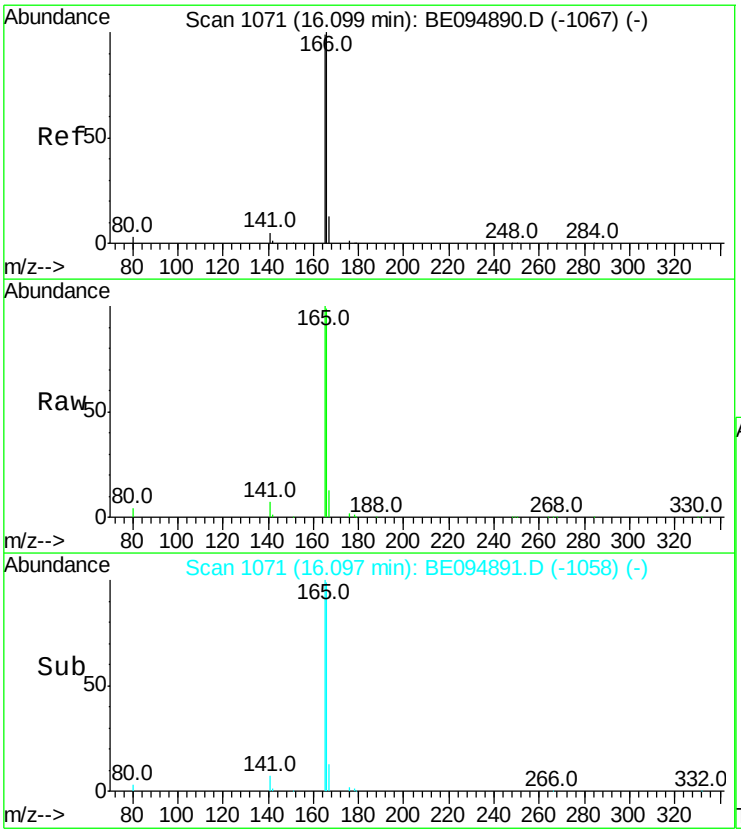
#17
Acenaphthene
Concen: 0.839 ng
RT: 15.14 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 30783

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.2	133.8
152	57.0	42.0	63.0

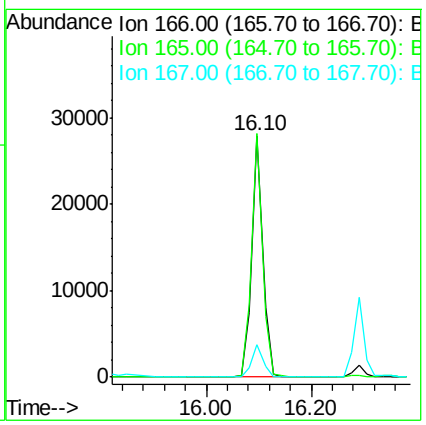


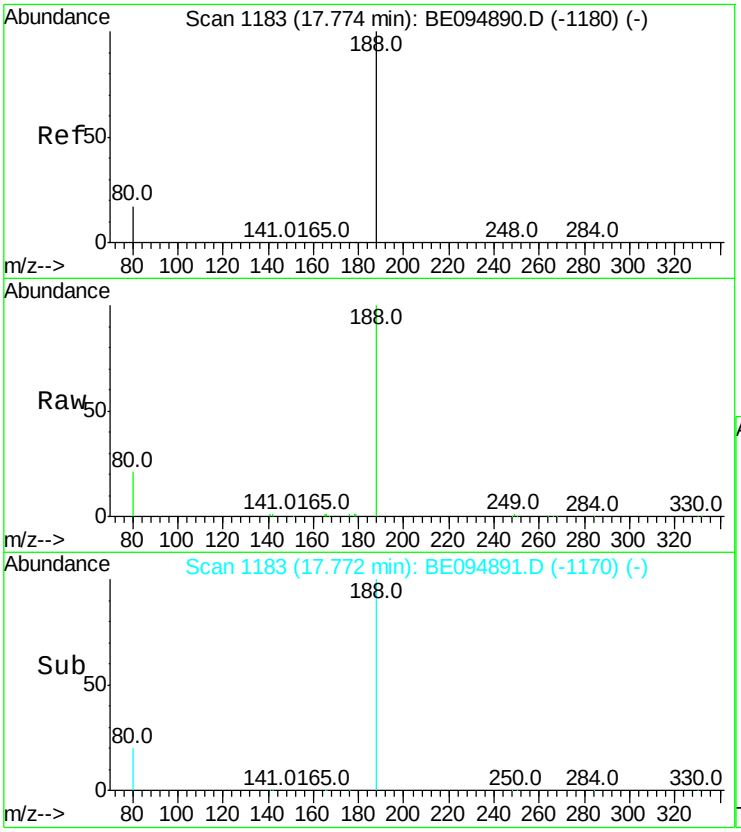


#18
Fluorene
Concen: 0.833 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:166 Resp: 39183

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.6
167	13.5	42.4	63.6#



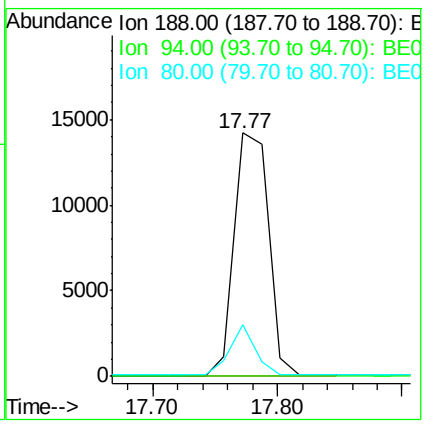


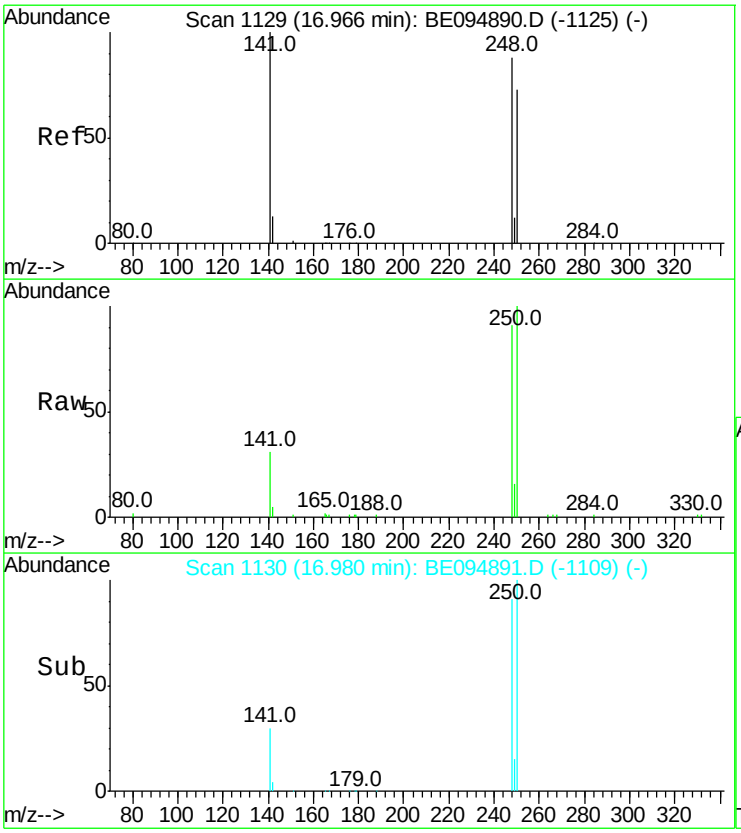
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 26849

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	21.1	3.6	5.4#

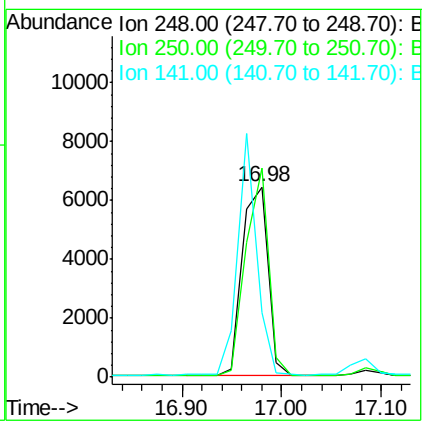


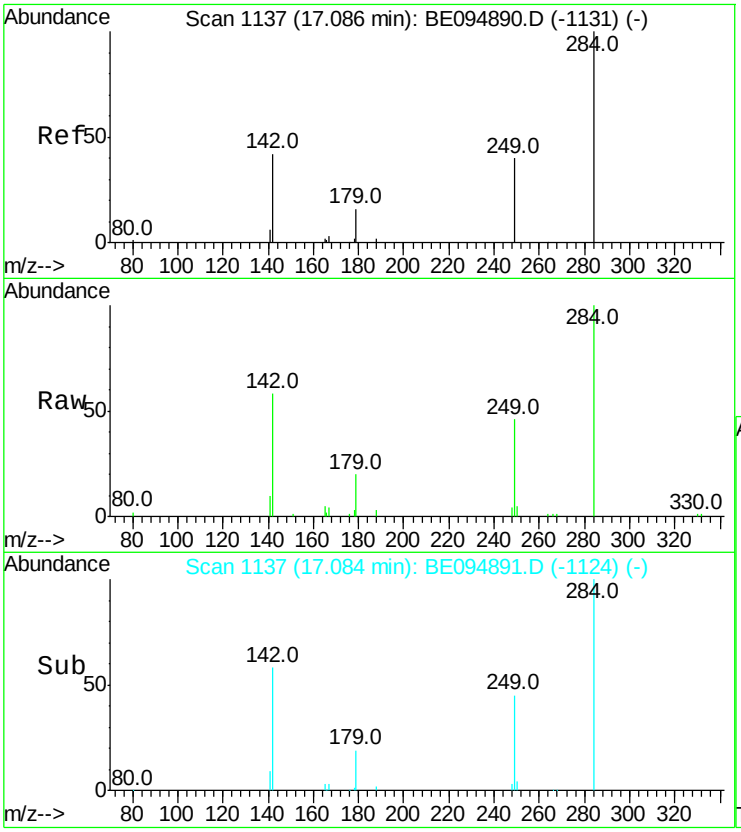


#20
4-Bromophenyl-phenylether
Concen: 0.786 ng
RT: 16.98 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:248 Resp: 11497

Ion	Ratio	Lower	Upper
248	100		
250	110.1	62.7	94.1#
141	34.1	48.2	72.2#



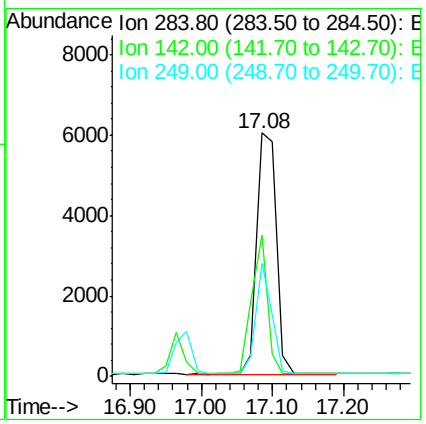


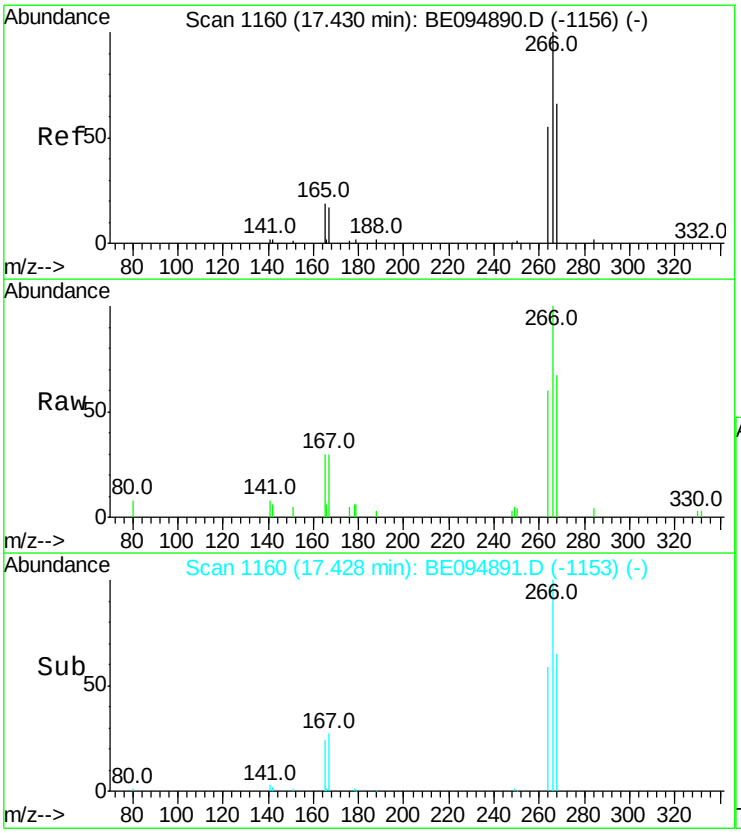
#21
Hexachlorobenzene
Concen: 0.892 ng
RT: 17.08 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 11448

Ion	Ratio	Lower	Upper
284	100		
142	45.8	22.1	33.1#
249	36.5	34.8	52.2

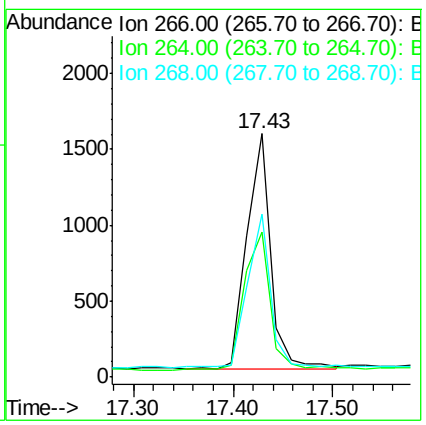


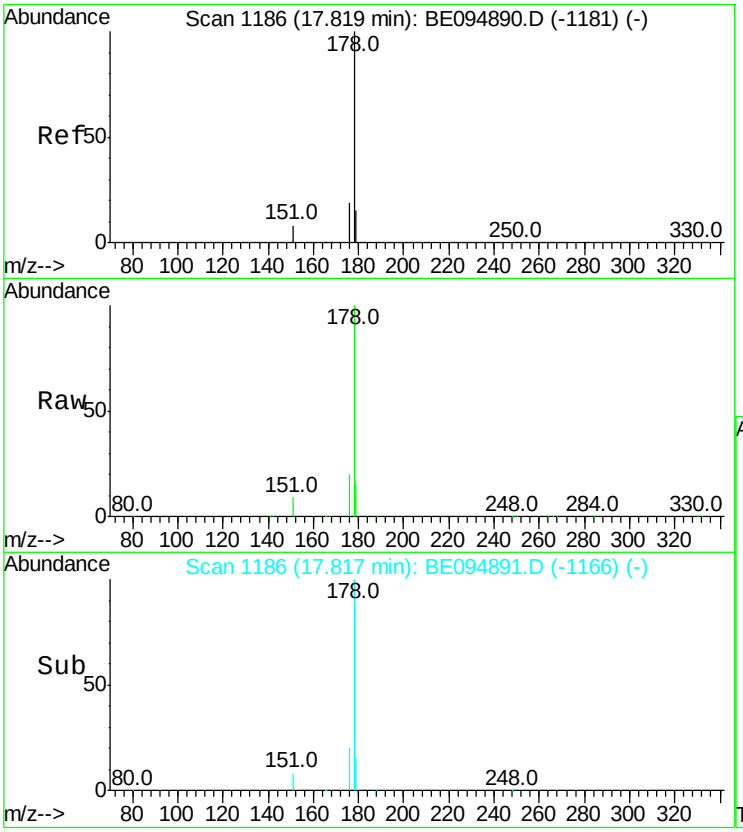


#22
Pentachlorophenol
Concen: 1.564 ng
RT: 17.43 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:266 Resp: 2564

Ion	Ratio	Lower	Upper
266	100		
264	59.9	72.5	108.7#
268	67.0	73.8	110.6#



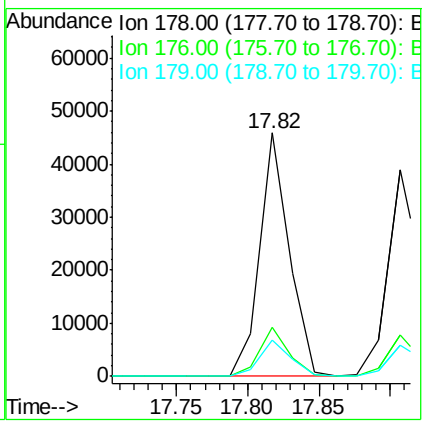


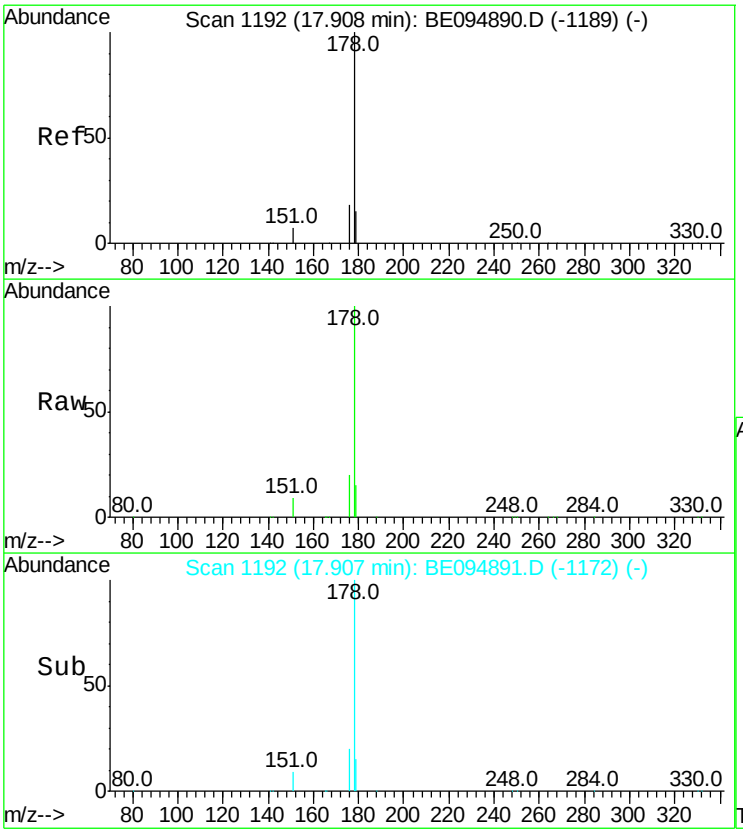
#23
Phenanthrene
Concen: 1.022 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 66491

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.2	11.8	17.6

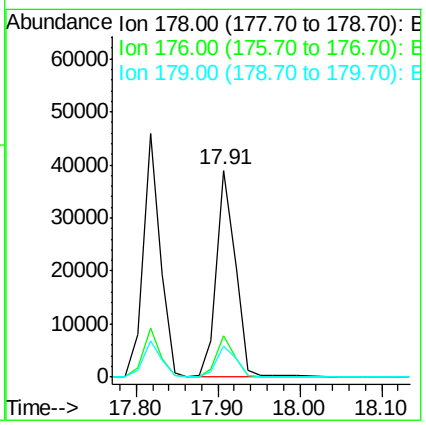


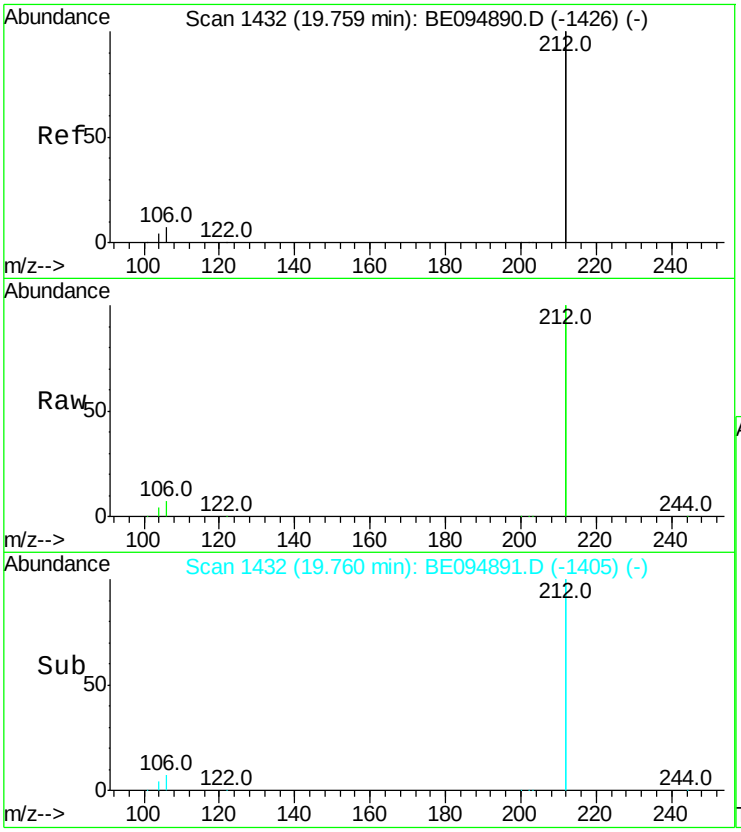


#24
Anthracene
Concen: 0.872 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:178 Resp: 68840

Ion	Ratio	Lower	Upper
178	100		
176	19.9	12.8	19.2#
179	16.4	13.0	19.6



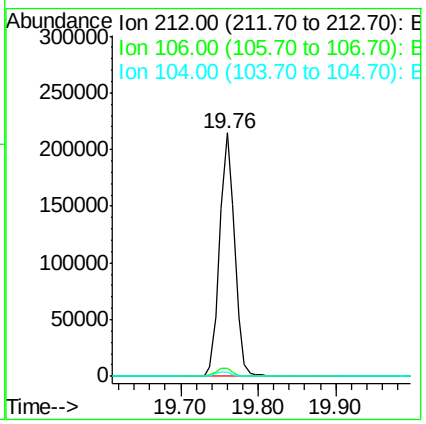


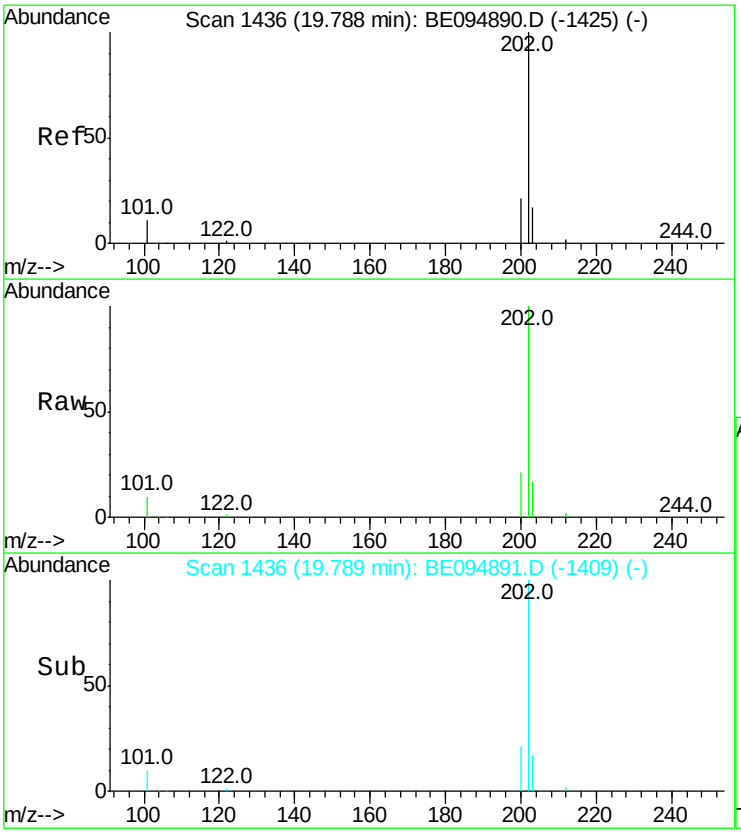
#25
Fluoranthene-d10
Concen: 1.011 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 285856

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

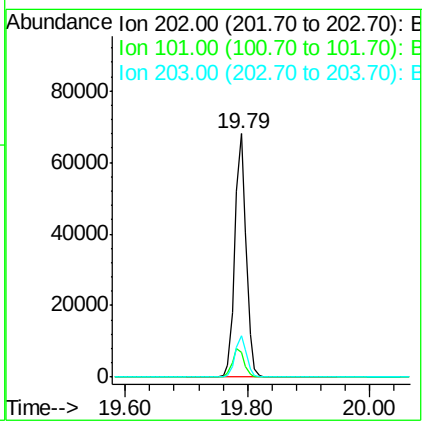


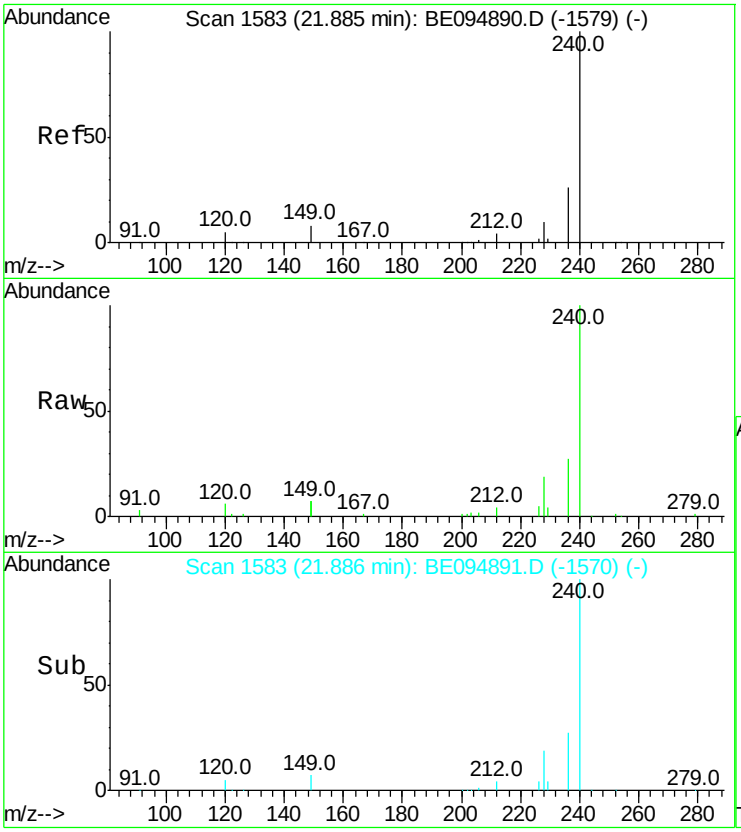


#26
Fluoranthene
Concen: 1.016 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:202 Resp: 87649

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
203	16.9	13.7	20.5



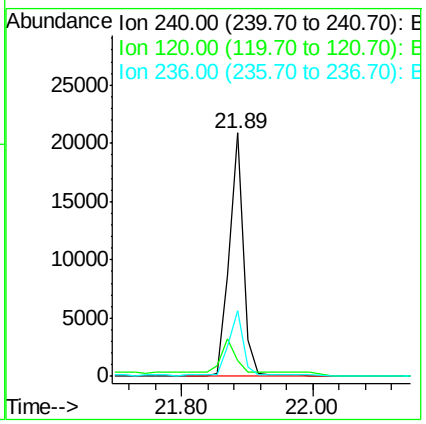


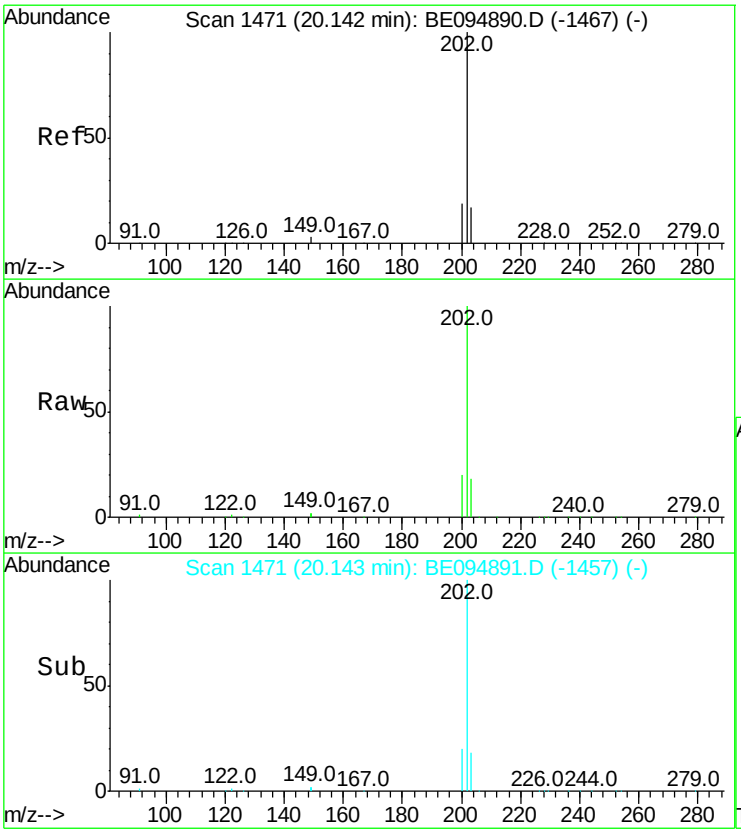
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 33006

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.5	8.3
236	27.1	20.7	31.1

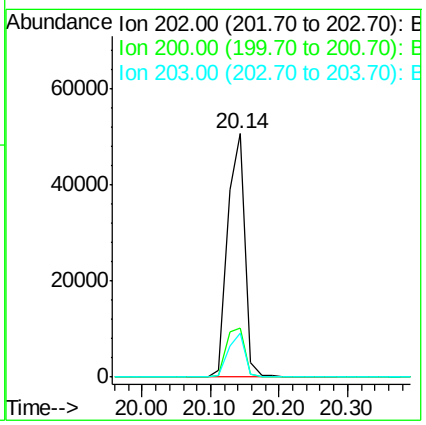


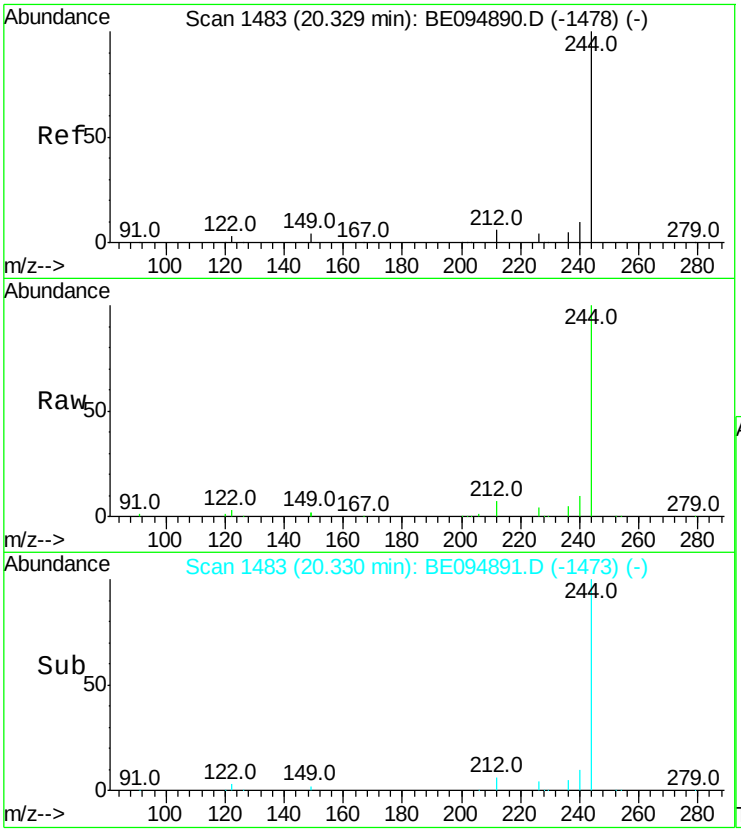


#28
Pyrene
Concen: 0.764 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:202 Resp: 88205

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	25.0
203	20.2	13.8	20.8



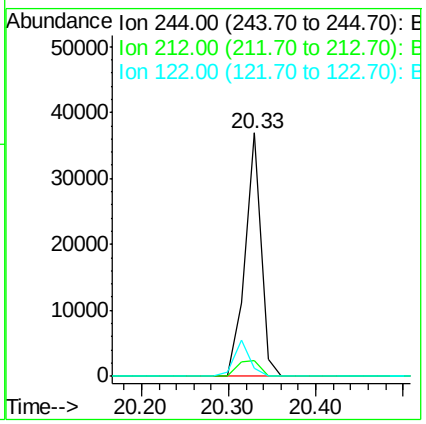


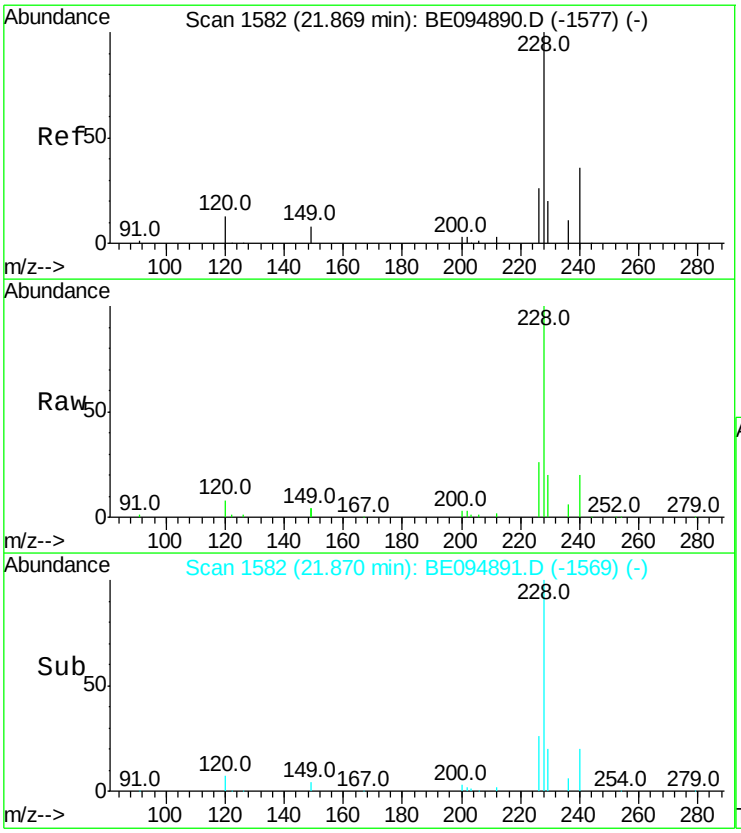
#29
Terphenyl-d14
Concen: 0.765 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 47599

Ion	Ratio	Lower	Upper
244	100		
212	6.6	25.4	38.0#
122	3.5	8.1	12.1#

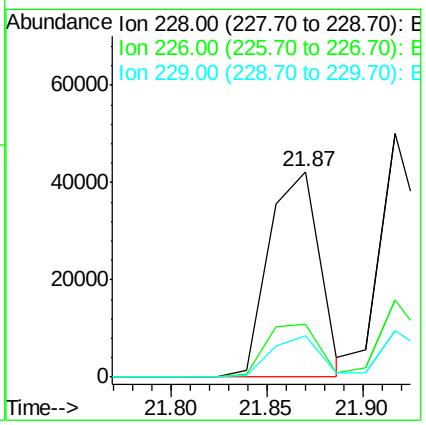


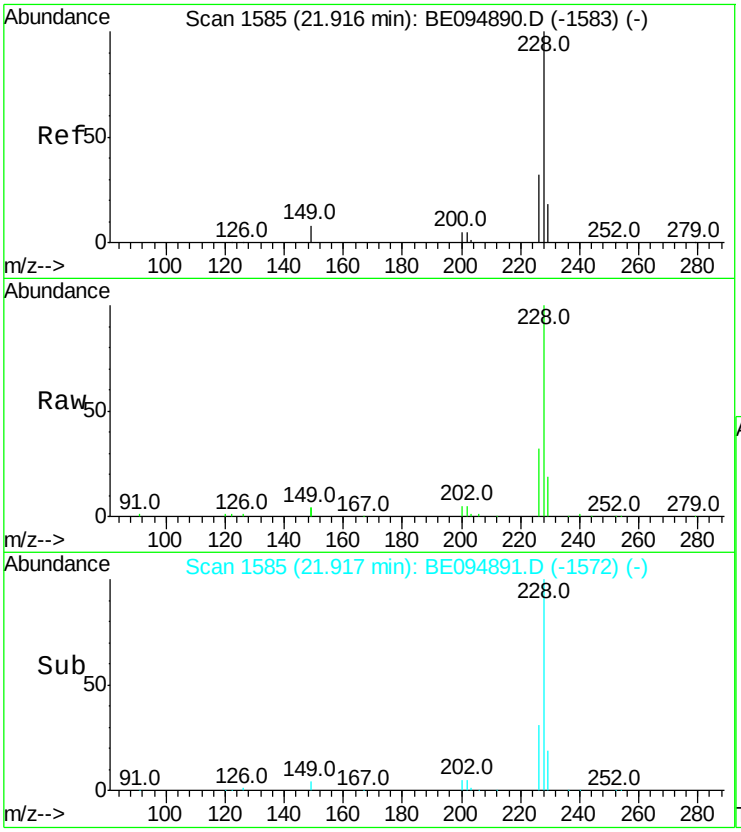


#30
Benzo(a)anthracene
Concen: 0.721 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:228 Resp: 77530

Ion	Ratio	Lower	Upper
228	100		
226	25.6	40.0	60.0#
229	20.1	40.0	60.0#



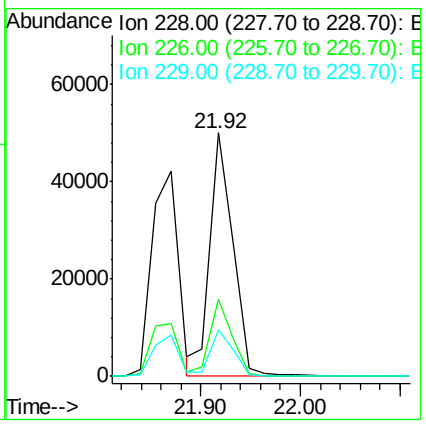


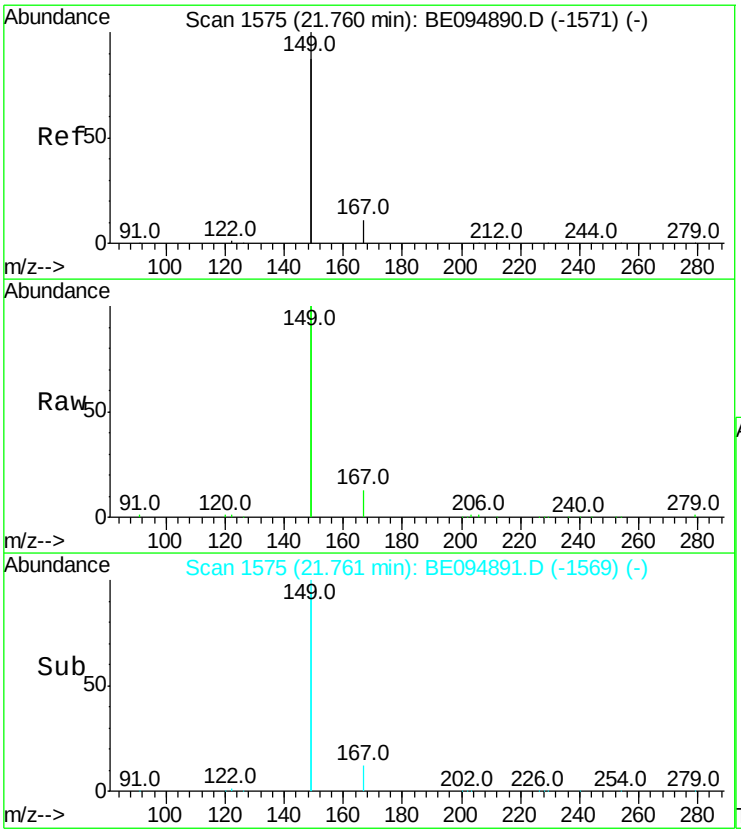
#31
Chrysene
Concen: 0.777 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 84759

Ion	Ratio	Lower	Upper
228	100		
226	31.6	40.0	60.0#
229	19.0	40.0	60.0#

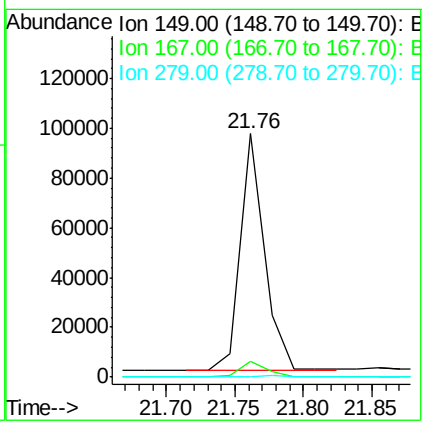


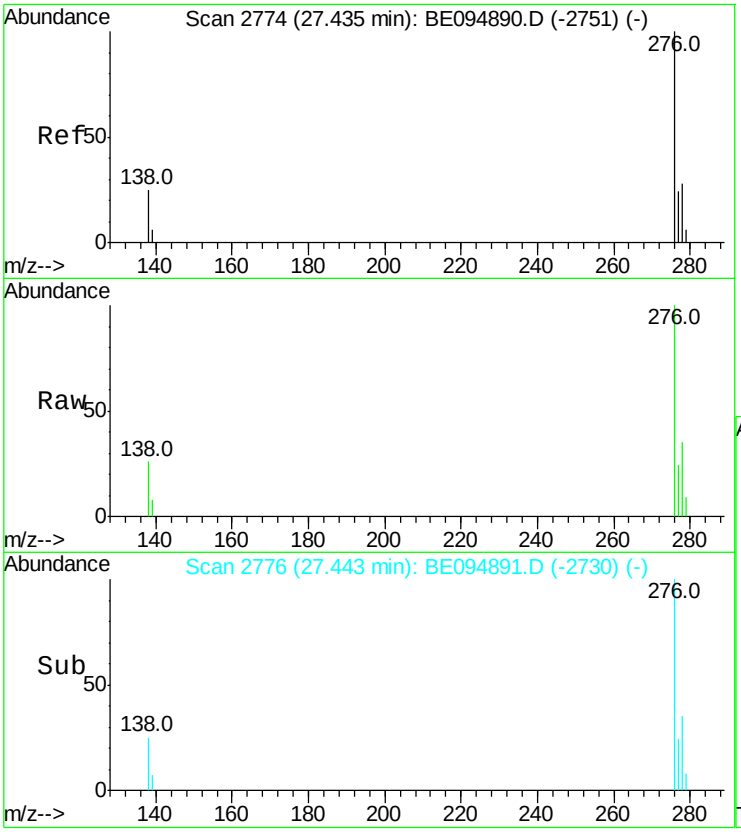


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.448 ng
RT: 21.76 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:149 Resp: 118005

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



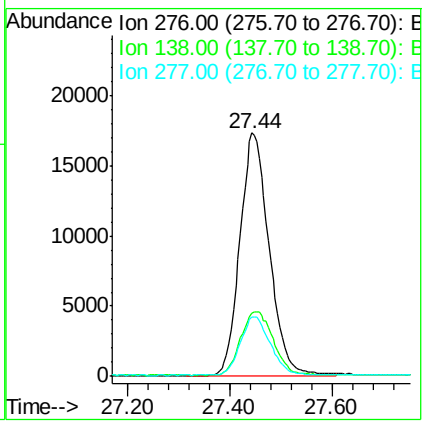


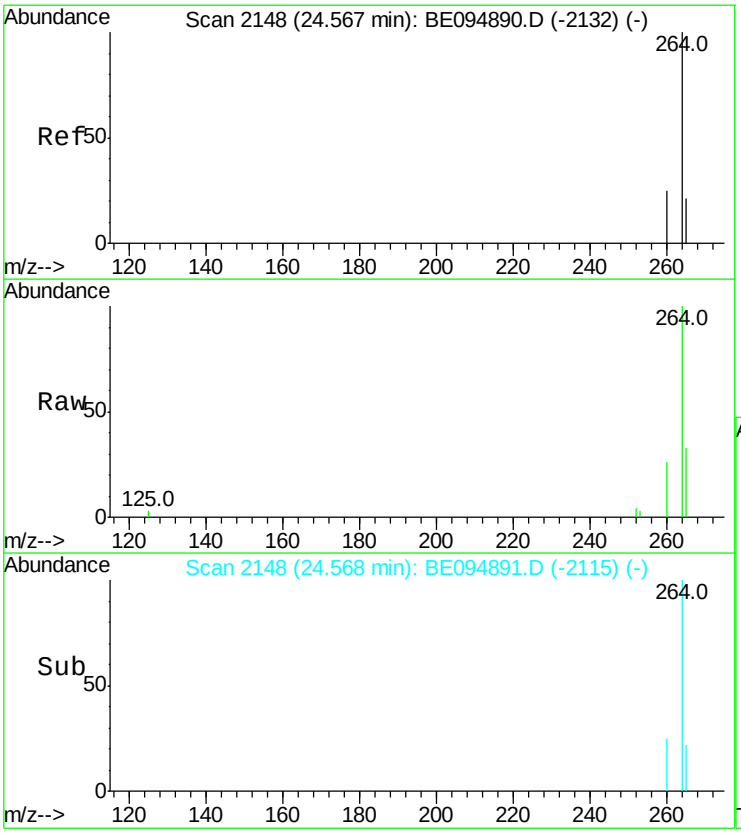
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.683 ng
RT: 27.44 min Scan# 2776
Delta R.T. 0.01 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 68813

Ion	Ratio	Lower	Upper
276	100		
138	29.5	22.5	33.7
277	24.6	19.9	29.9

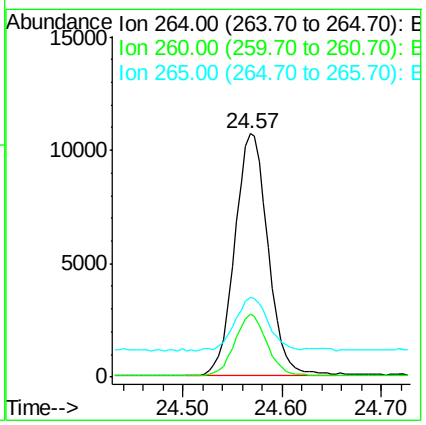


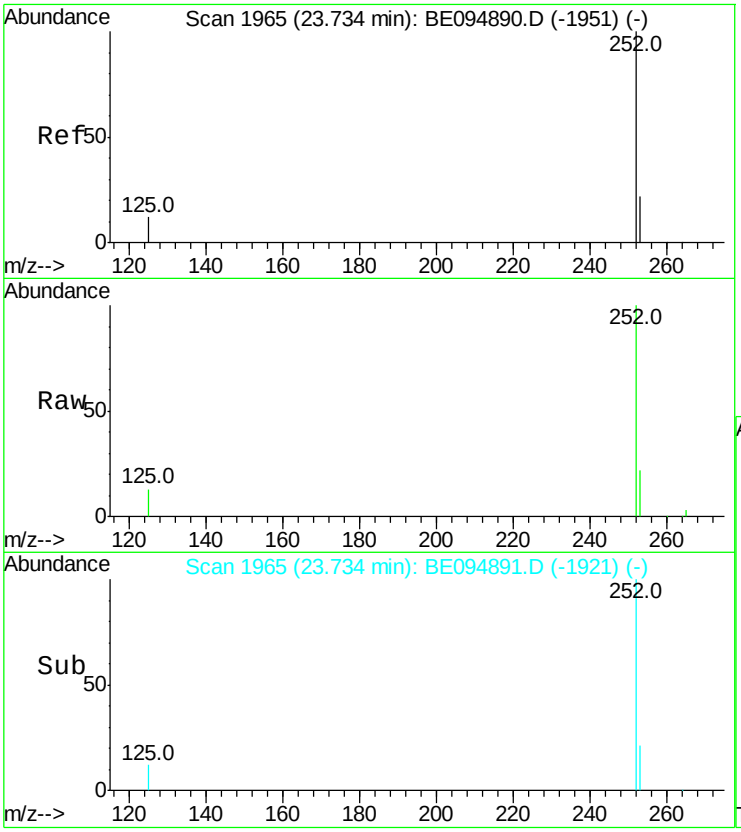


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:264 Resp: 24996

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	32.7	22.8	34.2



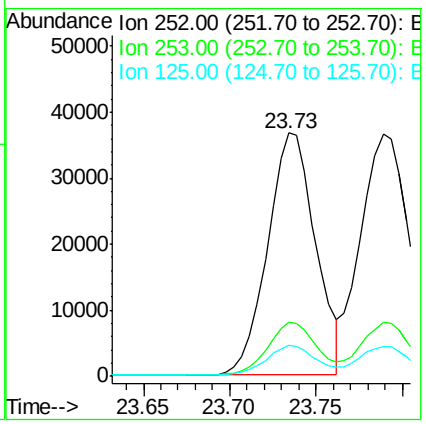


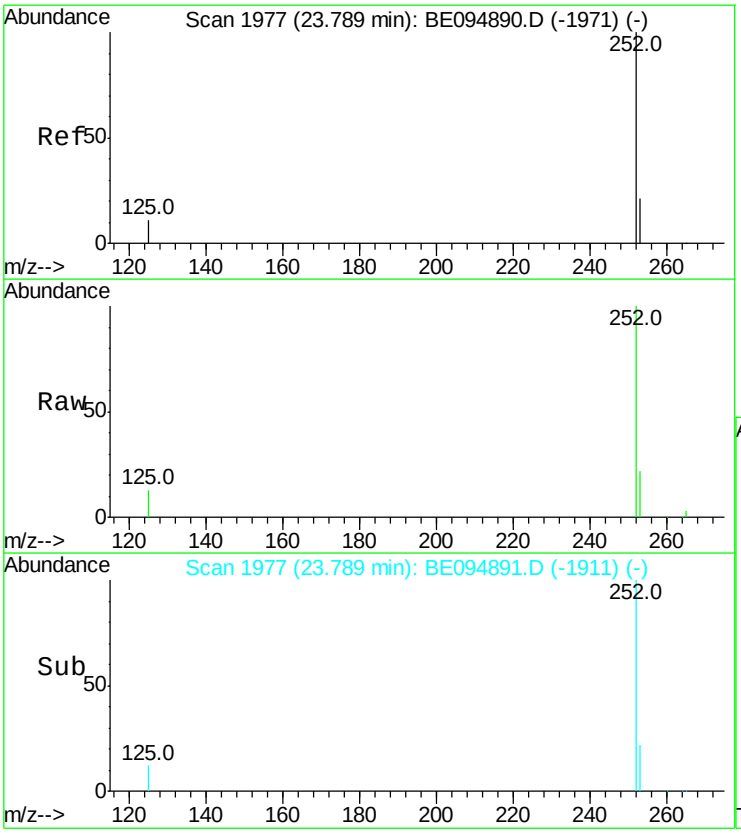
#35
Benzo(b)fluoranthene
Concen: 0.874 ng
RT: 23.73 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 70711

Ion	Ratio	Lower	Upper
252	100		
253	22.0	48.0	72.0#
125	12.8	56.0	84.0#

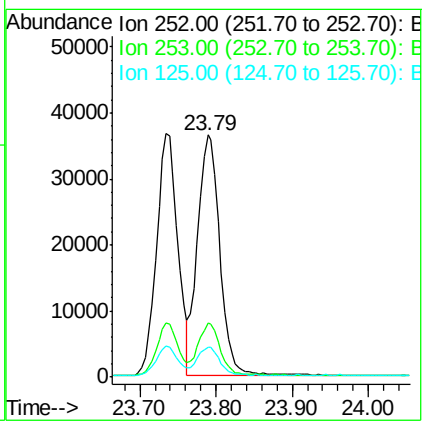


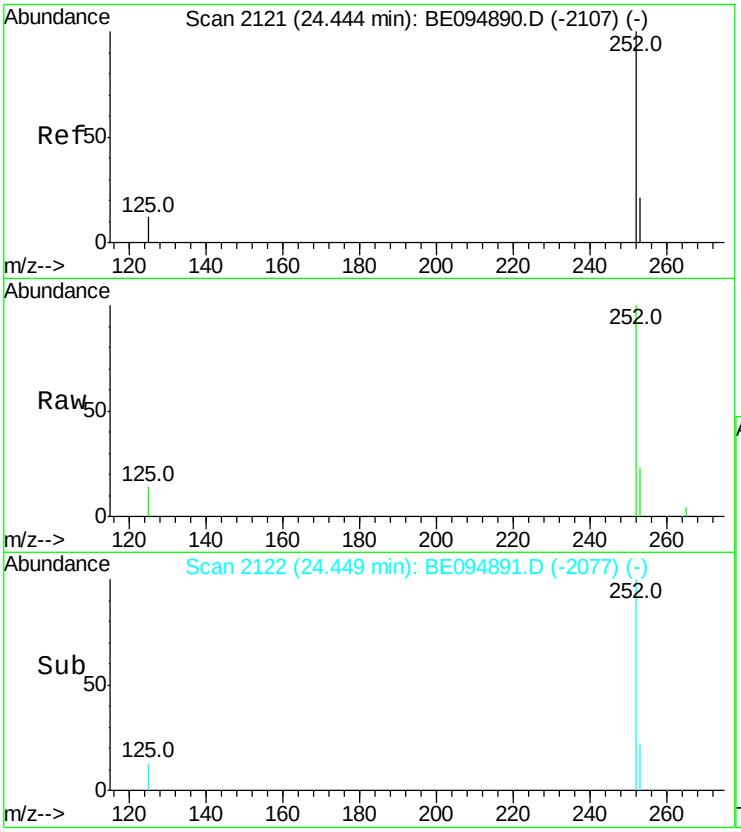


#36
Benzo(k)fluoranthene
Concen: 0.858 ng
RT: 23.79 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:252 Resp: 73936

Ion	Ratio	Lower	Upper
252	100		
253	22.3	48.0	72.0#
125	12.5	56.0	84.0#



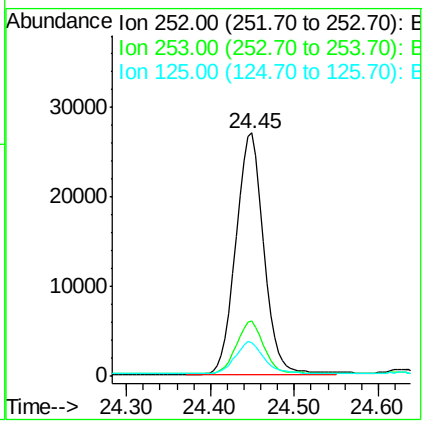


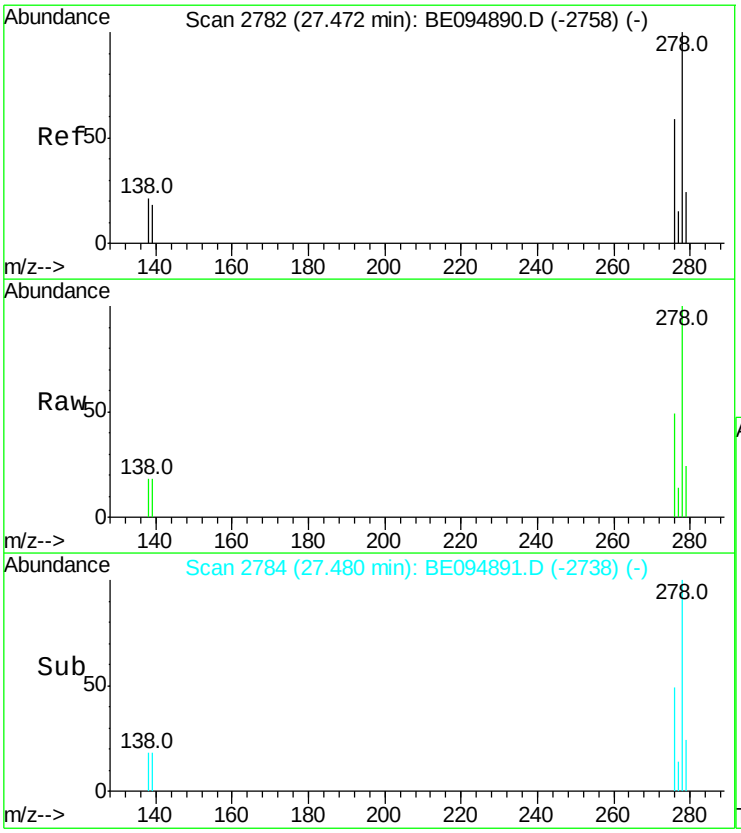
#37
Benzo(a)pyrene
Concen: 0.795 ng
RT: 24.45 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 62372

Ion	Ratio	Lower	Upper
252	100		
253	22.6	52.0	78.0#
125	14.0	68.0	102.0#

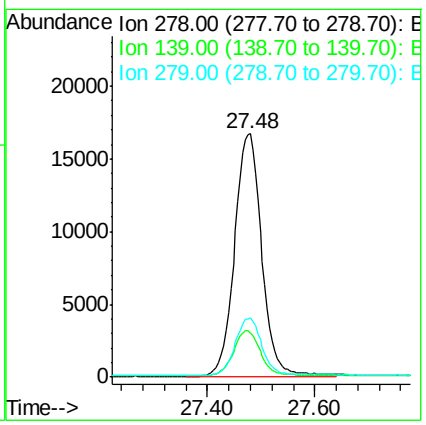


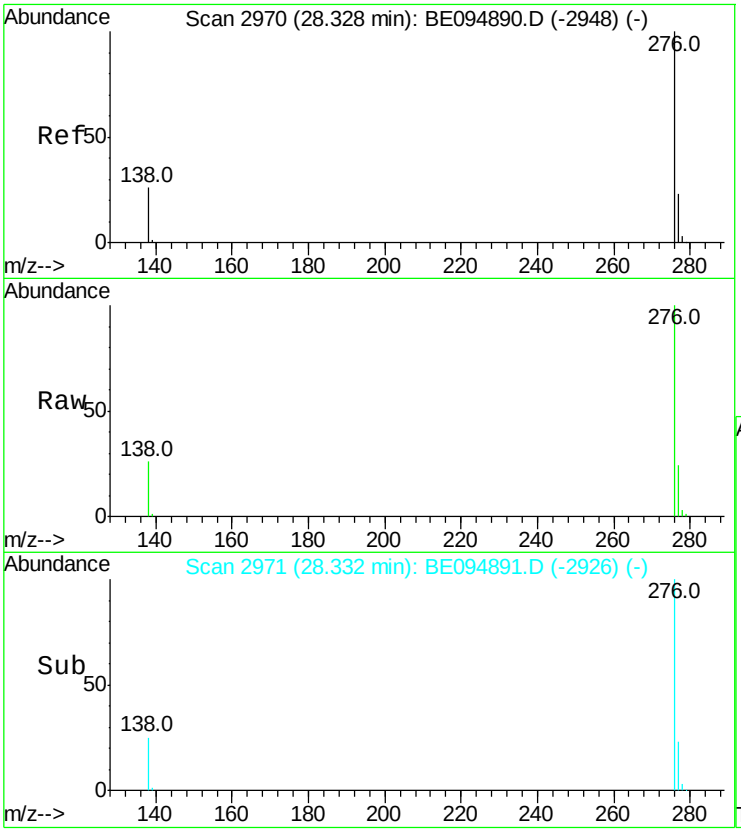


#38
Dibenzo(a,h)anthracene
Concen: 0.831 ng
RT: 27.48 min Scan# 2784
Delta R.T. 0.01 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:278 Resp: 58531

Ion	Ratio	Lower	Upper
278	100		
139	18.2	56.0	84.0#
279	24.3	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.881 ng
RT: 28.33 min Scan# 2971
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 58108

Ion	Ratio	Lower	Upper
276	100		
277	23.7	52.0	78.0#
138	25.6	44.0	66.0#