Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094186.D
Acq On : 6 Oct 2017 19:23
Operator : SJ/JU
Sample : I5571-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PAMT-COMP-C

Quant Time: Oct 07 01:13:22 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 15:16:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1574	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7651	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4621	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12613	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10915	0.40	ng	0.00
34) Perylene-d12	23.90	264	10032	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	32866	6.27	ng	0.00
5) Phenol-d6	7.07	99	38004	5.00	ng	-0.01
8) Nitrobenzene-d5	9.05	82	163907	25.73	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	1	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	20239	10.07	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	323177	20.42	ng	0.00
25) Fluoranthene-d10	19.27	212	62	0.00	ng	0.00
29) Terphenyl-d14	19.84	244	347618	16.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	125	0.044	ng	# 16
3) n-Nitrosodimethylamine	3.81	42	42	0.014	ng	# 2
6) bis(2-Chloroethyl)ether	7.34	93	27	0.004	ng	# 1
9) Naphthalene	10.74	128	586	0.007	ng	# 72
10) Hexachlorobutadiene	10.99	225	7	0.002	ng	# 83
12) 2-Methylnaphthalene	12.35	142	63	0.004	ng	# 71
16) Acenaphthylene	14.23	152	52	0.002	ng	# 56
17) Acenaphthene	14.57	154	87	0.006	ng	# 62
18) Fluorene	15.56	166	152	0.008	ng	# 50
20) 4-Bromophenyl-phenylether	16.42	248	31	0.004	ng	# 31
21) Hexachlorobenzene	16.55	284	23	0.004	ng	# 79
22) Pentachlorophenol	16.91	266	10	0.006	ng	94
23) Phenanthrene	17.27	178	786	0.018	ng	# 88
24) Anthracene	17.37	178	301	0.009	ng	# 76
26) Fluoranthene	19.29	202	985	0.026	ng	# 95
28) Pyrene	19.65	202	1143	0.030	ng	# 94
30) Benzo(a)anthracene	21.38	228	345	0.010	ng	# 52
31) Chrysene	21.44	228	514	0.015	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.28	149	17905	0.217	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	211	0.006	ng	# 84
35) Benzo(b)fluoranthene	23.14	252	622	0.018	ng	# 15
36) Benzo(k)fluoranthene	23.14	252	622	0.018	ng	# 17
37) Benzo(a)pyrene	23.79	252	217	0.007	ng	# 1
38) Dibenzo(a,h)anthracene	26.57	278	104	0.004	ng	# 1
39) Benzo(g,h,i)perylene	27.37	276	217	0.007	ng	# 16

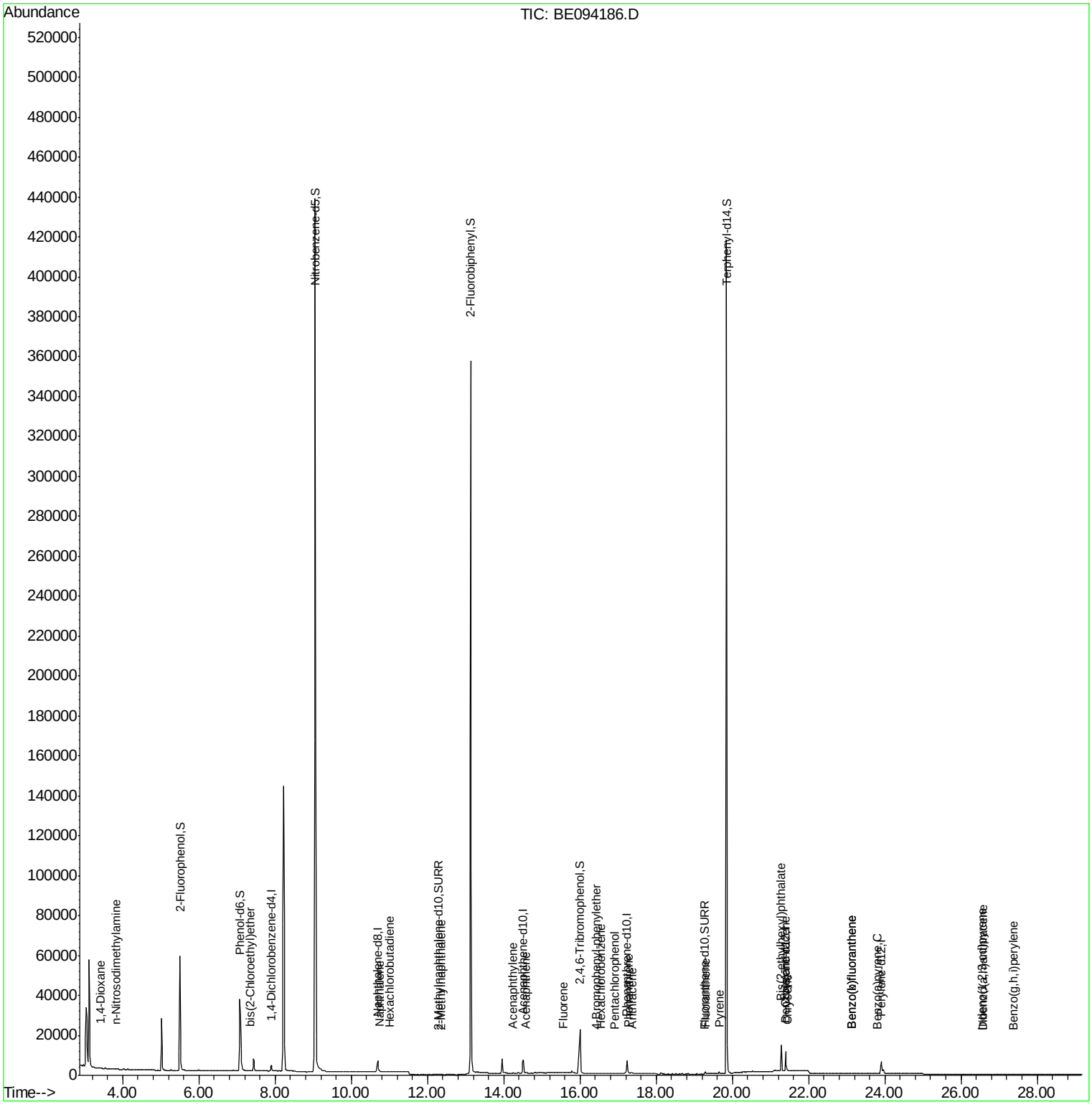
(#) = qualifier out of range (m) = manual integration (+) = signals summed

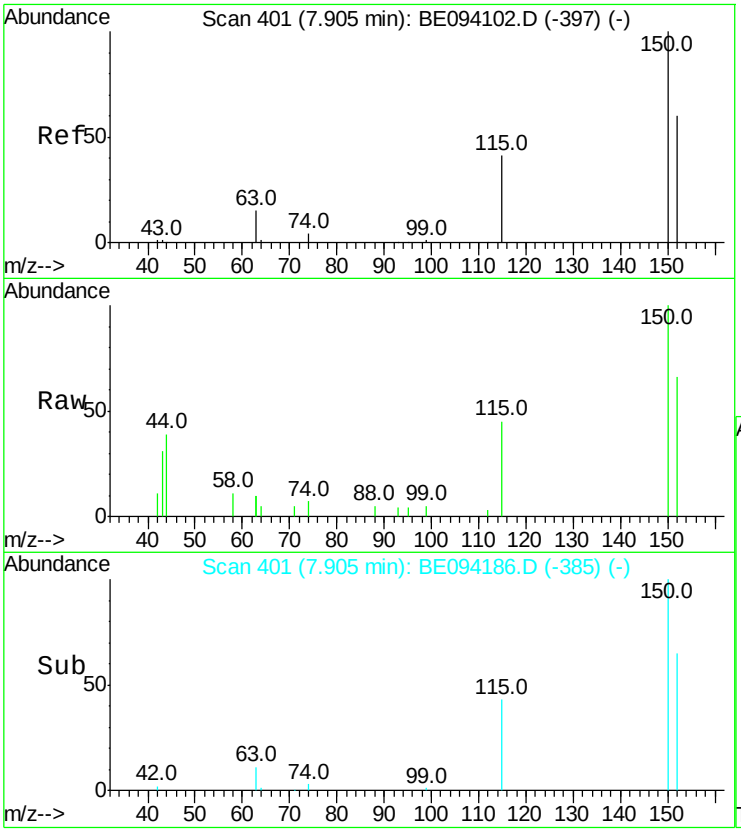
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094186.D
Acq On : 6 Oct 2017 19:23
Operator : SJ/JU
Sample : I5571-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Quant Time: Oct 07 01:13:22 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 15:16:13 2017
Response via : Initial Calibration



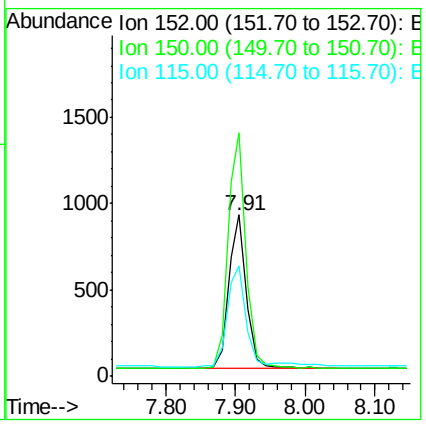


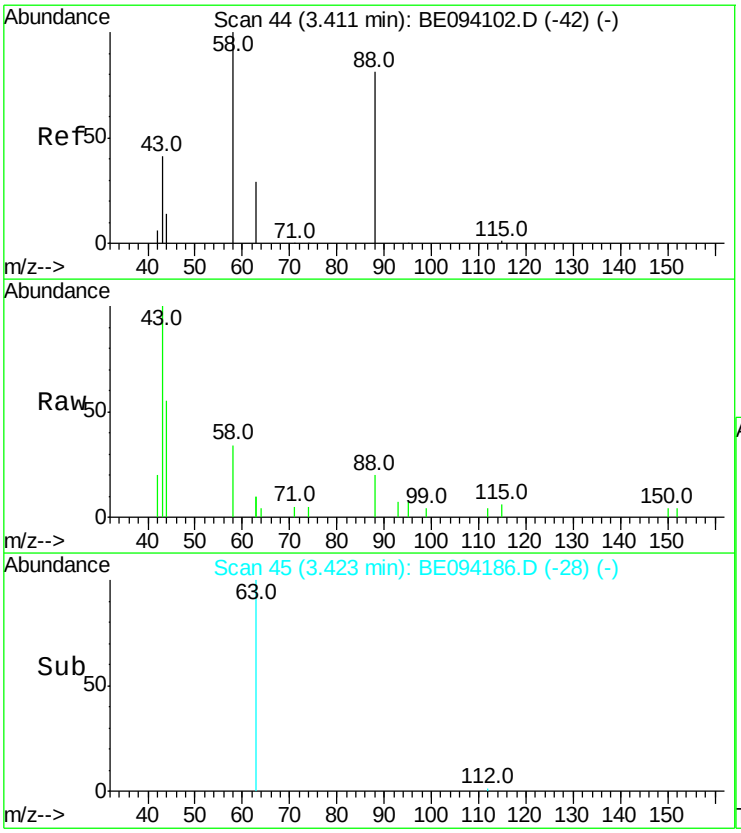
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:152 Resp: 1574

Ion	Ratio	Lower	Upper
152	100		
150	150.6	117.2	175.8
115	68.2	57.0	85.6

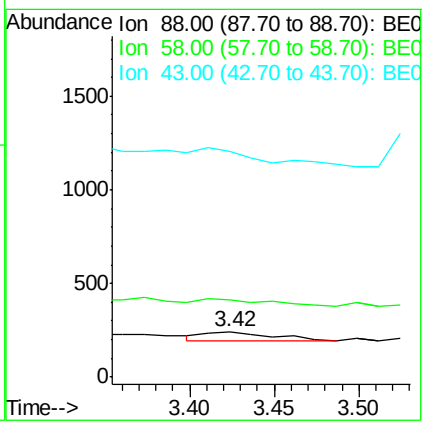


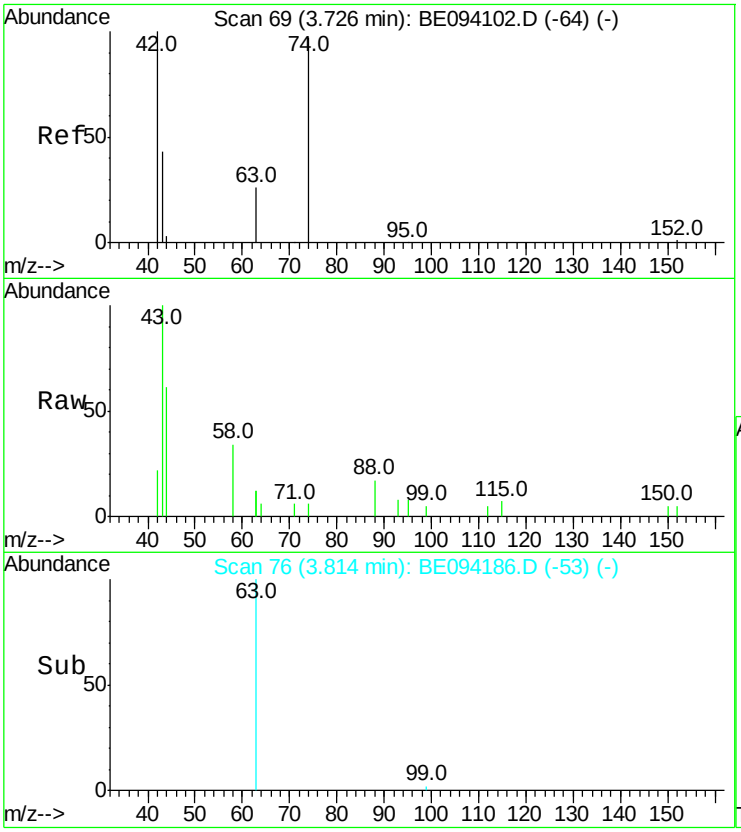


#2
1,4-Dioxane
Concen: 0.044 ng
RT: 3.42 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion: 88 Resp: 125

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	0.0	41.2	61.8#



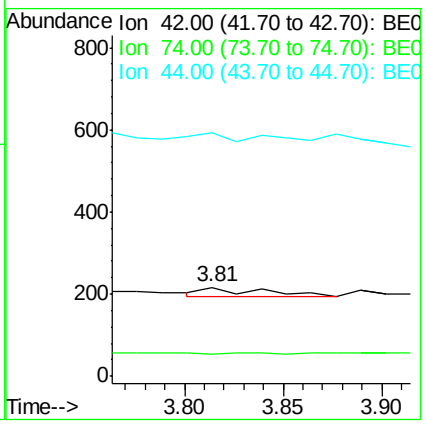


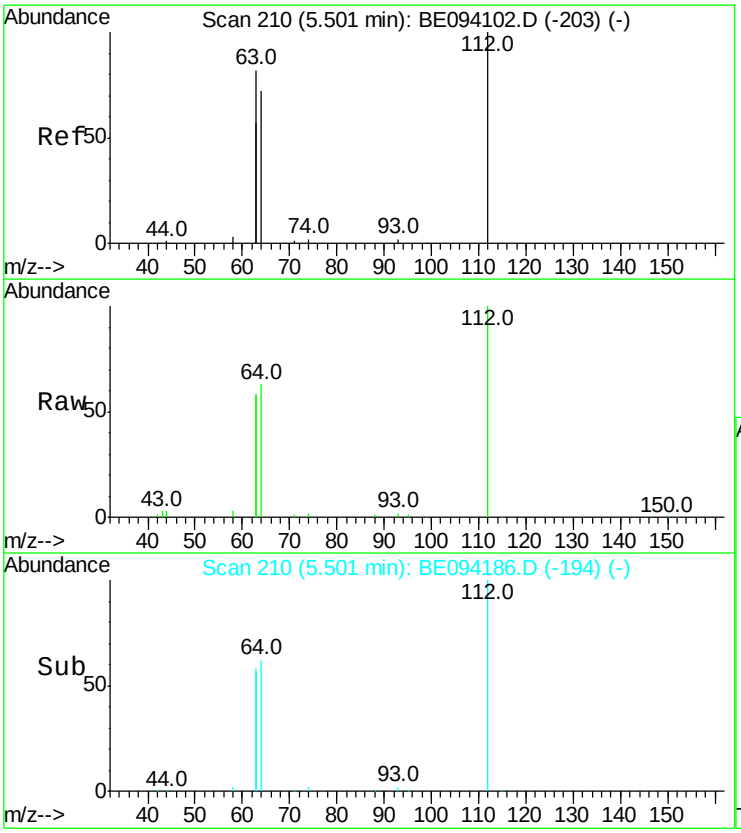
#3
n-Nitrosodimethylamine
Concen: 0.014 ng
RT: 3.81 min Scan# 76
Delta R.T. 0.09 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion: 42 Resp: 42

Ion	Ratio	Lower	Upper
42	100		
74	9.5	100.3	150.5#
44	57.1	17.0	25.4#

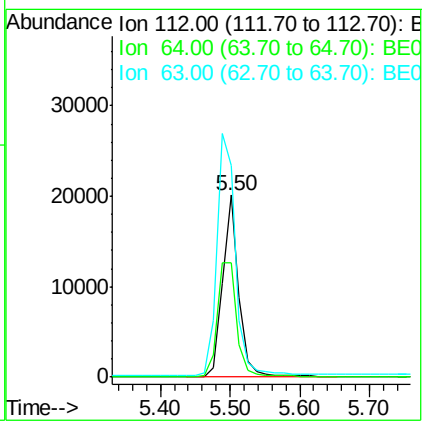


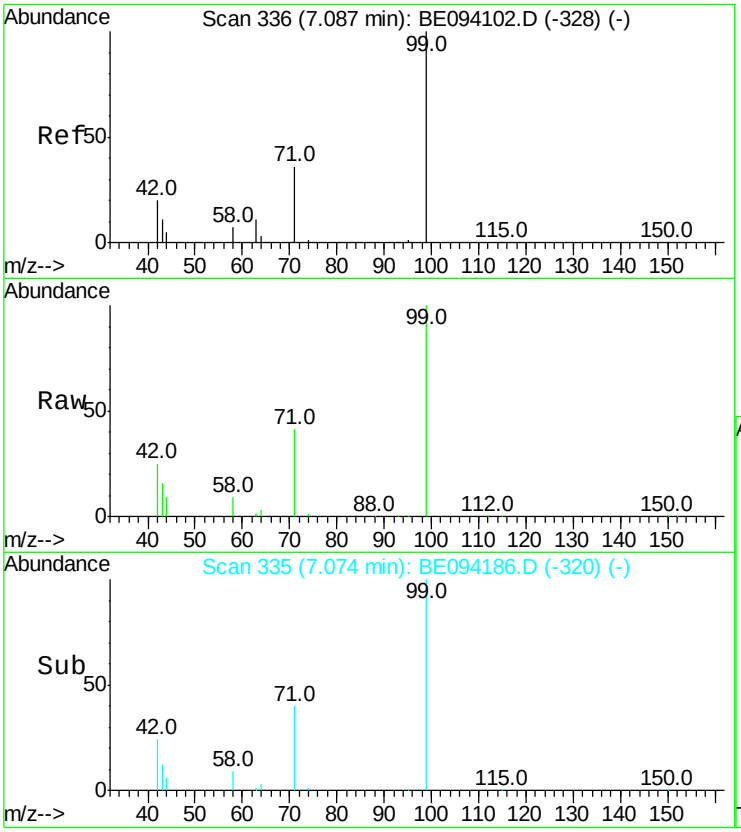


#4
2-Fluorophenol
Concen: 6.266 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:112 Resp: 32866

Ion	Ratio	Lower	Upper
112	100		
64	75.5	60.1	90.1
63	150.3	116.8	175.2



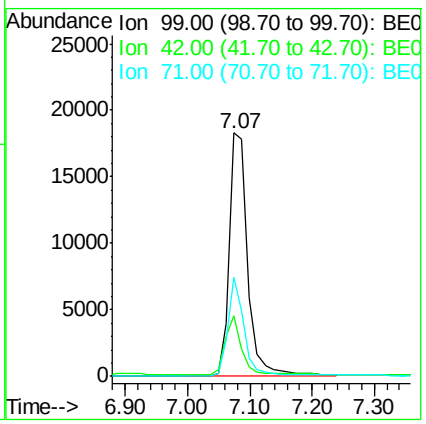


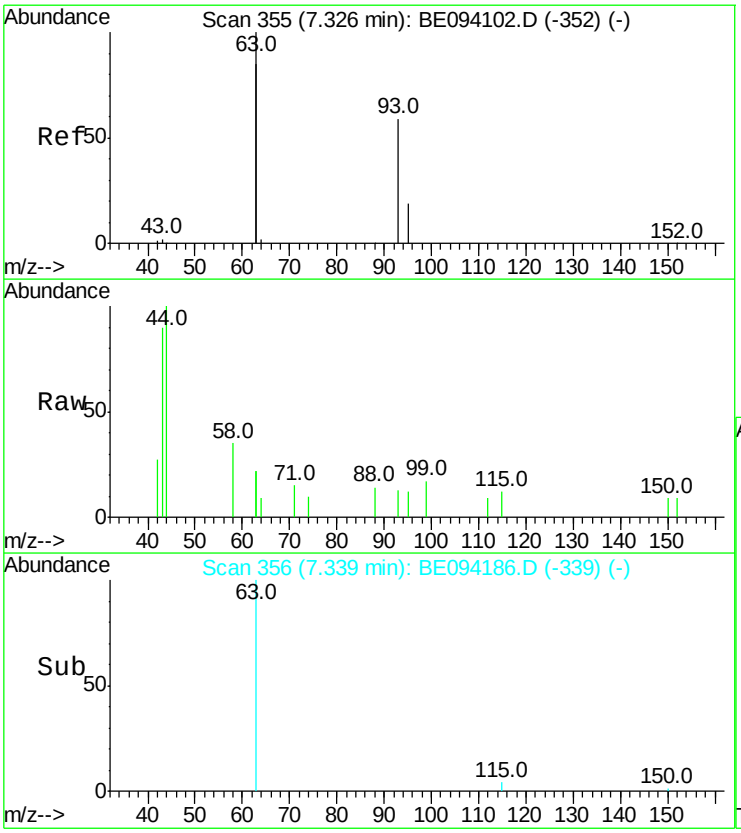
#5
Phenol-d6
Concen: 4.998 ng
RT: 7.07 min Scan# 335
Delta R.T. -0.01 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion: 99 Resp: 38004

Ion	Ratio	Lower	Upper
99	100		
42	21.1	20.2	30.2
71	34.8	28.4	42.6

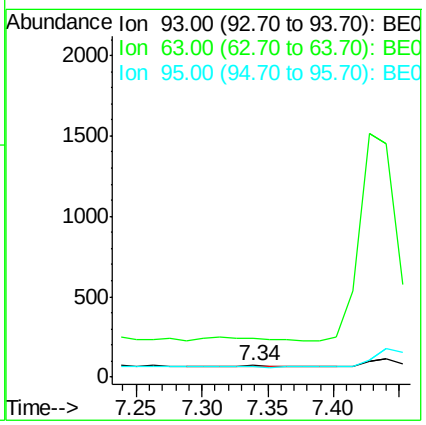


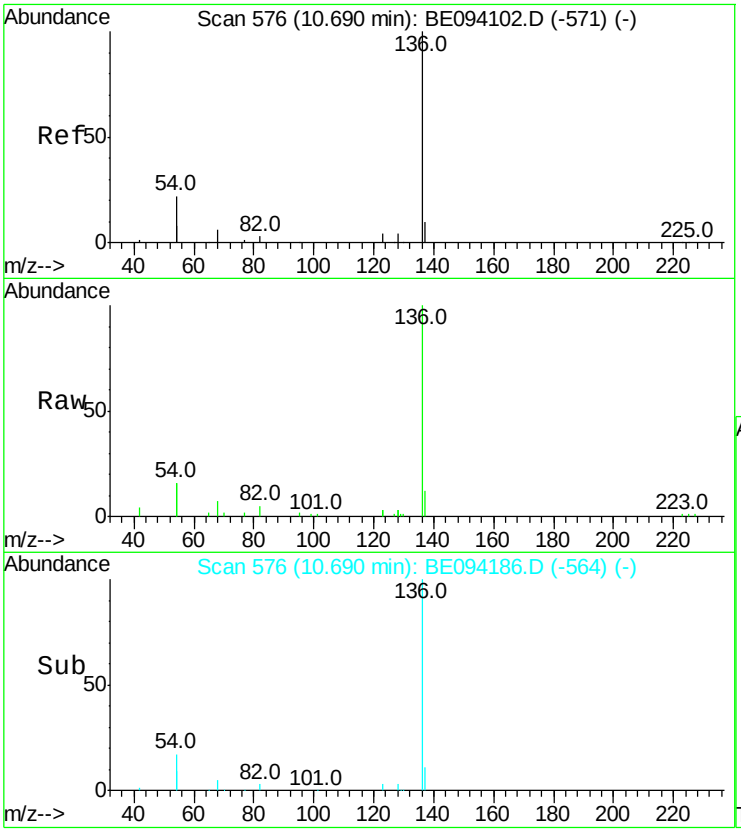


#6
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.01 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion: 93 Resp: 27

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#



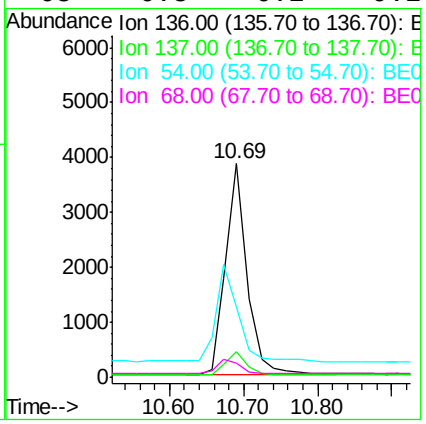


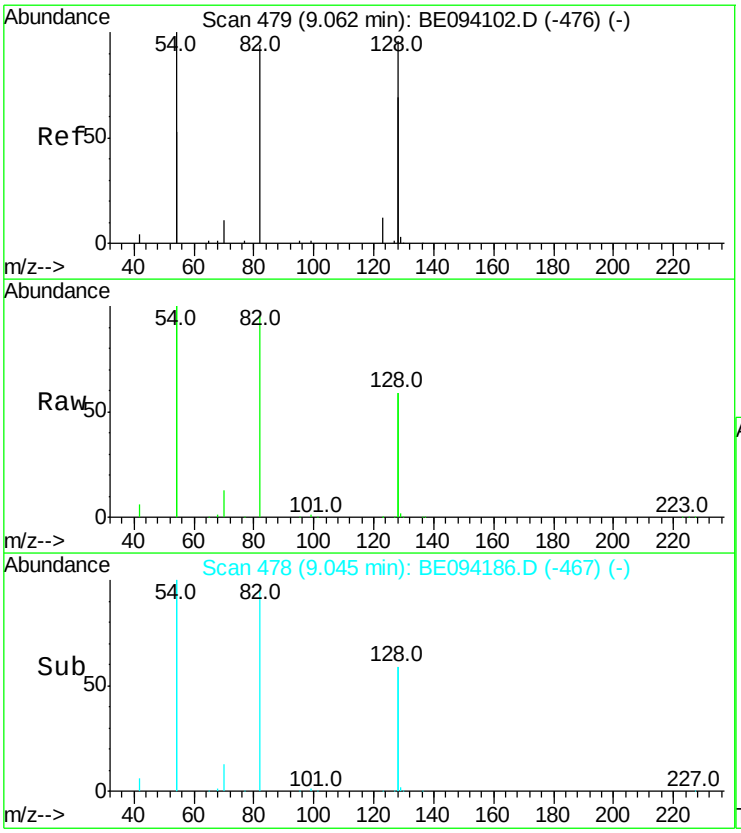
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:136 Resp: 7651

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	32.8	29.1	43.7
68	6.8	6.2	9.2

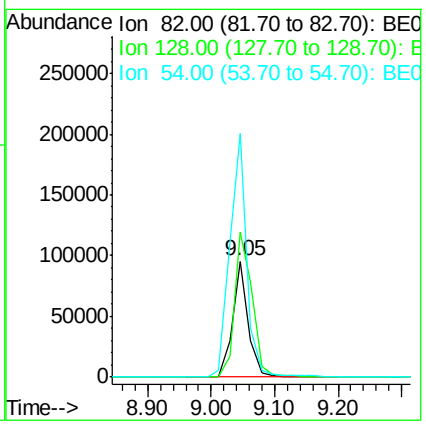


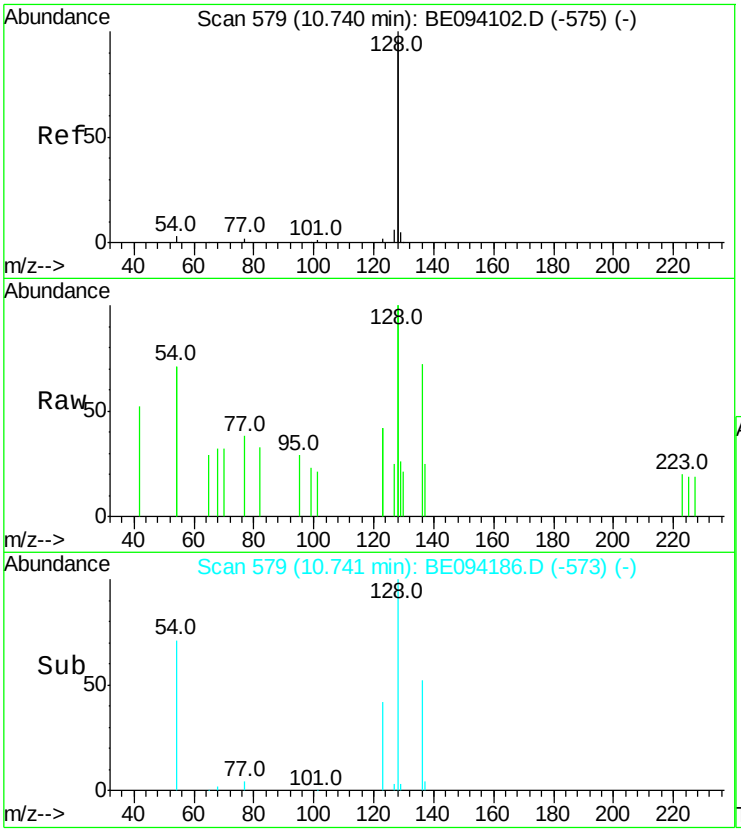


#8
Nitrobenzene-d5
Concen: 25.731 ng
RT: 9.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion: 82 Resp: 163907

Ion	Ratio	Lower	Upper
82	100		
128	124.8	150.0	225.0#
54	209.8	154.2	231.4



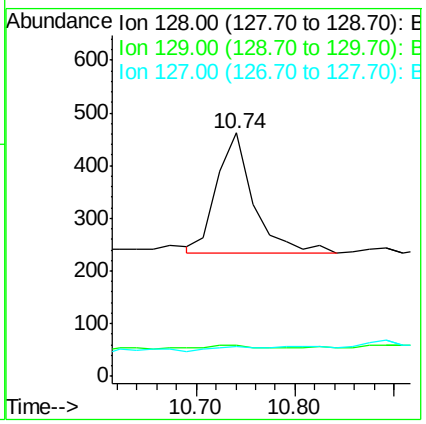


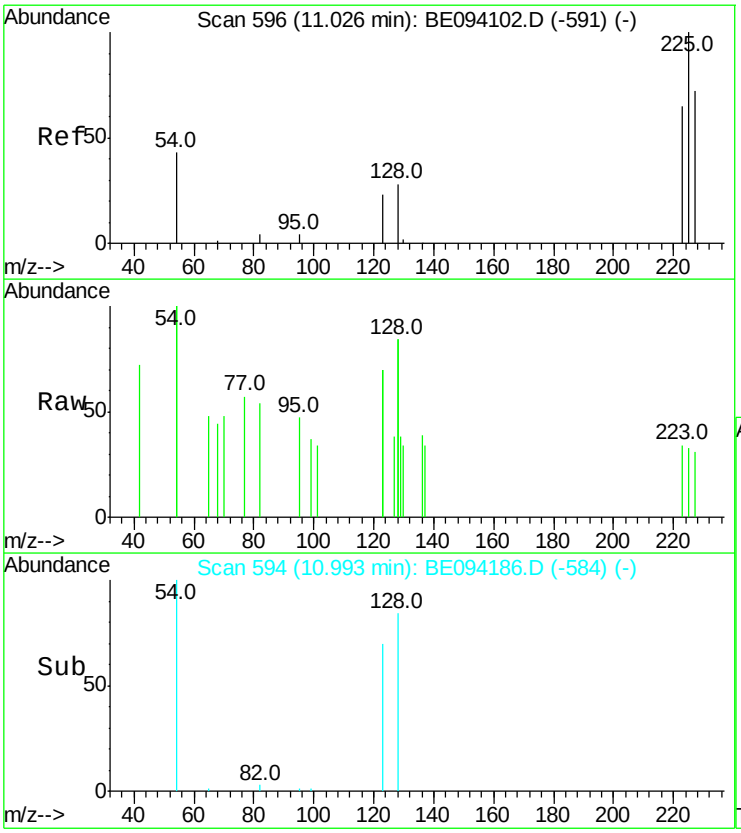
#9
Naphthalene
Concen: 0.007 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:128 Resp: 586

Ion	Ratio	Lower	Upper
128	100		
129	13.0	2.6	3.8#
127	12.3	2.8	4.2#

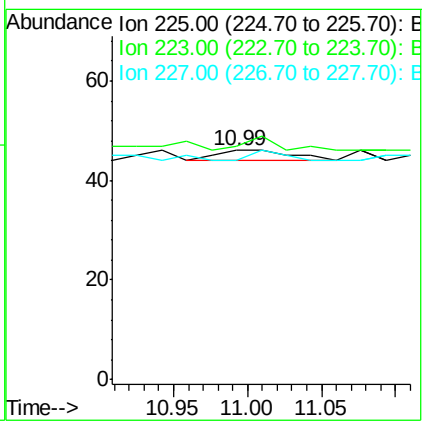


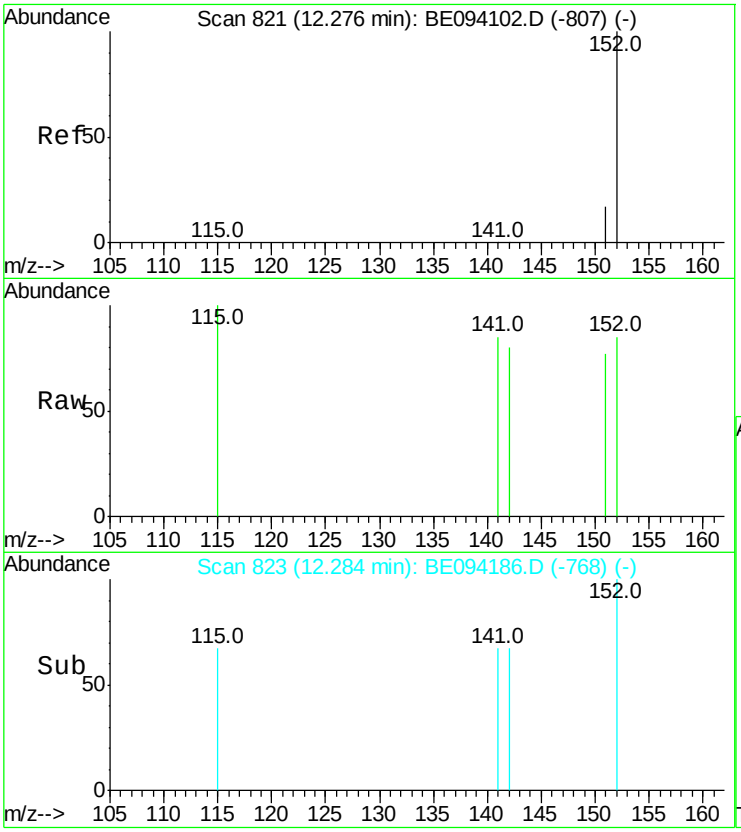


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.99 min Scan# 594
Delta R.T. -0.03 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:225 Resp: 7

Ion	Ratio	Lower	Upper
225	100		
223	71.4	53.0	79.6
227	42.9	51.4	77.2#



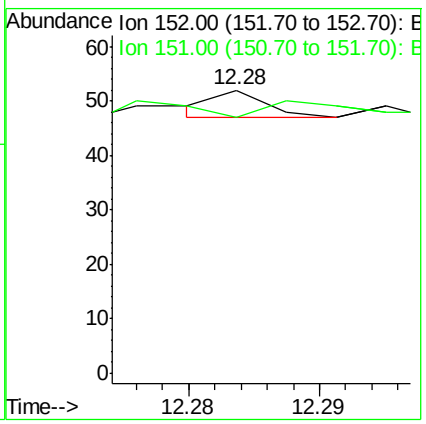


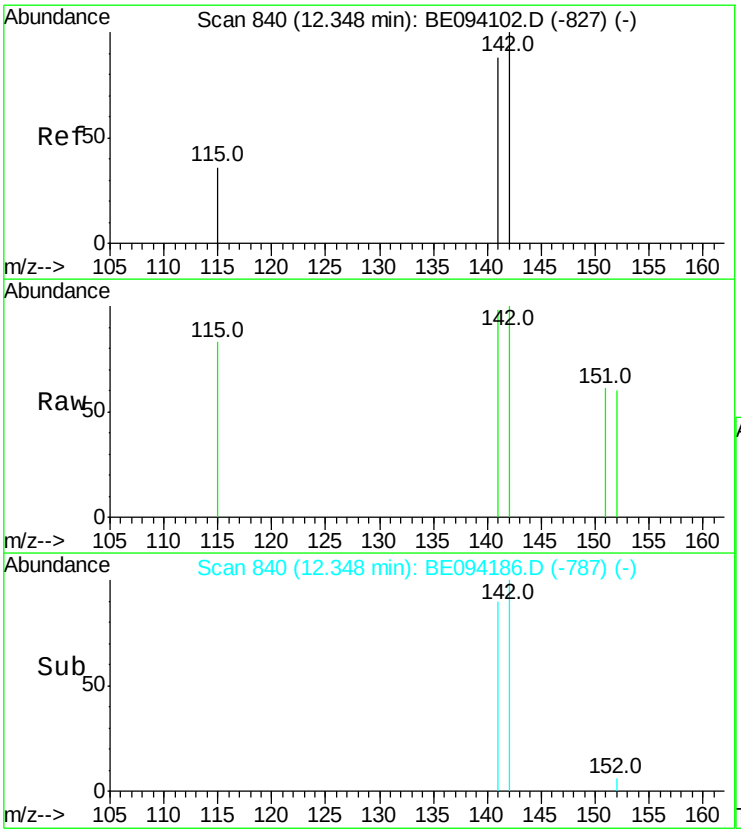
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.28 min Scan# 823
Delta R.T. 0.01 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:152 Resp: 1

Ion	Ratio	Lower	Upper
152	100		
151	100.0	15.4	23.0#

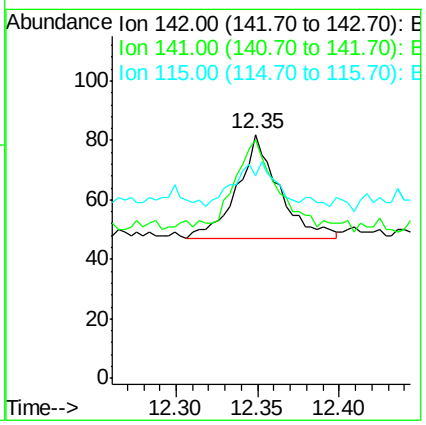


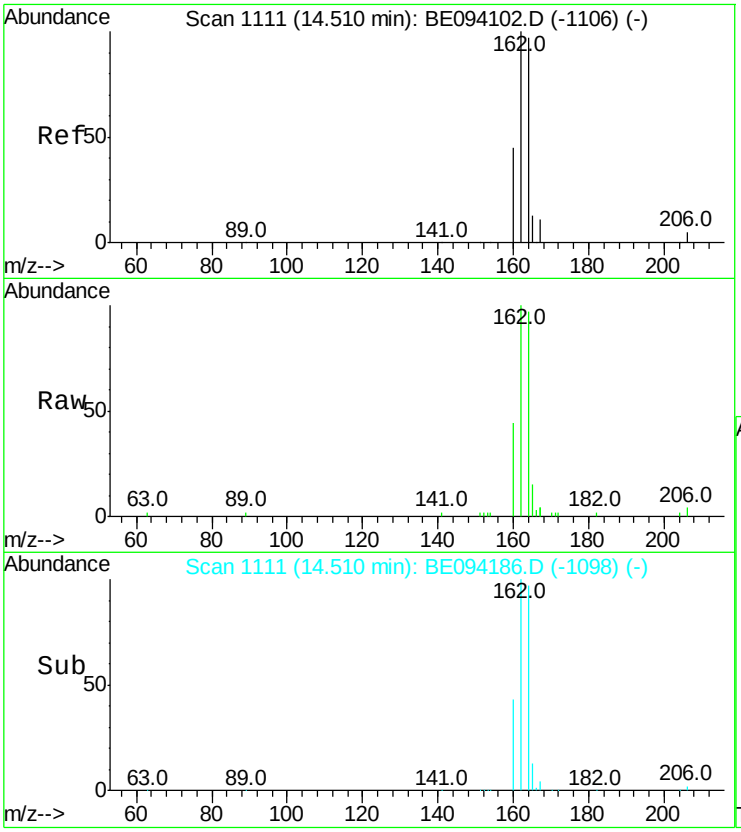


#12
2-Methylnaphthalene
Concen: 0.004 ng
RT: 12.35 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:142 Resp: 63

Ion	Ratio	Lower	Upper
142	100		
141	97.6	70.4	105.6
115	82.9	31.7	47.5#



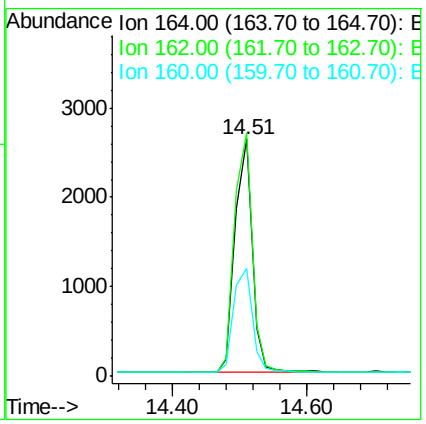


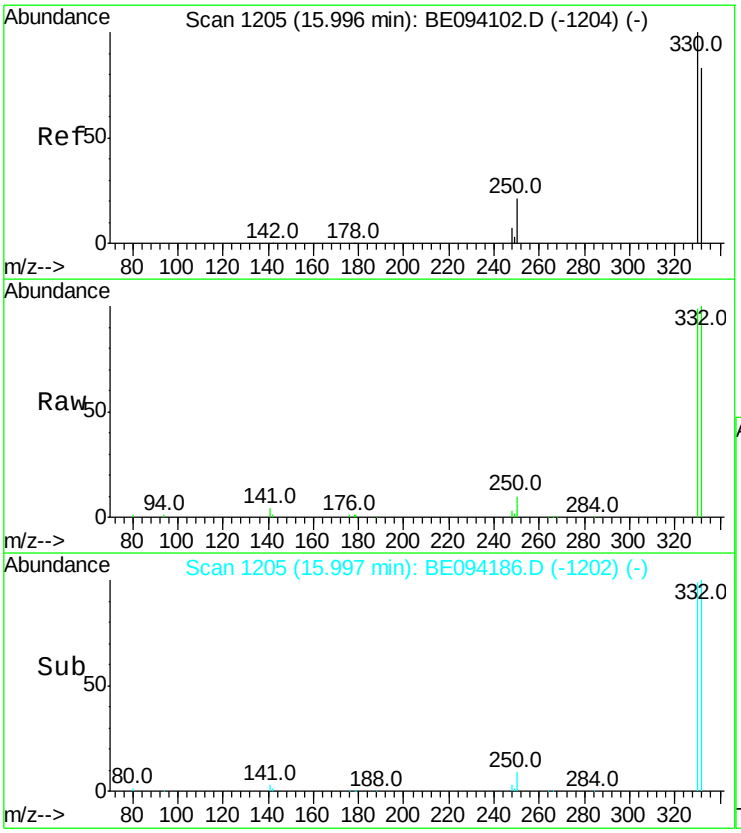
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:164 Resp: 4621

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.1	124.7
160	45.7	37.1	55.7

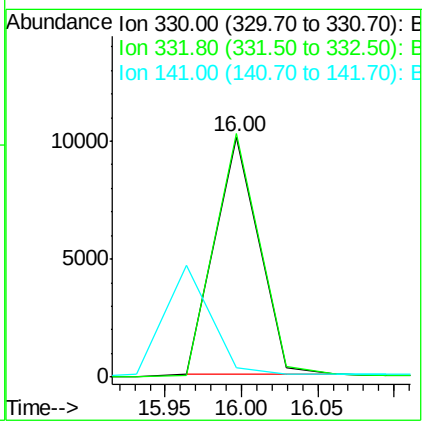


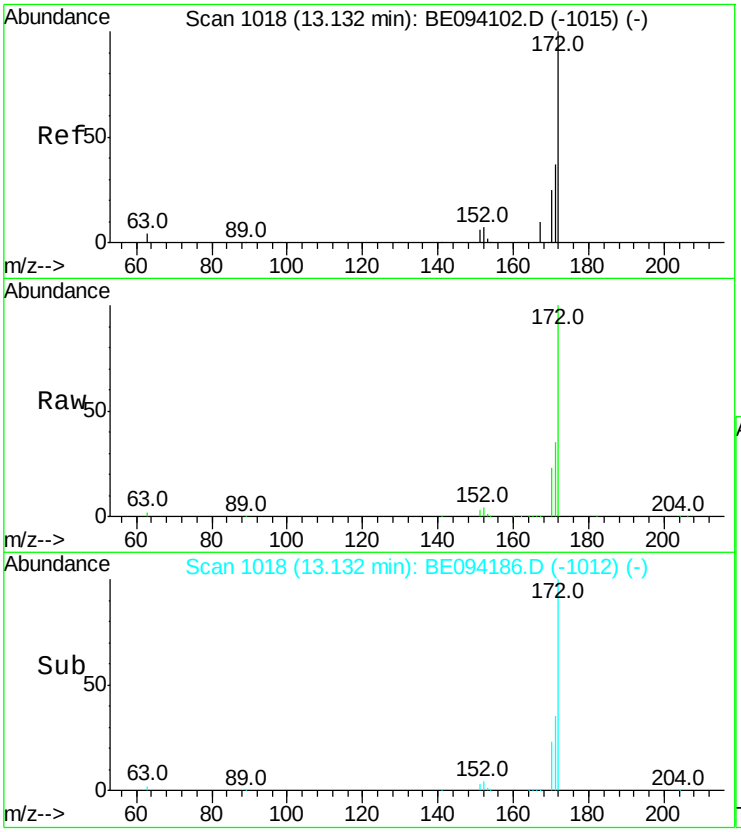


#14
2,4,6-Tribromophenol
Concen: 10.075 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:330 Resp: 20239

Ion	Ratio	Lower	Upper
330	100		
332	102.9	152.7	229.1#
141	0.0	33.7	50.5#



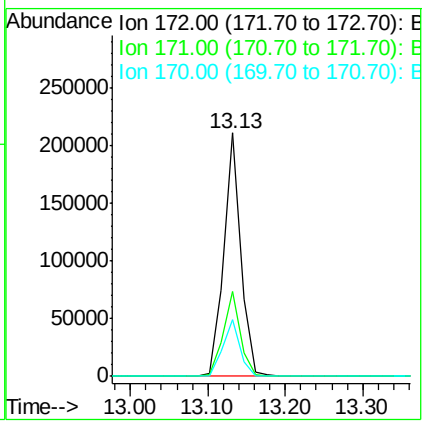


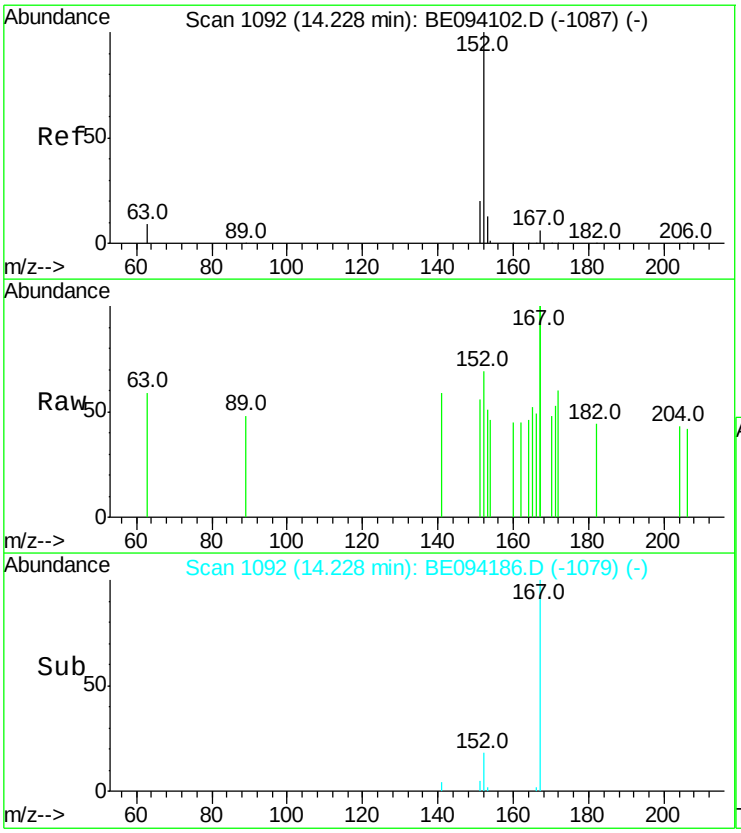
#15
2-Fluorobiphenyl
Concen: 20.415 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:172 Resp: 323177

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.9	44.9
170	23.2	21.8	32.8

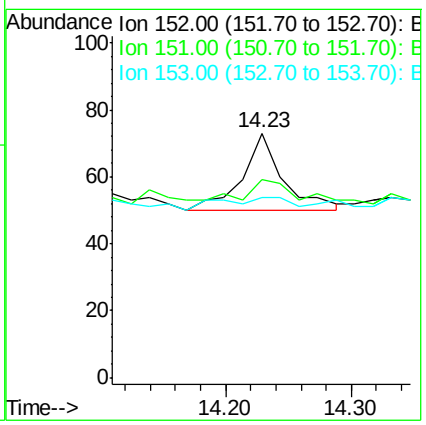


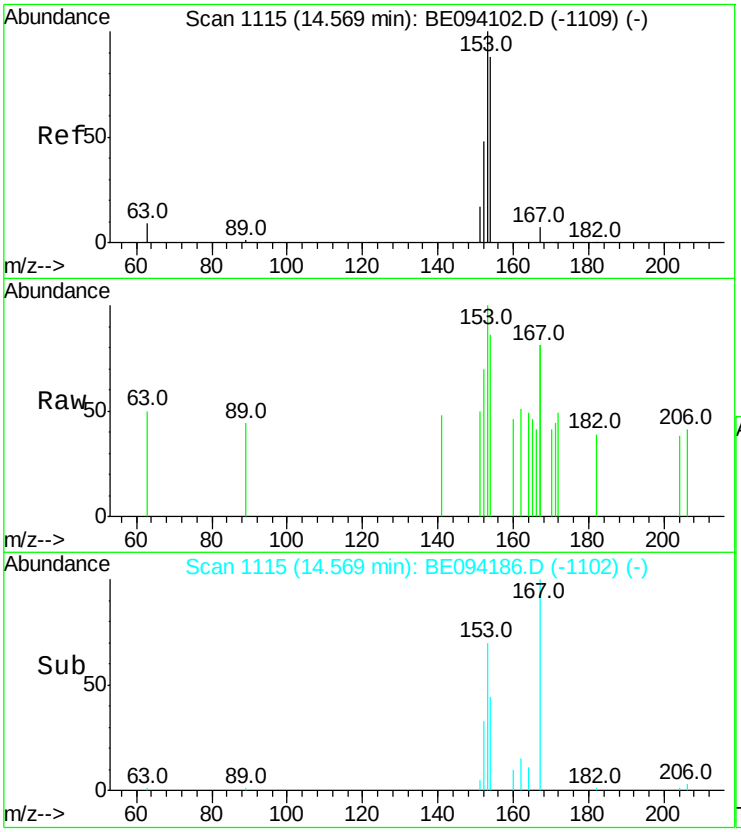


#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:152 Resp: 52

Ion	Ratio	Lower	Upper
152	100		
151	38.5	15.7	23.5#
153	32.7	10.5	15.7#



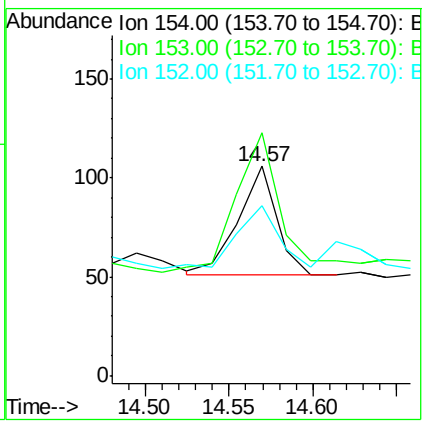


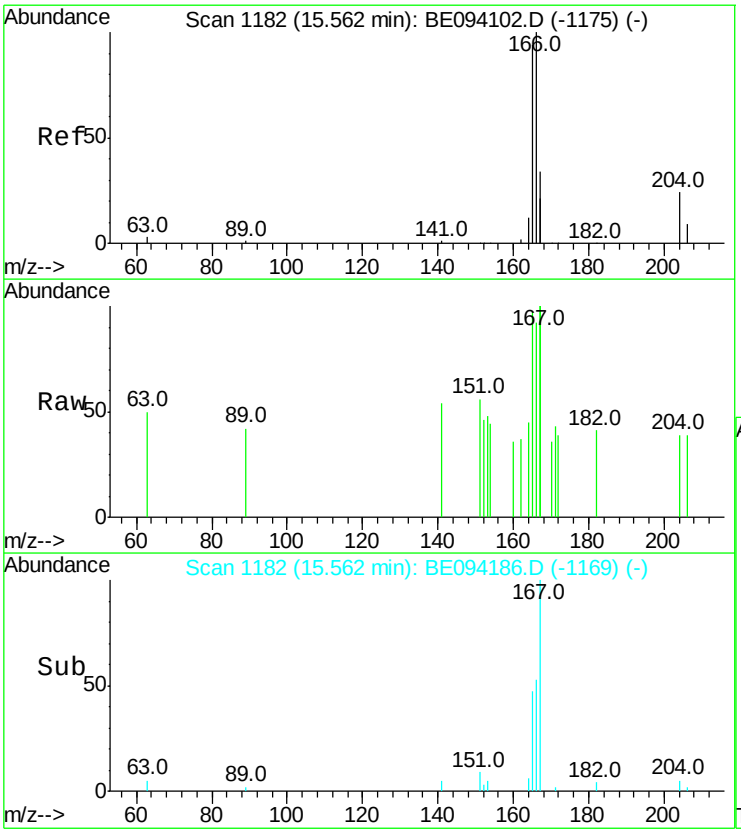
#17
Acenaphthene
Concen: 0.006 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:154 Resp: 87

Ion	Ratio	Lower	Upper
154	100		
153	158.6	89.2	133.8#
152	69.0	42.0	63.0#

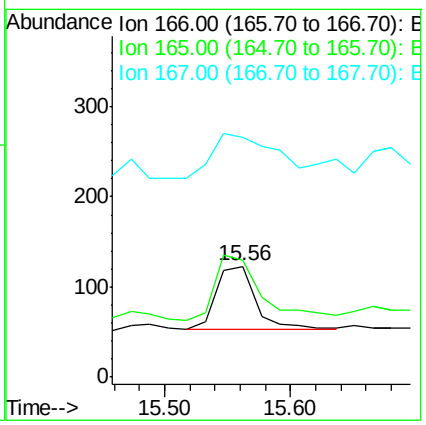


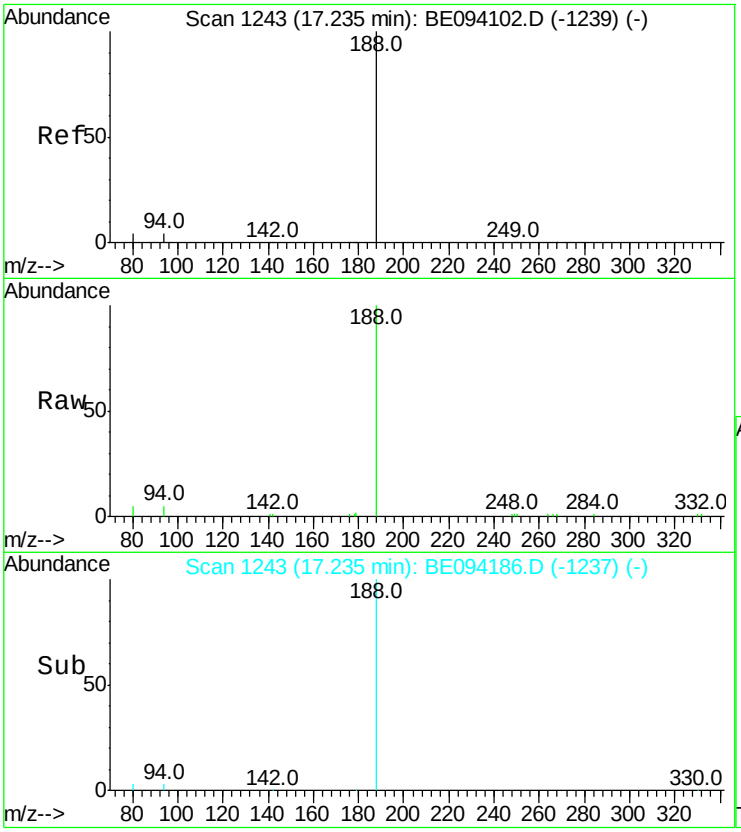


#18
Fluorene
Concen: 0.008 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:166 Resp: 152

Ion	Ratio	Lower	Upper
166	100		
165	121.7	77.8	116.6#
167	121.7	42.4	63.6#



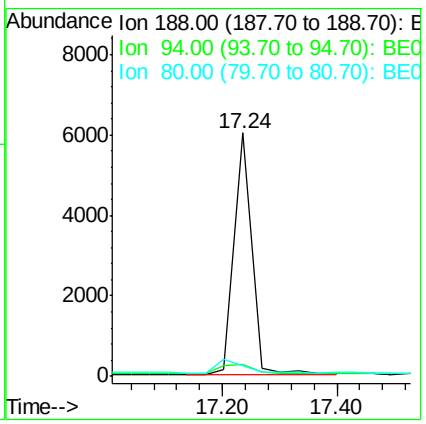


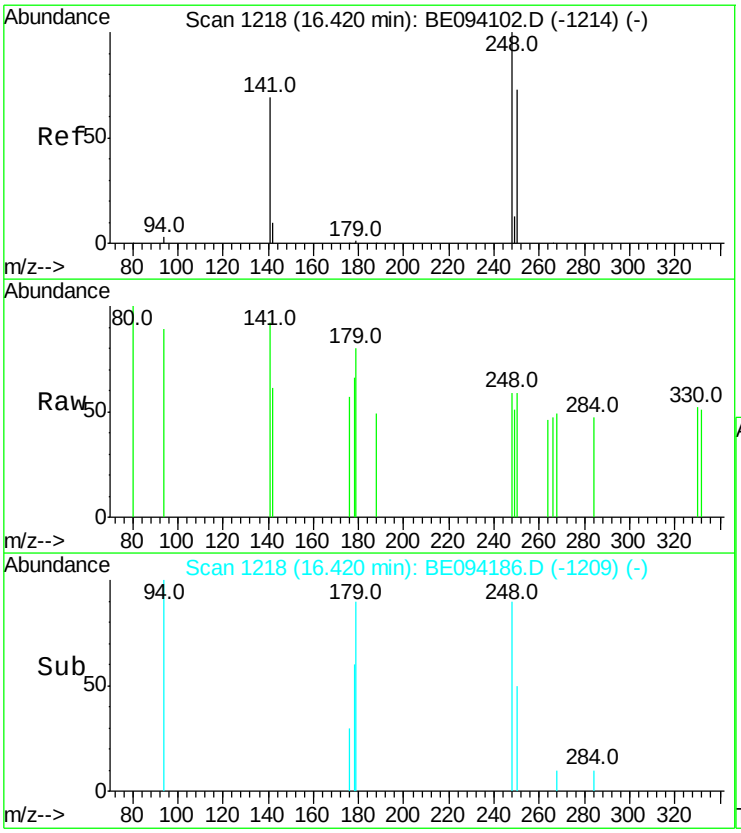
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:188 Resp: 12613

Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.9	5.9
80	4.5	3.6	5.4

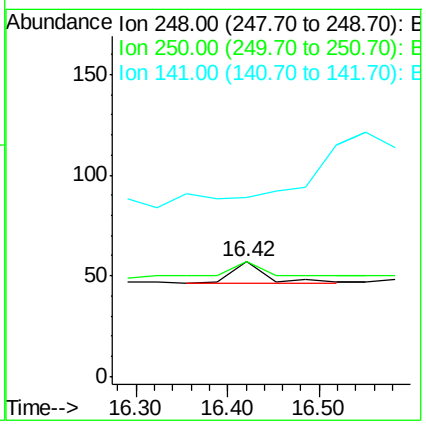


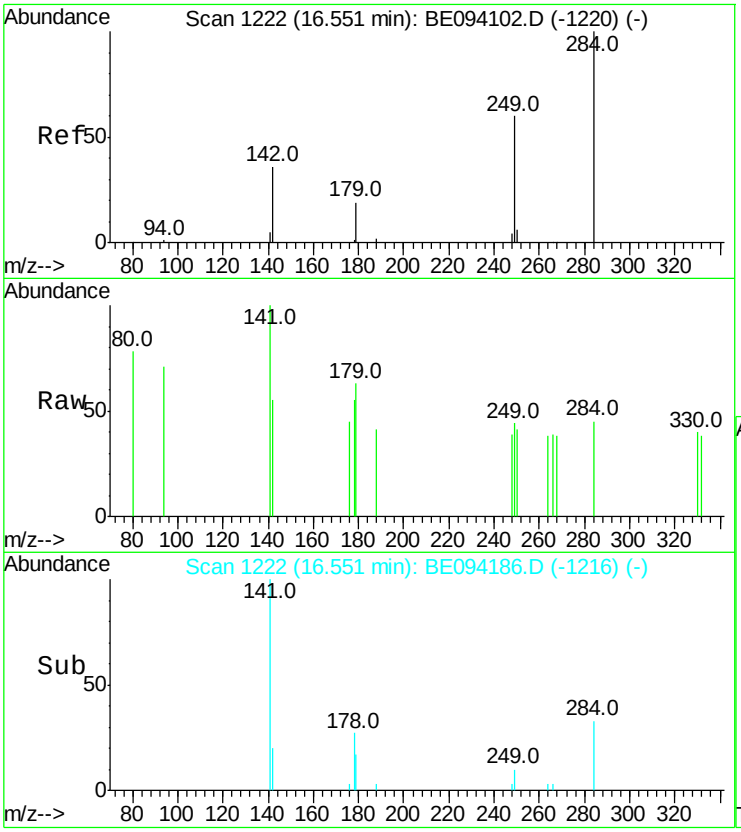


#20
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:248 Resp: 31

Ion	Ratio	Lower	Upper
248	100		
250	100.0	62.7	94.1#
141	156.1	48.2	72.2#



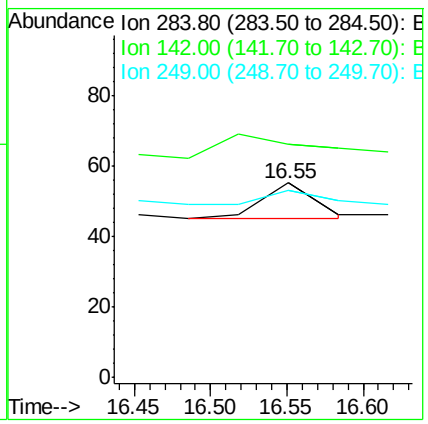


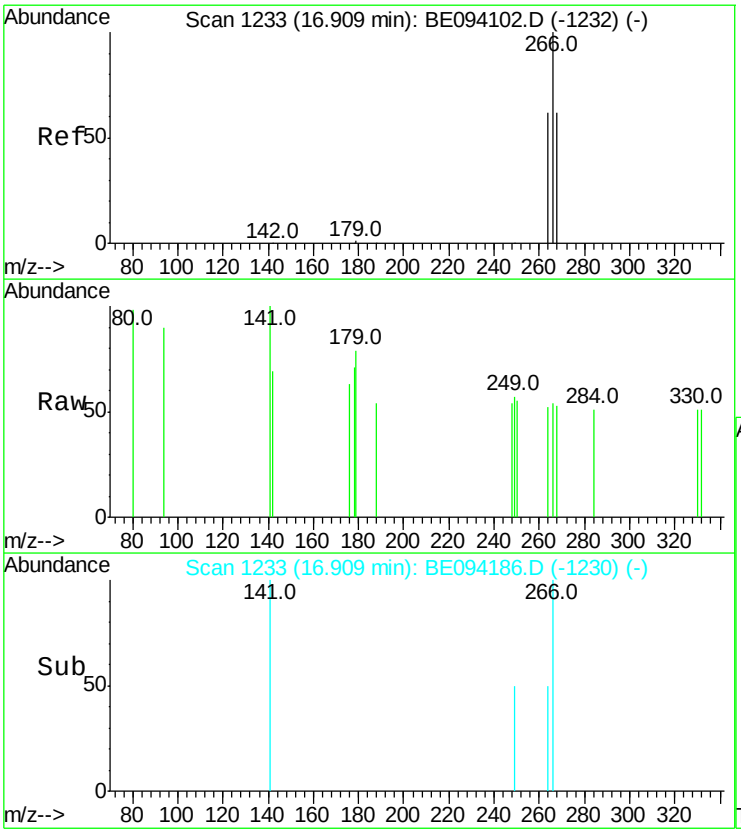
#21
Hexachlorobenzene
Concen: 0.004 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:284 Resp: 23

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	43.5	34.8	52.2

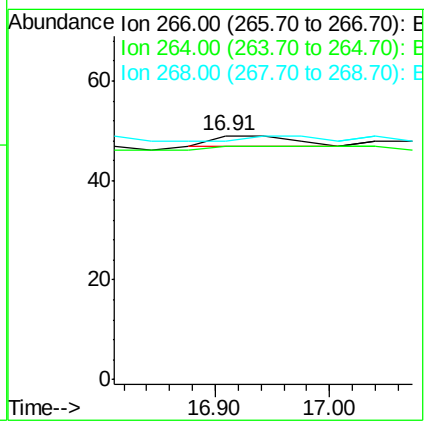


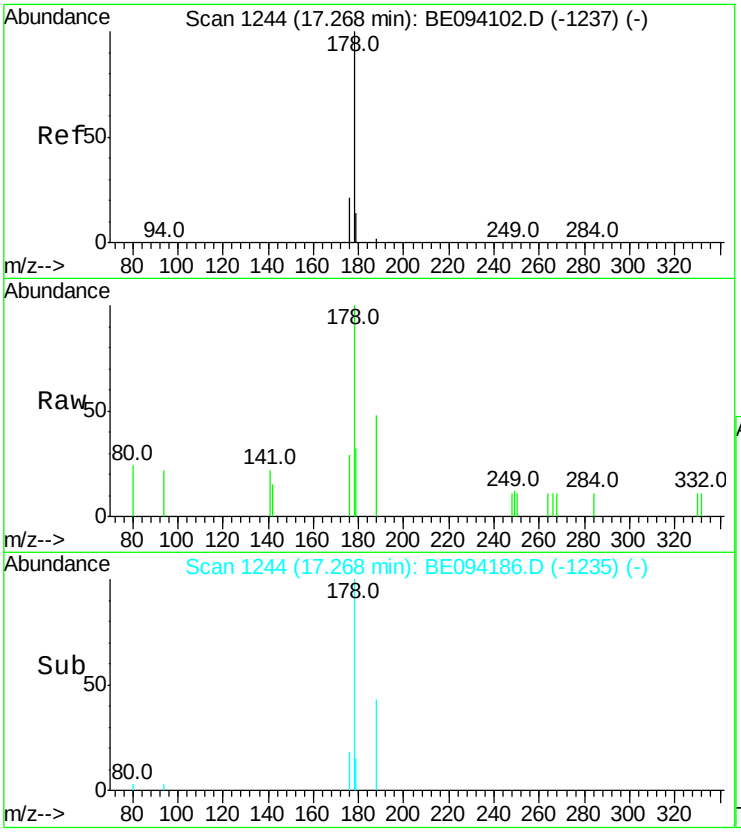


#22
Pentachlorophenol
Concen: 0.006 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	95.9	72.5	108.7
268	98.0	73.8	110.6



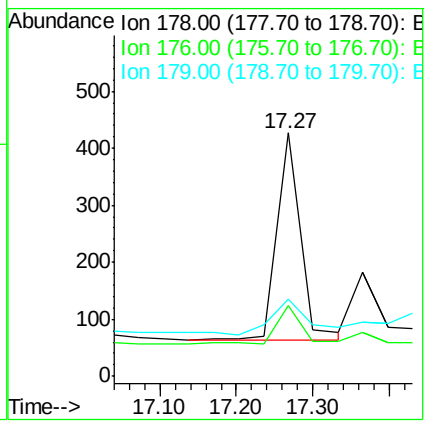


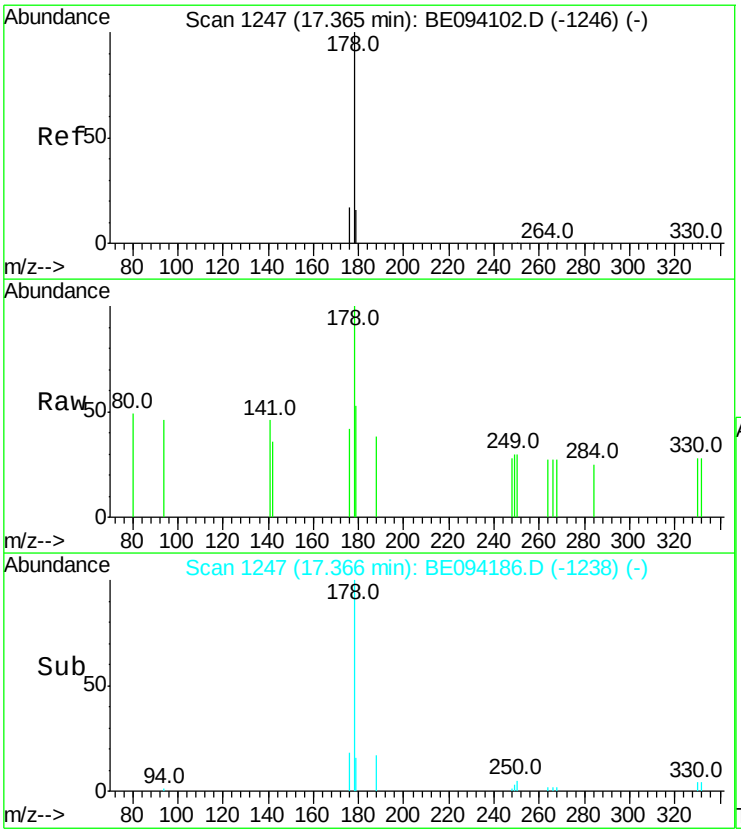
#23
Phenanthrene
Concen: 0.018 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:178 Resp: 786

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.1	22.7
179	24.2	11.8	17.6#

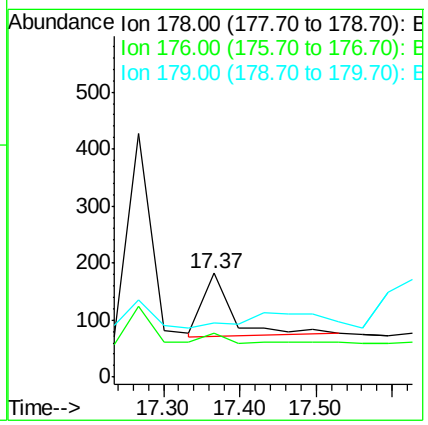


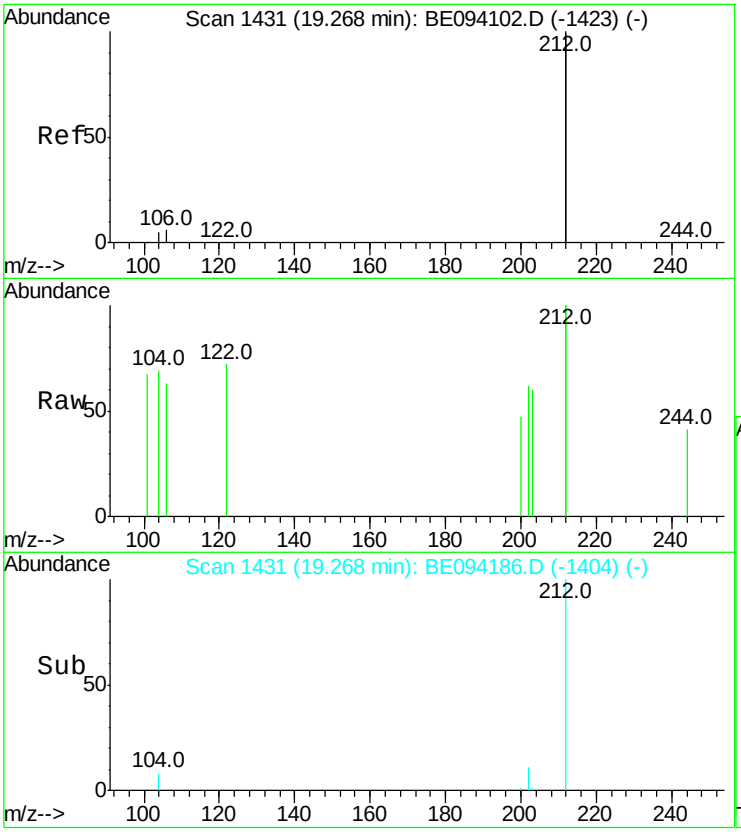


#24
Anthracene
Concen: 0.009 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:178 Resp: 301

Ion	Ratio	Lower	Upper
178	100		
176	12.3	12.8	19.2#
179	0.0	13.0	19.6#



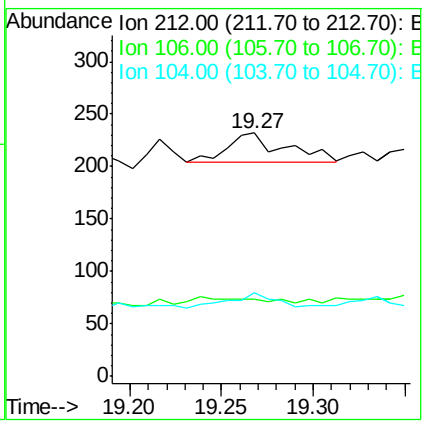


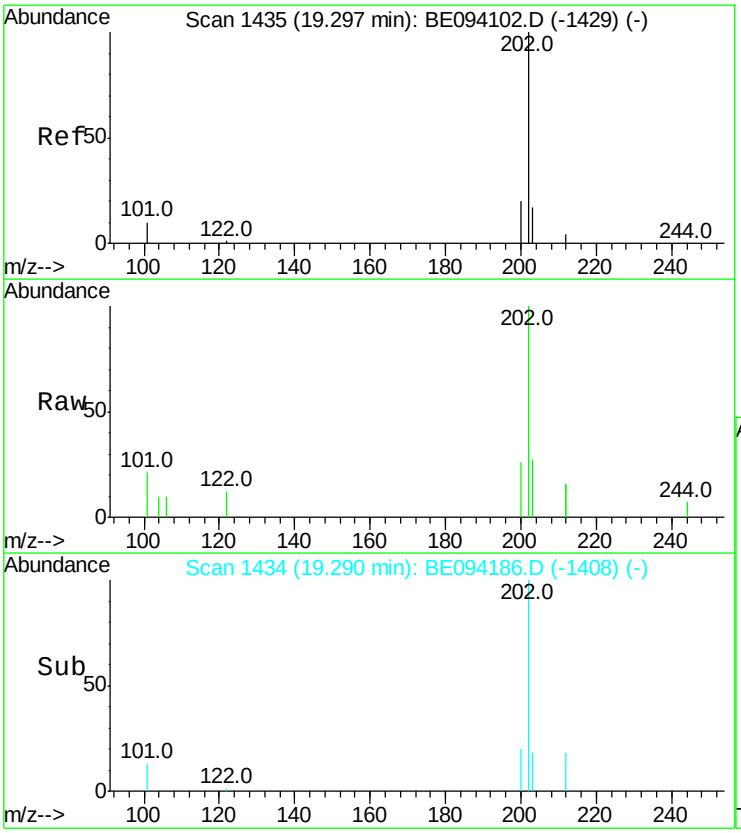
#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.27 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:212 Resp: 62

Ion	Ratio	Lower	Upper
212	100		
106	0.0	2.8	4.2#
104	43.5	1.6	2.4#

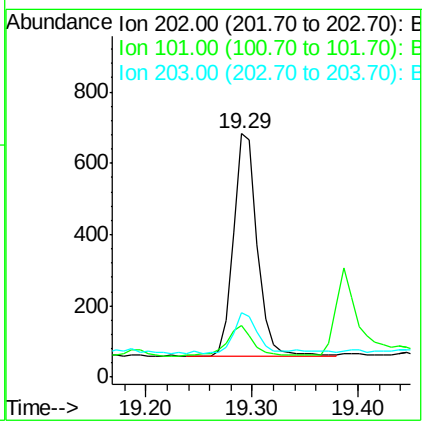


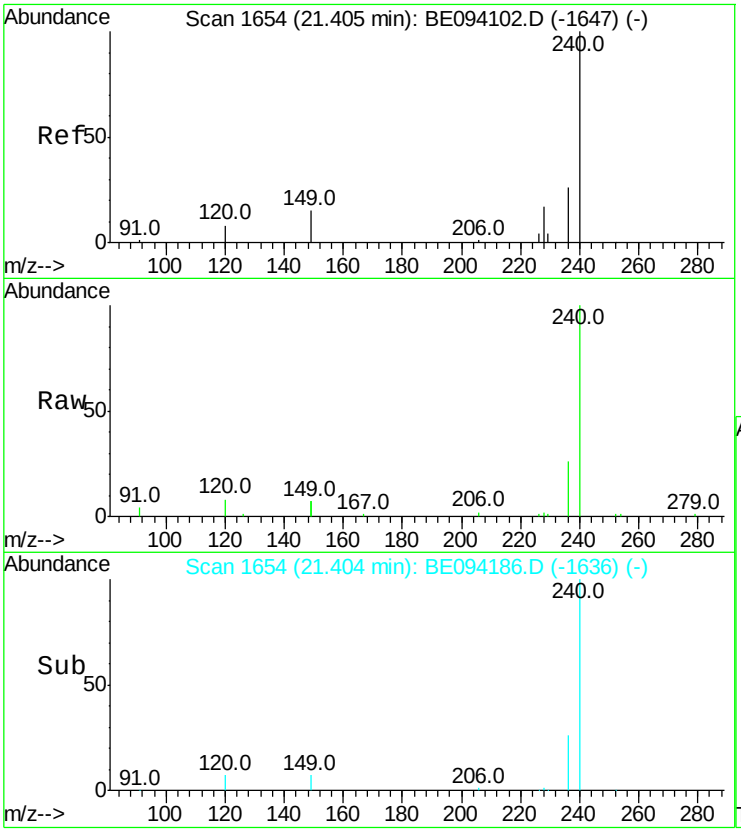


#26
Fluoranthene
Concen: 0.026 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:202 Resp: 985

Ion	Ratio	Lower	Upper
202	100		
101	16.0	9.8	14.8#
203	17.7	13.7	20.5



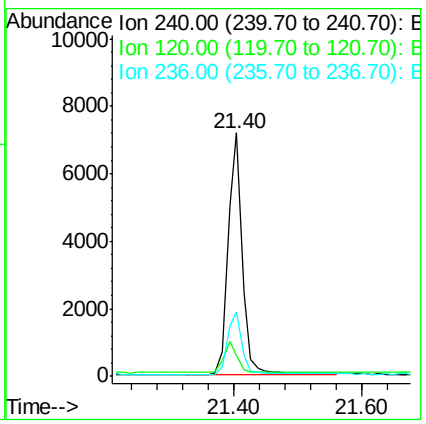


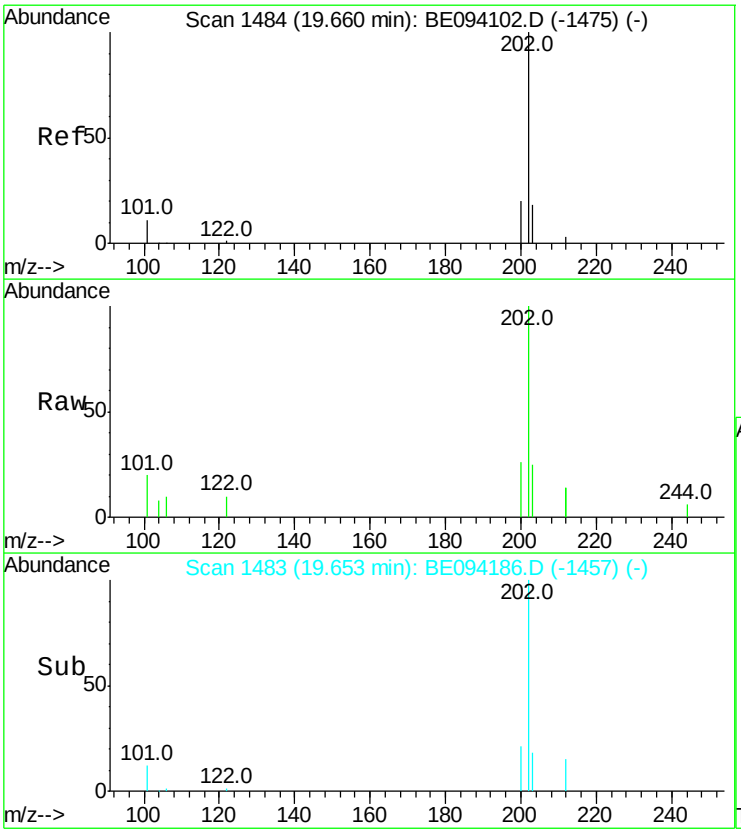
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:240 Resp: 10915

Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.5	8.3#
236	26.2	20.7	31.1

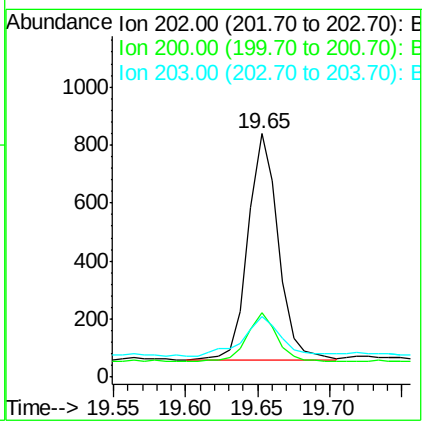


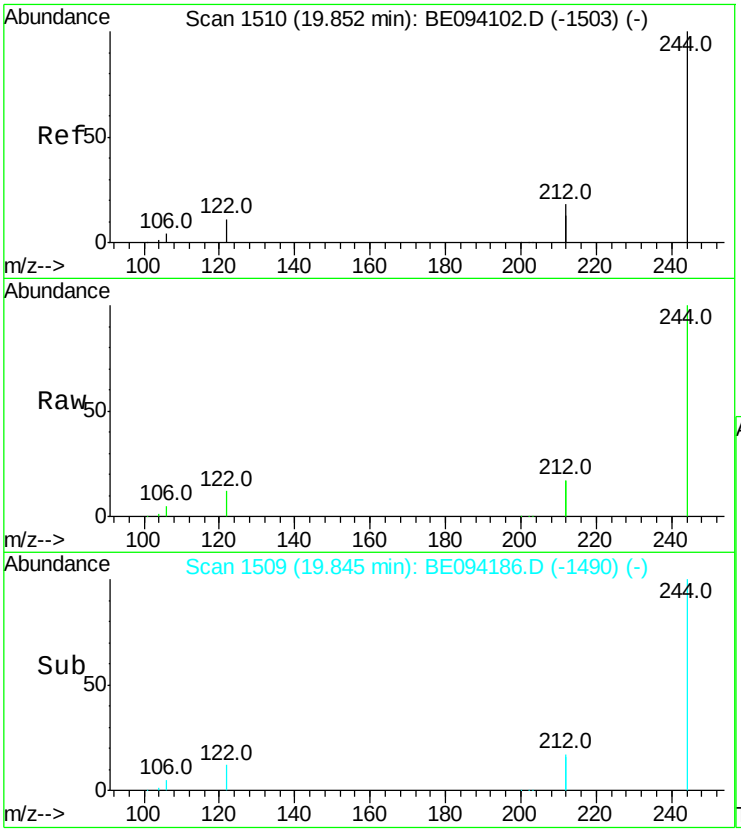


#28
Pyrene
Concen: 0.030 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:202 Resp: 1143

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	25.0
203	22.1	13.8	20.8#



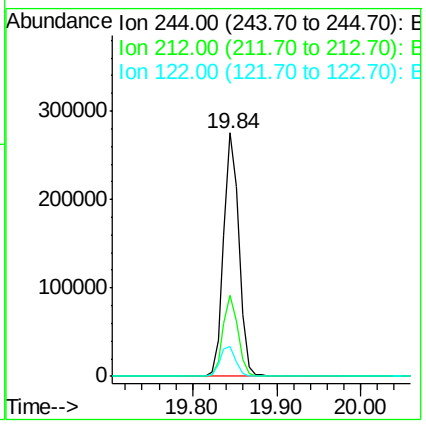


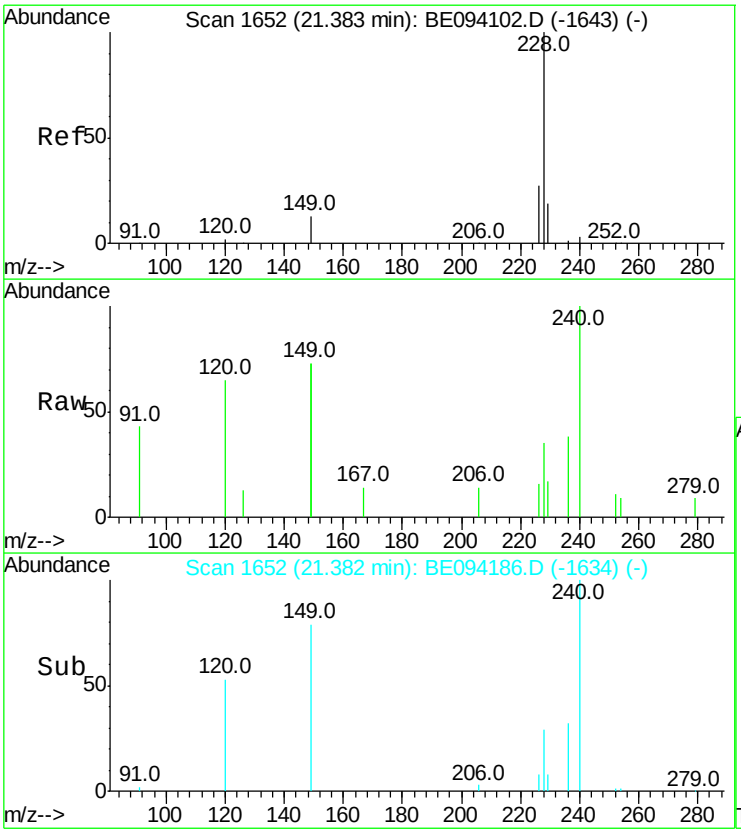
#29
Terphenyl-d14
Concen: 16.865 ng
RT: 19.84 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:244 Resp: 347618

Ion	Ratio	Lower	Upper
244	100		
212	33.1	25.4	38.0
122	12.4	8.1	12.1#

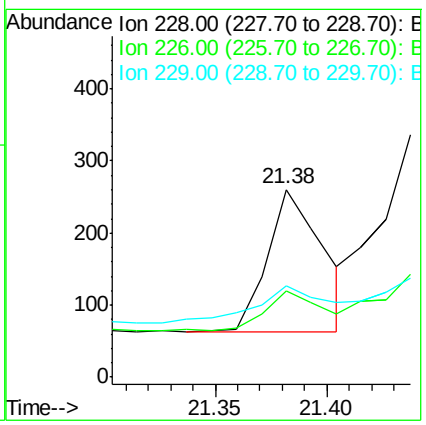


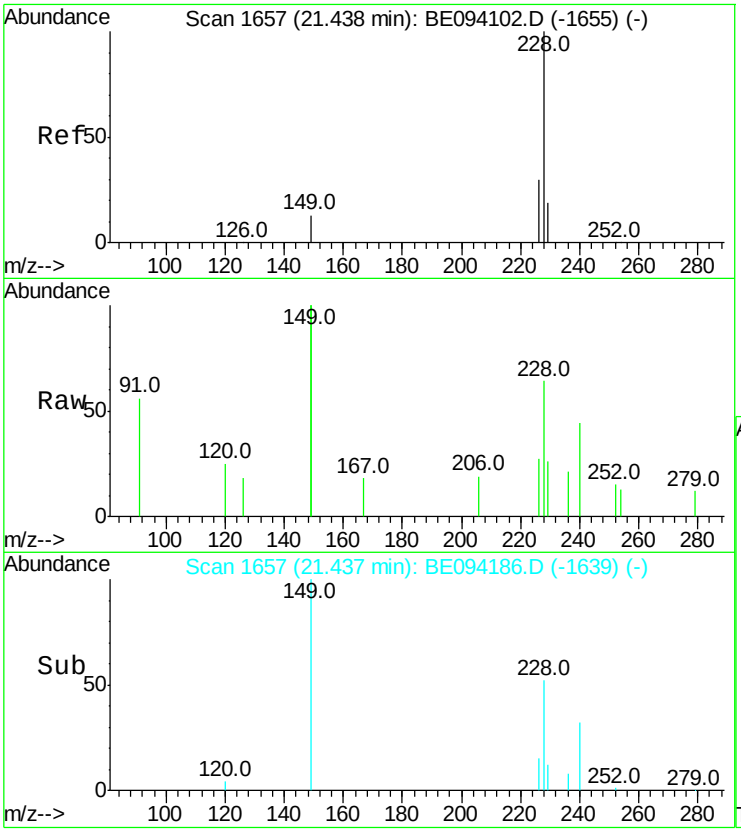


#30
Benzo(a)anthracene
Concen: 0.010 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:228 Resp: 345

Ion	Ratio	Lower	Upper
228	100		
226	46.2	21.4	32.0#
229	48.5	16.4	24.6#



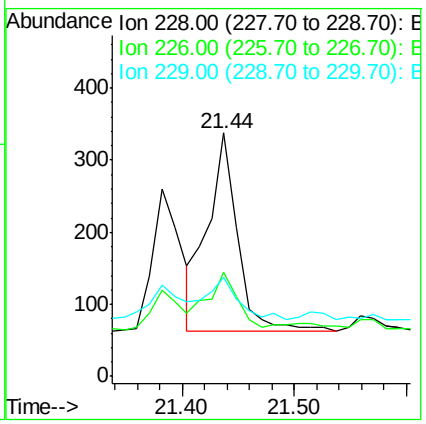


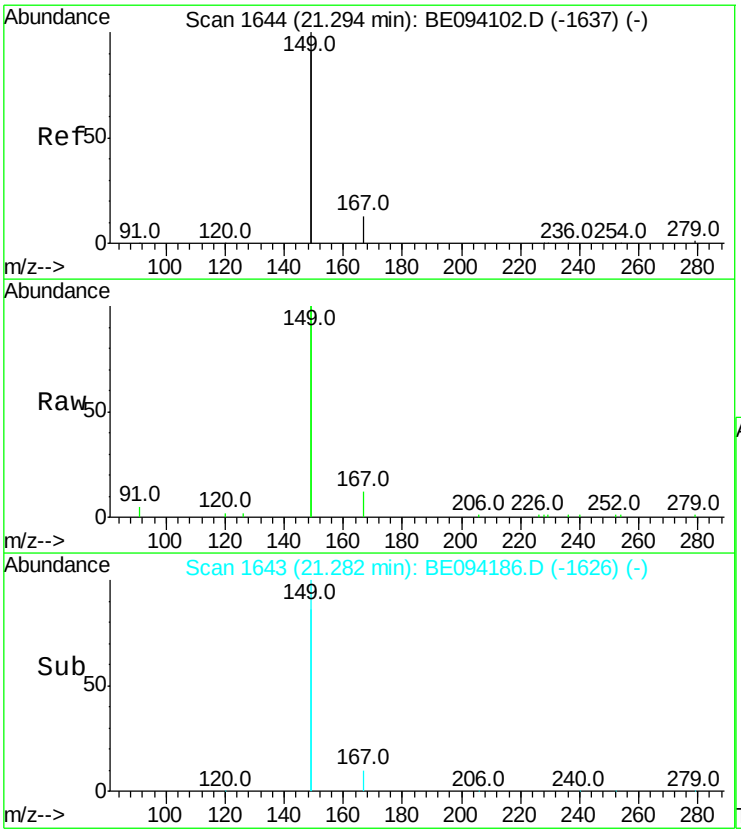
#31
Chrysene
Concen: 0.015 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:228 Resp: 514

Ion	Ratio	Lower	Upper
228	100		
226	42.6	23.6	35.4#
229	40.8	16.4	24.6#

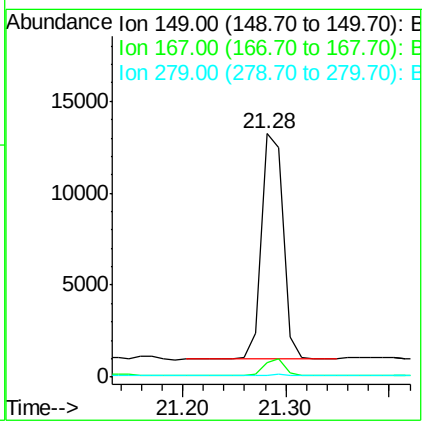


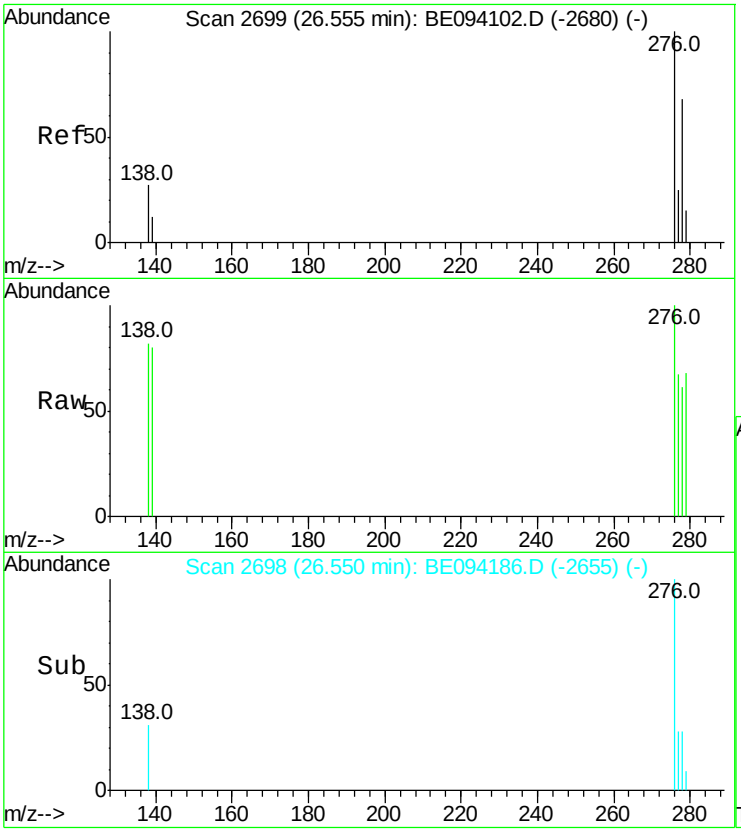


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.217 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:149 Resp: 17905

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.8	0.7	1.1



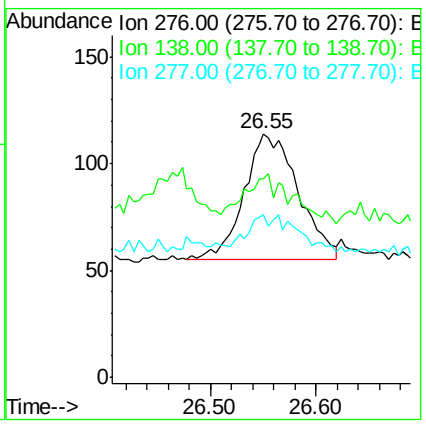


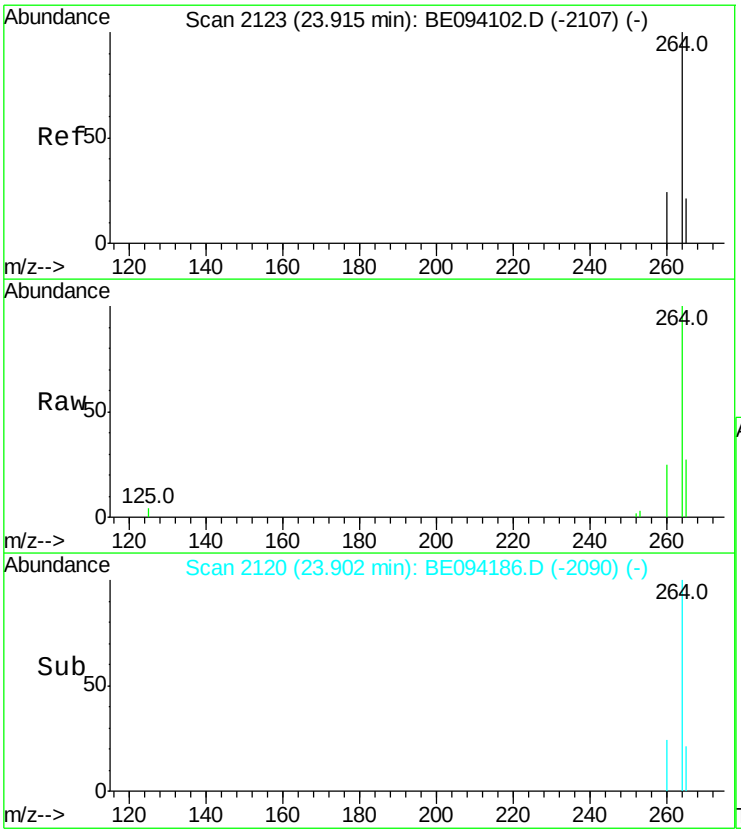
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.006 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument : BNA_E
ClientSampleId : PAMT-COMP-C

Tgt Ion:276 Resp: 211

Ion	Ratio	Lower	Upper
276	100		
138	27.0	22.5	33.7
277	9.5	19.9	29.9#

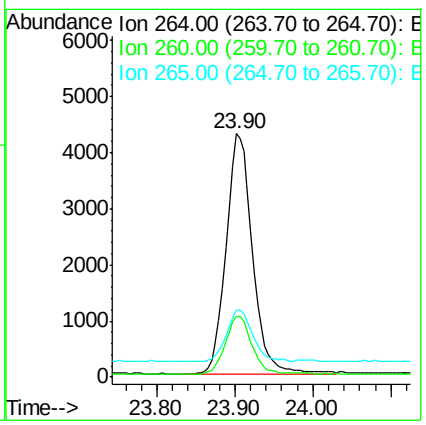


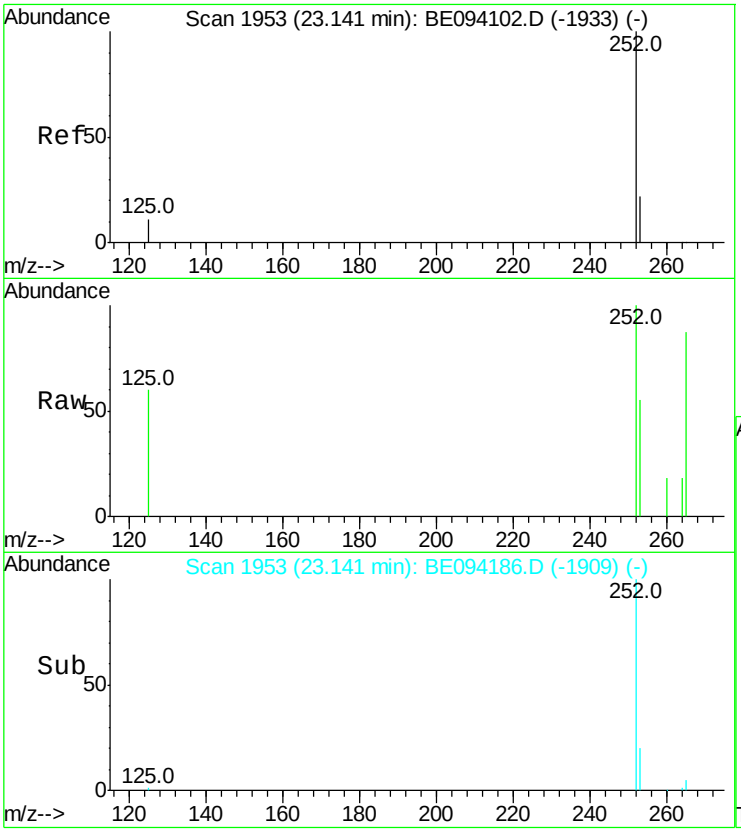


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:264 Resp: 10032

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.5	30.7
265	27.4	22.8	34.2



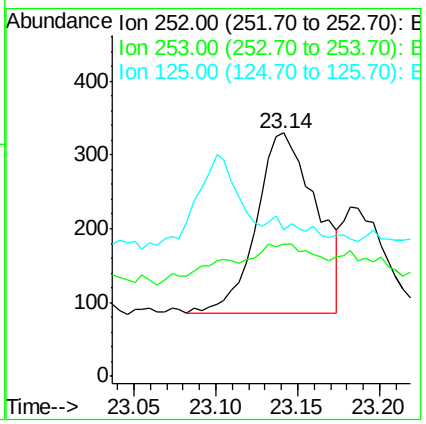


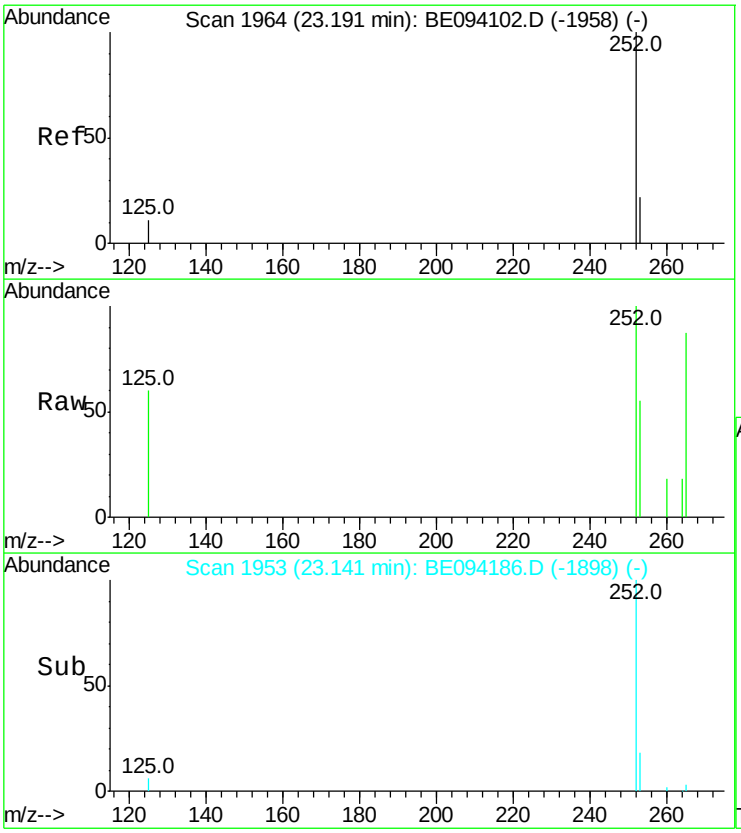
#35
Benzo(b)fluoranthene
Concen: 0.018 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:252 Resp: 622

Ion	Ratio	Lower	Upper
252	100		
253	54.5	18.2	27.2#
125	60.0	10.1	15.1#

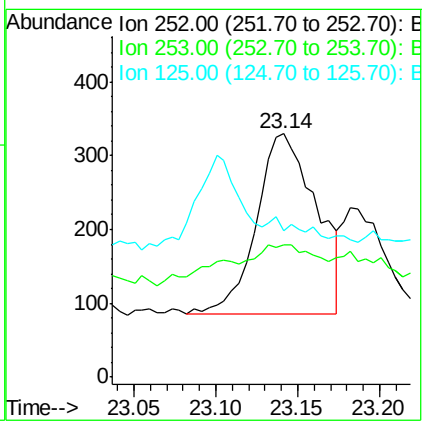


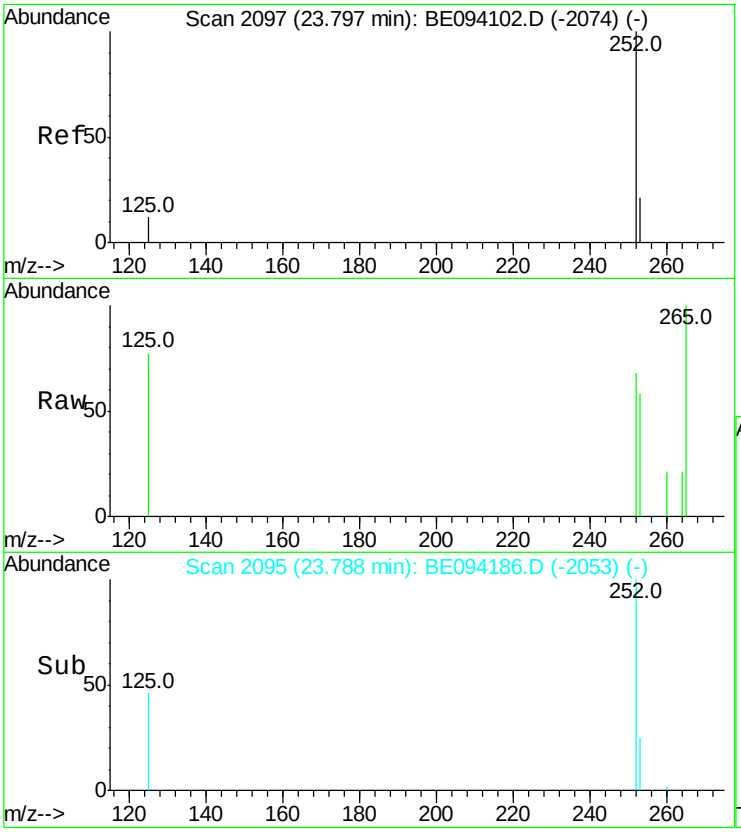


#36
Benzo(k)fluoranthene
Concen: 0.018 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:252 Resp: 622

Ion	Ratio	Lower	Upper
252	100		
253	54.5	18.6	27.8#
125	60.0	10.7	16.1#



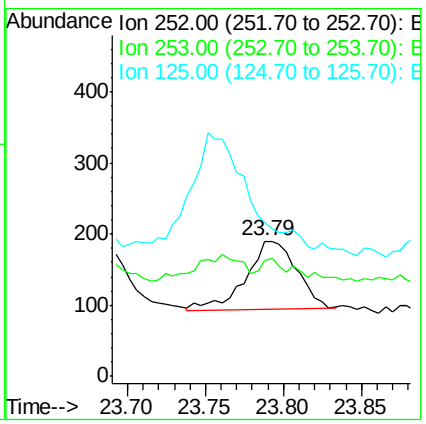


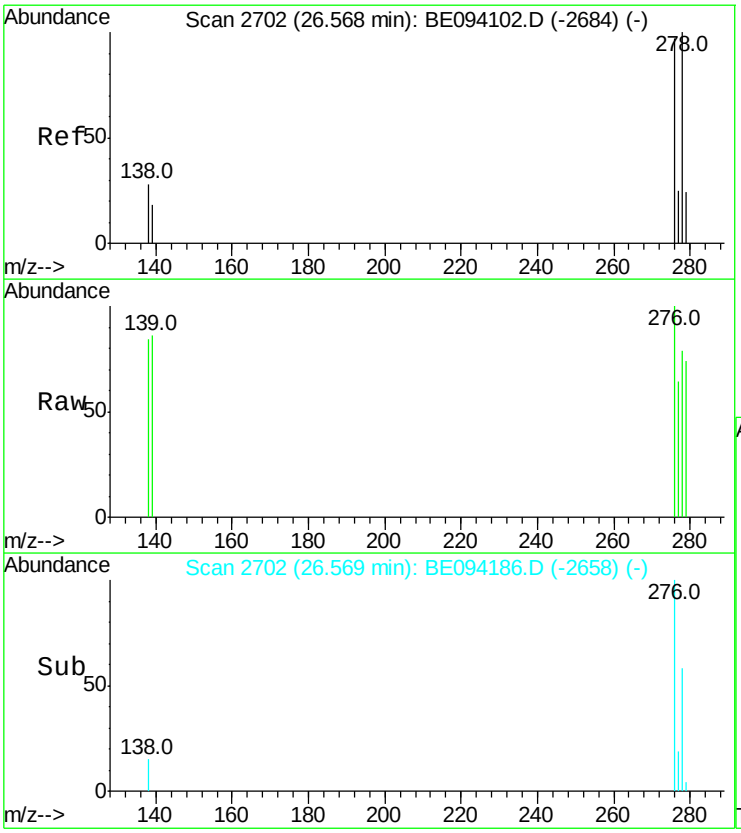
#37
Benzo(a)pyrene
Concen: 0.007 ng
RT: 23.79 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:252 Resp: 217

Ion	Ratio	Lower	Upper
252	100		
253	85.3	19.0	28.6#
125	113.7	11.8	17.8#

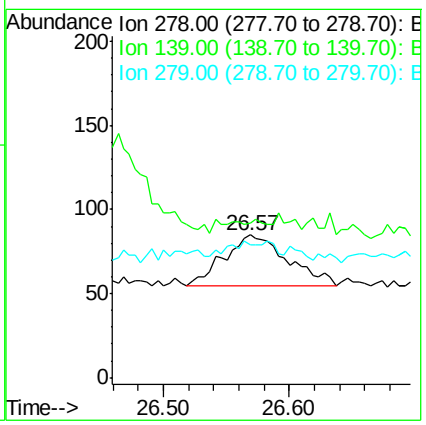


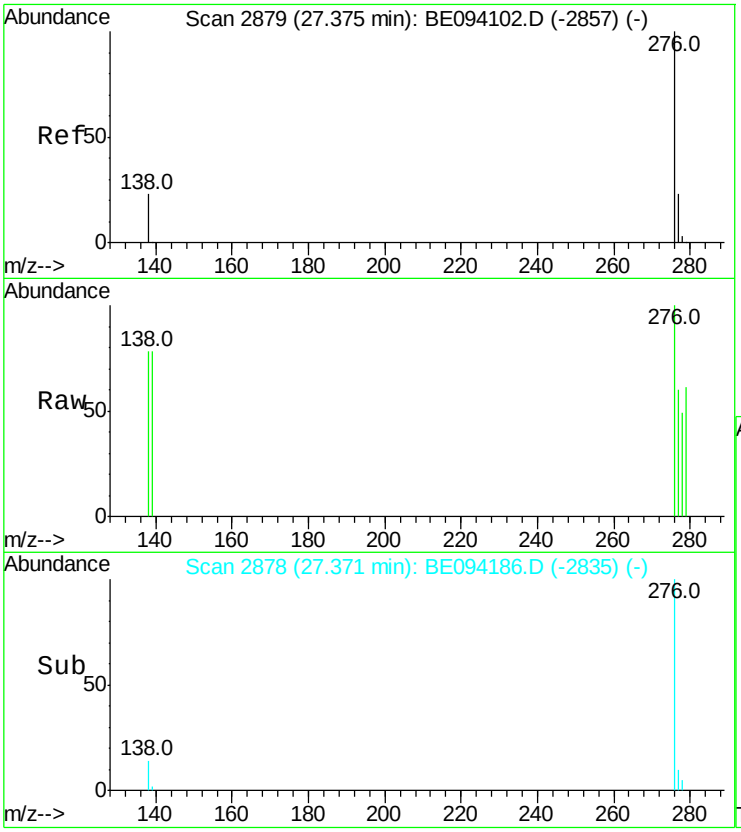


#38
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 26.57 min Scan# 2702
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:278 Resp: 104

Ion	Ratio	Lower	Upper
278	100		
139	108.2	16.3	24.5#
279	92.9	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.007 ng
RT: 27.37 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C

Tgt Ion:276 Resp: 217

Ion	Ratio	Lower	Upper
276	100		
277	60.4	20.8	31.2#
138	78.4	21.5	32.3#