Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094190.D
Acq On : 6 Oct 2017 21:52
Operator : SJ/JU
Sample : I5571-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PAMT-COMP-C-D

Quant Time: Oct 07 01:15:01 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	1631	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	7703	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	4493	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	12287	0.40	ng		0.00
27) Chrysene-d12	21.40	240	11100	0.40	ng		0.00
34) Perylene-d12	23.90	264	10205	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	126660	23.30	ng		0.00
5) Phenol-d6	7.07	99	118127	14.99	ng		-0.01
8) Nitrobenzene-d5	9.05	82	370472	57.77	ng		-0.02
11) 2-Methylnaphthalene-d10	12.28	152	1	0.00	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	126023	64.52	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	733811	47.68	ng		0.00
25) Fluoranthene-d10	19.29	212	176	0.00	ng		0.02
29) Terphenyl-d14	19.84	244	1036702	49.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	202	0.068	ng	#	47
3) n-Nitrosodimethylamine	3.66	42	245	0.077	ng	#	1
6) bis(2-Chloroethyl)ether	7.31	93	23	0.004	ng	#	1
9) Naphthalene	10.74	128	558	0.006	ng	#	73
10) Hexachlorobutadiene	11.03	225	5	0.002	ng	#	50
12) 2-Methylnaphthalene	12.35	142	69	0.005	ng	#	71
16) Acenaphthylene	14.23	152	70	0.003	ng	#	33
17) Acenaphthene	14.57	154	63	0.004	ng	#	69
18) Fluorene	15.55	166	98	0.005	ng	#	15
20) 4-Bromophenyl-phenylether	16.42	248	20	0.003	ng	#	3
21) Hexachlorobenzene	16.55	284	8	0.001	ng	#	1
22) Pentachlorophenol	16.91	266	16	0.009	ng		95
23) Phenanthrene	17.27	178	620	0.015	ng	#	68
24) Anthracene	17.37	178	149	0.005	ng	#	80
26) Fluoranthene	19.29	202	421	0.011	ng	#	1
28) Pyrene	19.65	202	534	0.014	ng	#	90
30) Benzo(a)anthracene	21.38	228	230	0.006	ng	#	38
31) Chrysene	21.44	228	280	0.008	ng	#	52
32) Bis(2-ethylhexyl)phthalate	21.28	149	18251	0.217	ng		99
33) Indeno(1,2,3-cd)pyrene	26.56	276	179	0.005	ng	#	74
35) Benzo(b)fluoranthene	23.14	252	339	0.010	ng	#	1
36) Benzo(k)fluoranthene	23.19	252	187	0.005	ng	#	1
37) Benzo(a)pyrene	23.79	252	167	0.005	ng	#	1
38) Dibenzo(a,h)anthracene	26.57	278	139	0.005	ng	#	1
39) Benzo(g,h,i)perylene	27.37	276	147	0.005	ng	#	1

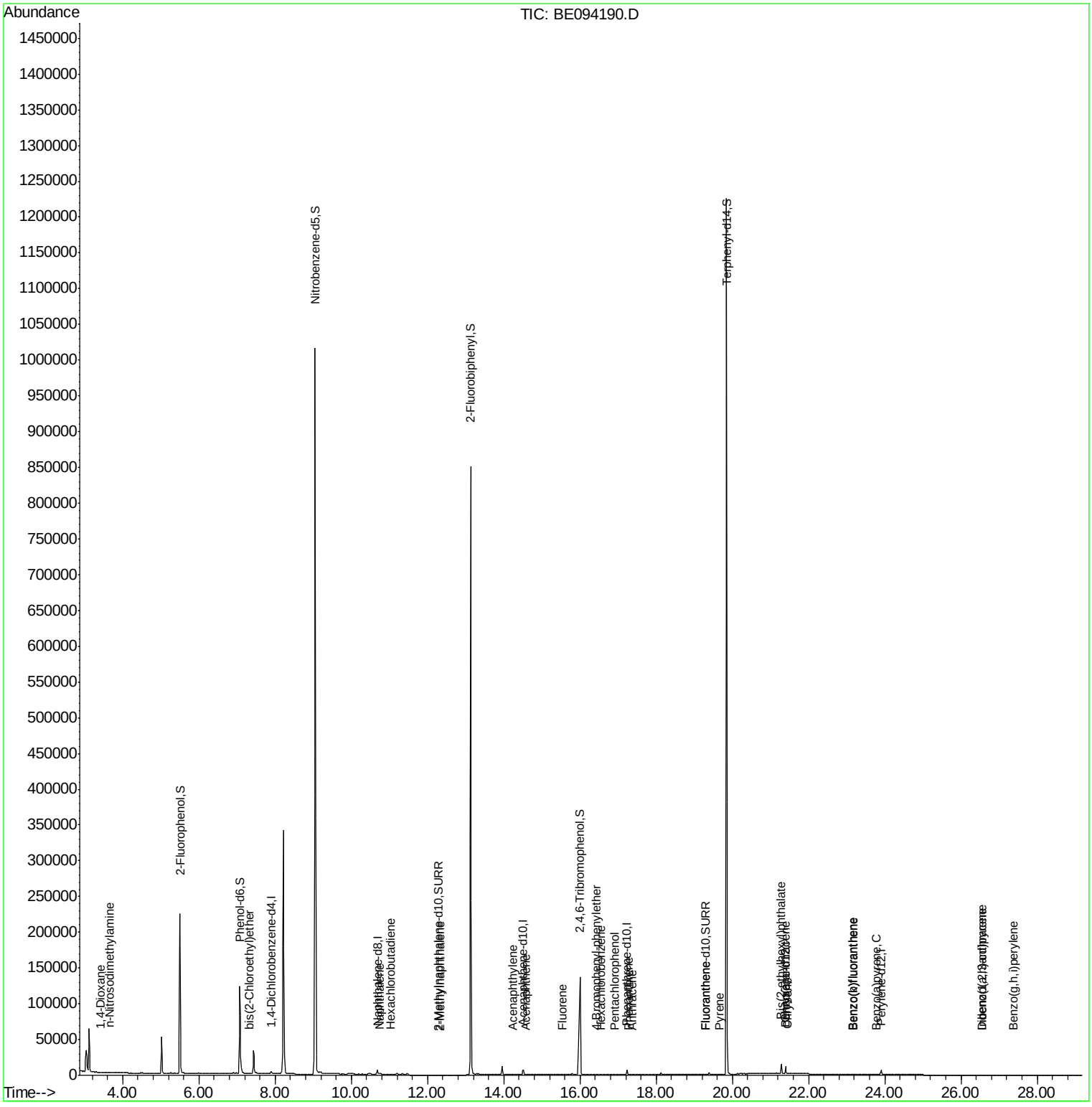
(#) = qualifier out of range (m) = manual integration (+) = signals summed

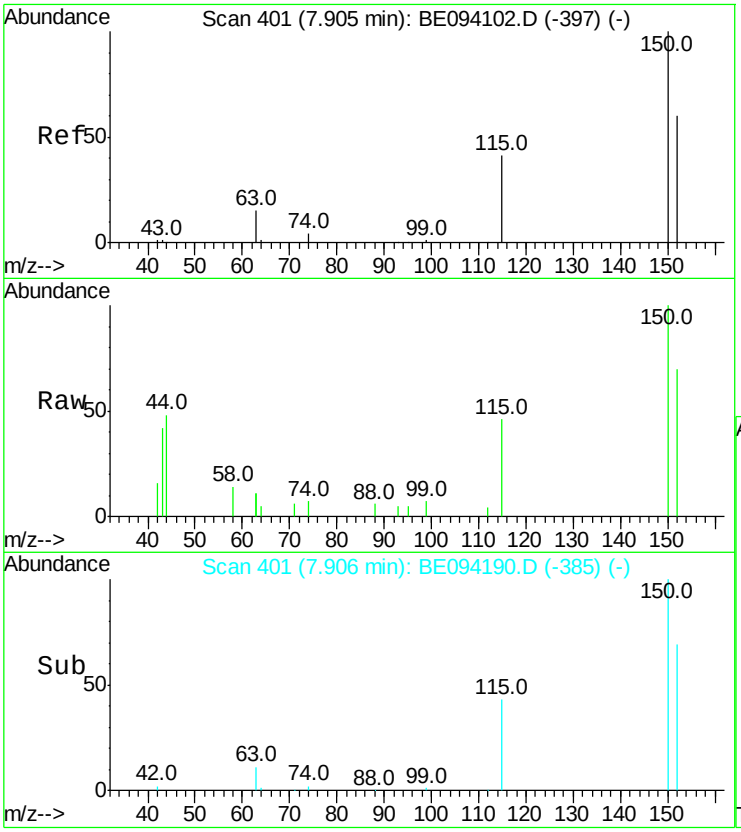
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094190.D
Acq On : 6 Oct 2017 21:52
Operator : SJ/JU
Sample : I5571-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Quant Time: Oct 07 01:15:01 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



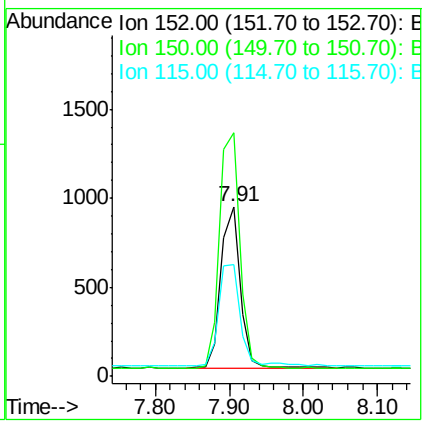


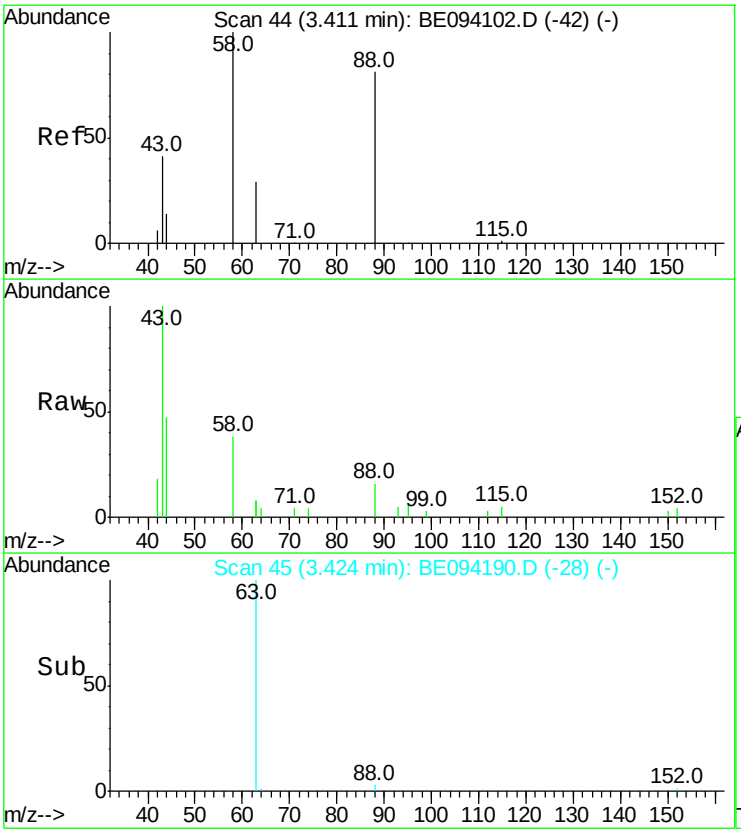
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:152 Resp: 1631

Ion	Ratio	Lower	Upper
152	100		
150	143.3	117.2	175.8
115	65.9	57.0	85.6

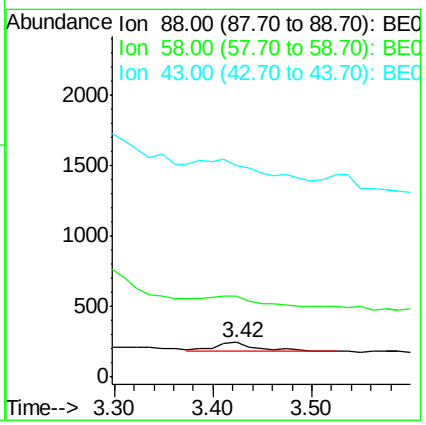


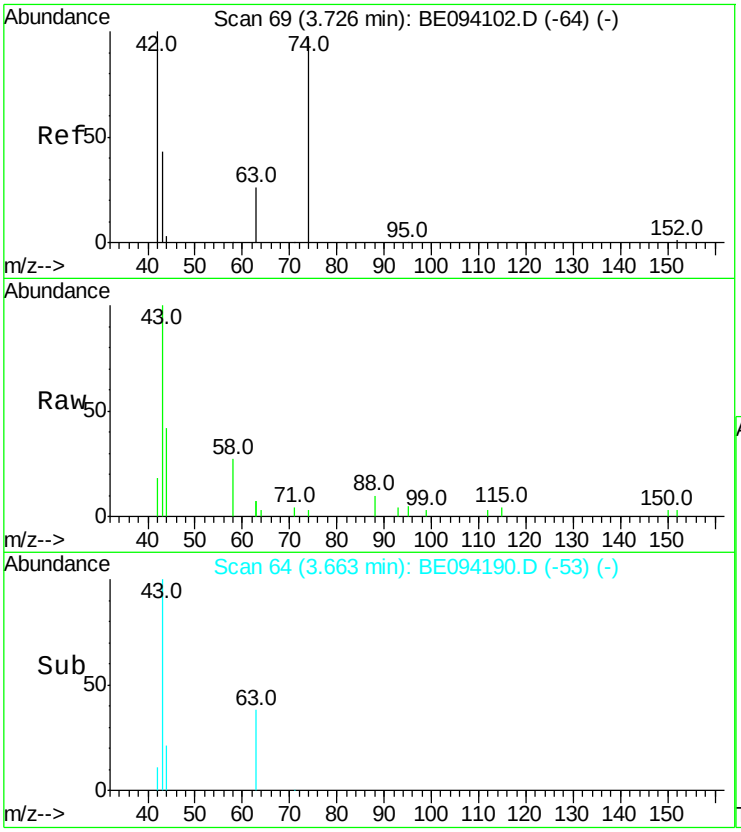


#2
1,4-Dioxane
Concen: 0.068 ng
RT: 3.42 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion: 88 Resp: 202

Ion	Ratio	Lower	Upper
88	100		
58	113.9	63.2	94.8#
43	0.0	41.2	61.8#



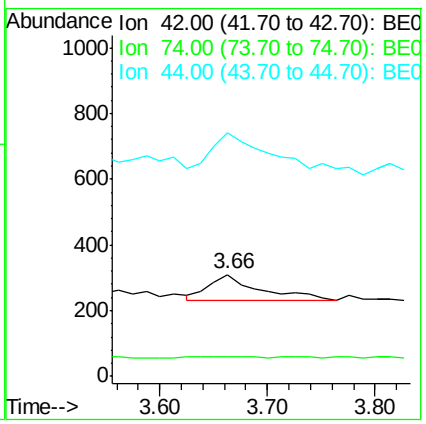


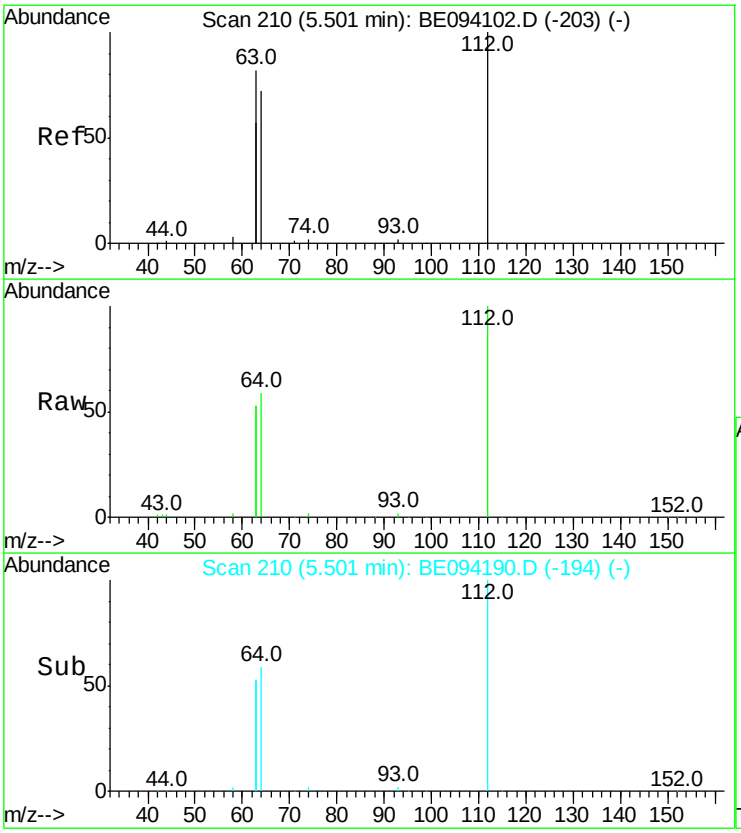
#3
n-Nitrosodimethylamine
Concen: 0.077 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.06 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion: 42 Resp: 245

Ion	Ratio	Lower	Upper
42	100		
74	0.0	100.3	150.5#
44	224.9	17.0	25.4#

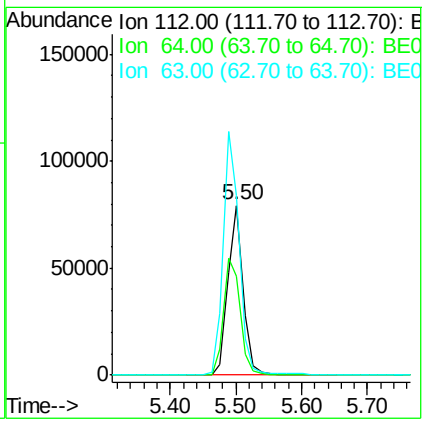


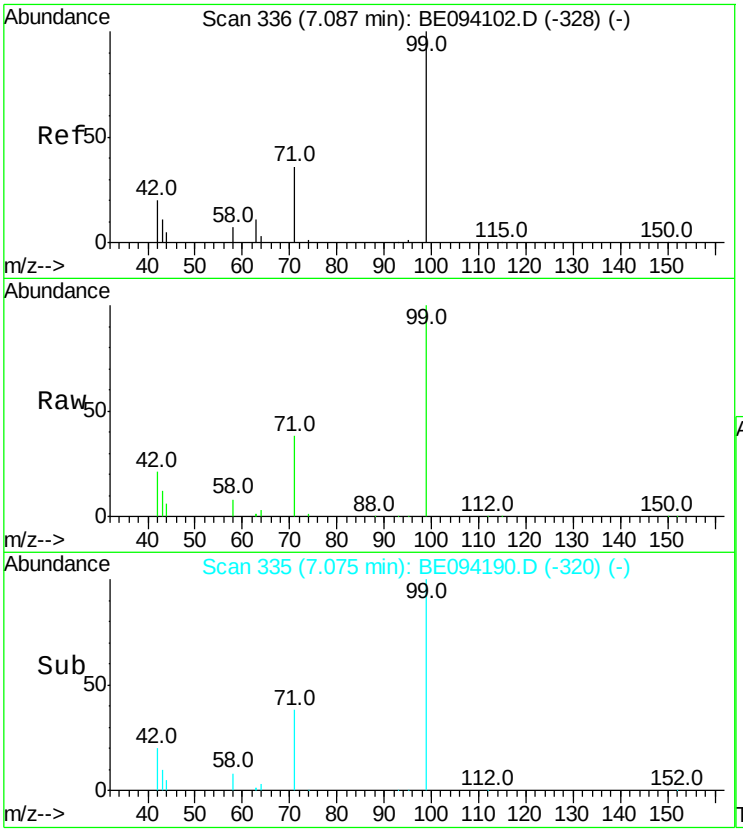


#4
2-Fluorophenol
Concen: 23.304 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:112 Resp: 126660

Ion	Ratio	Lower	Upper
112	100		
64	75.7	60.1	90.1
63	150.0	116.8	175.2



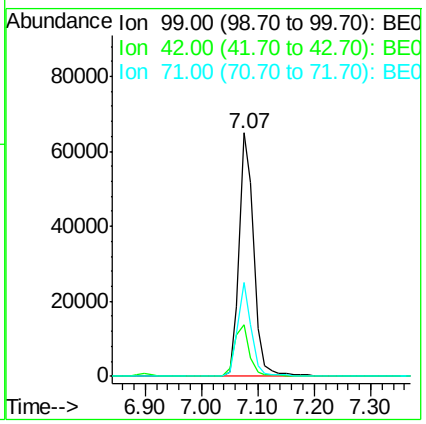


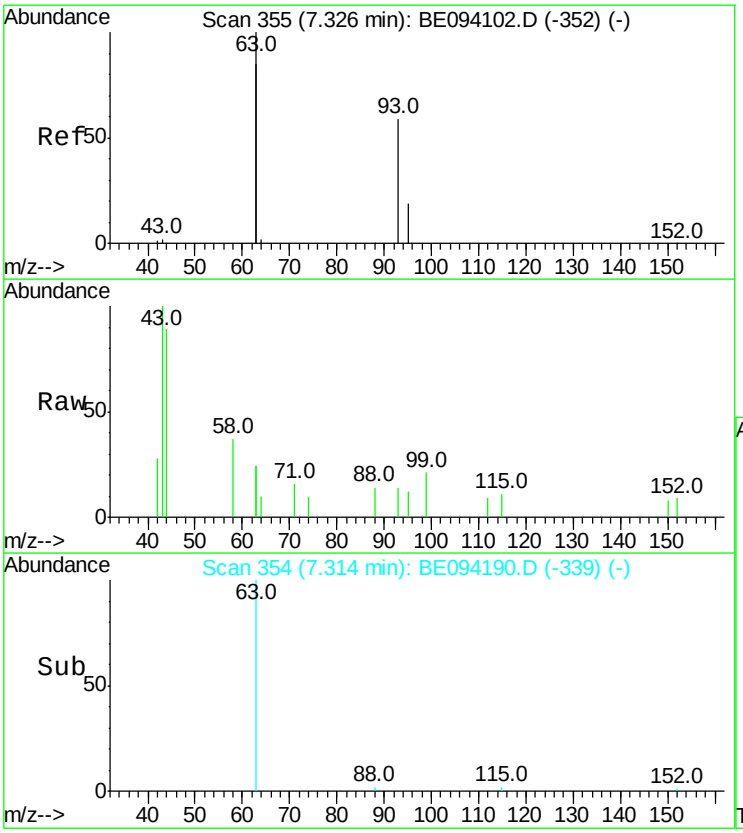
#5
Phenol-d6
Concen: 14.992 ng
RT: 7.07 min Scan# 335
Delta R.T. -0.01 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion: 99 Resp: 118127

Ion	Ratio	Lower	Upper
99	100		
42	21.2	20.2	30.2
71	35.8	28.4	42.6

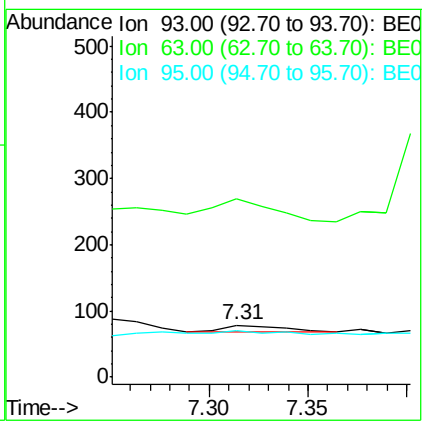


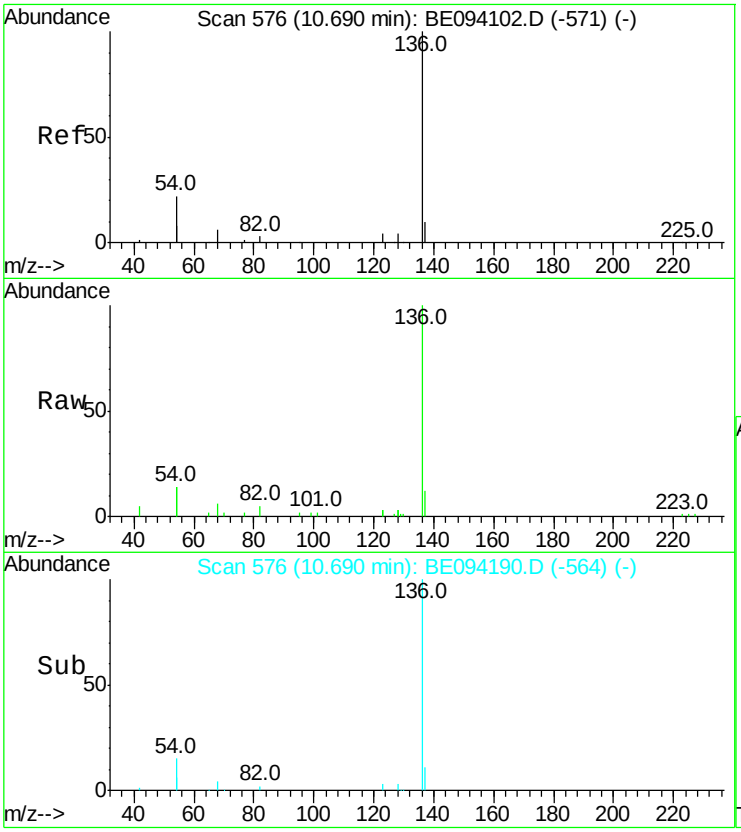


#6
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.31 min Scan# 354
Delta R.T. -0.01 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion: 93 Resp: 23

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



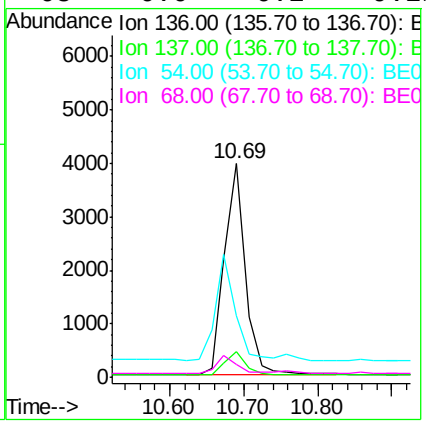


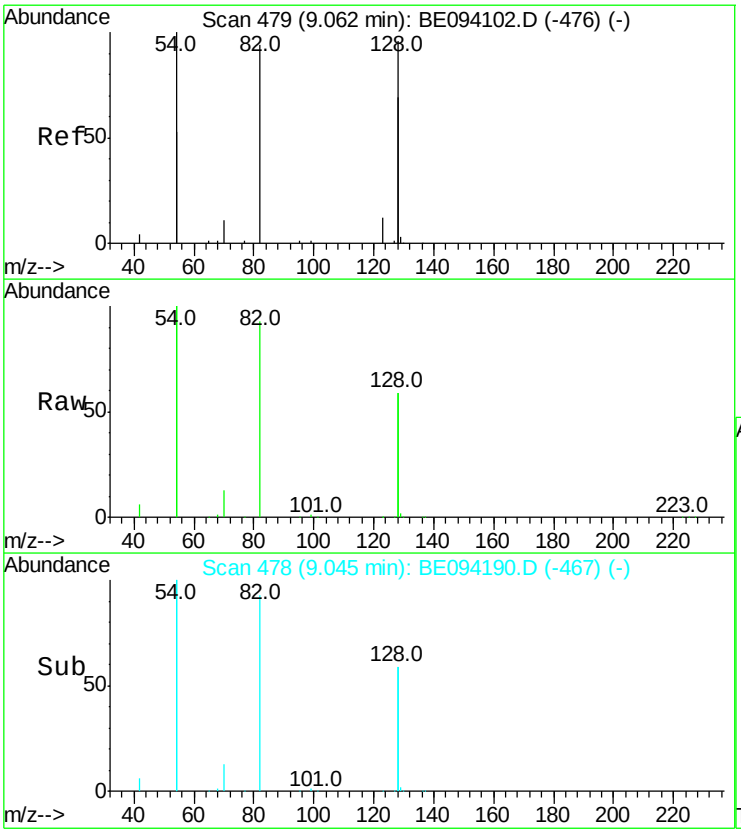
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:136 Resp: 7703

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	29.0	29.1	43.7#
68	6.0	6.2	9.2#

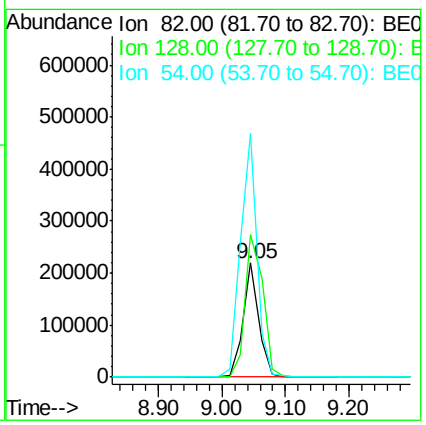


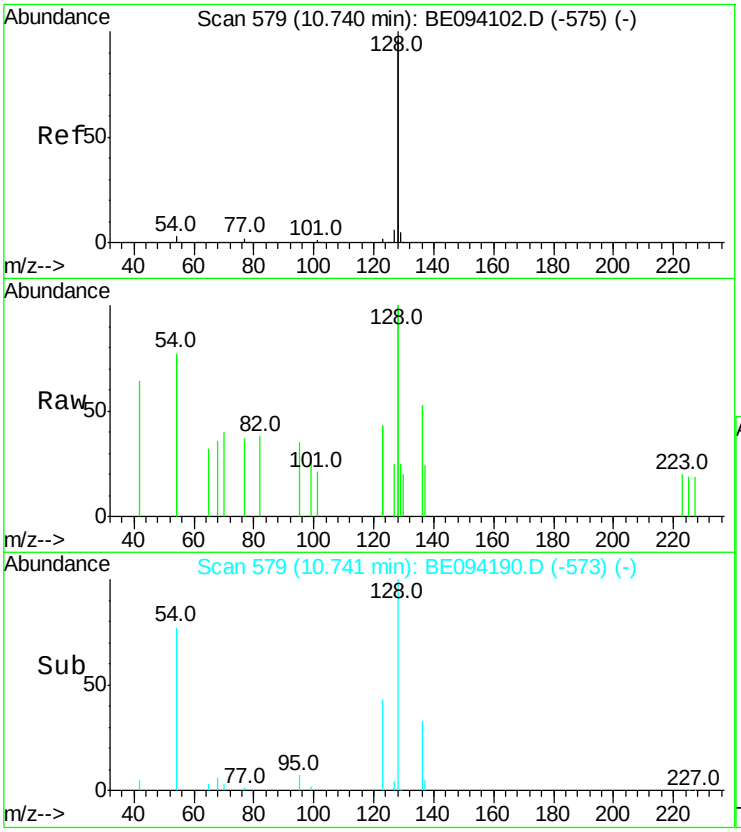


#8
Nitrobenzene-d5
Concen: 57.765 ng
RT: 9.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion: 82 Resp: 370472

Ion	Ratio	Lower	Upper
82	100		
128	125.7	150.0	225.0#
54	214.0	154.2	231.4



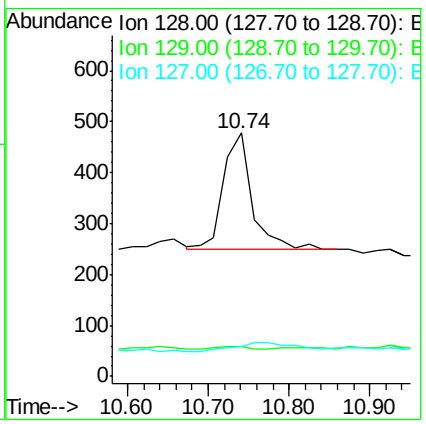


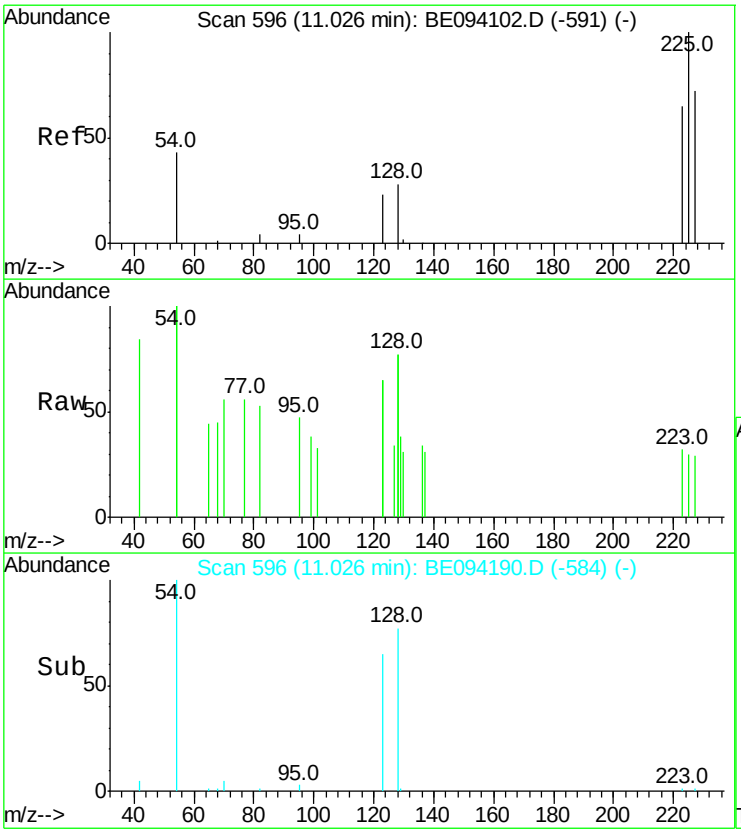
#9
Naphthalene
Concen: 0.006 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:128 Resp: 558

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

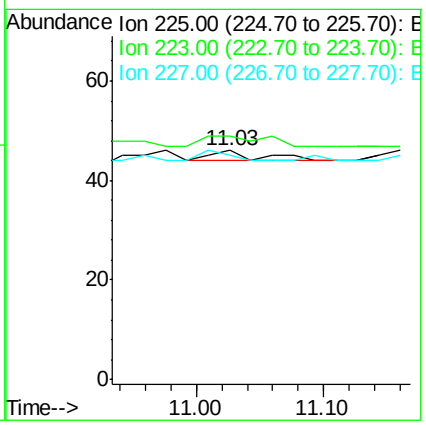


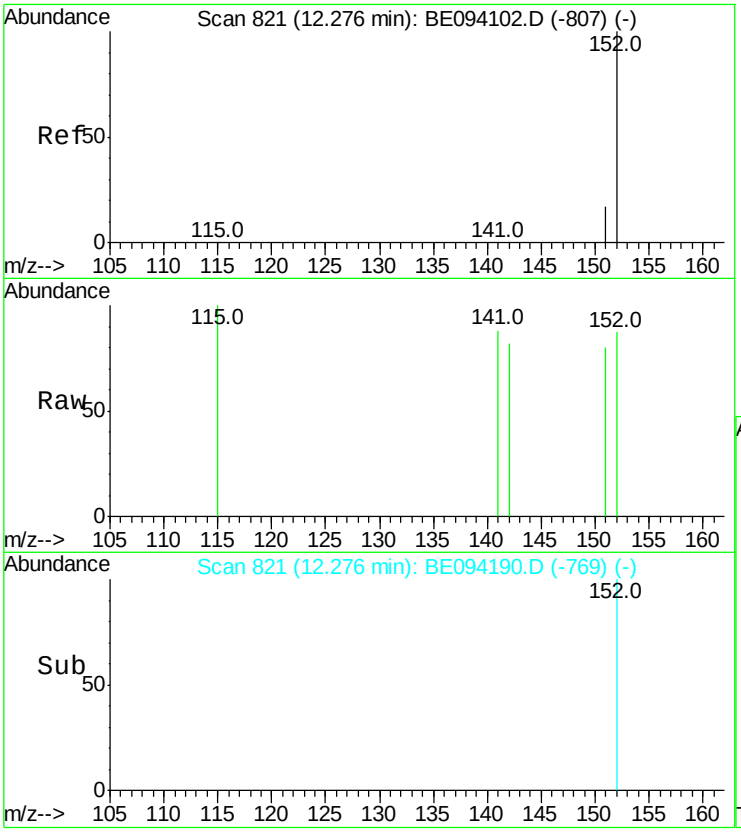


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 11.03 min Scan# 596
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	140.0	53.0	79.6#
227	60.0	51.4	77.2



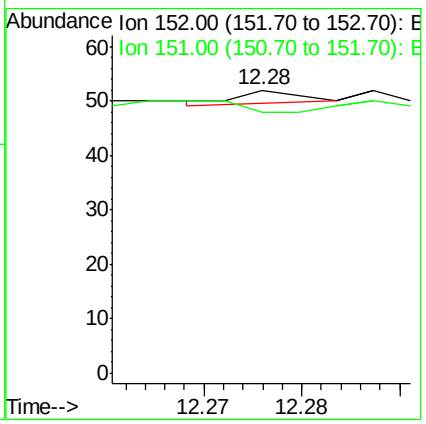


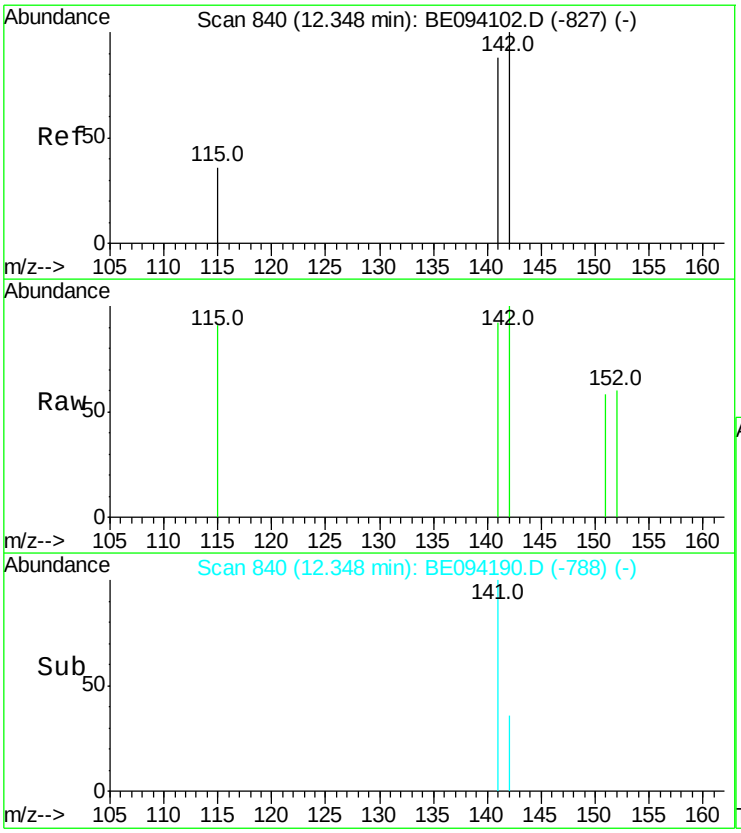
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.28 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:152 Resp: 1

Ion	Ratio	Lower	Upper
152	100		
151	100.0	15.4	23.0#

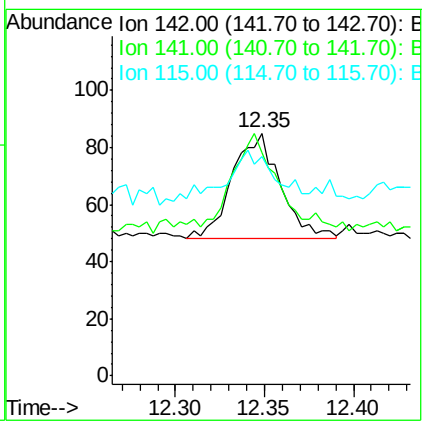


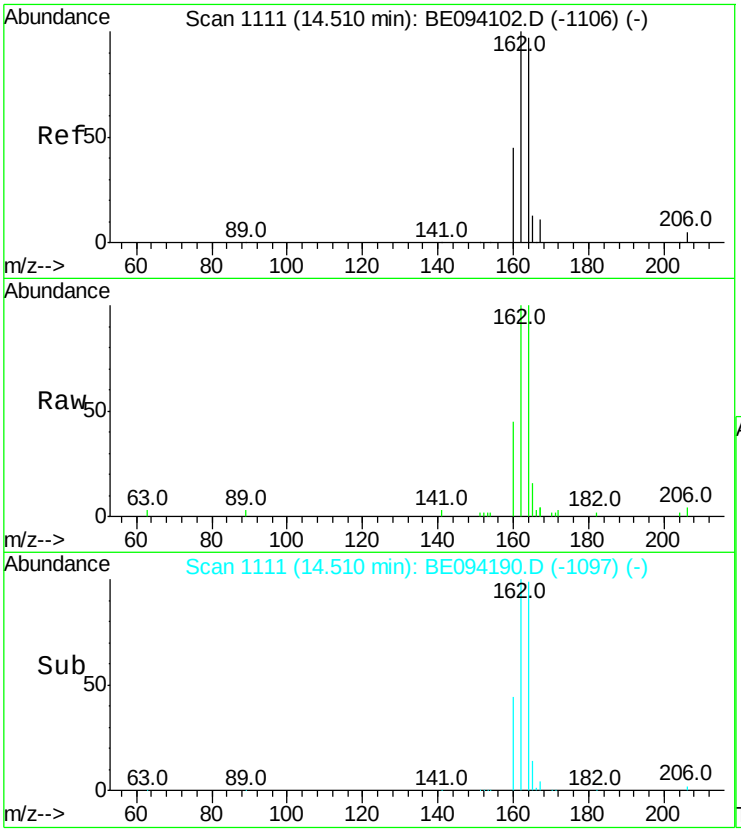


#12
2-Methylnaphthalene
Concen: 0.005 ng
RT: 12.35 min Scan# 840
Delta R.T. -0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:142 Resp: 69

Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.4	105.6
115	90.6	31.7	47.5#



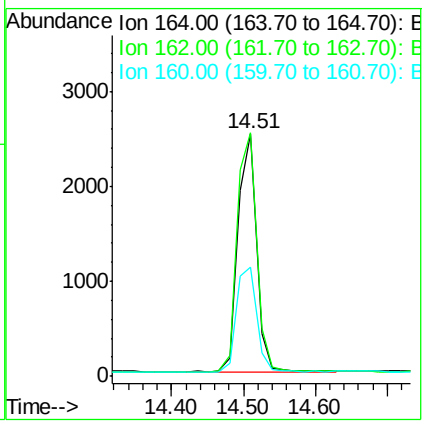


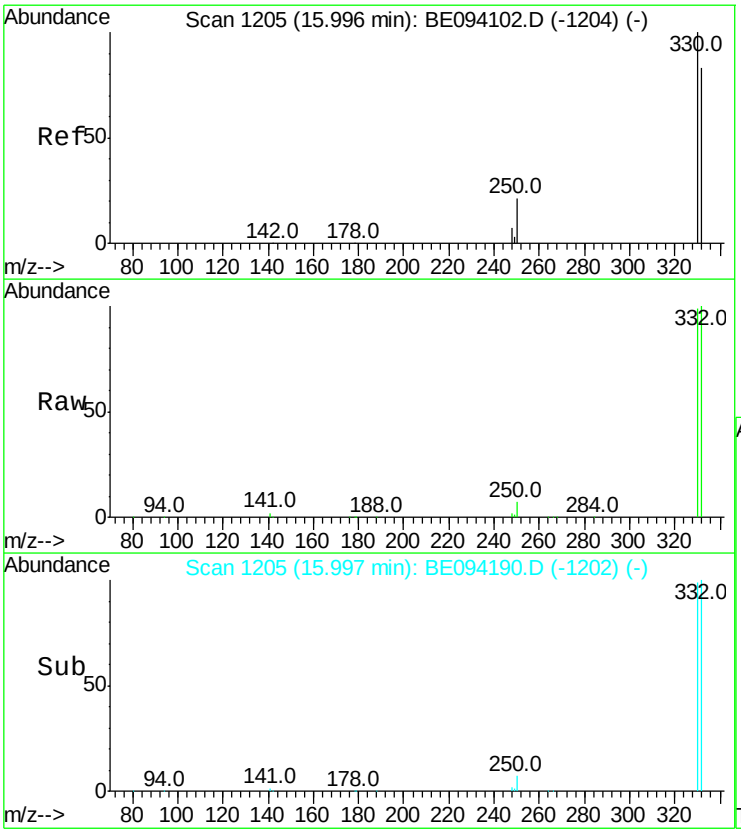
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument : BNA_E
ClientSampleId : PAMT-COMP-C-D

Tgt Ion:164 Resp: 4493

Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.1	124.7
160	45.2	37.1	55.7

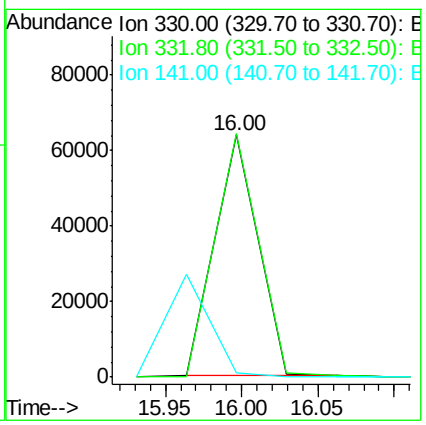


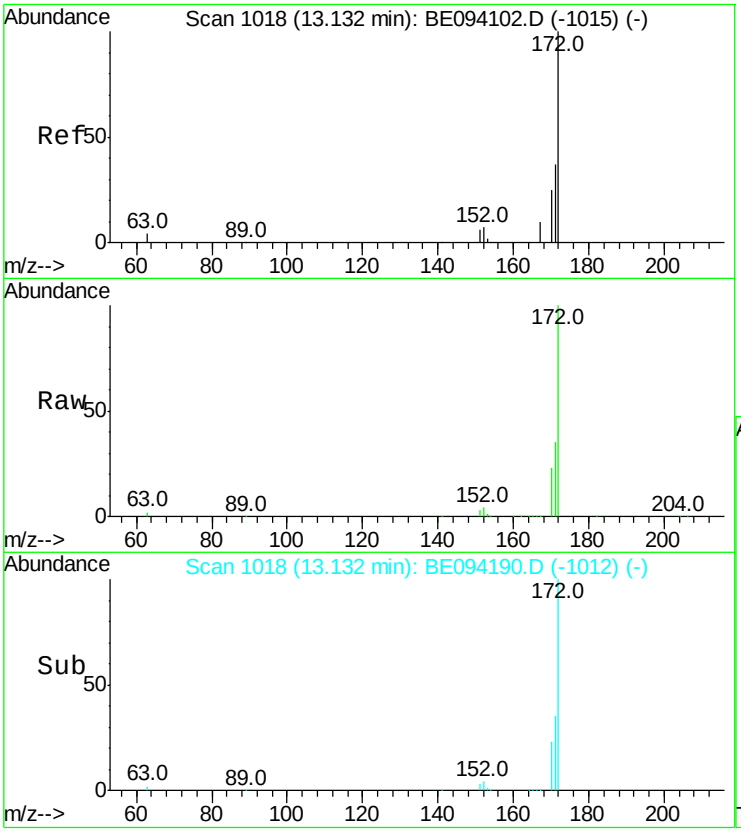


#14
2,4,6-Tribromophenol
Concen: 64.520 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:330 Resp: 126023

Ion	Ratio	Lower	Upper
330	100		
332	101.1	152.7	229.1#
141	0.0	33.7	50.5#



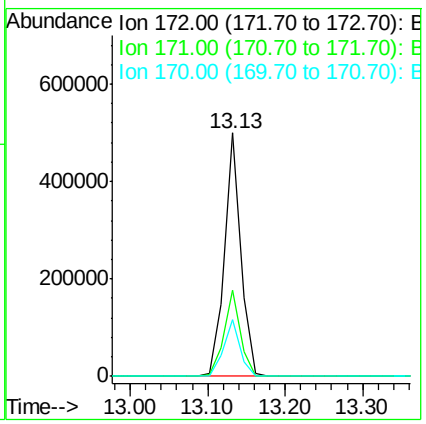


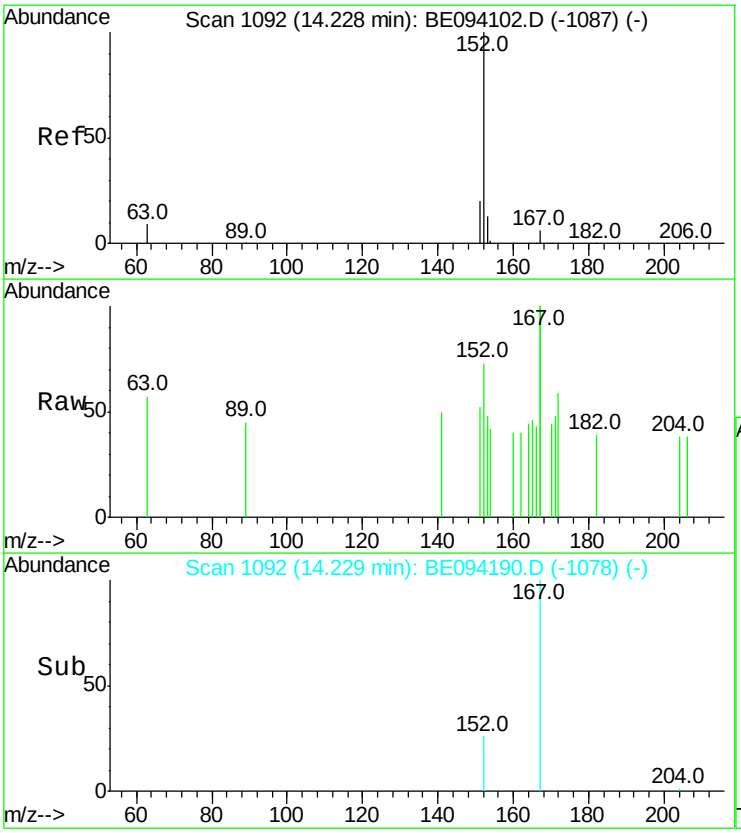
#15
2-Fluorobiphenyl
Concen: 47.676 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:172 Resp: 733811

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	23.4	21.8	32.8

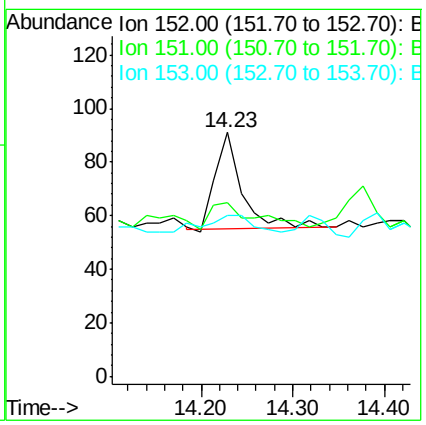


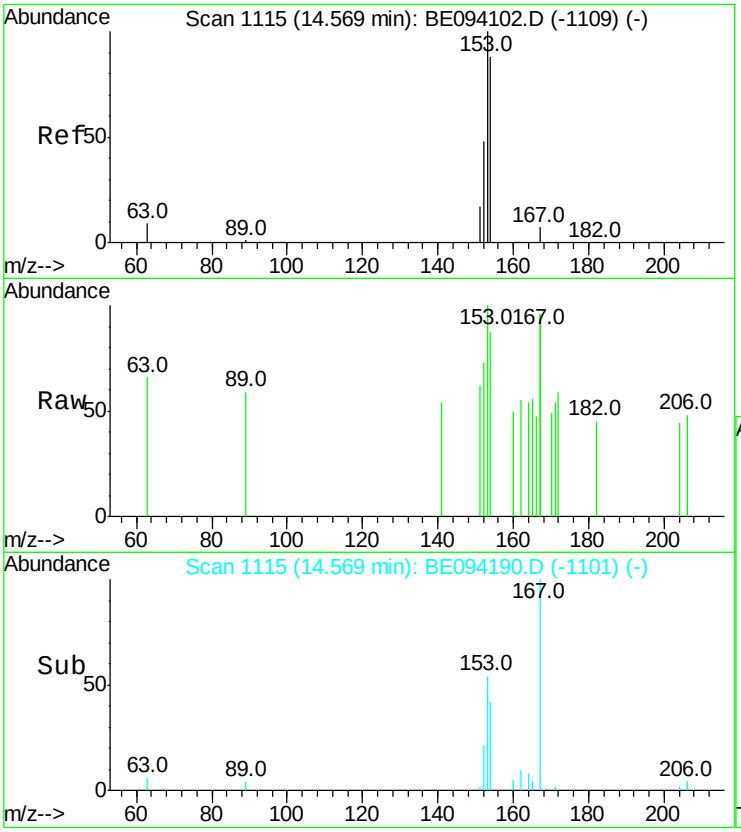


#16
Acenaphthylene
Concen: 0.003 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:152 Resp: 70

Ion	Ratio	Lower	Upper
152	100		
151	50.0	15.7	23.5#
153	40.0	10.5	15.7#



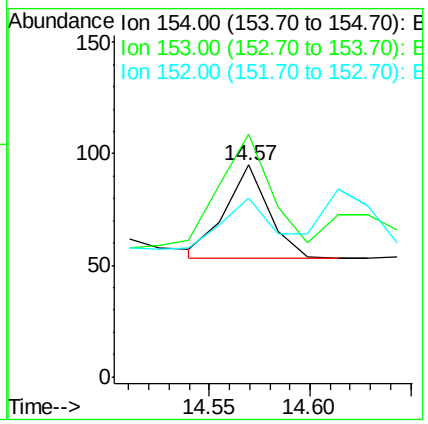


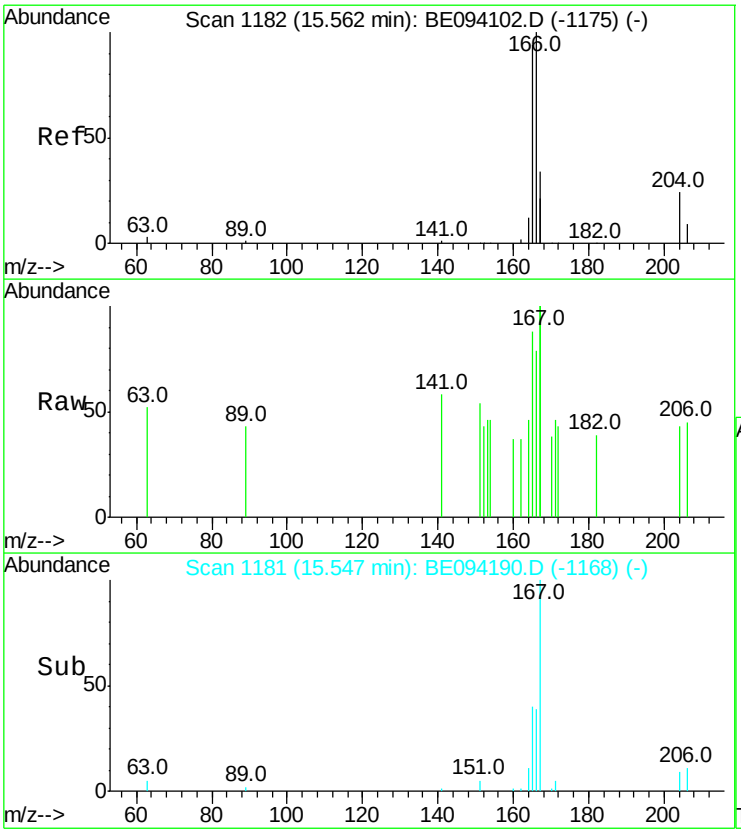
#17
Acenaphthene
Concen: 0.004 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:154 Resp: 63

Ion	Ratio	Lower	Upper
154	100		
153	149.2	89.2	133.8#
152	68.3	42.0	63.0#

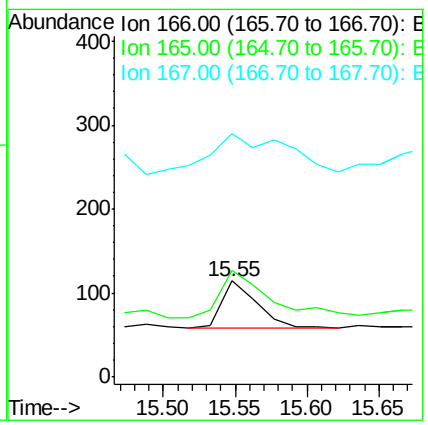


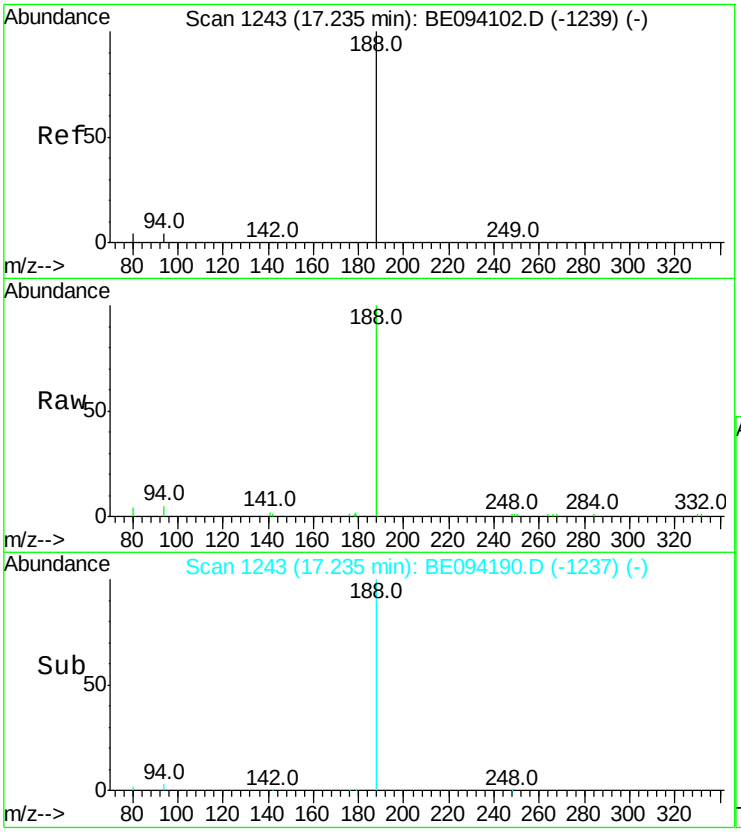


#18
Fluorene
Concen: 0.005 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:166 Resp: 98

Ion	Ratio	Lower	Upper
166	100		
165	142.9	77.8	116.6#
167	163.3	42.4	63.6#



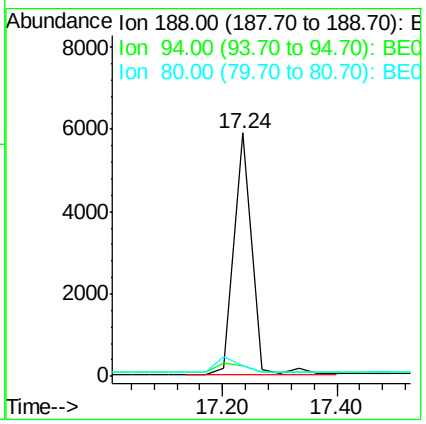


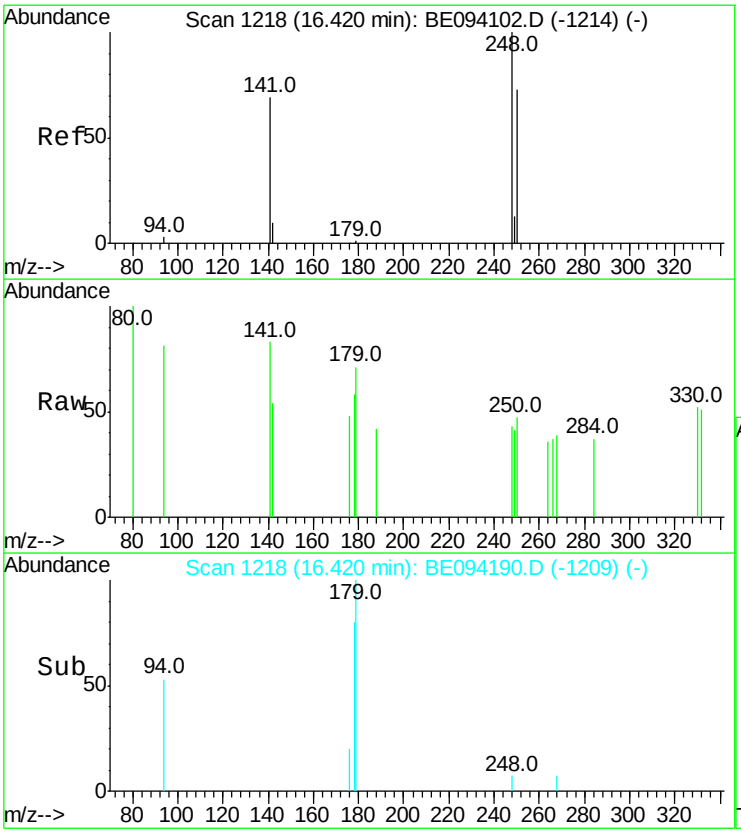
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:188 Resp: 12287

Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.9	5.9
80	4.3	3.6	5.4

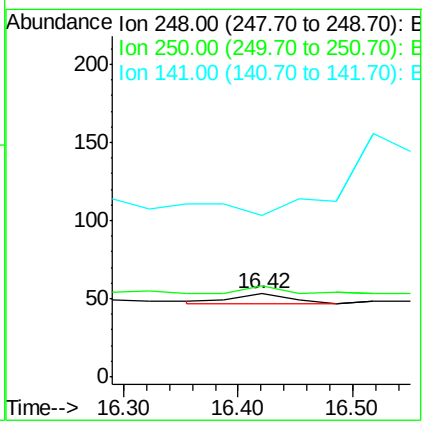


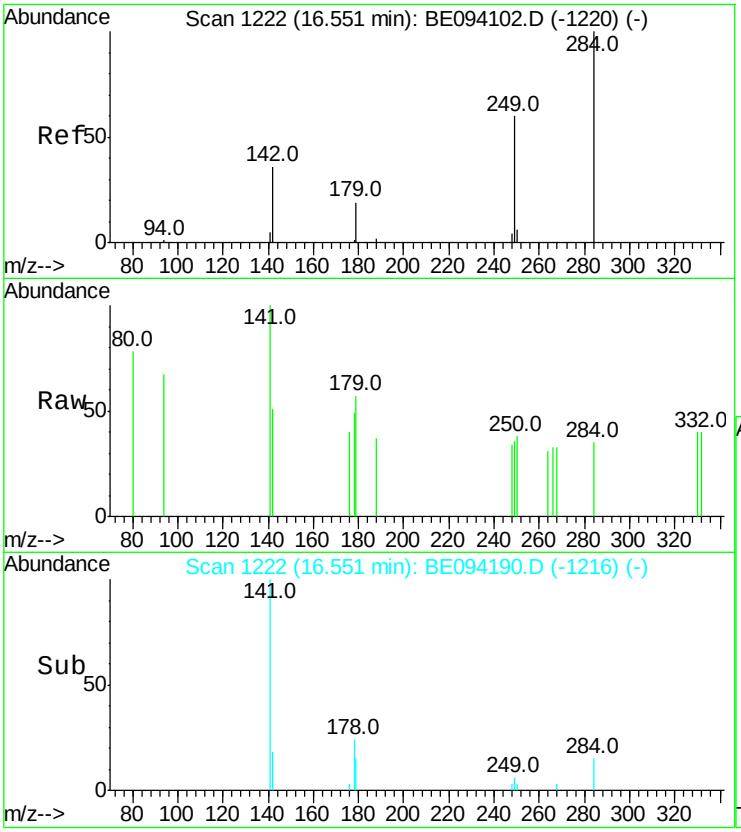


#20
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:248 Resp: 20

Ion	Ratio	Lower	Upper
248	100		
250	109.4	62.7	94.1#
141	194.3	48.2	72.2#



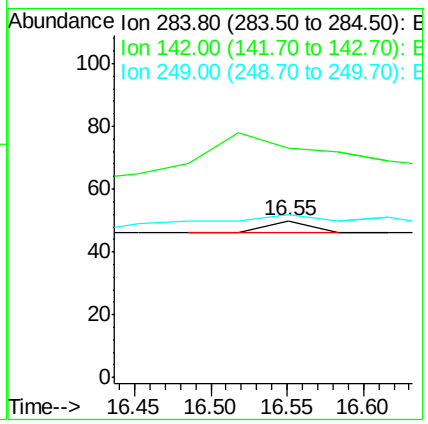


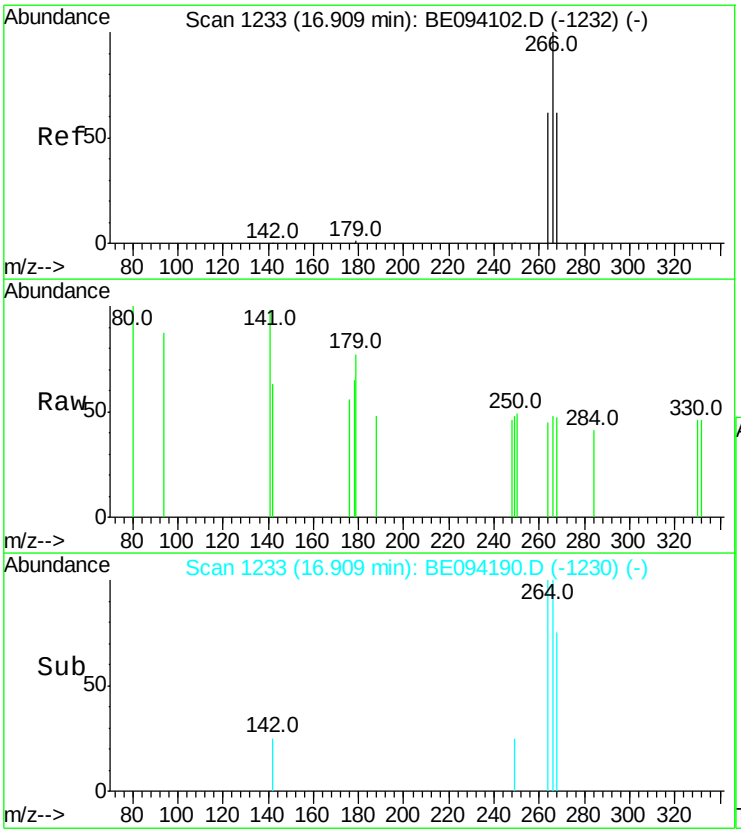
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	150.0	34.8	52.2#

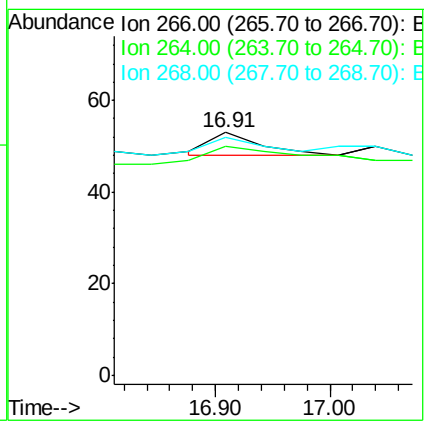


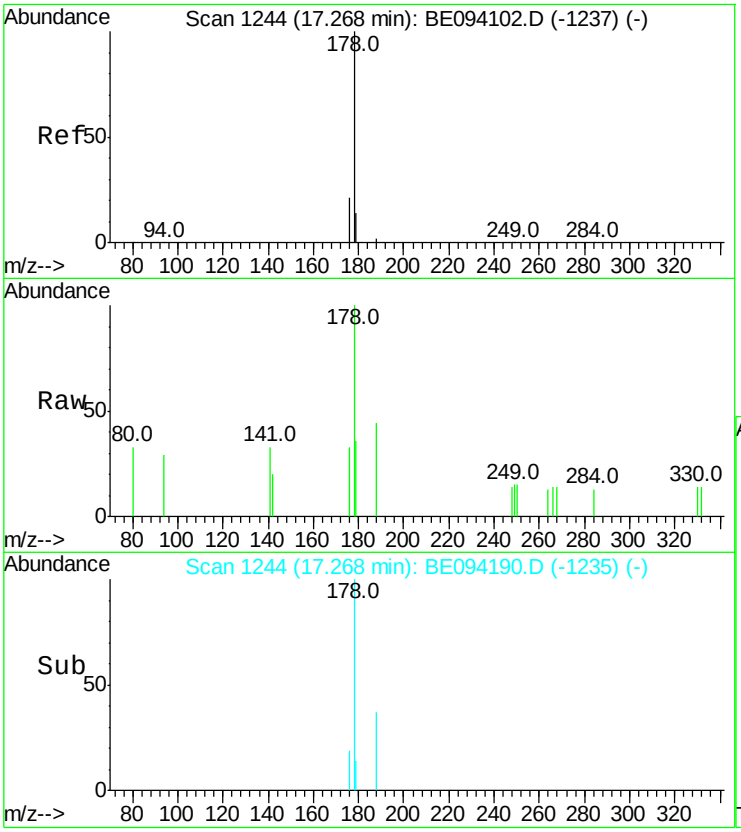


#22
Pentachlorophenol
Concen: 0.009 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:266 Resp: 16

Ion	Ratio	Lower	Upper
266	100		
264	94.3	72.5	108.7
268	98.1	73.8	110.6



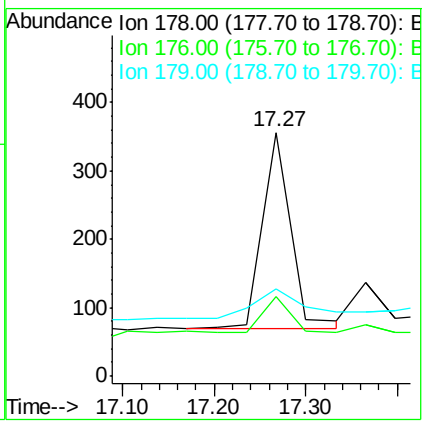


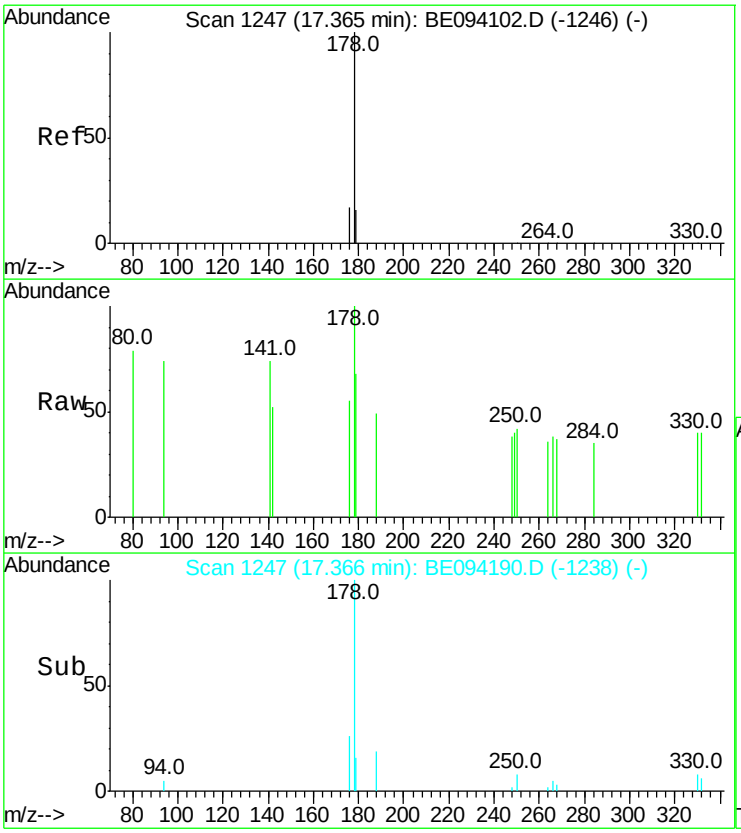
#23
Phenanthrene
Concen: 0.015 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:178 Resp: 620

Ion	Ratio	Lower	Upper
178	100		
176	29.7	15.1	22.7#
179	32.1	11.8	17.6#

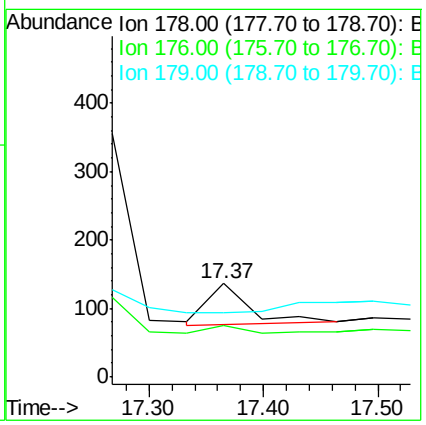


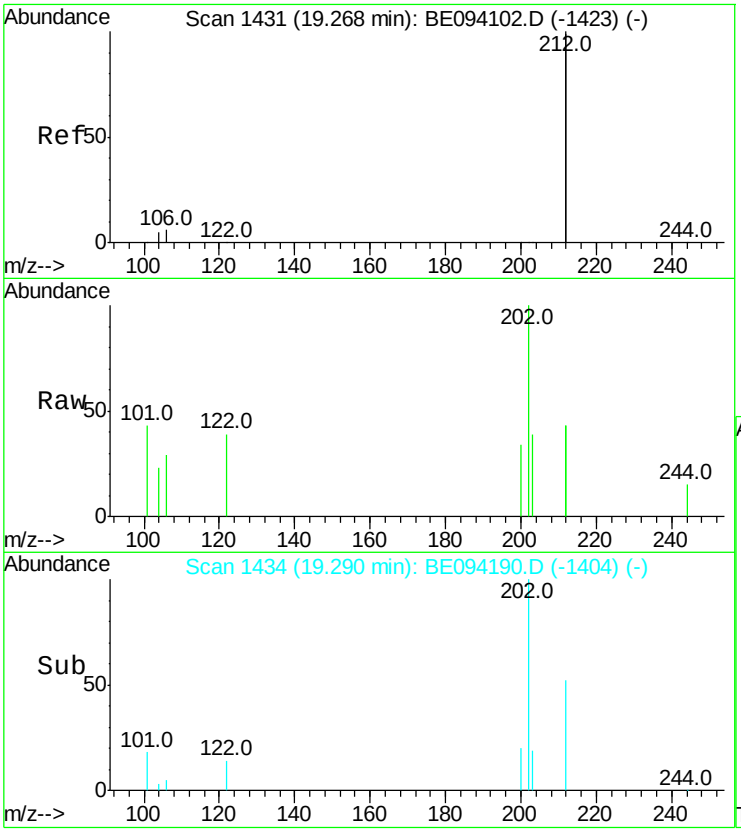


#24
Anthracene
Concen: 0.005 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:178 Resp: 149

Ion	Ratio	Lower	Upper
178	100		
176	15.4	12.8	19.2
179	0.0	13.0	19.6#



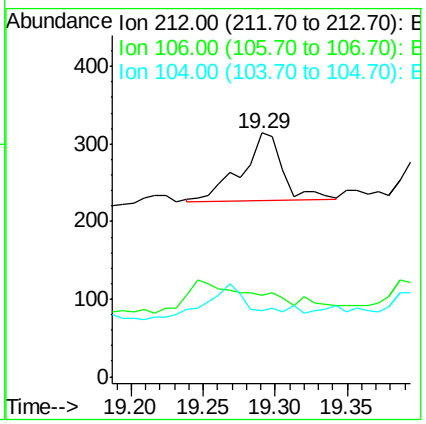


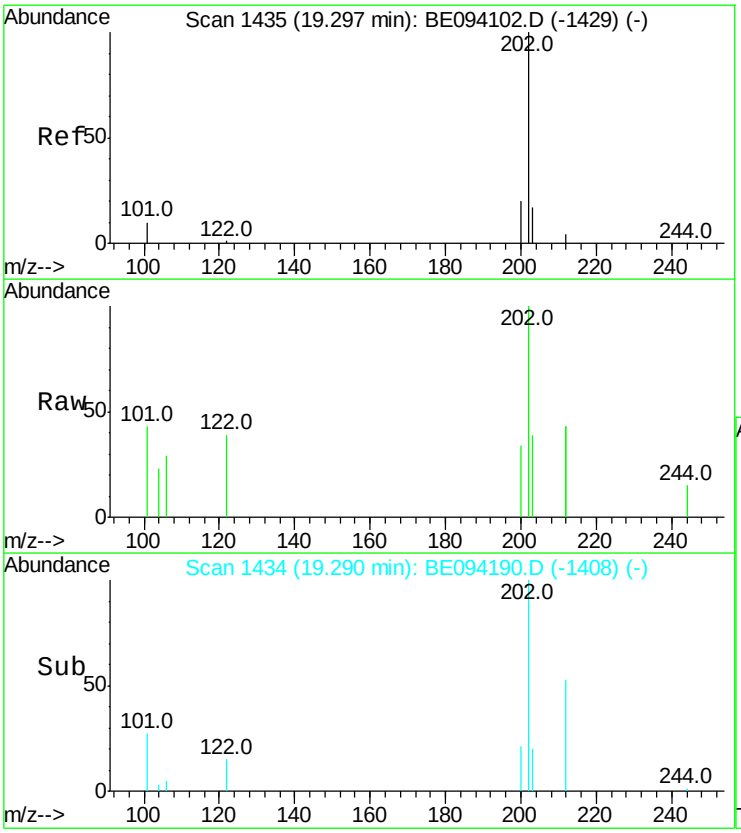
#25
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.02 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:212 Resp: 176

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

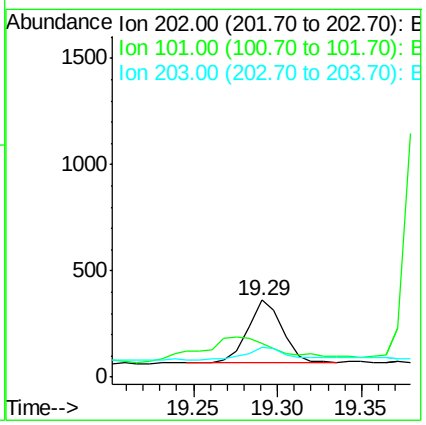


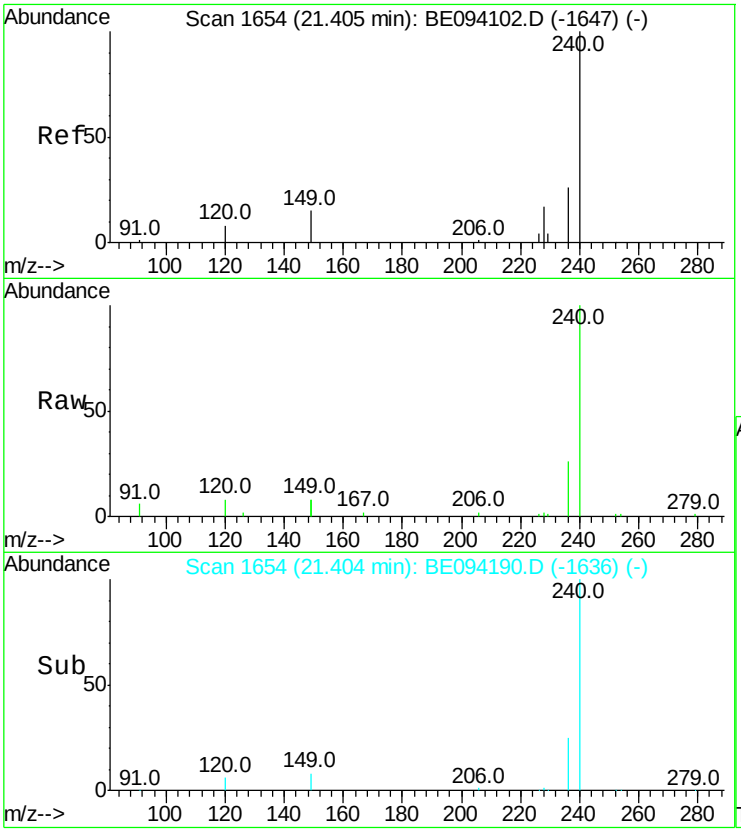


#26
Fluoranthene
Concen: 0.011 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:202 Resp: 421

Ion	Ratio	Lower	Upper
202	100		
101	97.9	9.8	14.8#
203	30.2	13.7	20.5#



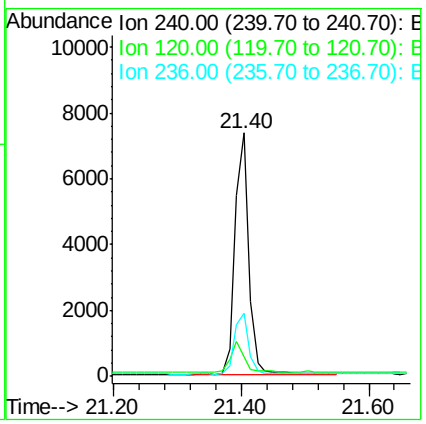


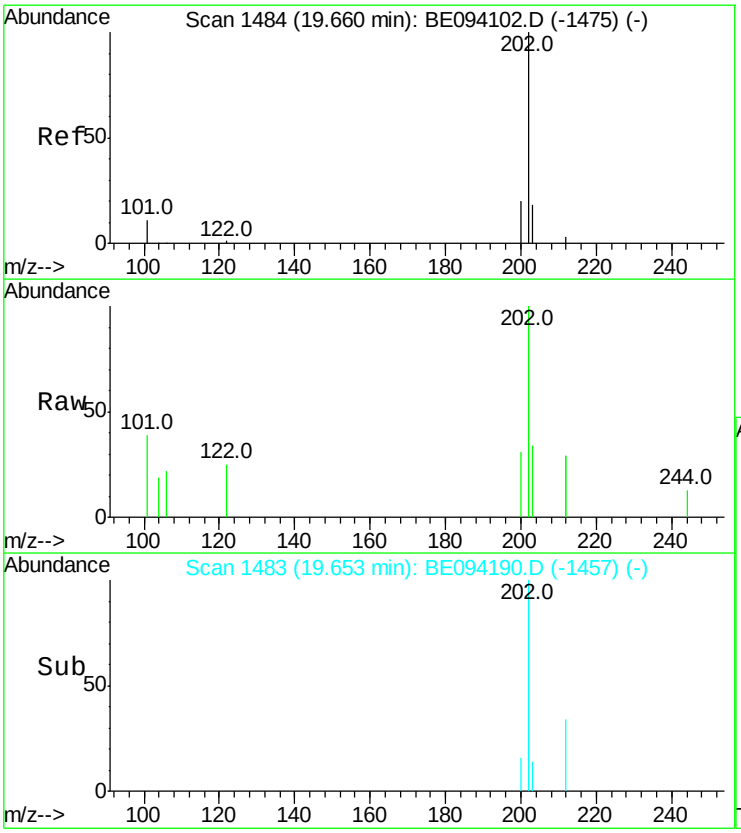
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:240 Resp: 11100

Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.5	8.3
236	25.9	20.7	31.1

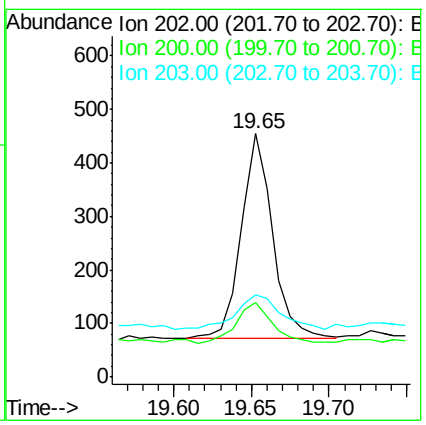


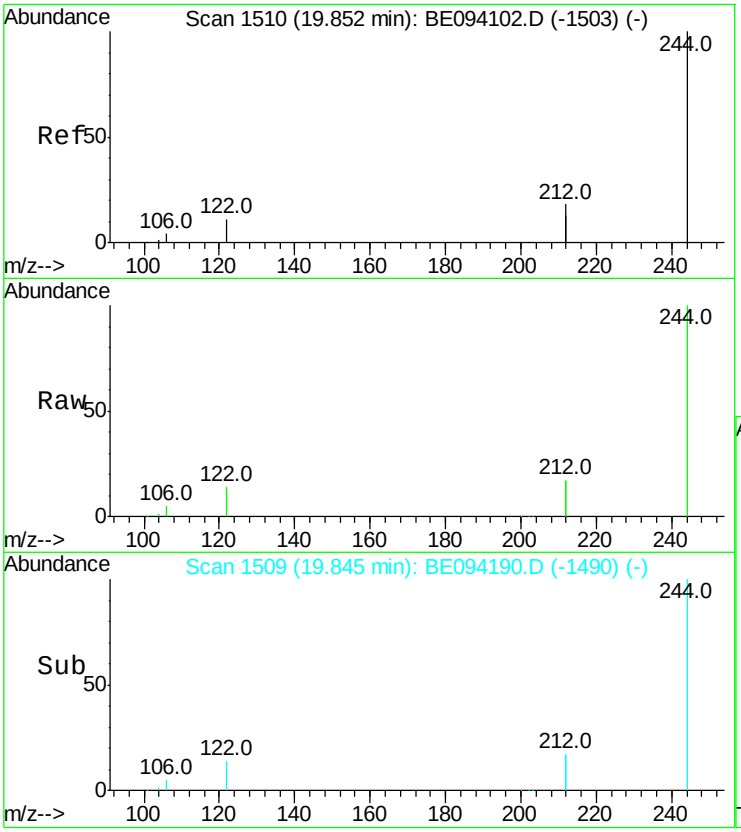


#28
Pyrene
Concen: 0.014 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:202 Resp: 534

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.6	25.0
203	25.1	13.8	20.8#



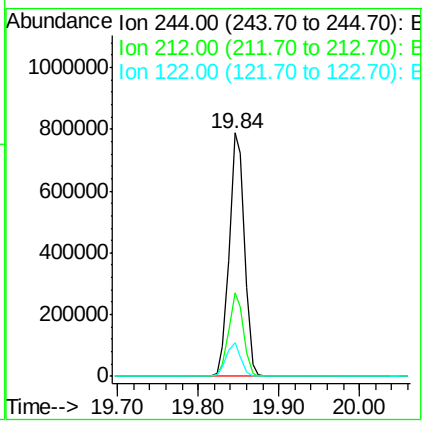


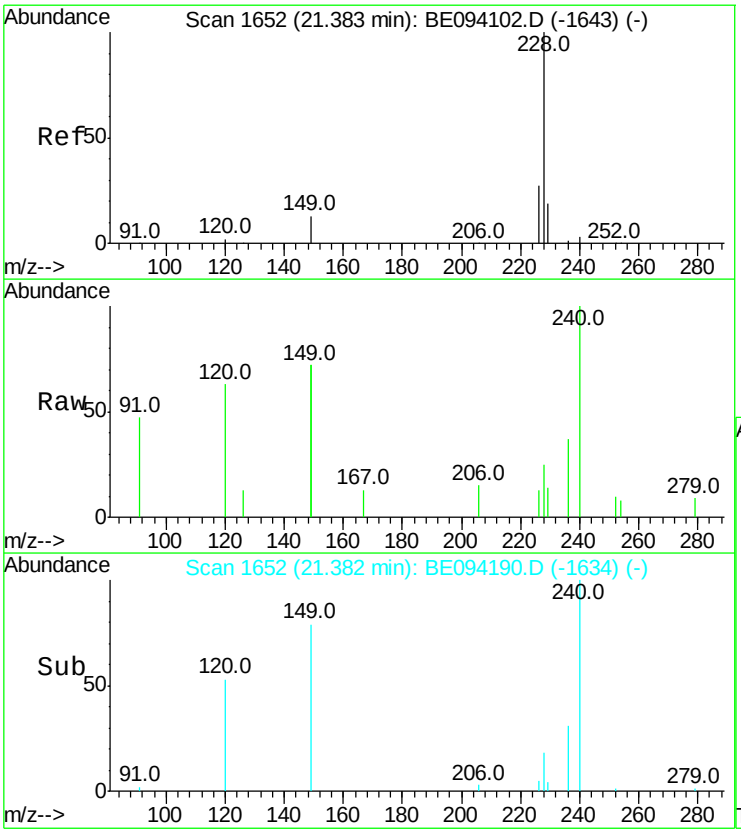
#29
Terphenyl-d14
Concen: 49.458 ng
RT: 19.84 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:244 Resp: 1036702

Ion	Ratio	Lower	Upper
244	100		
212	34.3	25.4	38.0
122	13.9	8.1	12.1#

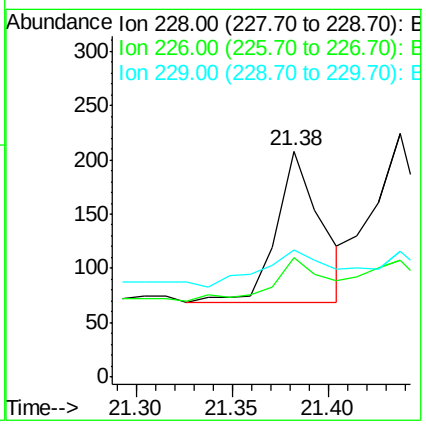


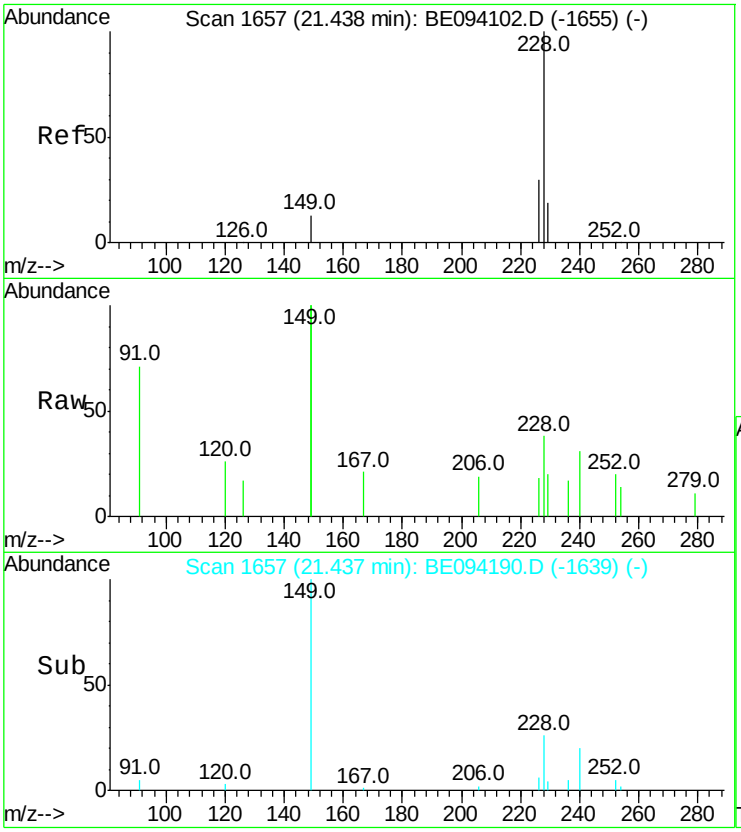


#30
Benzo(a)anthracene
Concen: 0.006 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:228 Resp: 230

Ion	Ratio	Lower	Upper
228	100		
226	52.9	21.4	32.0#
229	56.3	16.4	24.6#



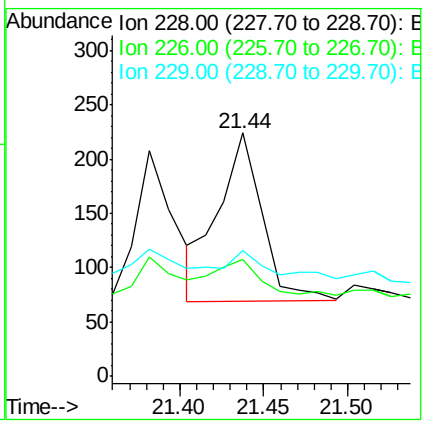


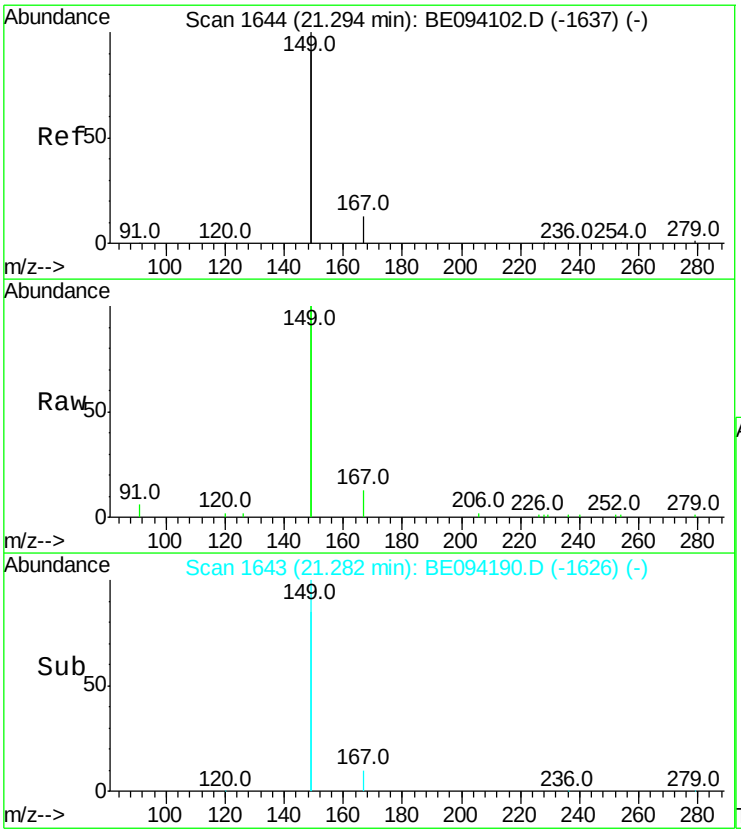
#31
Chrysene
Concen: 0.008 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:228 Resp: 280

Ion	Ratio	Lower	Upper
228	100		
226	48.2	23.6	35.4#
229	51.8	16.4	24.6#

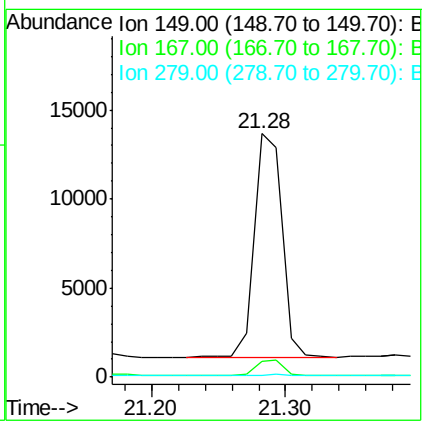


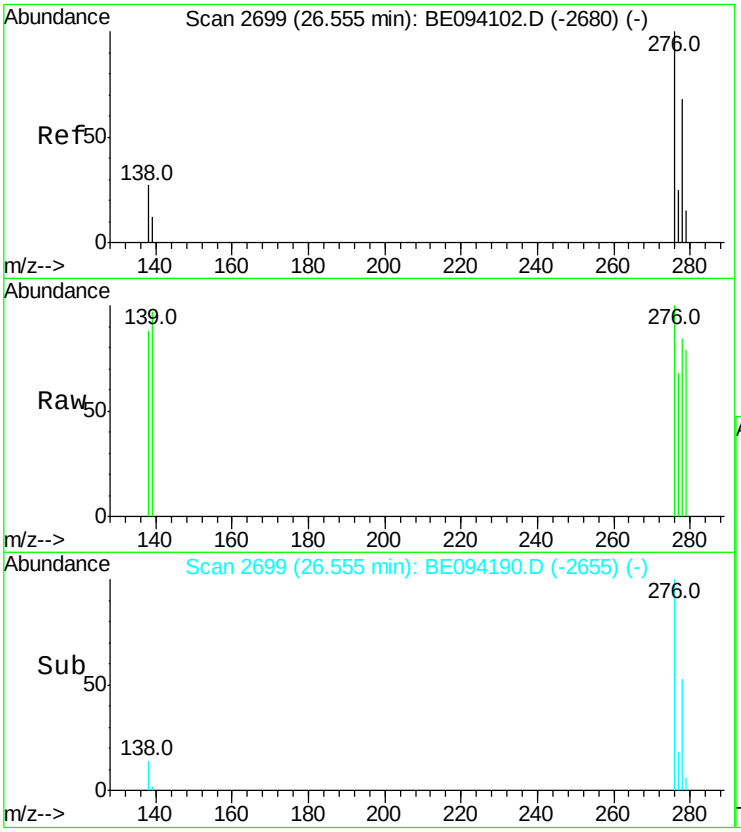


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.217 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:149 Resp: 18251

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.0	0.7	1.1



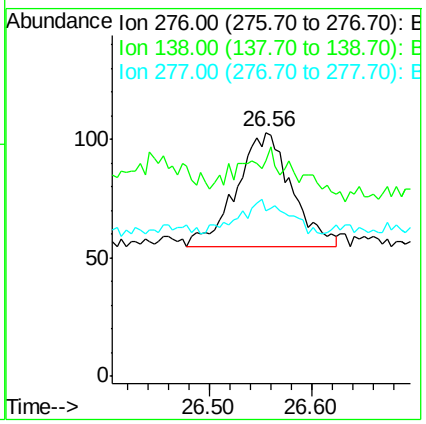


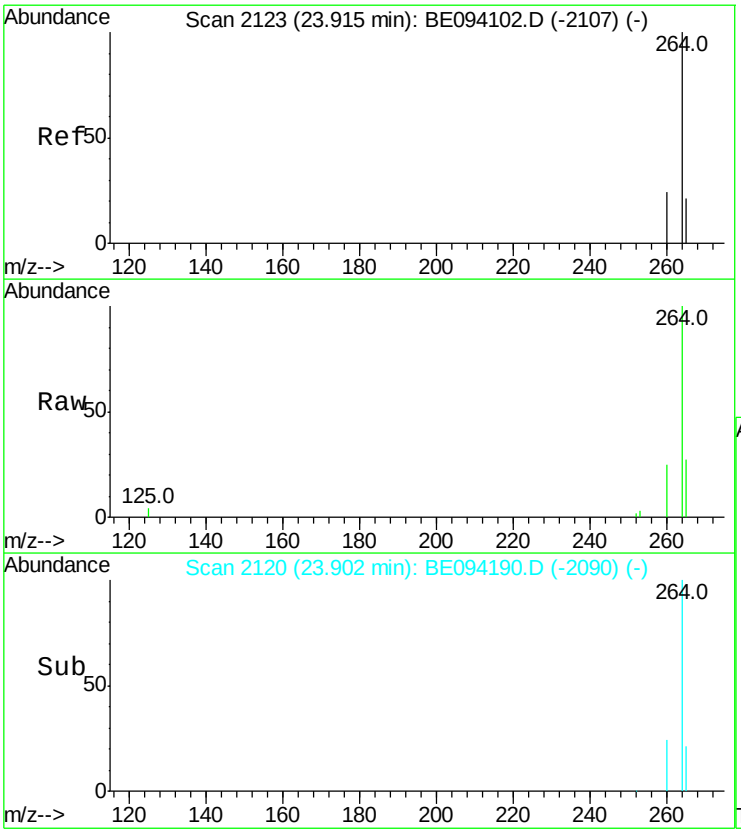
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.005 ng
RT: 26.56 min Scan# 2699
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:276 Resp: 179

Ion	Ratio	Lower	Upper
276	100		
138	3.9	22.5	33.7#
277	26.8	19.9	29.9

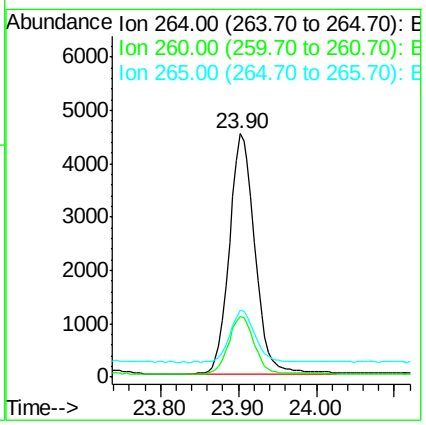


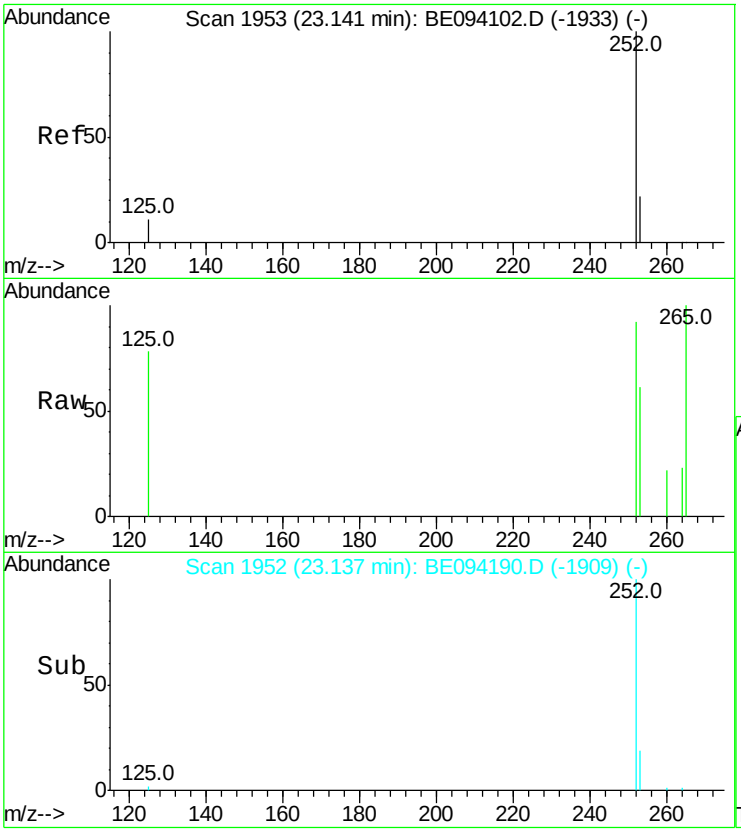


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:264 Resp: 10205

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	27.3	22.8	34.2



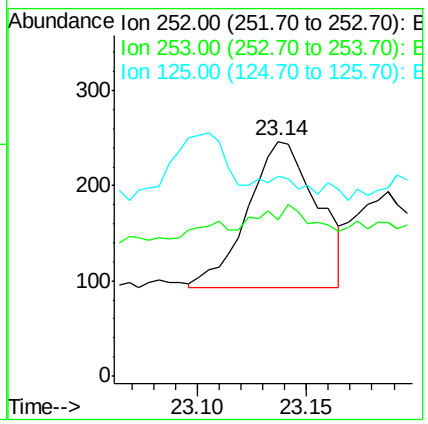


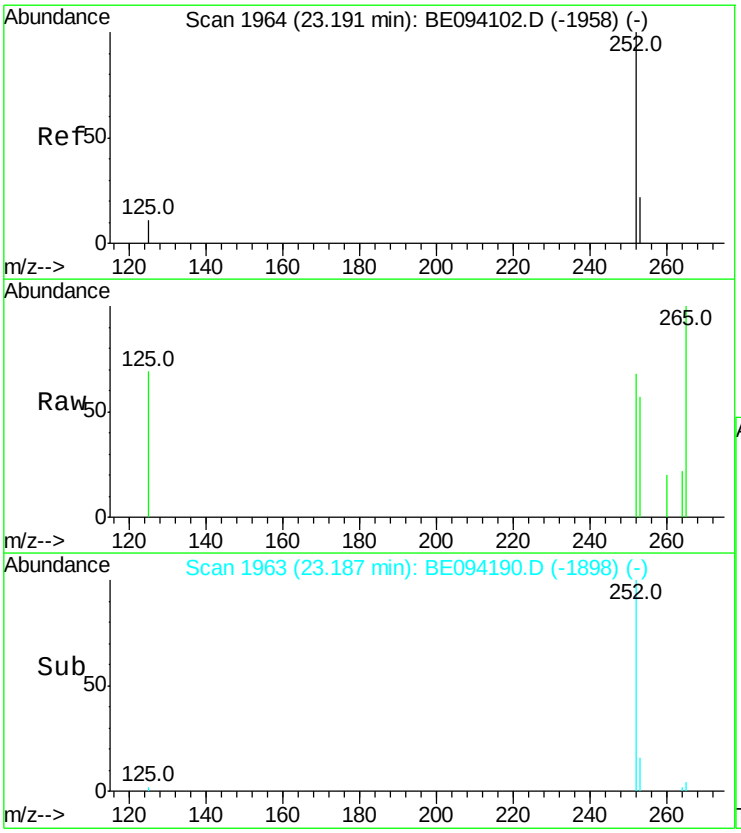
#35
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:252 Resp: 339

Ion	Ratio	Lower	Upper
252	100		
253	66.4	18.2	27.2#
125	85.0	10.1	15.1#

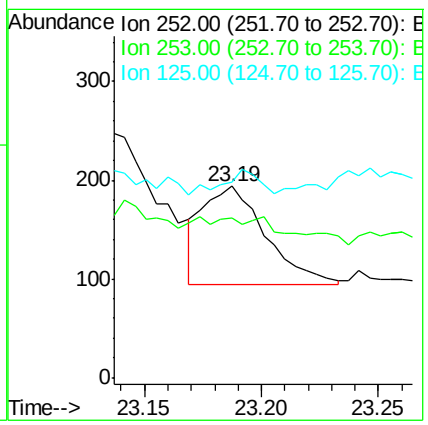


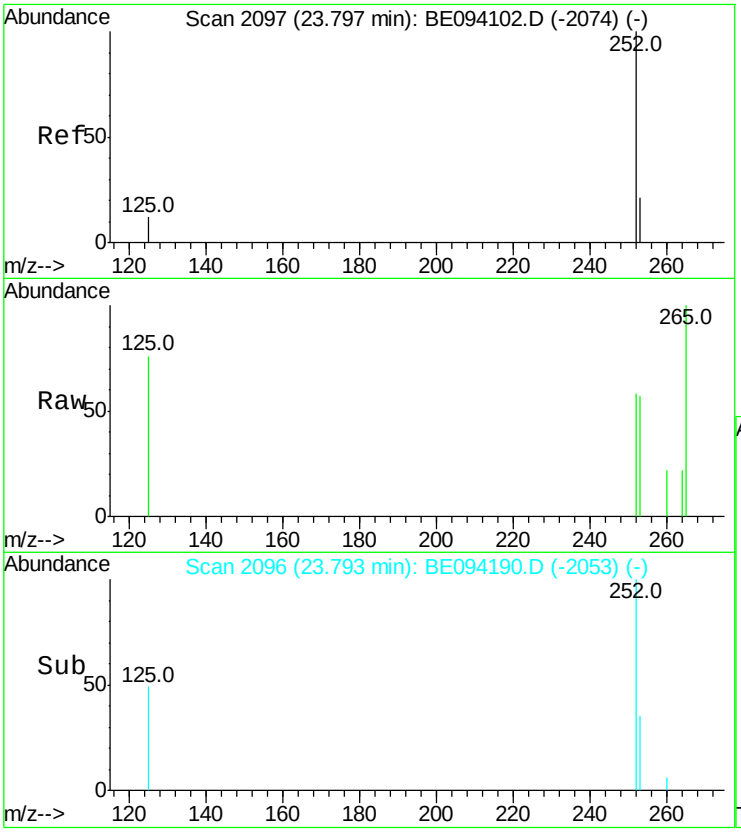


#36
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 23.19 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:252 Resp: 187

Ion	Ratio	Lower	Upper
252	100		
253	83.5	18.6	27.8#
125	102.1	10.7	16.1#



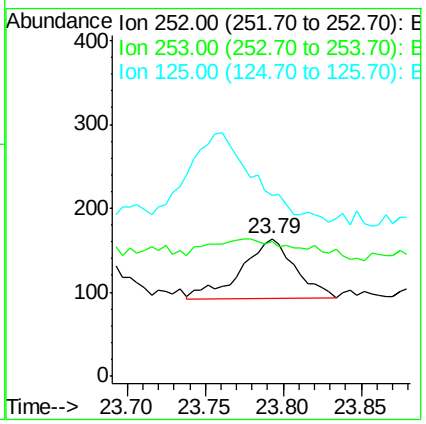


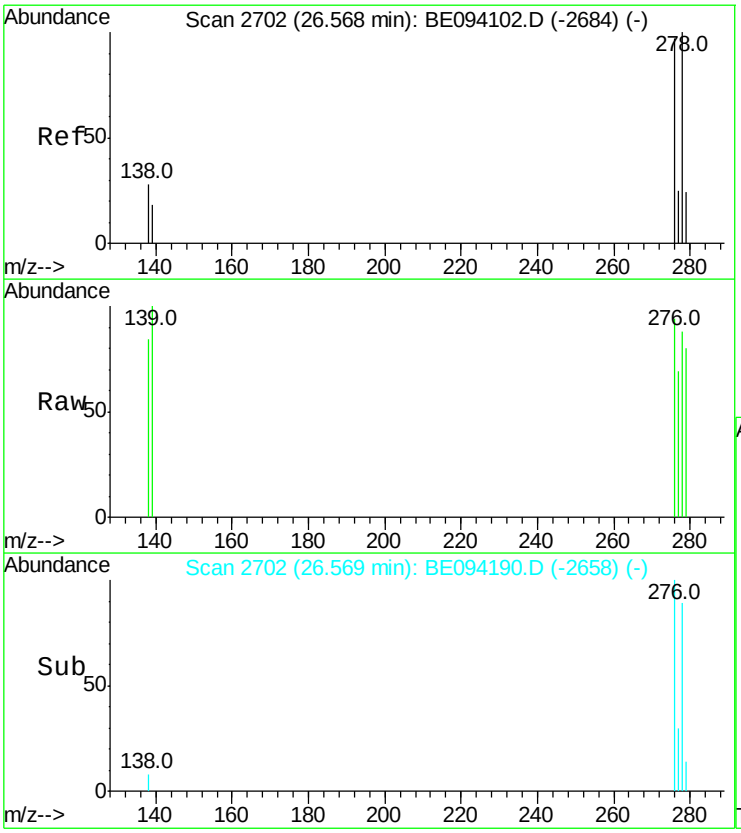
#37
Benzo(a)pyrene
Concen: 0.005 ng
RT: 23.79 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:252 Resp: 167

Ion	Ratio	Lower	Upper
252	100		
253	98.2	19.0	28.6#
125	131.1	11.8	17.8#

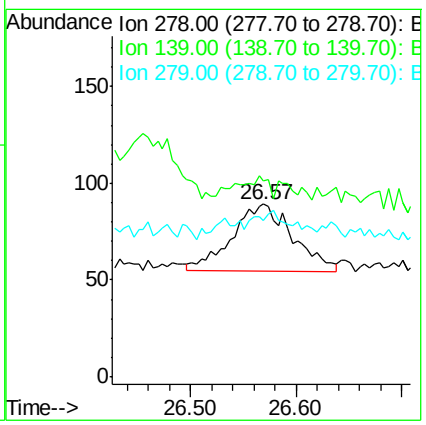


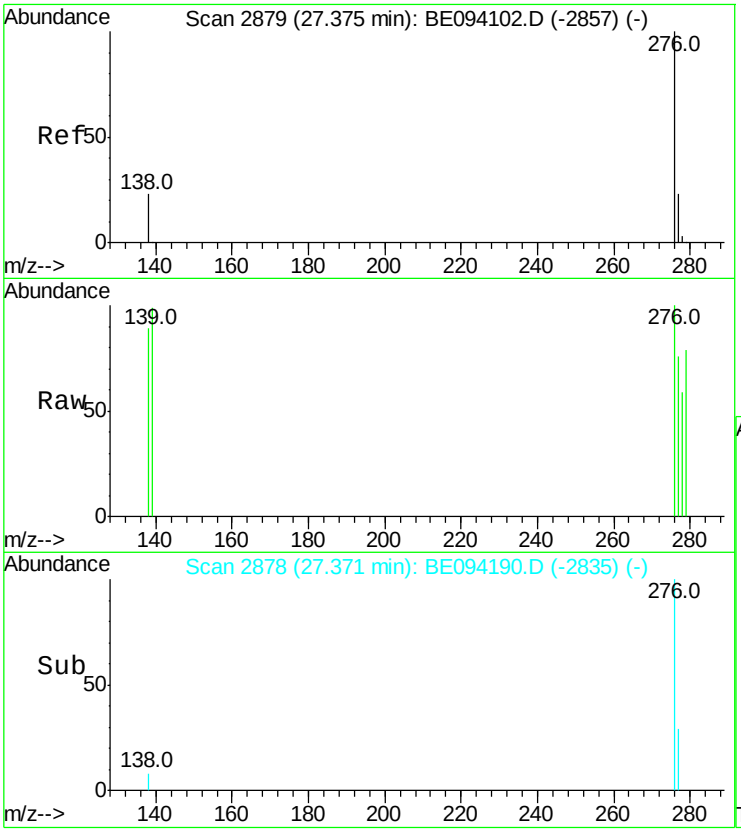


#38
Dibenzo(a,h)anthracene
Concen: 0.005 ng
RT: 26.57 min Scan# 2702
Delta R.T. 0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Tgt Ion:278 Resp: 139

Ion	Ratio	Lower	Upper
278	100		
139	113.5	16.3	24.5#
279	91.0	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.005 ng
RT: 27.37 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BE094190.D
Acq: 6 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-D

Tgt Ion:276 Resp: 147

Ion	Ratio	Lower	Upper
276	100		
277	75.8	20.8	31.2#
138	89.5	21.5	32.3#