Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092617\
Data File : BE094125.D
Acq On : 26 Sep 2017 10:22
Operator : SJ/JU
Sample : I5340-12DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 15:49:34 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1482	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	7462	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	4811	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	18136	0.40	ng		0.00
27) Chrysene-d12	21.40	240	13959	0.40	ng		0.00
34) Perylene-d12	23.91	264	13222	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	158	0.03	ng		0.00
5) Phenol-d6	7.10	99	165	0.02	ng		0.01
8) Nitrobenzene-d5	9.06	82	162	0.02	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	247	0.02	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	39	-0.03	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	354	0.02	ng		0.02
25) Fluoranthene-d10	19.27	212	3135	0.02	ng		0.00
29) Terphenyl-d14	19.85	244	611	0.02	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.64	42	70	0.019	ng	#	1
6) bis(2-Chloroethyl)ether	7.33	93	8	0.001	ng	#	65
9) Naphthalene	10.74	128	850	0.010	ng	#	78
10) Hexachlorobutadiene	11.04	225	6	0.002	ng	#	1
12) 2-Methylnaphthalene	12.35	142	111	0.008	ng	#	71
16) Acenaphthylene	14.23	152	638	0.026	ng		95
17) Acenaphthene	14.57	154	852	0.057	ng		97
18) Fluorene	15.56	166	1005	0.049	ng		93
20) 4-Bromophenyl-phenylether	16.42	248	2	0.000	ng	#	18
21) Hexachlorobenzene	16.55	284	10	0.002	ng	#	26
22) Pentachlorophenol	16.91	266	10	0.002	ng		94
23) Phenanthrene	17.27	178	26690	0.575	ng		98
24) Anthracene	17.37	178	5540	0.114	ng	#	94
26) Fluoranthene	19.30	202	40020	0.770	ng		99
28) Pyrene	19.66	202	35780	0.809	ng	#	94
30) Benzo(a)anthracene	21.38	228	18452	0.393	ng		95
31) Chrysene	21.44	228	15245	0.336	ng		94
32) Bis(2-ethylhexyl)phthalate	21.29	149	15950	Below Cal		#	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	9302	0.192	ng		96
35) Benzo(b)fluoranthene	23.14	252	19485	0.408	ng	#	88
36) Benzo(k)fluoranthene	23.14	252	19485	0.427	ng	#	89
37) Benzo(a)pyrene	23.80	252	13990	0.325	ng	#	90
38) Dibenzo(a,h)anthracene	26.56	278	2189	0.054	ng	#	38
39) Benzo(g,h,i)perylene	27.38	276	9395	0.232	ng		92

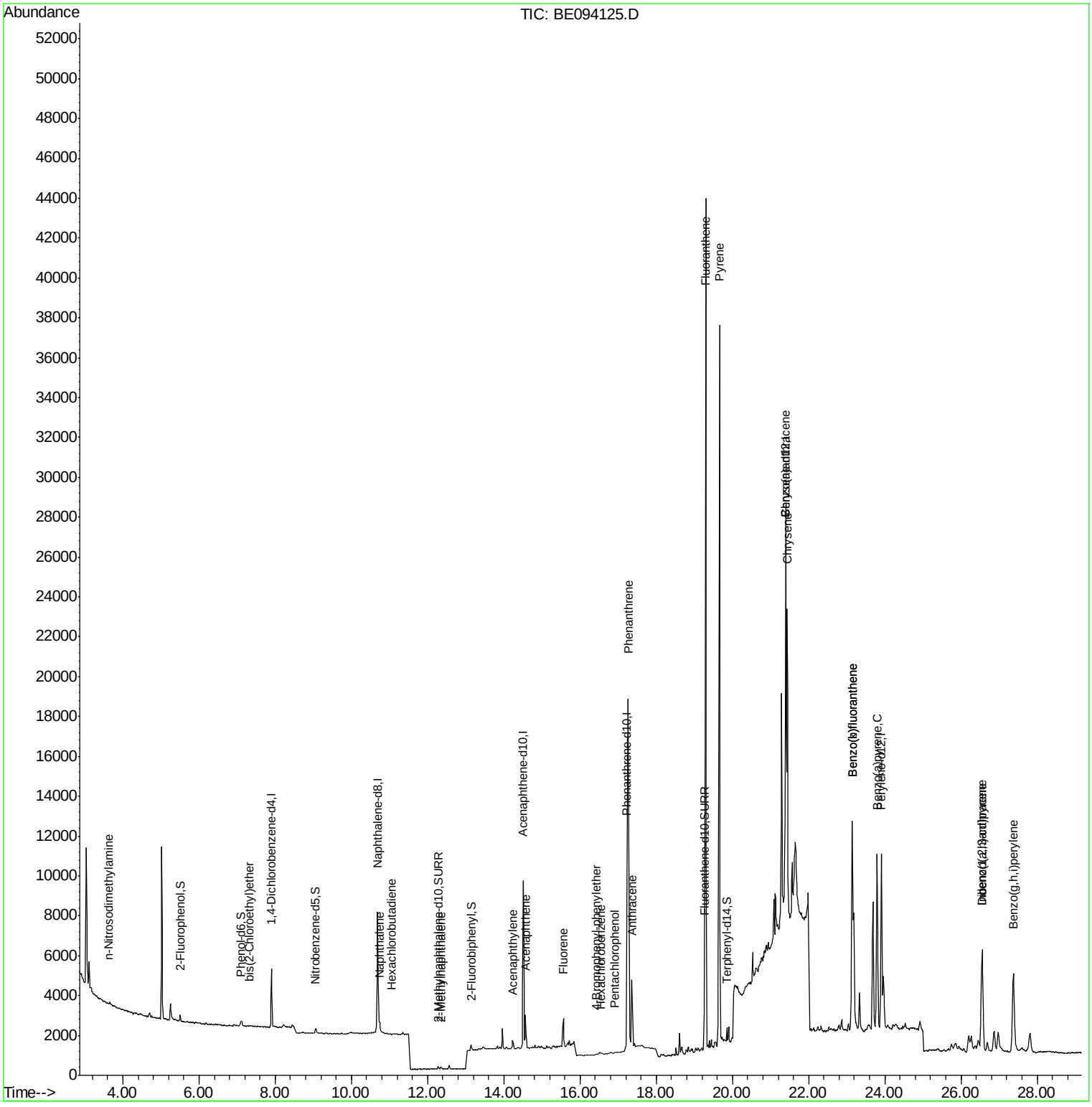
(#) = qualifier out of range (m) = manual integration (+) = signals summed

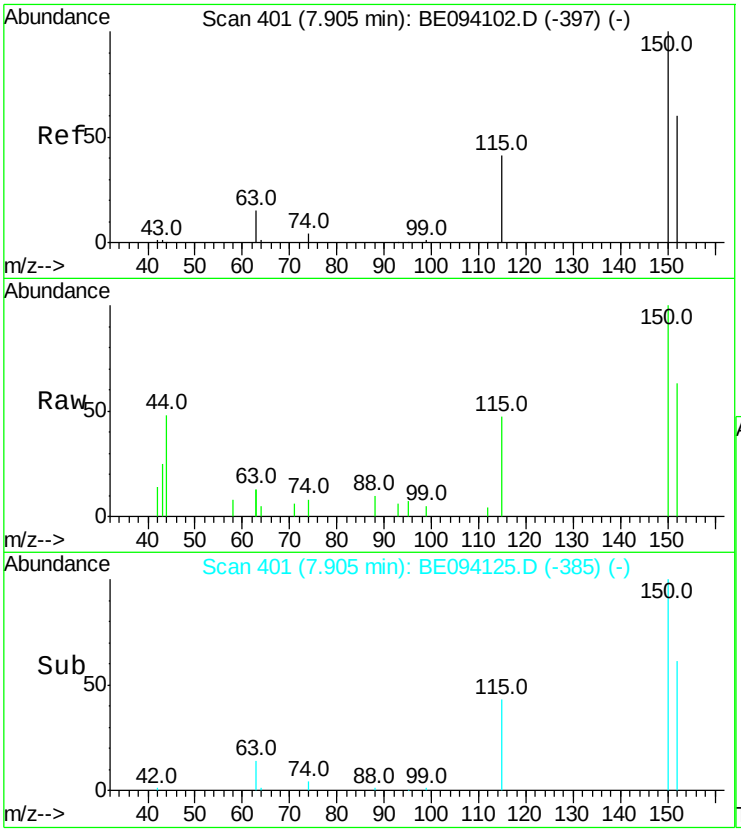
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092617\
Data File : BE094125.D
Acq On : 26 Sep 2017 10:22
Operator : SJ/JU
Sample : I5340-12DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 15:49:34 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
Response via : Initial Calibration



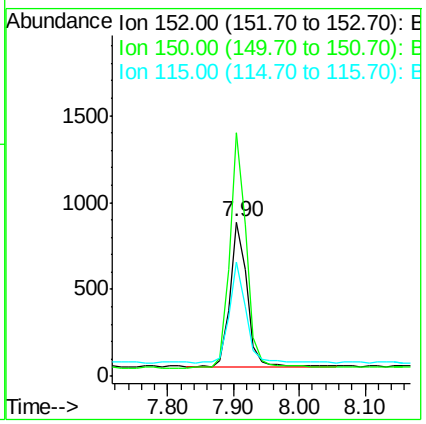


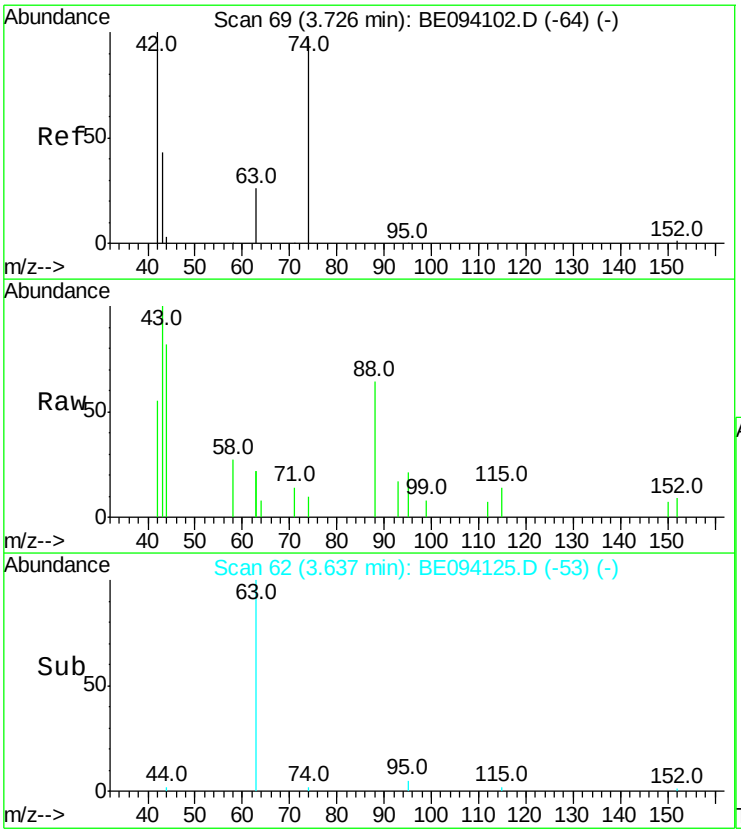
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1482

Ion	Ratio	Lower	Upper
152	100		
150	158.1	117.2	175.8
115	74.0	57.0	85.6

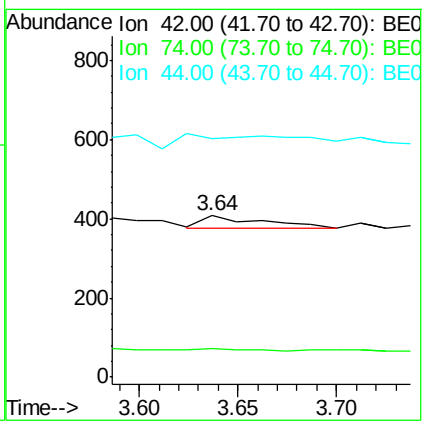


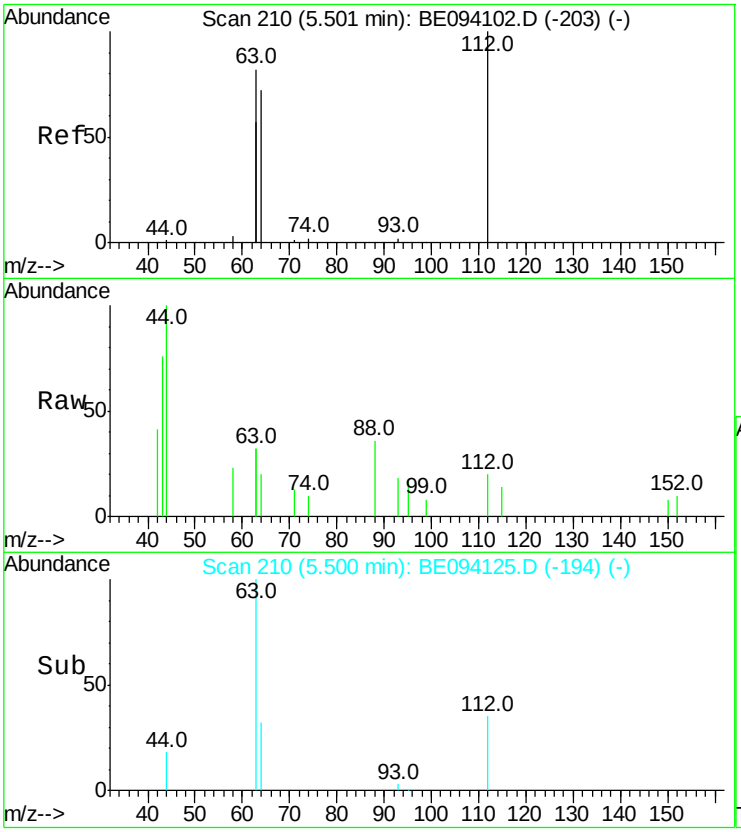


#3
n-Nitrosodimethylamine
Concen: 0.019 ng
RT: 3.64 min Scan# 62
Delta R.T. -0.09 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion: 42 Resp: 70

Ion	Ratio	Lower	Upper
42	100		
74	14.3	100.3	150.5#
44	97.1	17.0	25.4#



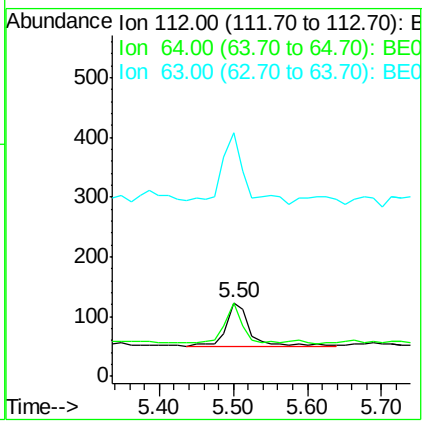


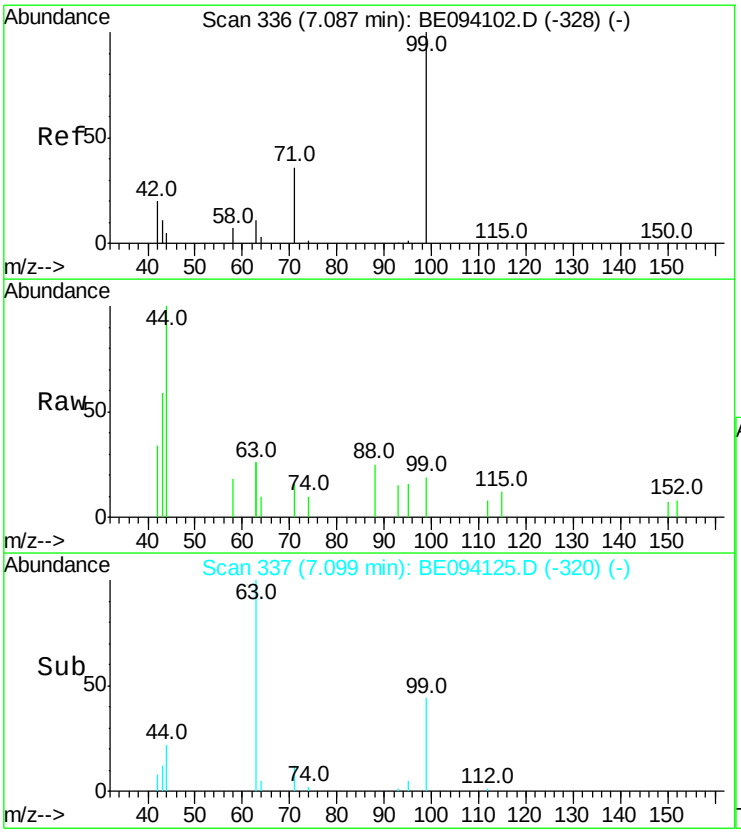
#4
2-Fluorophenol
Concen: 0.028 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 158

Ion	Ratio	Lower	Upper
112	100		
64	72.8	60.1	90.1
63	139.9	116.8	175.2

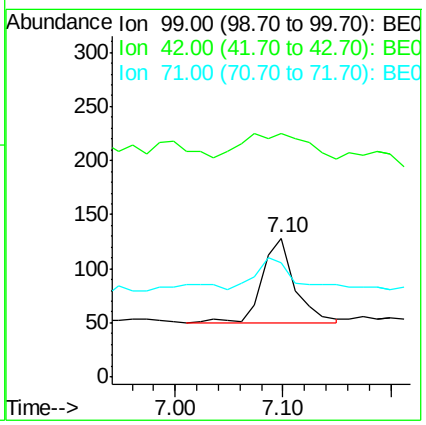


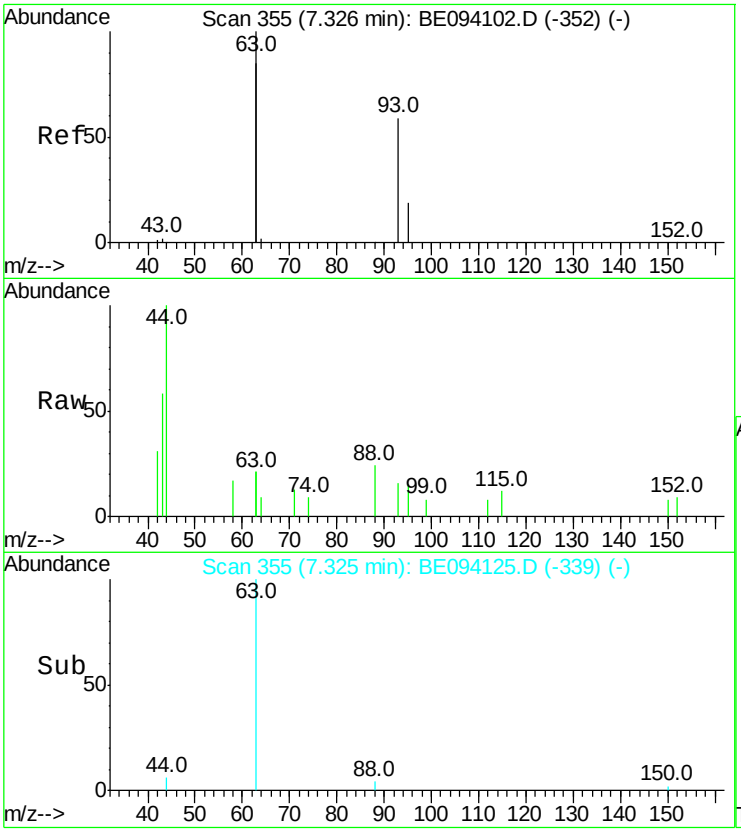


#5
Phenol-d6
Concen: 0.021 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion: 99 Resp: 165

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#



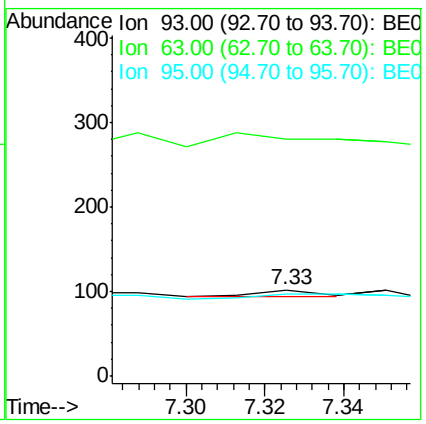


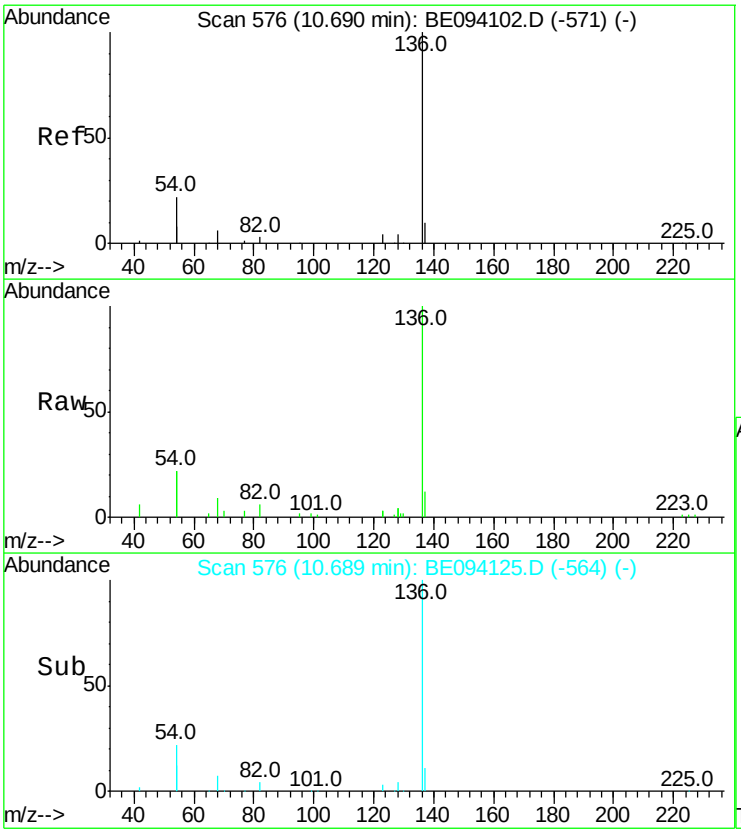
#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.33 min Scan# 355
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 8

Ion	Ratio	Lower	Upper
93	100		
63	375.0	275.3	412.9
95	175.0	25.2	37.8#

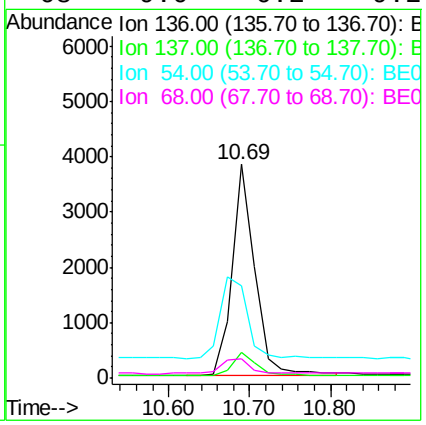


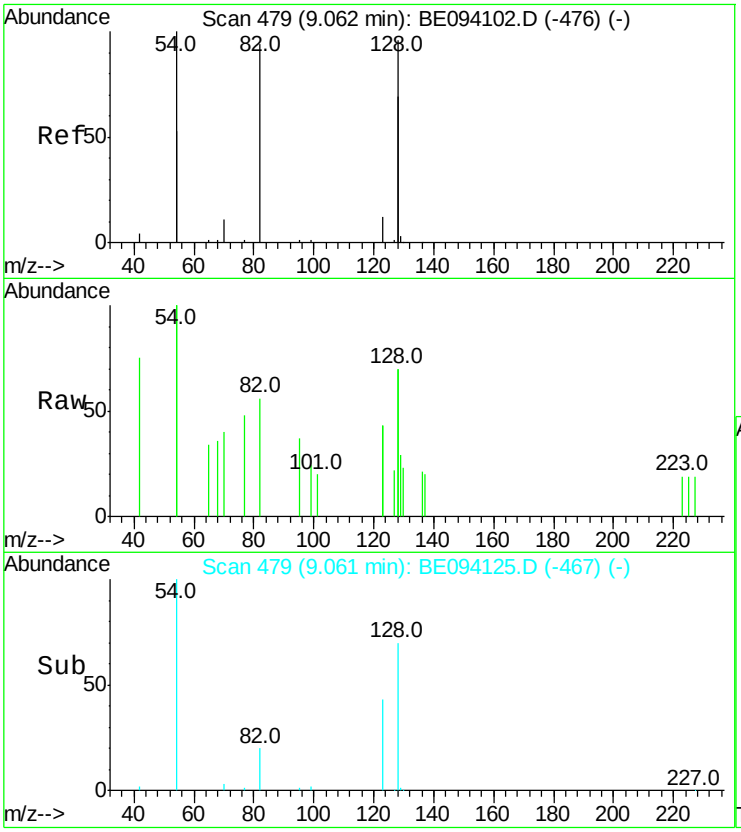


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:136 Resp: 7462

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	43.1	29.1	43.7
68	9.0	6.2	9.2



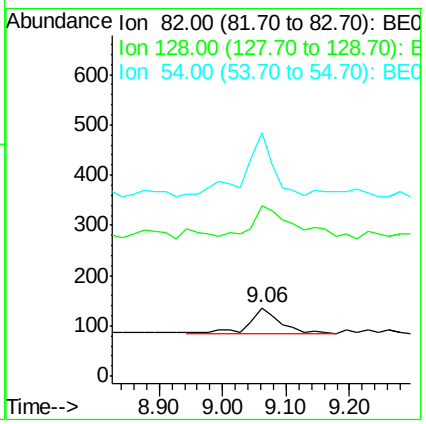


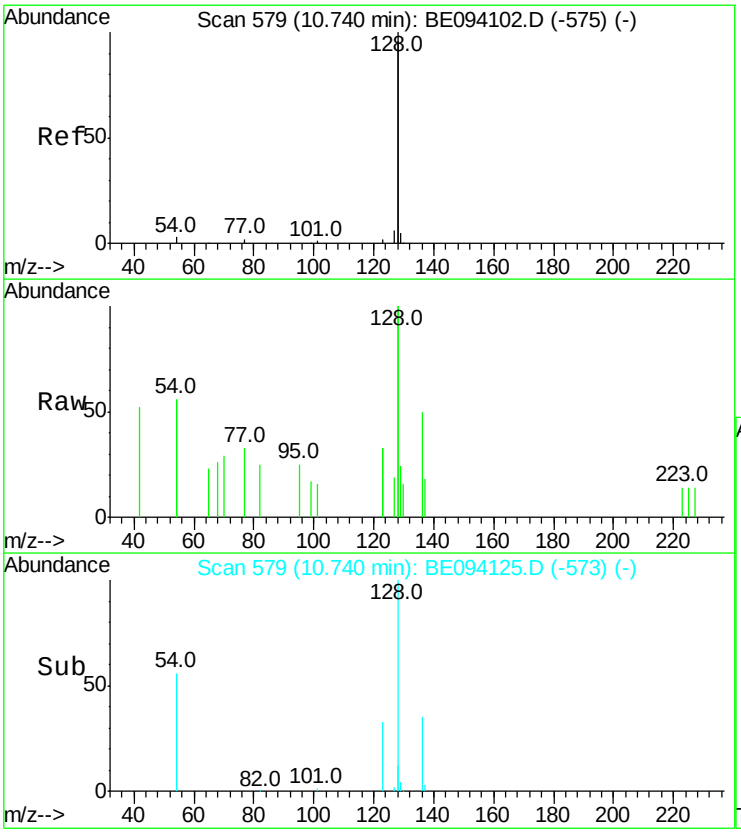
#8
Nitrobenzene-d5
Concen: 0.022 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 162

Ion	Ratio	Lower	Upper
82	100		
128	248.5	150.0	225.0#
54	355.9	154.2	231.4#

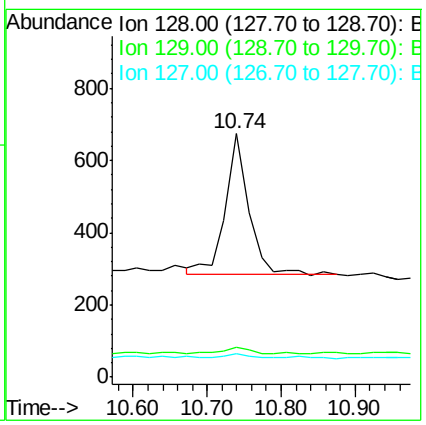


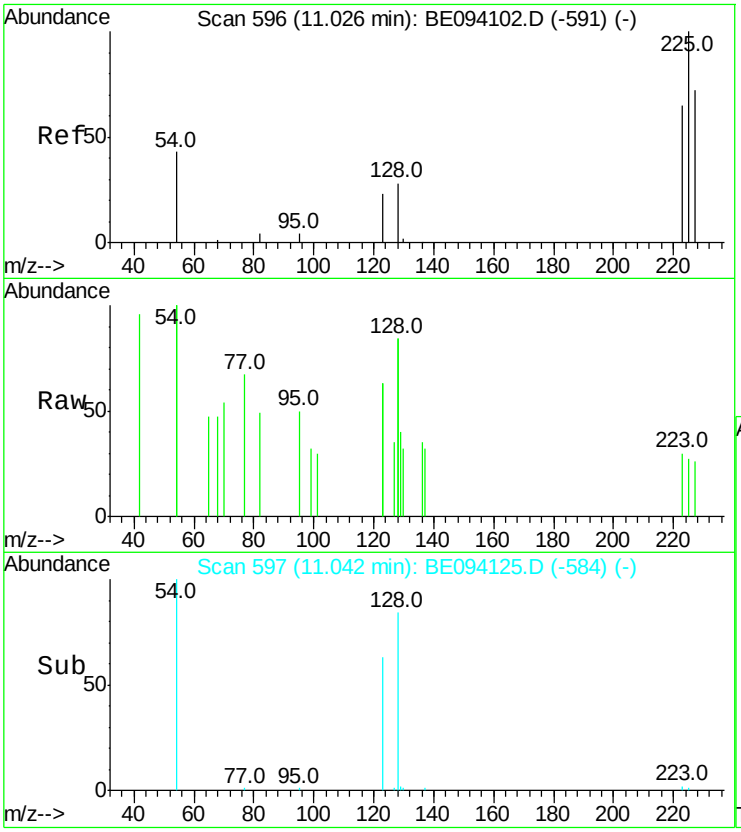


#9
Naphthalene
Concen: 0.010 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:128 Resp: 850

Ion	Ratio	Lower	Upper
128	100		
129	12.2	2.6	3.8#
127	9.5	2.8	4.2#



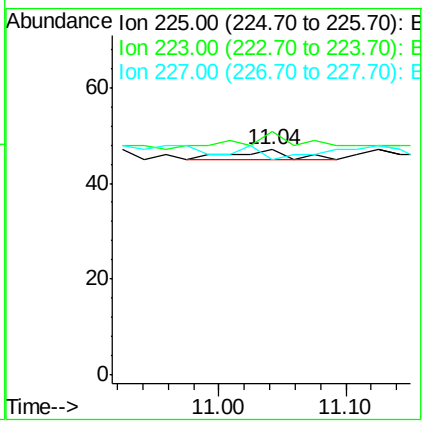


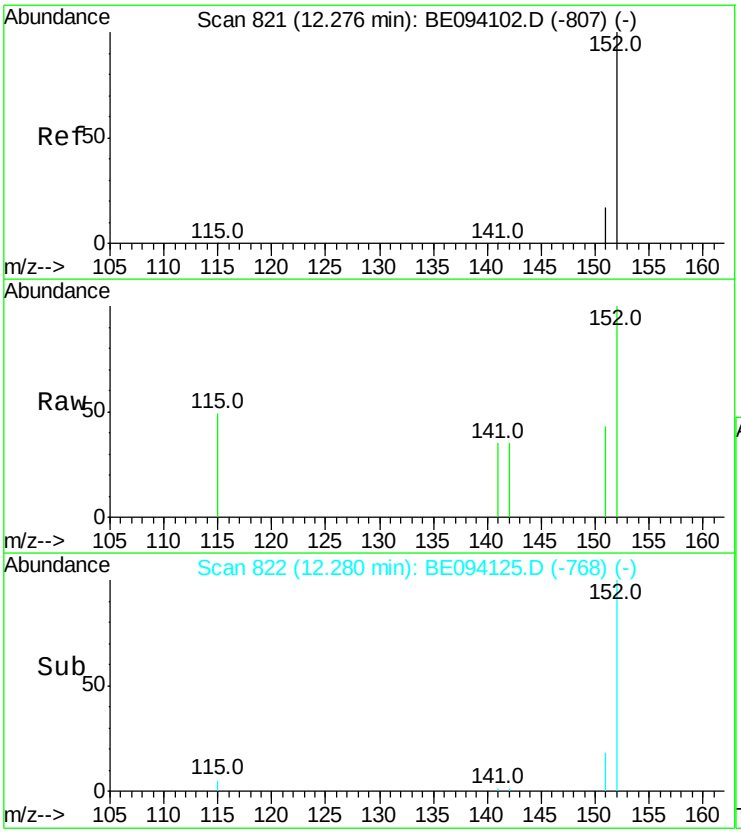
#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.02 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 6

Ion	Ratio	Lower	Upper
225	100		
223	233.3	53.0	79.6#
227	0.0	51.4	77.2#

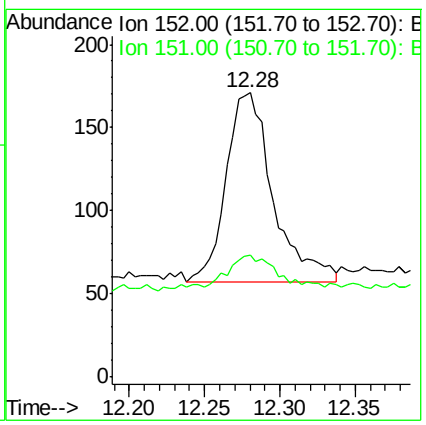


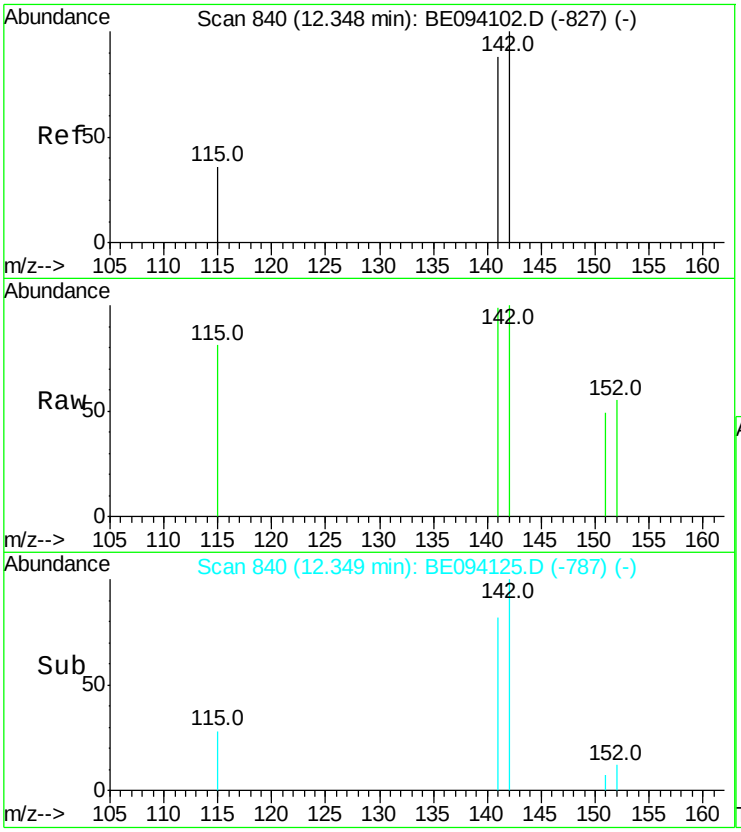


#11
2-Methylnaphthalene-d10
Concen: 0.021 ng
RT: 12.28 min Scan# 822
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:152 Resp: 247

Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.4	23.0



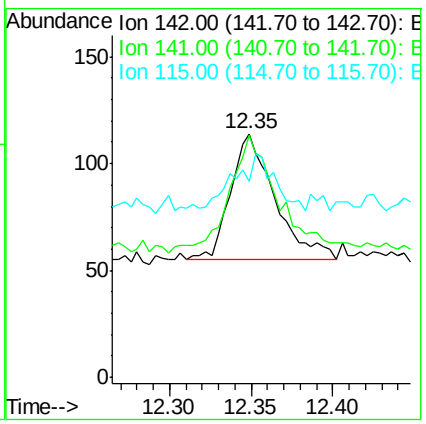


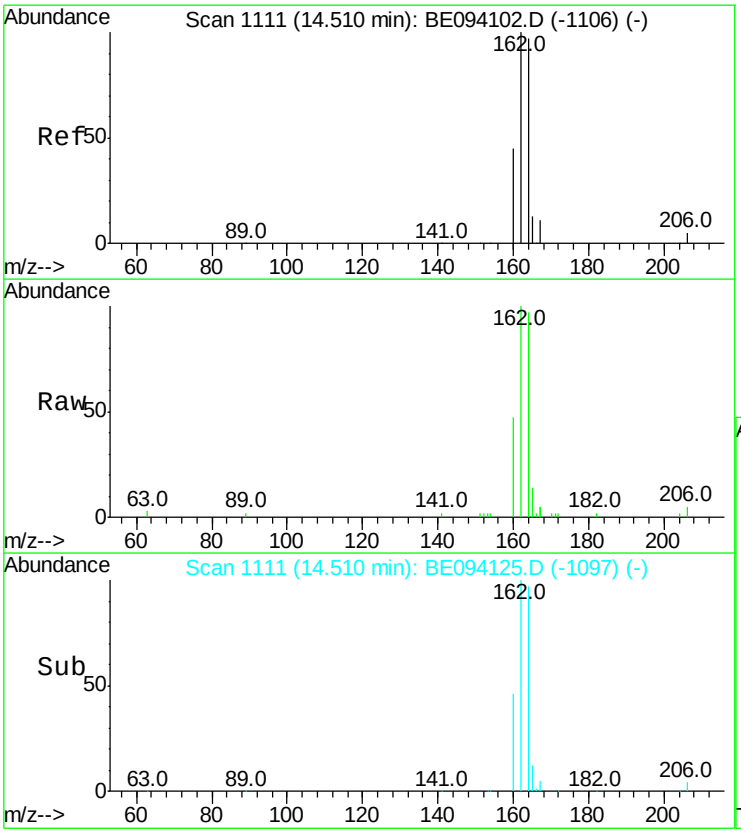
#12
2-Methylnaphthalene
Concen: 0.008 ng
RT: 12.35 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 111

Ion	Ratio	Lower	Upper
142	100		
141	99.1	70.4	105.6
115	80.7	31.7	47.5#

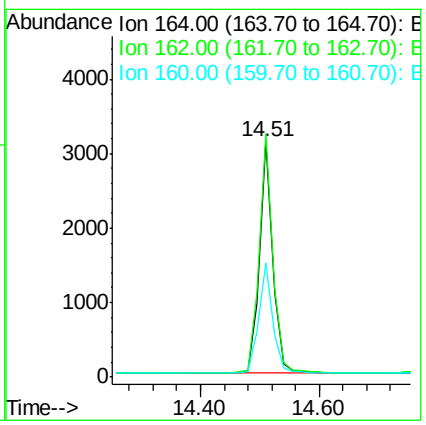


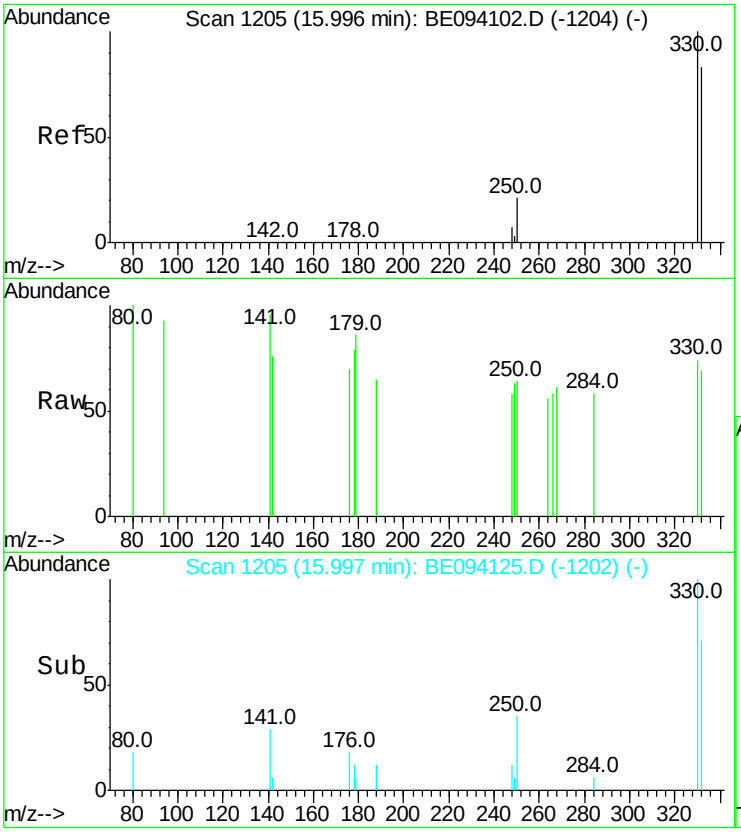


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:164 Resp: 4811

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.1	124.7
160	48.6	37.1	55.7



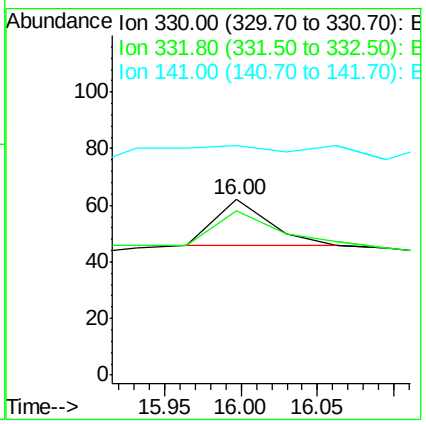


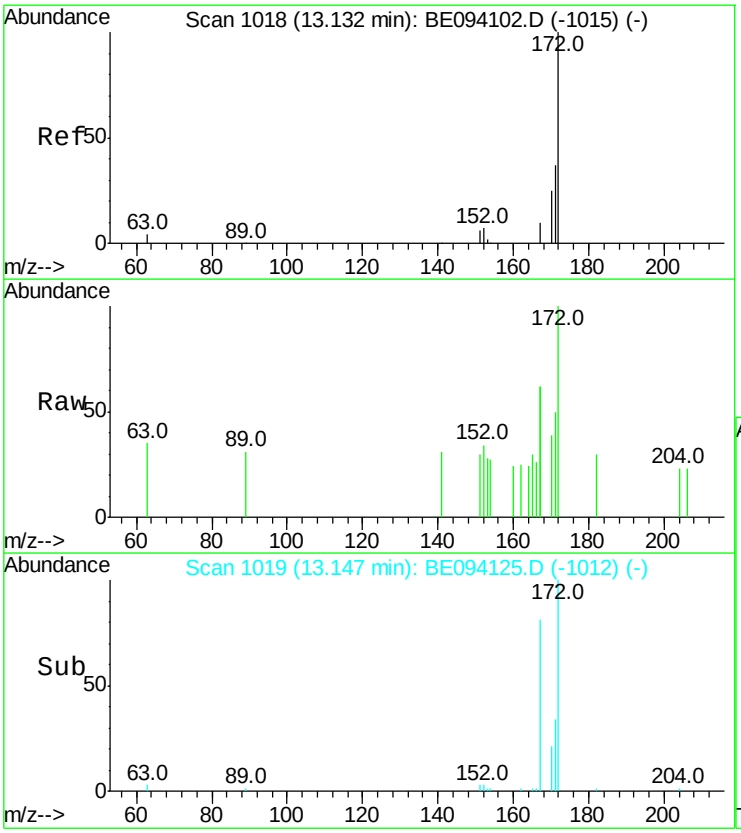
#14
2,4,6-Tribromophenol
Concen: -0.027 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 39

Ion	Ratio	Lower	Upper
330	100		
332	84.6	152.7	229.1#
141	0.0	33.7	50.5#

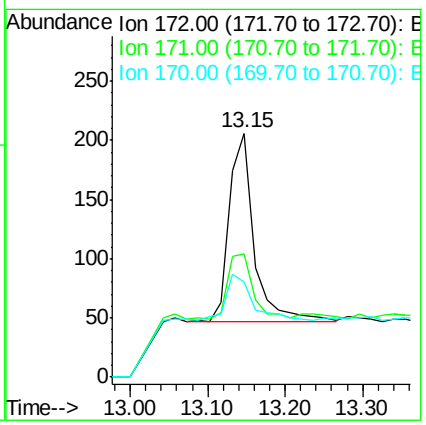


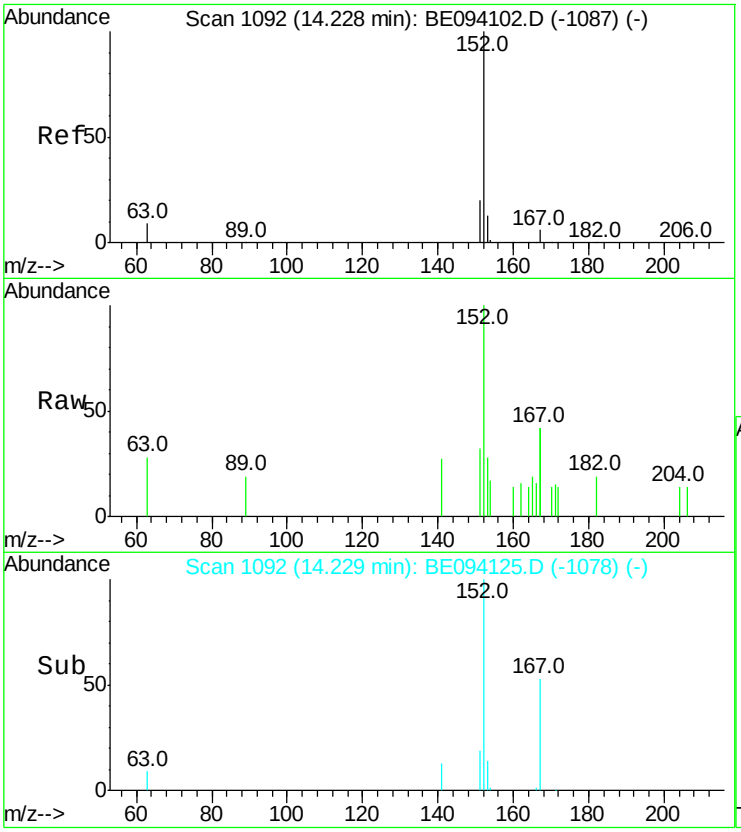


#15
2-Fluorobiphenyl
Concen: 0.022 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:172 Resp: 354

Ion	Ratio	Lower	Upper
172	100		
171	50.5	29.9	44.9#
170	39.3	21.8	32.8#



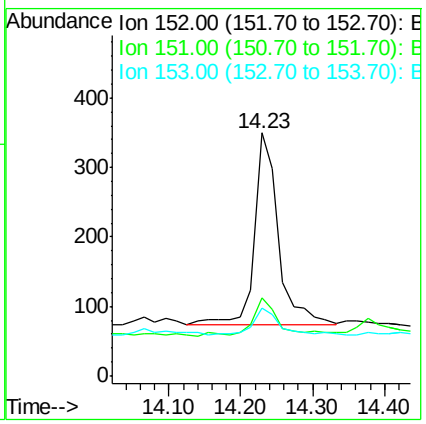


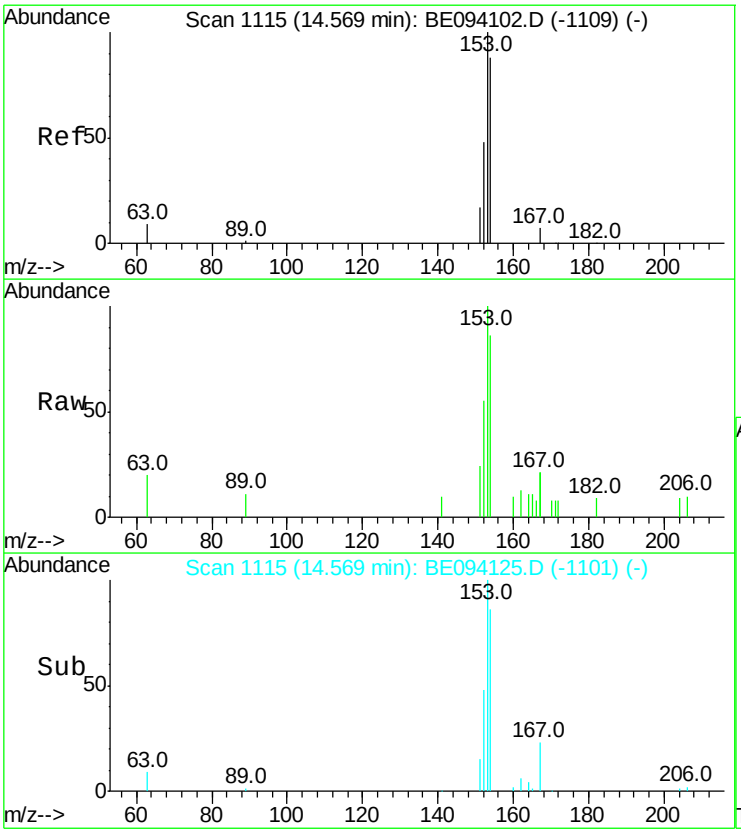
#16
Acenaphthylene
Concen: 0.026 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 638

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.7	23.5
153	15.7	10.5	15.7

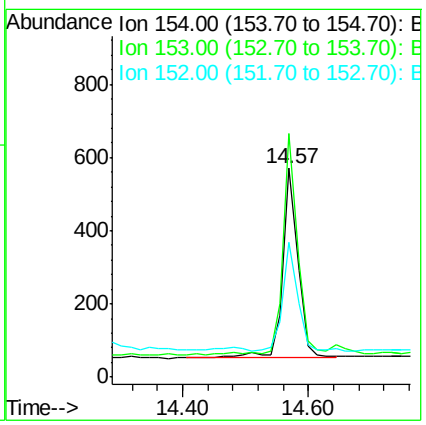


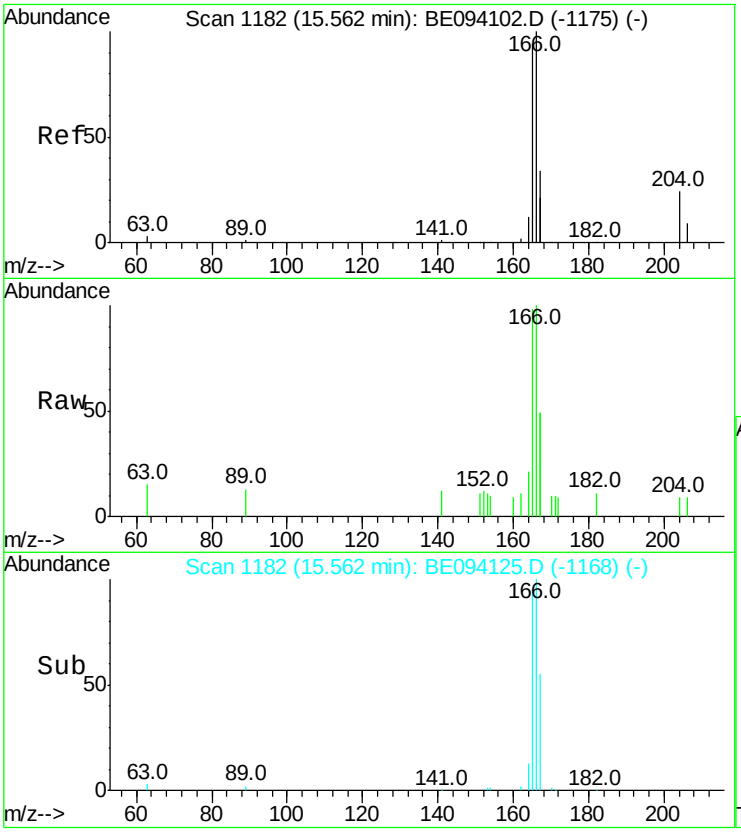


#17
Acenaphthene
Concen: 0.057 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:154 Resp: 852

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.2	133.8
152	57.7	42.0	63.0



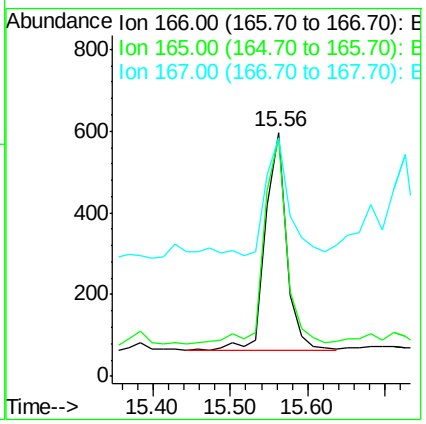


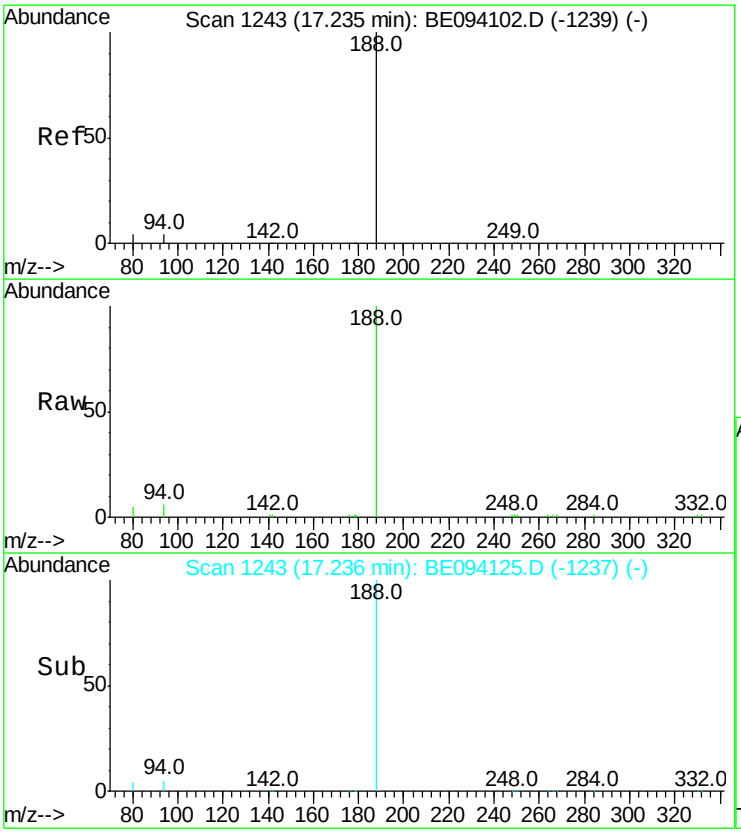
#18
Fluorene
Concen: 0.049 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1005

Ion	Ratio	Lower	Upper
166	100		
165	103.2	77.8	116.6
167	58.9	42.4	63.6

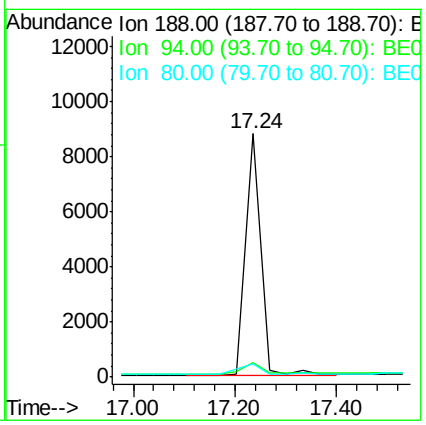


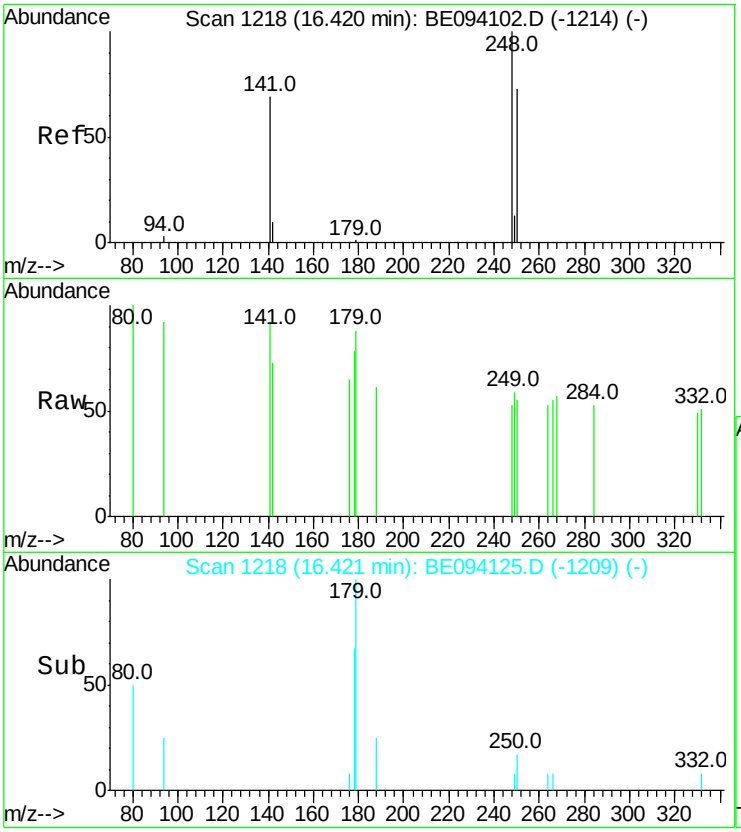


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:188 Resp: 18136

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



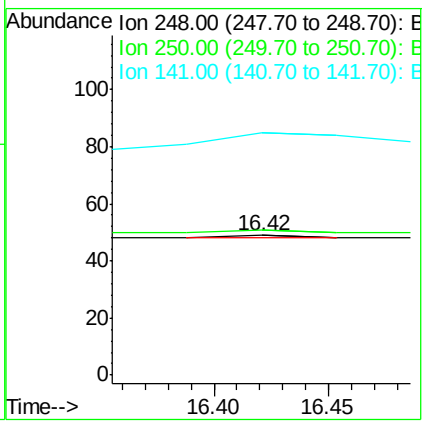


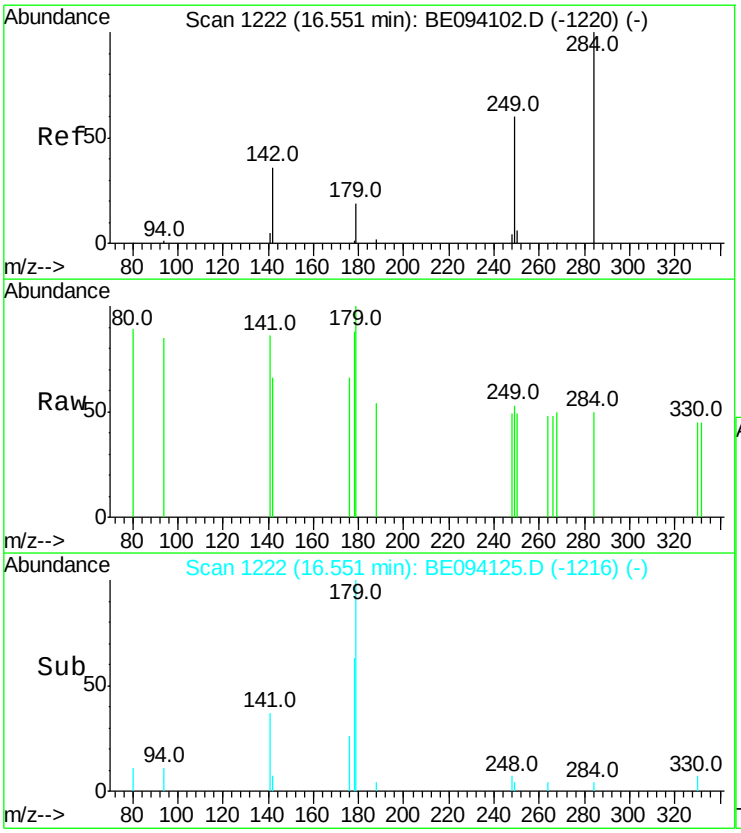
#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 2

Ion	Ratio	Lower	Upper
248	100		
250	104.1	62.7	94.1#
141	173.5	48.2	72.2#

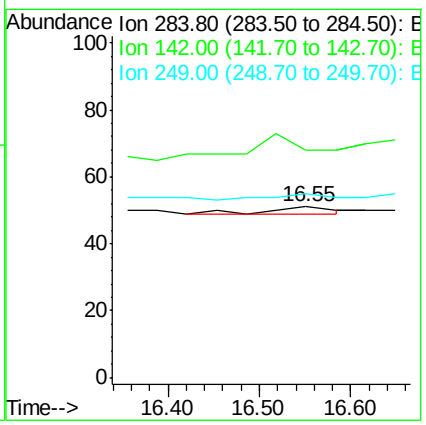


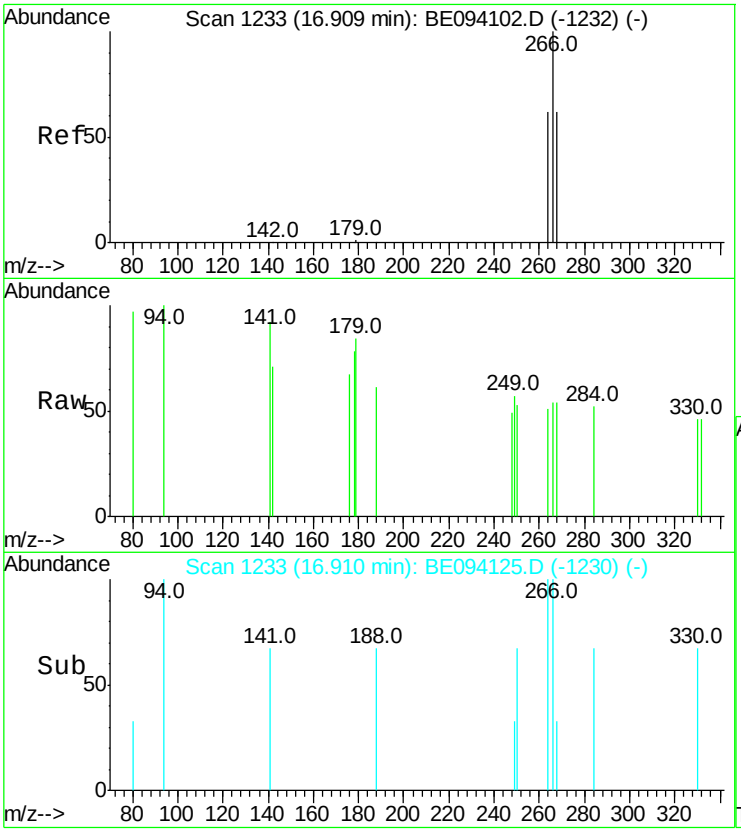


#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:284 Resp: 10

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	100.0	34.8	52.2#



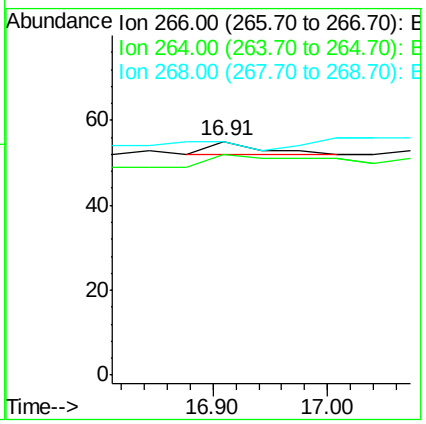


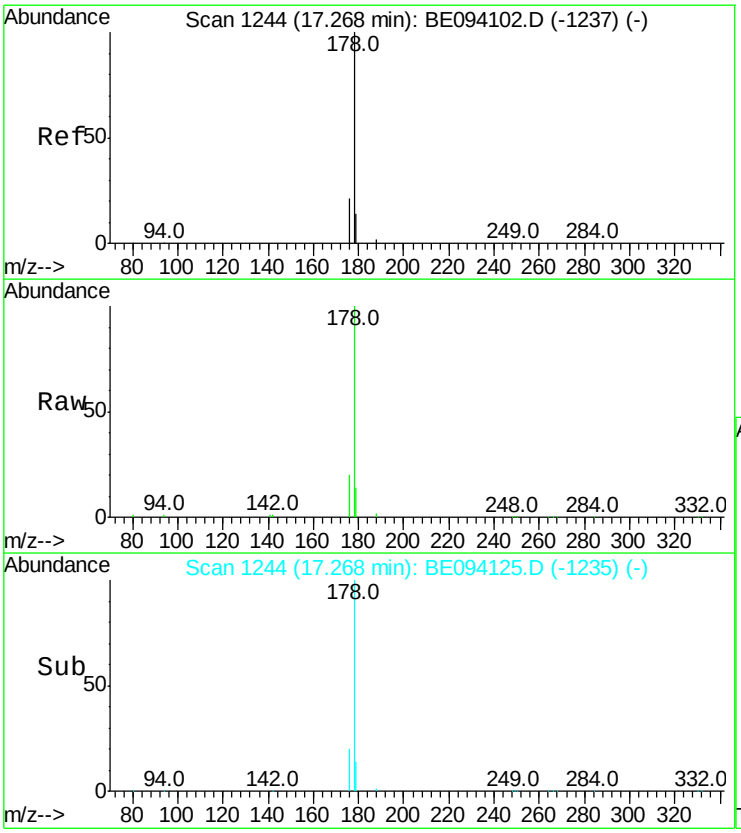
#22
Pentachlorophenol
Concen: 0.002 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	94.5	72.5	108.7
268	100.0	73.8	110.6

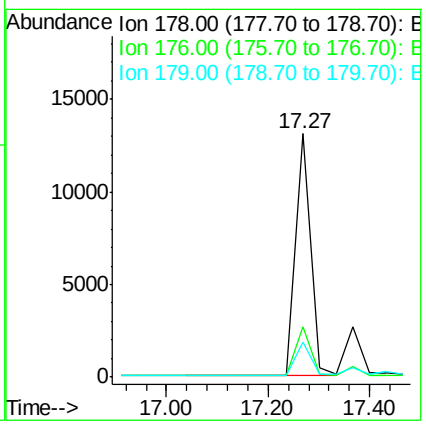


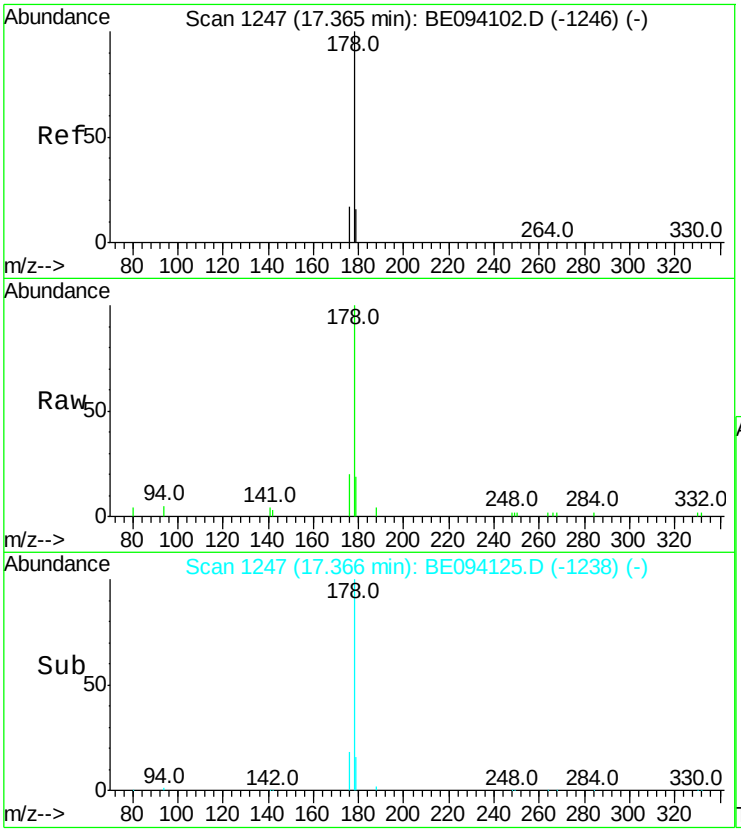


#23
Phenanthrene
Concen: 0.575 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:178 Resp: 26690

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.1	11.8	17.6



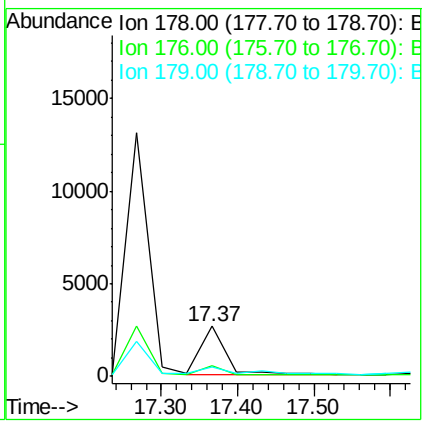


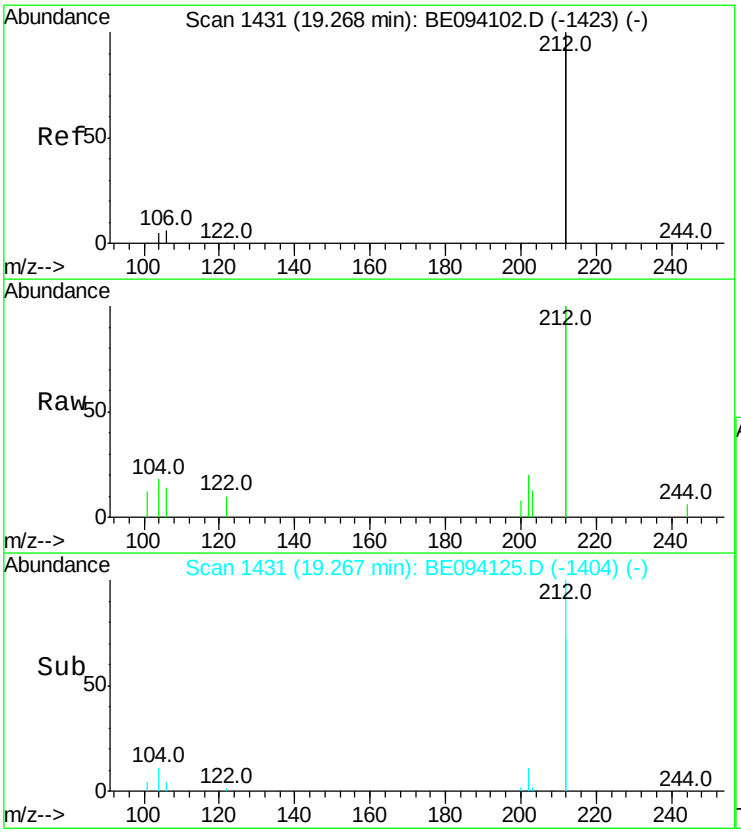
#24
Anthracene
Concen: 0.114 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5540

Ion	Ratio	Lower	Upper
178	100		
176	16.6	12.8	19.2
179	20.9	13.0	19.6#

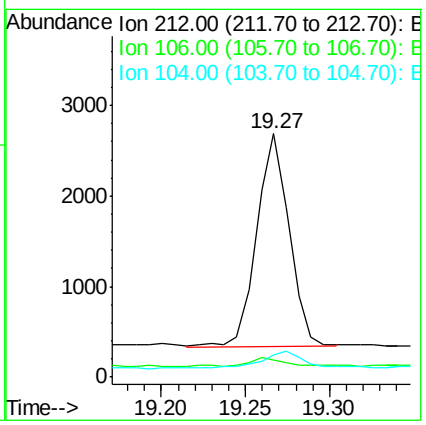


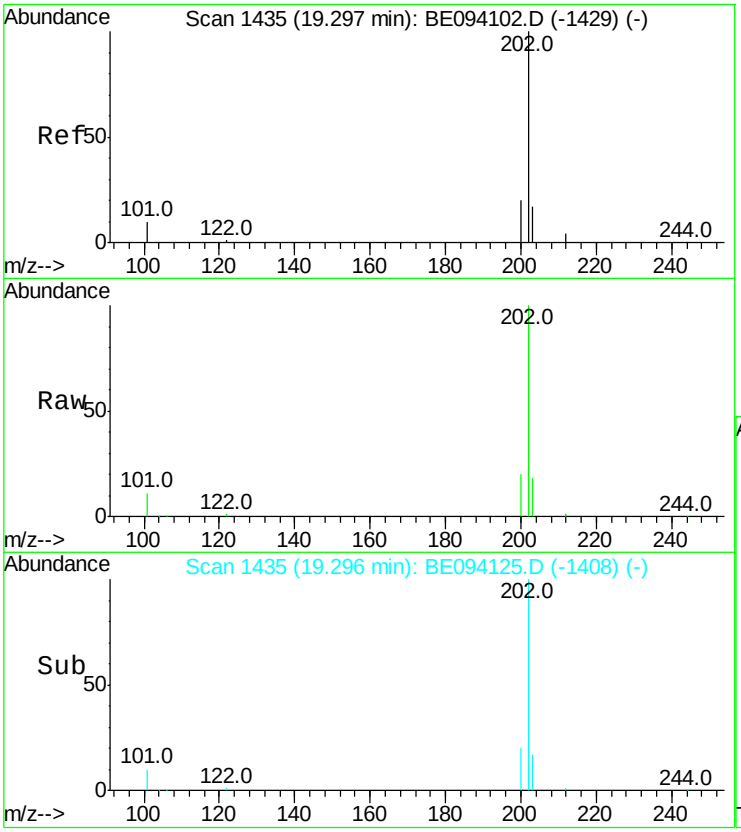


#25
Fluoranthene-d10
Concen: 0.018 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:212 Resp: 3135

Ion	Ratio	Lower	Upper
212	100		
106	5.3	2.8	4.2#
104	11.8	1.6	2.4#



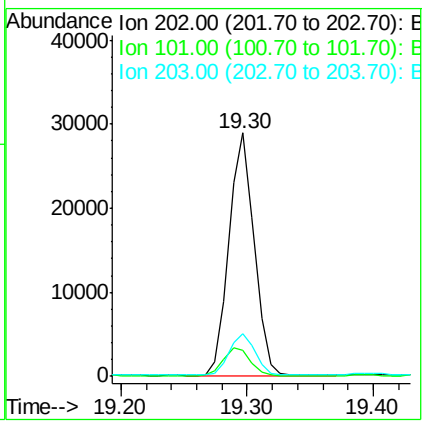


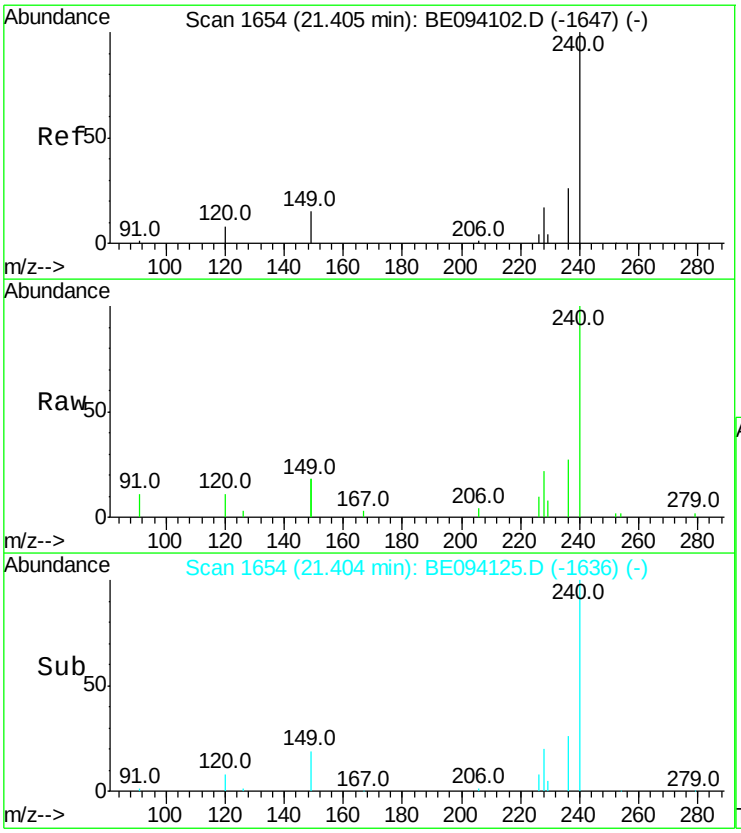
#26
Fluoranthene
Concen: 0.770 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 40020

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
203	17.3	13.7	20.5

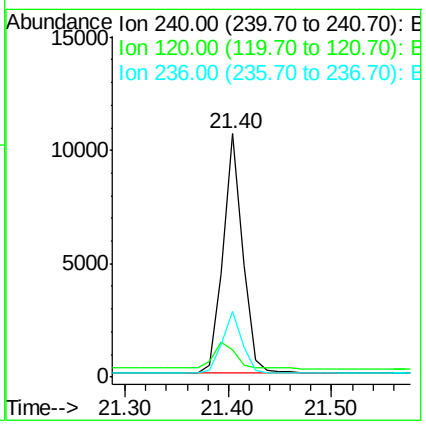


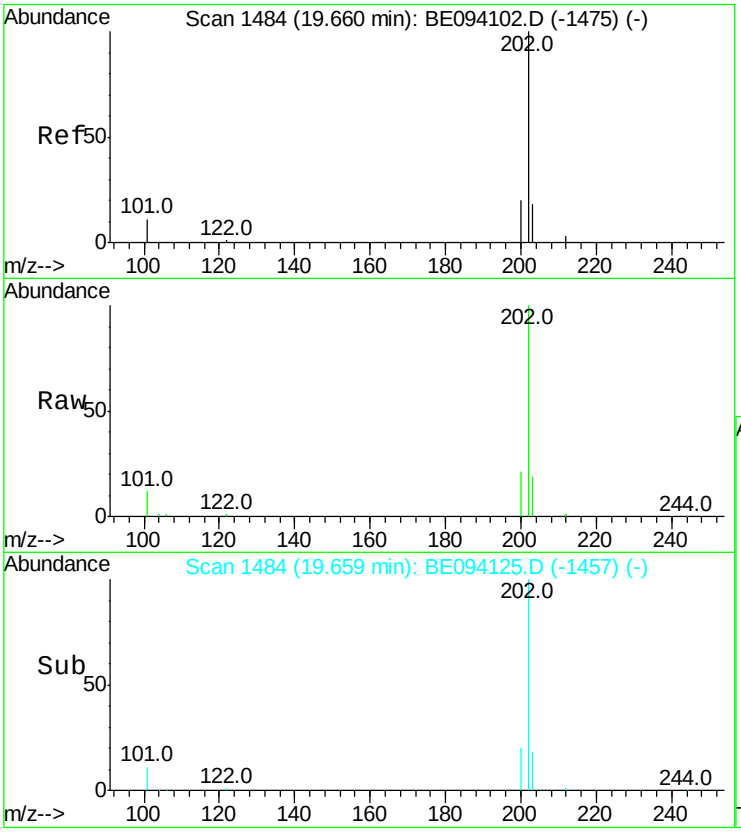


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:240 Resp: 13959

Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.5	8.3#
236	26.8	20.7	31.1



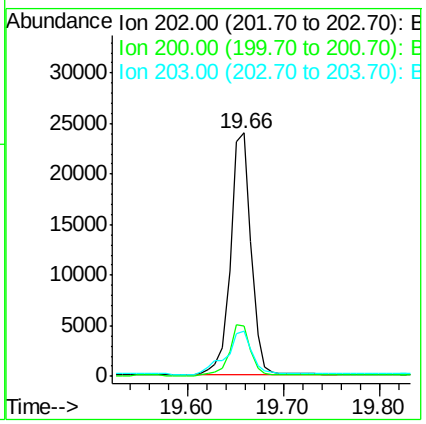


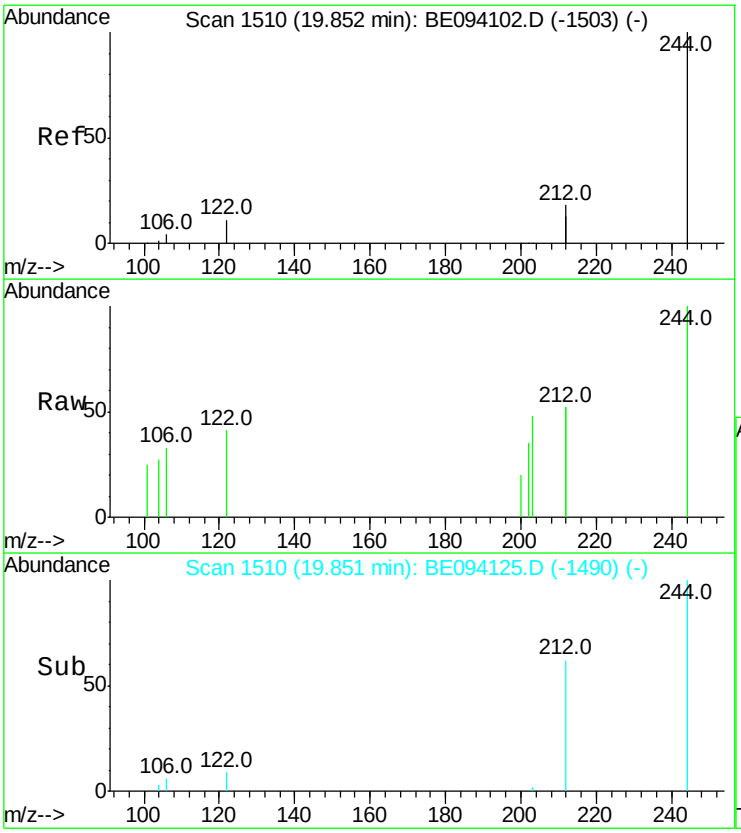
#28
Pyrene
Concen: 0.809 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 35780

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	22.5	13.8	20.8#

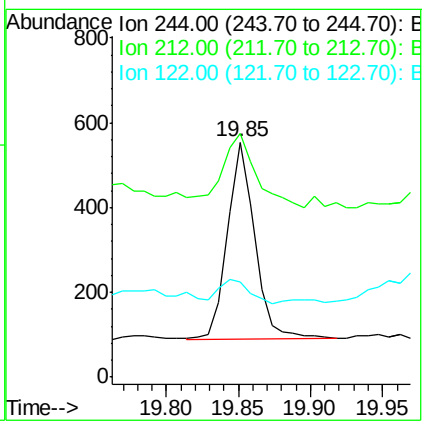


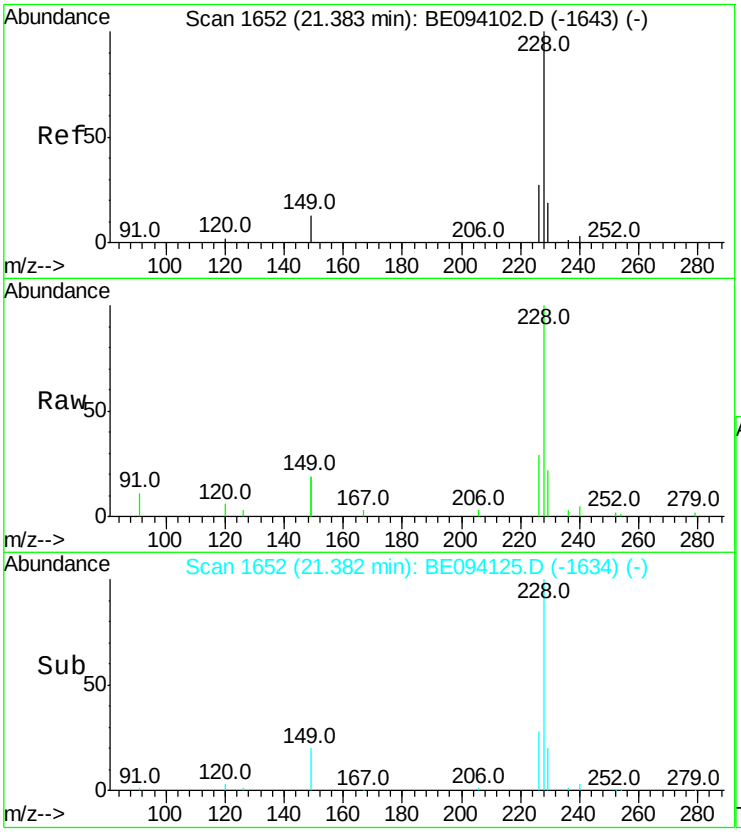


#29
Terphenyl-d14
Concen: 0.024 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:244 Resp: 611

Ion	Ratio	Lower	Upper
244	100		
212	103.6	25.4	38.0#
122	40.8	8.1	12.1#



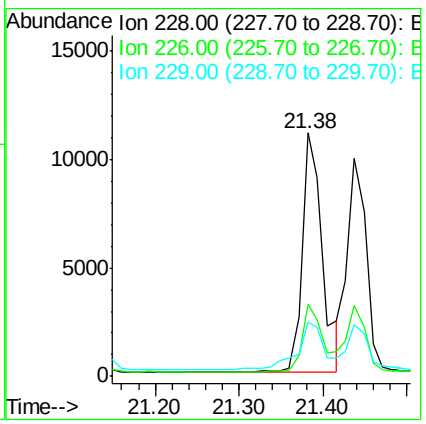


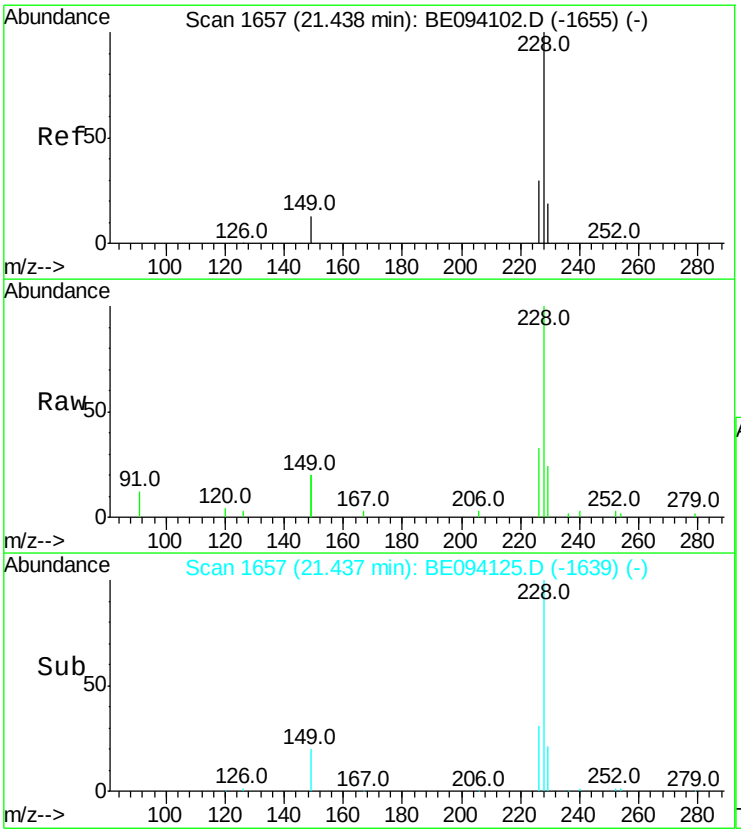
#30
Benzo(a)anthracene
Concen: 0.393 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 18452

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.4	32.0
229	22.5	16.4	24.6

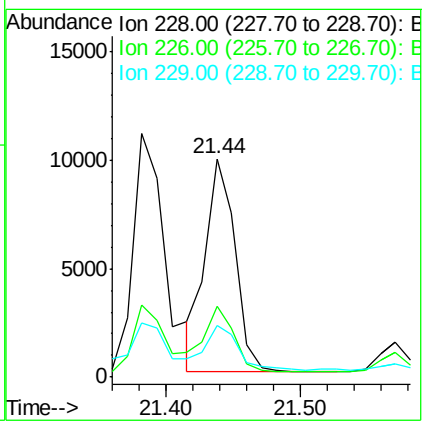


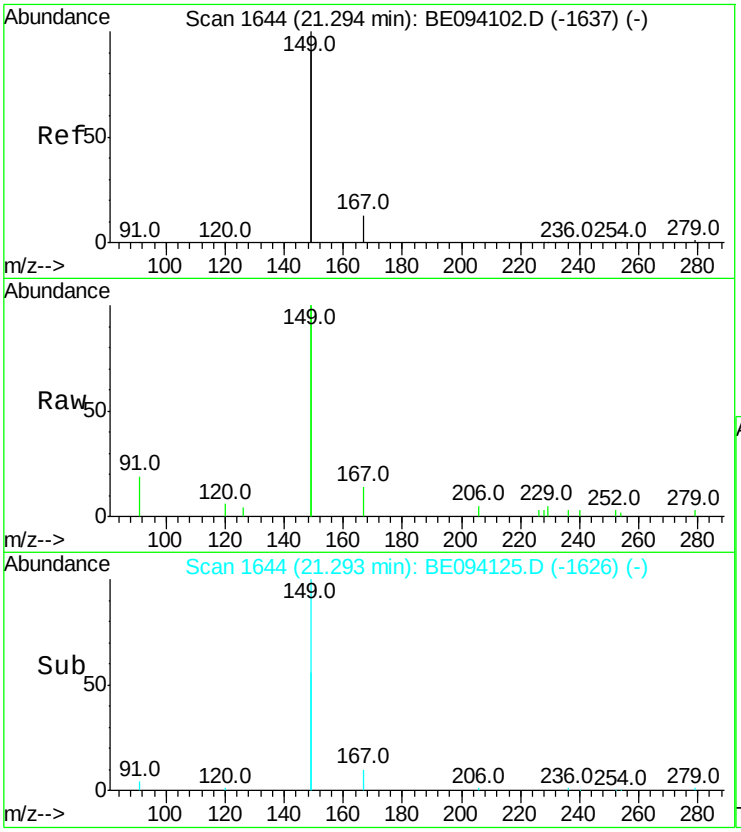


#31
Chrysene
Concen: 0.336 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:228 Resp: 15245

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.6	35.4
229	23.6	16.4	24.6



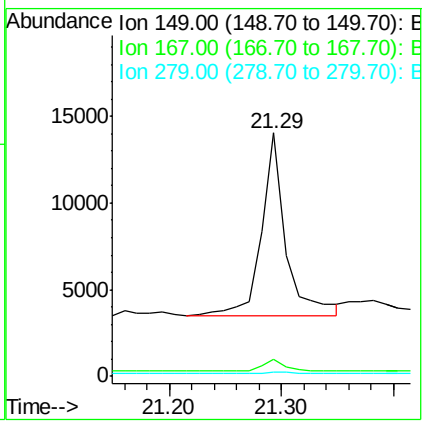


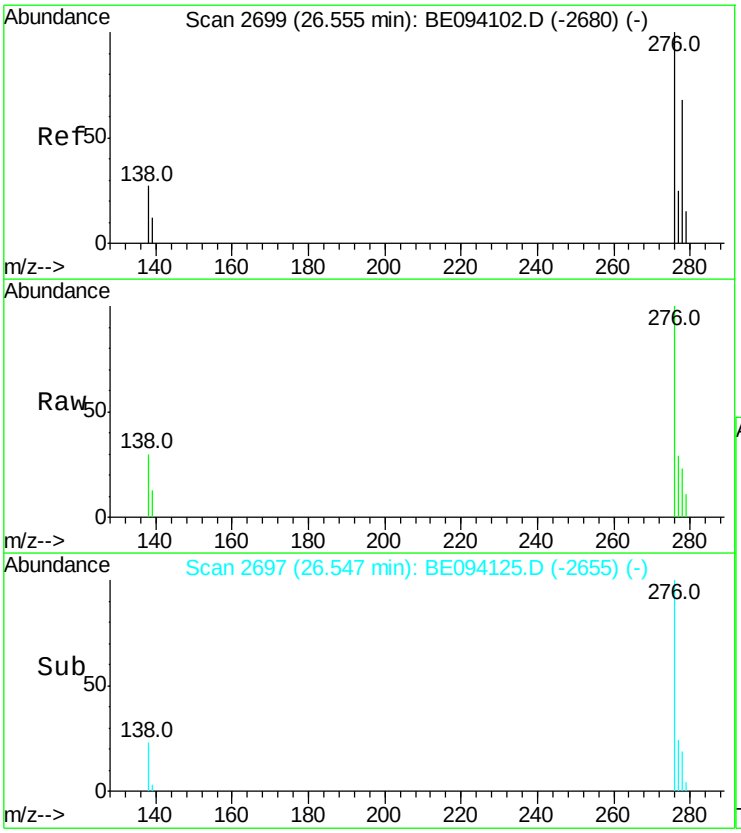
#32
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 15950

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.5	0.7	1.1#

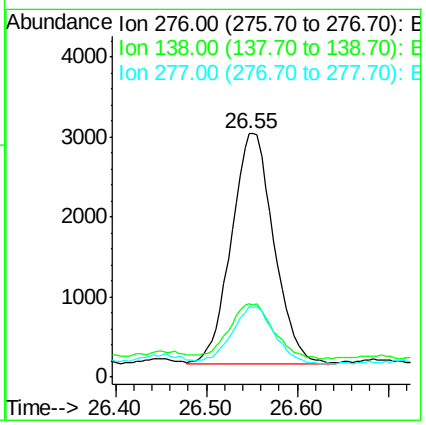


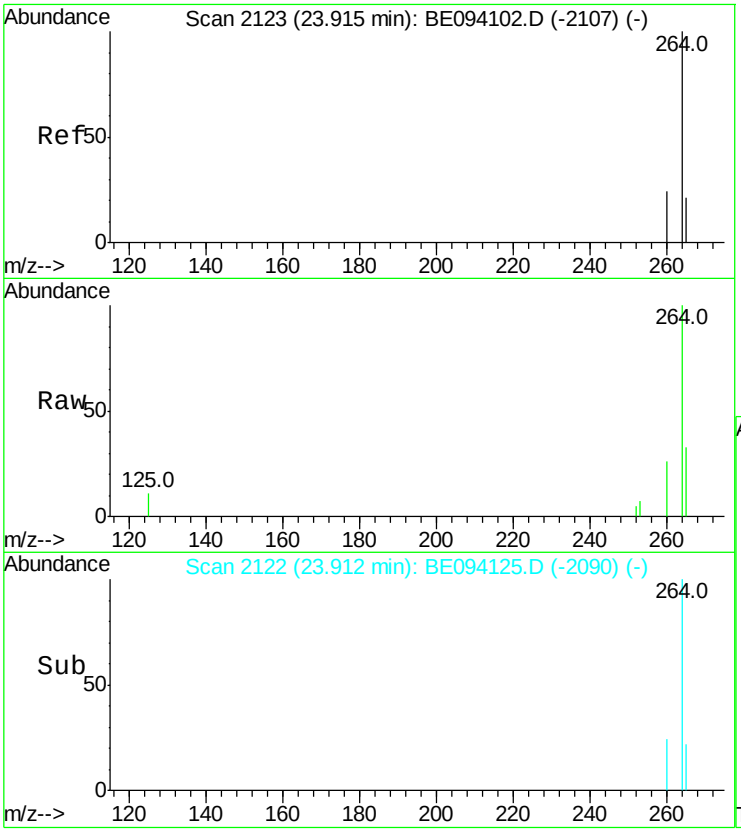


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng
RT: 26.55 min Scan# 2697
Delta R.T. -0.01 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:276 Resp: 9302

Ion	Ratio	Lower	Upper
276	100		
138	24.5	22.5	33.7
277	25.1	19.9	29.9



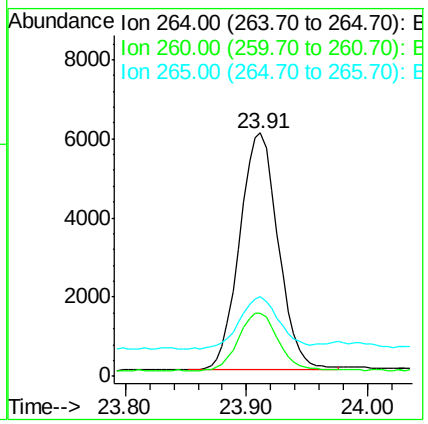


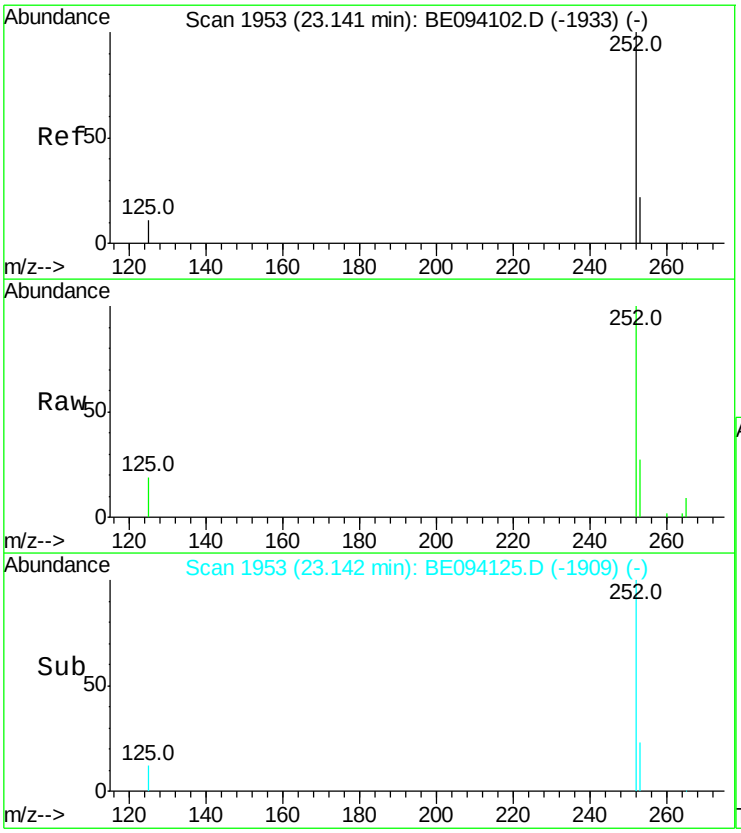
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 13222

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	32.5	22.8	34.2

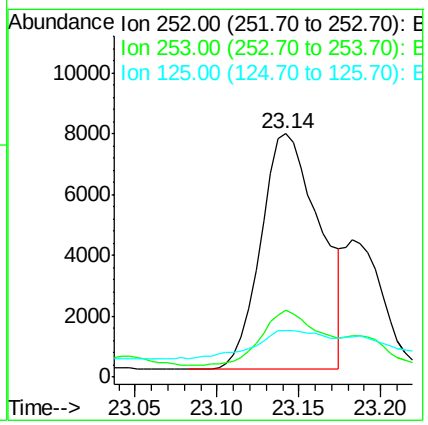


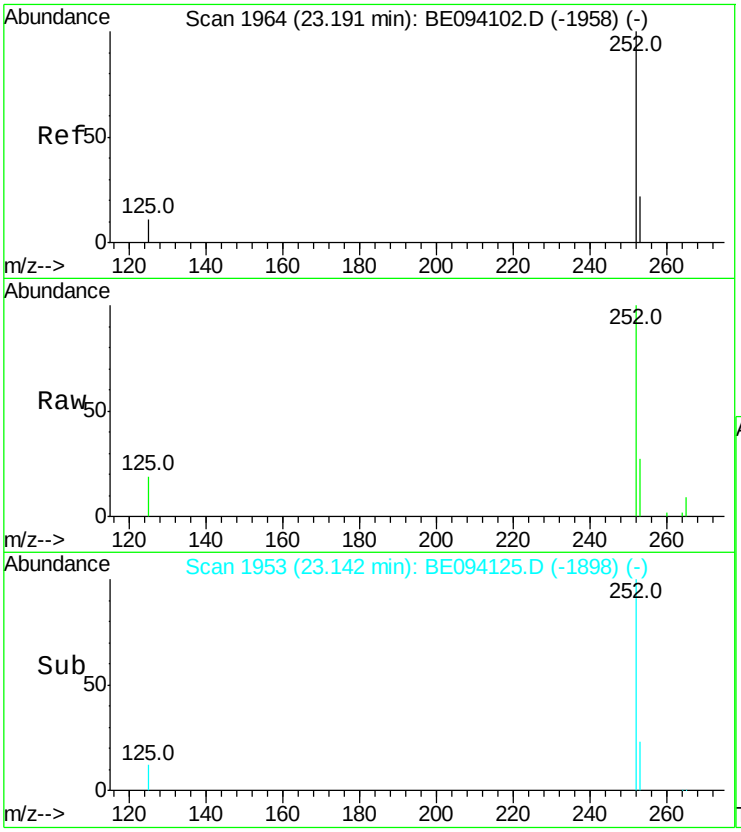


#35
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:252 Resp: 19485

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.2	27.2#
125	19.2	10.1	15.1#



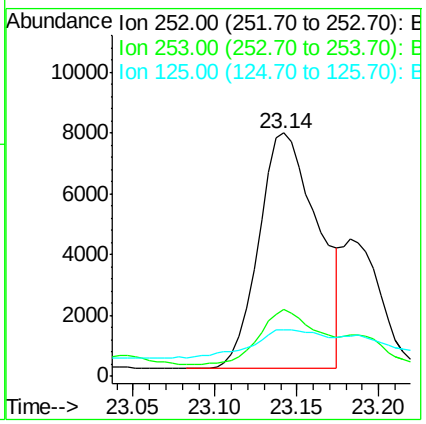


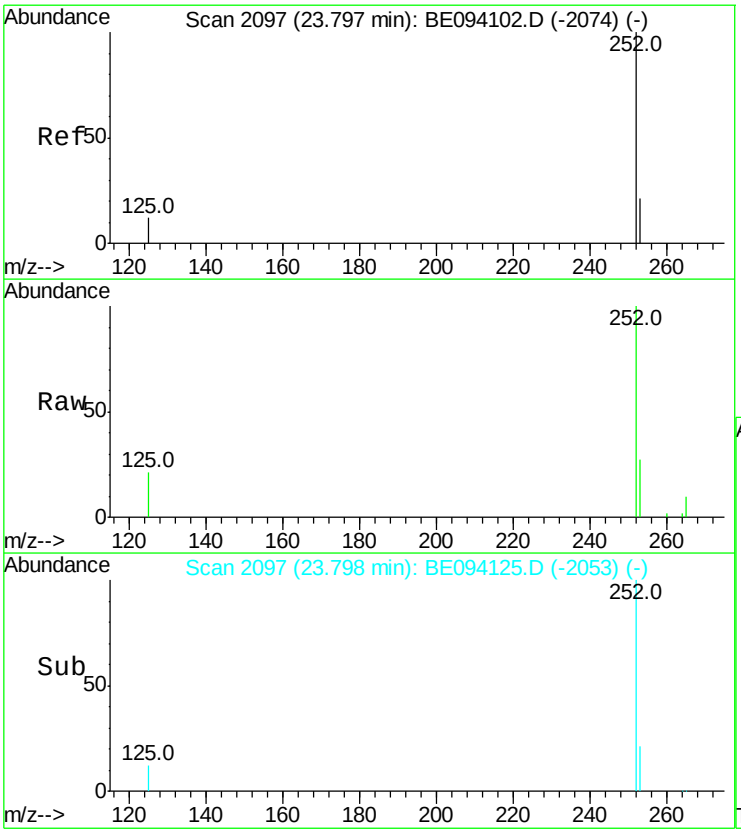
#36
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 19485

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.6	27.8
125	19.2	10.7	16.1#

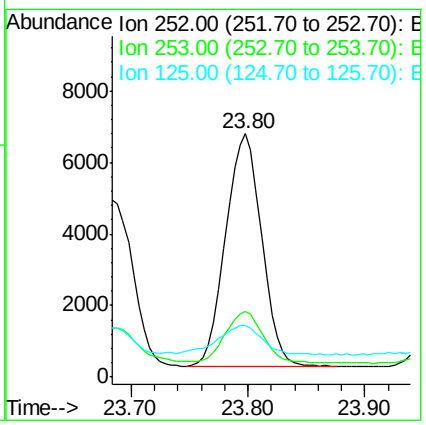


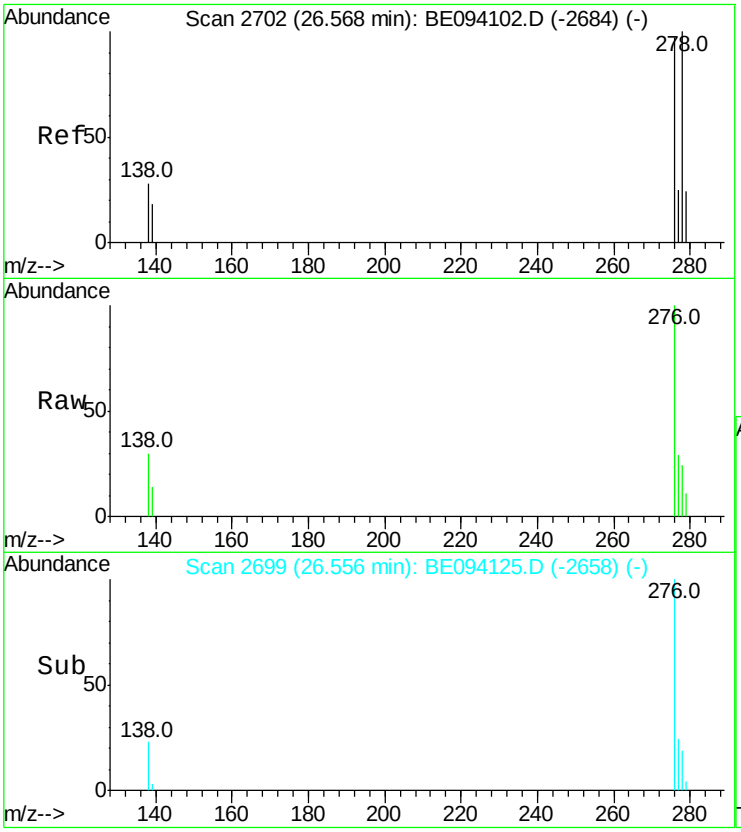


#37
Benzo(a)pyrene
Concen: 0.325 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:252 Resp: 13990

Ion	Ratio	Lower	Upper
252	100		
253	27.0	19.0	28.6
125	21.0	11.8	17.8#



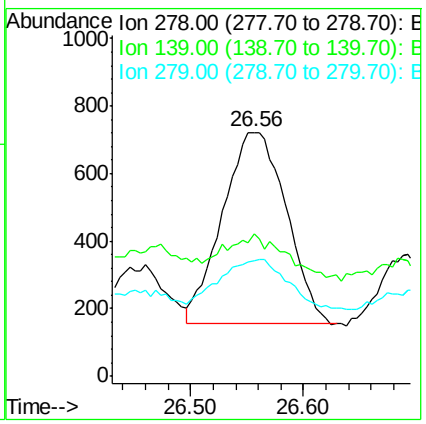


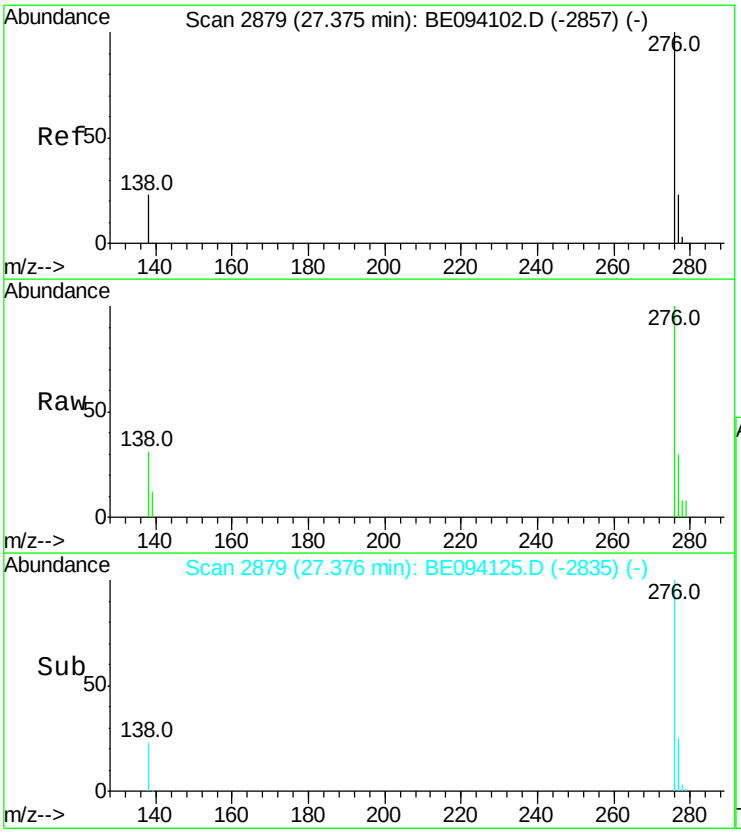
#38
Dibenzo(a,h)anthracene
Concen: 0.054 ng
RT: 26.56 min Scan# 2699
Delta R.T. -0.01 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 2189

Ion	Ratio	Lower	Upper
278	100		
139	58.5	16.3	24.5#
279	47.6	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.232 ng
RT: 27.38 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BE094125.D
Acq: 26 Sep 2017 10:22

Tgt Ion:276 Resp: 9395

Ion	Ratio	Lower	Upper
276	100		
277	29.6	20.8	31.2
138	31.1	21.5	32.3