Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094091.D
Acq On : 23 Sep 2017 23:13
Operator : SJ/JU
Sample : I5340-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 25 08:48:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 07:59:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2167	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	12743	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	8088	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	27080	0.40	ng		0.00
27) Chrysene-d12	21.40	240	15931	0.40	ng		0.00
34) Perylene-d12	23.91	264	14795	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	2536	0.12	ng		0.00
5) Phenol-d6	7.09	99	3365	0.26	ng		0.00
8) Nitrobenzene-d5	9.06	82	2791	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	3941	0.18	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	1623	0.26	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	5530	0.21	ng		0.00
25) Fluoranthene-d10	19.27	212	34326	0.10	ng		0.00
29) Terphenyl-d14	19.85	244	4816	0.19	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.65	42	719	0.096	ng	#	1
6) bis(2-Chloroethyl)ether	7.34	93	886	0.093	ng	#	1
9) Naphthalene	10.74	128	4406	Below Cal		#	95
12) 2-Methylnaphthalene	12.35	142	669	0.026	ng	#	87
16) Acenaphthylene	14.23	152	5436	0.134	ng		99
17) Acenaphthene	14.57	154	901	0.033	ng		93
18) Fluorene	15.56	166	2098	0.052	ng		89
23) Phenanthrene	17.27	178	59663	0.615	ng		98
24) Anthracene	17.37	178	7698	0.103	ng	#	94
26) Fluoranthene	19.30	202	105012	1.009	ng		99
28) Pyrene	19.66	202	99195	2.250	ng	#	96
30) Benzo(a)anthracene	21.38	228	40264	0.755	ng		96
31) Chrysene	21.44	228	49951	0.955	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	29902	0.209	ng		97
33) Indeno(1,2,3-cd)pyrene	26.55	276	29869	0.739	ng		97
35) Benzo(b)fluoranthene	23.14	252	63341	1.183	ng		96
36) Benzo(k)fluoranthene	23.14	252	63341	1.179	ng		98
37) Benzo(a)pyrene	23.79	252	42659	0.887	ng		98
38) Dibenzo(a,h)anthracene	26.56	278	7407	0.192	ng	#	74
39) Benzo(g,h,i)perylene	27.37	276	30885	0.803	ng		99

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

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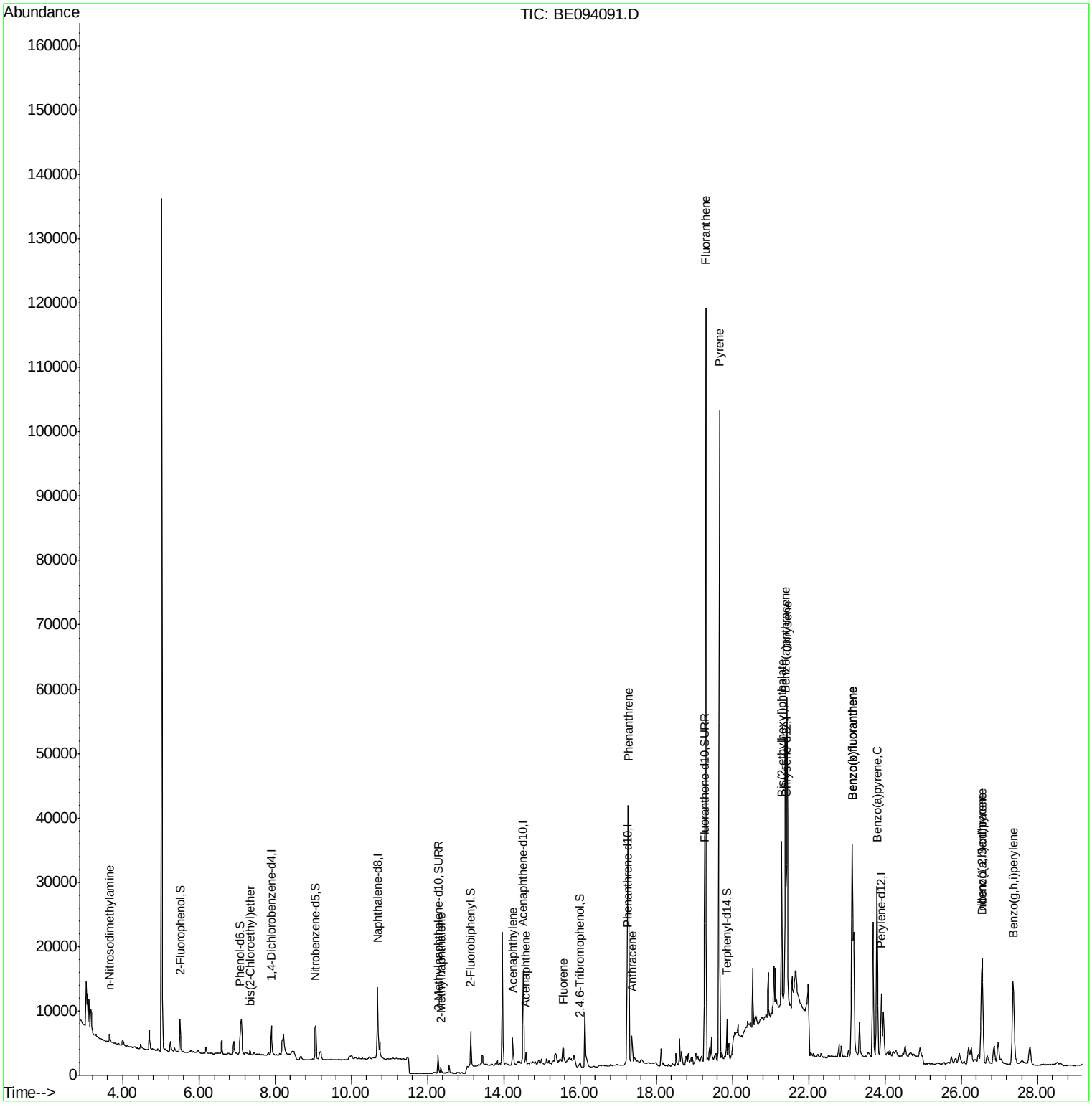
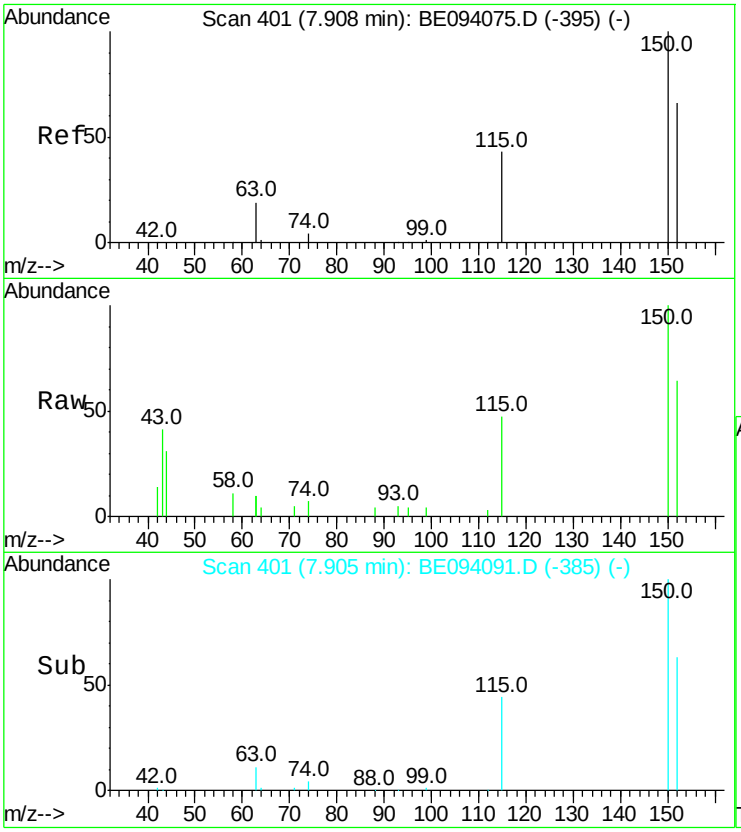


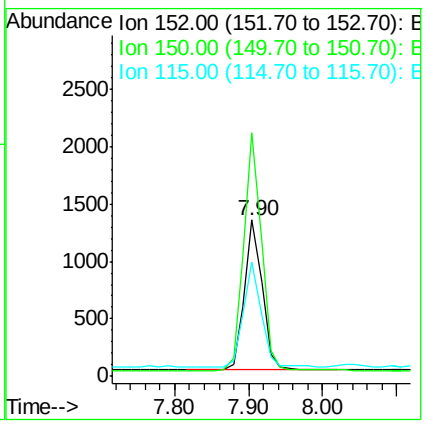


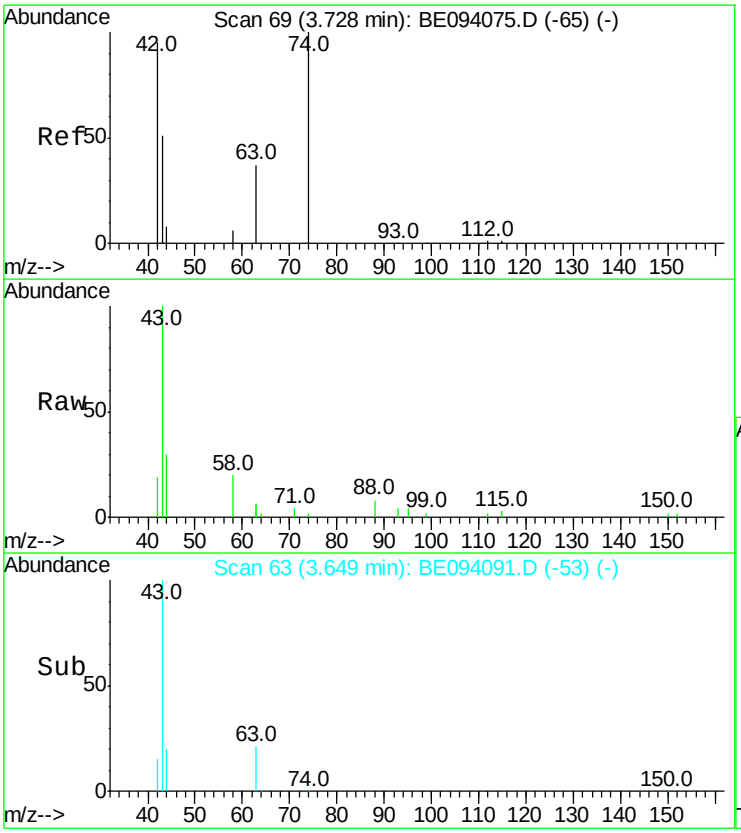
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2167

Ion	Ratio	Lower	Upper
152	100		
150	155.8	117.2	175.8
115	72.9	57.0	85.6

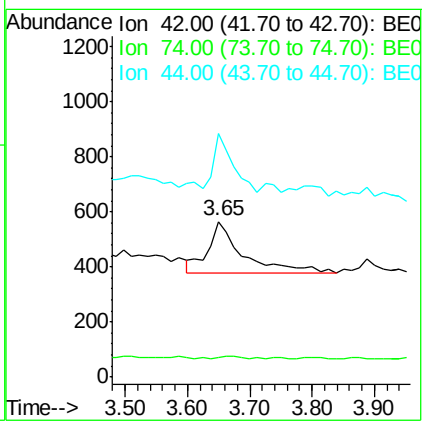


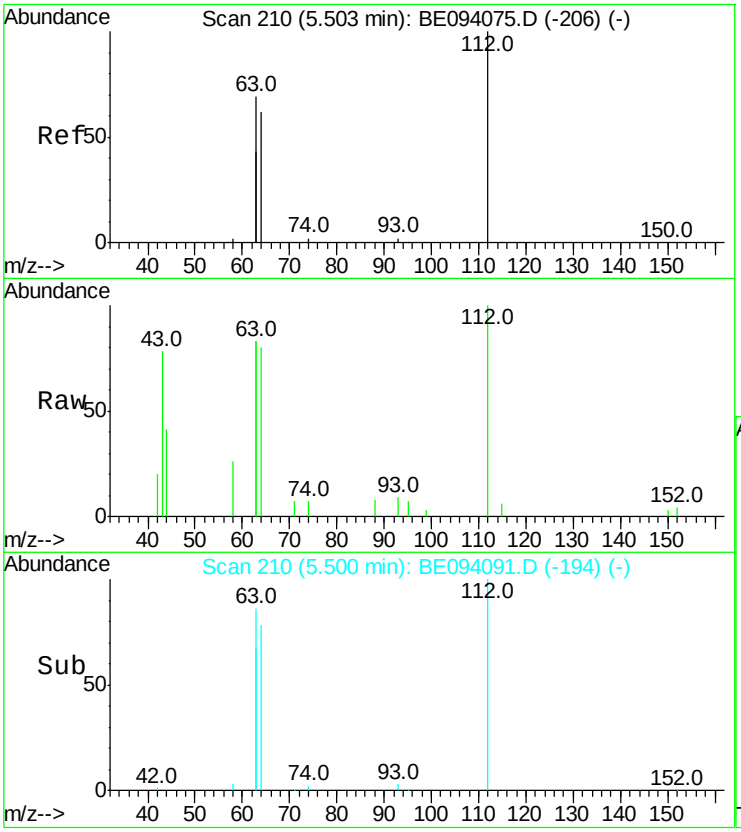


#3
n-Nitrosodimethylamine
Concen: 0.096 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.08 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion: 42 Resp: 719

Ion	Ratio	Lower	Upper
42	100		
74	3.6	100.3	150.5#
44	63.4	17.0	25.4#



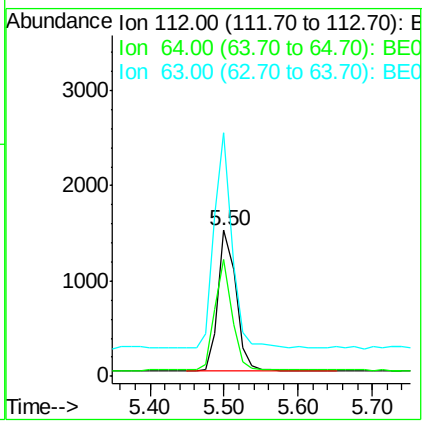


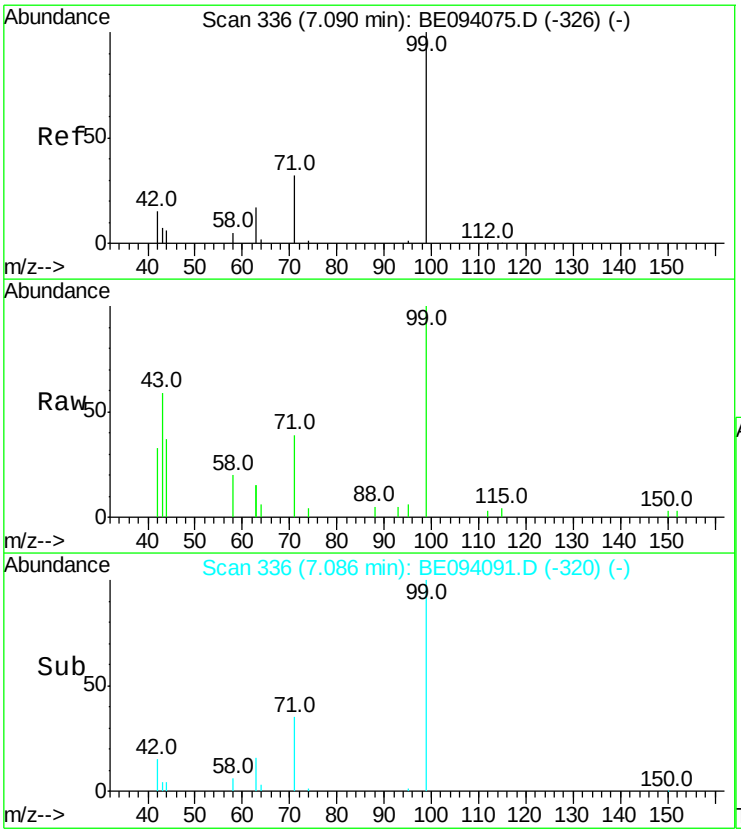
#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 2536

Ion	Ratio	Lower	Upper
112	100		
64	73.9	60.1	90.1
63	149.8	116.8	175.2

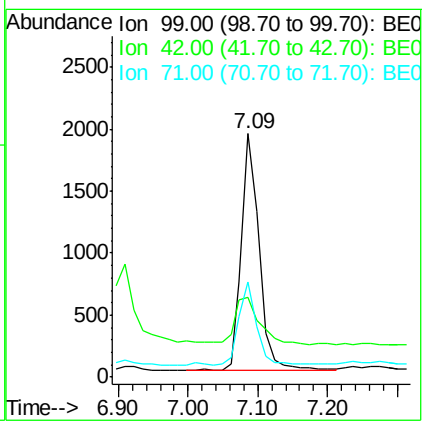


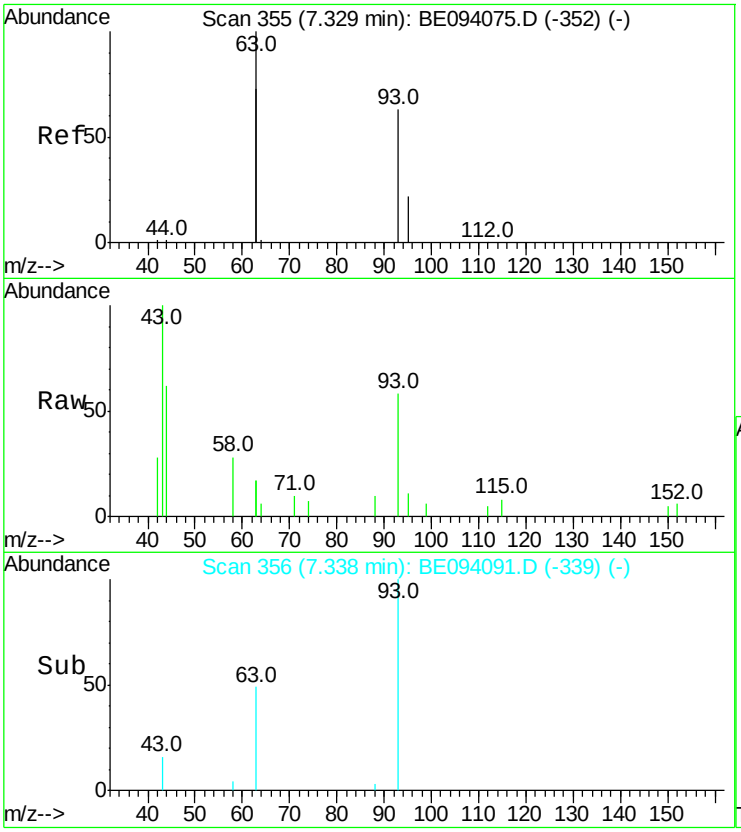


#5
Phenol-d6
Concen: 0.263 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion: 99 Resp: 3365

Ion	Ratio	Lower	Upper
99	100		
42	28.1	20.2	30.2
71	35.9	28.4	42.6



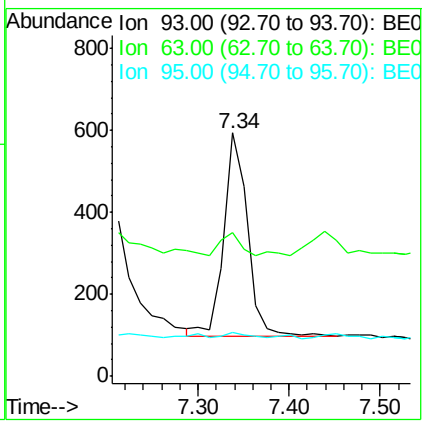


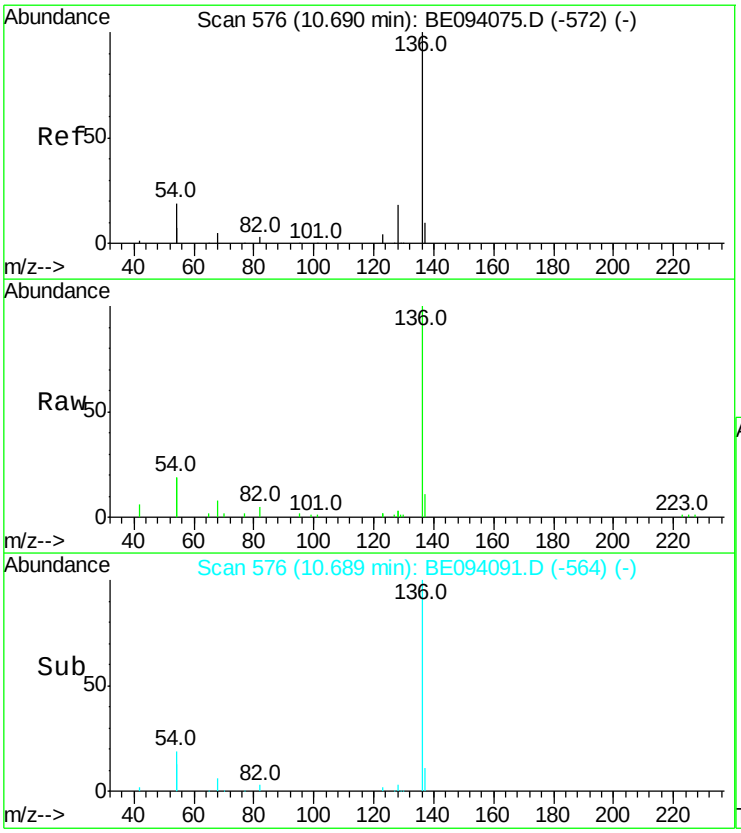
#6
bis(2-Chloroethyl)ether
Concen: 0.093 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.01 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 886

Ion	Ratio	Lower	Upper
93	100		
63	10.7	275.3	412.9#
95	2.5	25.2	37.8#

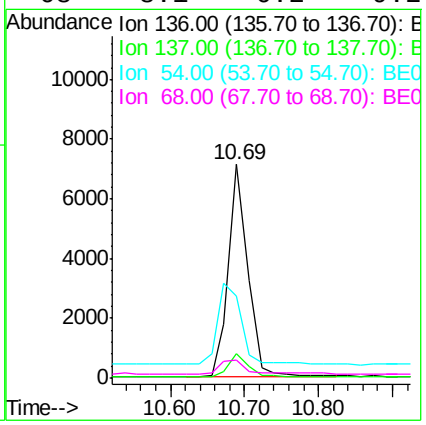


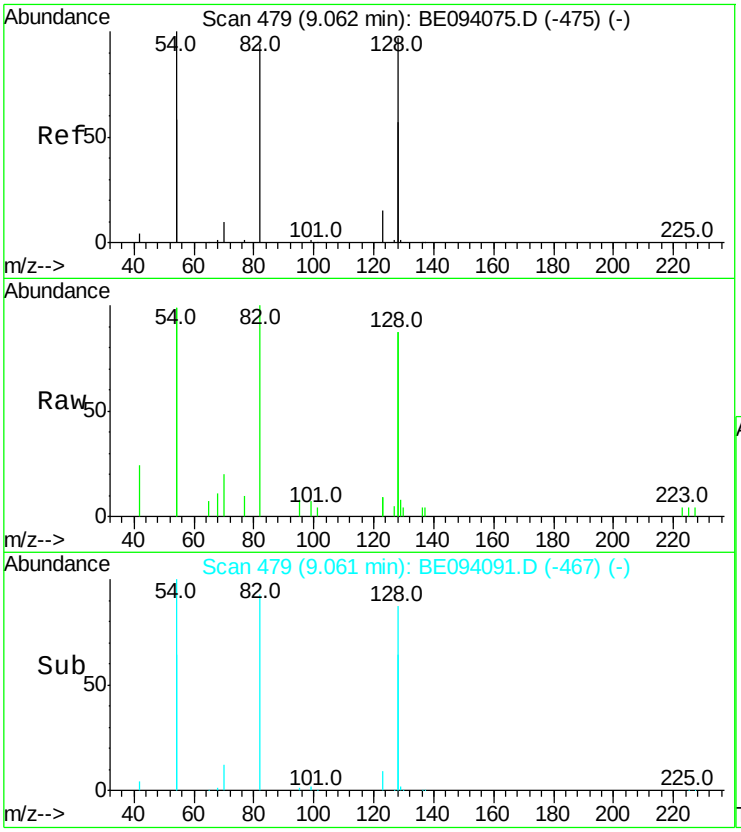


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:136 Resp: 12743

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	38.3	29.1	43.7
68	8.1	6.2	9.2



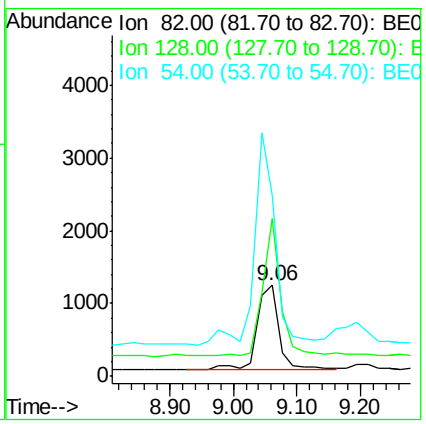


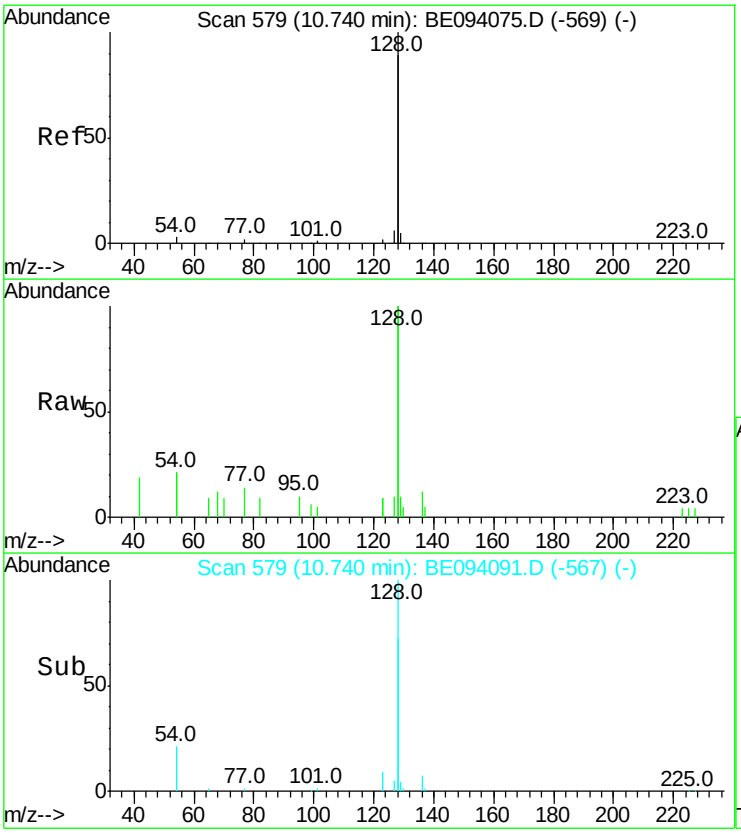
#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 2791

Ion	Ratio	Lower	Upper
82	100		
128	173.0	150.0	225.0
54	197.9	154.2	231.4

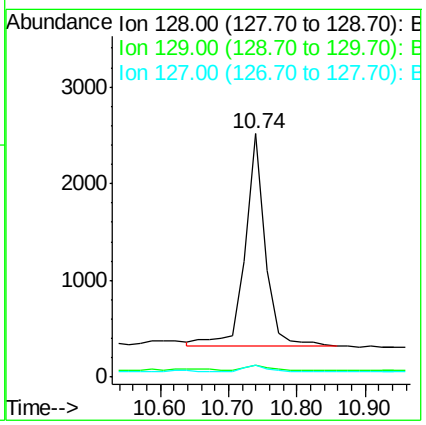


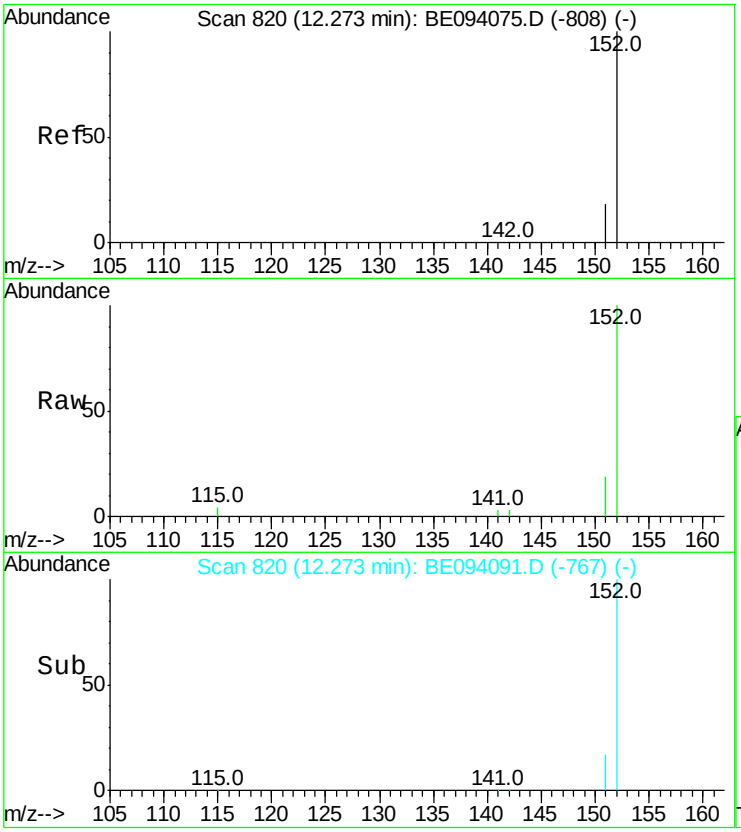


#9
Naphthalene
Concen: Below Cal
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:128 Resp: 4406

Ion	Ratio	Lower	Upper
128	100		
129	5.1	2.6	3.8#
127	5.0	2.8	4.2#



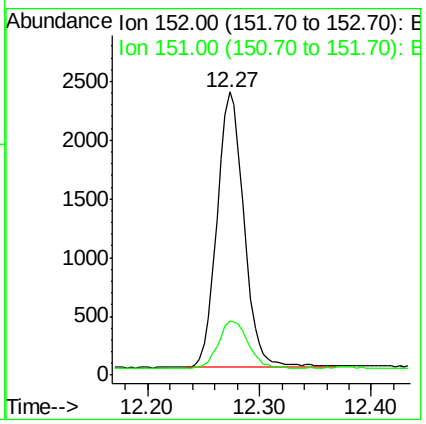


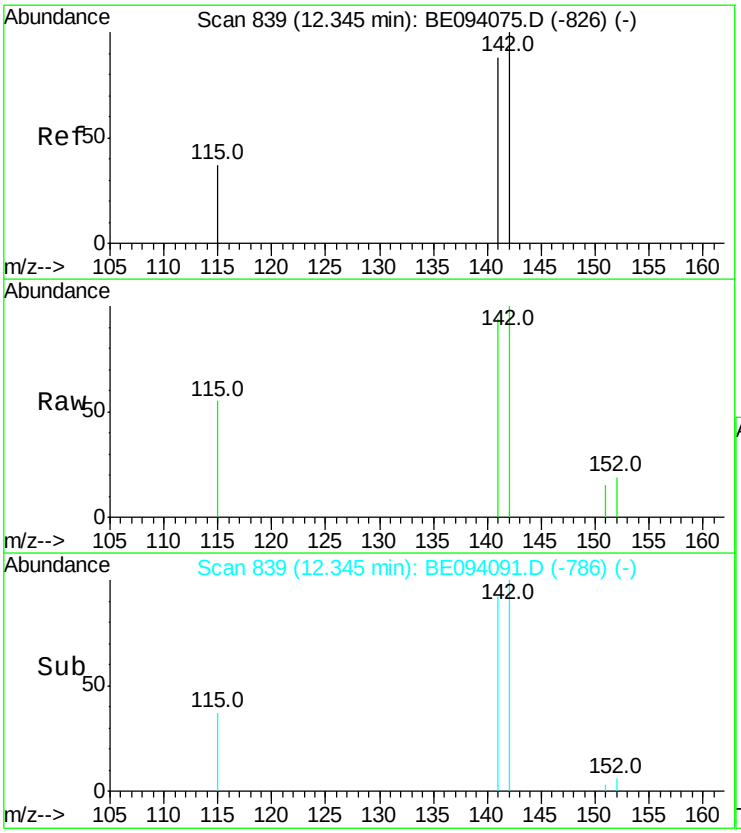
#11
2-Methylnaphthalene-d10
Concen: 0.183 ng
RT: 12.27 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3941

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

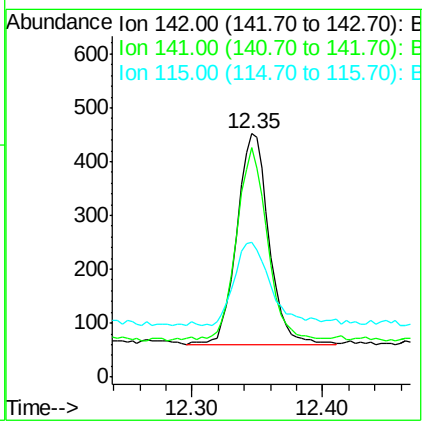


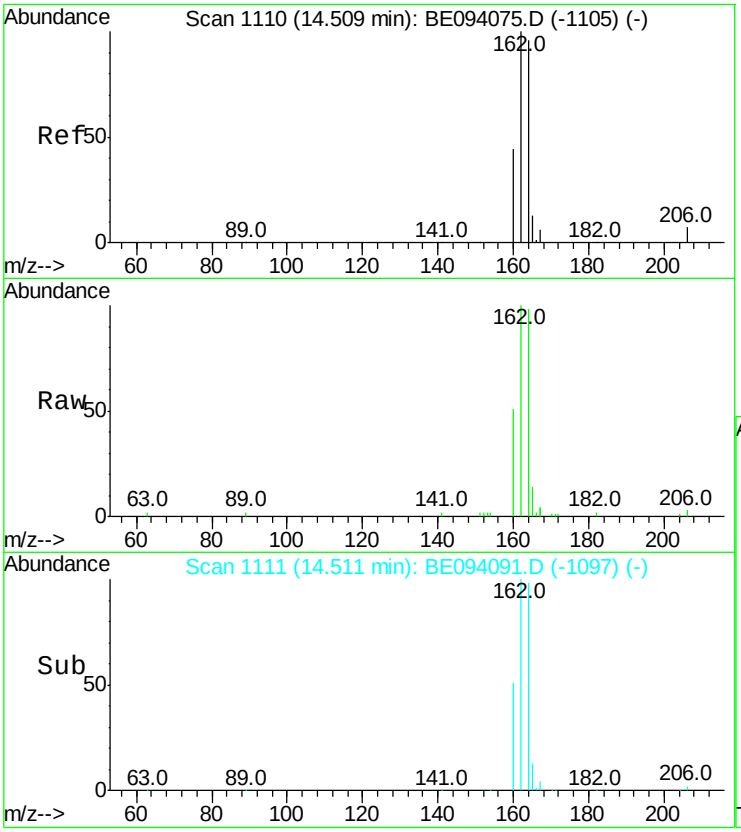


#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 12.35 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:142 Resp: 669

Ion	Ratio	Lower	Upper
142	100		
141	94.5	70.4	105.6
115	55.1	31.7	47.5#



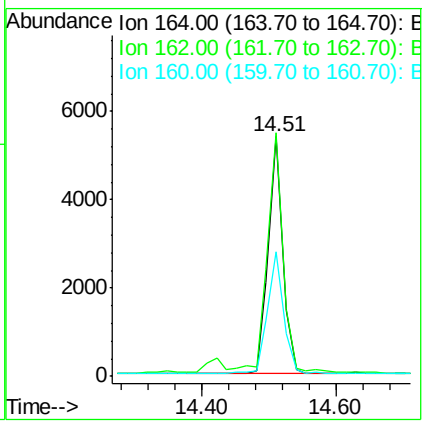


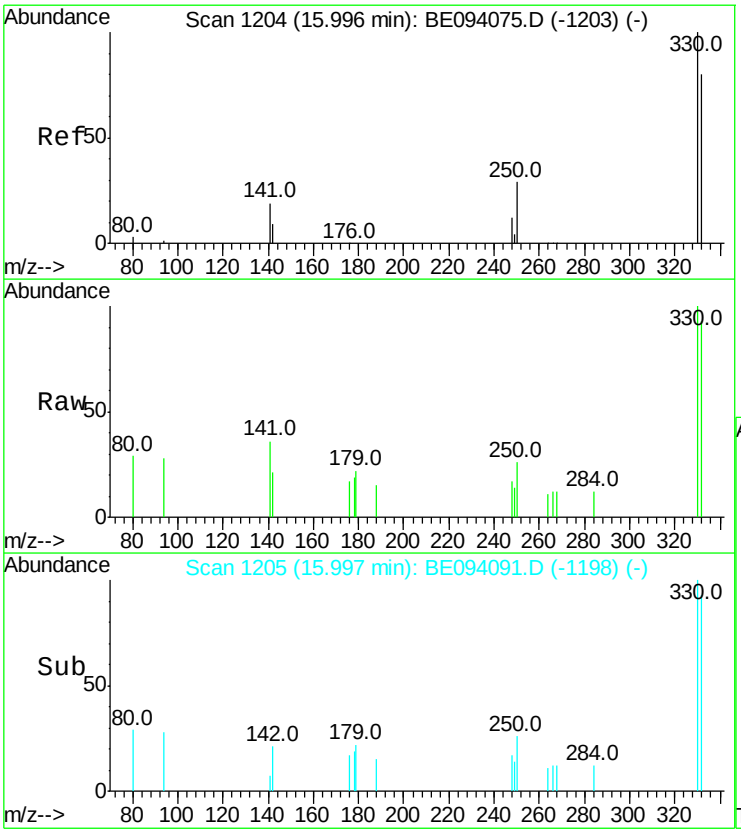
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8088

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.1	124.7
160	52.1	37.1	55.7

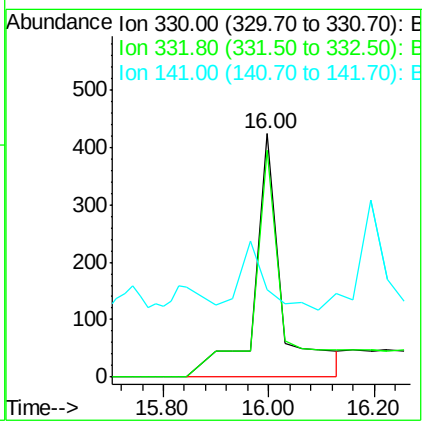


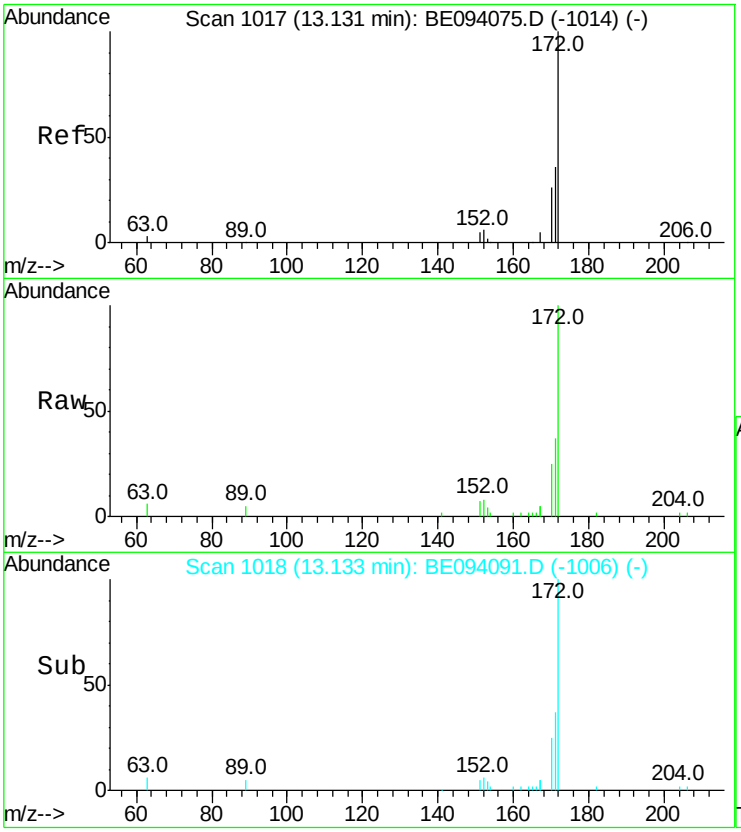


#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:330 Resp: 1623

Ion	Ratio	Lower	Upper
330	100		
332	96.9	152.7	229.1#
141	0.0	33.7	50.5#



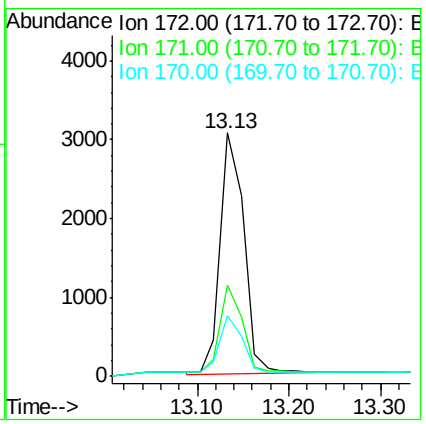


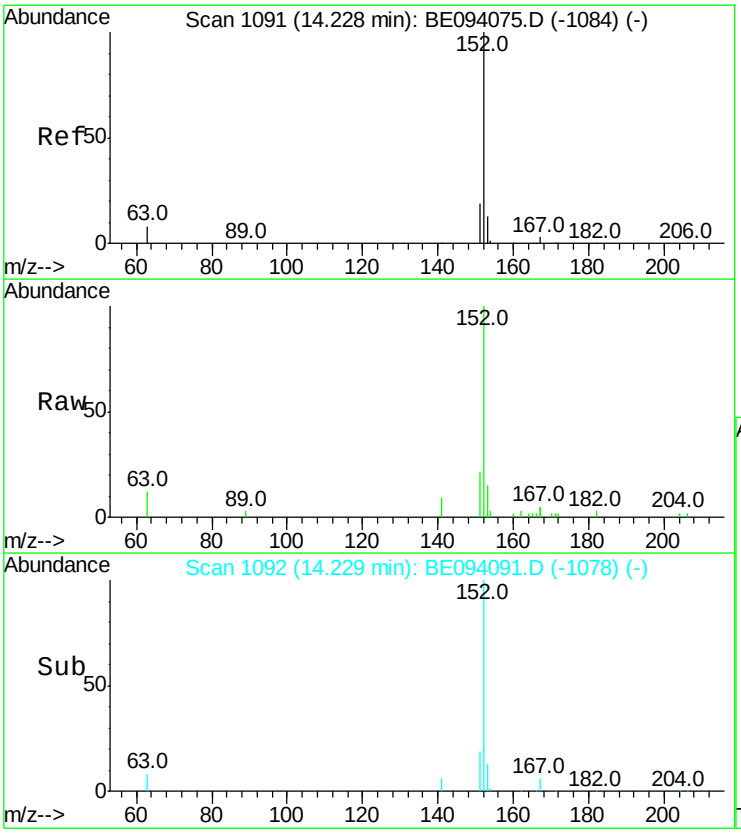
#15
2-Fluorobiphenyl
Concen: 0.208 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5530

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	25.0	21.8	32.8

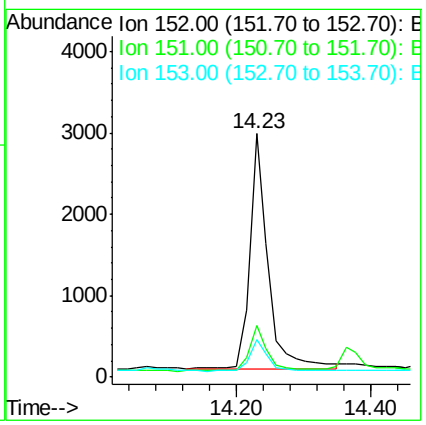


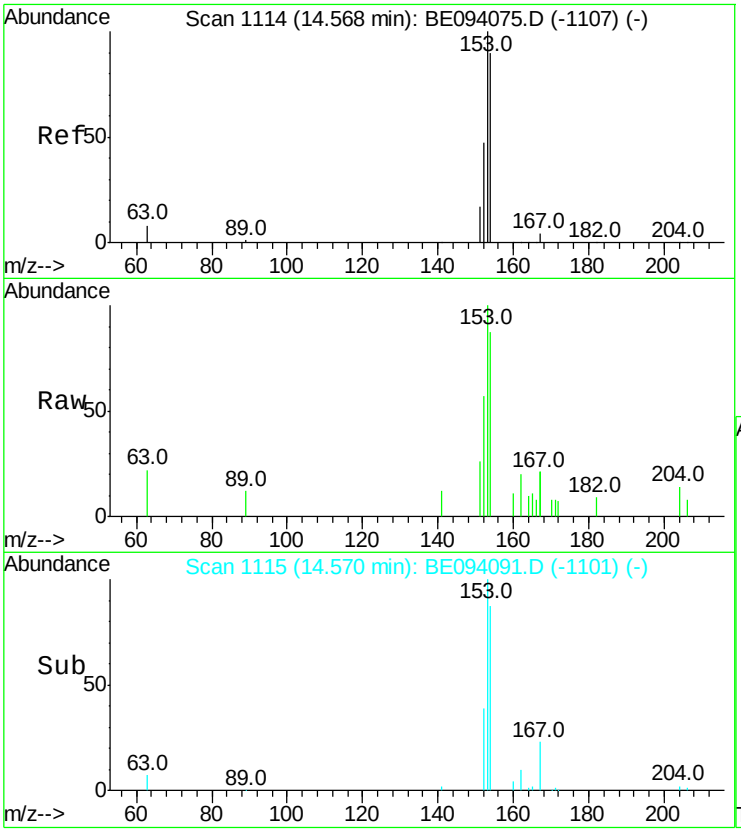


#16
Acenaphthylene
Concen: 0.134 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:152 Resp: 5436

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.3	10.5	15.7



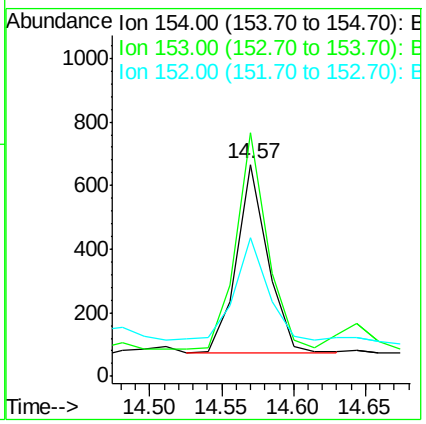


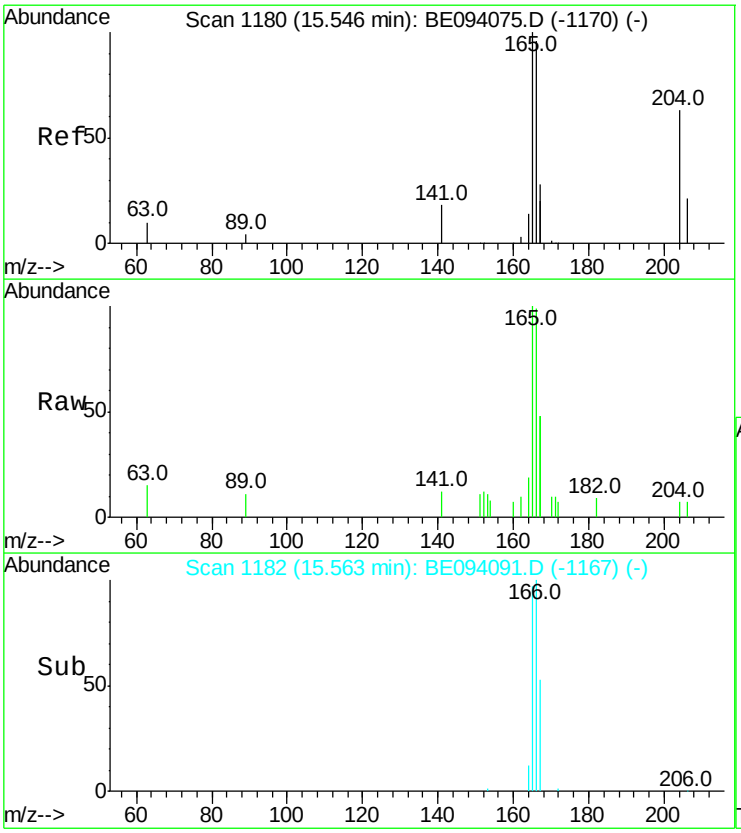
#17
Acenaphthene
Concen: 0.033 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 901

Ion	Ratio	Lower	Upper
154	100		
153	118.9	89.2	133.8
152	58.2	42.0	63.0

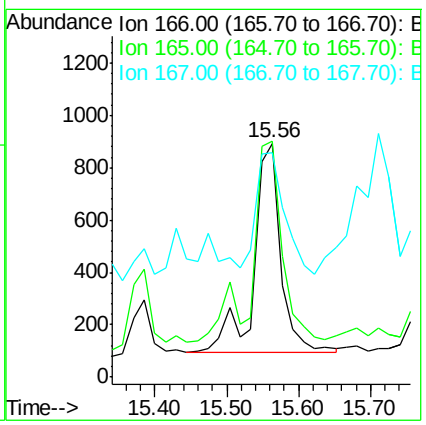


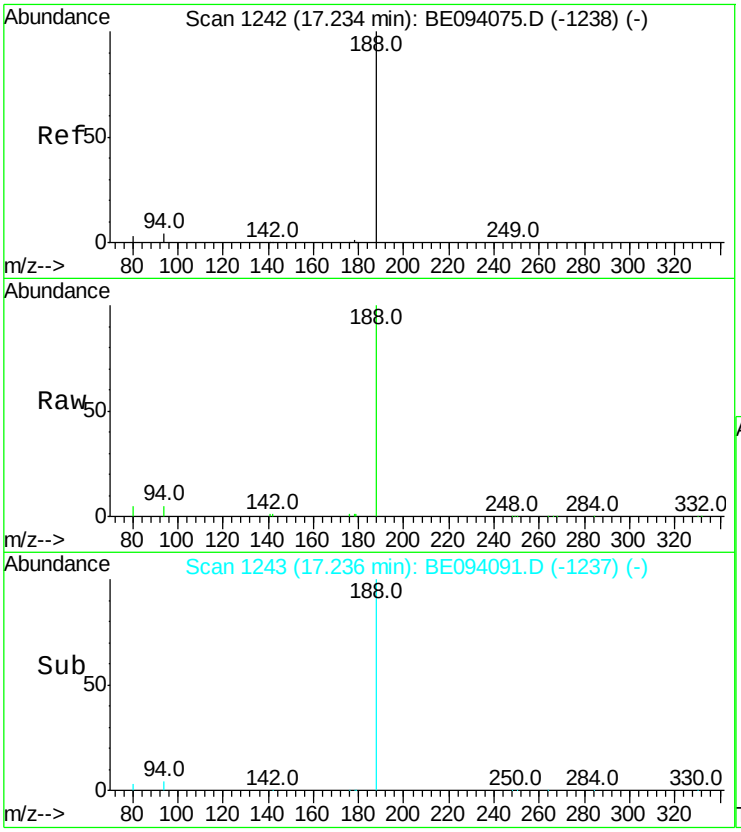


#18
Fluorene
Concen: 0.052 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.02 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:166 Resp: 2098

Ion	Ratio	Lower	Upper
166	100		
165	108.2	77.8	116.6
167	60.7	42.4	63.6



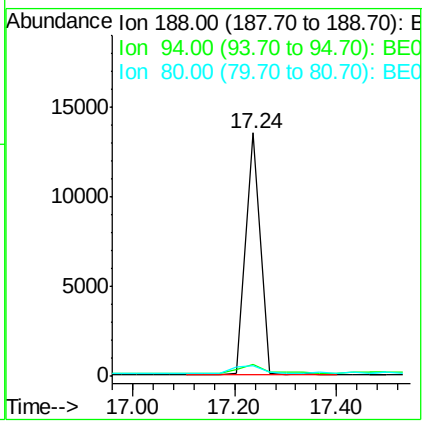


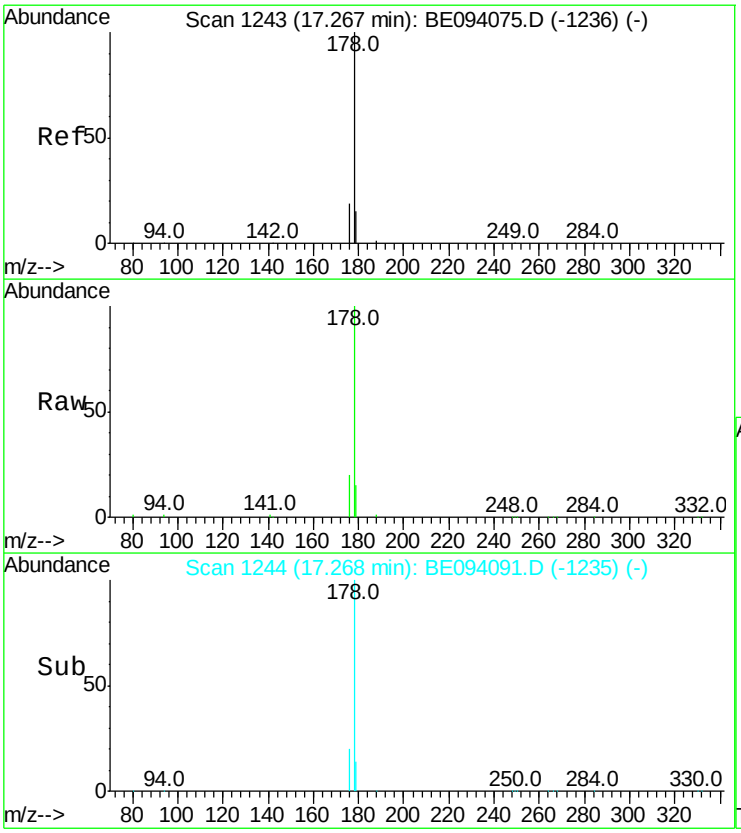
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 27080

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.9	5.9
80	4.5	3.6	5.4

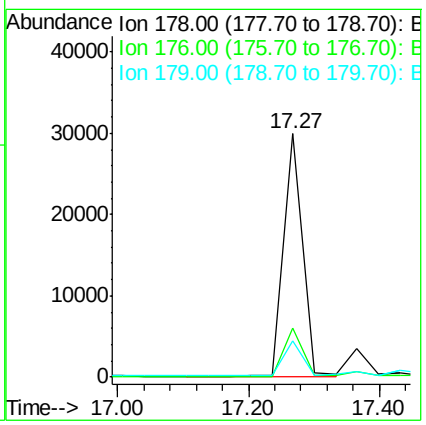


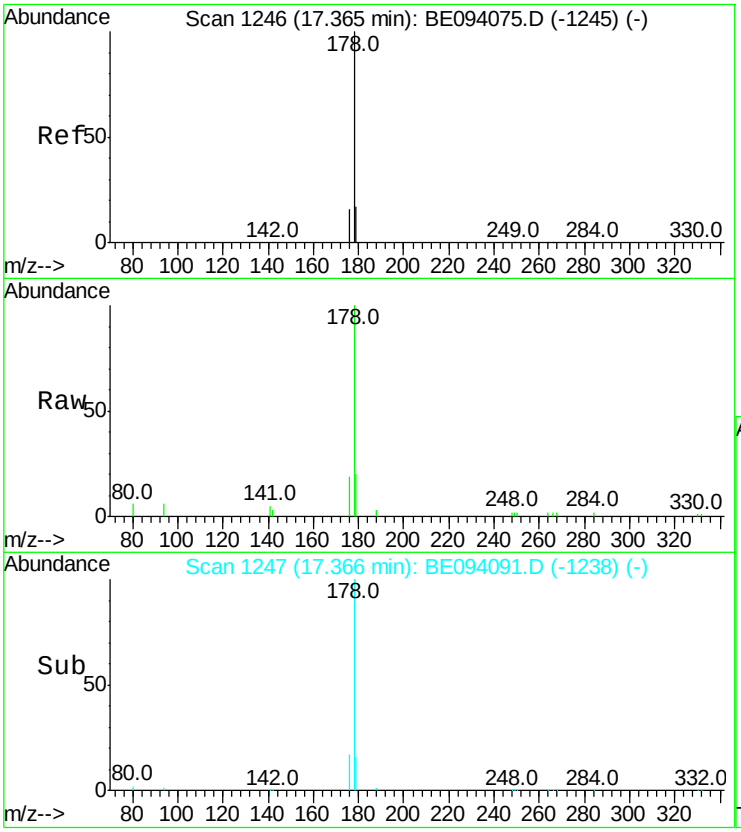


#23
Phenanthrene
Concen: 0.615 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:178 Resp: 59663

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	15.5	11.8	17.6



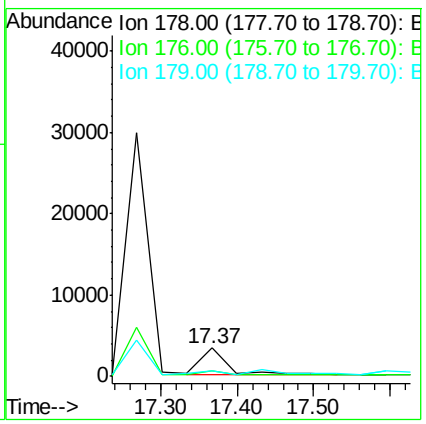


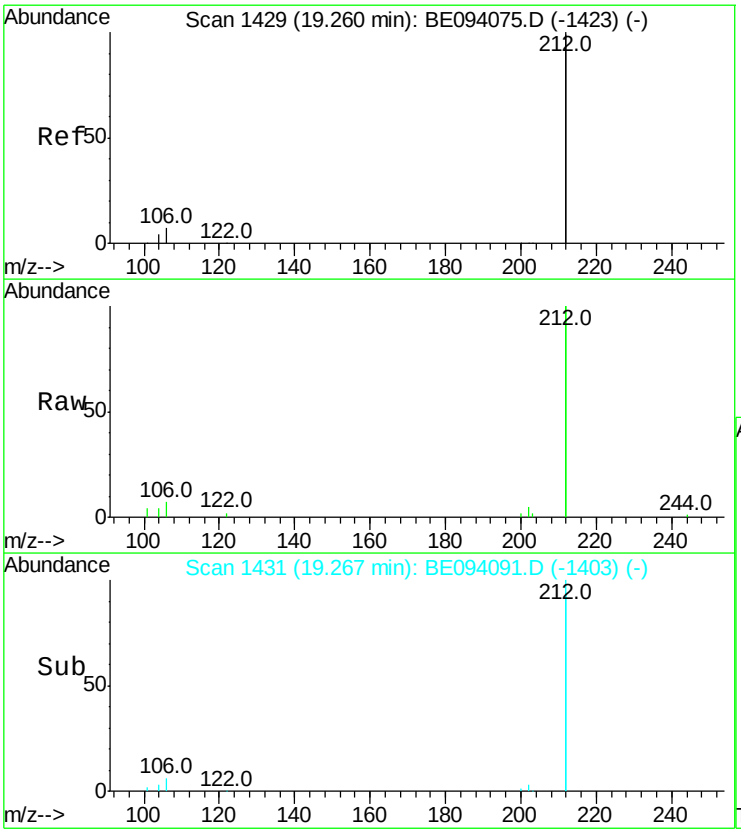
#24
Anthracene
Concen: 0.103 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7698

Ion	Ratio	Lower	Upper
178	100		
176	17.0	12.8	19.2
179	12.5	13.0	19.6#

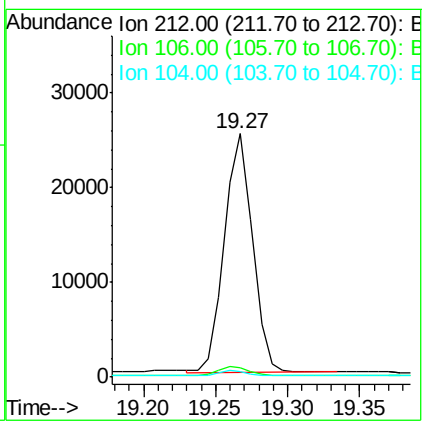


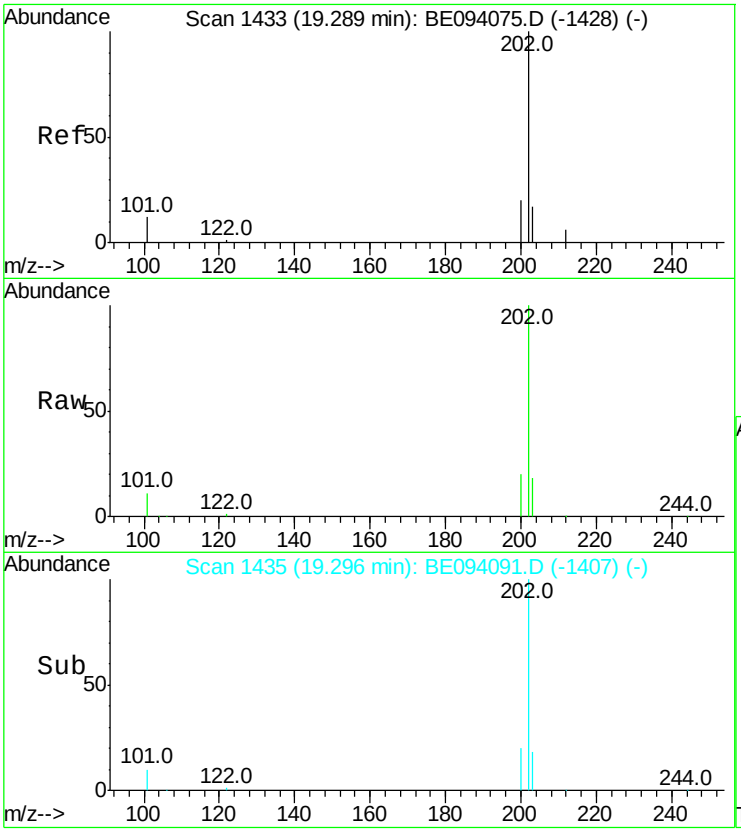


#25
Fluoranthene-d10
Concen: 0.099 ng
RT: 19.27 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:212 Resp: 34326

Ion	Ratio	Lower	Upper
212	100		
106	3.8	2.8	4.2
104	2.2	1.6	2.4



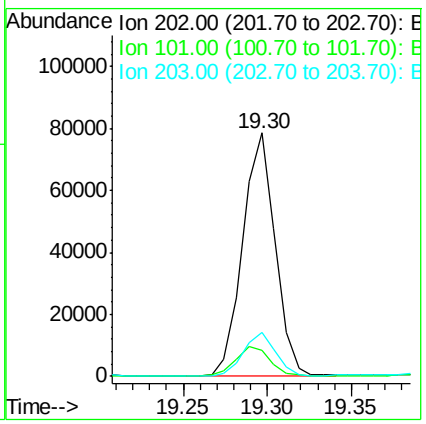


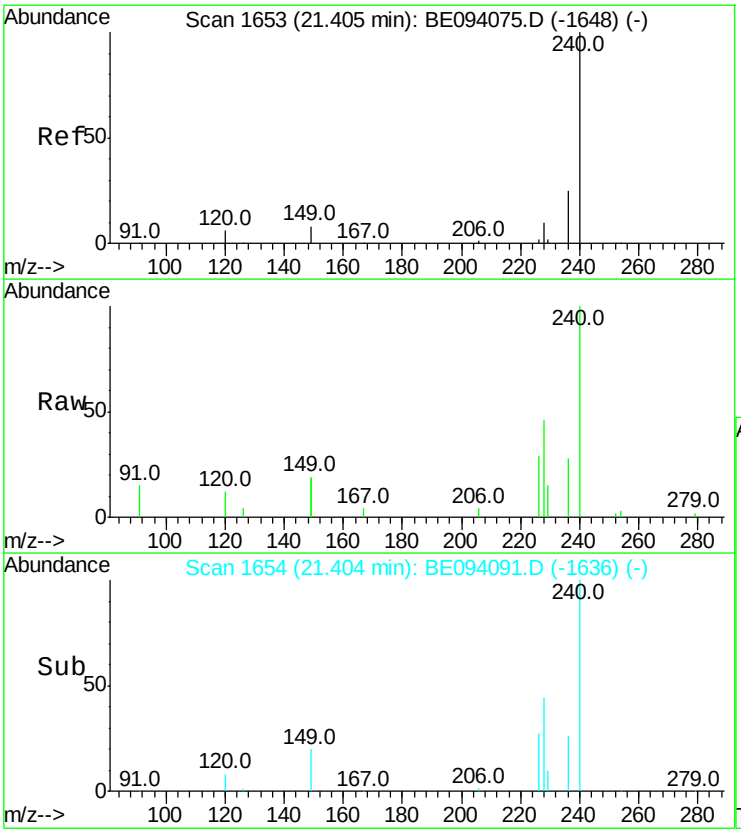
#26
Fluoranthene
Concen: 1.009 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 105012

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.8
203	17.5	13.7	20.5

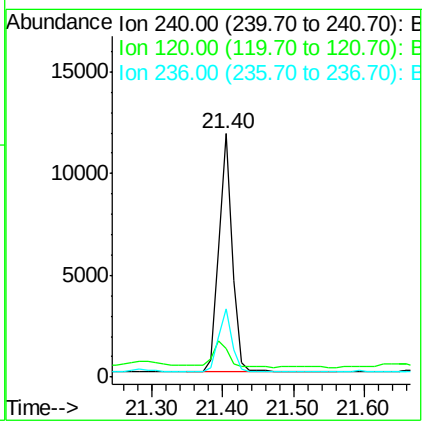


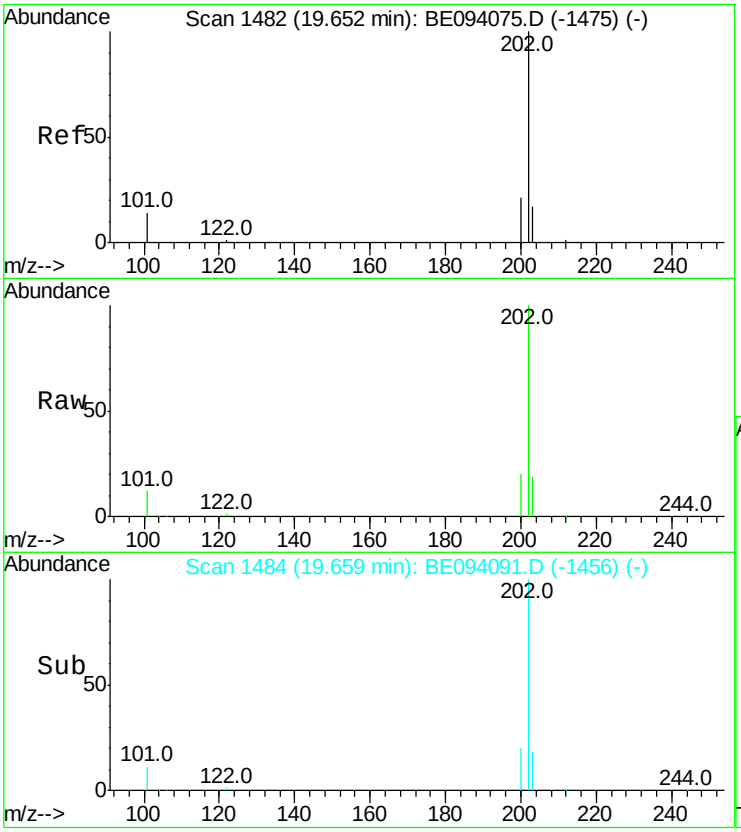


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:240 Resp: 15931

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.5	8.3#
236	28.1	20.7	31.1



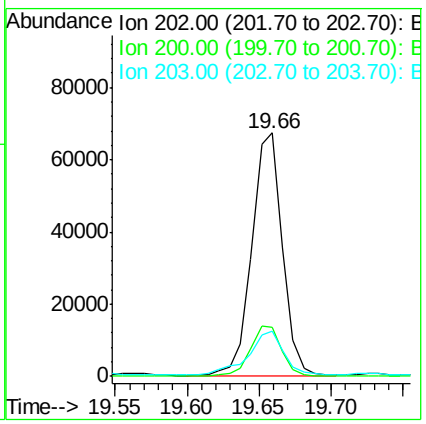


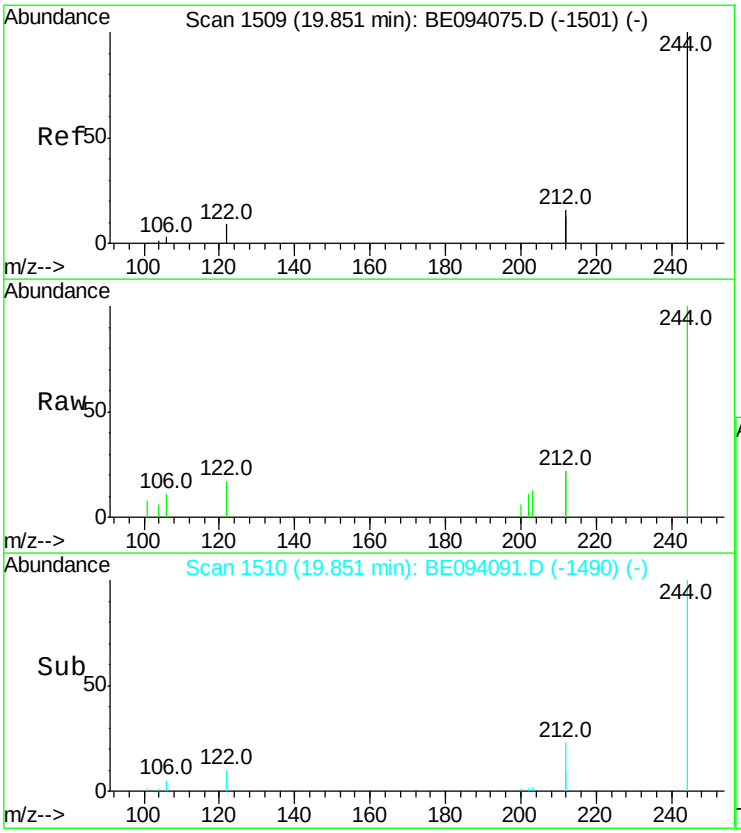
#28
Pyrene
Concen: 2.250 ng
RT: 19.66 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 99195

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	21.3	13.8	20.8#

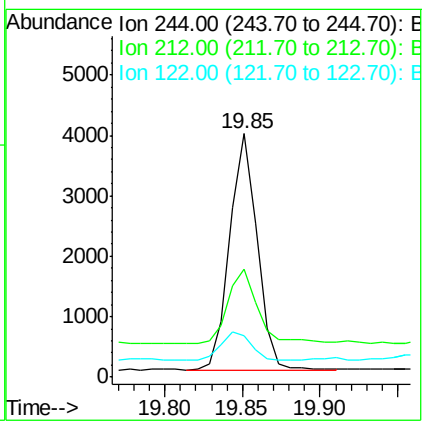


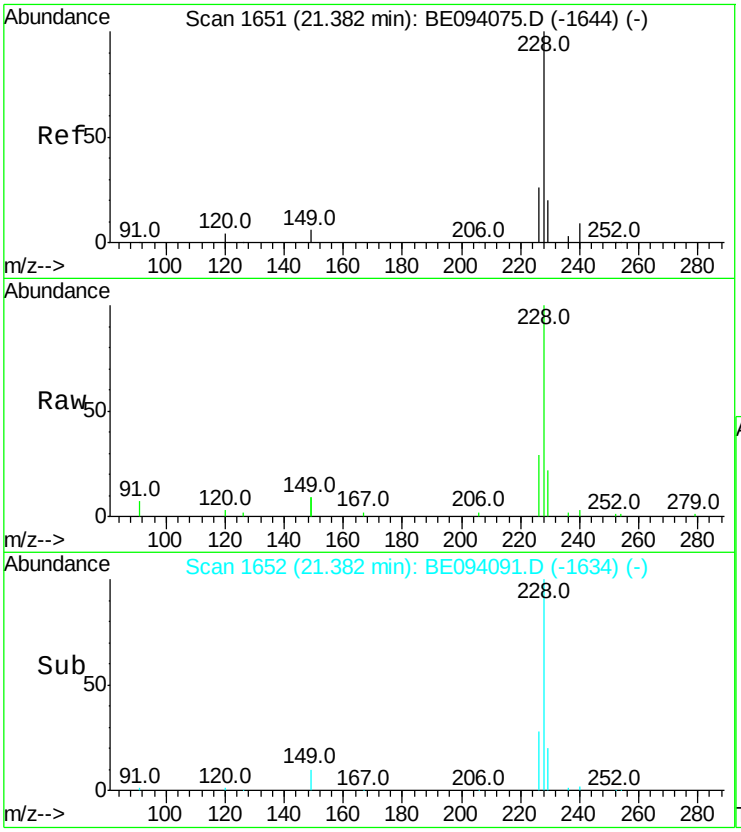


#29
Terphenyl-d14
Concen: 0.193 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:244 Resp: 4816

Ion	Ratio	Lower	Upper
244	100		
212	44.6	25.4	38.0#
122	16.9	8.1	12.1#



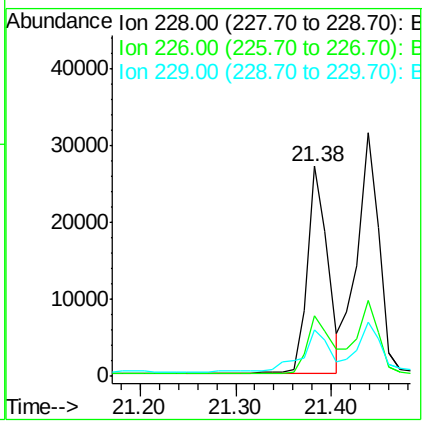


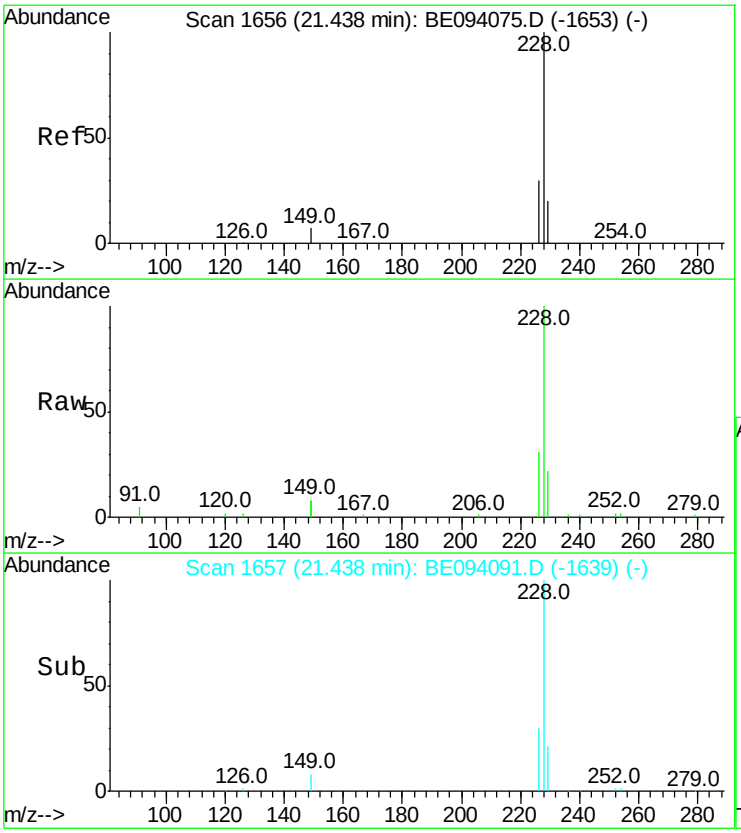
#30
Benzo(a)anthracene
Concen: 0.755 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 40264

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.4	32.0
229	22.1	16.4	24.6

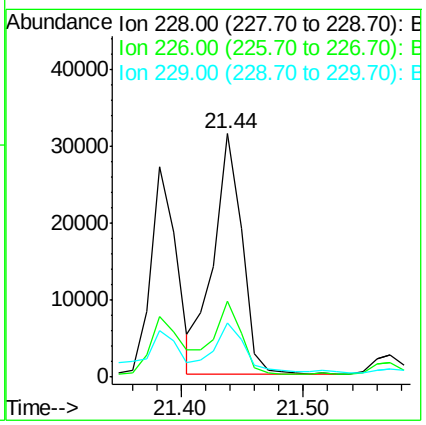


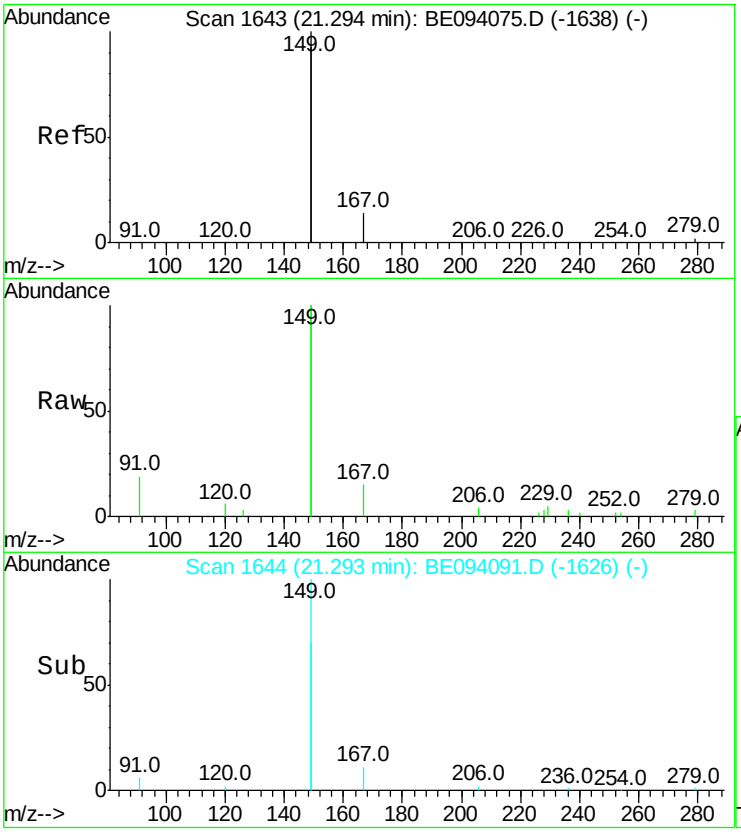


#31
Chrysene
Concen: 0.955 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:228 Resp: 49951

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.6	35.4
229	22.2	16.4	24.6



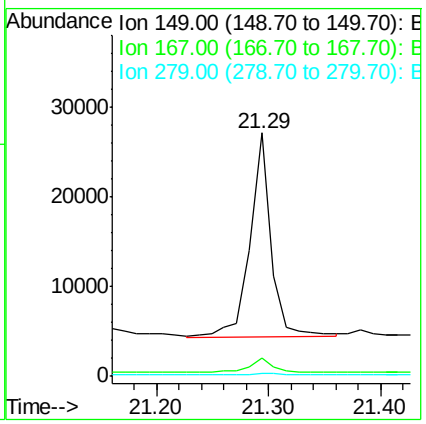


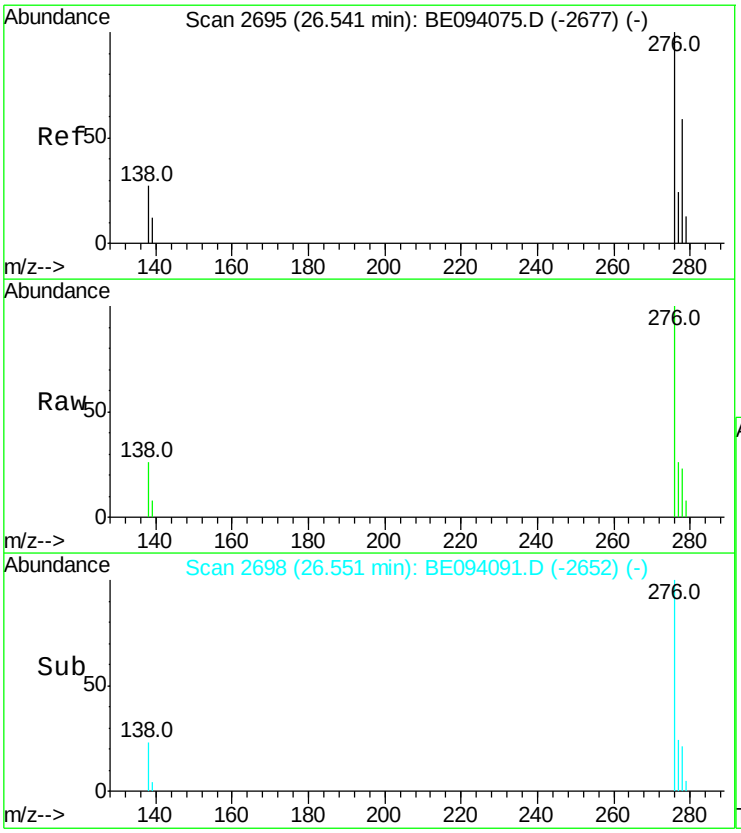
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.209 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 29902

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.4	8.0
279	0.9	0.7	1.1

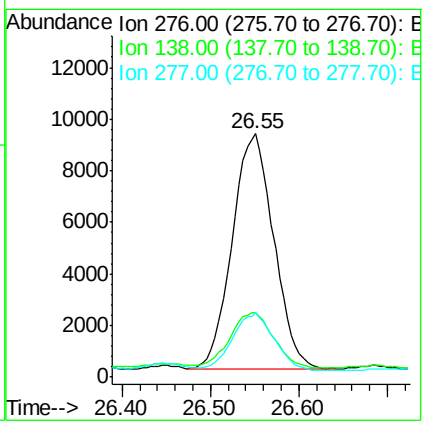


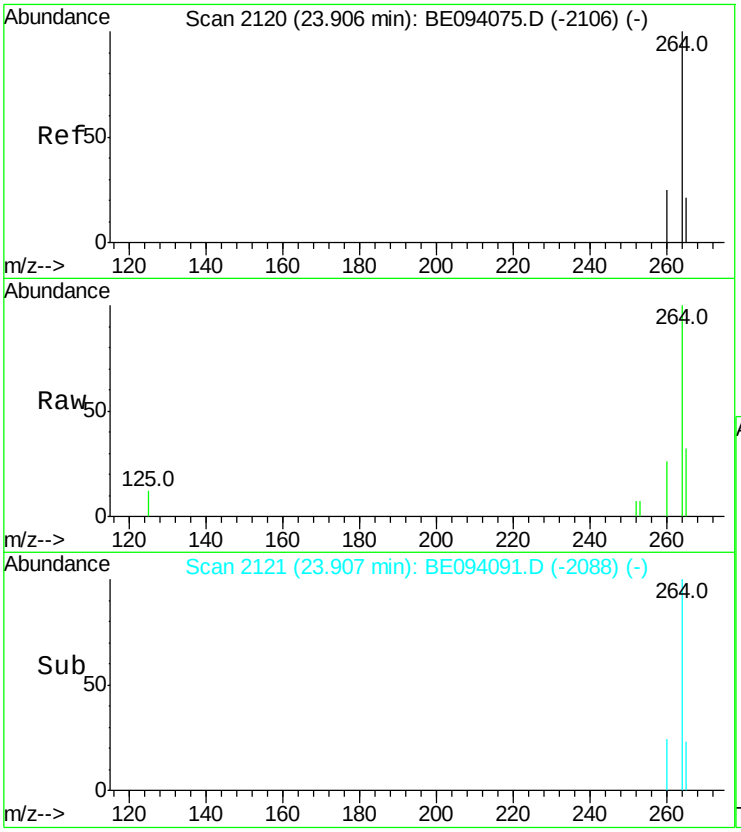


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.739 ng
RT: 26.55 min Scan# 2698
Delta R.T. 0.01 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:276 Resp: 29869

Ion	Ratio	Lower	Upper
276	100		
138	24.8	22.5	33.7
277	24.8	19.9	29.9



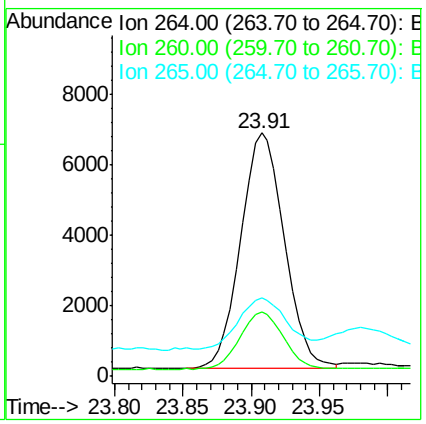


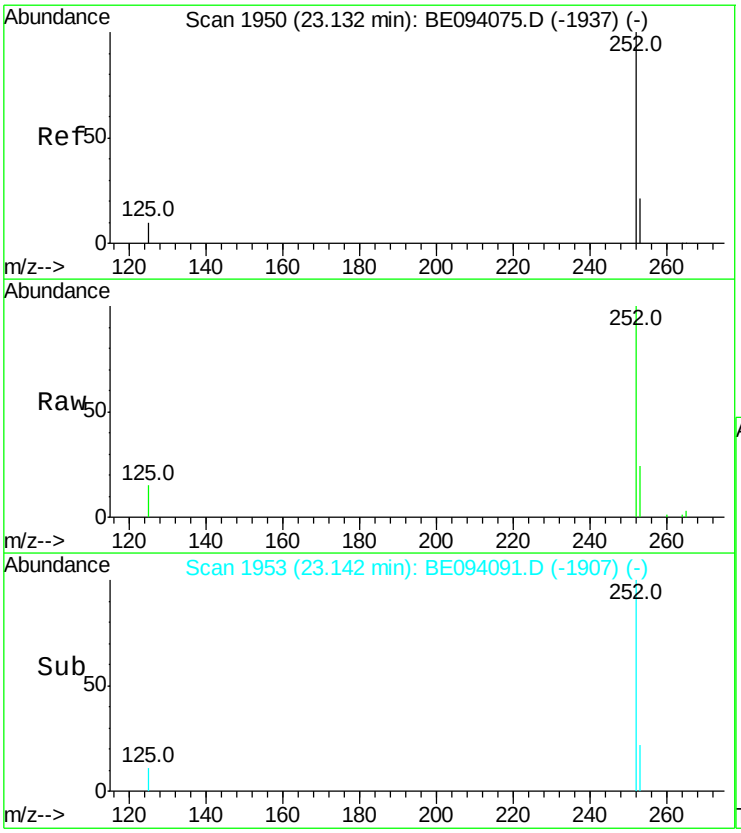
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 14795

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	32.4	22.8	34.2

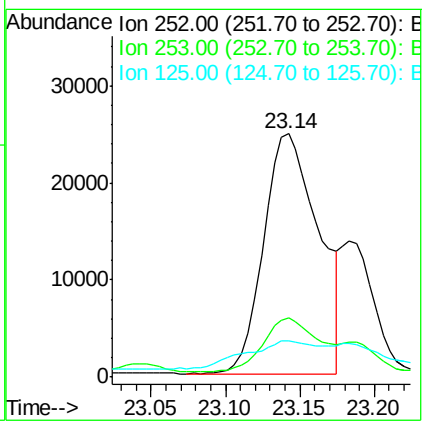


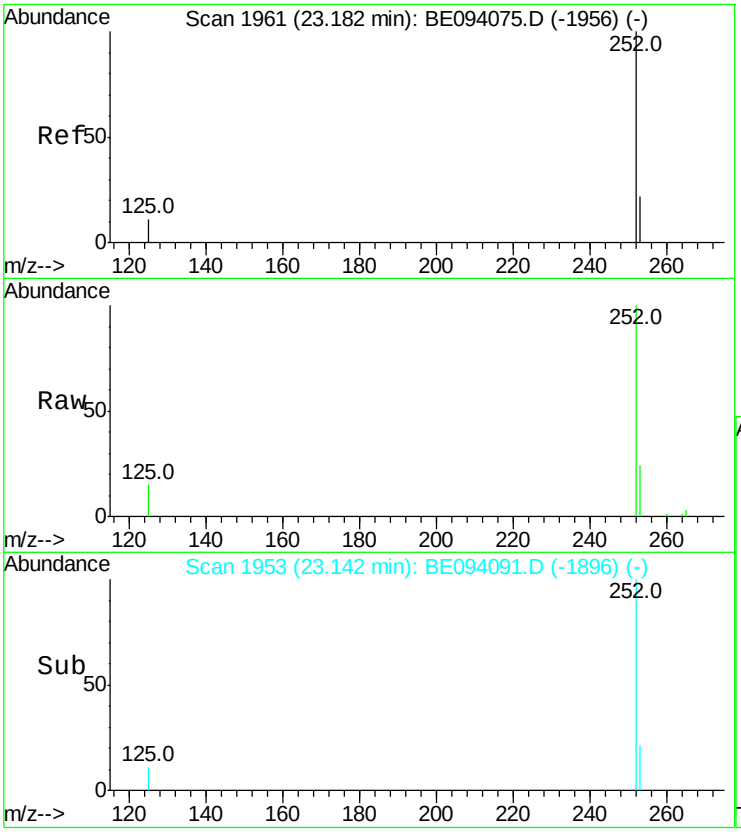


#35
Benzo(b)fluoranthene
Concen: 1.183 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:252 Resp: 63341

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	14.7	10.1	15.1



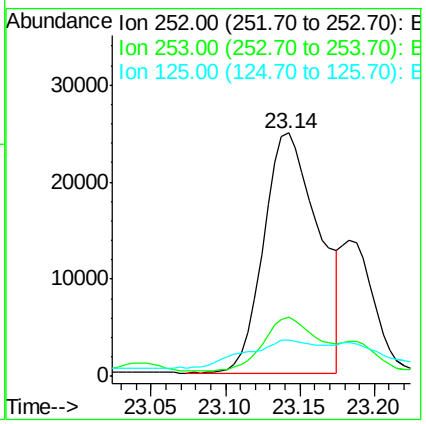


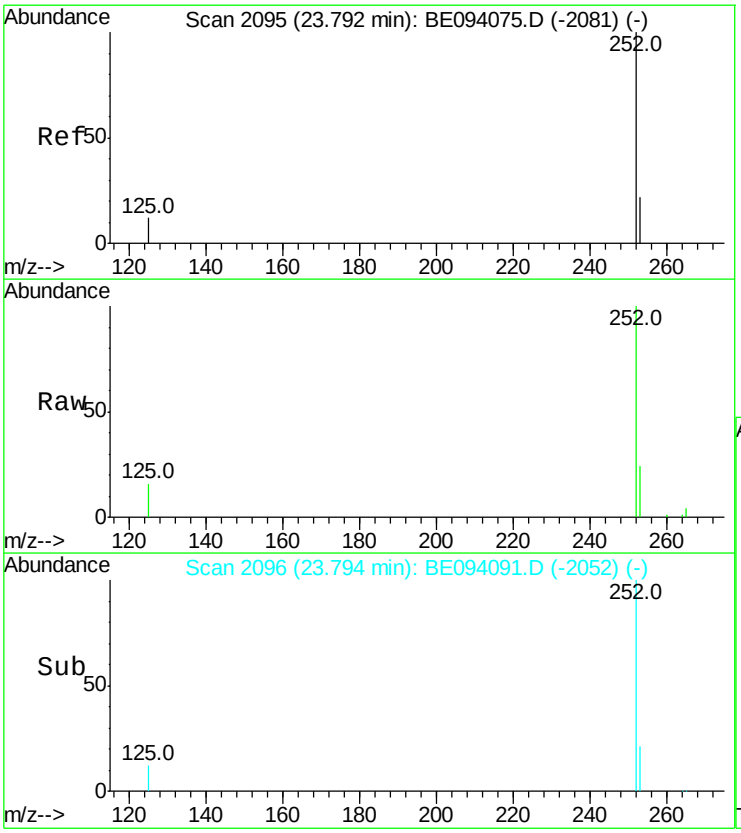
#36
Benzo(k)fluoranthene
Concen: 1.179 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 63341

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.6	27.8
125	14.7	10.7	16.1

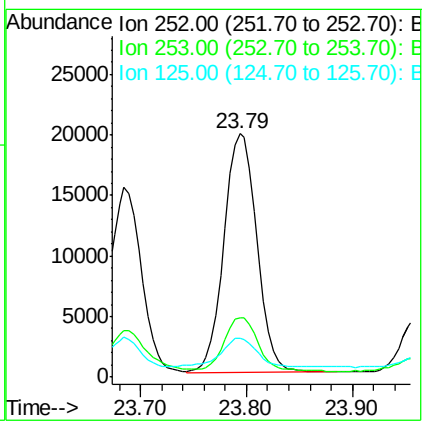


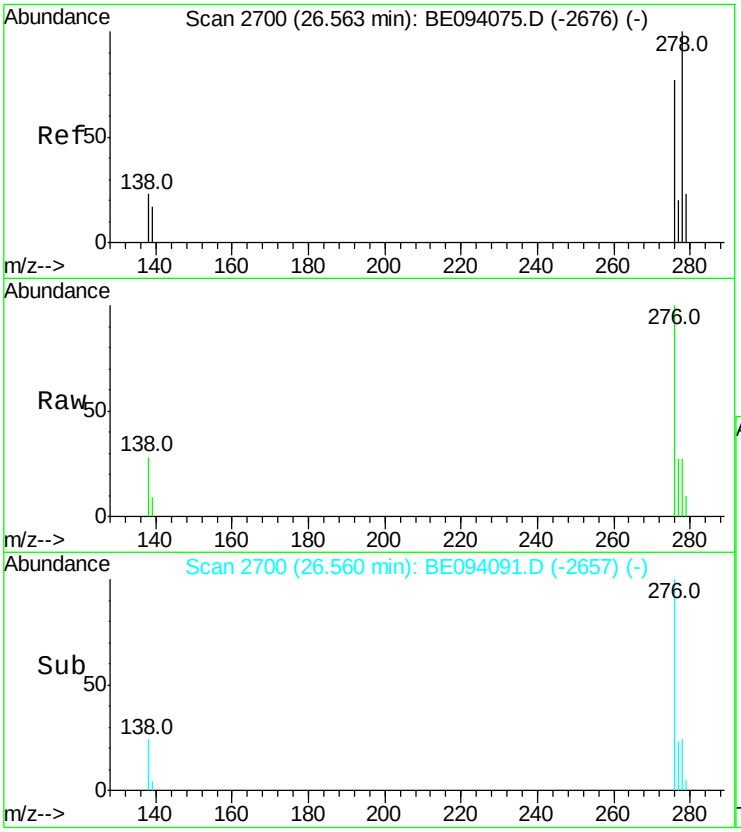


#37
Benzo(a)pyrene
Concen: 0.887 ng
RT: 23.79 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:252 Resp: 42659

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.0	28.6
125	16.1	11.8	17.8



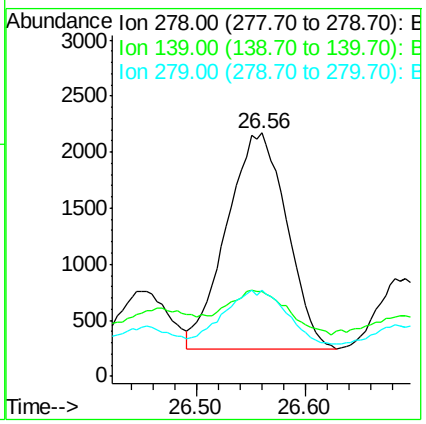


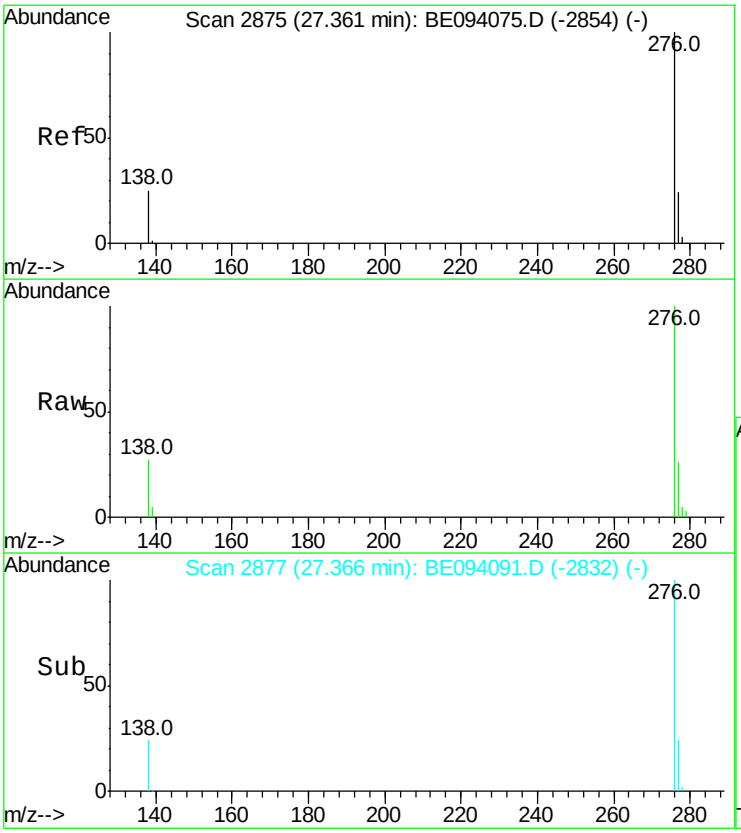
#38
Dibenzo(a,h)anthracene
Concen: 0.192 ng
RT: 26.56 min Scan# 2700
Delta R.T. -0.00 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 7407

Ion	Ratio	Lower	Upper
278	100		
139	34.9	16.3	24.5#
279	35.4	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.803 ng
RT: 27.37 min Scan# 2877
Delta R.T. 0.01 min
Lab File: BE094091.D
Acq: 23 Sep 2017 23:13

Tgt Ion:276 Resp: 30885

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.8	31.2
138	27.3	21.5	32.3