Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094097.D
Acq On : 24 Sep 2017 2:57
Operator : SJ/JU
Sample : I5340-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 25 08:50:56 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	2709	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	14531	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	8302	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	22152	0.40	ng		0.00
27) Chrysene-d12	21.40	240	15025	0.40	ng		0.00
34) Perylene-d12	23.91	264	14594	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	2908	0.09	ng		0.00
5) Phenol-d6	7.09	99	4505	0.28	ng		0.00
8) Nitrobenzene-d5	9.06	82	4117	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	6043	0.25	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	1836	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	8347	0.31	ng		0.00
25) Fluoranthene-d10	19.27	212	37679	0.13	ng		0.00
29) Terphenyl-d14	19.85	244	5466	0.23	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.65	42	726	0.066	ng	#	1
6) bis(2-Chloroethyl)ether	7.34	93	1572	0.131	ng	#	1
9) Naphthalene	10.74	128	6196	Below Cal		#	96
12) 2-Methylnaphthalene	12.35	142	832	0.028	ng	#	84
16) Acenaphthylene	14.23	152	6377	0.153	ng		98
17) Acenaphthene	14.57	154	1564	0.056	ng		95
18) Fluorene	15.56	166	2637	0.064	ng		87
22) Pentachlorophenol	16.91	266	92	0.031	ng		96
23) Phenanthrene	17.27	178	68599	0.865	ng		97
24) Anthracene	17.37	178	11323	0.185	ng	#	95
26) Fluoranthene	19.30	202	121613	1.428	ng		99
28) Pyrene	19.66	202	117269	2.821	ng	#	95
30) Benzo(a)anthracene	21.38	228	55416	1.101	ng		96
31) Chrysene	21.44	228	59552	1.208	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	29656	0.219	ng		99
33) Indeno(1,2,3-cd)pyrene	26.56	276	36151	0.948	ng		96
35) Benzo(b)fluoranthene	23.14	252	77813	1.473	ng		96
36) Benzo(k)fluoranthene	23.14	252	77813	1.468	ng		98
37) Benzo(a)pyrene	23.80	252	54735	1.154	ng		98
38) Dibenzo(a,h)anthracene	26.56	278	9275	0.244	ng	#	76
39) Benzo(g,h,i)perylene	27.38	276	36569	0.963	ng		99

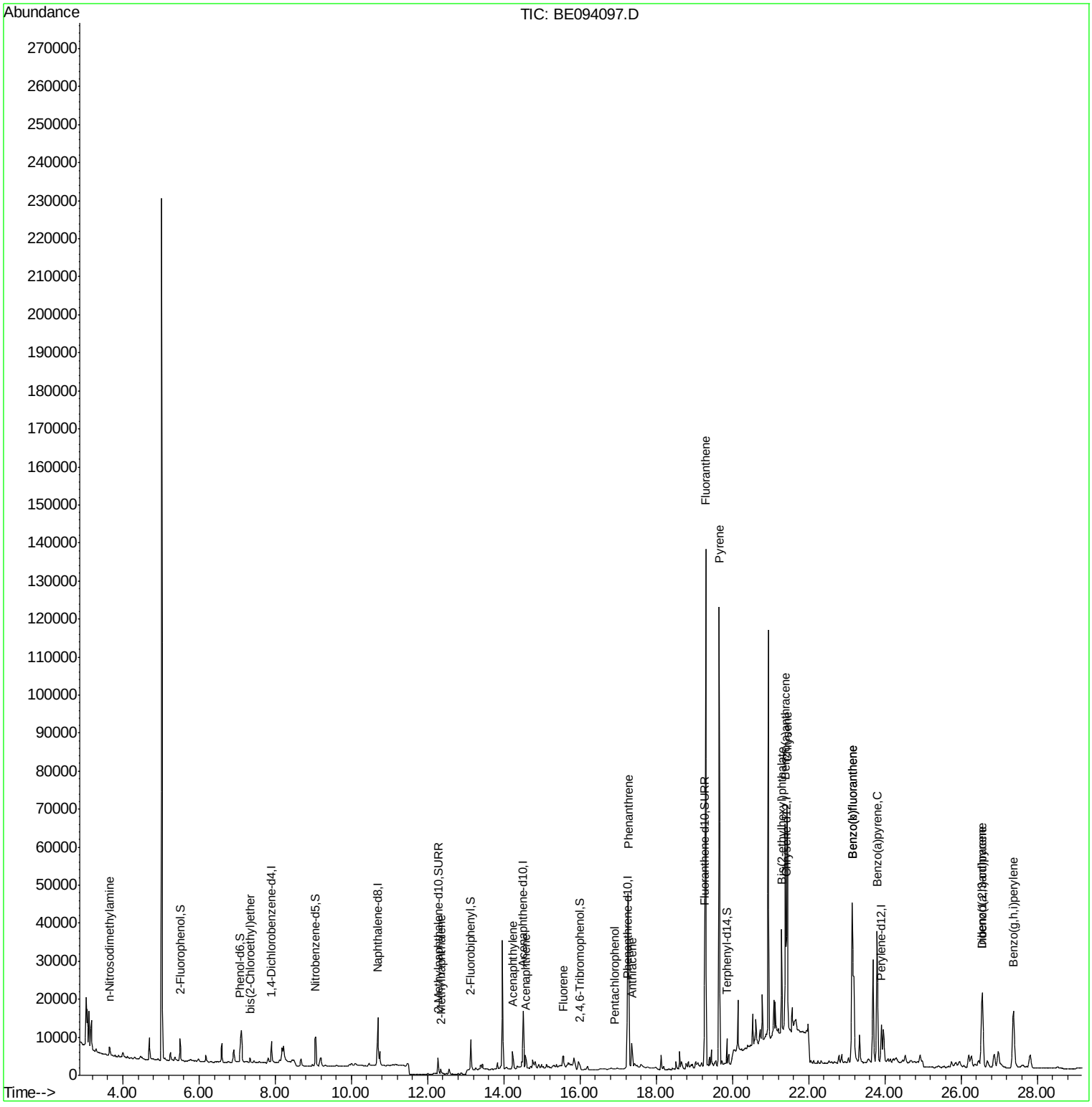
(#) = qualifier out of range (m) = manual integration (+) = signals summed

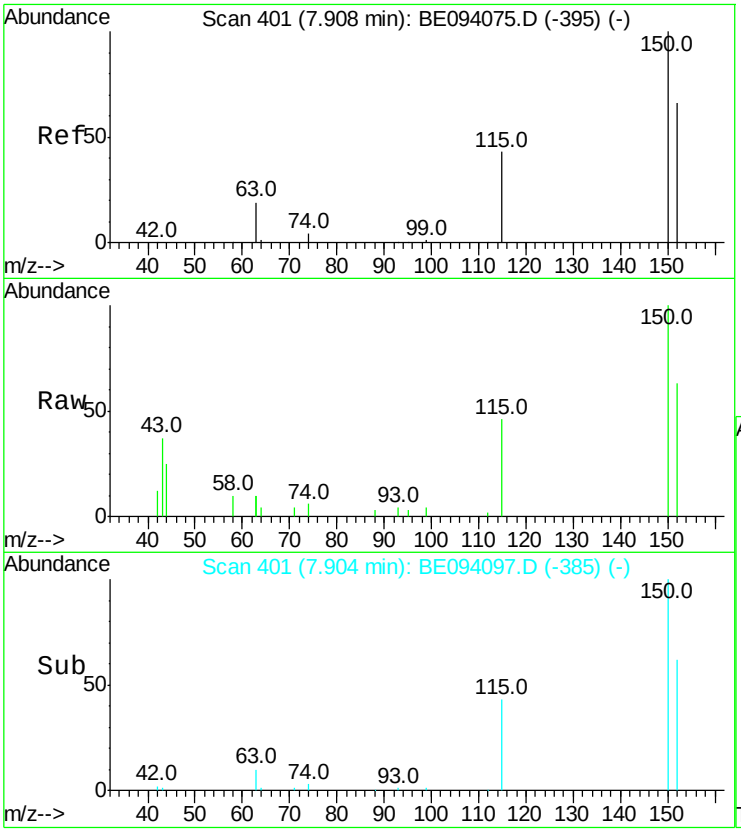
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094097.D
Acq On : 24 Sep 2017 2:57
Operator : SJ/JU
Sample : I5340-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 25 08:50:56 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



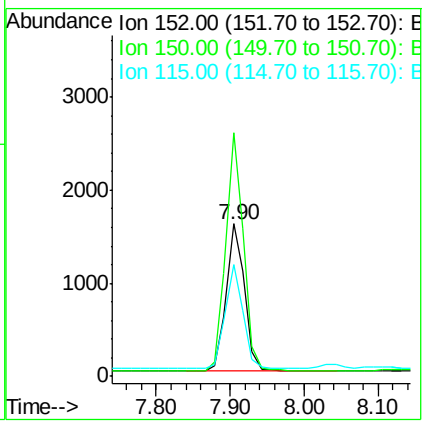


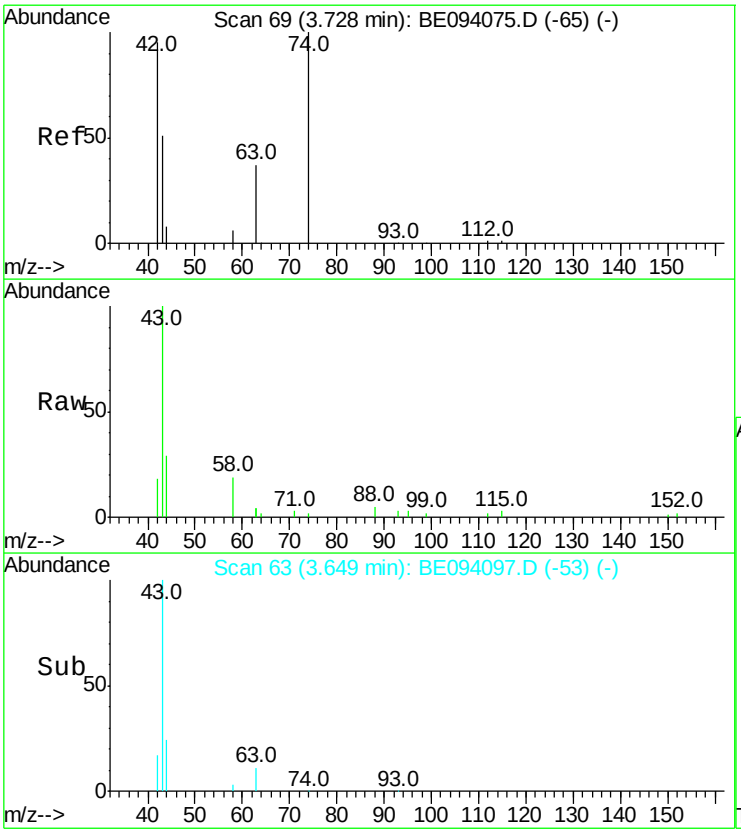
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2709

Ion	Ratio	Lower	Upper
152	100		
150	159.5	117.2	175.8
115	73.0	57.0	85.6

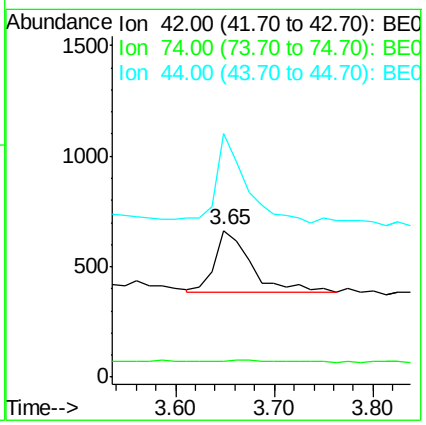


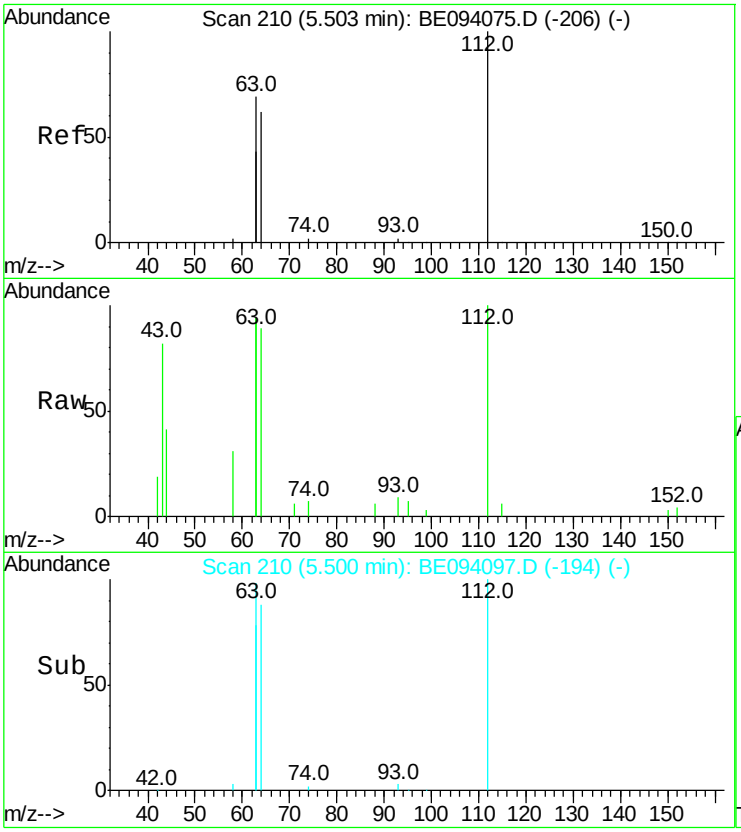


#3
n-Nitrosodimethylamine
Concen: 0.066 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.08 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion: 42 Resp: 726

Ion	Ratio	Lower	Upper
42	100		
74	0.0	100.3	150.5#
44	117.2	17.0	25.4#



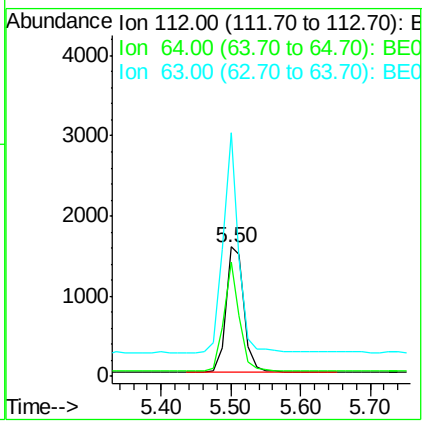


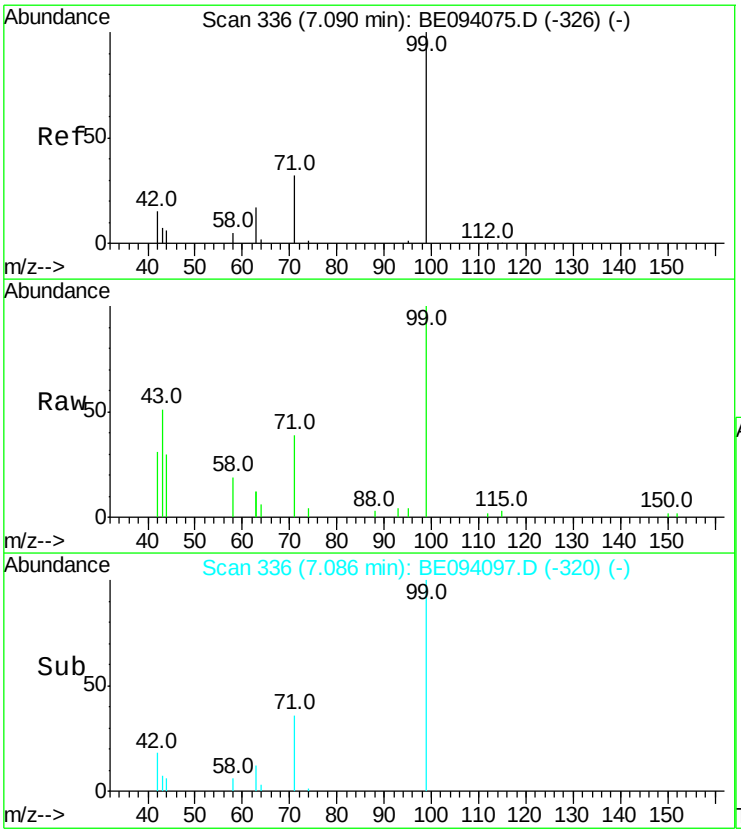
#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 2908

Ion	Ratio	Lower	Upper
112	100		
64	72.9	60.1	90.1
63	147.9	116.8	175.2

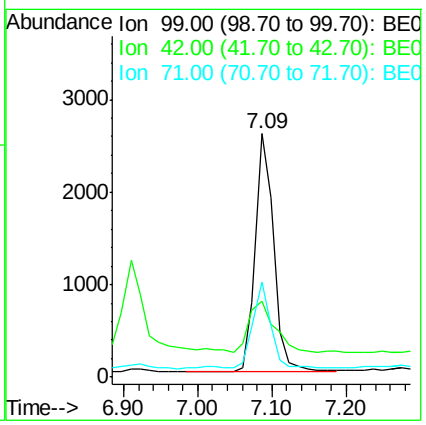


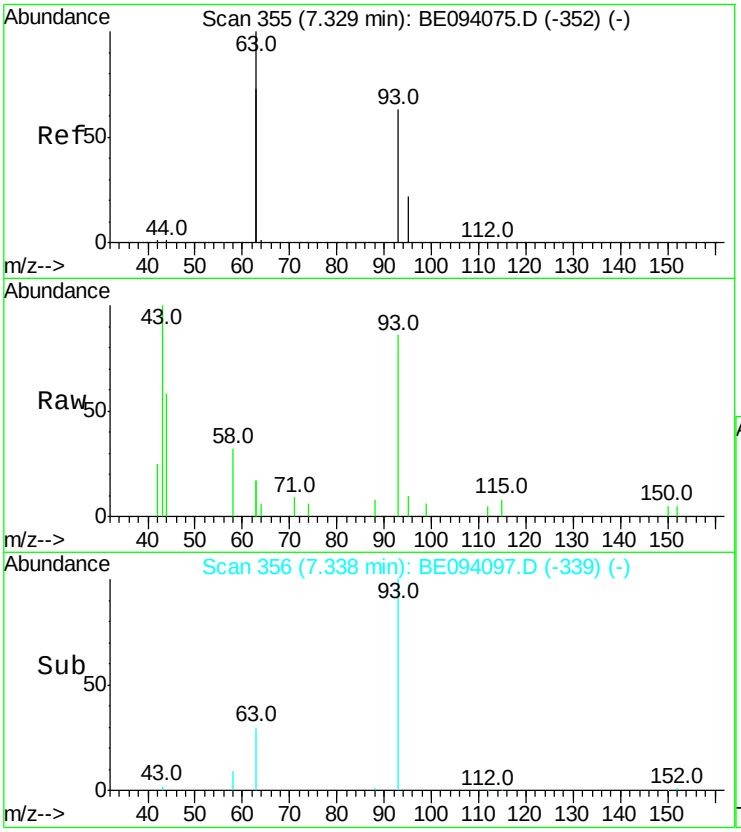


#5
Phenol-d6
Concen: 0.281 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion: 99 Resp: 4505

Ion	Ratio	Lower	Upper
99	100		
42	30.5	20.2	30.2#
71	37.5	28.4	42.6



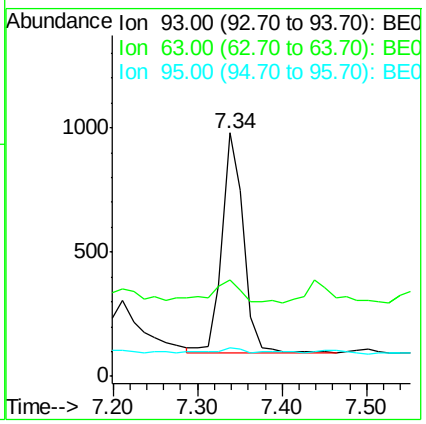


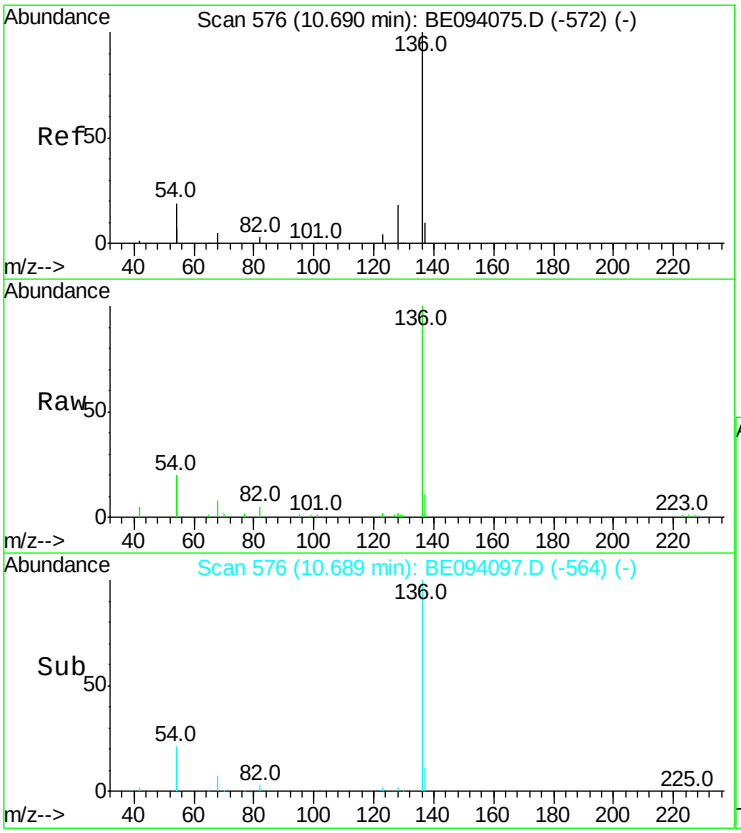
#6
bis(2-Chloroethyl)ether
Concen: 0.131 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.01 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 1572

Ion	Ratio	Lower	Upper
93	100		
63	12.0	275.3	412.9#
95	1.5	25.2	37.8#

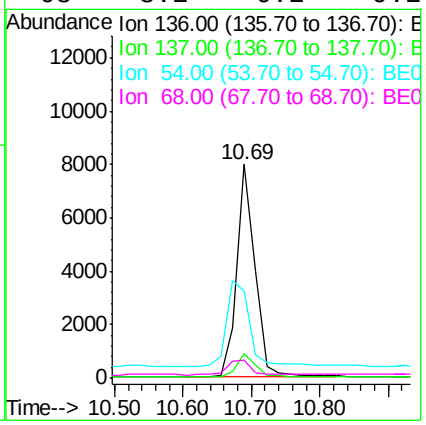


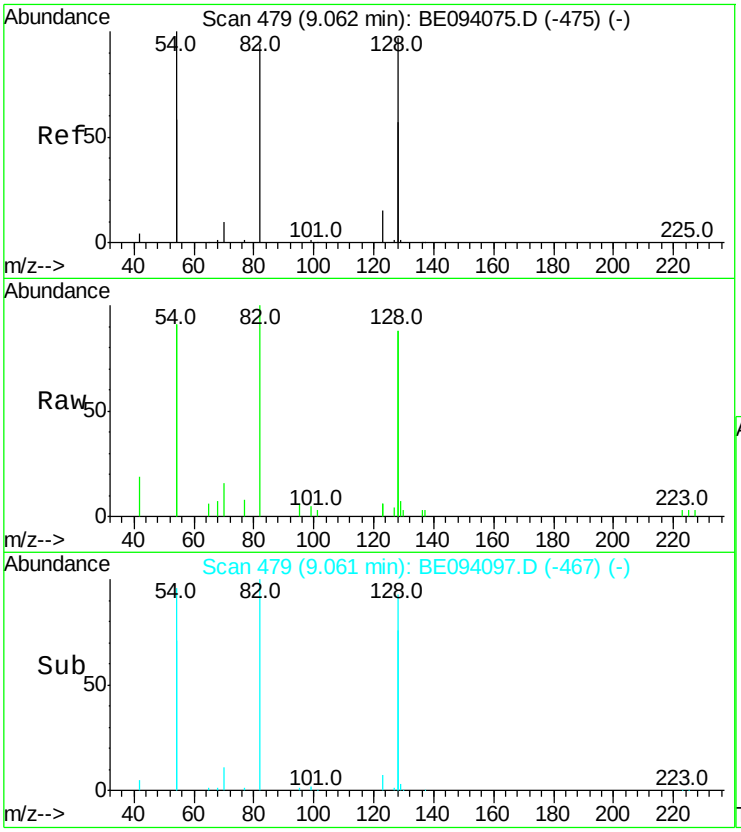


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:136 Resp: 14531

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	40.9	29.1	43.7
68	8.2	6.2	9.2



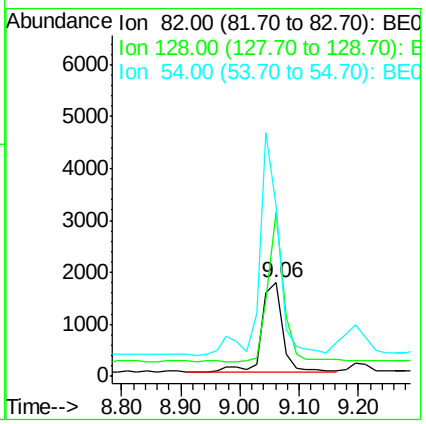


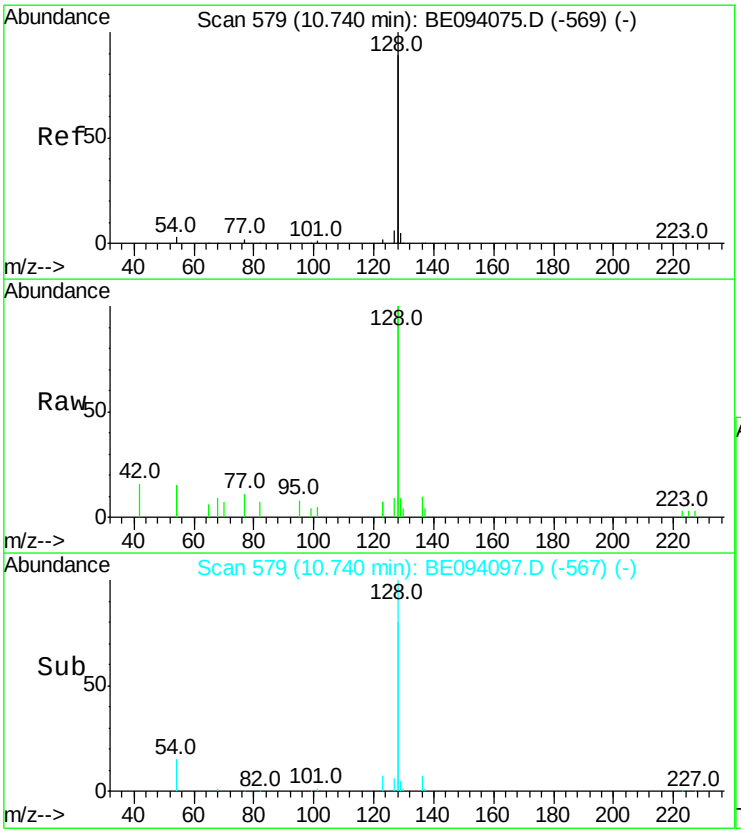
#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 4117

Ion	Ratio	Lower	Upper
82	100		
128	175.5	150.0	225.0
54	182.9	154.2	231.4

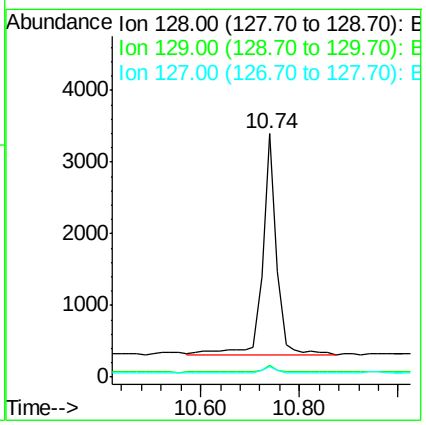


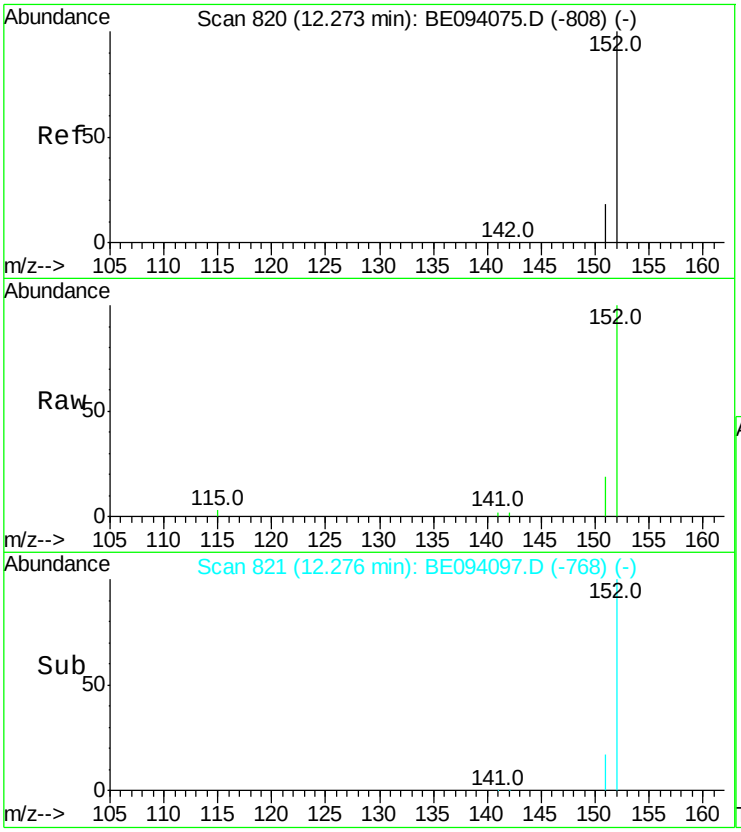


#9
Naphthalene
Concen: Below Cal
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:128 Resp: 6196

Ion	Ratio	Lower	Upper
128	100		
129	4.6	2.6	3.8#
127	4.6	2.8	4.2#



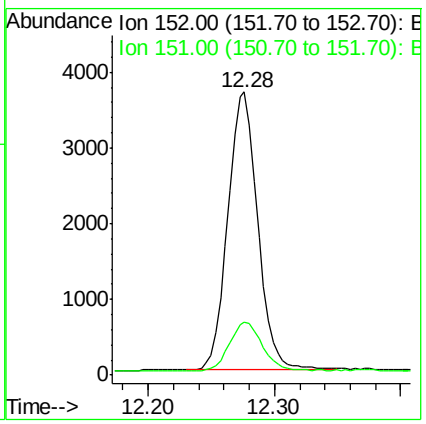


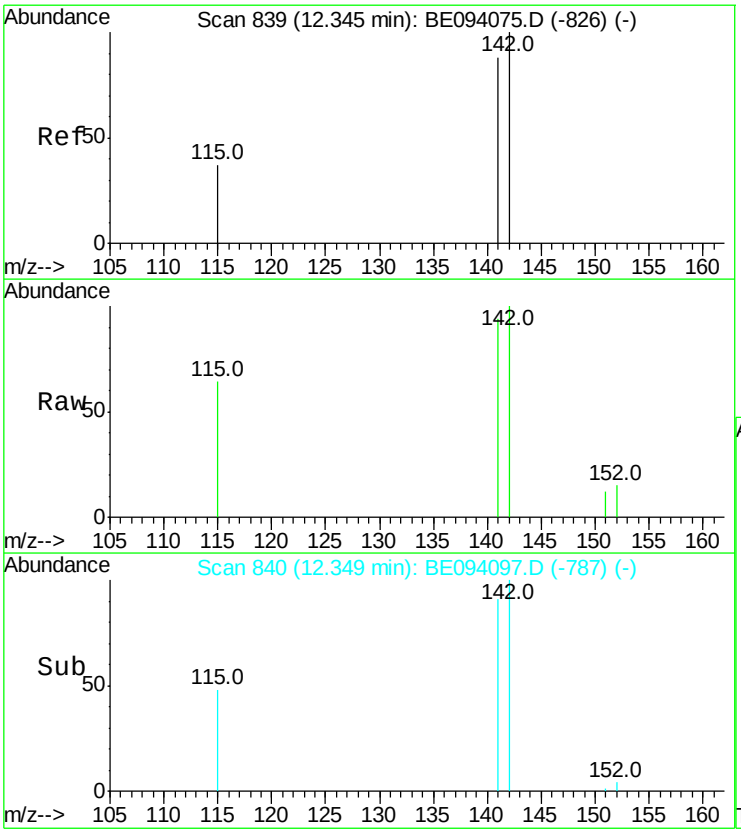
#11
2-Methylnaphthalene-d10
Concen: 0.245 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6043

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

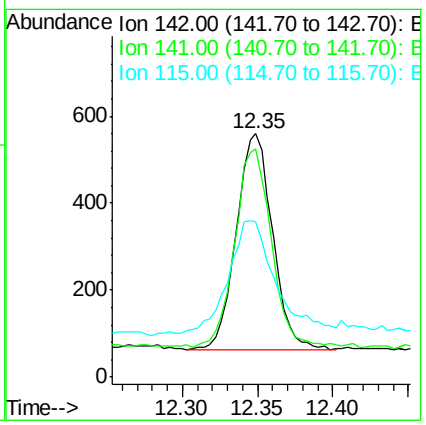


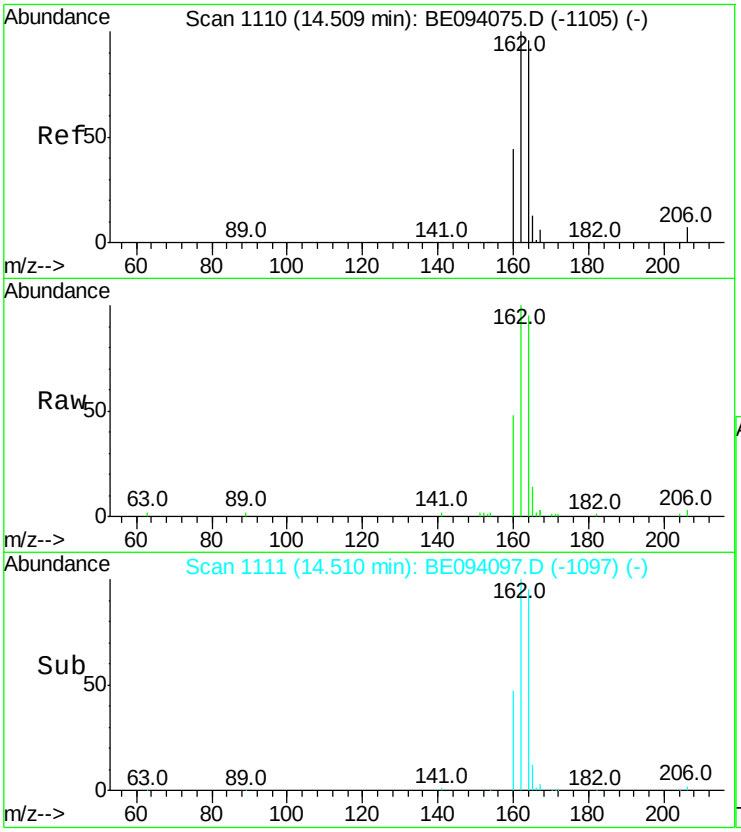


#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.35 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:142 Resp: 832

Ion	Ratio	Lower	Upper
142	100		
141	93.6	70.4	105.6
115	63.9	31.7	47.5#



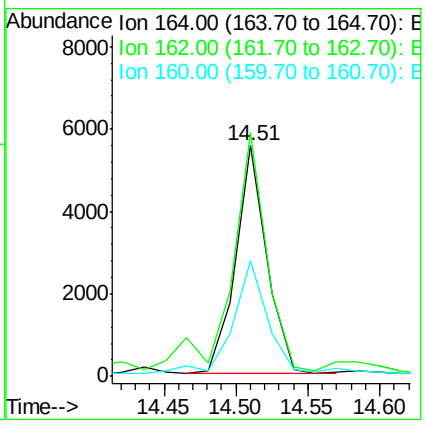


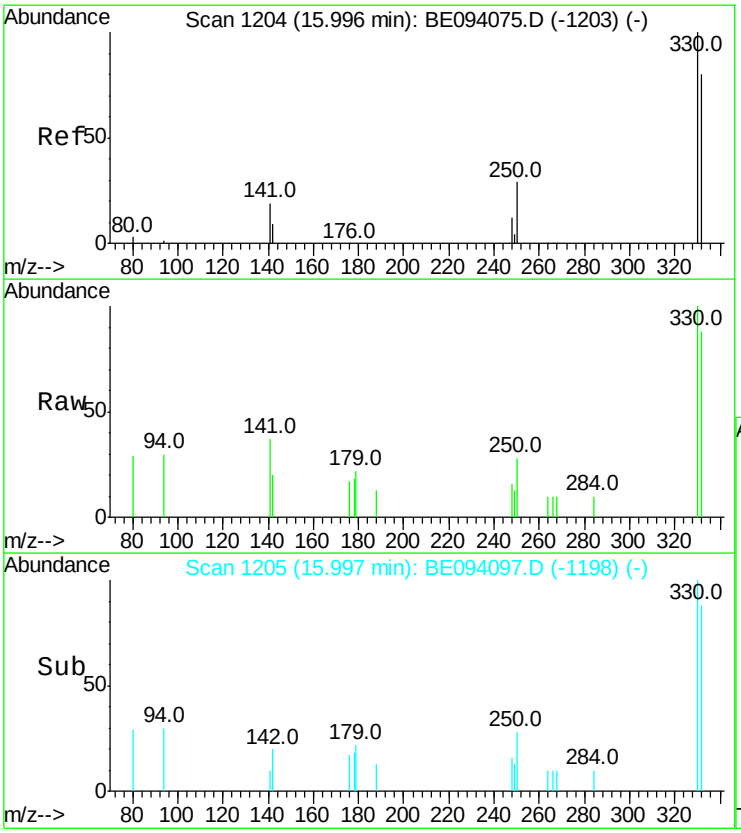
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8302

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.1	124.7
160	50.4	37.1	55.7

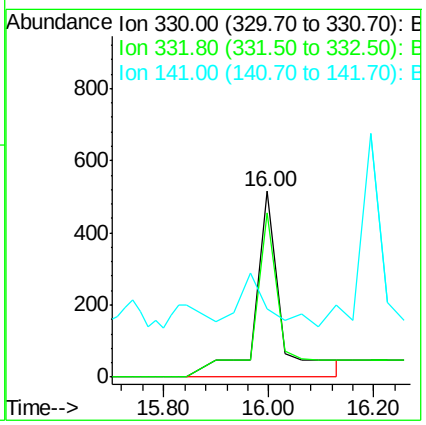


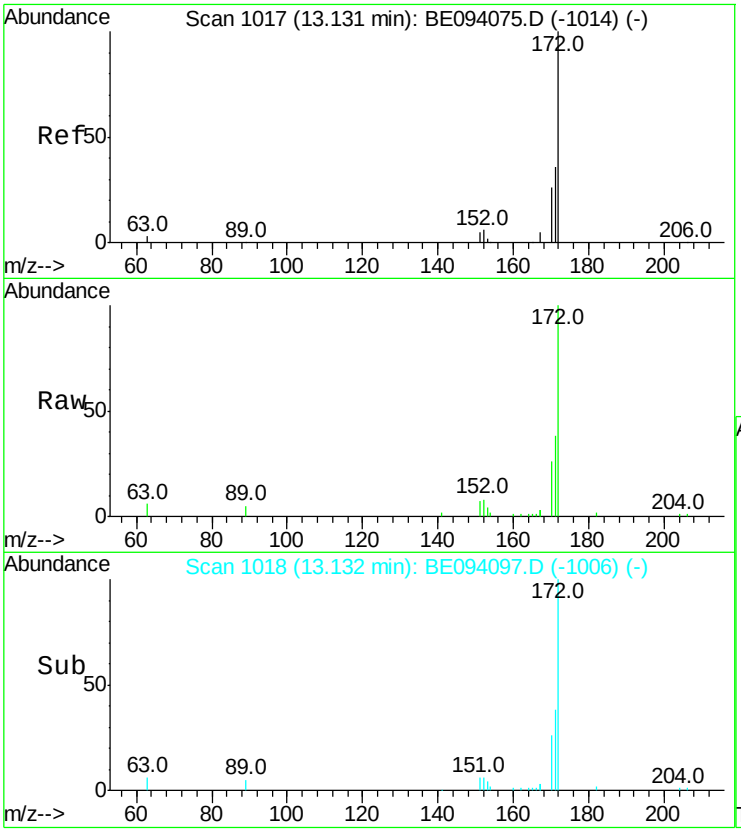


#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:330 Resp: 1836

Ion	Ratio	Lower	Upper
330	100		
332	94.5	152.7	229.1#
141	0.0	33.7	50.5#



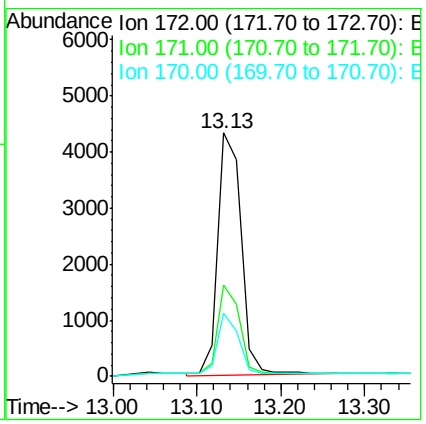


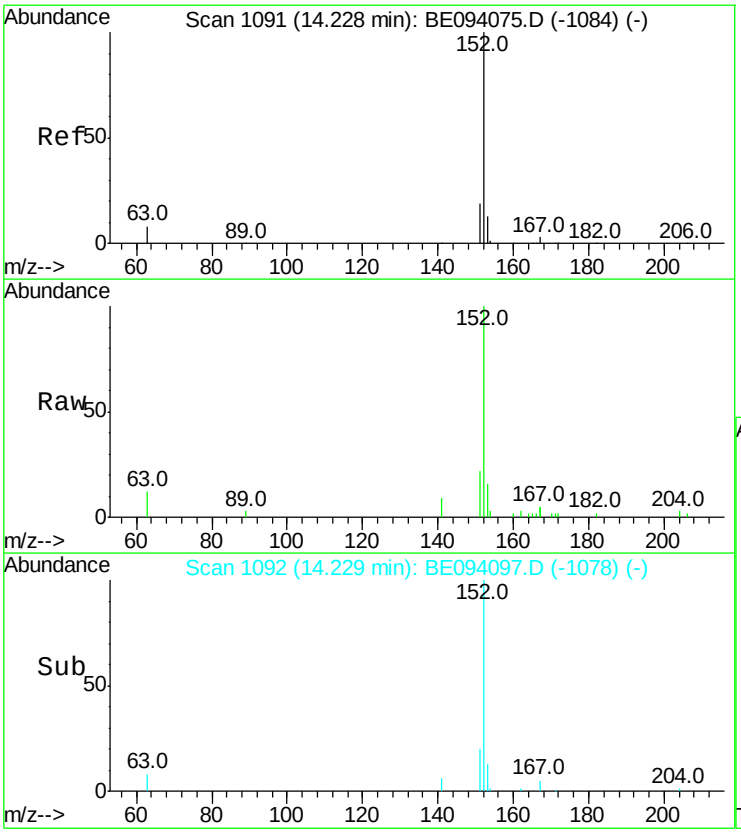
#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 8347

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.9	44.9
170	26.1	21.8	32.8

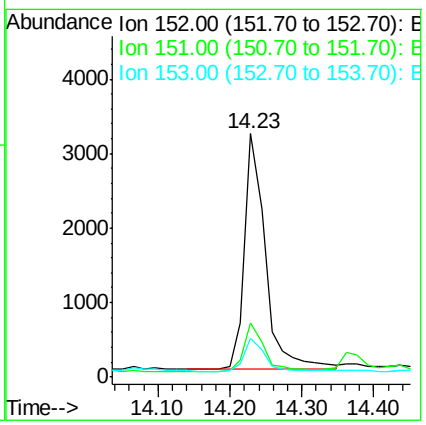


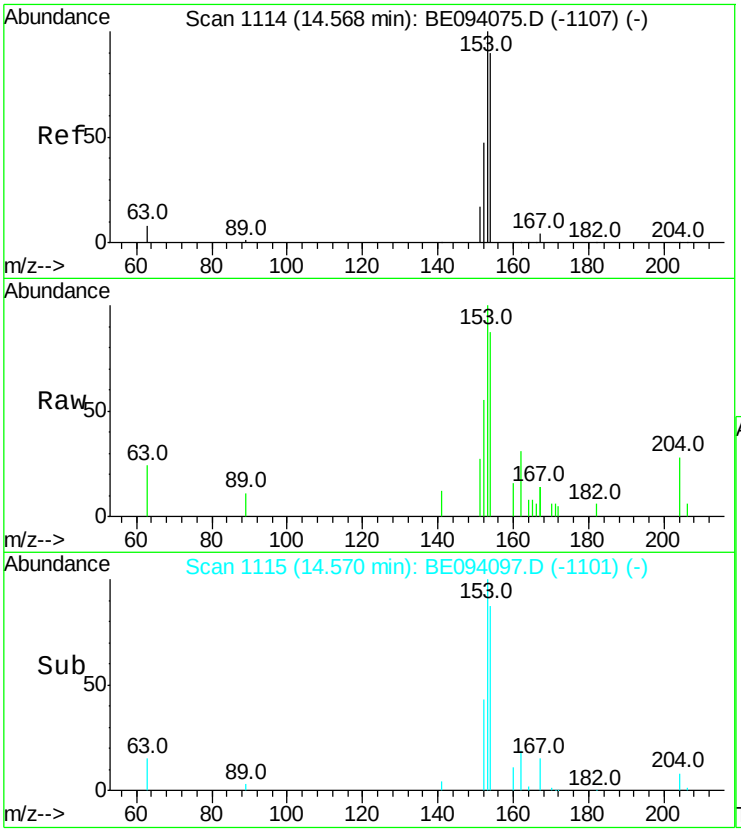


#16
Acenaphthylene
Concen: 0.153 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:152 Resp: 6377

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.8	10.5	15.7



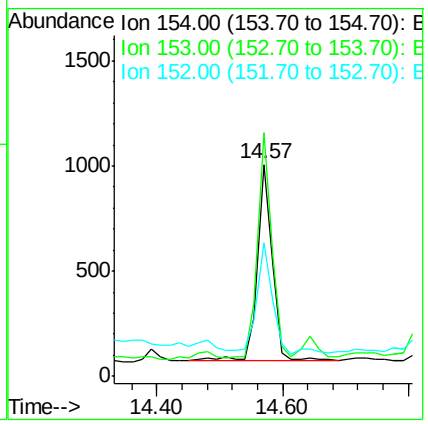


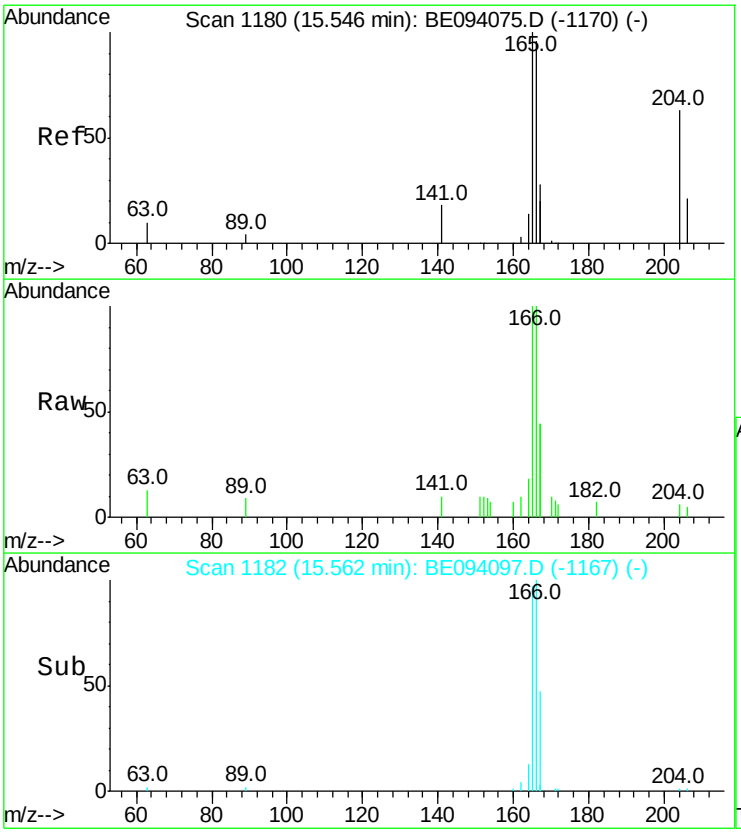
#17
Acenaphthene
Concen: 0.056 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1564

Ion	Ratio	Lower	Upper
154	100		
153	107.7	89.2	133.8
152	58.2	42.0	63.0

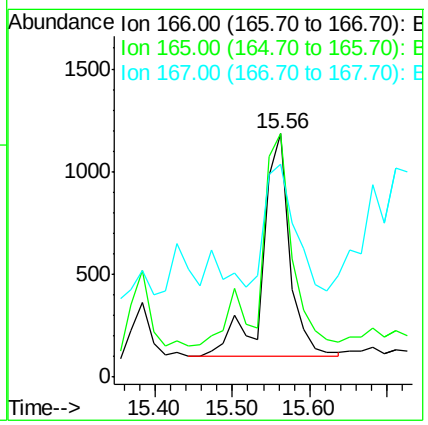


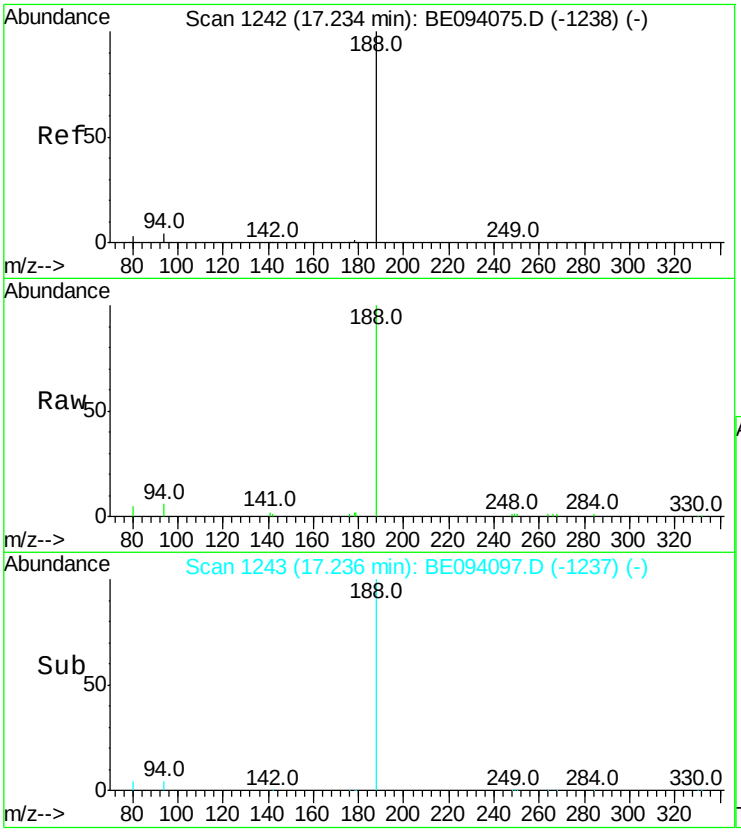


#18
Fluorene
Concen: 0.064 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.02 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:166 Resp: 2637

Ion	Ratio	Lower	Upper
166	100		
165	110.2	77.8	116.6
167	62.5	42.4	63.6



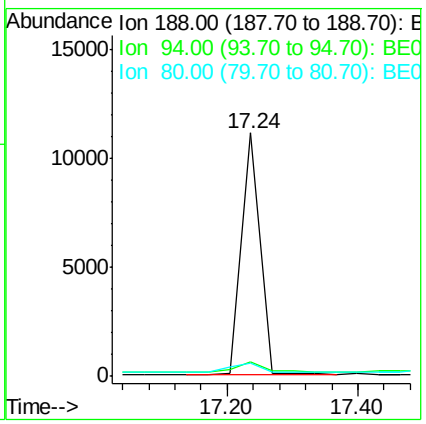


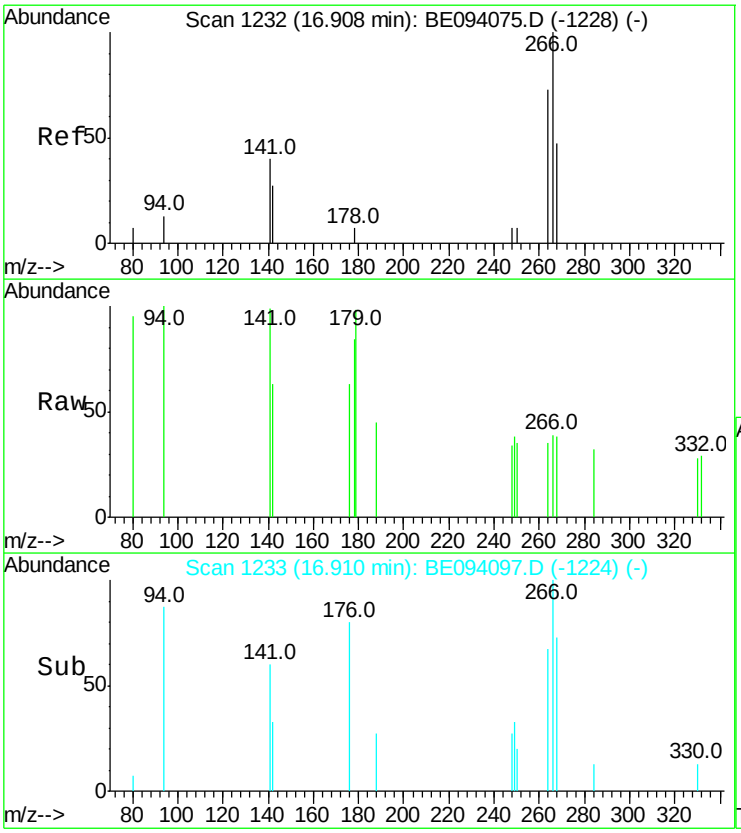
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 22152

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

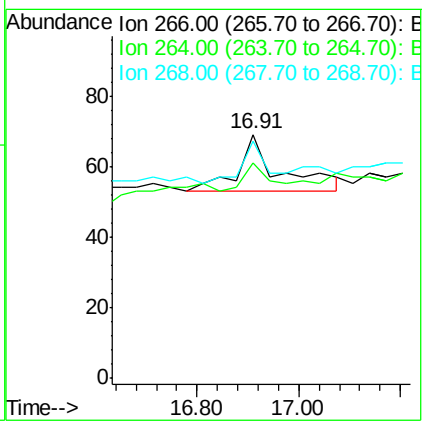


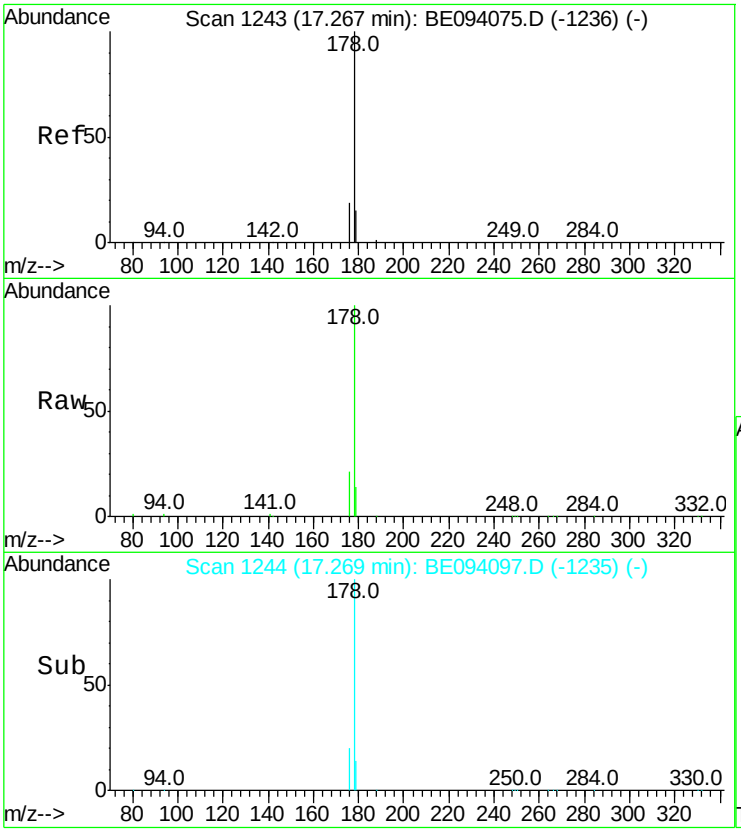


#22
Pentachlorophenol
Concen: 0.031 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:266 Resp: 92

Ion	Ratio	Lower	Upper
266	100		
264	88.4	72.5	108.7
268	97.1	73.8	110.6



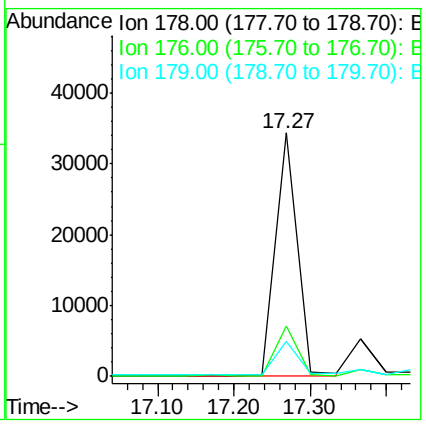


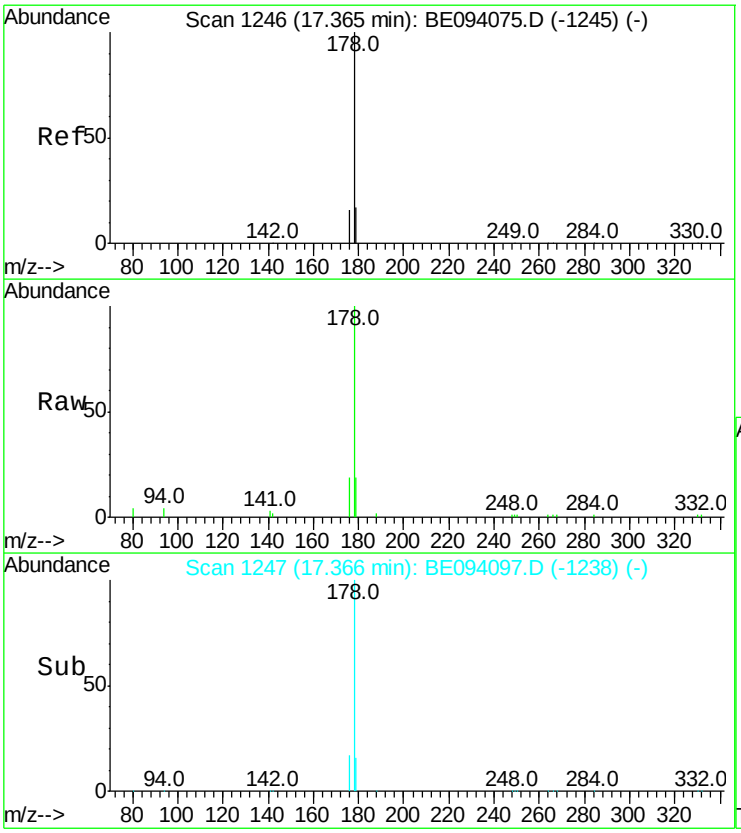
#23
Phenanthrene
Concen: 0.865 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 68599

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.1	22.7
179	15.2	11.8	17.6

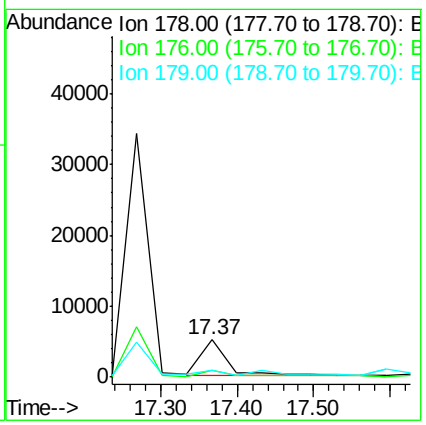


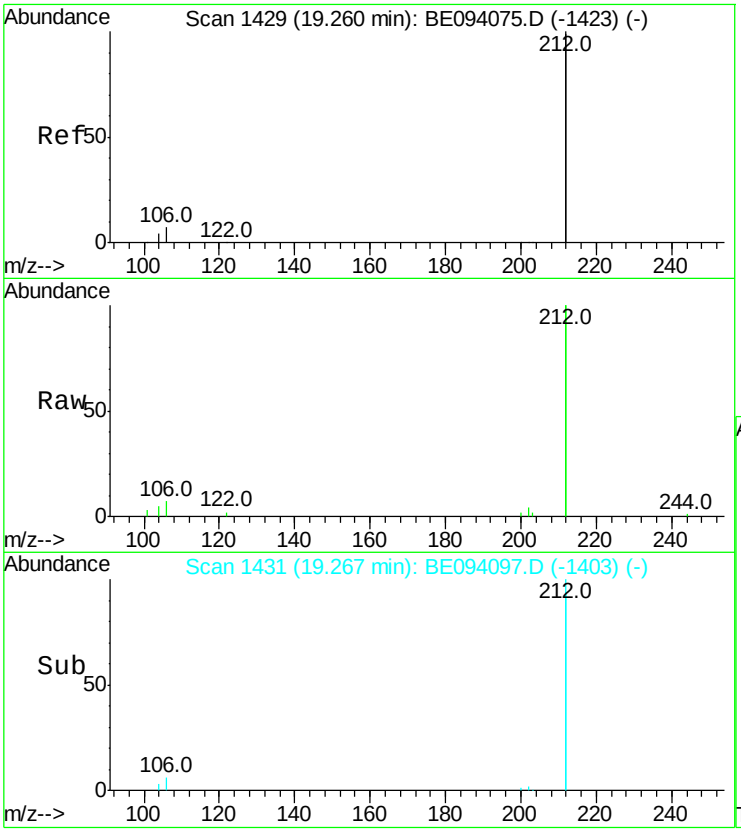


#24
Anthracene
Concen: 0.185 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:178 Resp: 11323

Ion	Ratio	Lower	Upper
178	100		
176	16.3	12.8	19.2
179	12.4	13.0	19.6#



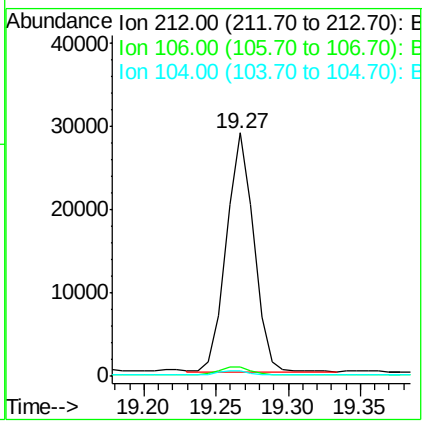


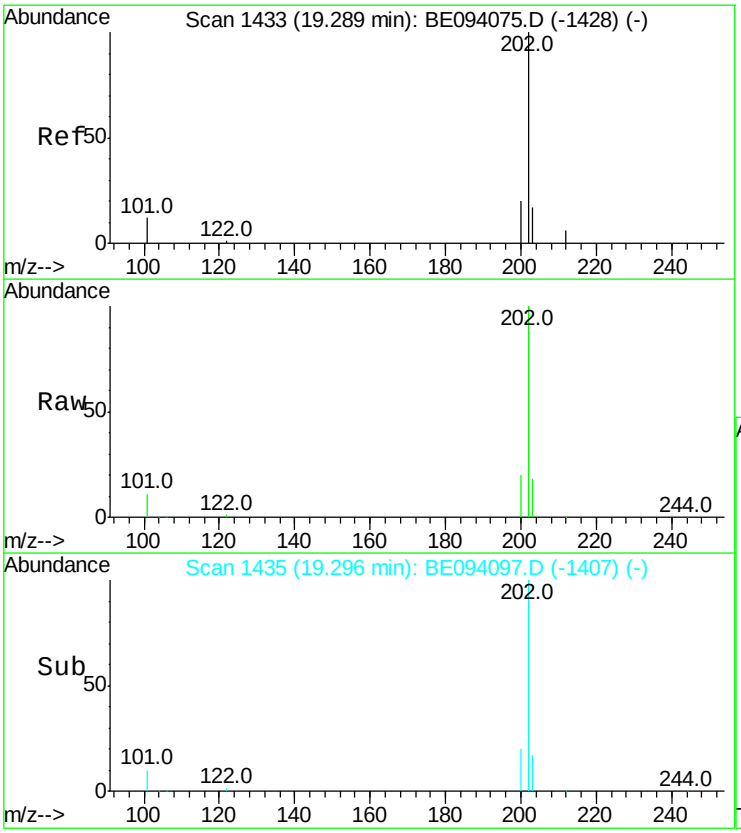
#25
Fluoranthene-d10
Concen: 0.133 ng
RT: 19.27 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 37679

Ion	Ratio	Lower	Upper
212	100		
106	4.0	2.8	4.2
104	2.3	1.6	2.4

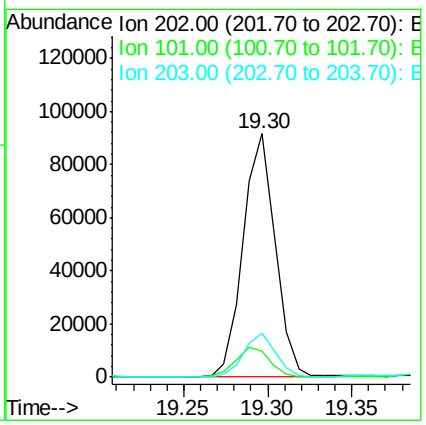


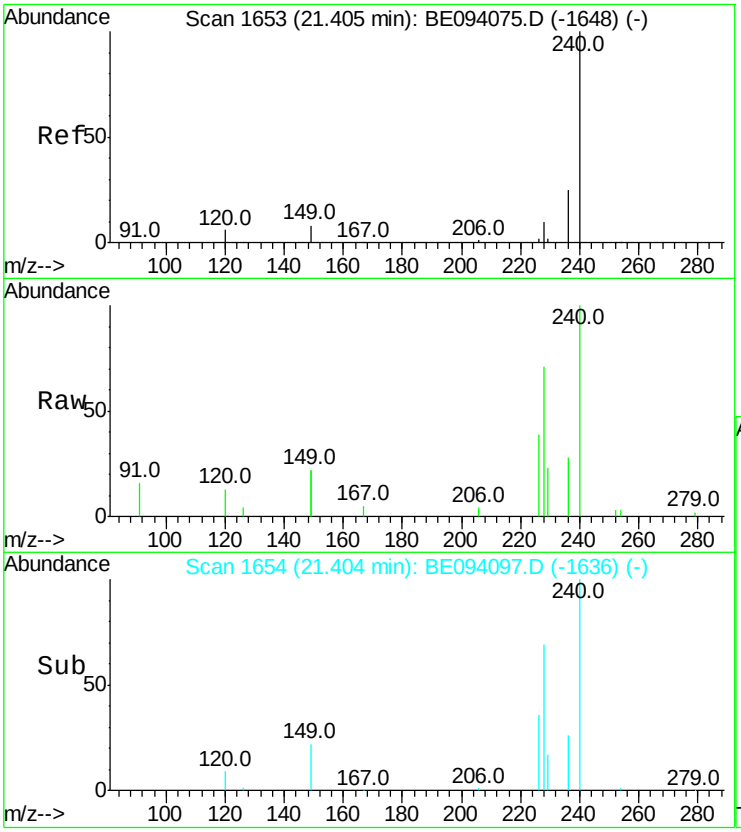


#26
Fluoranthene
Concen: 1.428 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:202 Resp: 121613

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.8
203	17.5	13.7	20.5



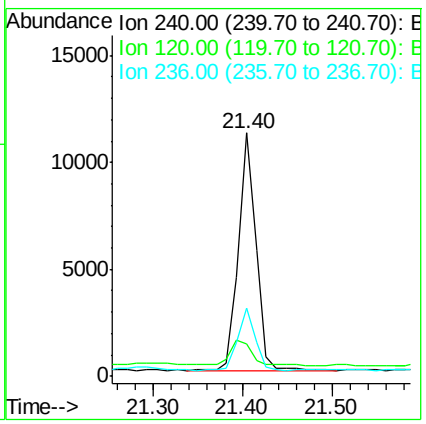


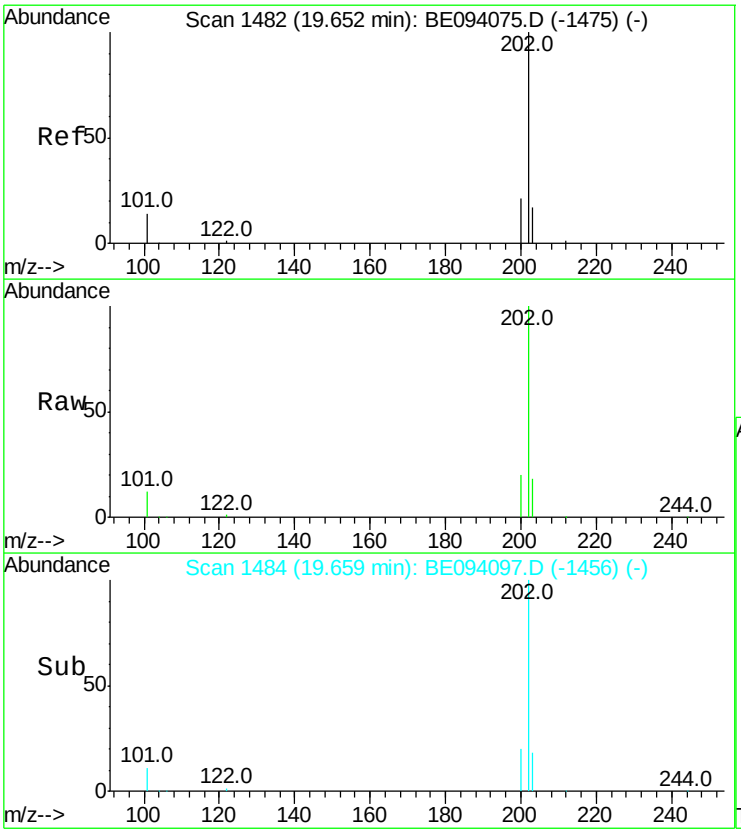
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 15025

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.5	8.3#
236	28.3	20.7	31.1

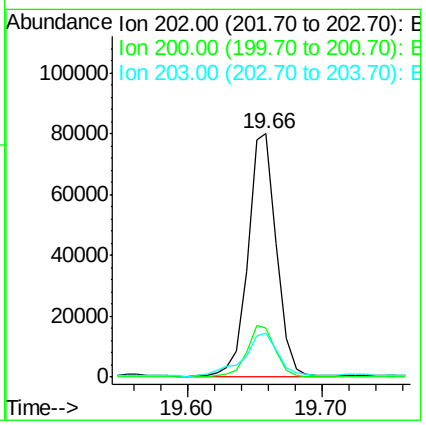


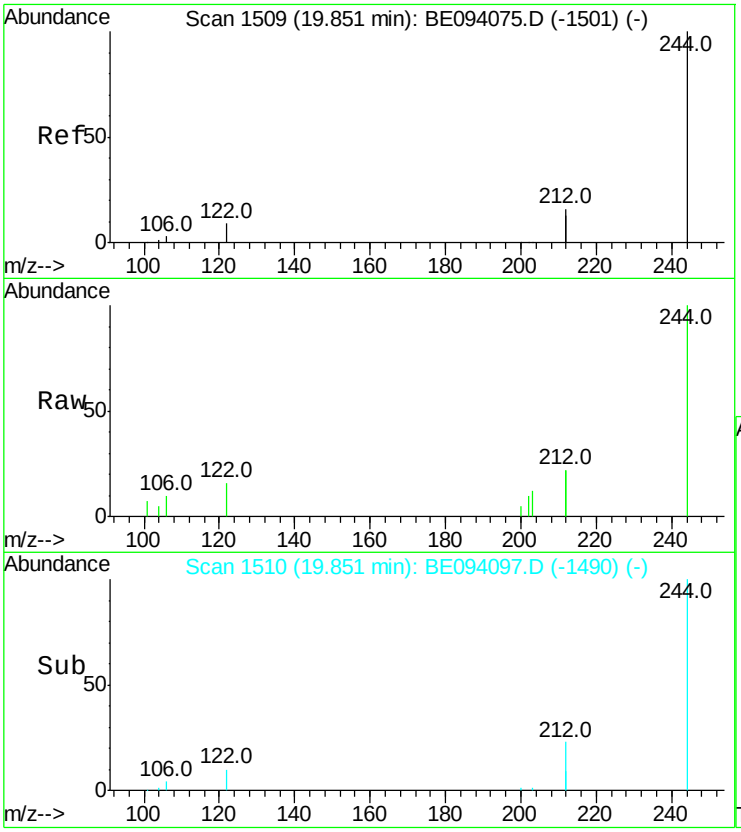


#28
Pyrene
Concen: 2.821 ng
RT: 19.66 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:202 Resp: 117269

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	21.5	13.8	20.8#



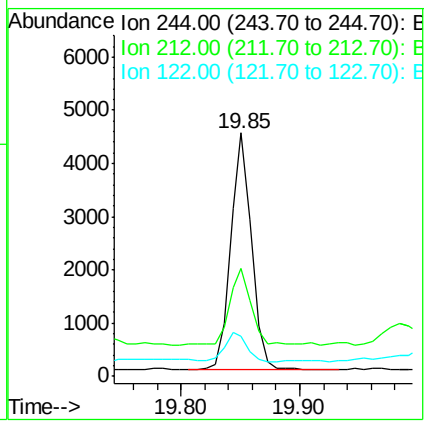


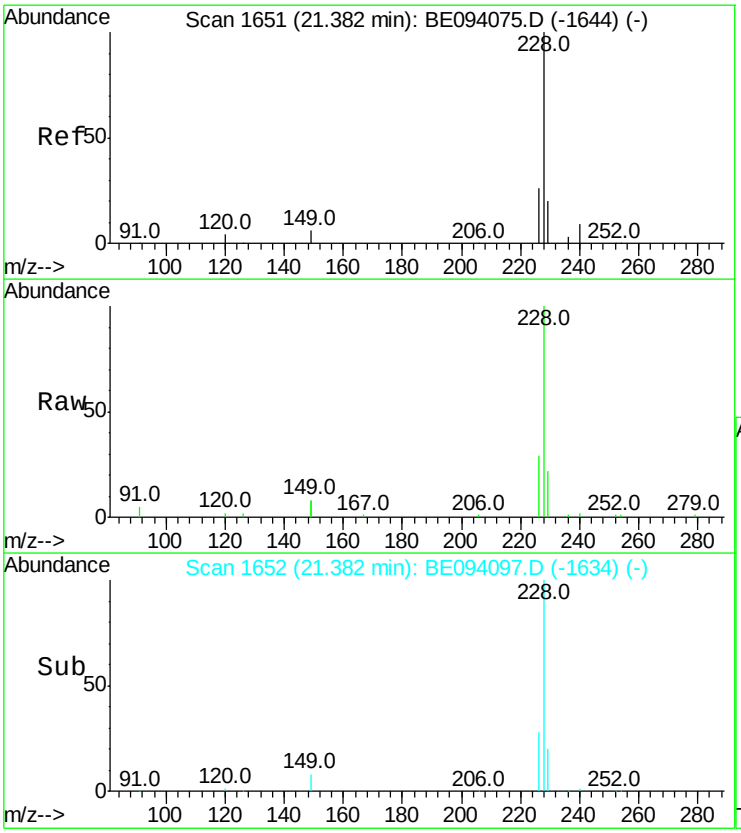
#29
Terphenyl-d14
Concen: 0.232 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5466

Ion	Ratio	Lower	Upper
244	100		
212	44.6	25.4	38.0#
122	16.3	8.1	12.1#

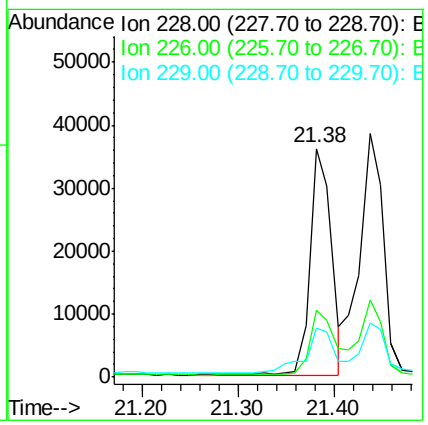


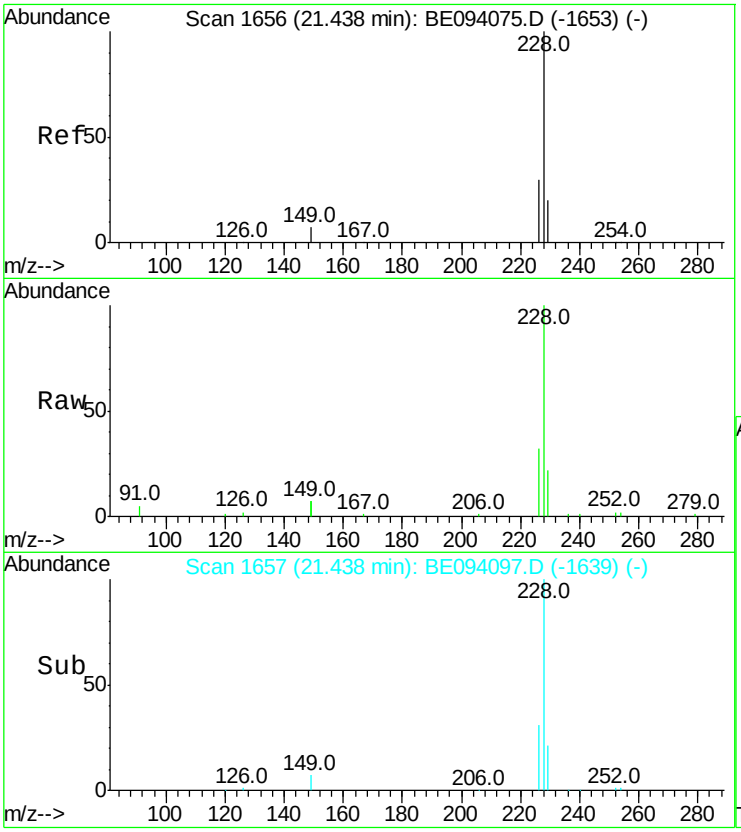


#30
Benzo(a)anthracene
Concen: 1.101 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:228 Resp: 55416

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.4	32.0
229	21.5	16.4	24.6



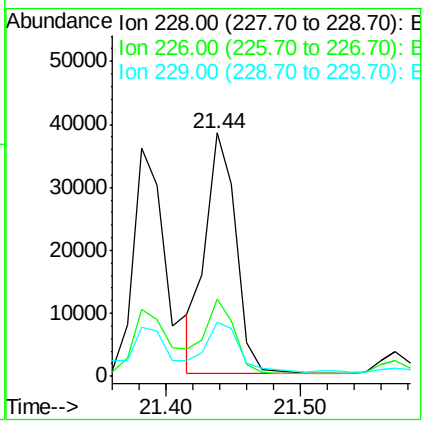


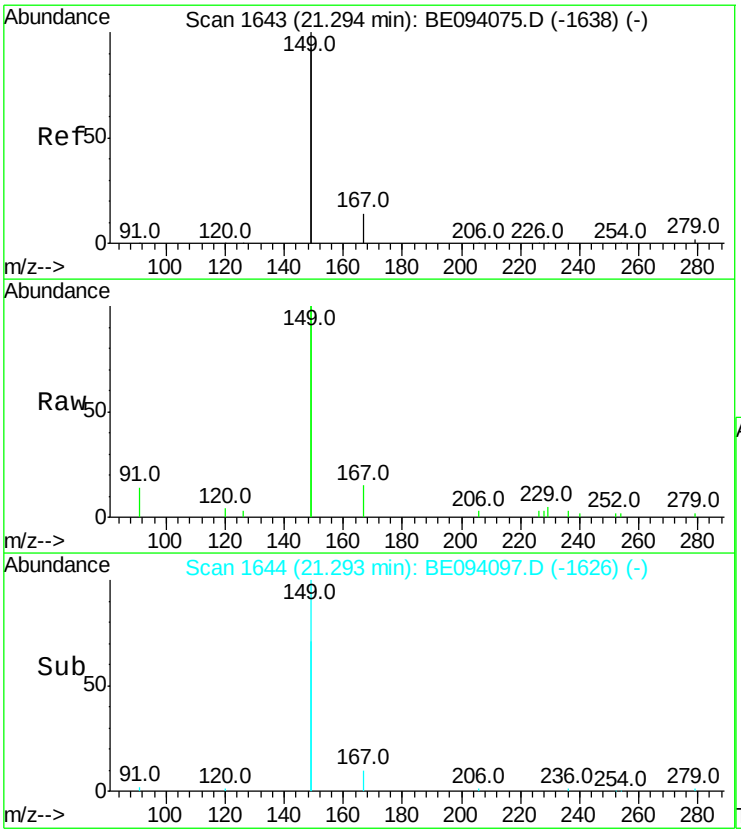
#31
Chrysene
Concen: 1.208 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 59552

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.6	35.4
229	22.2	16.4	24.6

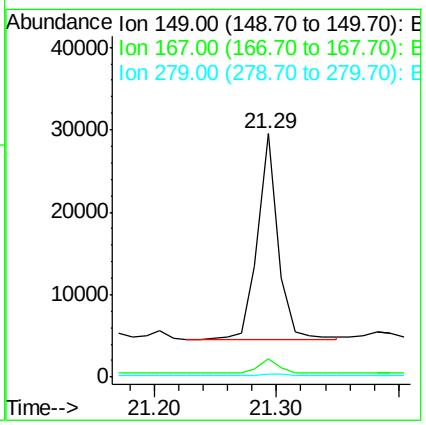


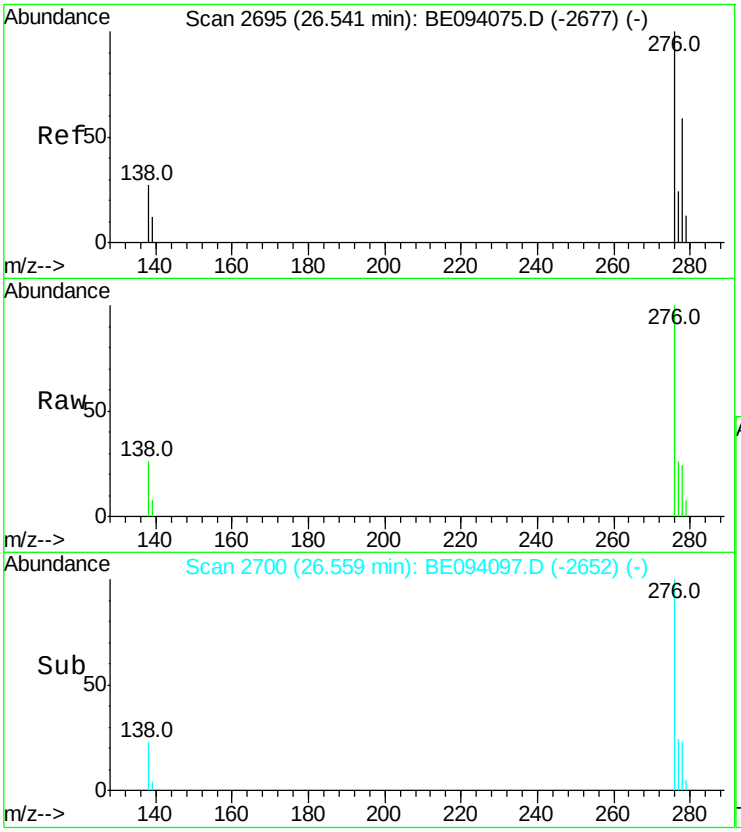


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.219 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:149 Resp: 29656

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	0.9	0.7	1.1



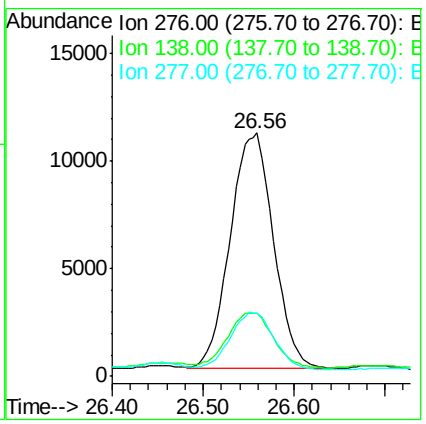


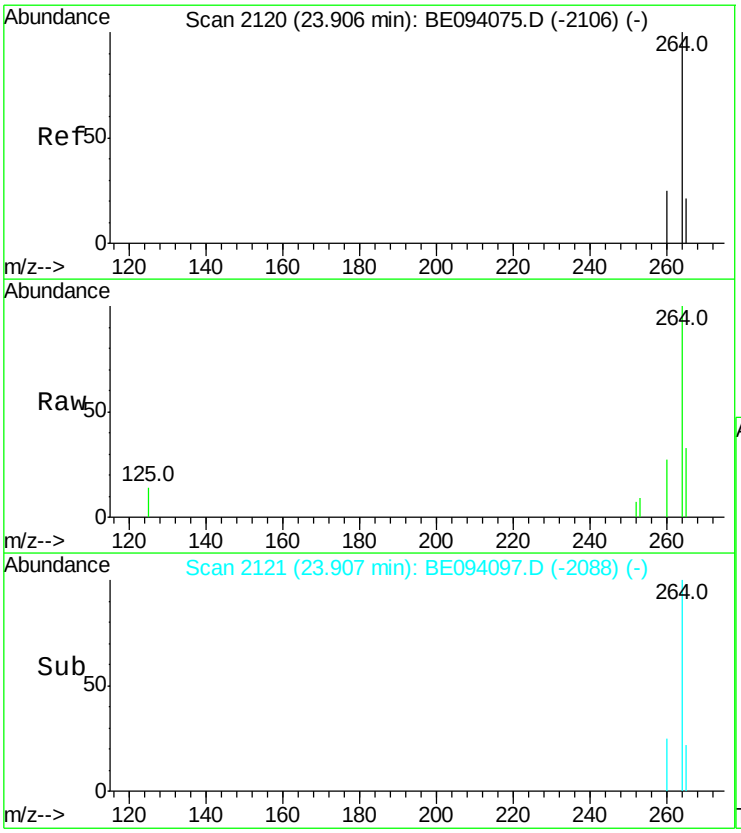
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.948 ng
RT: 26.56 min Scan# 2700
Delta R.T. 0.02 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 36151

Ion	Ratio	Lower	Upper
276	100		
138	24.5	22.5	33.7
277	25.0	19.9	29.9

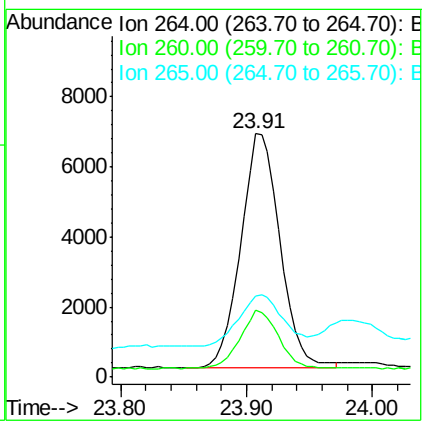


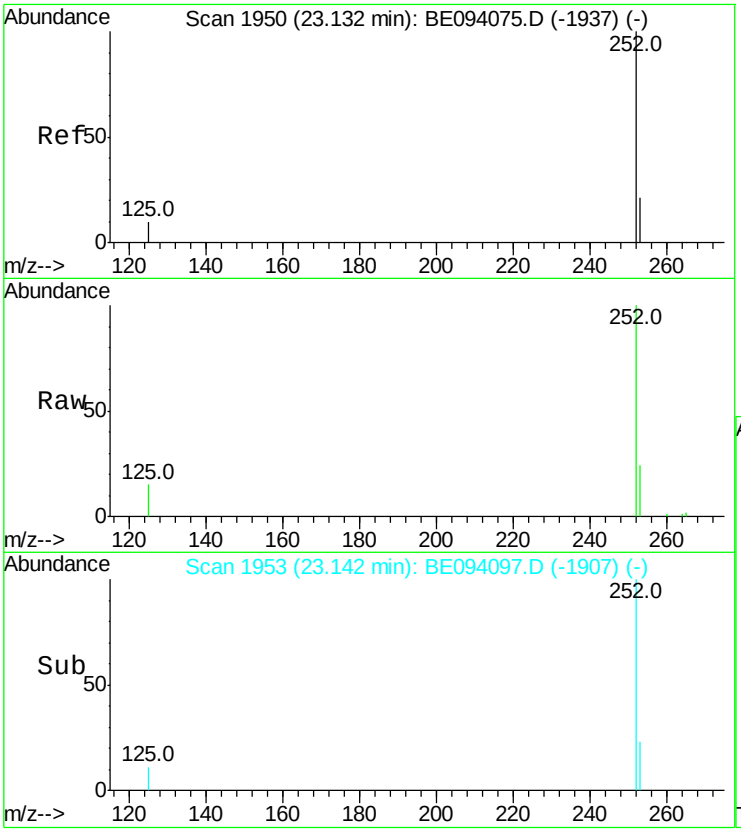


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:264 Resp: 14594

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.5	30.7
265	33.2	22.8	34.2



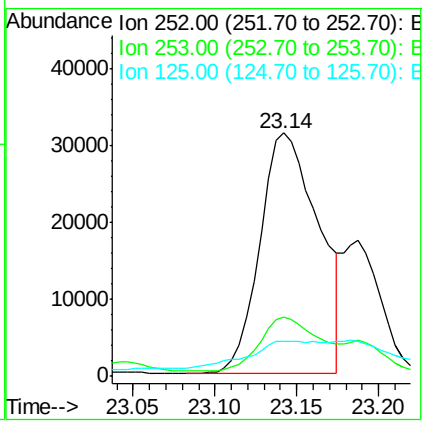


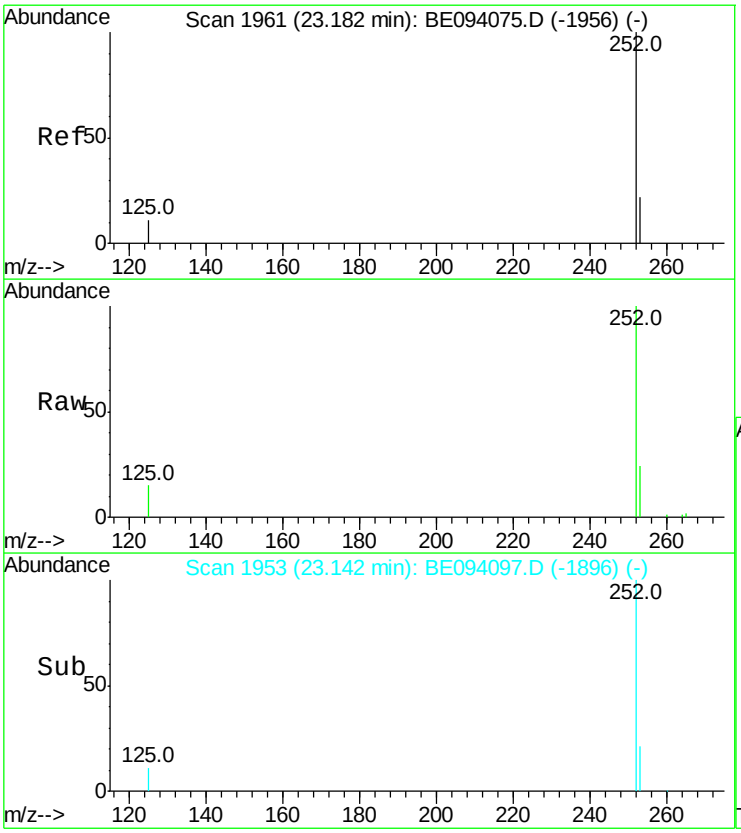
#35
Benzo(b)fluoranthene
Concen: 1.473 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 77813

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	14.5	10.1	15.1

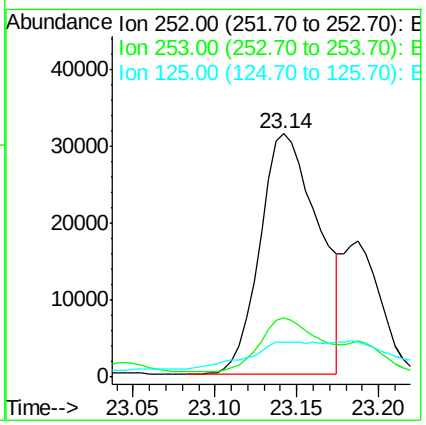


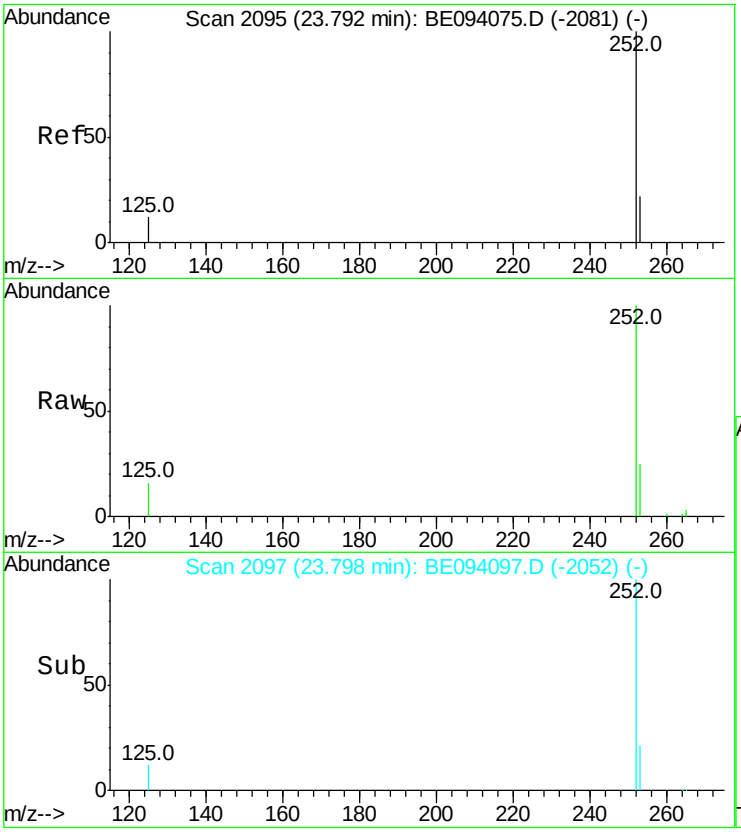


#36
Benzo(k)fluoranthene
Concen: 1.468 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:252 Resp: 77813

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.6	27.8
125	14.5	10.7	16.1



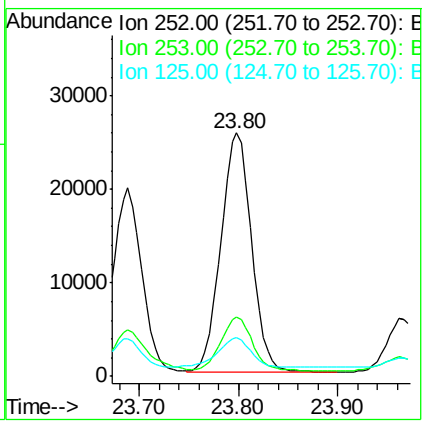


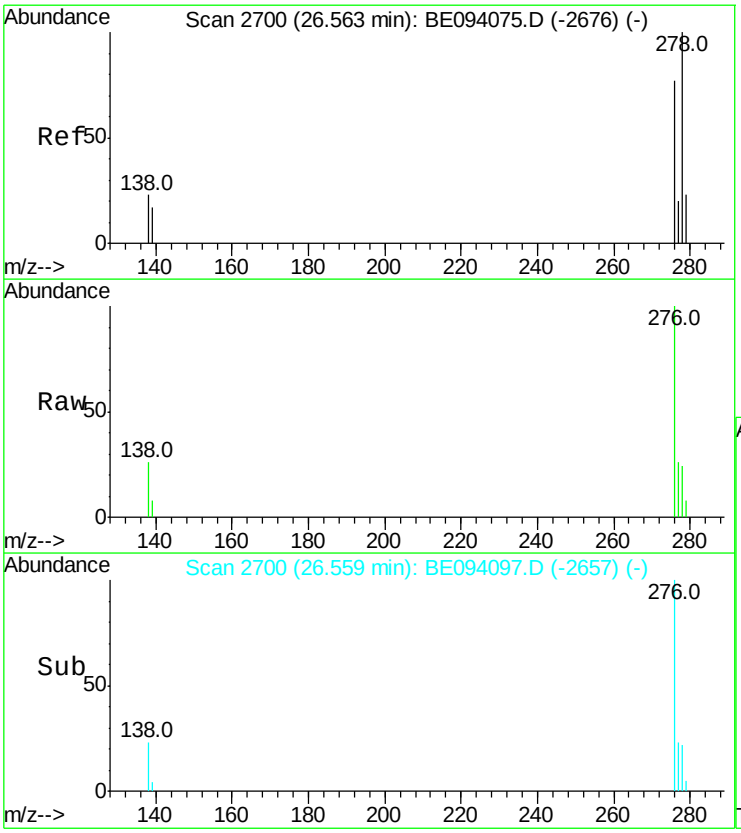
#37
Benzo(a)pyrene
Concen: 1.154 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 54735

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.6
125	15.9	11.8	17.8

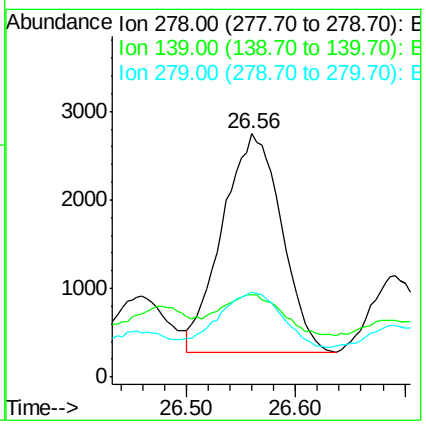


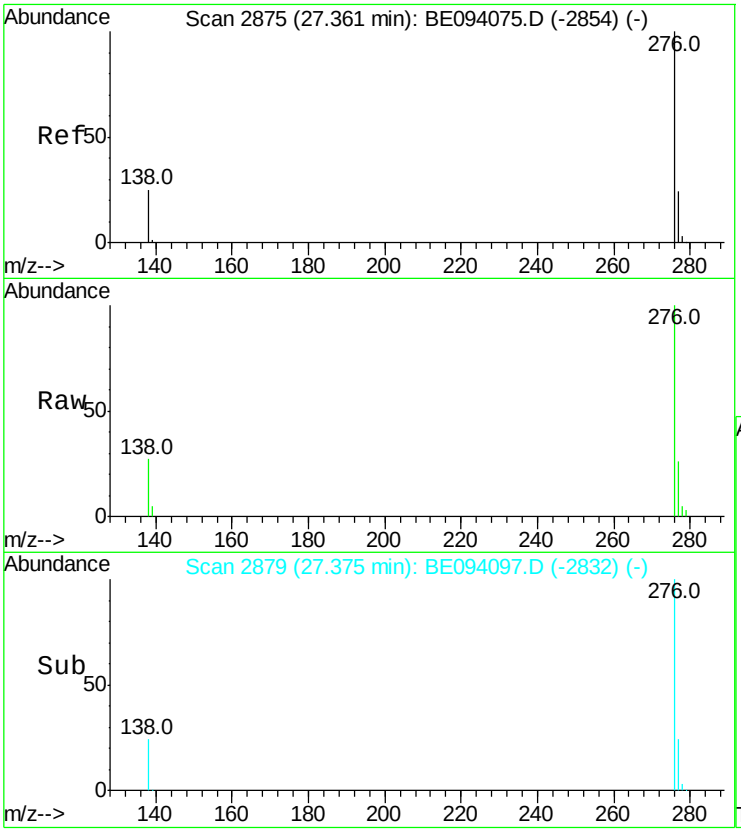


#38
Dibenzo(a,h)anthracene
Concen: 0.244 ng
RT: 26.56 min Scan# 2700
Delta R.T. -0.00 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Tgt Ion:278 Resp: 9275

Ion	Ratio	Lower	Upper
278	100		
139	34.0	16.3	24.5#
279	34.8	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.963 ng
RT: 27.38 min Scan# 2879
Delta R.T. 0.01 min
Lab File: BE094097.D
Acq: 24 Sep 2017 2:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 36569

Ion	Ratio	Lower	Upper
276	100		
277	26.2	20.8	31.2
138	27.3	21.5	32.3