Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094100.D
Acq On : 25 Sep 2017 13:38
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 25 15:42:48 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 15:34:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1360	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	6147	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	4710	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	14655	0.40	ng		0.00
27) Chrysene-d12	21.40	240	13212	0.40	ng		0.00
34) Perylene-d12	23.91	264	12734	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	600	0.08	ng		0.00
5) Phenol-d6	7.09	99	774	0.10	ng		0.00
8) Nitrobenzene-d5	9.05	82	694	0.13	ng		-0.02
11) 2-Methylnaphthalene-d10	12.27	152	974	0.09	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	493	0.14	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	1358	0.09	ng		0.00
25) Fluoranthene-d10	19.27	212	15798	0.08	ng		0.00
29) Terphenyl-d14	19.85	244	2890	0.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	281	0.099	ng	#	76
3) n-Nitrosodimethylamine	3.73	42	435	0.124	ng	#	73
6) bis(2-Chloroethyl)ether	7.33	93	596	0.099	ng	#	88
9) Naphthalene	10.74	128	7327	0.094	ng	#	97
10) Hexachlorobutadiene	11.03	225	298	0.120	ng		95
12) 2-Methylnaphthalene	12.35	142	1165	0.094	ng	#	95
16) Acenaphthylene	14.23	152	1991	0.084	ng	#	88
17) Acenaphthene	14.57	154	1185	0.075	ng		91
18) Fluorene	15.56	166	1695	0.072	ng	#	90
20) 4-Bromophenyl-phenylether	16.42	248	649	0.083	ng	#	72
21) Hexachlorobenzene	16.55	284	426	0.074	ng	#	49
22) Pentachlorophenol	16.91	266	387	0.945	ng	#	81
23) Phenanthrene	17.37	178	3962	0.075	ng		96
24) Anthracene	17.37	178	3962	0.098	ng	#	94
26) Fluoranthene	19.30	202	4318	0.077	ng		97
28) Pyrene	19.66	202	4686	0.128	ng		96
30) Benzo(a)anthracene	21.39	228	4639	0.105	ng	#	80
31) Chrysene	21.44	228	4473	0.103	ng	#	79
32) Bis(2-ethylhexyl)phthalate	21.29	149	60385	0.508	ng		100
33) Indeno(1,2,3-cd)pyrene	26.56	276	5513	0.164	ng		96
35) Benzo(b)fluoranthene	23.14	252	6414	0.139	ng	#	39
36) Benzo(k)fluoranthene	23.19	252	5180	0.112	ng	#	31
37) Benzo(a)pyrene	23.80	252	4757	0.115	ng	#	20
38) Dibenzo(a,h)anthracene	26.57	278	4607	0.139	ng	#	53
39) Benzo(g,h,i)perylene	27.37	276	4425	0.134	ng	#	59

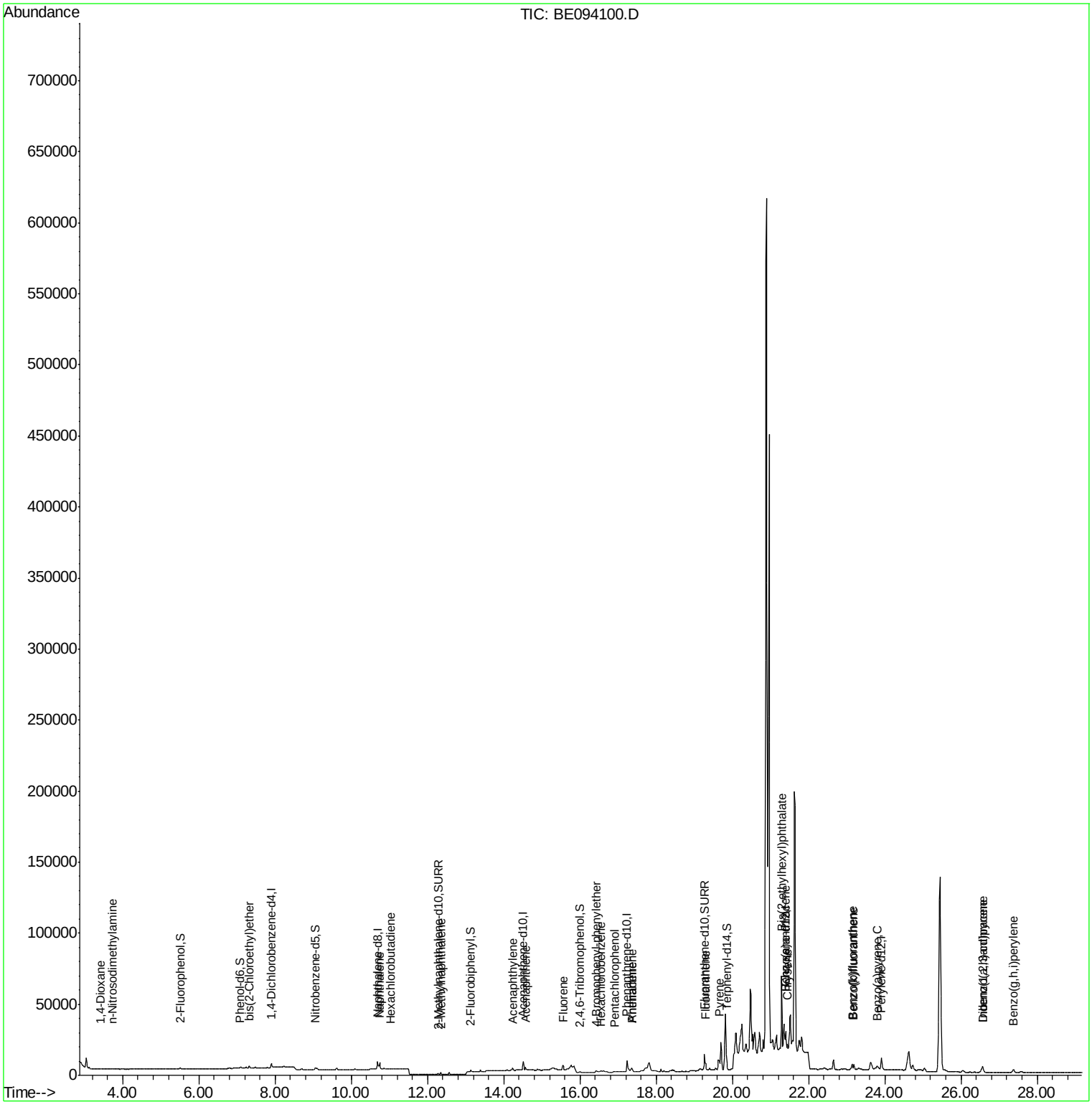
(#) = qualifier out of range (m) = manual integration (+) = signals summed

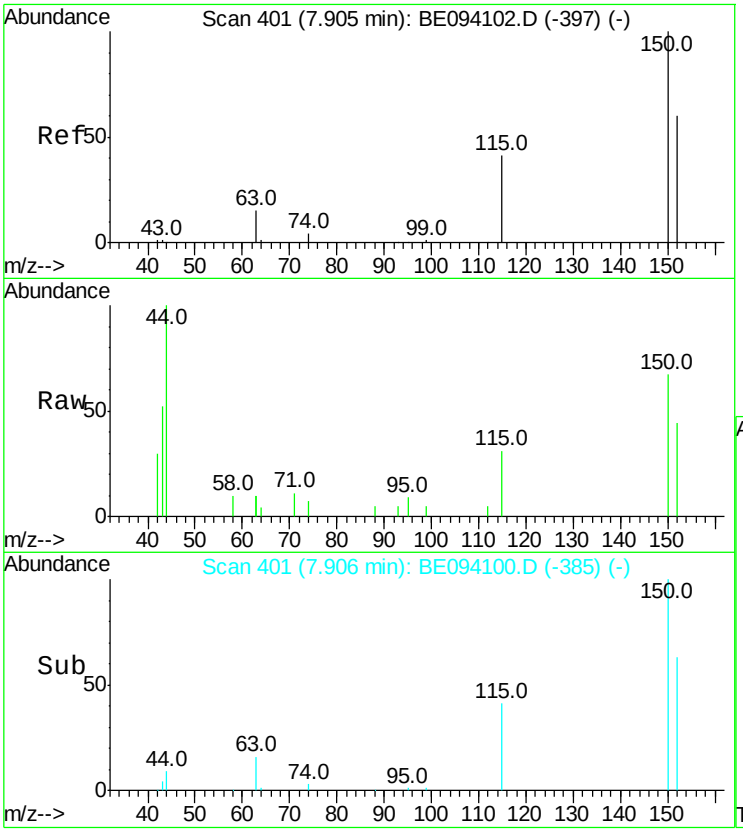
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094100.D
Acq On : 25 Sep 2017 13:38
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 25 15:42:48 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 15:34:48 2017
Response via : Initial Calibration



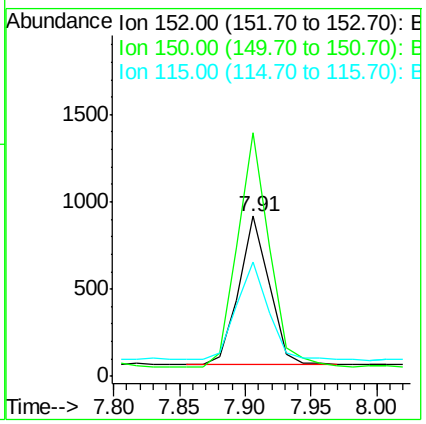


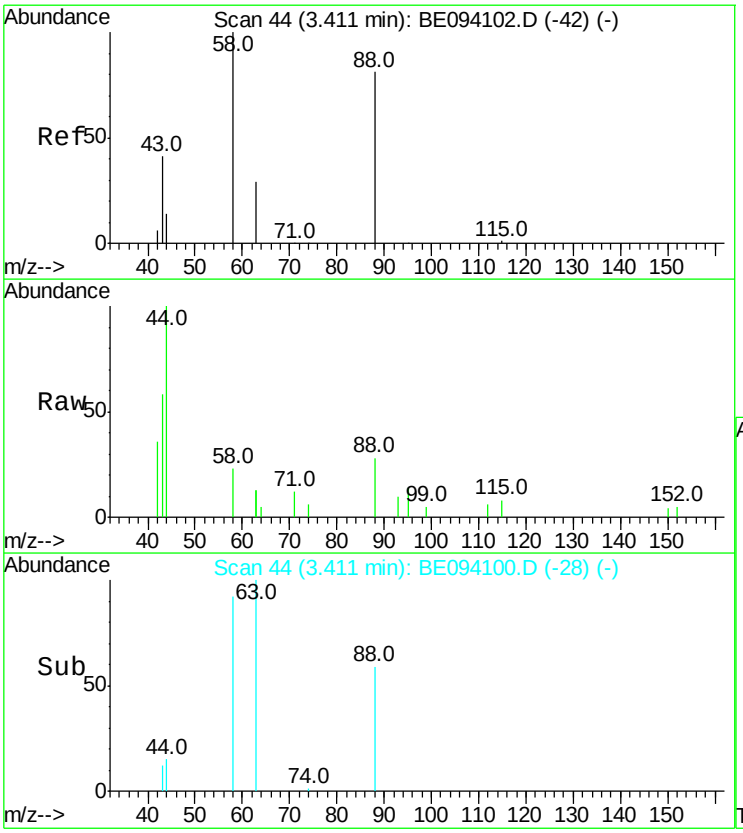
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1360

Ion	Ratio	Lower	Upper
152	100		
150	152.1	117.2	175.8
115	71.3	57.0	85.6

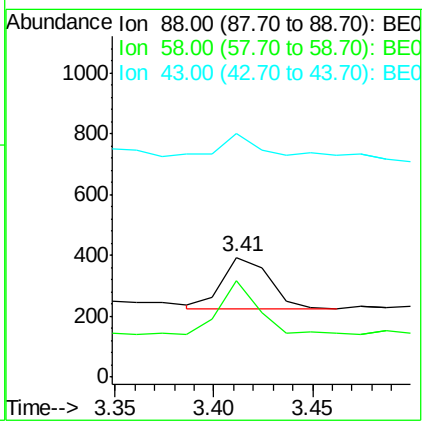


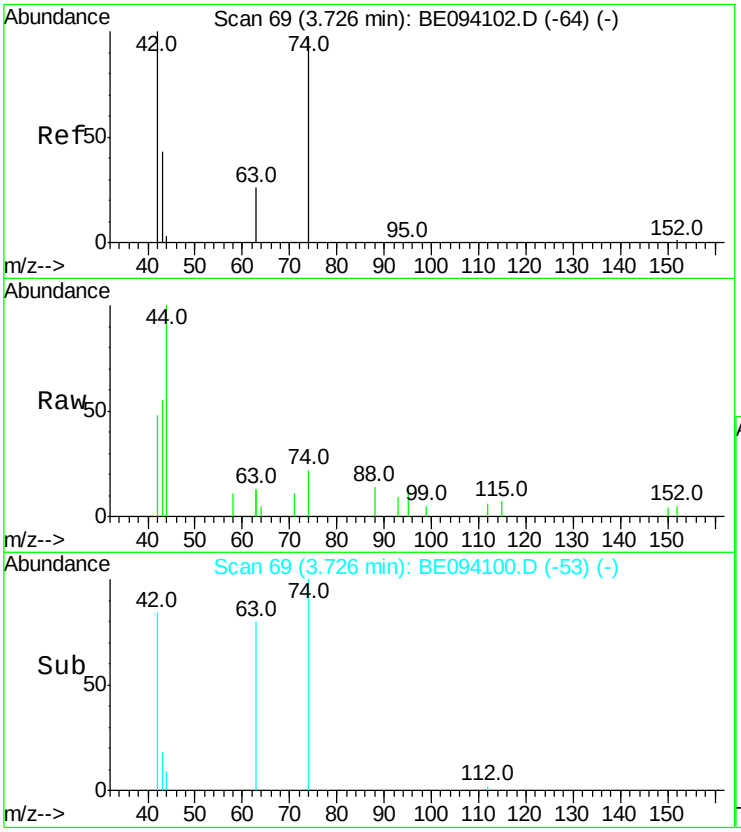


#2
1,4-Dioxane
Concen: 0.099 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion: 88 Resp: 281

Ion	Ratio	Lower	Upper
88	100		
58	94.7	63.2	94.8
43	75.4	41.2	61.8#



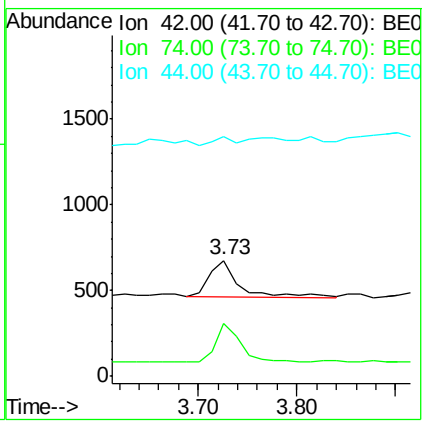


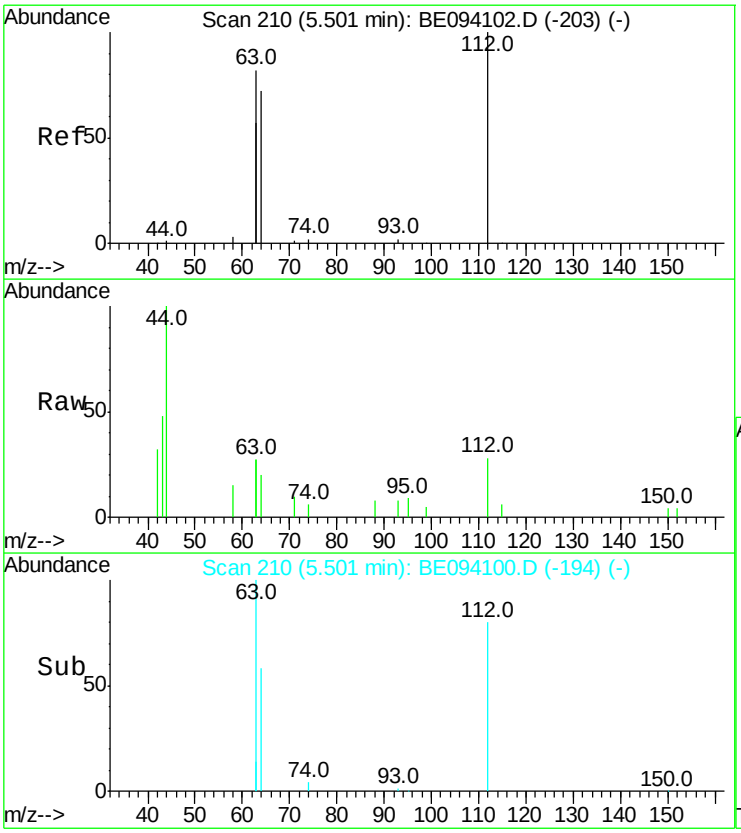
#3
n-Nitrosodimethylamine
Concen: 0.124 ng
RT: 3.73 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 435

Ion	Ratio	Lower	Upper
42	100		
74	91.0	100.3	150.5#
44	15.9	17.0	25.4#

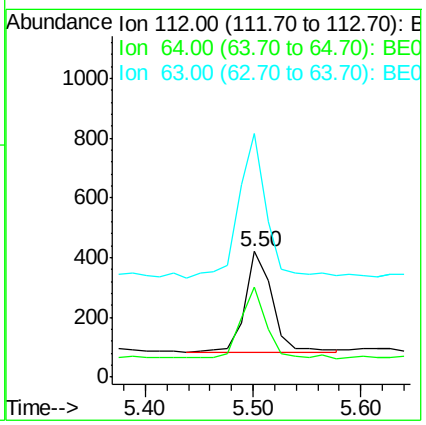


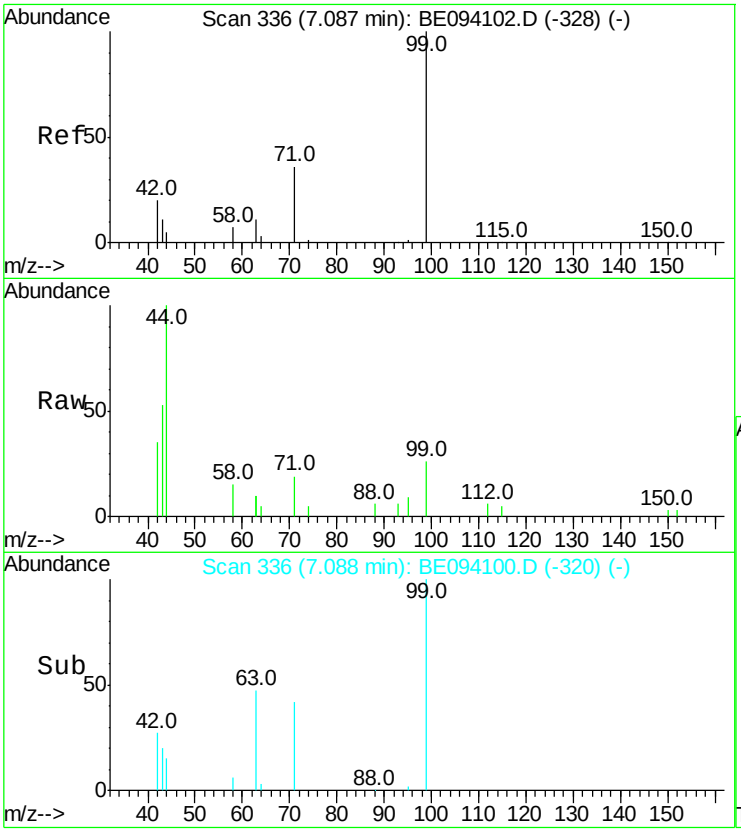


#4
2-Fluorophenol
Concen: 0.084 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:112 Resp: 600

Ion	Ratio	Lower	Upper
112	100		
64	67.5	60.1	90.1
63	148.8	116.8	175.2



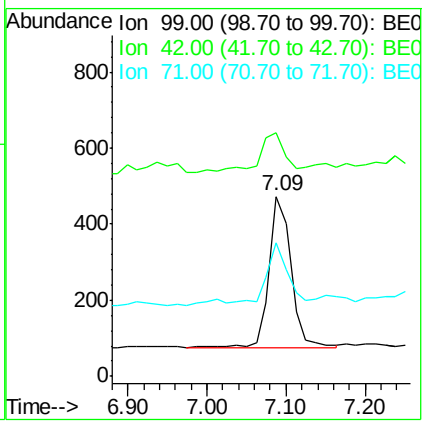


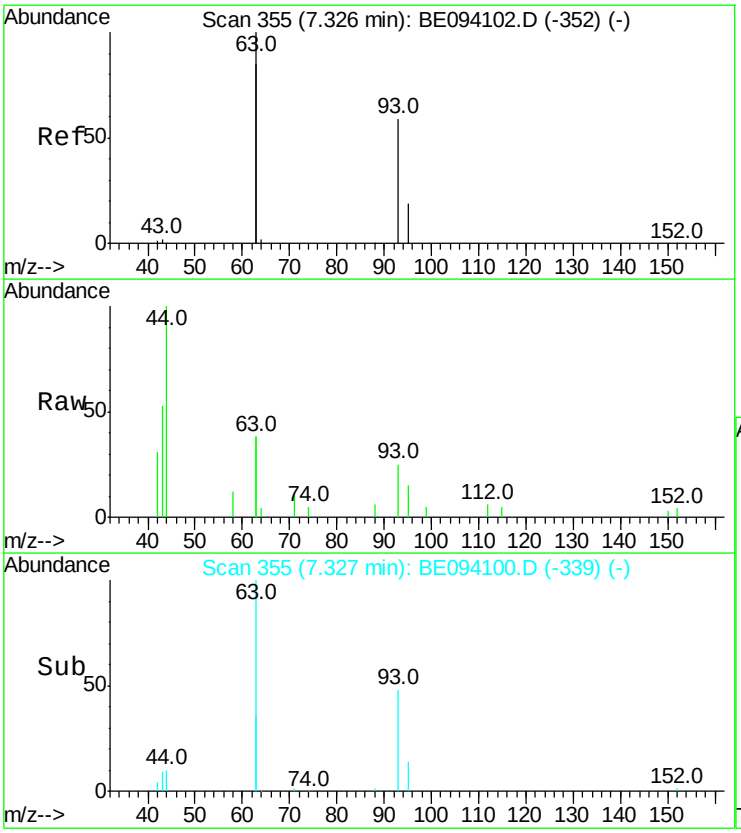
#5
Phenol-d6
Concen: 0.096 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 774

Ion	Ratio	Lower	Upper
99	100		
42	30.6	20.2	30.2#
71	35.5	28.4	42.6

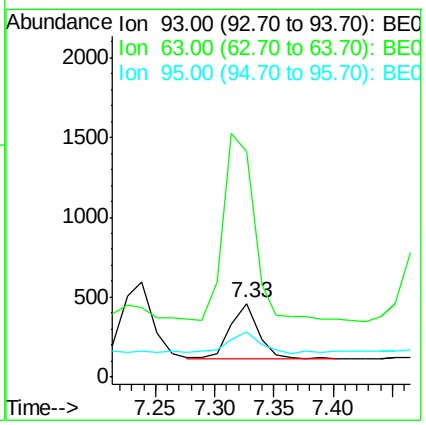


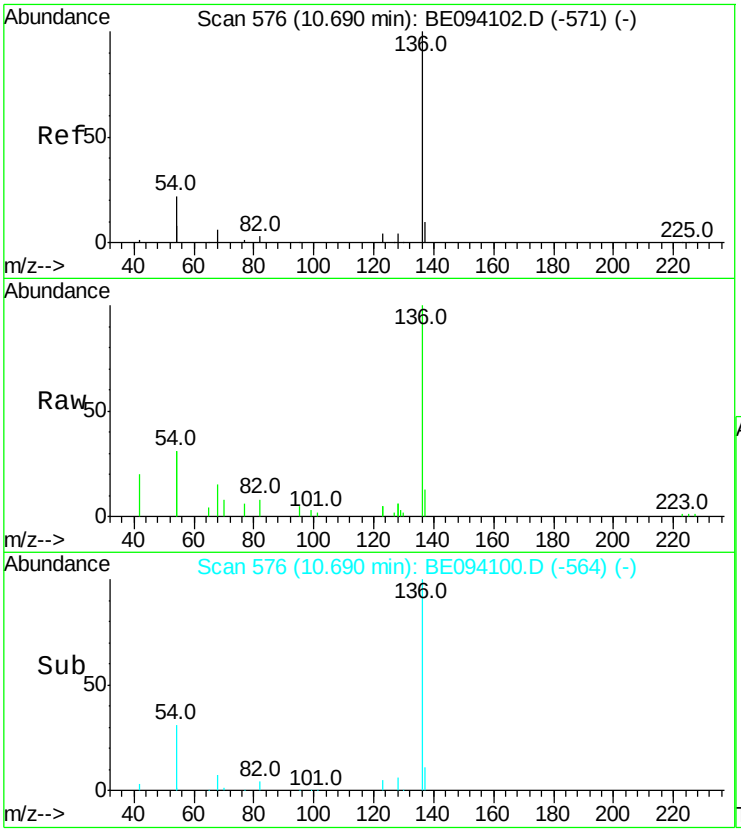


#6
bis(2-Chloroethyl)ether
Concen: 0.099 ng
RT: 7.33 min Scan# 355
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion: 93 Resp: 596

Ion	Ratio	Lower	Upper
93	100		
63	367.4	275.3	412.9
95	42.3	25.2	37.8#



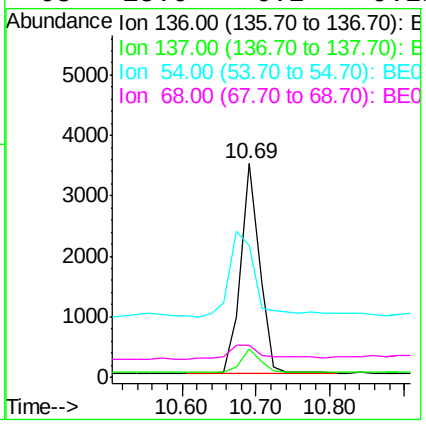


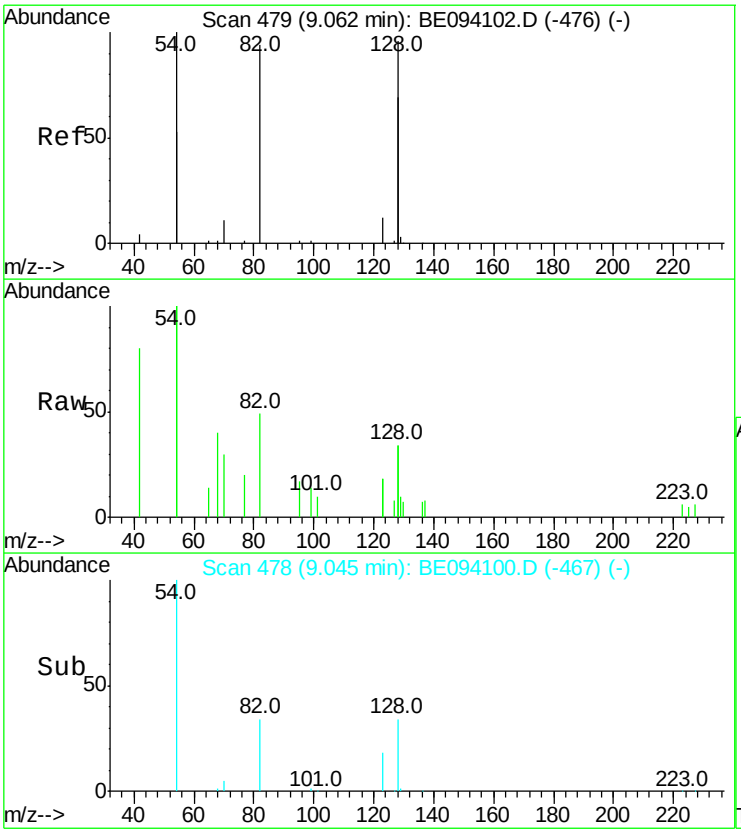
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6147

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.5	14.3
54	61.5	29.1	43.7#
68	15.0	6.2	9.2#

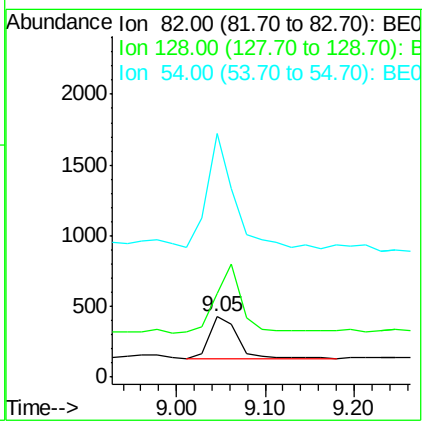


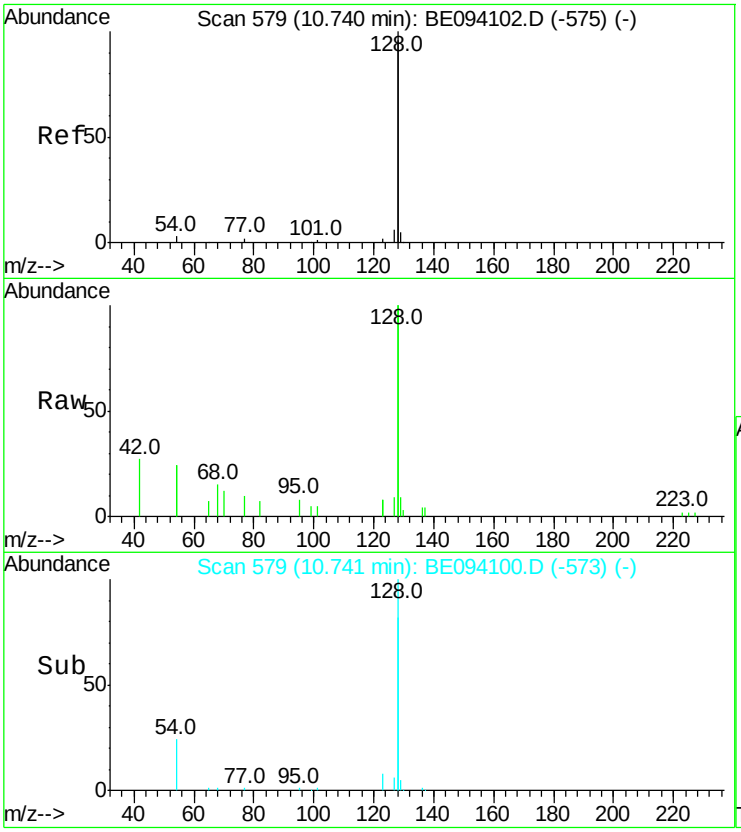


#8
Nitrobenzene-d5
Concen: 0.127 ng
RT: 9.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion: 82 Resp: 694

Ion	Ratio	Lower	Upper
82	100		
128	138.0	150.0	225.0#
54	404.2	154.2	231.4#



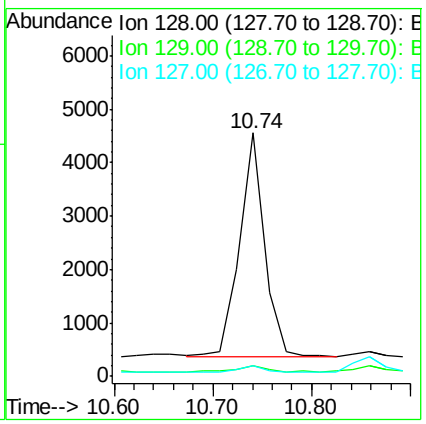


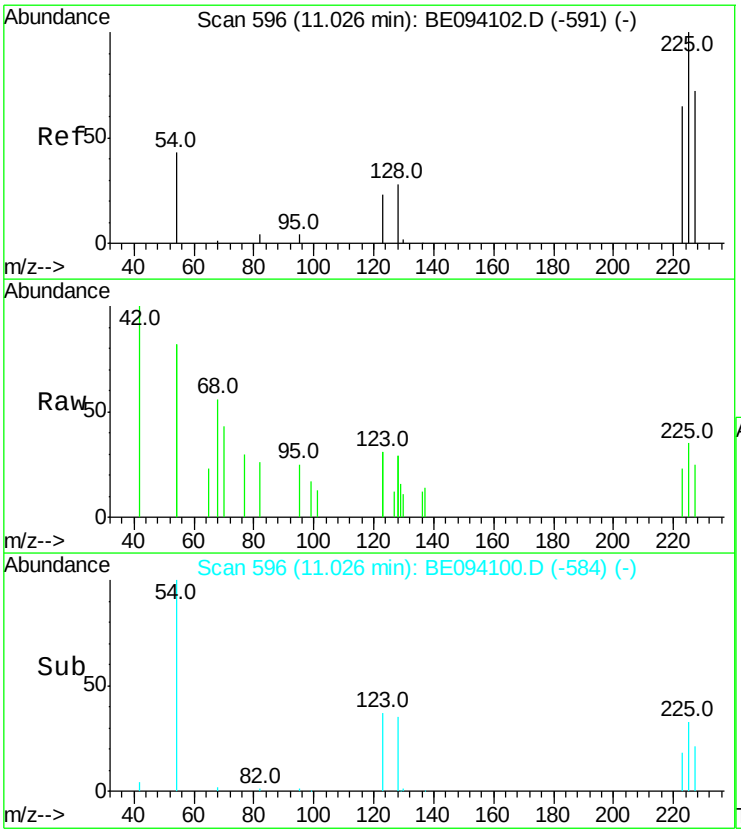
#9
Naphthalene
Concen: 0.094 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 7327

Ion	Ratio	Lower	Upper
128	100		
129	4.5	2.6	3.8#
127	4.5	2.8	4.2#

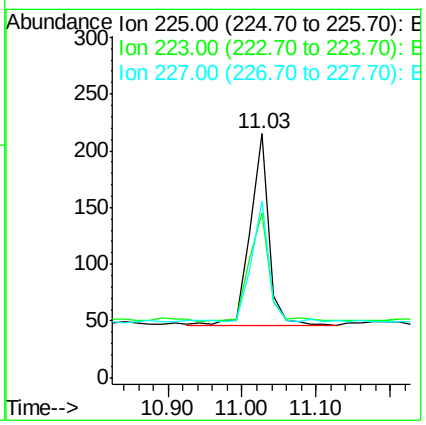


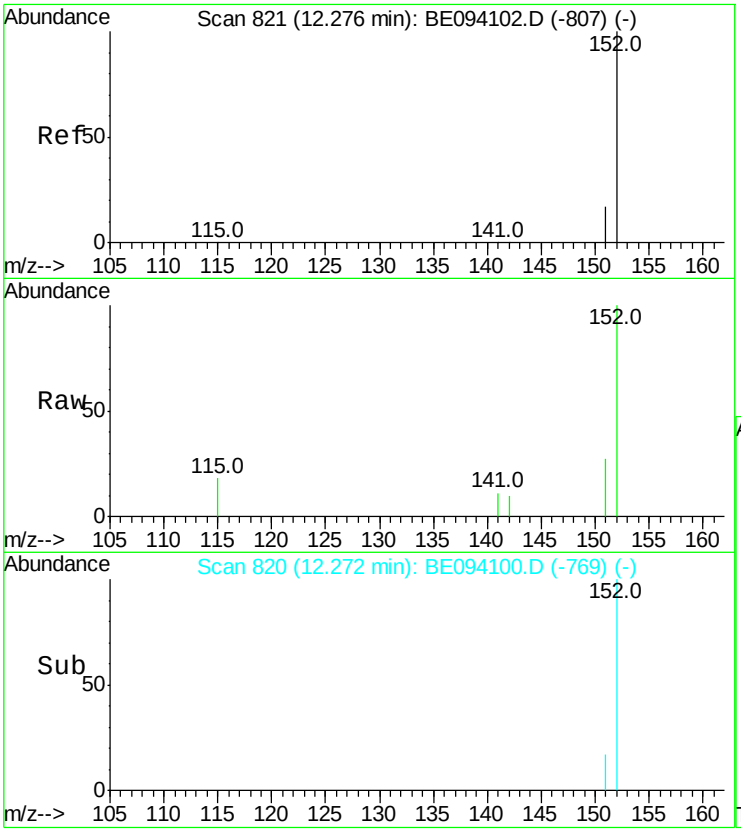


#10
Hexachlorobutadiene
Concen: 0.120 ng
RT: 11.03 min Scan# 596
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:225 Resp: 298

Ion	Ratio	Lower	Upper
225	100		
223	64.8	53.0	79.6
227	57.7	51.4	77.2



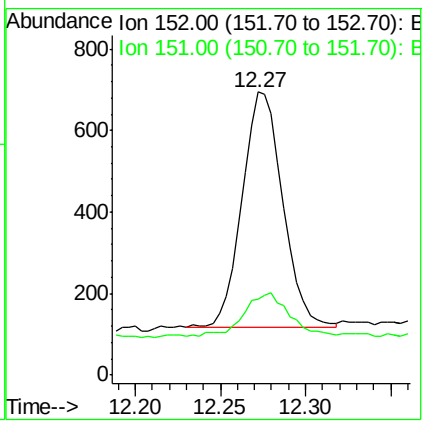


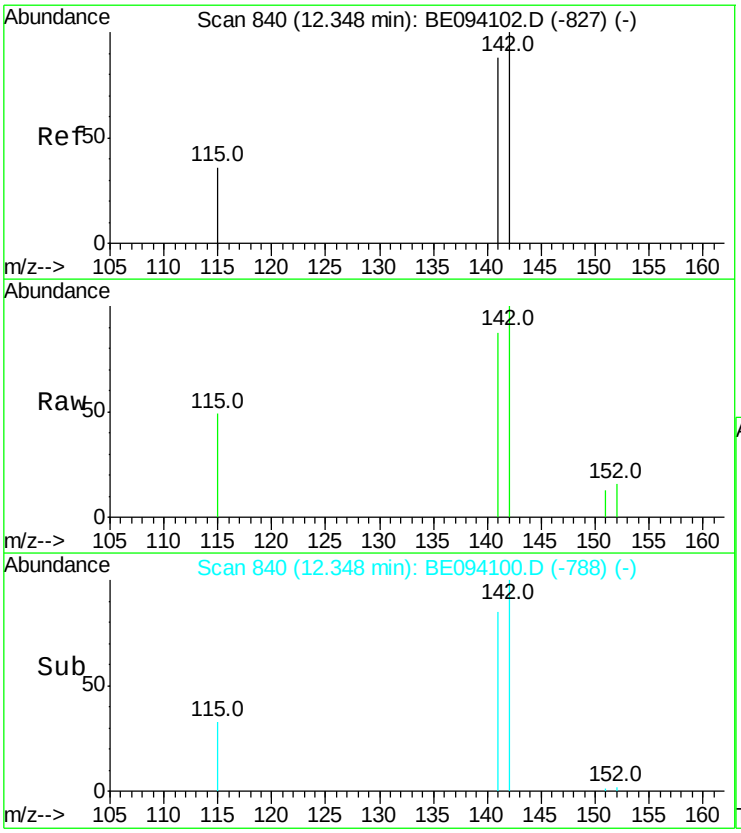
#11
2-Methylnaphthalene-d10
Concen: 0.094 ng
RT: 12.27 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 974

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.4	23.0

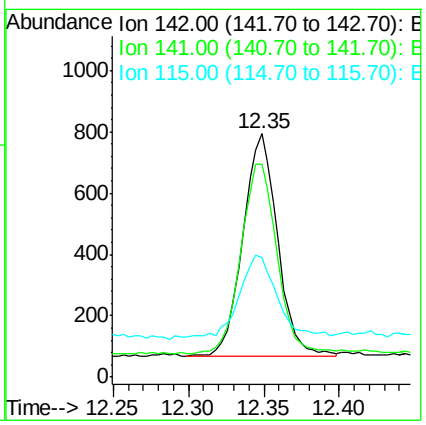


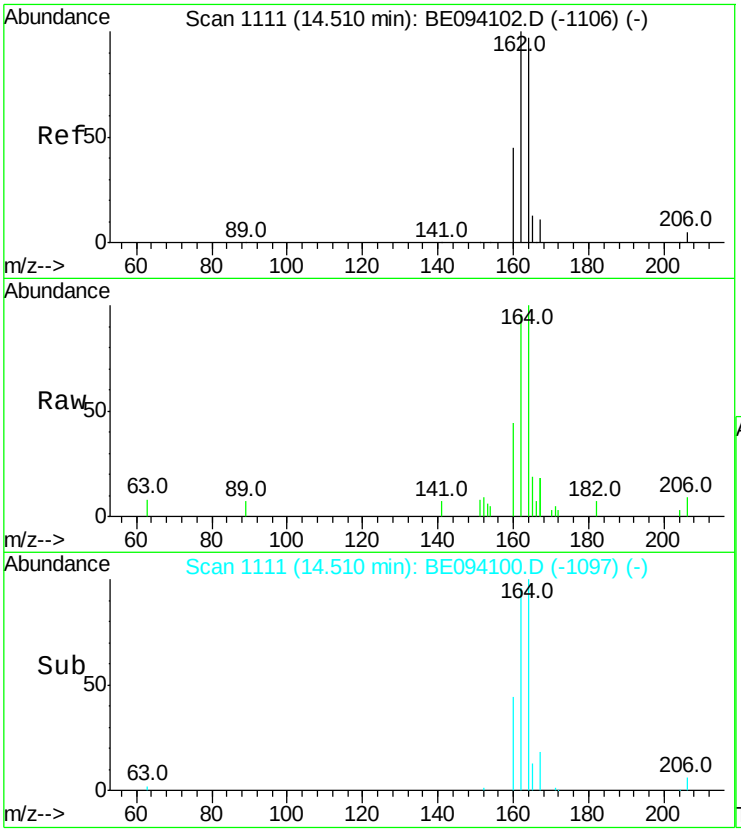


#12
2-Methylnaphthalene
Concen: 0.094 ng
RT: 12.35 min Scan# 840
Delta R.T. -0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:142 Resp: 1165

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	49.1	31.7	47.5#



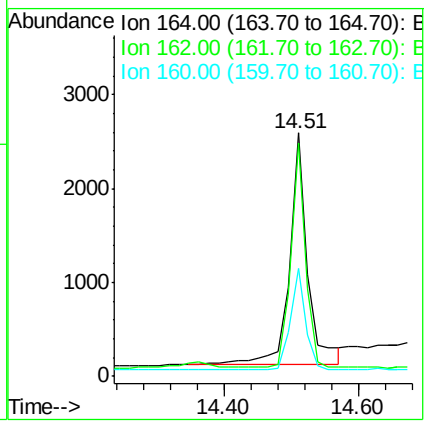


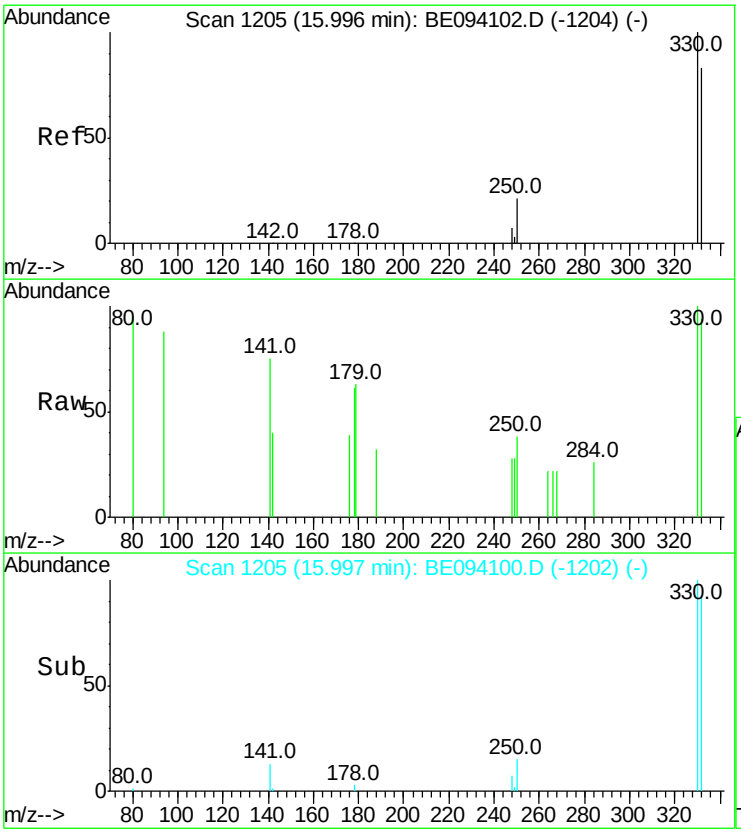
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4710

Ion	Ratio	Lower	Upper
164	100		
162	95.9	83.1	124.7
160	44.4	37.1	55.7

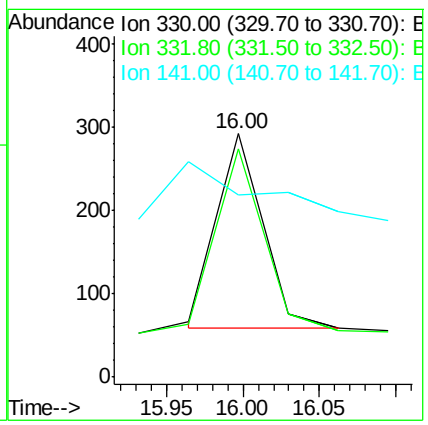


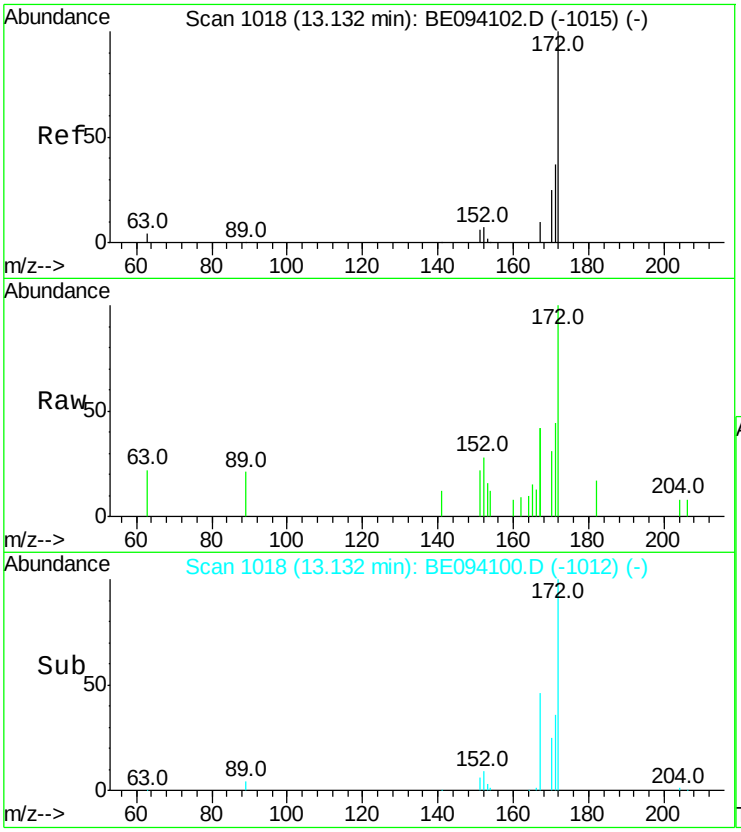


#14
2,4,6-Tribromophenol
Concen: 0.138 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:330 Resp: 493

Ion	Ratio	Lower	Upper
330	100		
332	94.3	152.7	229.1#
141	0.0	33.7	50.5#



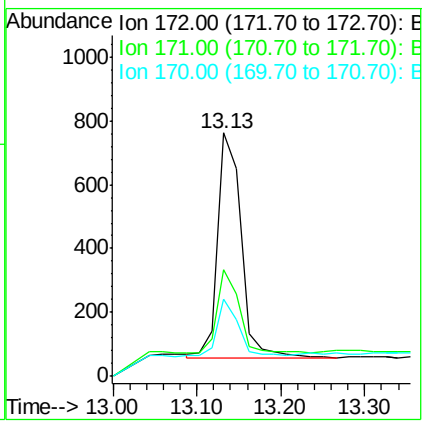


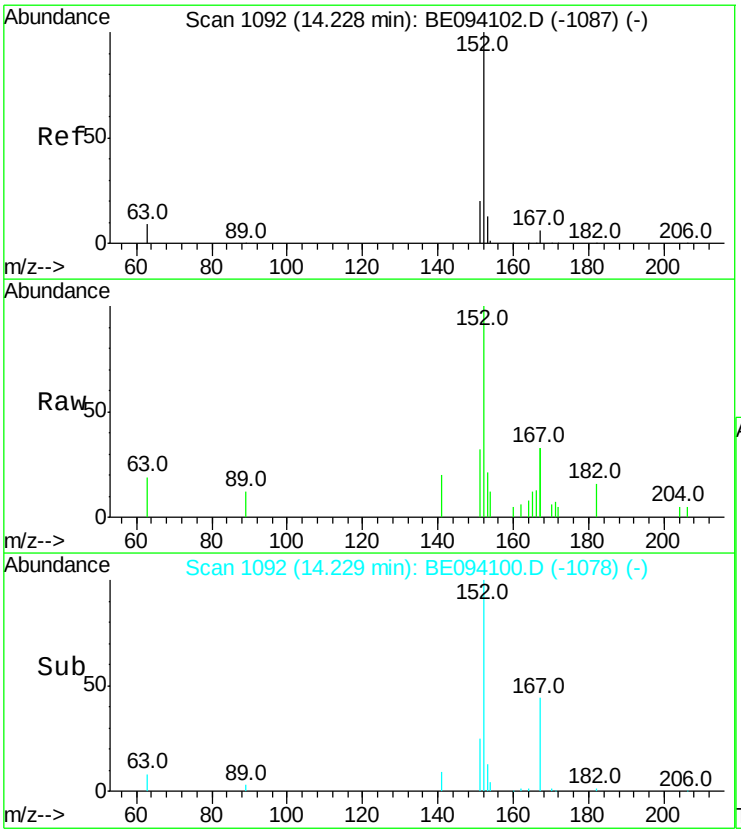
#15
2-Fluorobiphenyl
Concen: 0.088 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1358

Ion	Ratio	Lower	Upper
172	100		
171	43.6	29.9	44.9
170	31.5	21.8	32.8

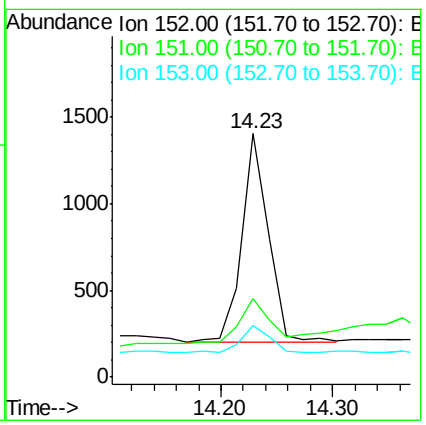


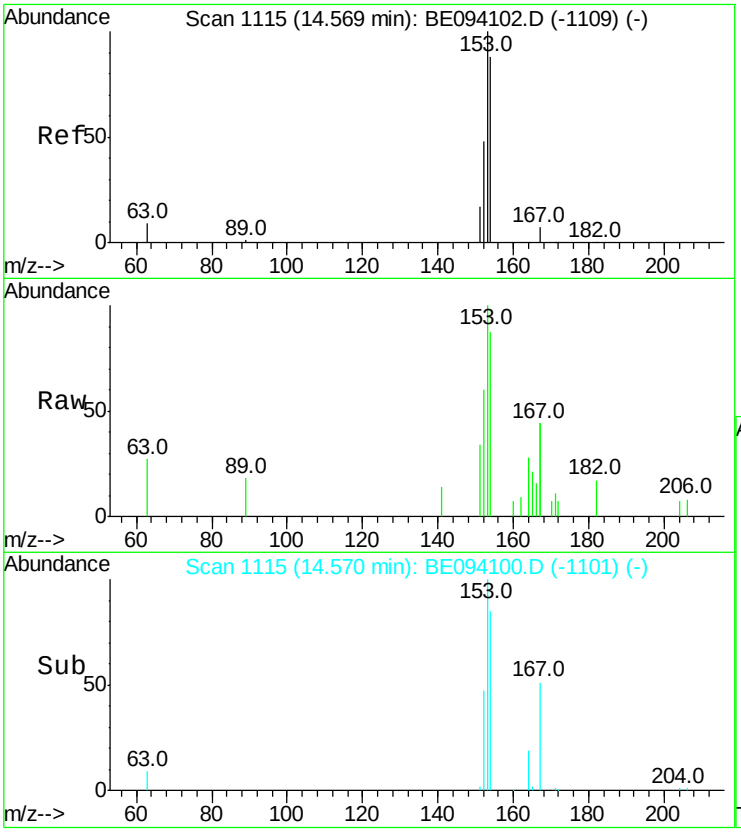


#16
Acenaphthylene
Concen: 0.084 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:152 Resp: 1991

Ion	Ratio	Lower	Upper
152	100		
151	27.1	15.7	23.5#
153	14.8	10.5	15.7



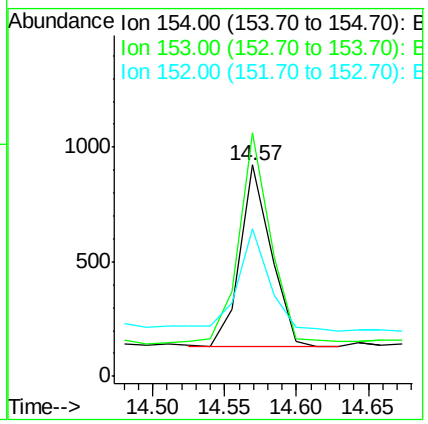


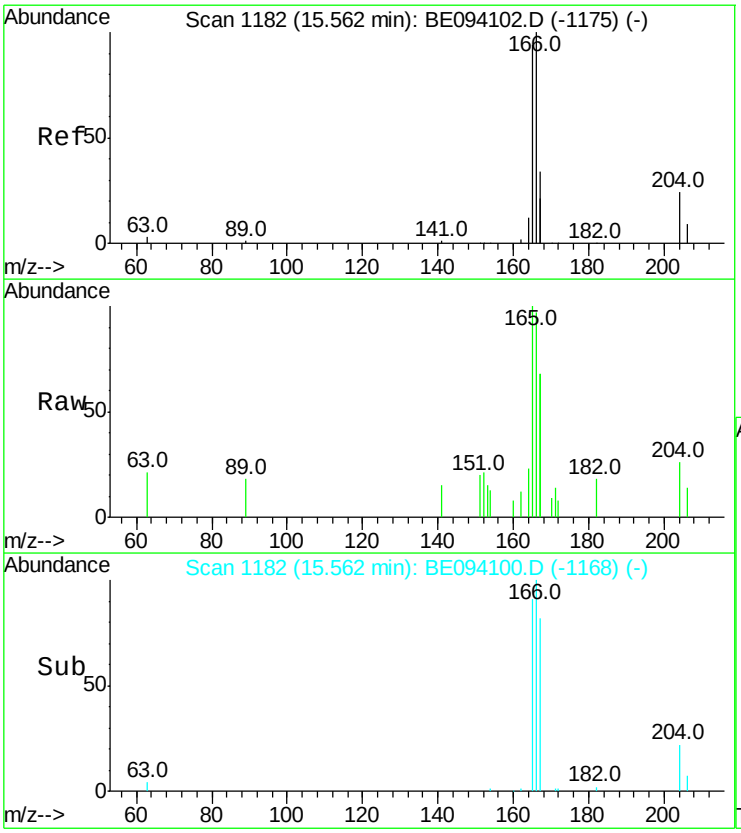
#17
Acenaphthene
Concen: 0.075 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1185

Ion	Ratio	Lower	Upper
154	100		
153	123.5	89.2	133.8
152	56.5	42.0	63.0

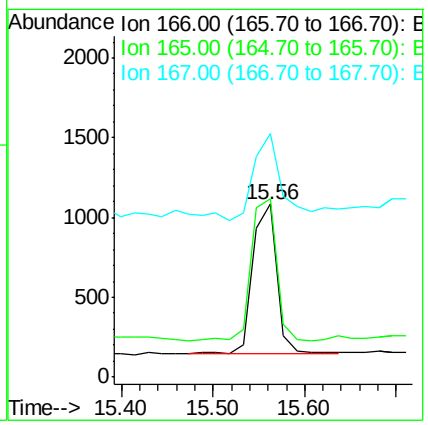


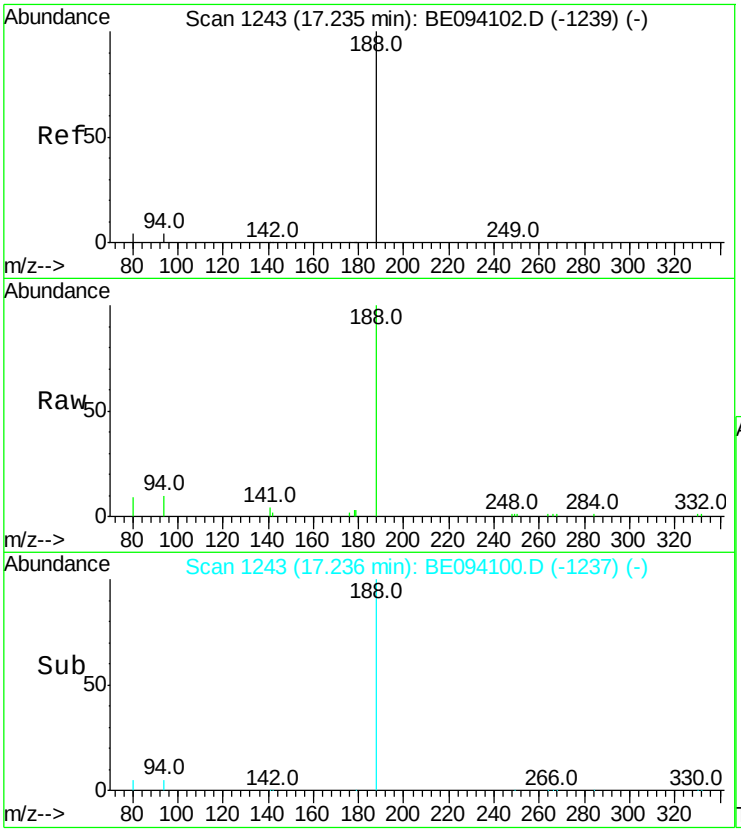


#18
Fluorene
Concen: 0.072 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:166 Resp: 1695

Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.8	116.6
167	67.6	42.4	63.6#



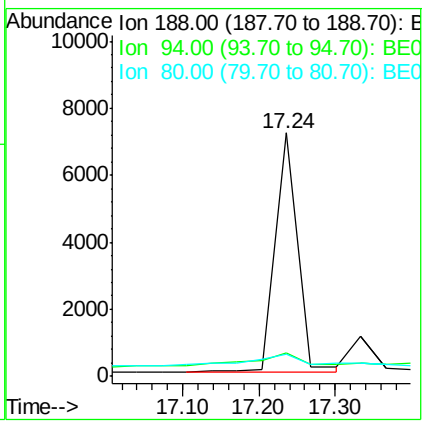


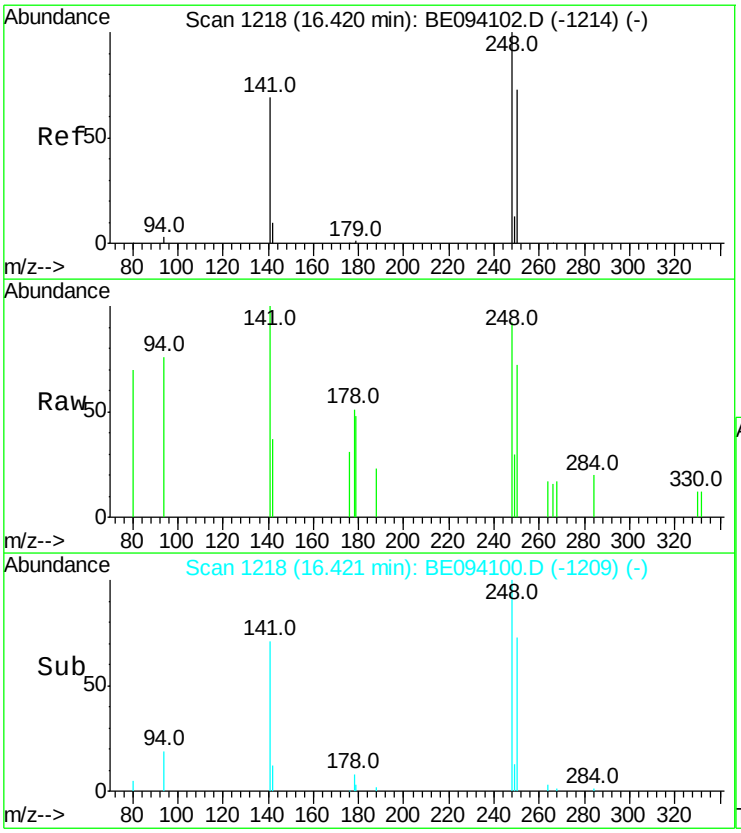
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 14655

Ion	Ratio	Lower	Upper
188	100		
94	9.5	3.9	5.9#
80	9.0	3.6	5.4#

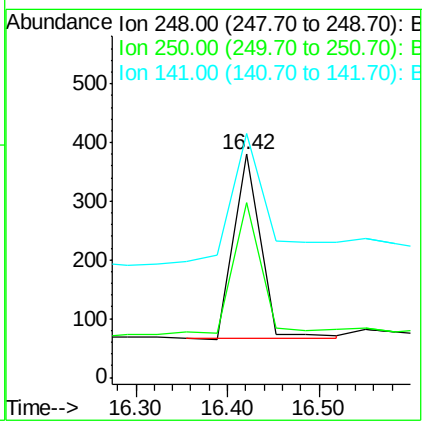


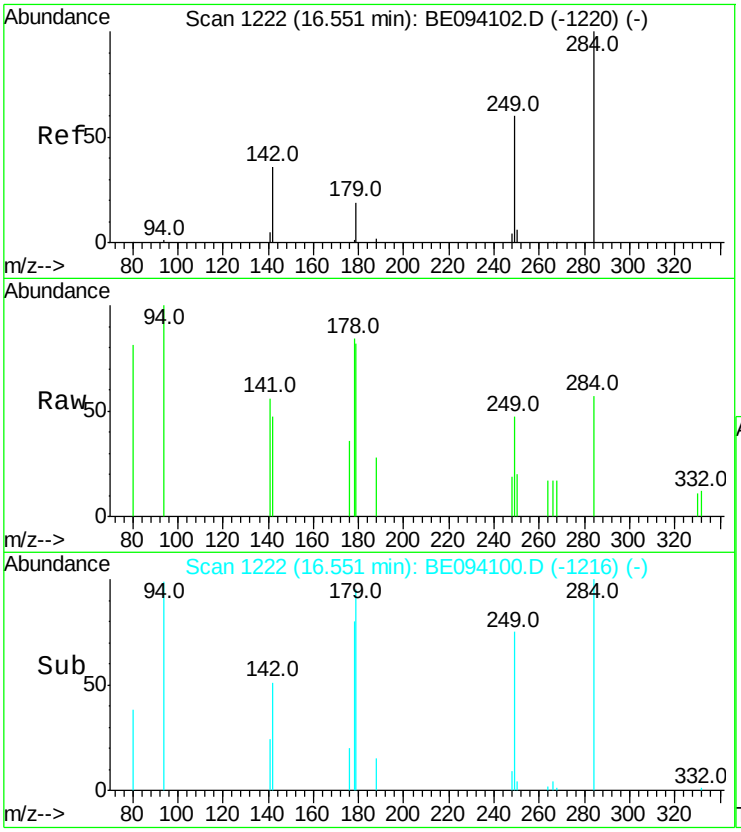


#20
4-Bromophenyl-phenylether
Concen: 0.083 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:248 Resp: 649

Ion	Ratio	Lower	Upper
248	100		
250	78.4	62.7	94.1
141	109.2	48.2	72.2#



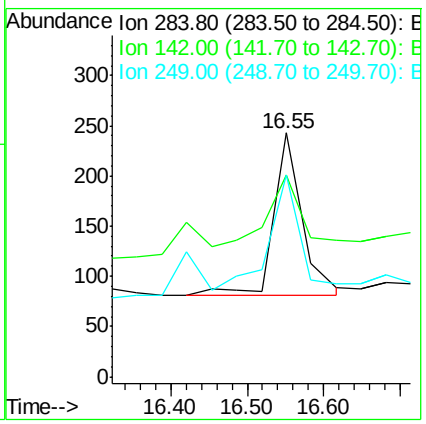


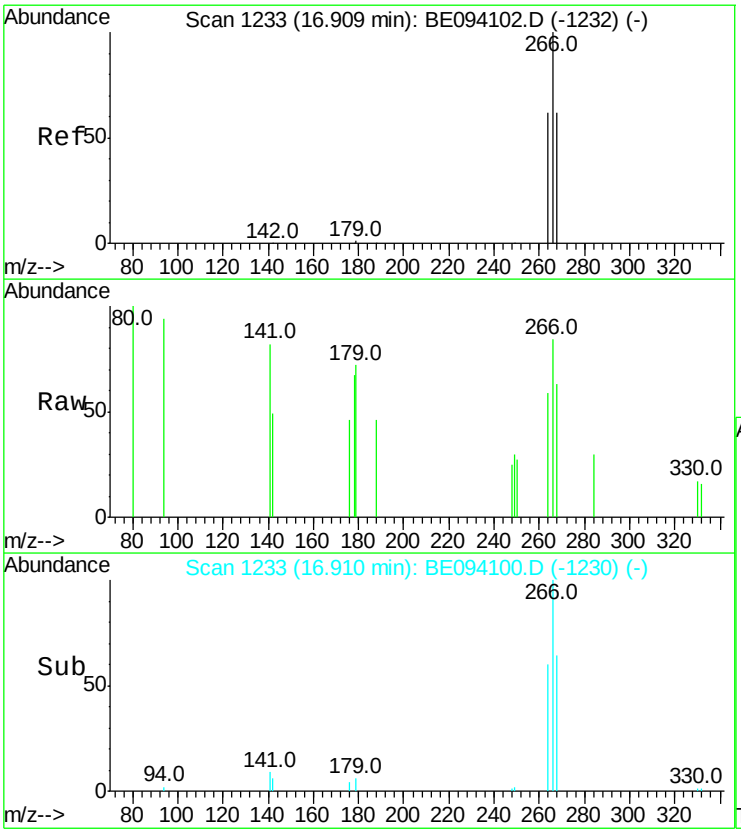
#21
Hexachlorobenzene
Concen: 0.074 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 426

Ion	Ratio	Lower	Upper
284	100		
142	53.3	22.1	33.1#
249	77.2	34.8	52.2#

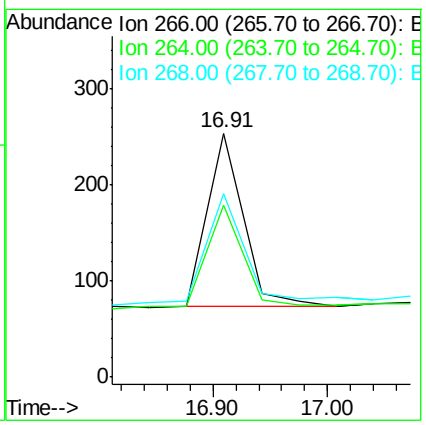


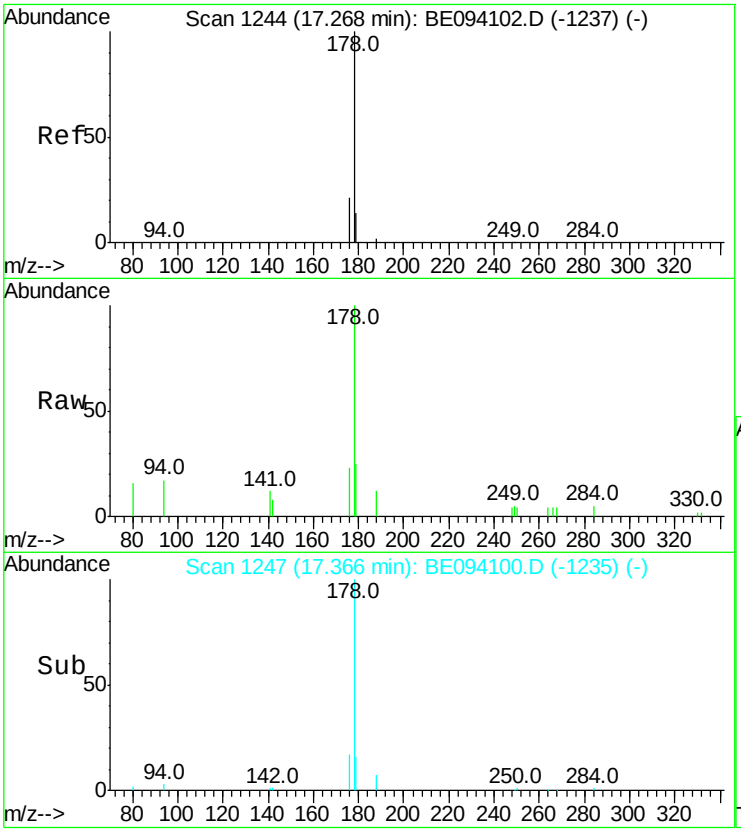


#22
Pentachlorophenol
Concen: 0.945 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:266 Resp: 387

Ion	Ratio	Lower	Upper
266	100		
264	70.8	72.5	108.7#
268	75.1	73.8	110.6



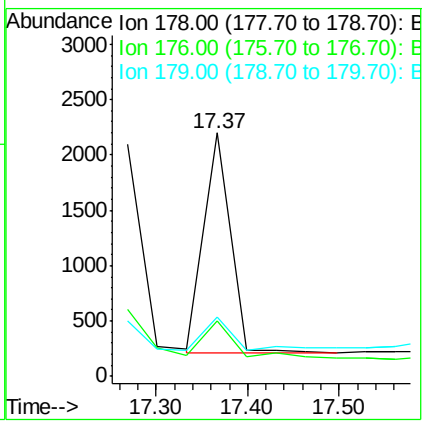


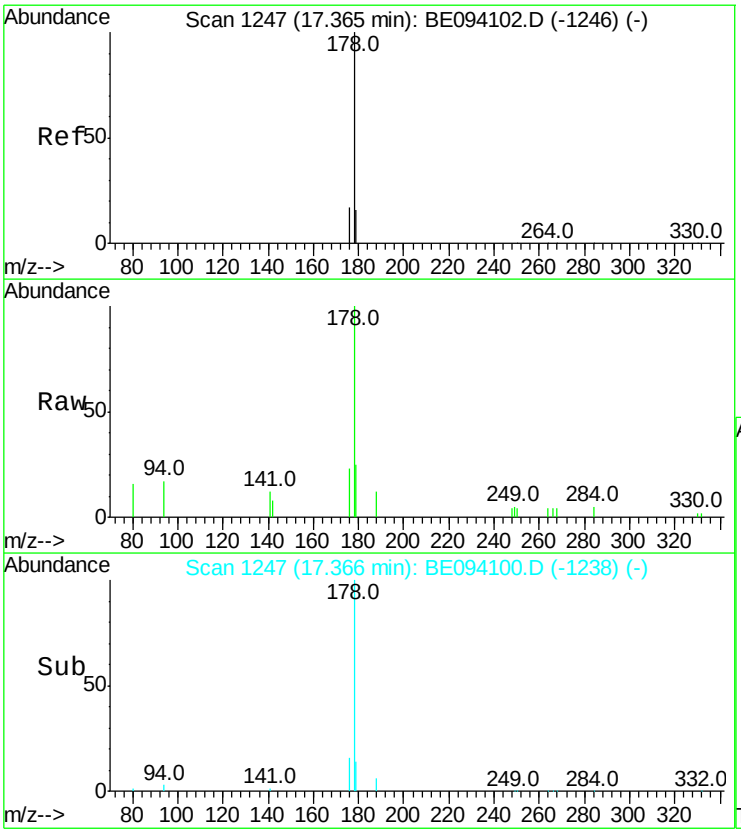
#23
Phenanthrene
Concen: 0.075 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.10 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3962

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	16.9	11.8	17.6

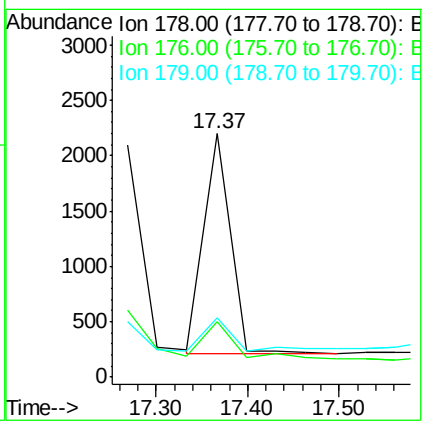


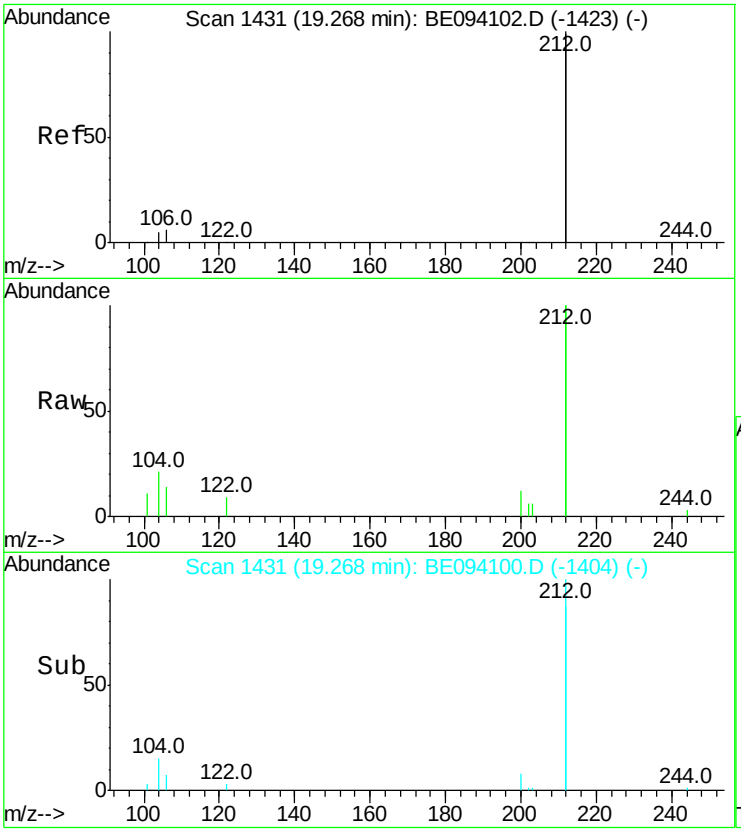


#24
Anthracene
Concen: 0.098 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:178 Resp: 3962

Ion	Ratio	Lower	Upper
178	100		
176	20.4	12.8	19.2#
179	16.9	13.0	19.6



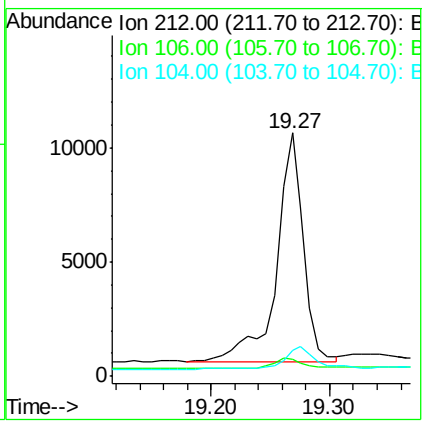


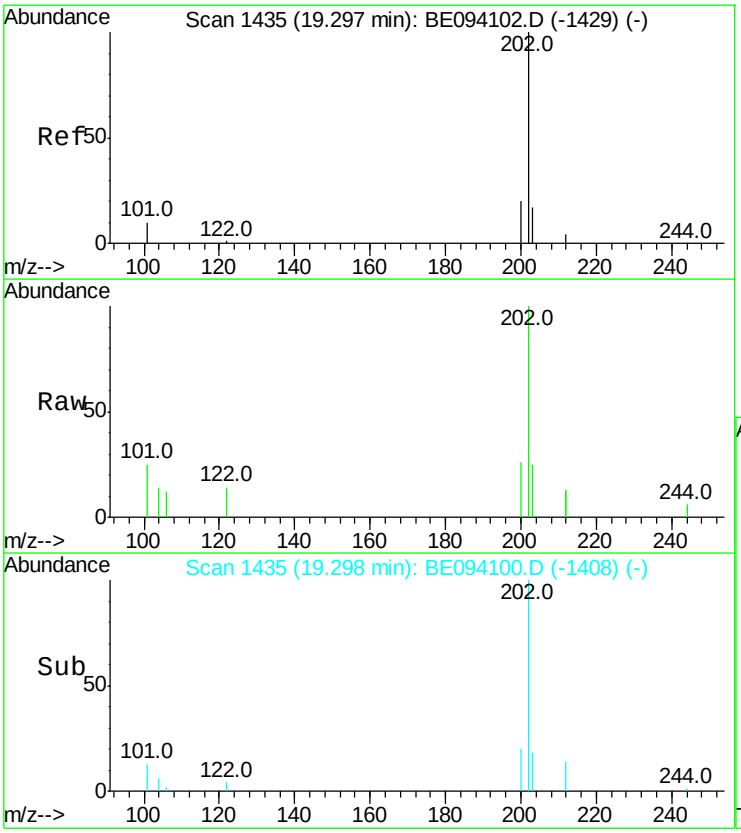
#25
Fluoranthene-d10
Concen: 0.084 ng
RT: 19.27 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 15798

Ion	Ratio	Lower	Upper
212	100		
106	4.9	2.8	4.2#
104	11.5	1.6	2.4#

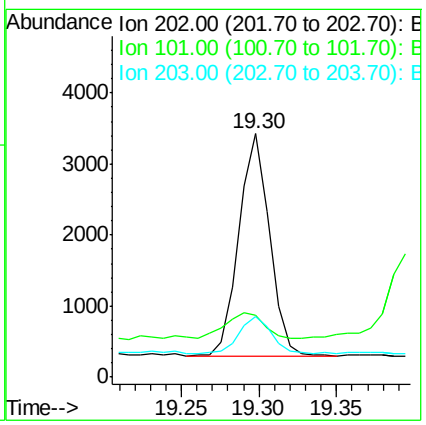


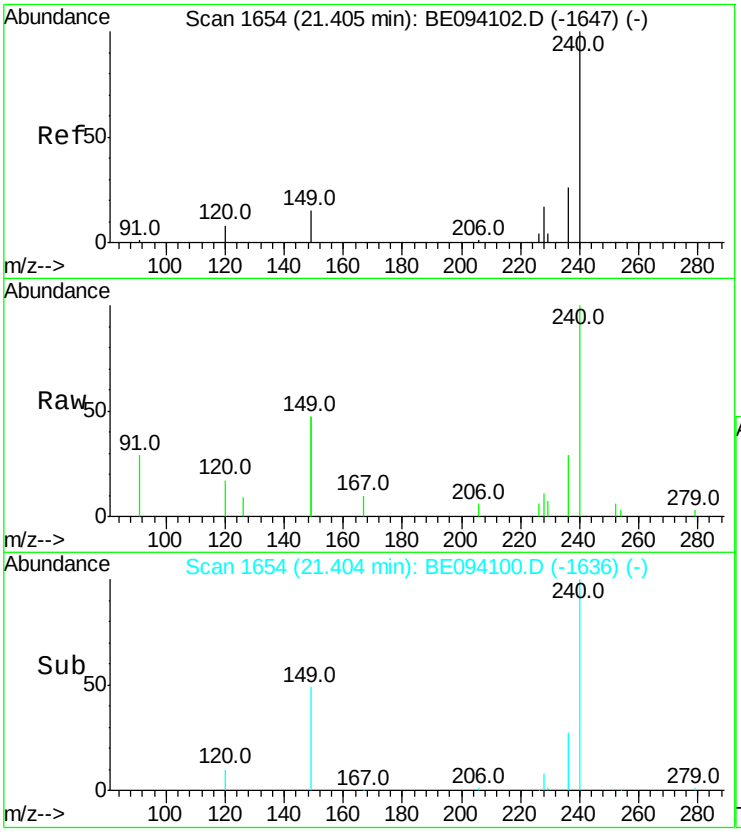


#26
Fluoranthene
Concen: 0.077 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:202 Resp: 4318

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.8	14.8
203	18.4	13.7	20.5



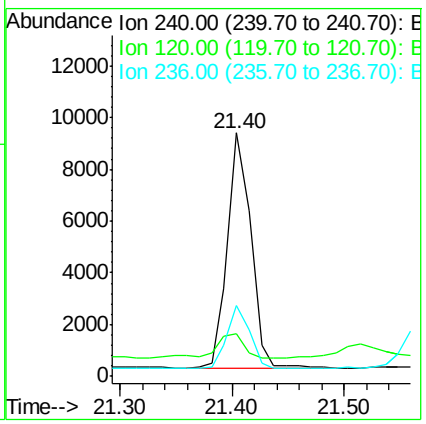


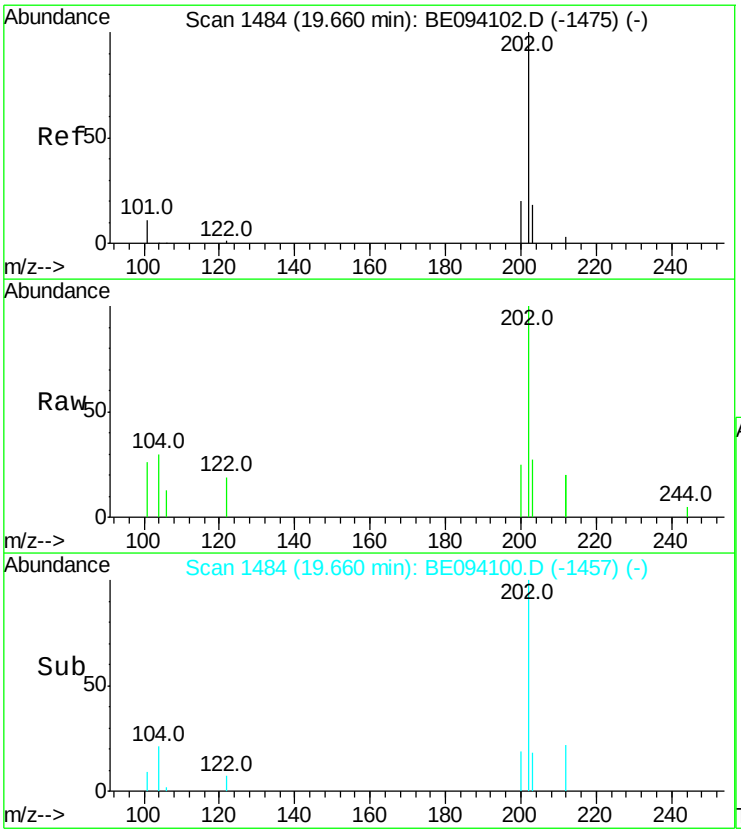
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 13212

Ion	Ratio	Lower	Upper
240	100		
120	17.5	5.5	8.3#
236	29.1	20.7	31.1

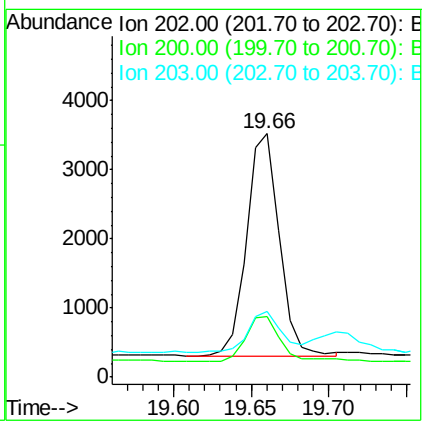


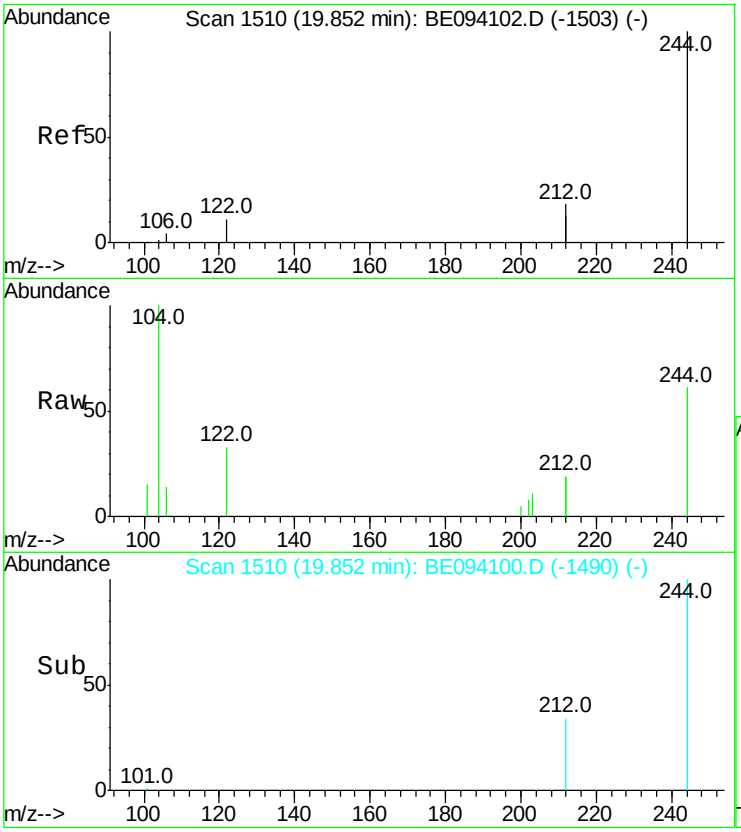


#28
Pyrene
Concen: 0.128 ng
RT: 19.66 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:202 Resp: 4686

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.6	25.0
203	19.2	13.8	20.8



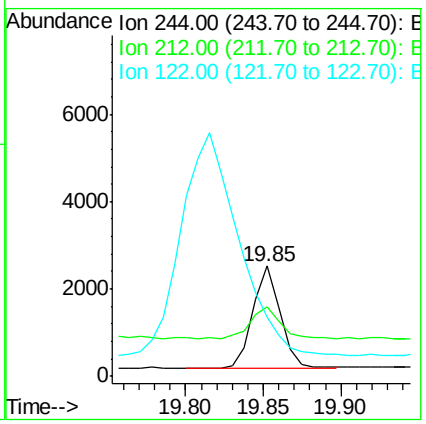


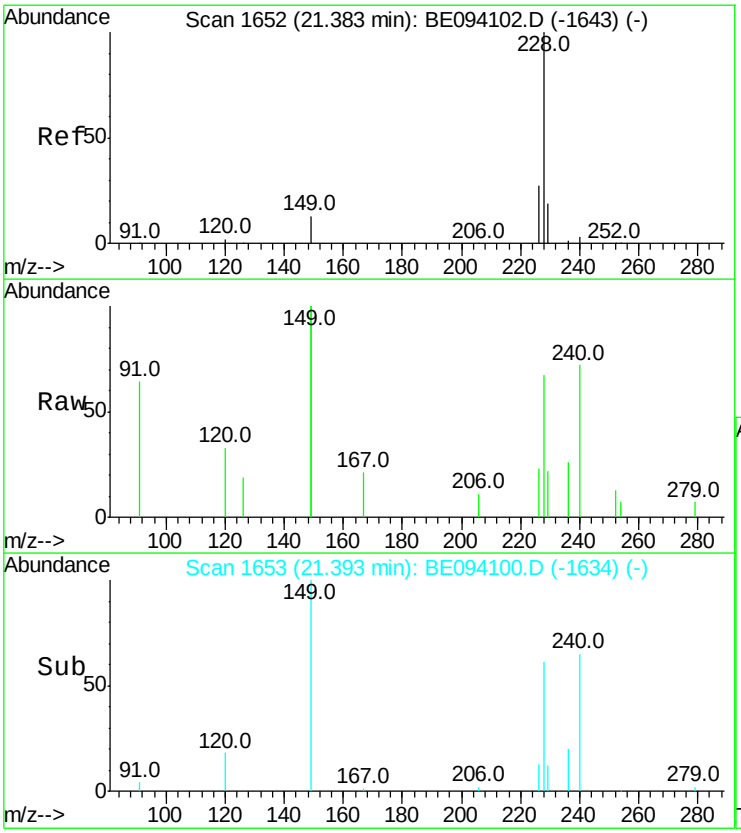
#29
Terphenyl-d14
Concen: 0.140 ng
RT: 19.85 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2890

Ion	Ratio	Lower	Upper
244	100		
212	63.4	25.4	38.0#
122	54.2	8.1	12.1#

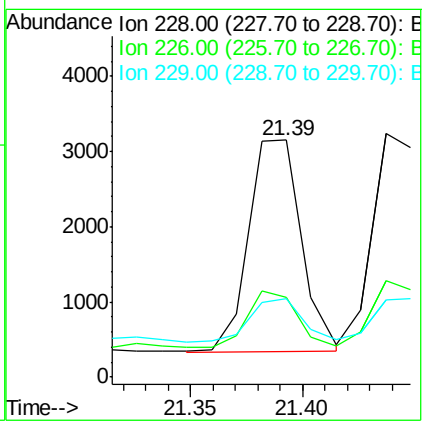


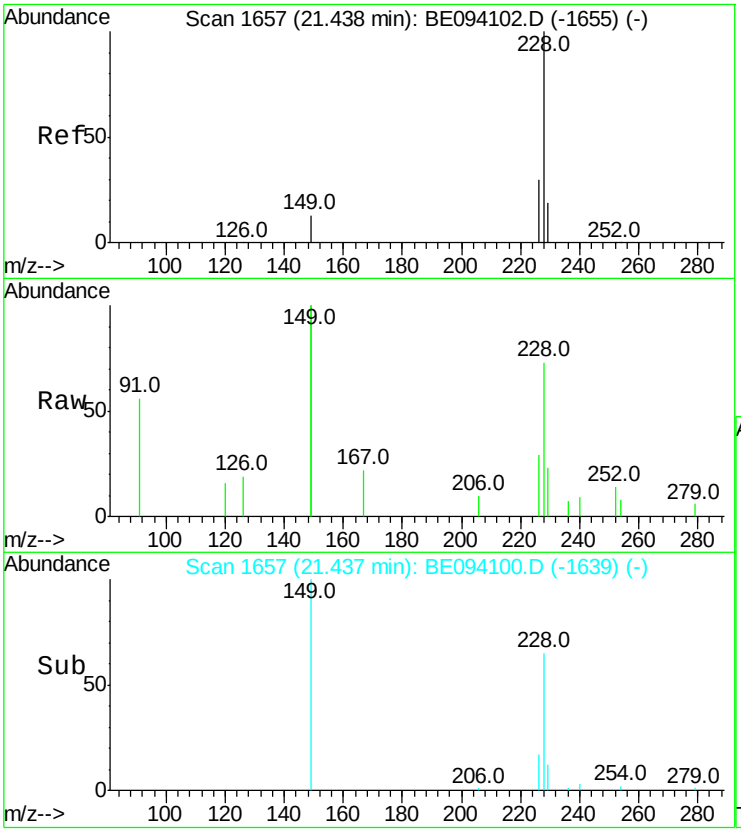


#30
Benzo(a)anthracene
Concen: 0.105 ng
RT: 21.39 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:228 Resp: 4639

Ion	Ratio	Lower	Upper
228	100		
226	33.7	21.4	32.0#
229	33.4	16.4	24.6#



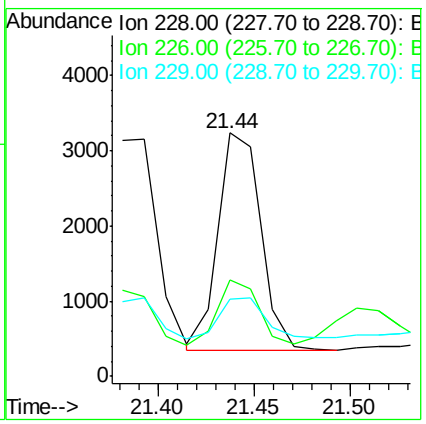


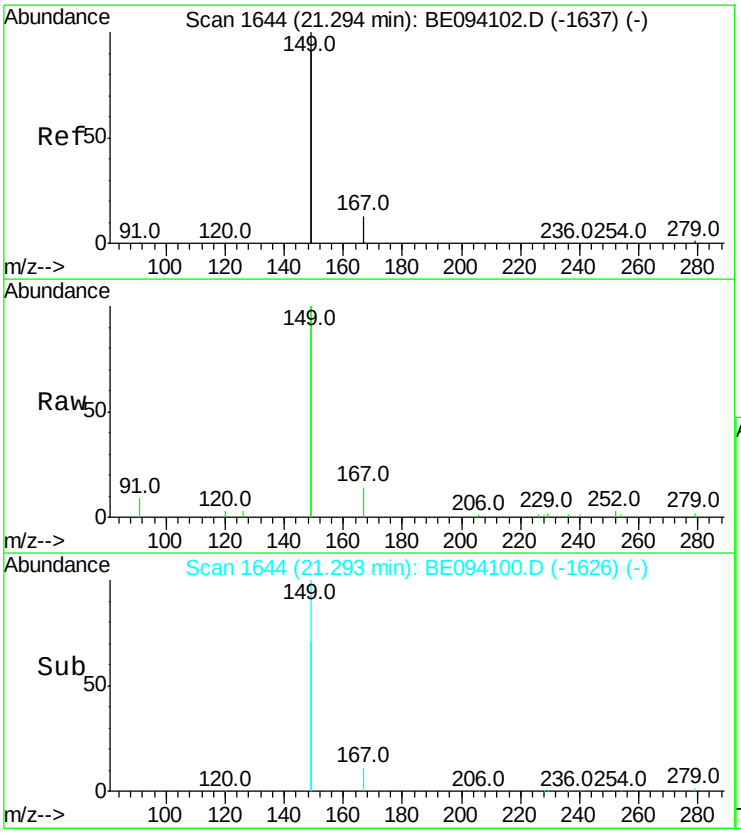
#31
Chrysene
Concen: 0.103 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4473

Ion	Ratio	Lower	Upper
228	100		
226	39.4	23.6	35.4#
229	31.7	16.4	24.6#

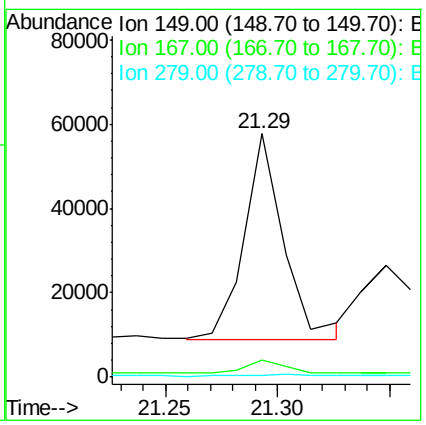


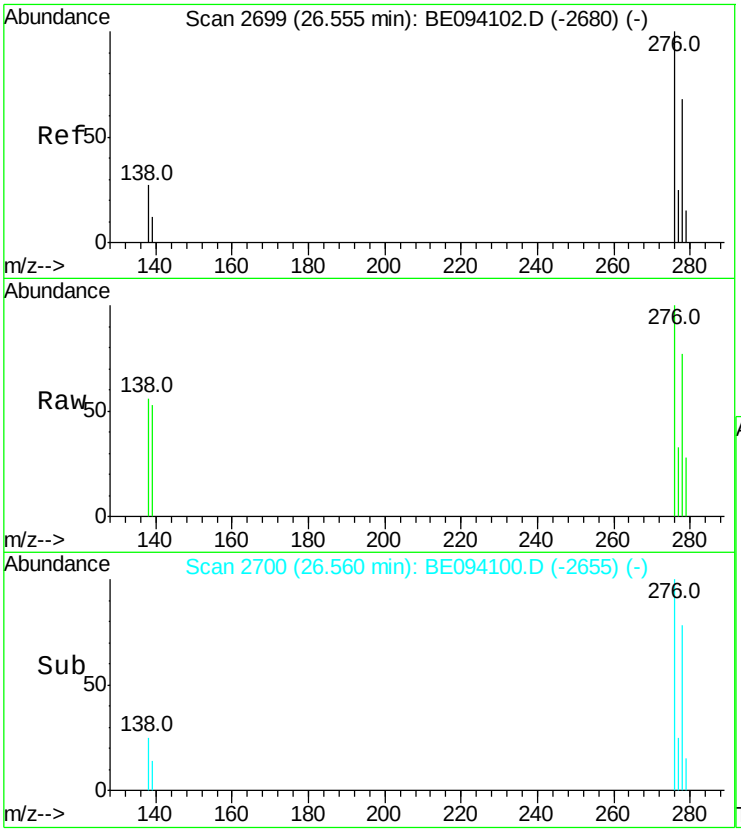


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.508 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:149 Resp: 60385

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1



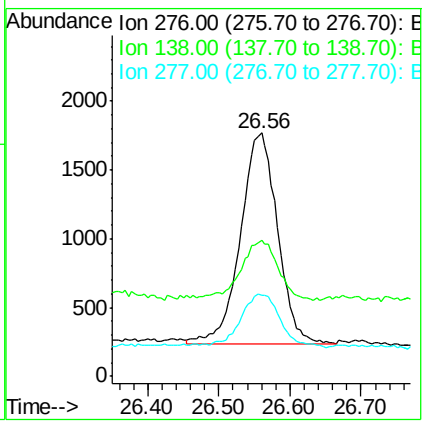


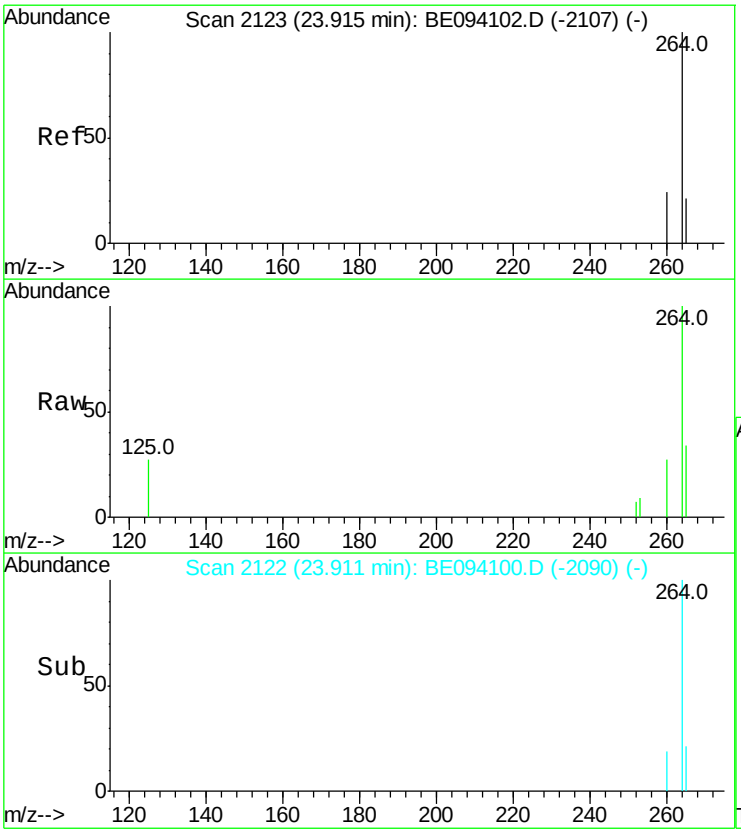
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng
RT: 26.56 min Scan# 2700
Delta R.T. 0.01 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5513

Ion	Ratio	Lower	Upper
276	100		
138	29.1	22.5	33.7
277	27.6	19.9	29.9

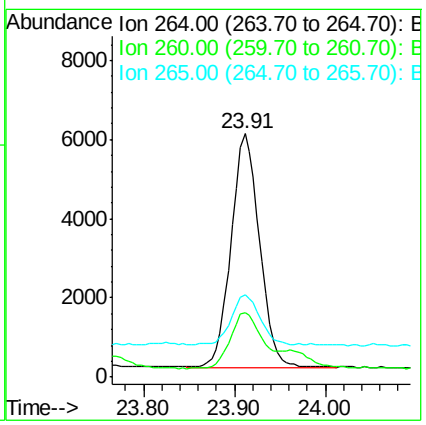


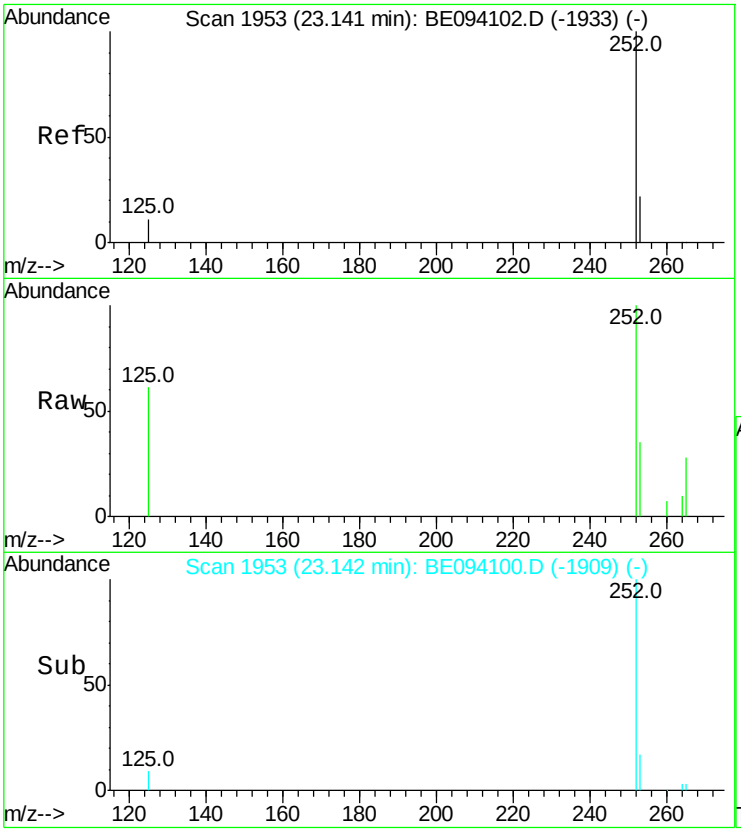


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:264 Resp: 12734

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.5	30.7
265	33.7	22.8	34.2



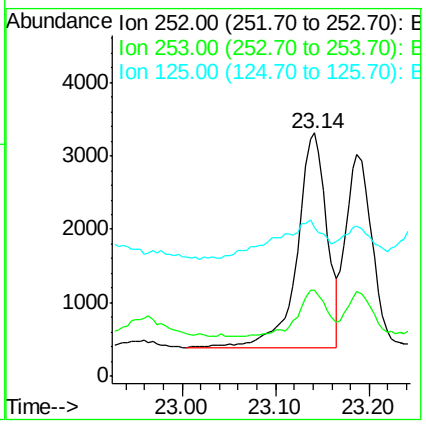


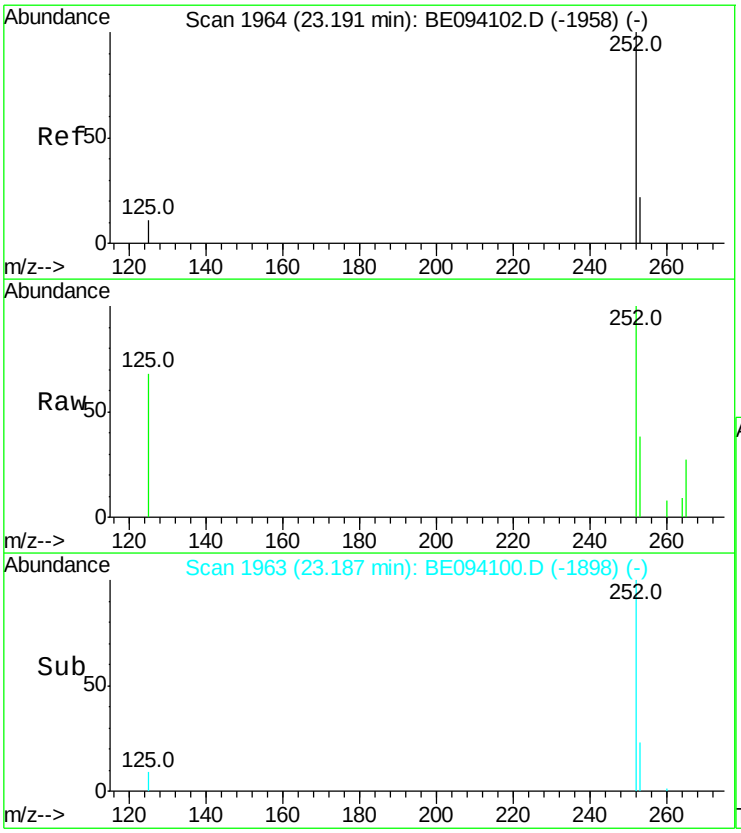
#35
Benzo(b)fluoranthene
Concen: 0.139 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6414

Ion	Ratio	Lower	Upper
252	100		
253	35.2	18.2	27.2#
125	61.1	10.1	15.1#

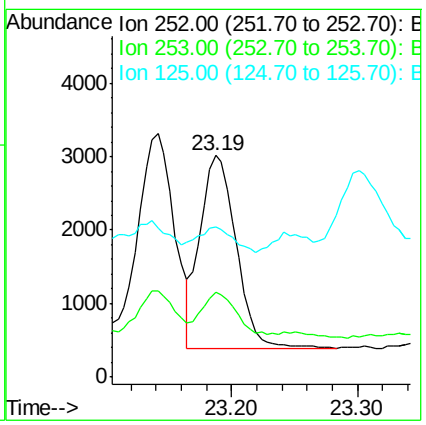


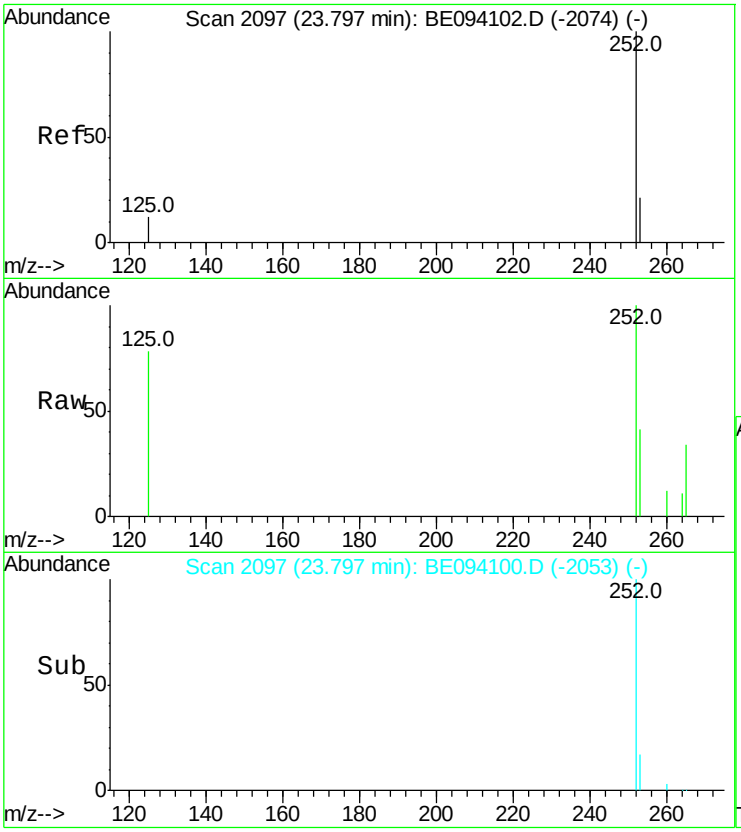


#36
Benzo(k)fluoranthene
Concen: 0.112 ng
RT: 23.19 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:252 Resp: 5180

Ion	Ratio	Lower	Upper
252	100		
253	38.3	18.6	27.8#
125	67.7	10.7	16.1#



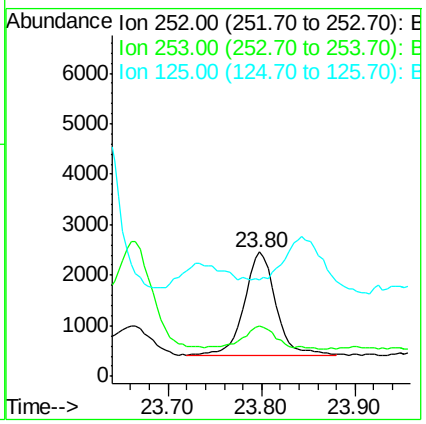


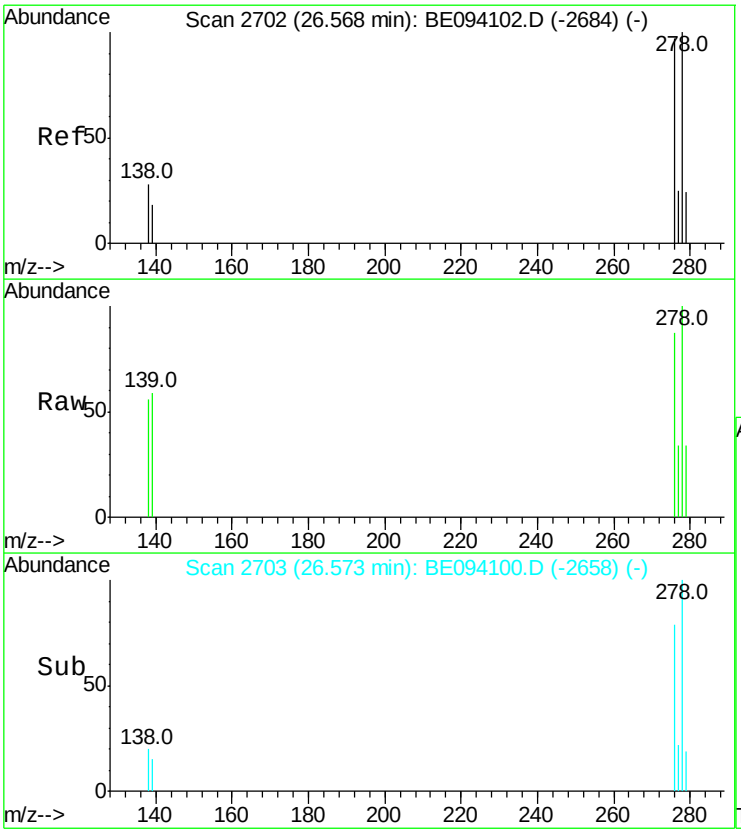
#37
Benzo(a)pyrene
Concen: 0.115 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4757

Ion	Ratio	Lower	Upper
252	100		
253	41.1	19.0	28.6#
125	78.1	11.8	17.8#

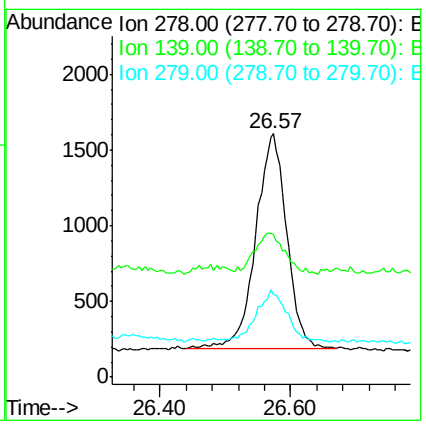


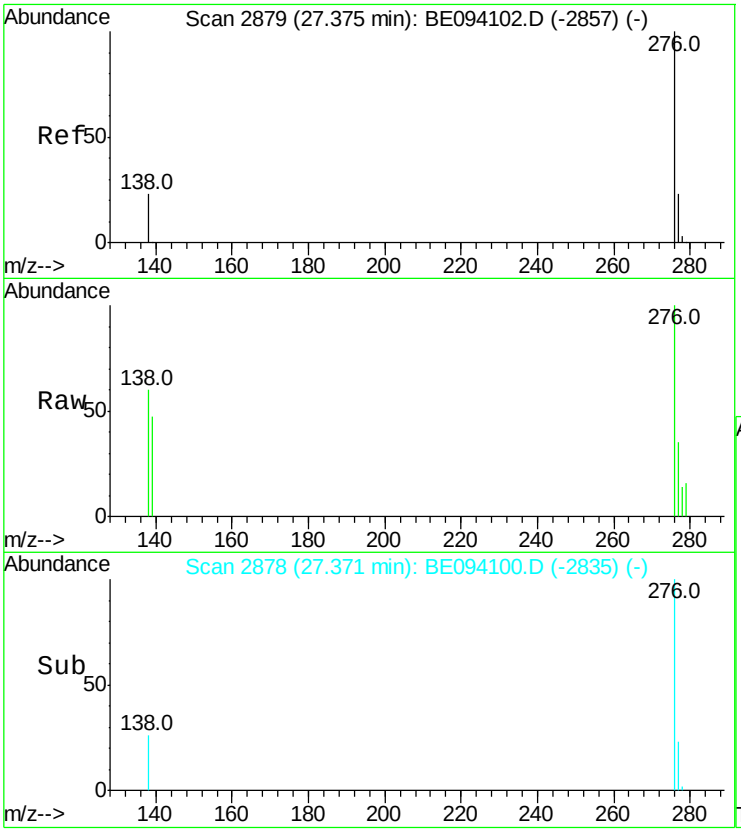


#38
Dibenzo(a,h)anthracene
Concen: 0.139 ng
RT: 26.57 min Scan# 2703
Delta R.T. 0.01 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Tgt Ion:278 Resp: 4607

Ion	Ratio	Lower	Upper
278	100		
139	58.7	16.3	24.5#
279	33.6	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.134 ng
RT: 27.37 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BE094100.D
Acq: 25 Sep 2017 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4425

Ion	Ratio	Lower	Upper
276	100		
277	34.6	20.8	31.2#
138	59.9	21.5	32.3#