Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094094.D
Acq On : 24 Sep 2017 1:03
Operator : SJ/JU
Sample : I5340-12MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 25 08:49:57 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	7.91	152	2262	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	12554	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	7964	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	25446	0.40	ng		0.00
27) Chrysene-d12	21.40	240	15253	0.40	ng		0.00
34) Perylene-d12	23.91	264	14663	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	3687	0.25	ng		0.00
5) Phenol-d6	7.09	99	5021	0.38	ng		0.00
8) Nitrobenzene-d5	9.05	82	4344	0.39	ng		-0.02
11) 2-Methylnaphthalene-d10	12.27	152	7443	0.35	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	2333	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	11626	0.44	ng		0.00
25) Fluoranthene-d10	19.27	212	70977	0.22	ng		0.00
29) Terphenyl-d14	19.85	244	10832	0.45	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.65	42	897	0.127	ng	#	1
9) Naphthalene	10.74	128	20868	0.023	ng		100
12) 2-Methylnaphthalene	12.34	142	3378	0.133	ng		98
16) Acenaphthylene	14.23	152	13943	0.348	ng		99
17) Acenaphthene	14.57	154	23336	0.877	ng		96
18) Fluorene	15.56	166	27632	0.698	ng		95
23) Phenanthrene	17.27	178	623626	6.842	ng		97
24) Anthracene	17.37	178	139566	1.986	ng	#	93
26) Fluoranthene	19.30	202	851320	8.705	ng		99
28) Pyrene	19.66	202	737684	17.480	ng	#	93
30) Benzo(a)anthracene	21.38	228	312021	6.108	ng		98
31) Chrysene	21.44	228	281877	5.631	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	49721	0.362	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	173279	4.478	ng		96
35) Benzo(b)fluoranthene	23.14	252	355337	6.696	ng		99
36) Benzo(k)fluoranthene	23.14	252	355337	6.673	ng		99
37) Benzo(a)pyrene	23.80	252	260881	5.475	ng		98
38) Dibenzo(a,h)anthracene	26.56	278	41637	1.091	ng		95
39) Benzo(g,h,i)perylene	27.38	276	173897	4.560	ng		97

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

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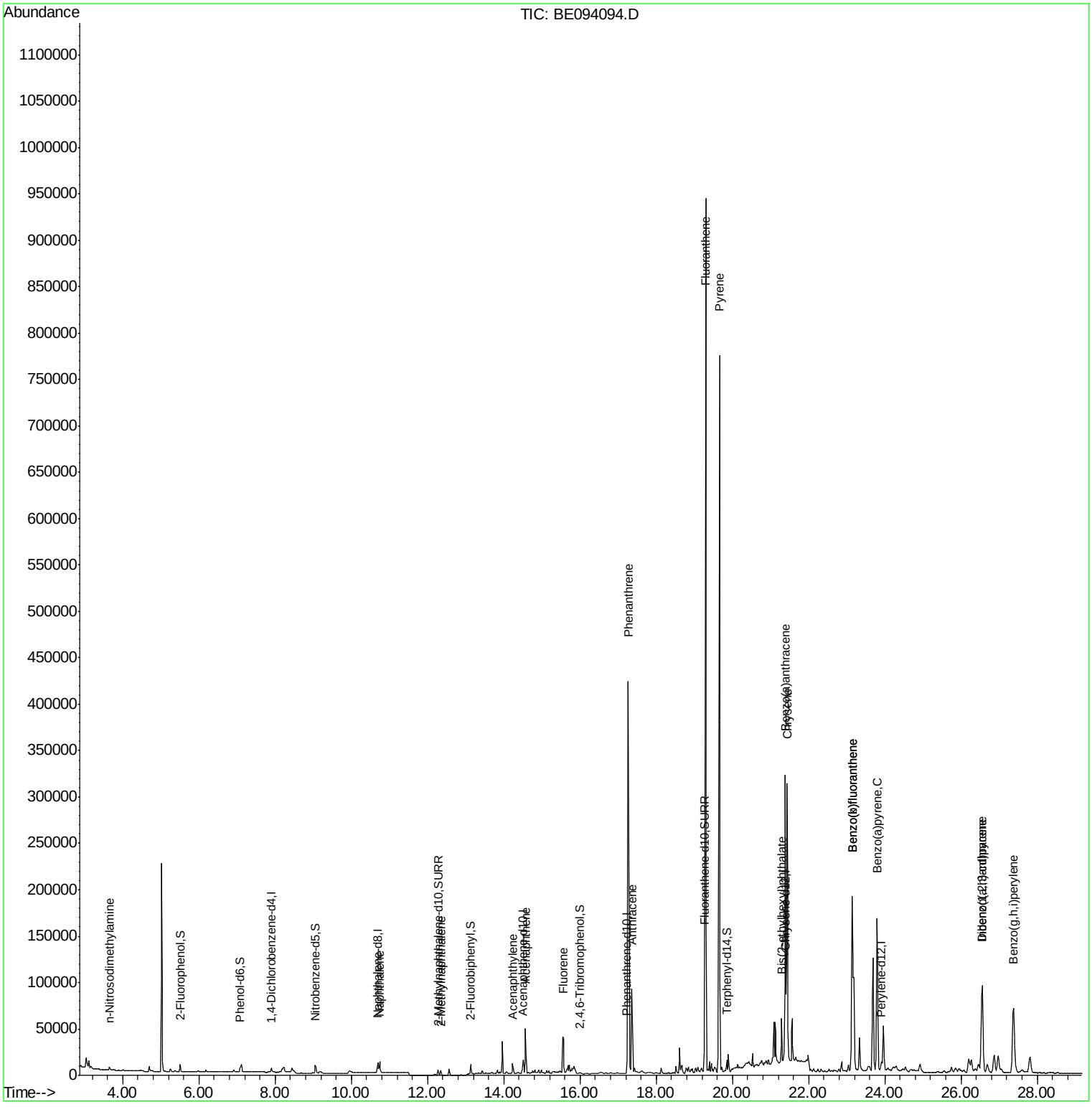
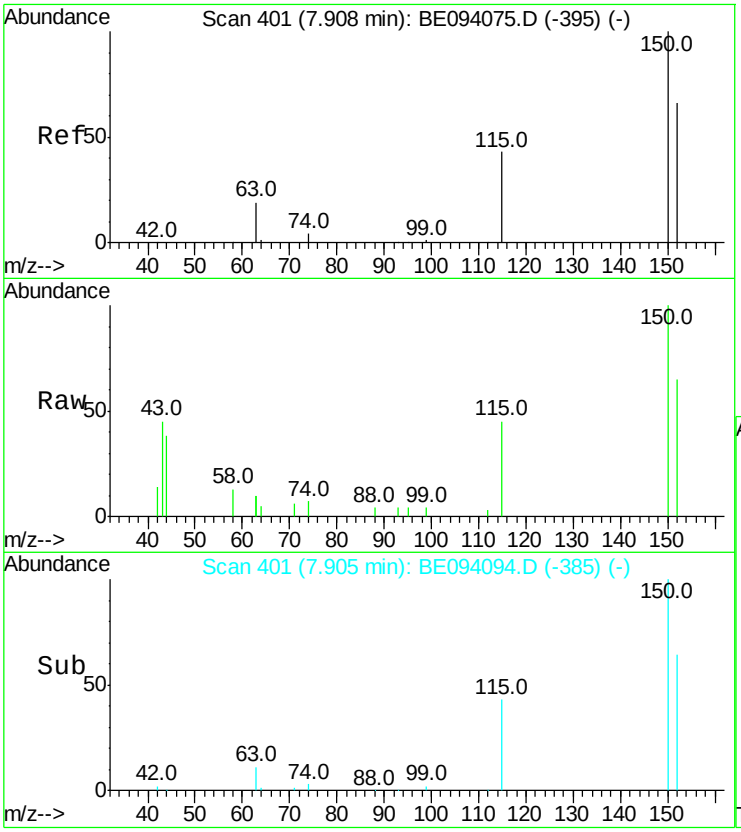


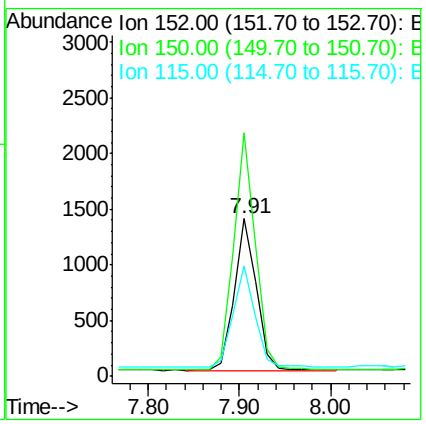


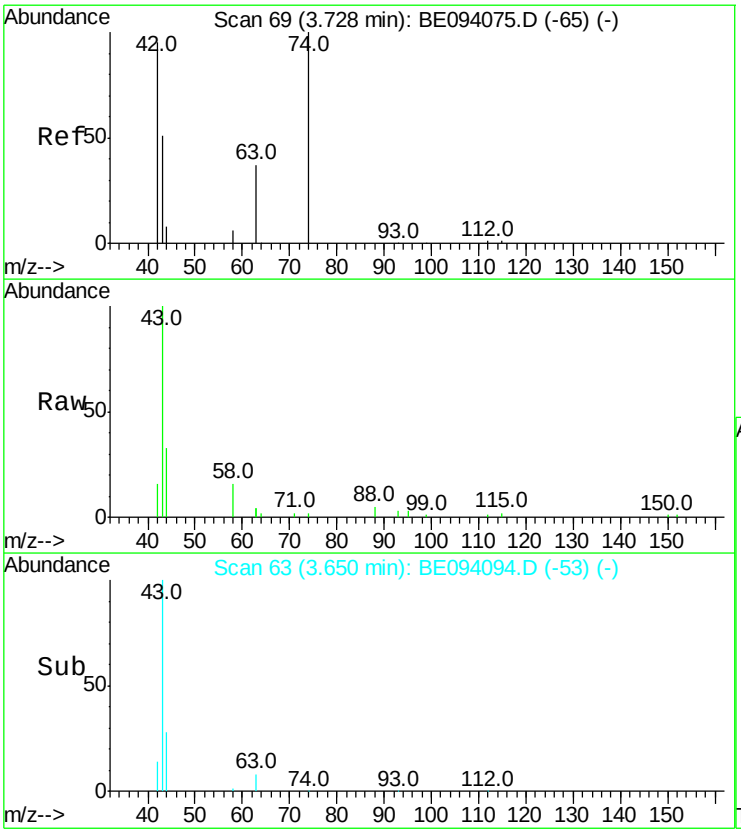
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2262

Ion	Ratio	Lower	Upper
152	100		
150	154.6	117.2	175.8
115	69.7	57.0	85.6

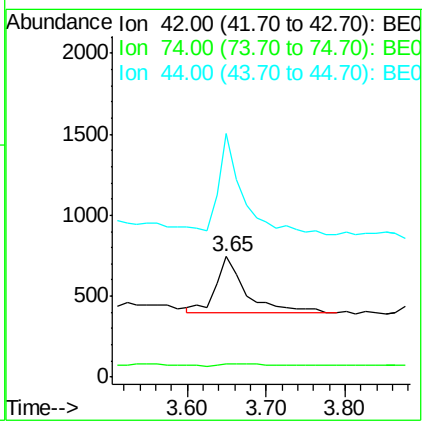


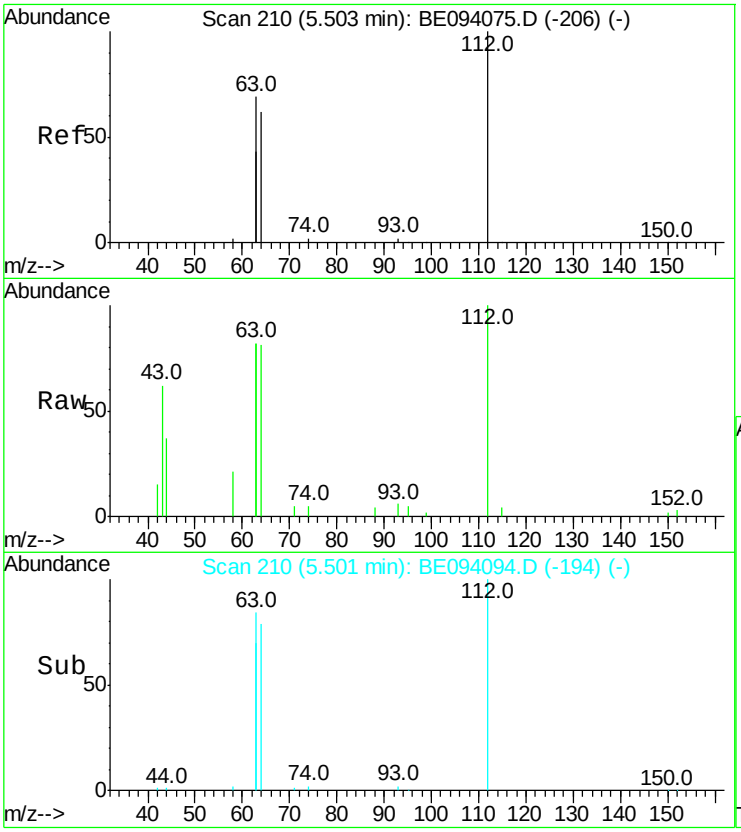


#3
n-Nitrosodimethylamine
Concen: 0.127 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.08 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion: 42 Resp: 897

Ion	Ratio	Lower	Upper
42	100		
74	4.3	100.3	150.5#
44	150.8	17.0	25.4#



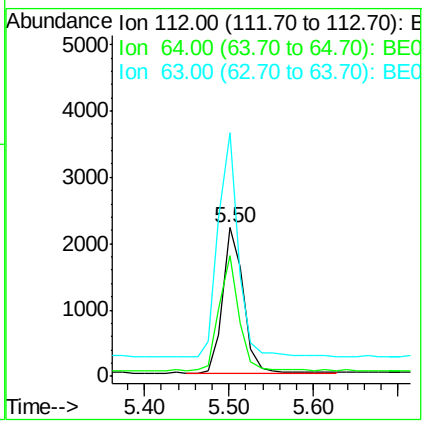


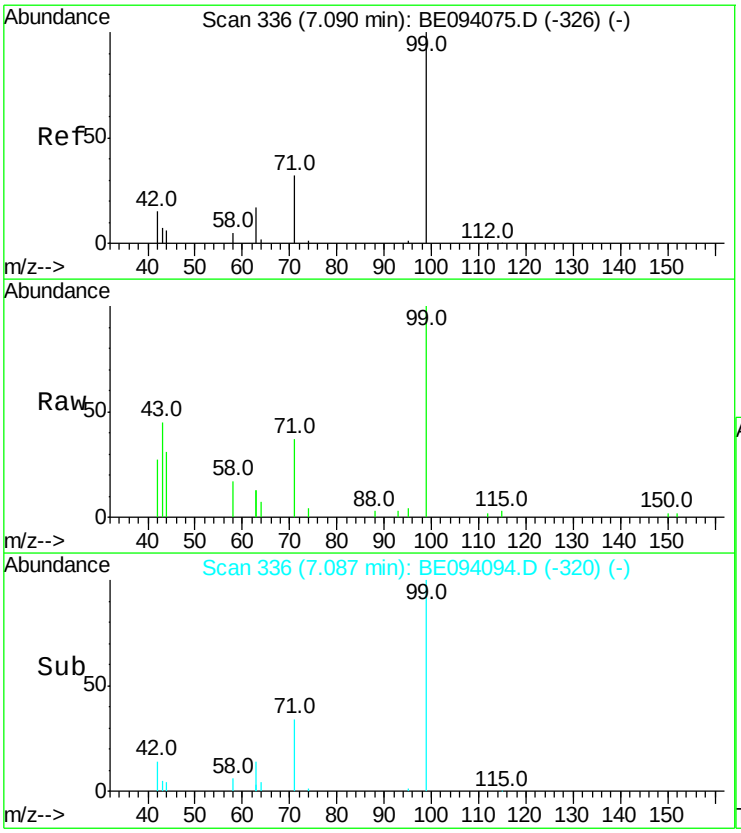
#4
2-Fluorophenol
Concen: 0.249 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 3687

Ion	Ratio	Lower	Upper
112	100		
64	74.7	60.1	90.1
63	153.9	116.8	175.2

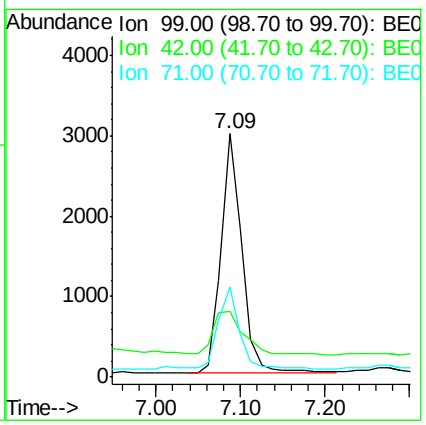


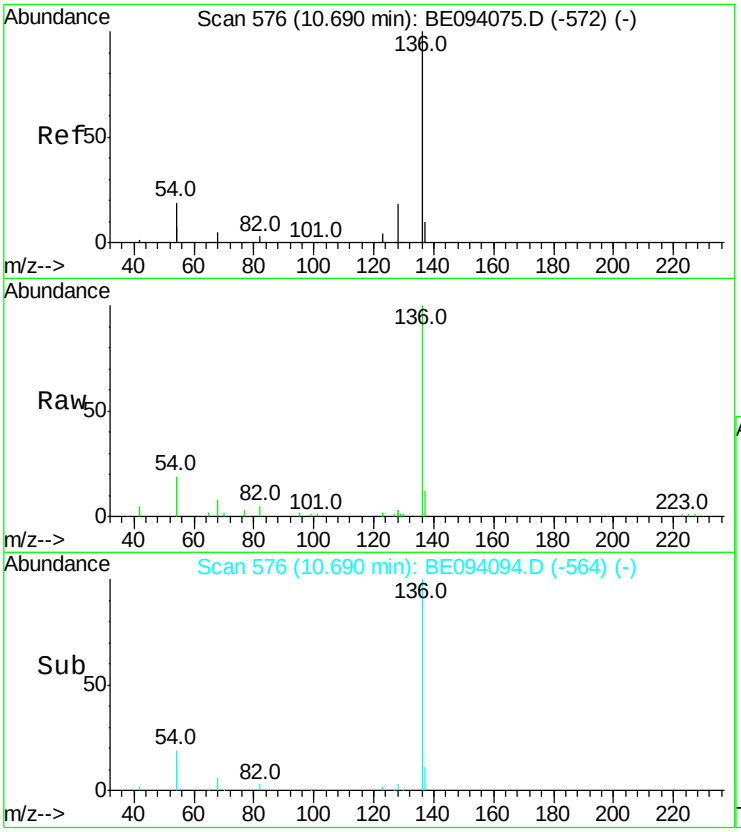


#5
Phenol-d6
Concen: 0.375 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion: 99 Resp: 5021

Ion	Ratio	Lower	Upper
99	100		
42	28.7	20.2	30.2
71	35.1	28.4	42.6



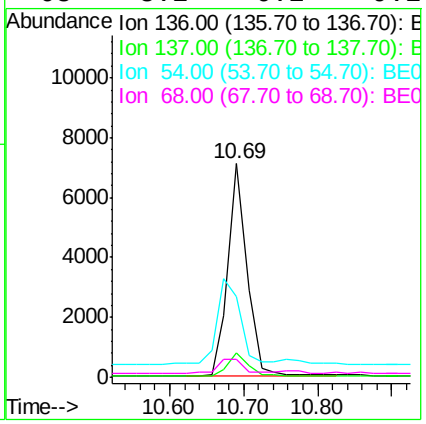


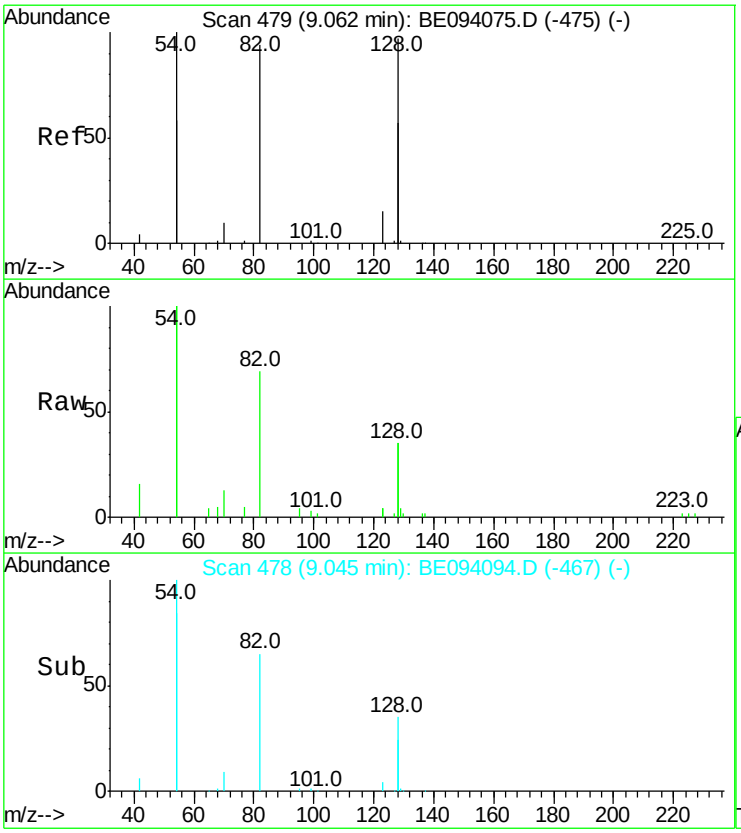
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 12554

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	37.5	29.1	43.7
68	8.2	6.2	9.2

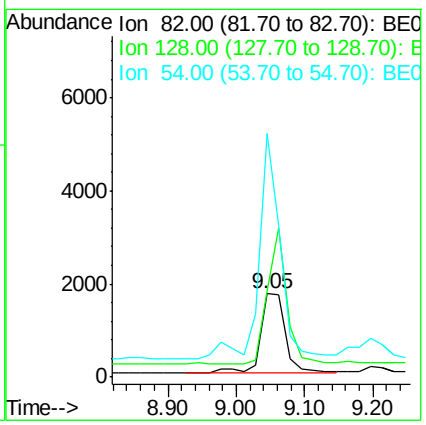


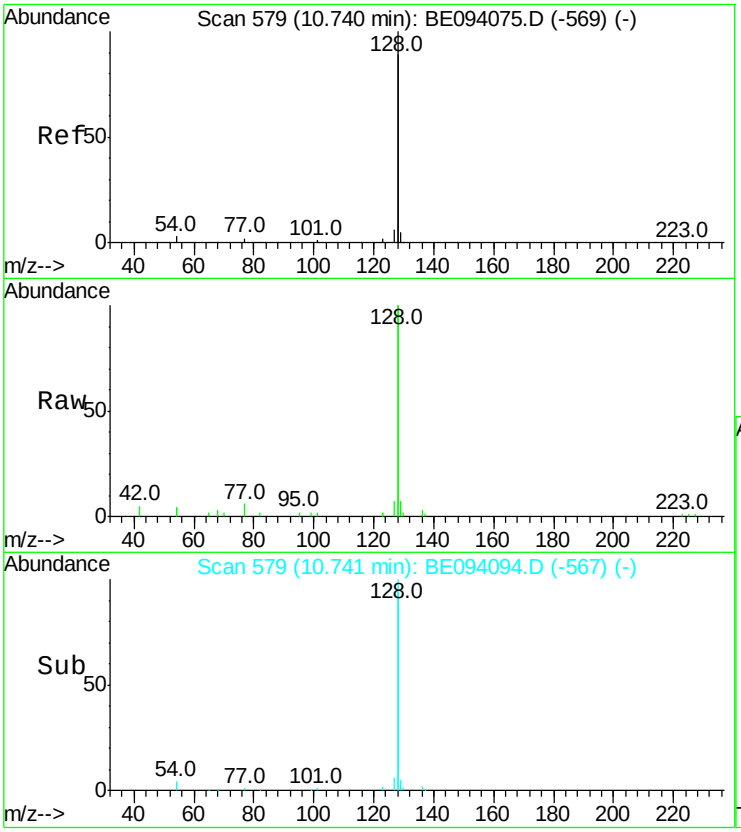


#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 9.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion: 82 Resp: 4344

Ion	Ratio	Lower	Upper
82	100		
128	102.7	150.0	225.0#
54	291.5	154.2	231.4#



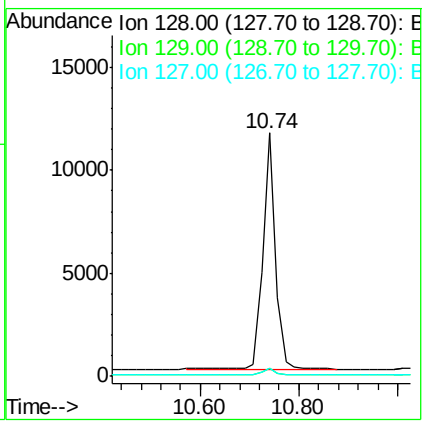


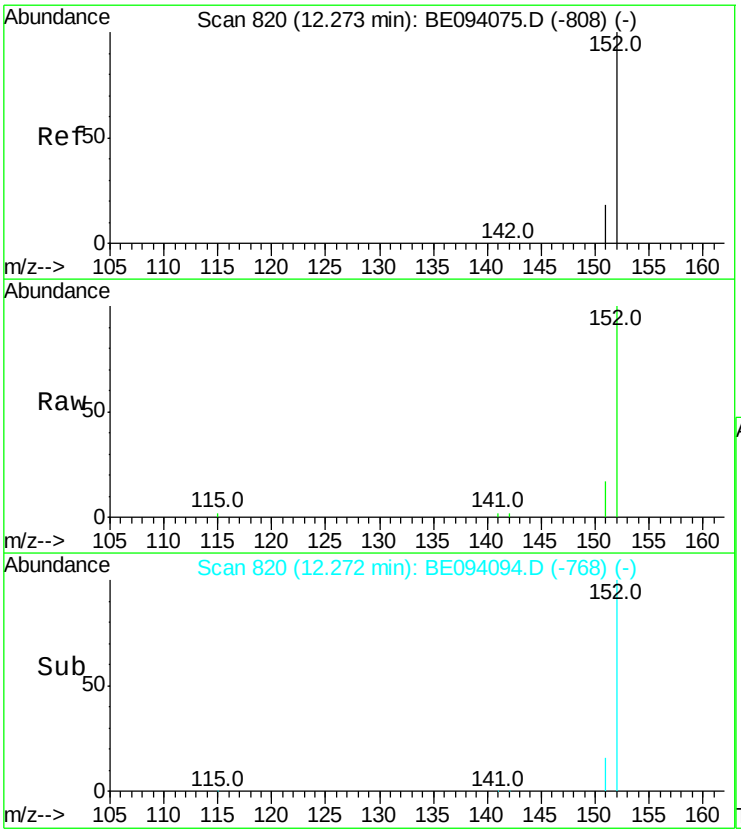
#9
Naphthalene
Concen: 0.023 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 20868

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.5	2.8	4.2

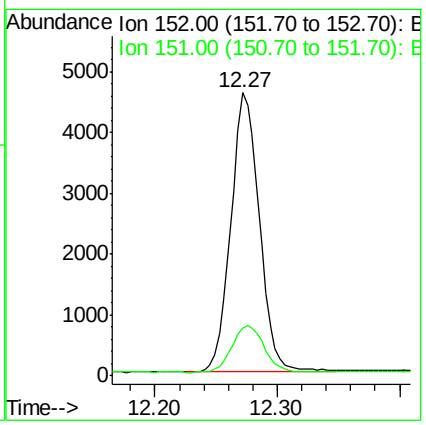


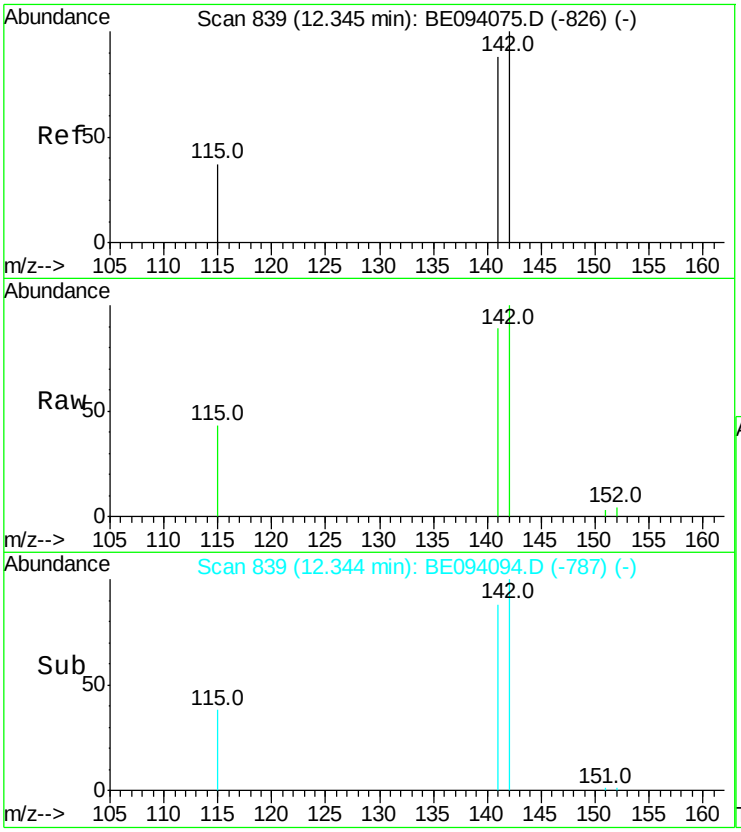


#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.27 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:152 Resp: 7443

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0



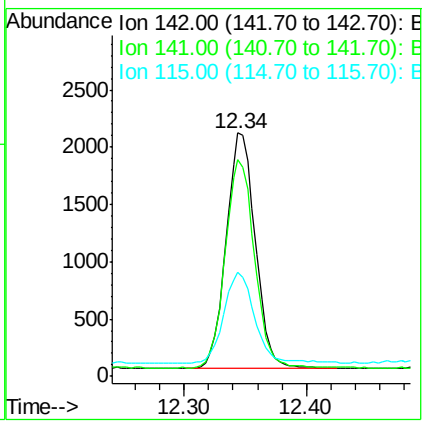


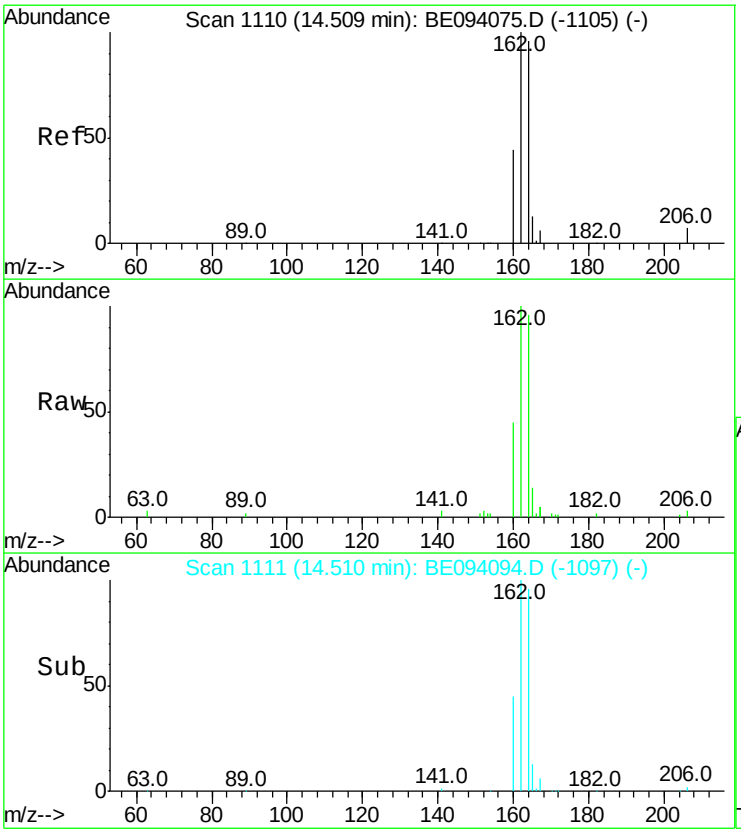
#12
2-Methylnaphthalene
Concen: 0.133 ng
RT: 12.34 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 3378

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.4	105.6
115	42.9	31.7	47.5

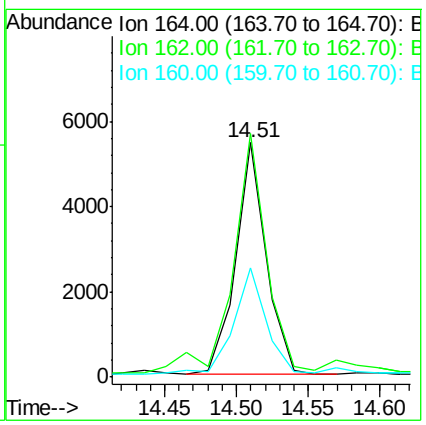


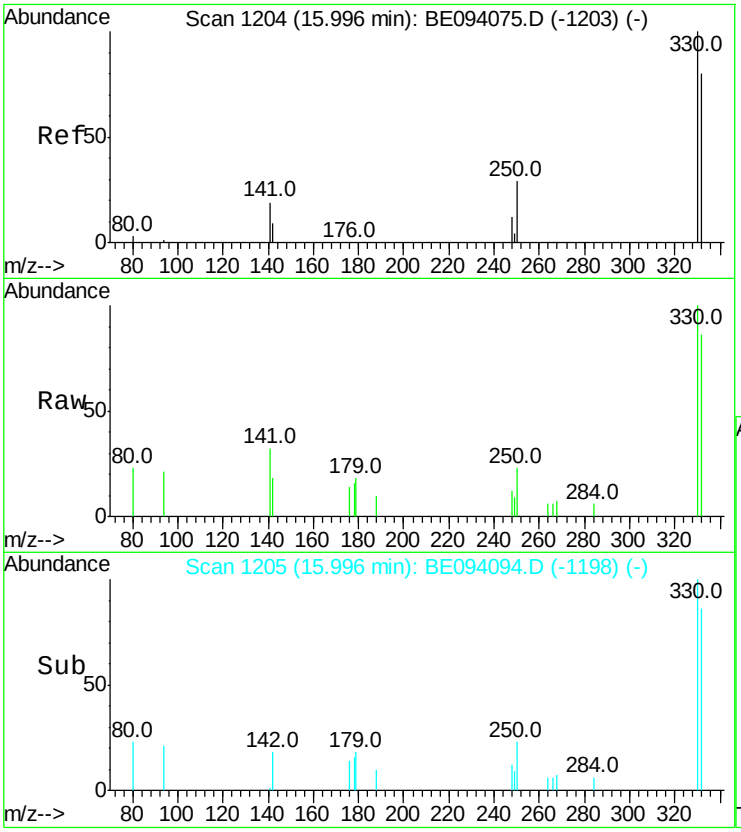


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:164 Resp: 7964

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.1	124.7
160	46.8	37.1	55.7



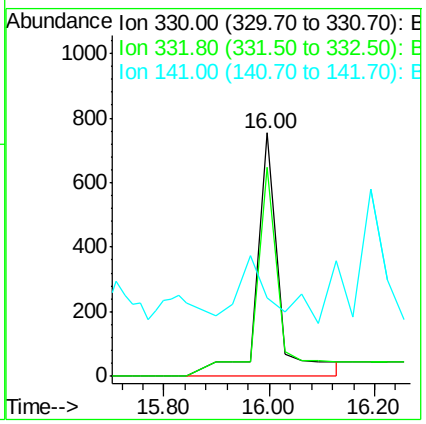


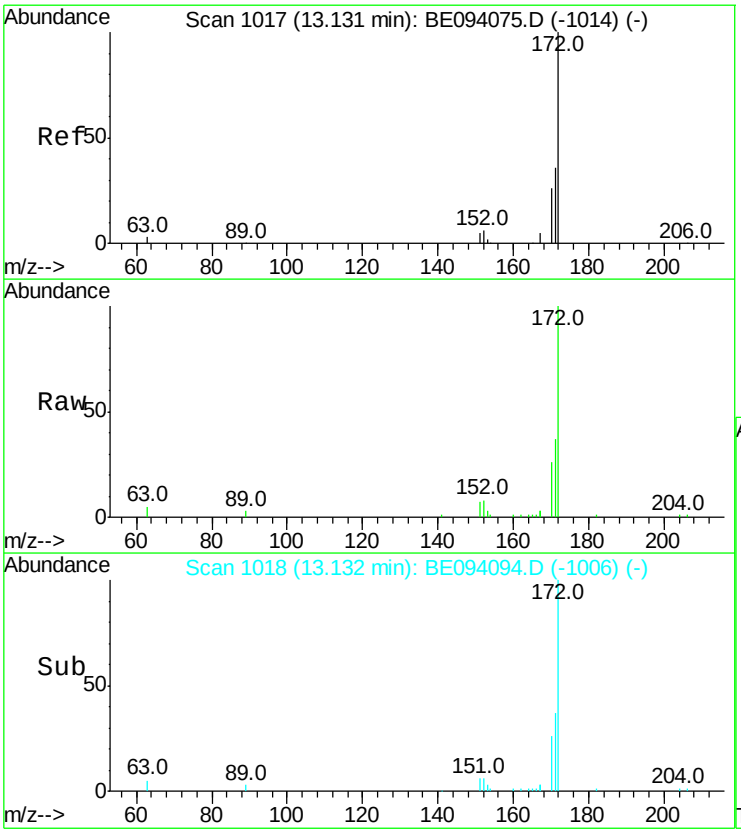
#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 2333

Ion	Ratio	Lower	Upper
330	100		
332	90.8	152.7	229.1#
141	0.0	33.7	50.5#

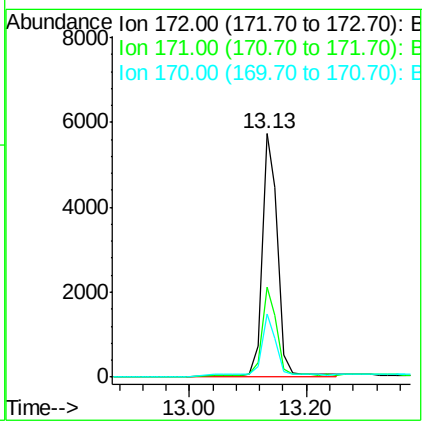


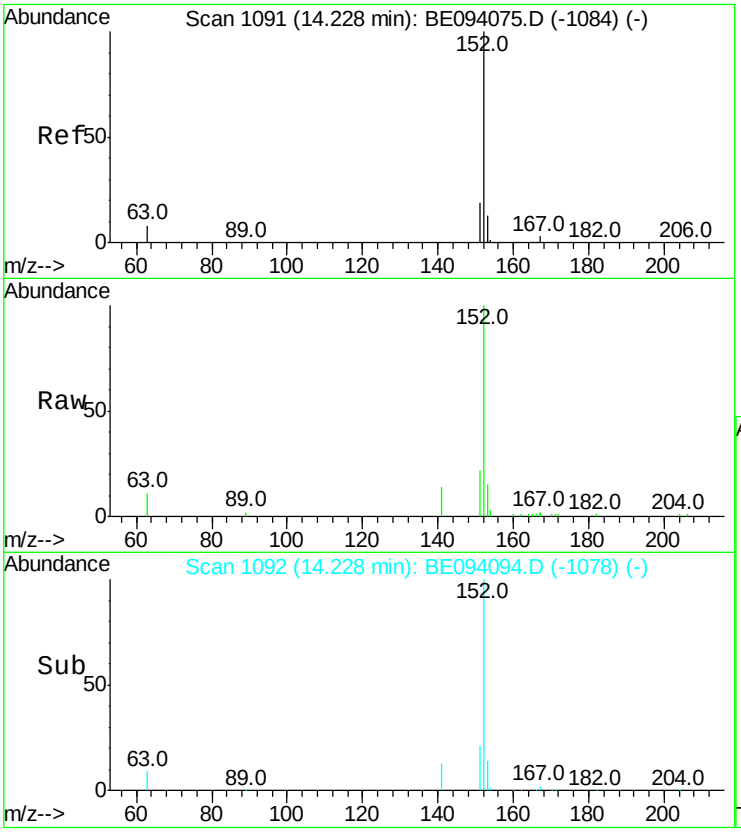


#15
2-Fluorobiphenyl
Concen: 0.444 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:172 Resp: 11626

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	25.9	21.8	32.8



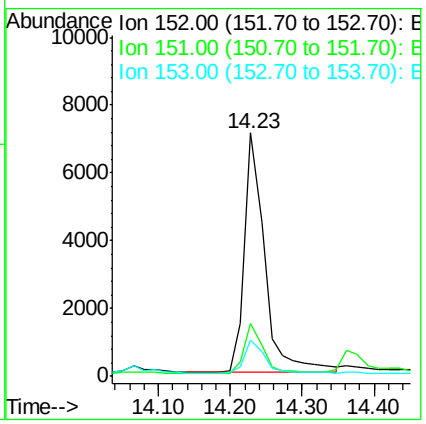


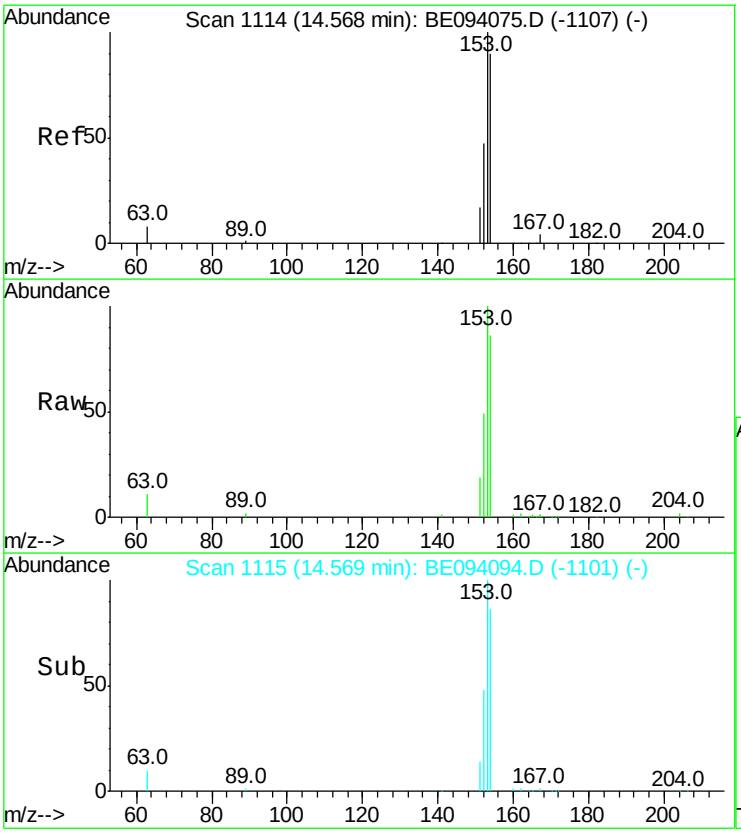
#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13943

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	14.0	10.5	15.7

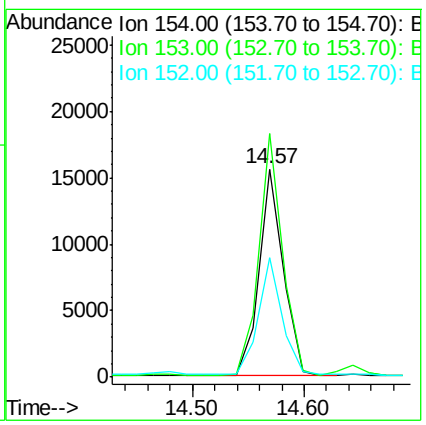


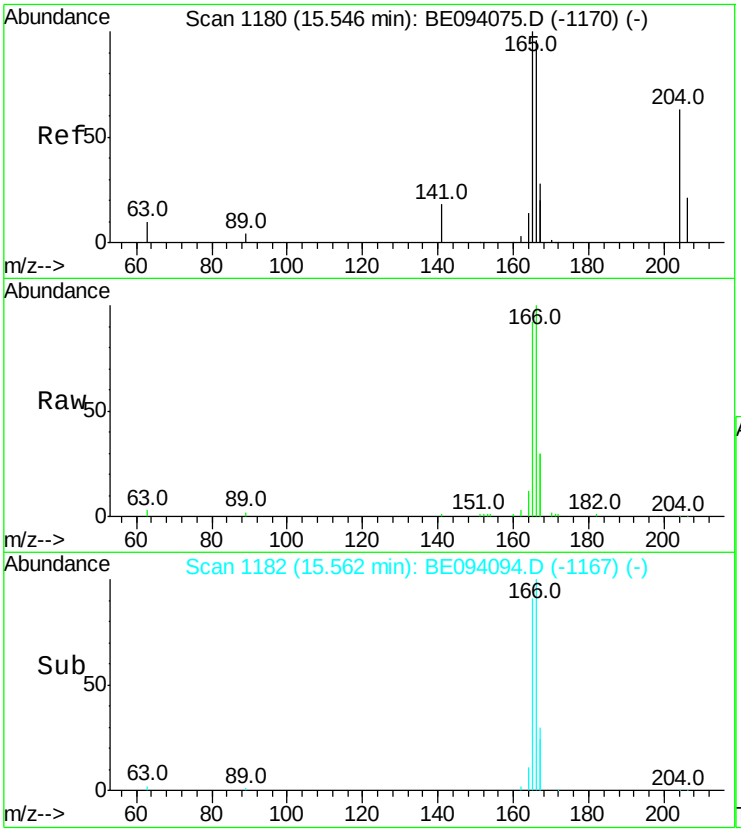


#17
Acenaphthene
Concen: 0.877 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:154 Resp: 23336

Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.2	133.8
152	56.5	42.0	63.0



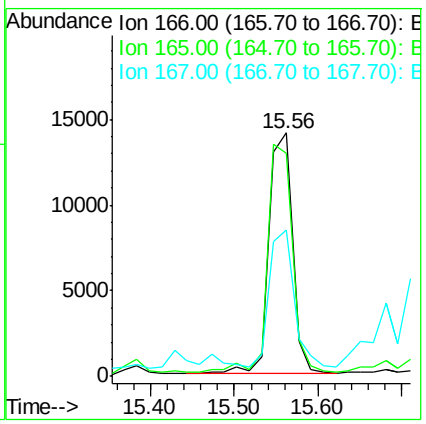


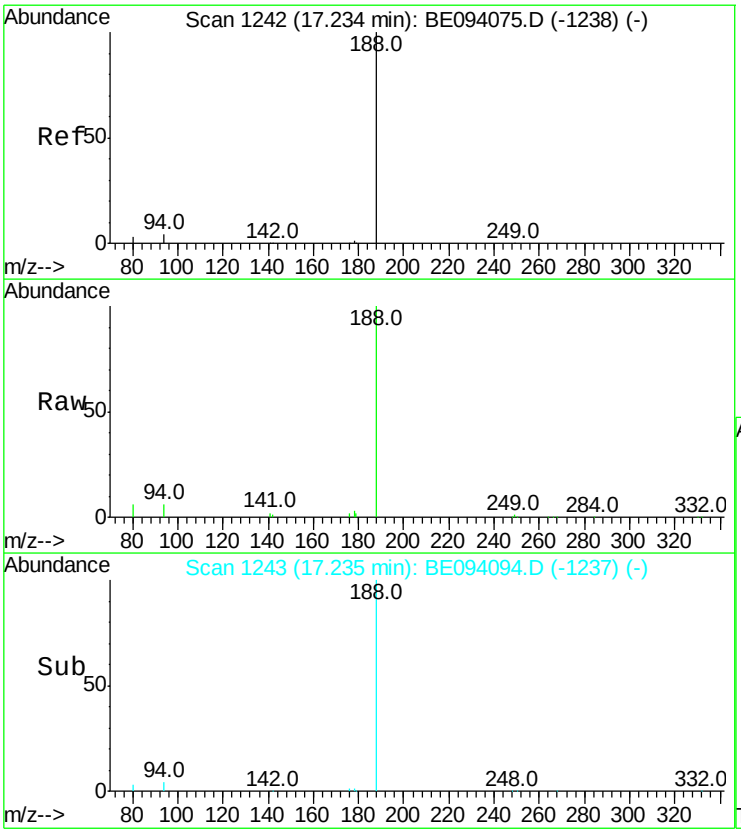
#18
Fluorene
Concen: 0.698 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.02 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 27632

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.6
167	59.7	42.4	63.6

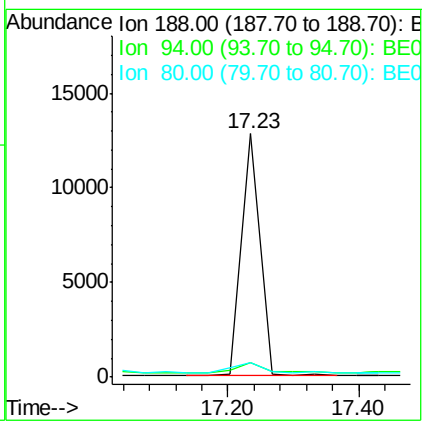


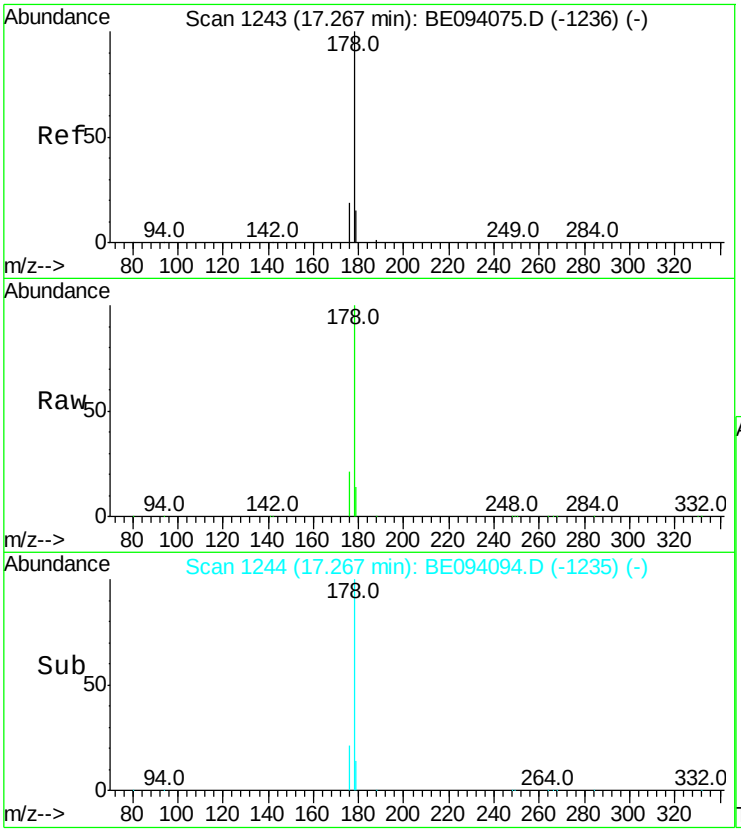


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:188 Resp: 25446

Ion	Ratio	Lower	Upper
188	100		
94	6.2	3.9	5.9#
80	5.9	3.6	5.4#



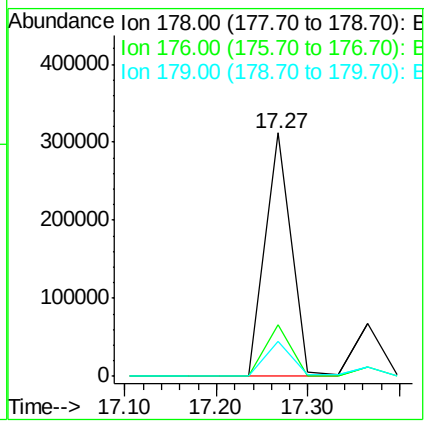


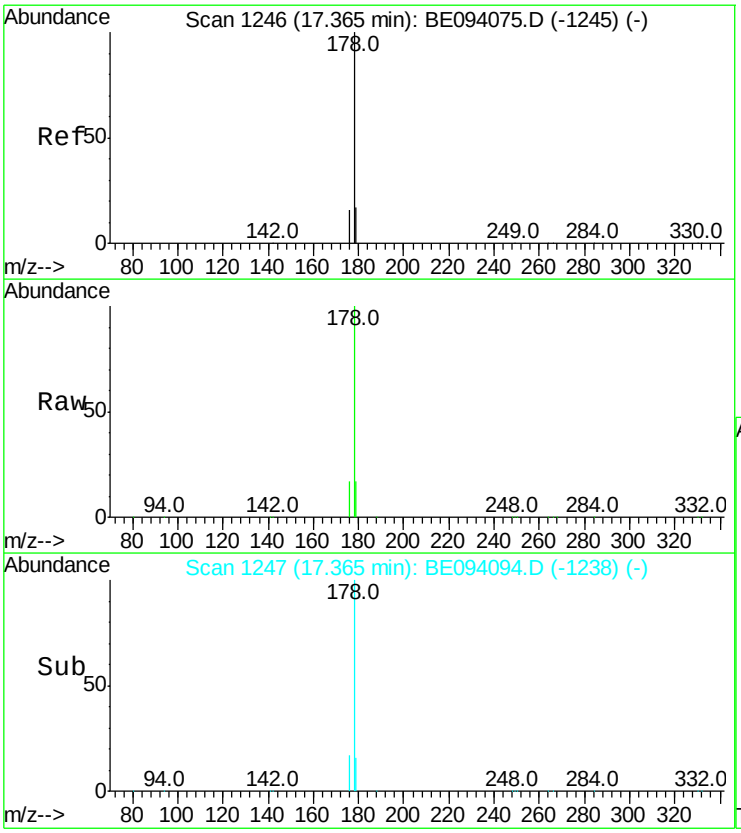
#23
Phenanthrene
Concen: 6.842 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 623626

Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.1	22.7
179	15.1	11.8	17.6

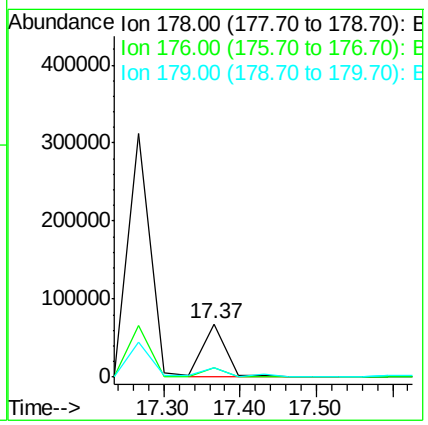


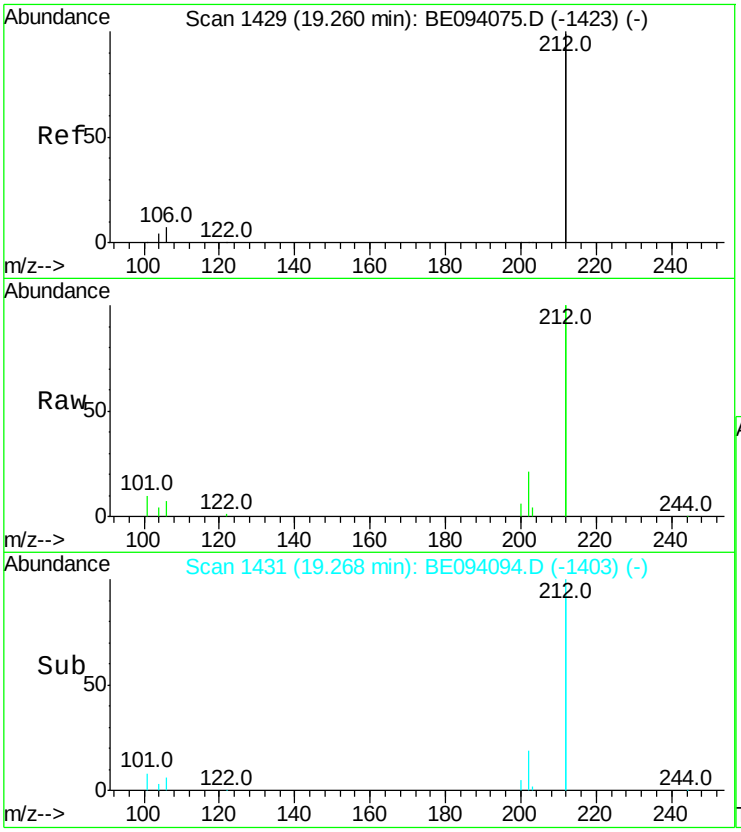


#24
Anthracene
Concen: 1.986 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:178 Resp: 139566

Ion	Ratio	Lower	Upper
178	100		
176	16.7	12.8	19.2
179	21.5	13.0	19.6#



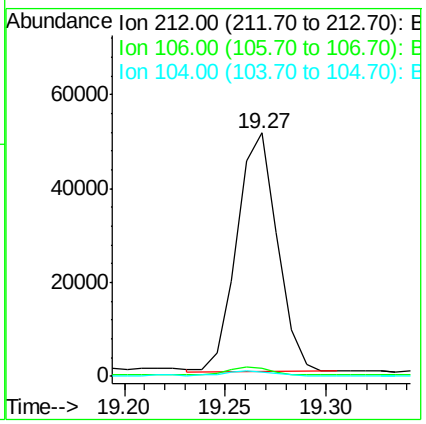


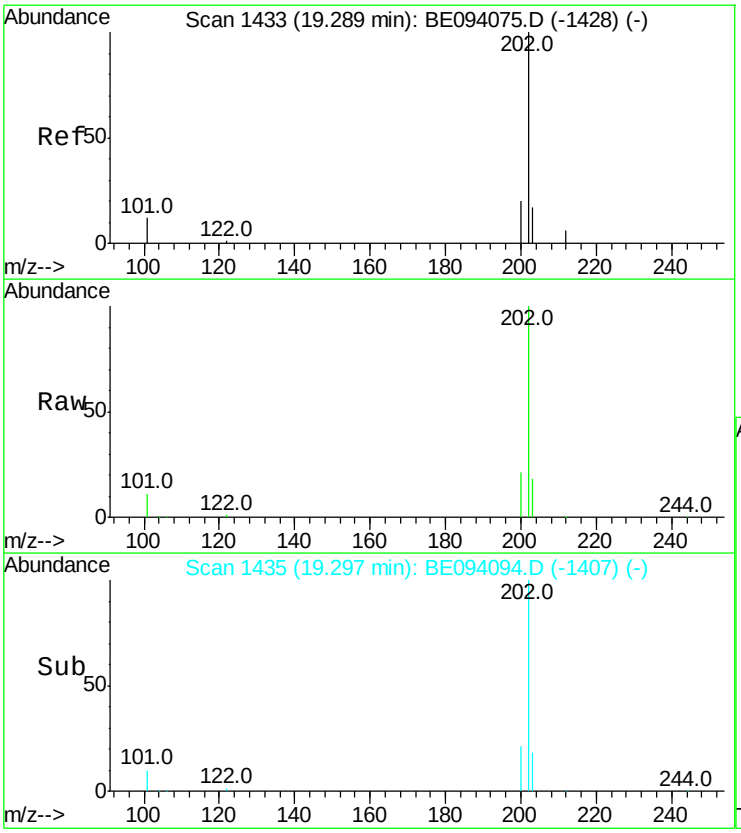
#25
Fluoranthene-d10
Concen: 0.217 ng
RT: 19.27 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 70977

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.2	1.6	2.4

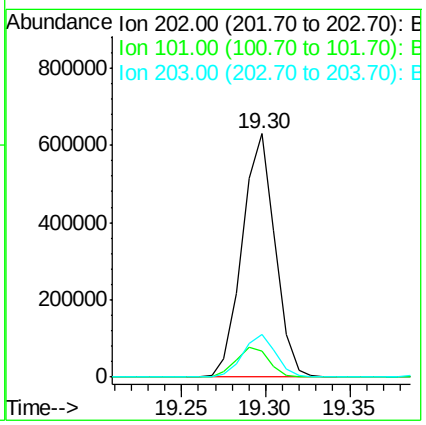


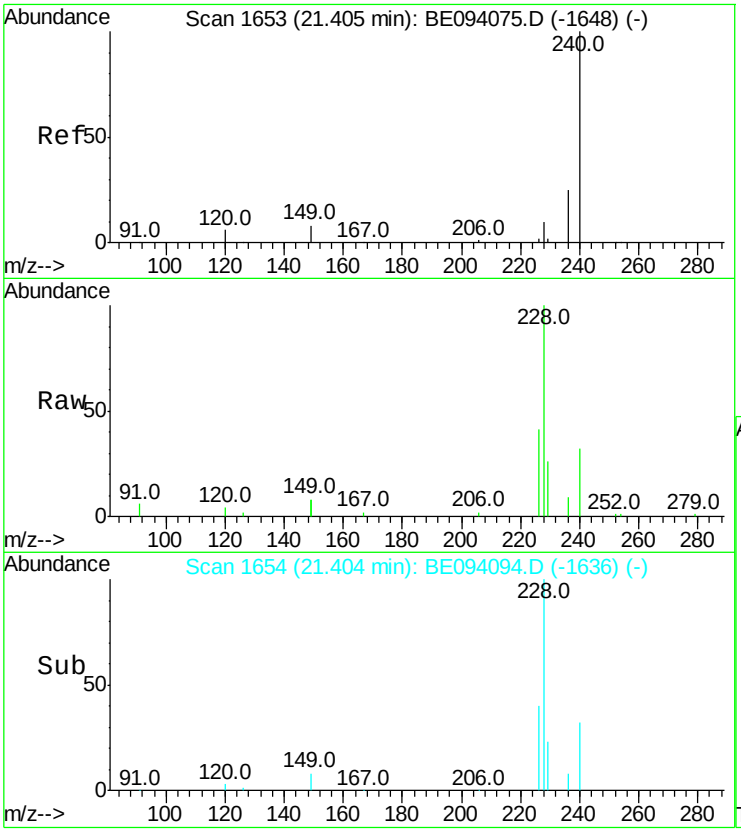


#26
Fluoranthene
Concen: 8.705 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:202 Resp: 851320

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
203	17.6	13.7	20.5



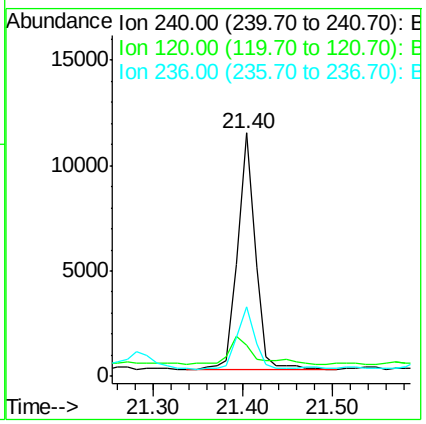


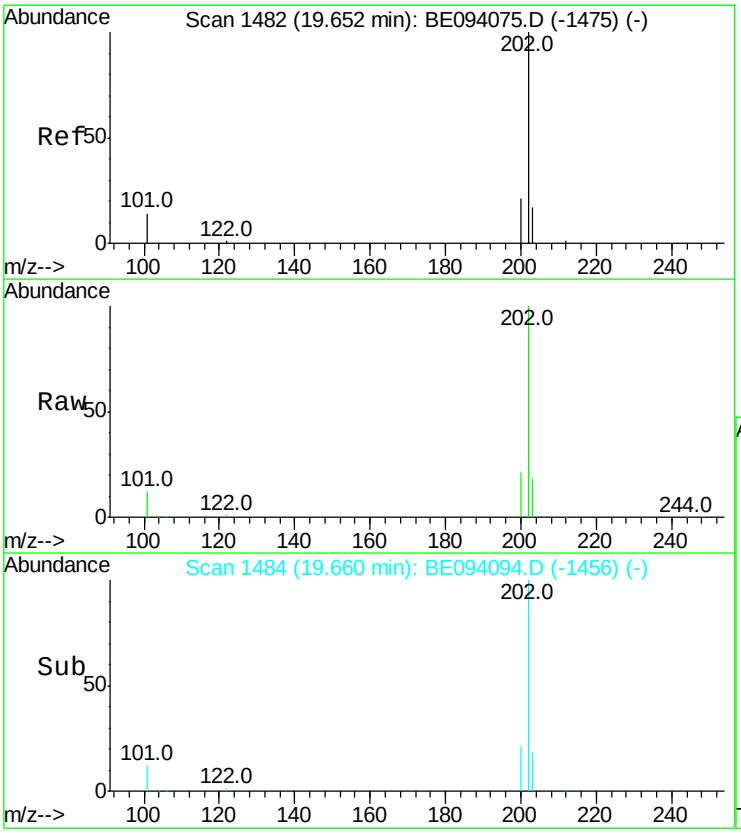
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 15253

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.5	8.3#
236	28.7	20.7	31.1

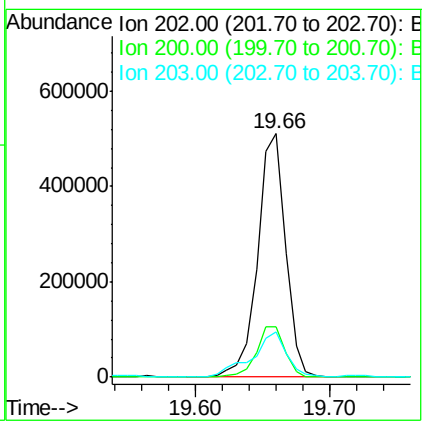


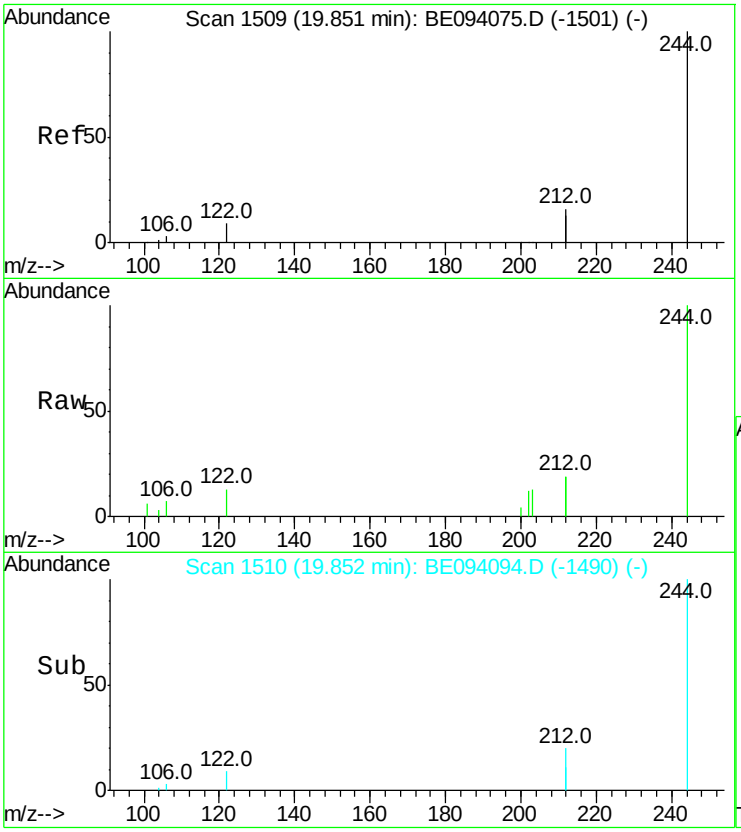


#28
Pyrene
Concen: 17.480 ng
RT: 19.66 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:202 Resp: 737684

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	22.9	13.8	20.8#



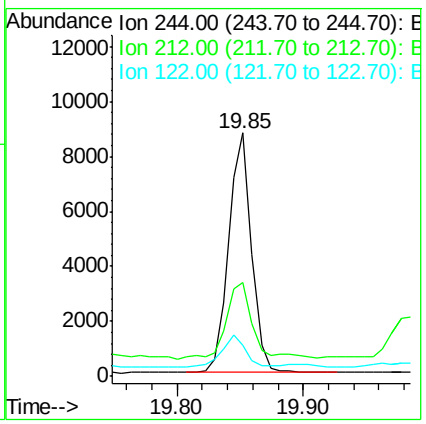


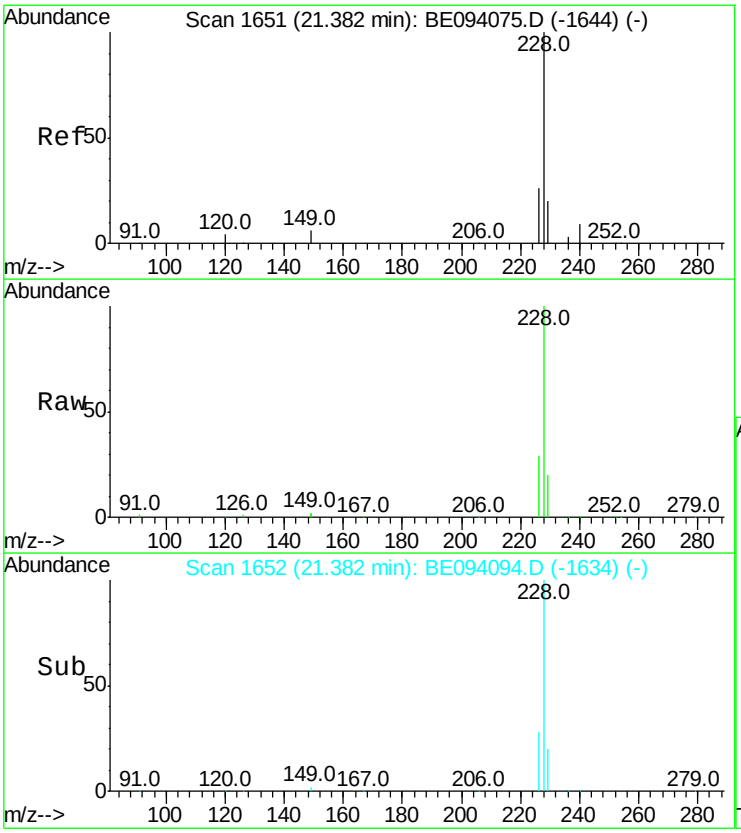
#29
Terphenyl-d14
Concen: 0.453 ng
RT: 19.85 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 10832

Ion	Ratio	Lower	Upper
244	100		
212	38.8	25.4	38.0#
122	12.9	8.1	12.1#

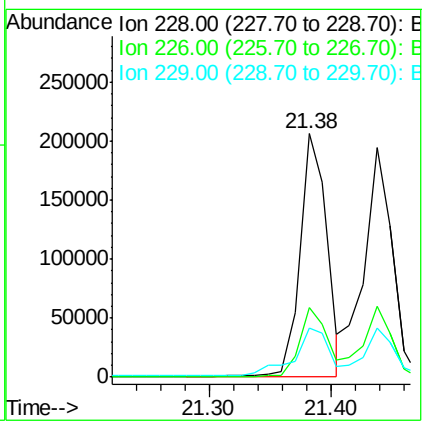


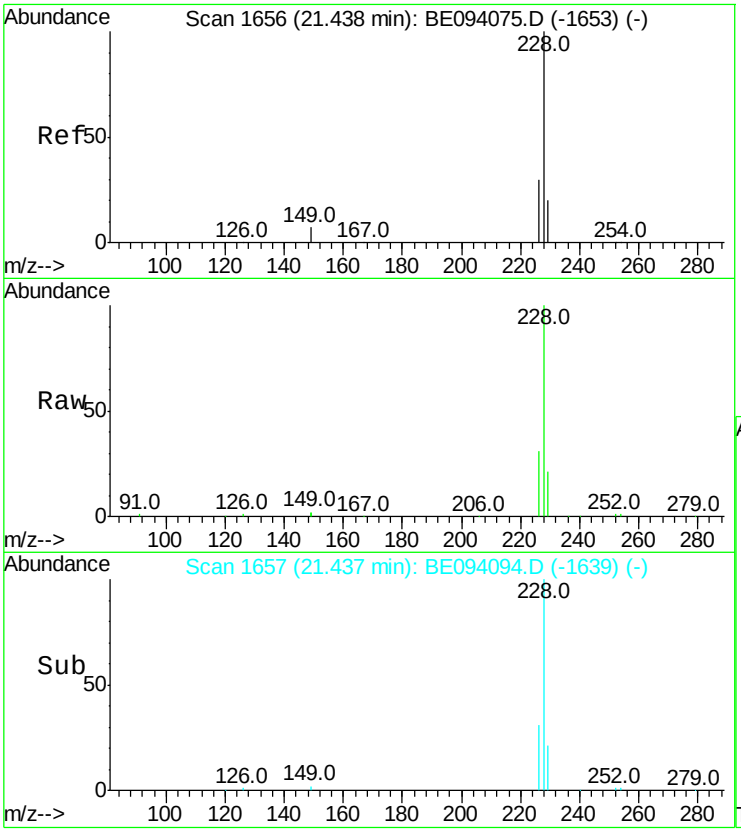


#30
Benzo(a)anthracene
Concen: 6.108 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:228 Resp: 312021

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.4	32.0
229	20.4	16.4	24.6



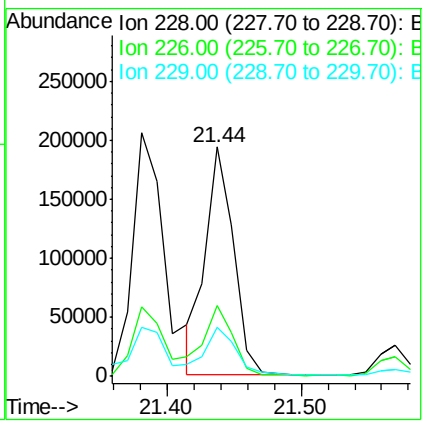


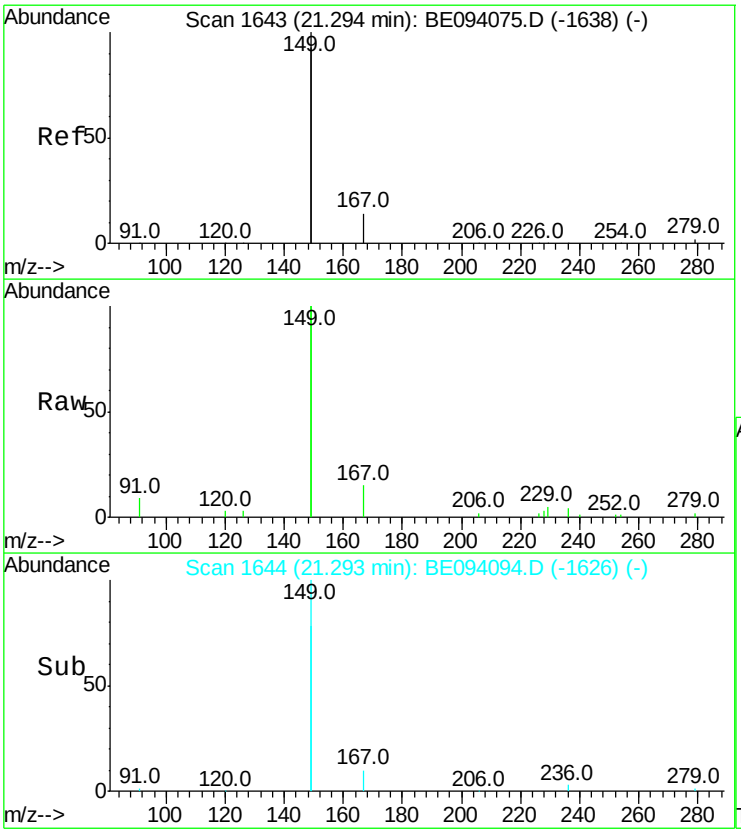
#31
Chrysene
Concen: 5.631 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 281877

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.6	35.4
229	21.5	16.4	24.6

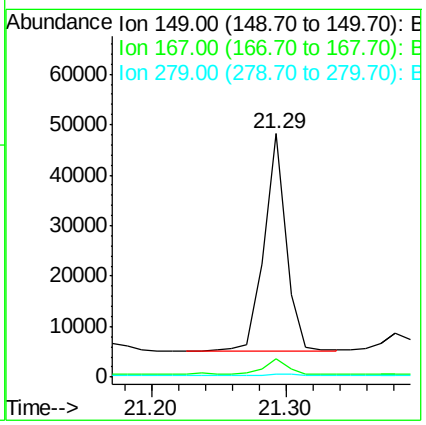


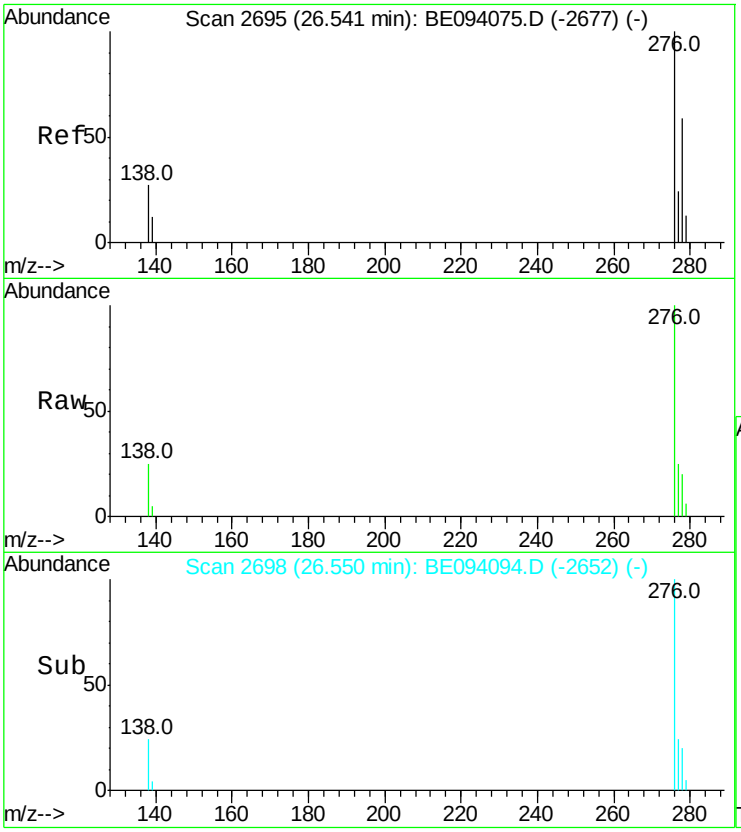


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.362 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:149 Resp: 49721

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.9	0.7	1.1



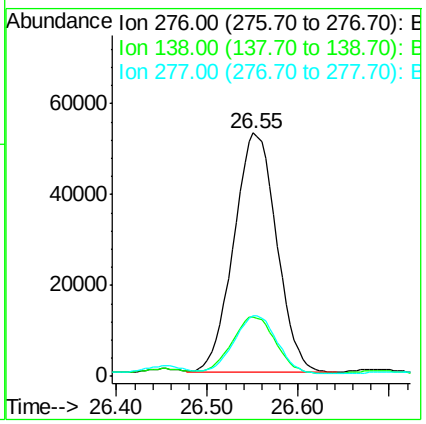


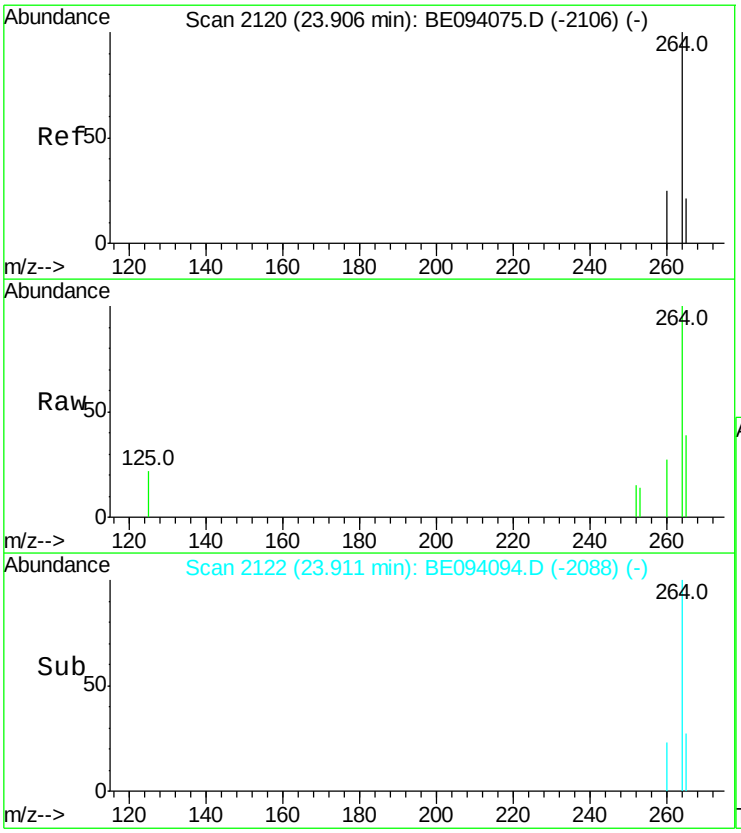
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.478 ng
RT: 26.55 min Scan# 2698
Delta R.T. 0.01 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 173279

Ion	Ratio	Lower	Upper
276	100		
138	24.0	22.5	33.7
277	24.6	19.9	29.9

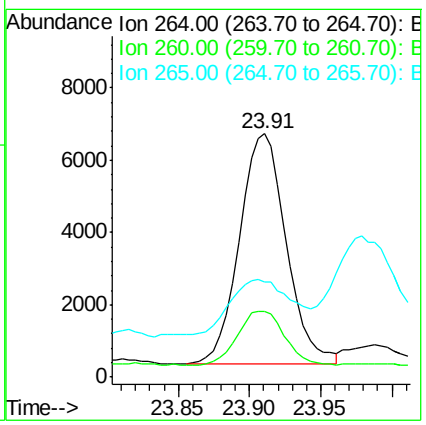


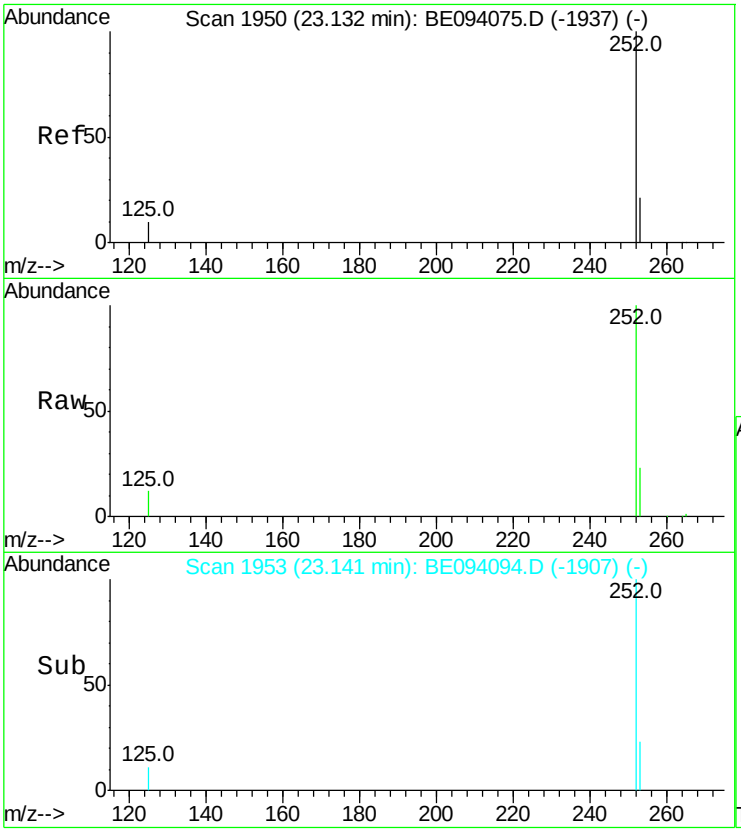


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:264 Resp: 14663

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.5	30.7
265	39.2	22.8	34.2#



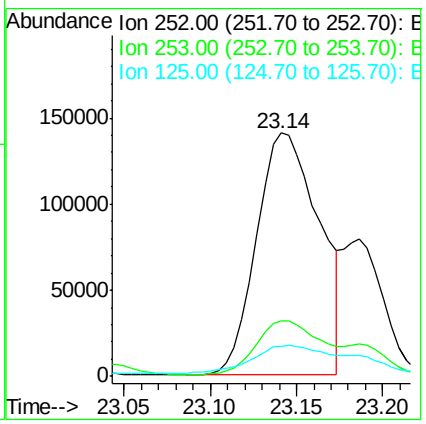


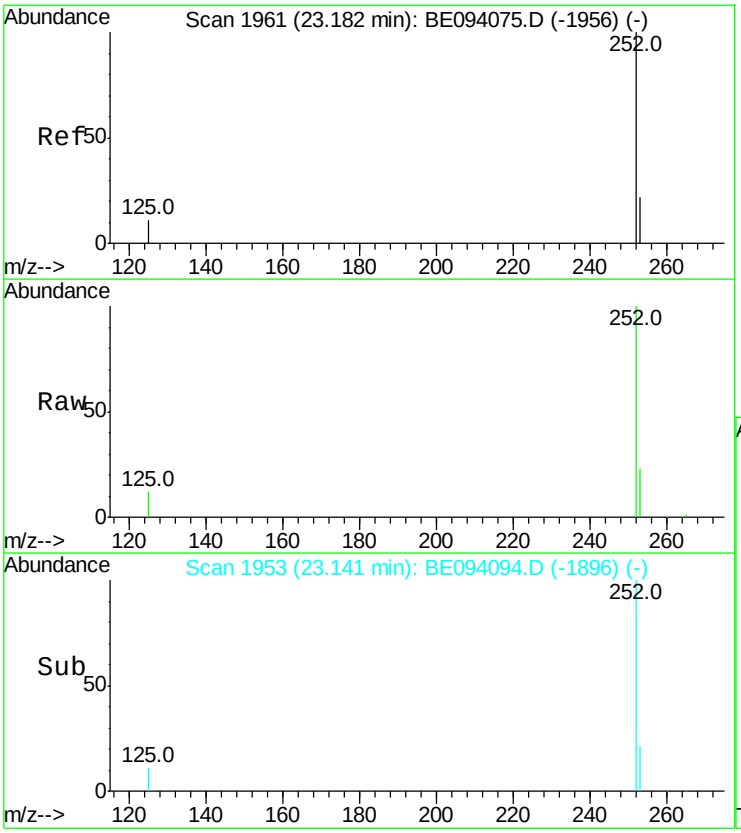
#35
Benzo(b)fluoranthene
Concen: 6.696 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 355337

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	12.4	10.1	15.1

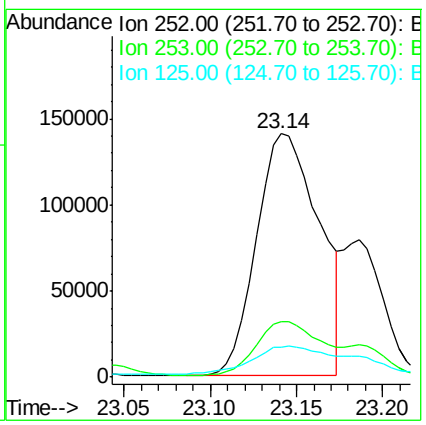


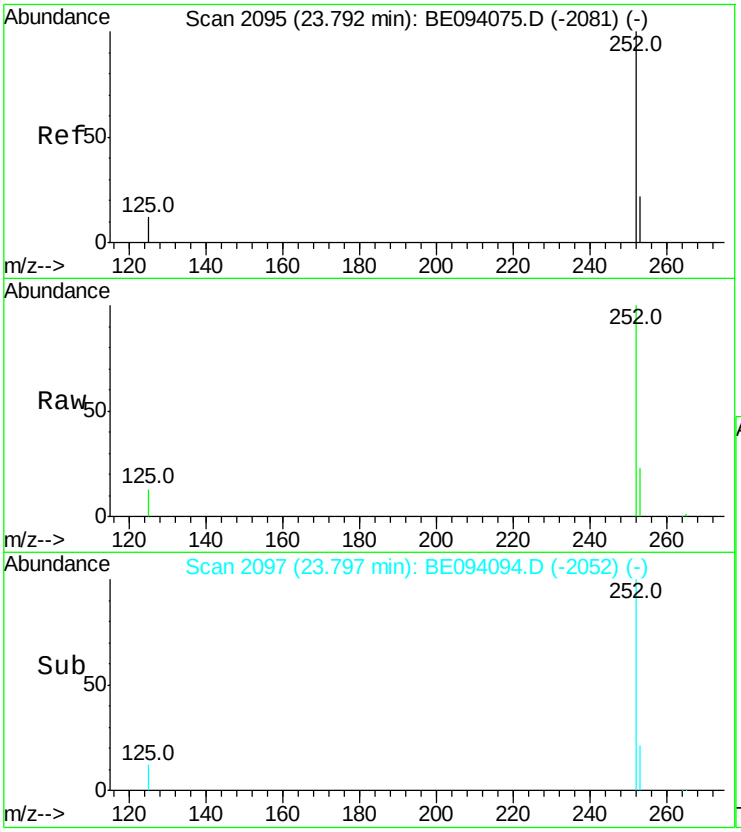


#36
Benzo(k)fluoranthene
Concen: 6.673 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:252 Resp: 355337

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	12.4	10.7	16.1



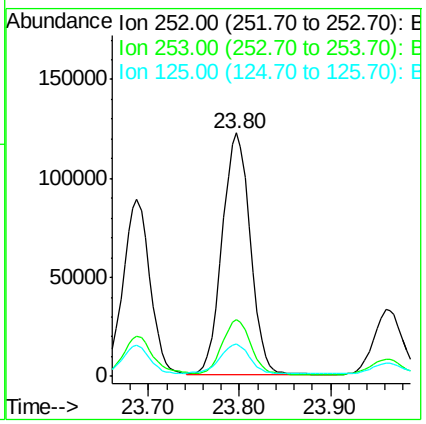


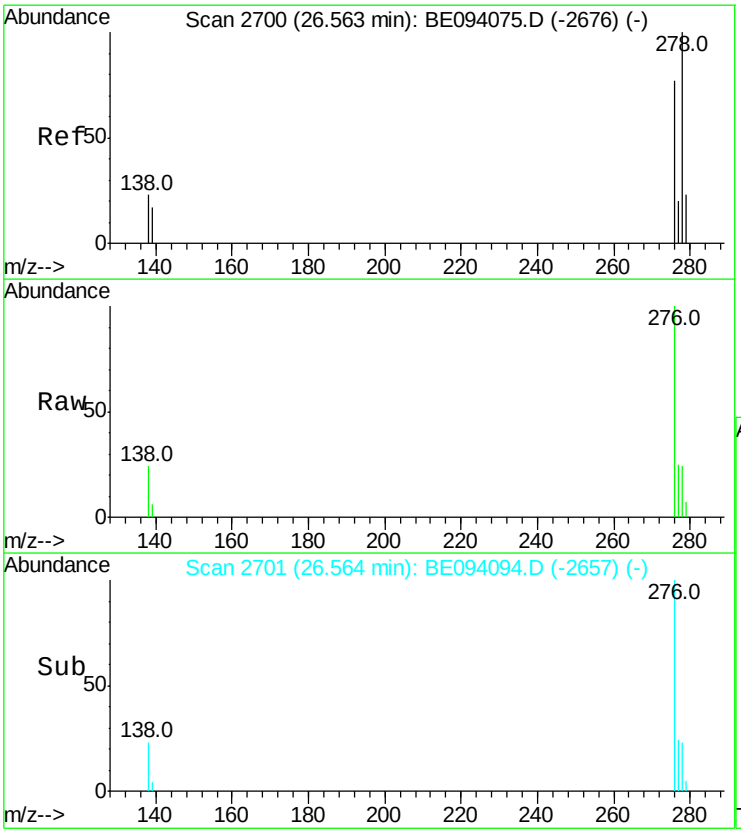
#37
Benzo(a)pyrene
Concen: 5.475 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 260881

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.6
125	13.2	11.8	17.8

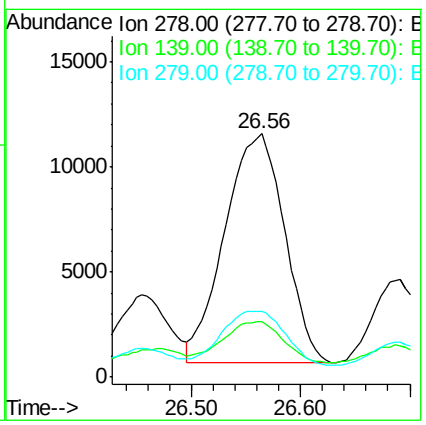


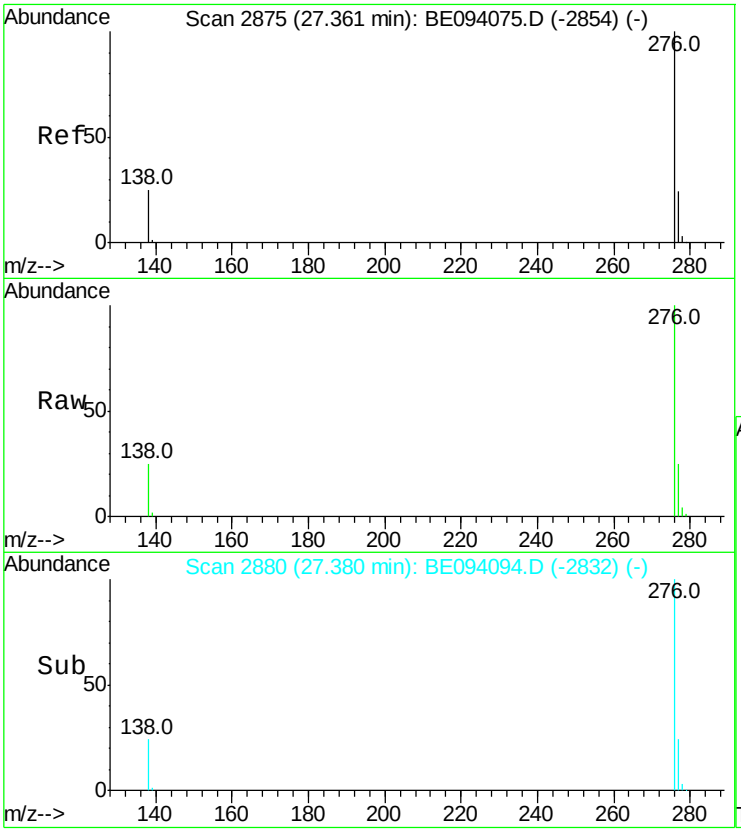


#38
Dibenzo(a,h)anthracene
Concen: 1.091 ng
RT: 26.56 min Scan# 2701
Delta R.T. 0.00 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Tgt Ion:278 Resp: 41637

Ion	Ratio	Lower	Upper
278	100		
139	22.8	16.3	24.5
279	27.2	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 4.560 ng
RT: 27.38 min Scan# 2880
Delta R.T. 0.02 min
Lab File: BE094094.D
Acq: 24 Sep 2017 1:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 173897

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.8	31.2
138	25.3	21.5	32.3