Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094095.D
Acq On : 24 Sep 2017 1:42
Operator : SJ/JU
Sample : I5340-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 25 08:50:15 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	2373	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	13225	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	8368	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	24646	0.40	ng		0.00
27) Chrysene-d12	21.40	240	15031	0.40	ng		0.00
34) Perylene-d12	23.91	264	14455	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	1853	0.01	ng		0.00
5) Phenol-d6	7.09	99	3025	0.22	ng		0.00
8) Nitrobenzene-d5	9.06	82	2474	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	3341	0.15	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	1354	0.21	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	5150	0.19	ng		0.00
25) Fluoranthene-d10	19.27	212	22303	0.07	ng		0.00
29) Terphenyl-d14	19.85	244	3288	0.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	109	Below Cal		#	16
9) Naphthalene	10.74	128	2337	Below Cal		#	89
16) Acenaphthylene	14.23	152	3728	0.088	ng		98
17) Acenaphthene	14.57	154	1167	0.042	ng		95
18) Fluorene	15.56	166	1787	0.043	ng	#	87
23) Phenanthrene	17.27	178	53338	0.604	ng		98
24) Anthracene	17.37	178	7084	0.104	ng	#	94
26) Fluoranthene	19.30	202	93303	0.985	ng		99
28) Pyrene	19.65	202	88486	2.128	ng	#	95
30) Benzo(a)anthracene	21.38	228	38131	0.758	ng		96
31) Chrysene	21.44	228	44349	0.899	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	21412	0.158	ng	#	94
33) Indeno(1,2,3-cd)pyrene	26.55	276	24615	0.645	ng		97
35) Benzo(b)fluoranthene	23.14	252	54028	1.033	ng	#	95
36) Benzo(k)fluoranthene	23.14	252	54028	1.029	ng		96
37) Benzo(a)pyrene	23.79	252	37842	0.806	ng	#	96
38) Dibenzo(a,h)anthracene	26.56	278	6204	0.165	ng	#	72
39) Benzo(g,h,i)perylene	27.37	276	24908	0.663	ng		99

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

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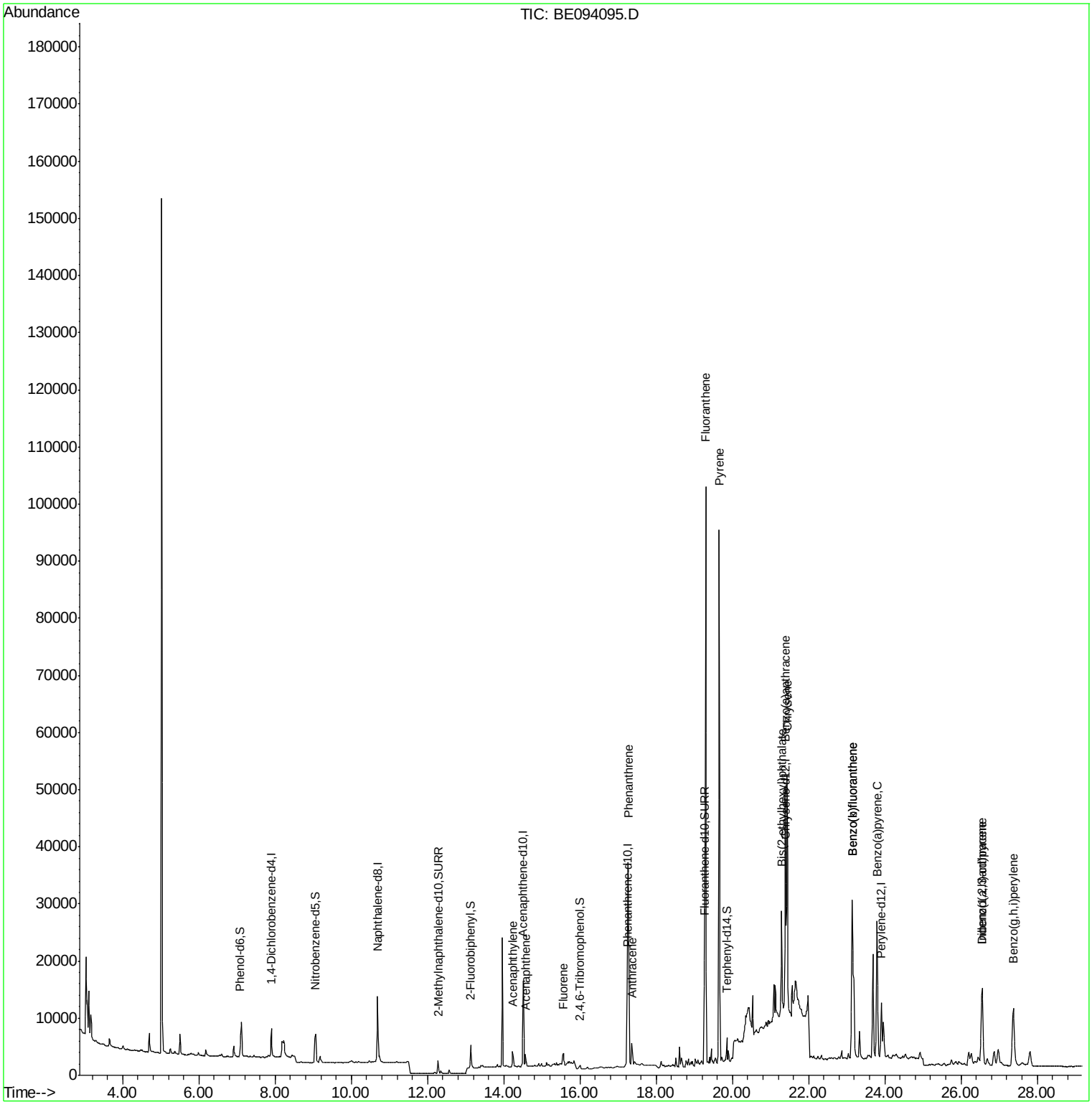
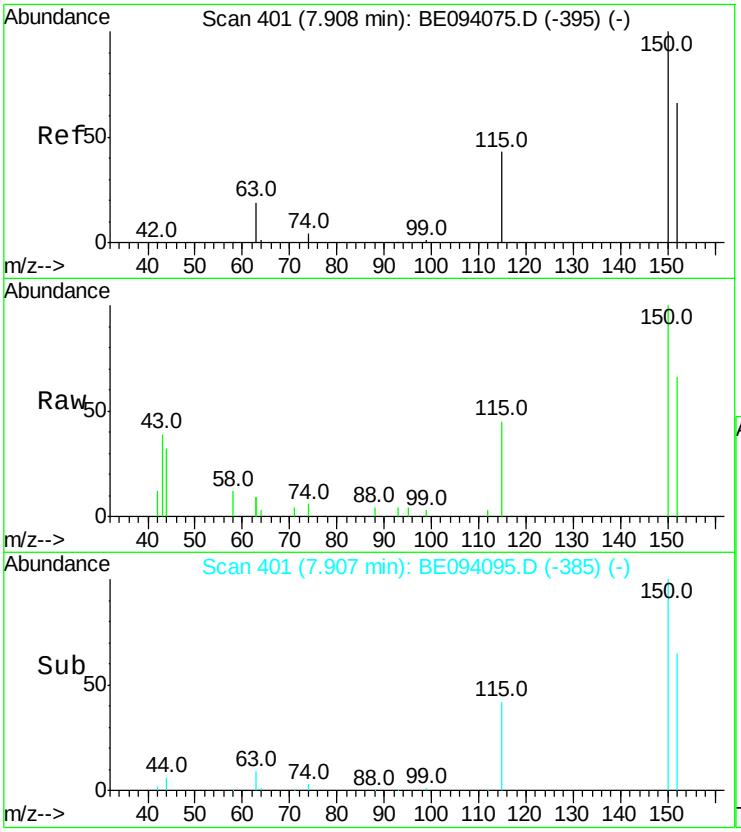


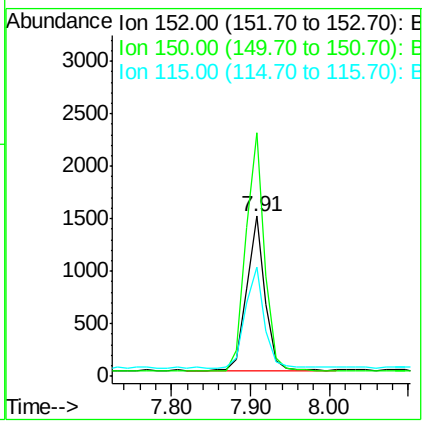


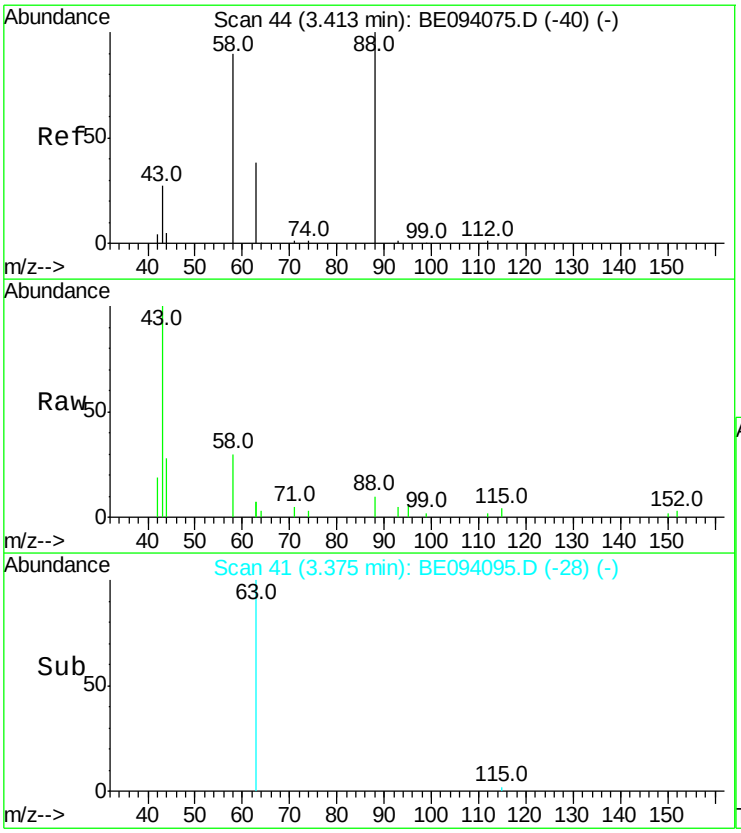
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2373

Ion	Ratio	Lower	Upper
152	100		
150	152.3	117.2	175.8
115	68.3	57.0	85.6

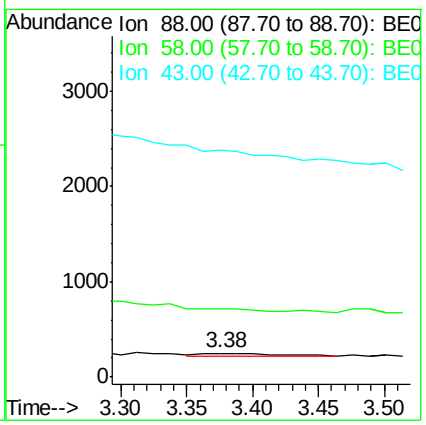


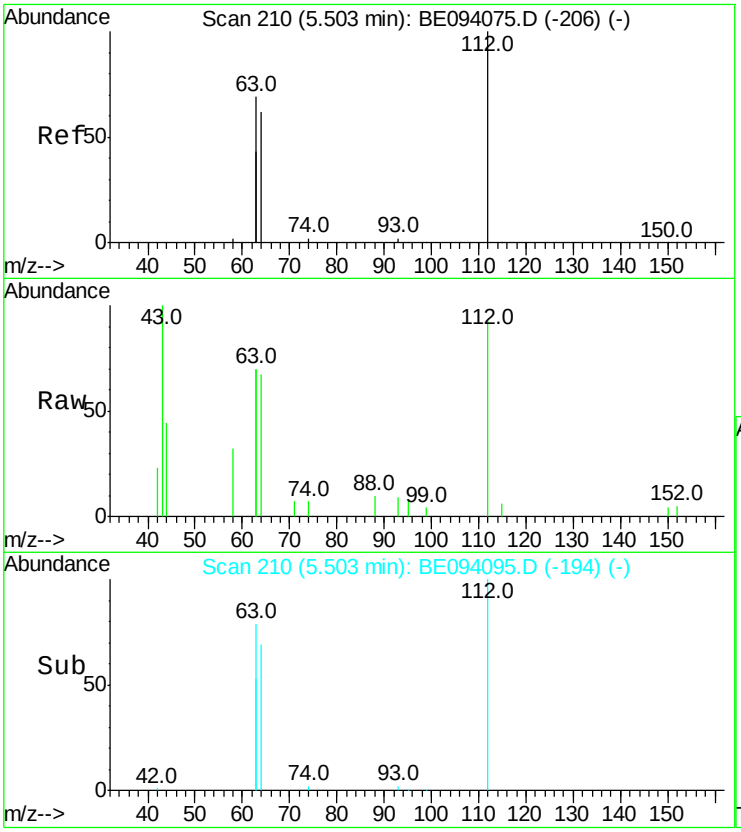


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.38 min Scan# 41
Delta R.T. -0.04 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion: 88 Resp: 109

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	0.0	41.2	61.8#



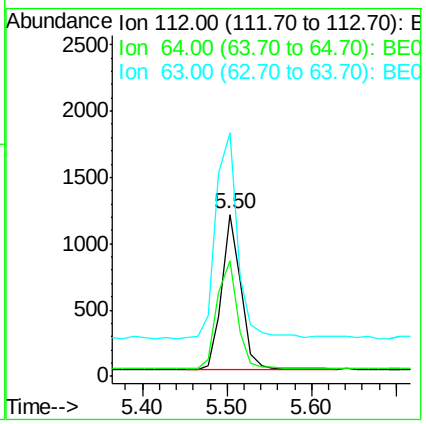


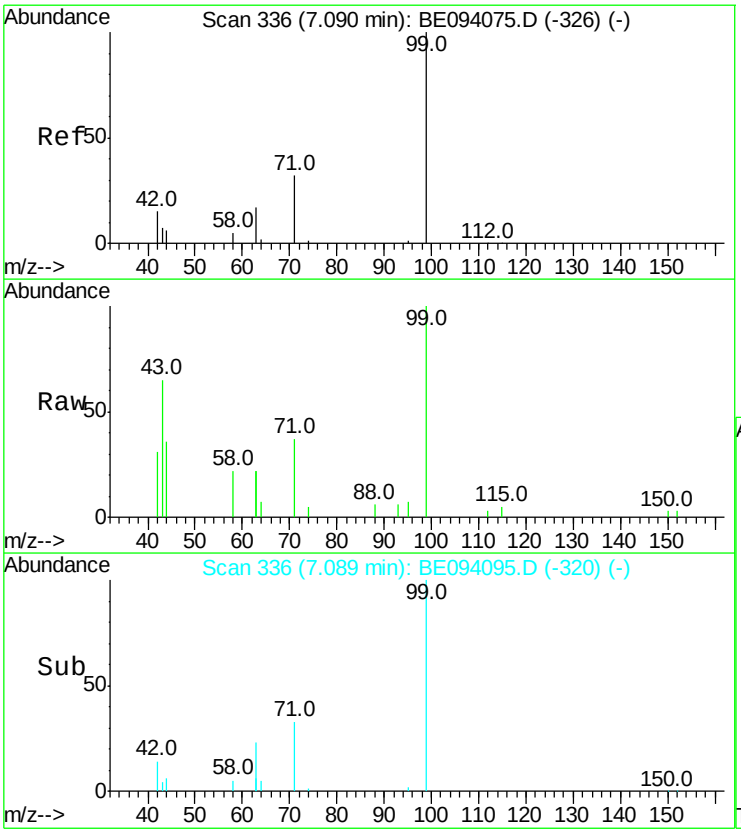
#4
2-Fluorophenol
Concen: 0.011 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 1853

Ion	Ratio	Lower	Upper
112	100		
64	75.1	60.1	90.1
63	150.0	116.8	175.2

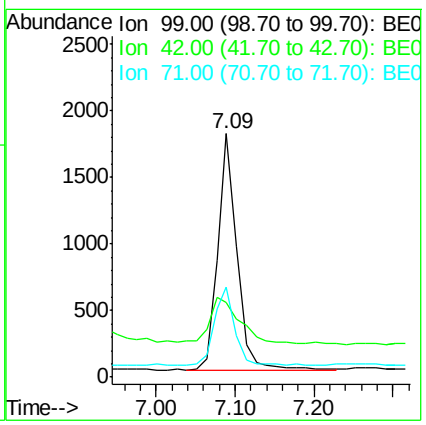


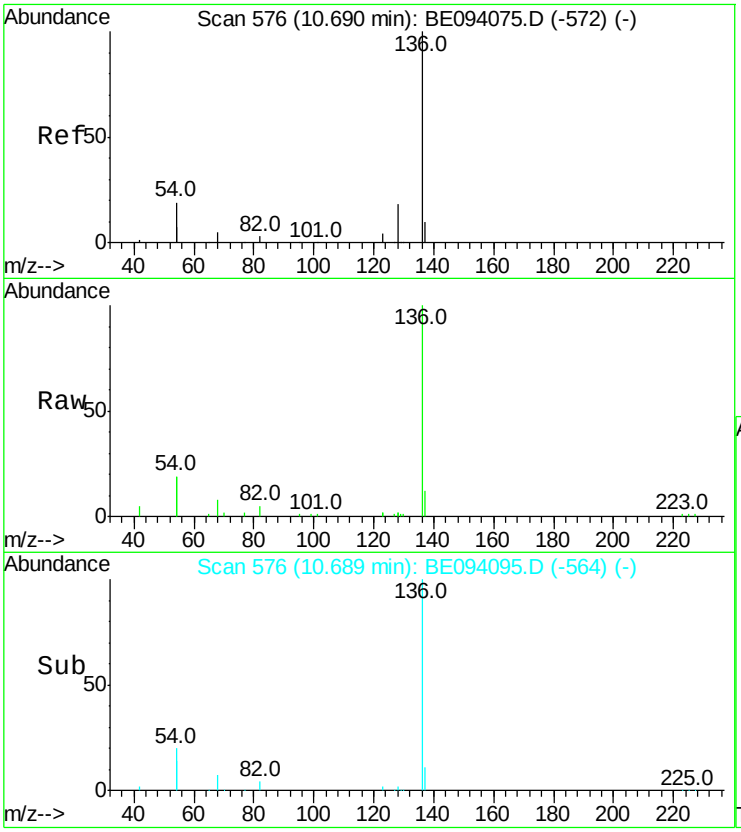


#5
Phenol-d6
Concen: 0.216 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion: 99 Resp: 3025

Ion	Ratio	Lower	Upper
99	100		
42	29.2	20.2	30.2
71	34.8	28.4	42.6



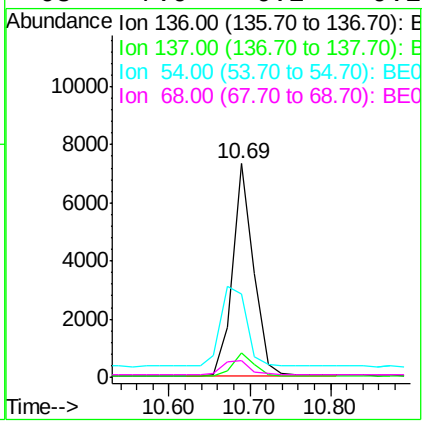


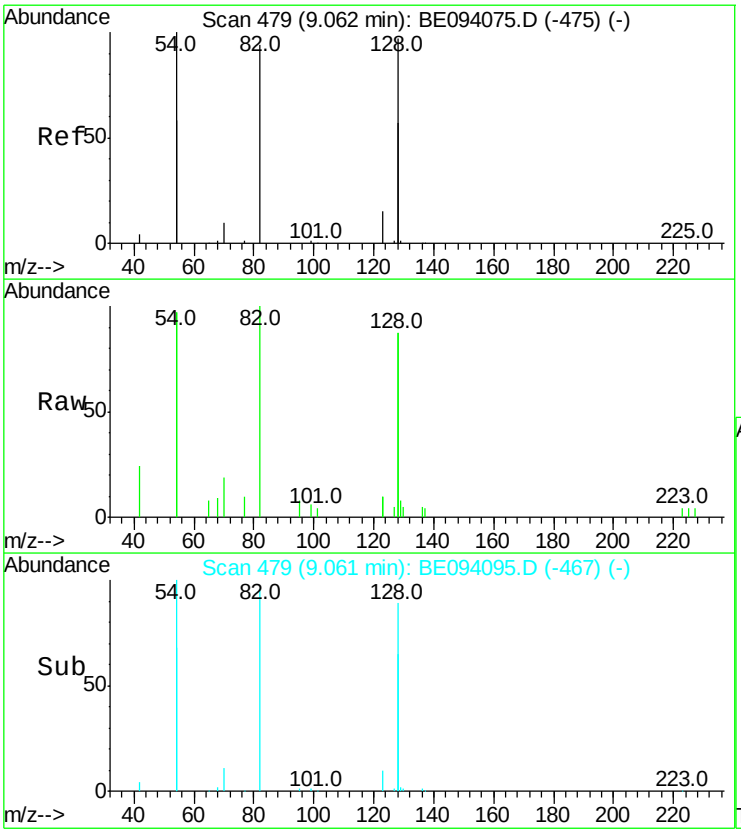
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13225

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	38.9	29.1	43.7
68	7.9	6.2	9.2

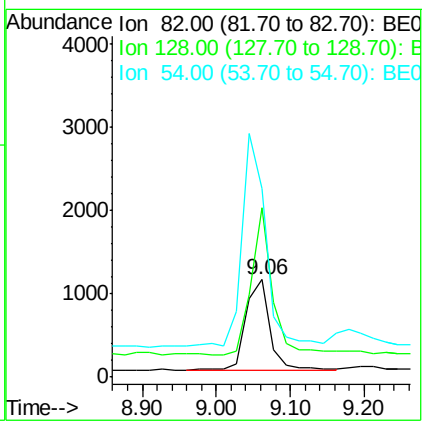


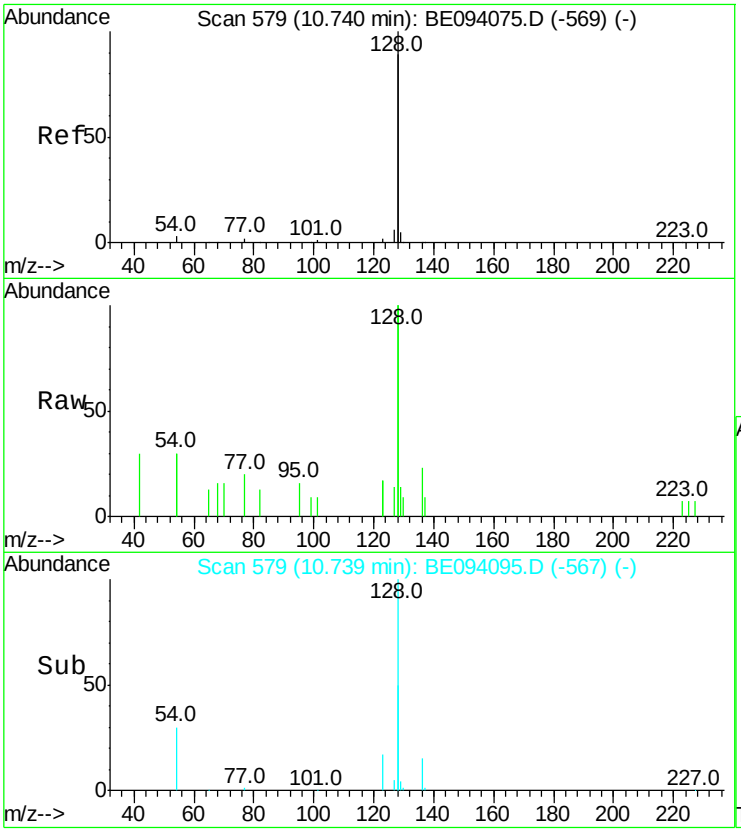


#8
Nitrobenzene-d5
Concen: 0.210 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion: 82 Resp: 2474

Ion	Ratio	Lower	Upper
82	100		
128	173.8	150.0	225.0
54	194.5	154.2	231.4



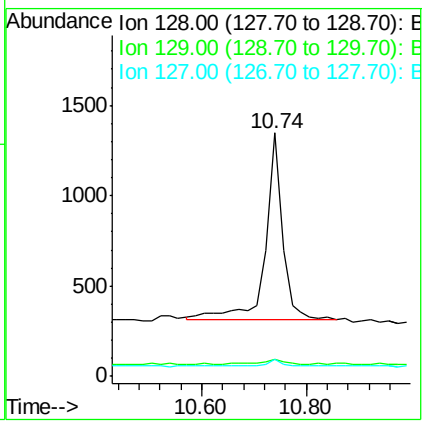


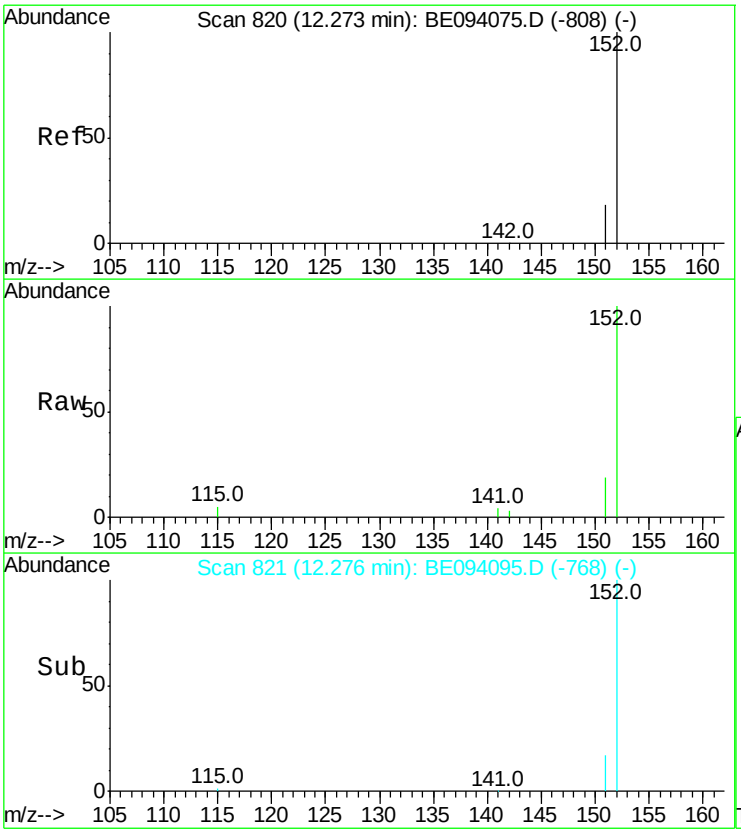
#9
Naphthalene
Concen: Below Cal
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 2337

Ion	Ratio	Lower	Upper
128	100		
129	7.1	2.6	3.8#
127	6.8	2.8	4.2#

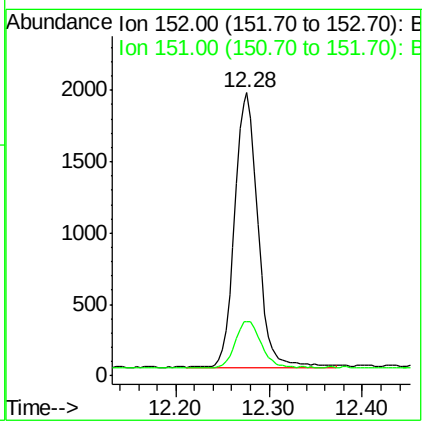


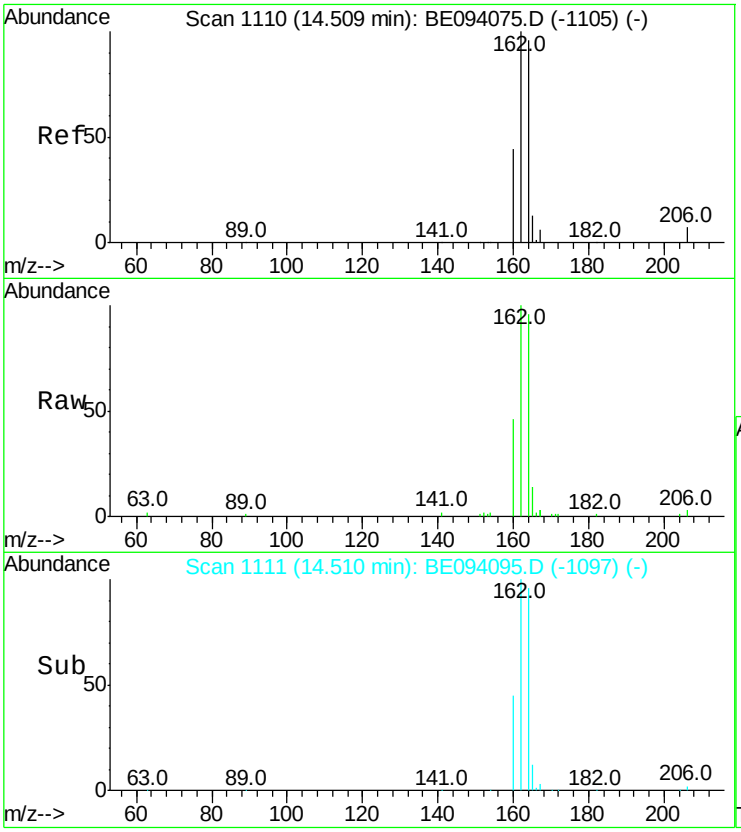


#11
2-Methylnaphthalene-d10
Concen: 0.149 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:152 Resp: 3341

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0



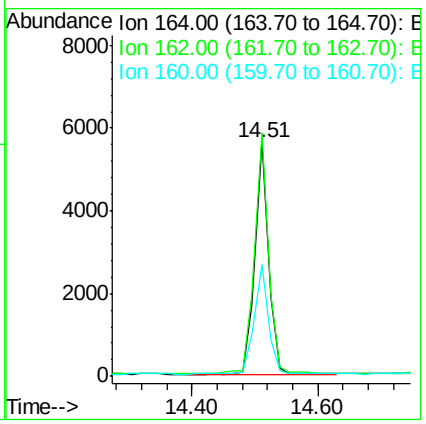


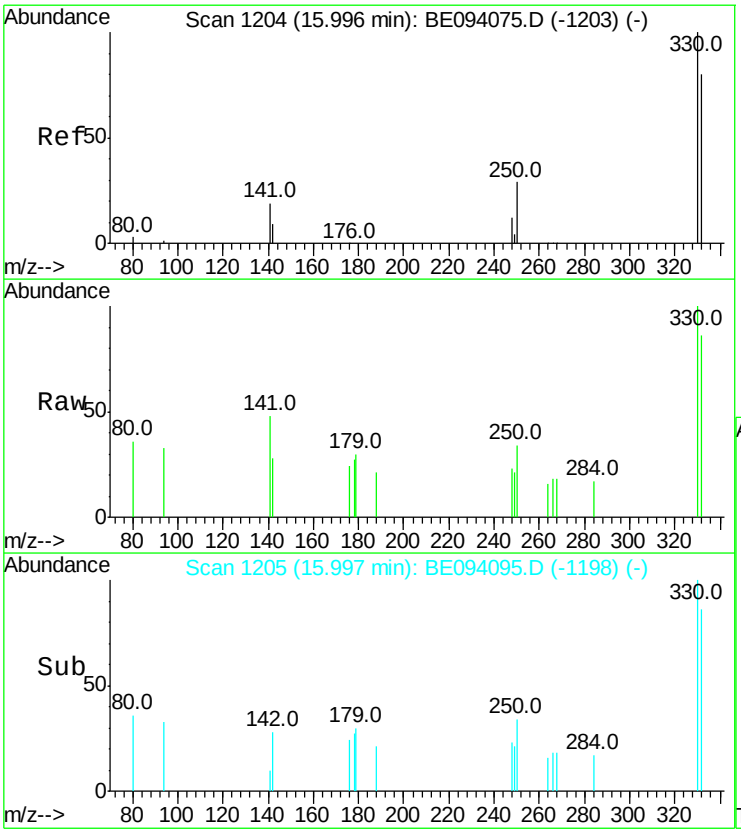
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8368

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.1	124.7
160	47.5	37.1	55.7

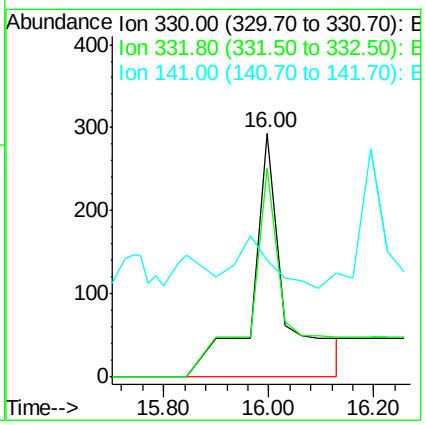


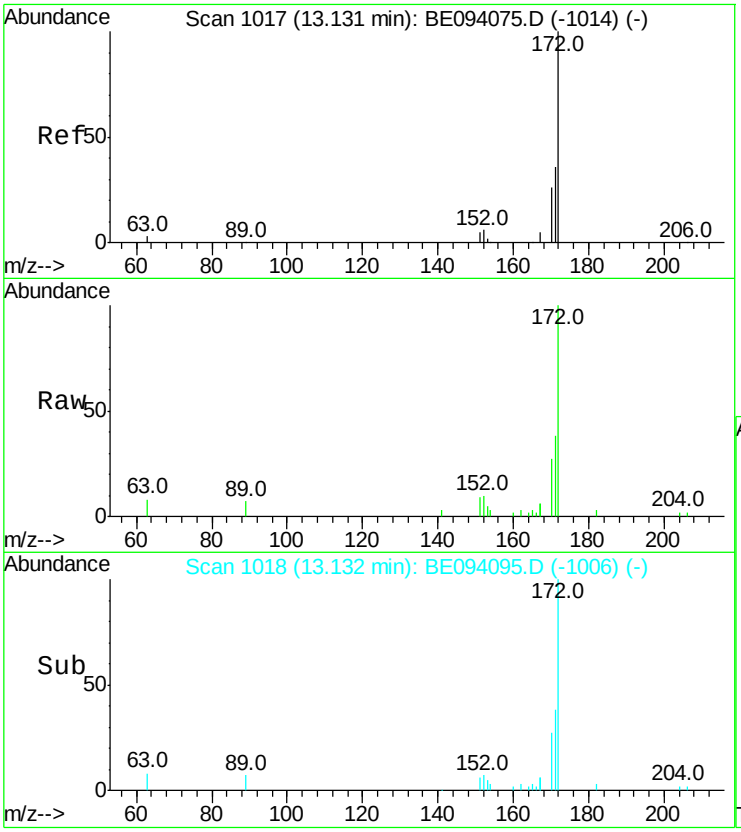


#14
2,4,6-Tribromophenol
Concen: 0.213 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:330 Resp: 1354

Ion	Ratio	Lower	Upper
330	100		
332	95.8	152.7	229.1#
141	0.0	33.7	50.5#



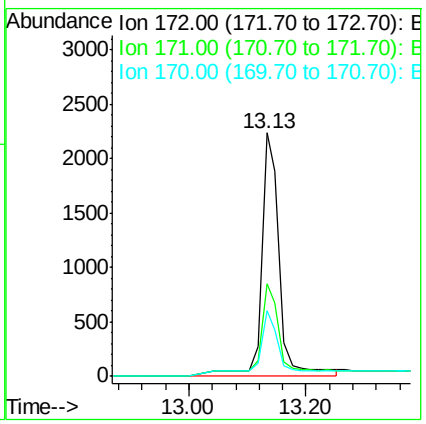


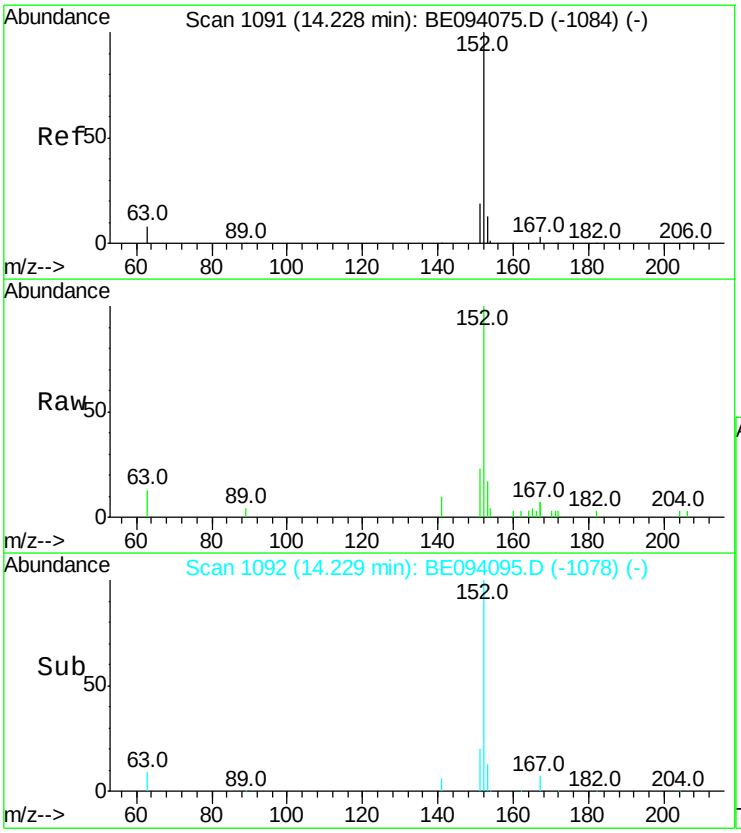
#15
2-Fluorobiphenyl
Concen: 0.187 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5150

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.9	44.9
170	26.8	21.8	32.8

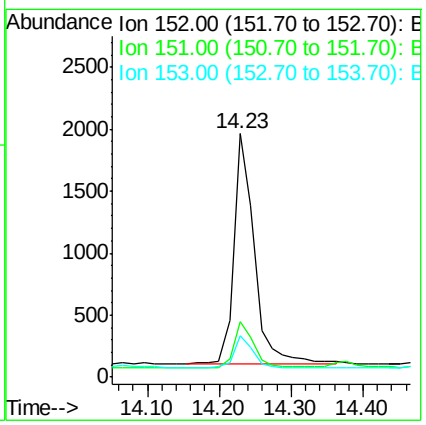


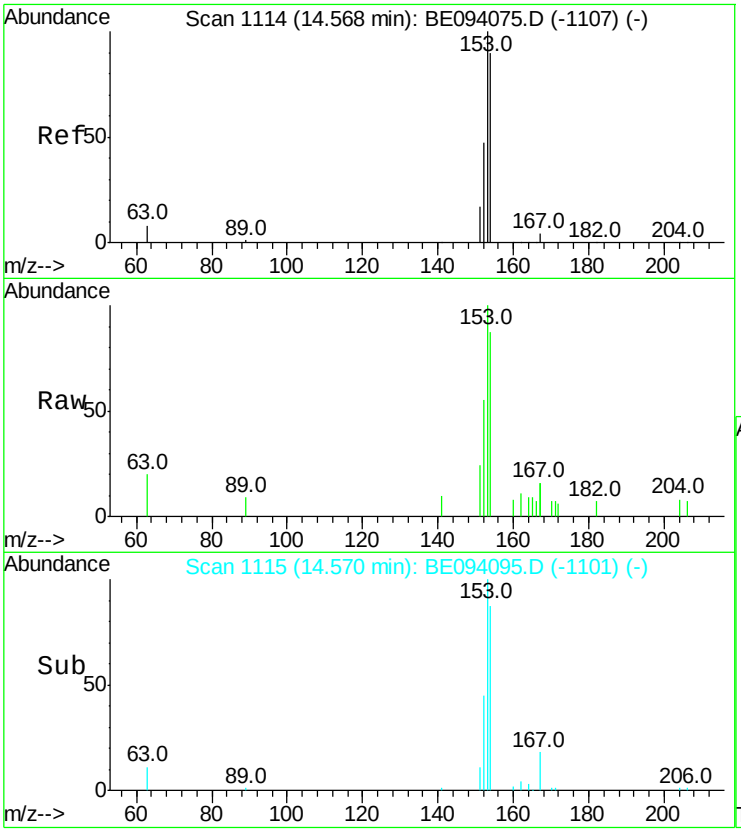


#16
Acenaphthylene
Concen: 0.088 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:152 Resp: 3728

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.7	23.5
153	13.9	10.5	15.7



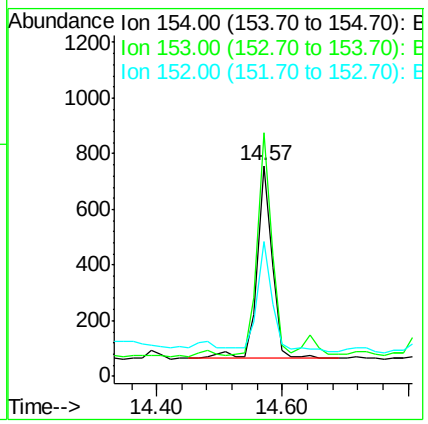


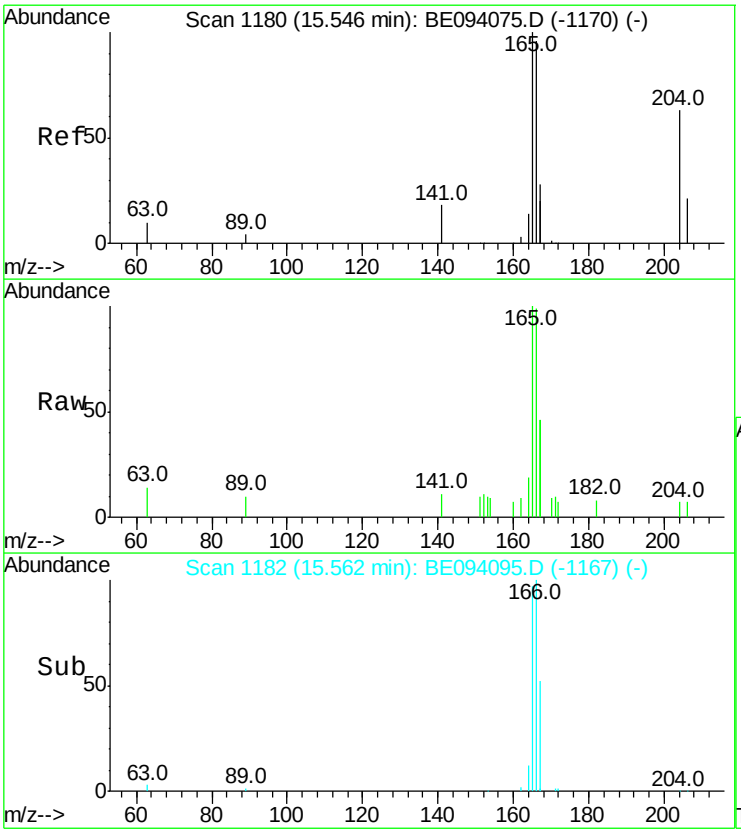
#17
Acenaphthene
Concen: 0.042 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1167

Ion	Ratio	Lower	Upper
154	100		
153	108.1	89.2	133.8
152	58.7	42.0	63.0

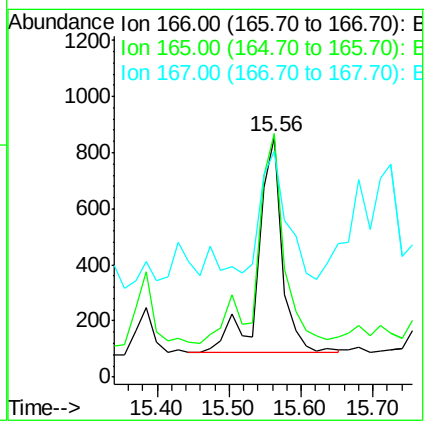


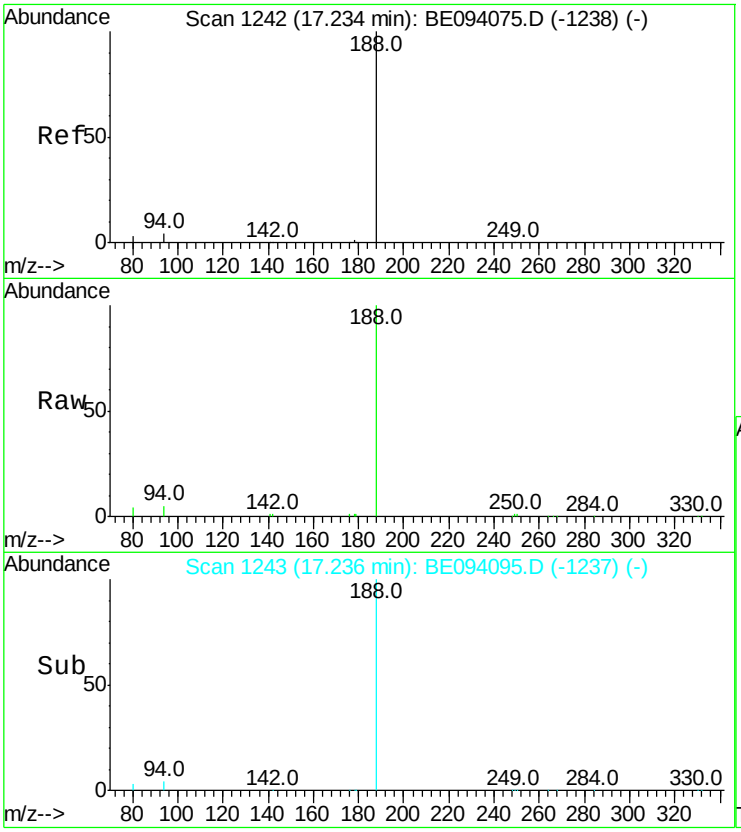


#18
Fluorene
Concen: 0.043 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.02 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:166 Resp: 1787

Ion	Ratio	Lower	Upper
166	100		
165	109.0	77.8	116.6
167	63.8	42.4	63.6#



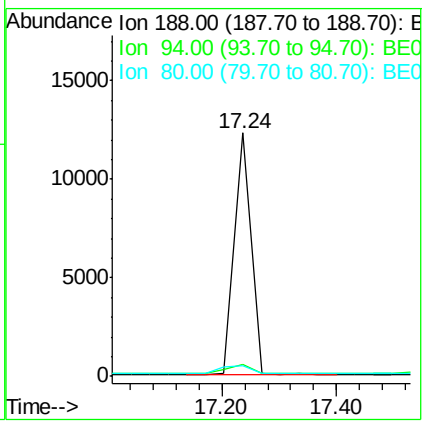


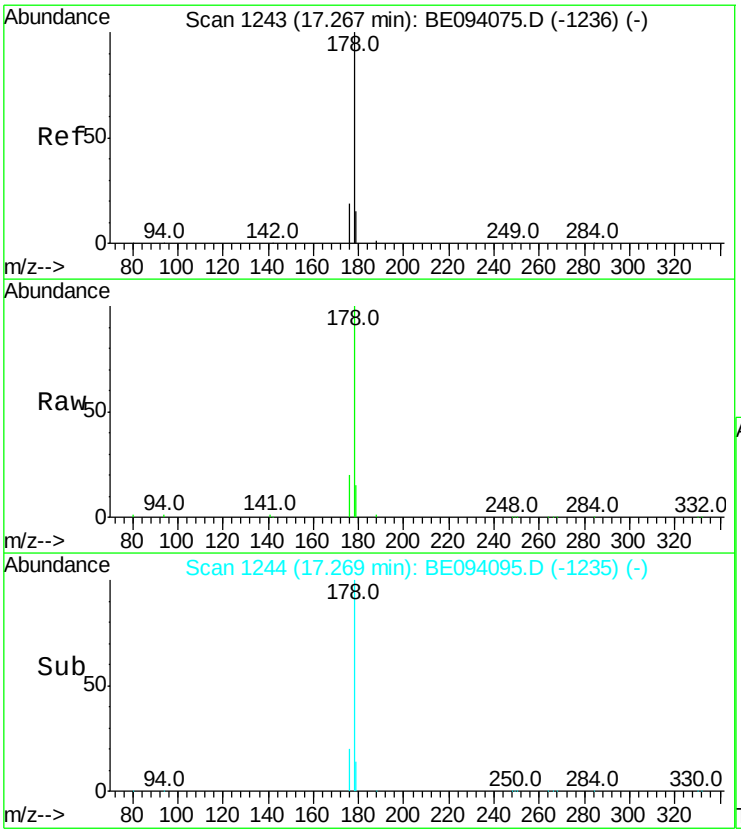
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 24646

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.9	5.9
80	4.4	3.6	5.4

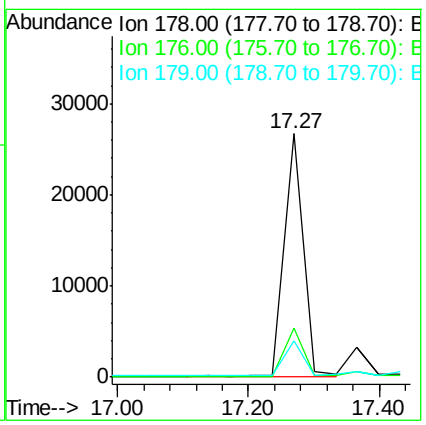


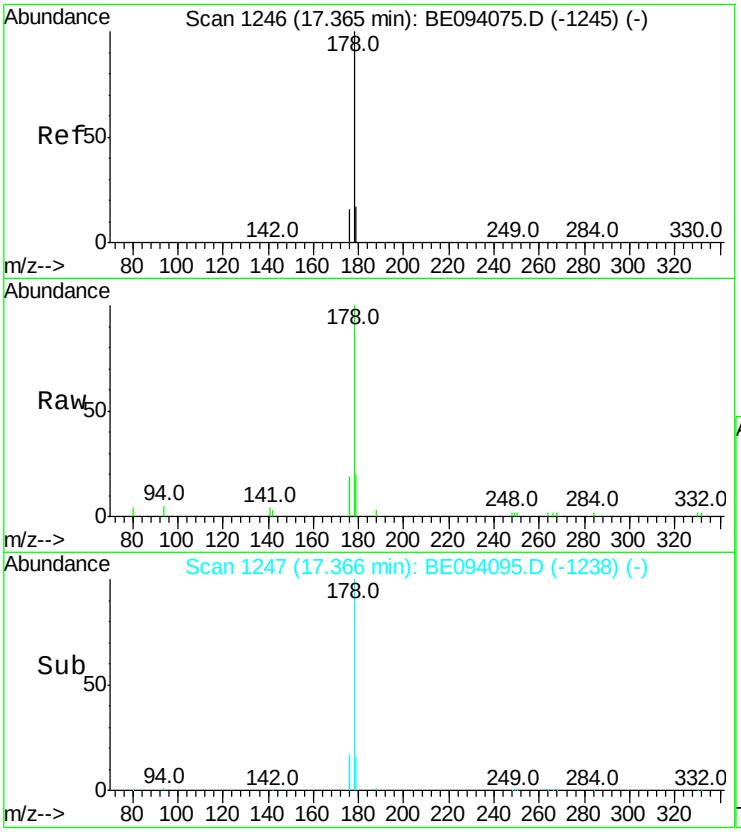


#23
Phenanthrene
Concen: 0.604 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:178 Resp: 53338

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.3	11.8	17.6



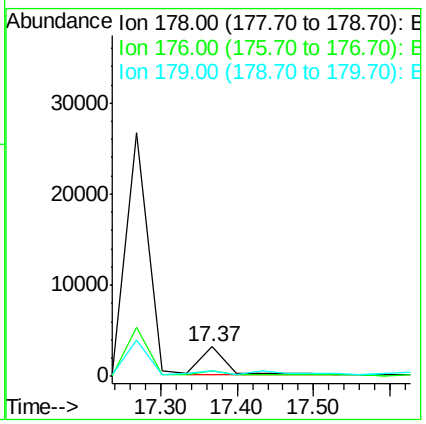


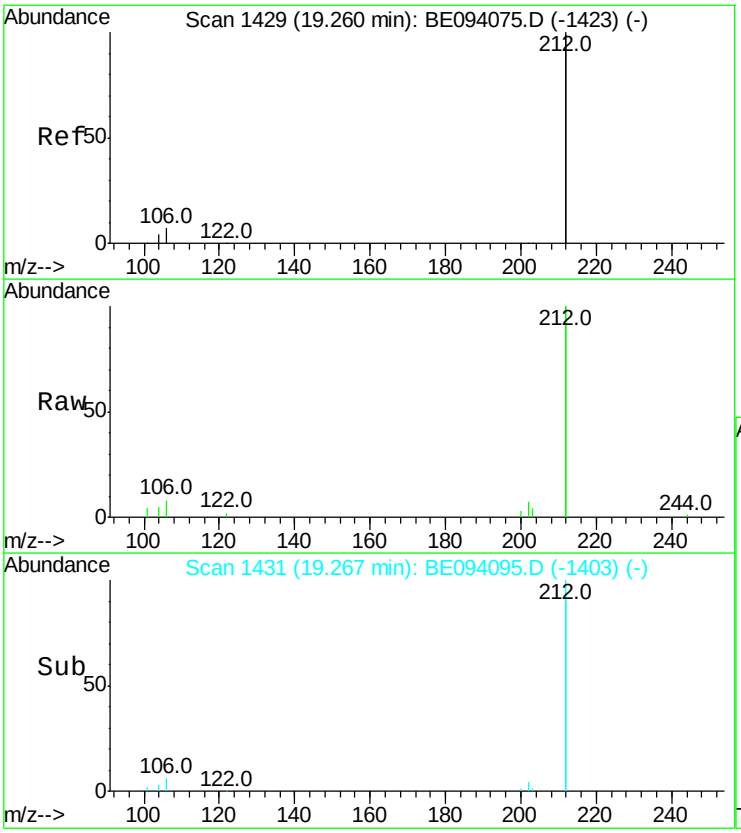
#24
Anthracene
Concen: 0.104 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7084

Ion	Ratio	Lower	Upper
178	100		
176	16.7	12.8	19.2
179	12.1	13.0	19.6#

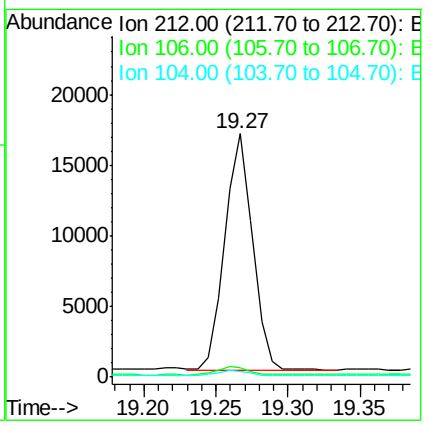


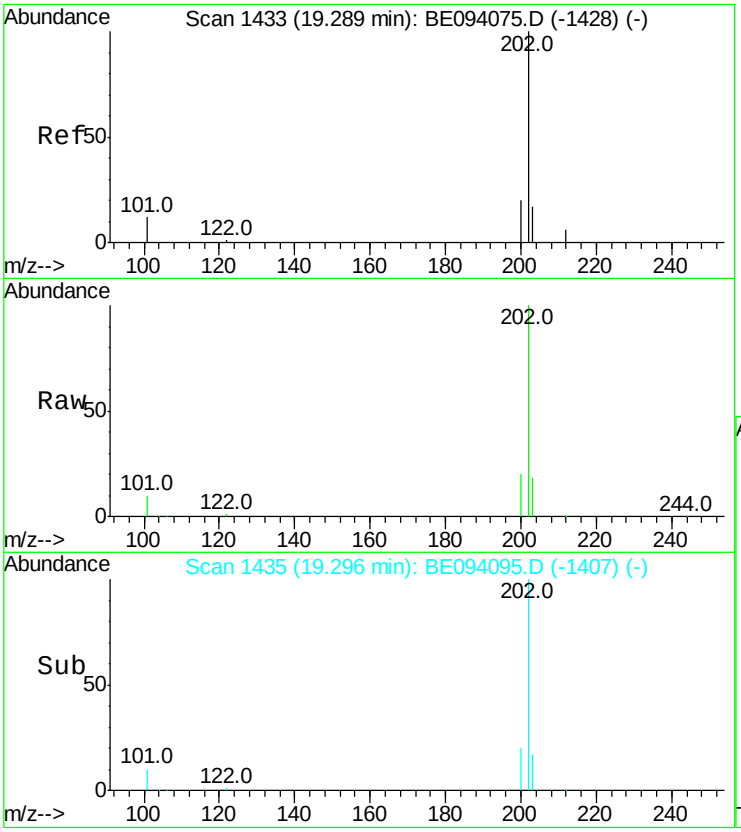


#25
Fluoranthene-d10
Concen: 0.071 ng
RT: 19.27 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:212 Resp: 22303

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



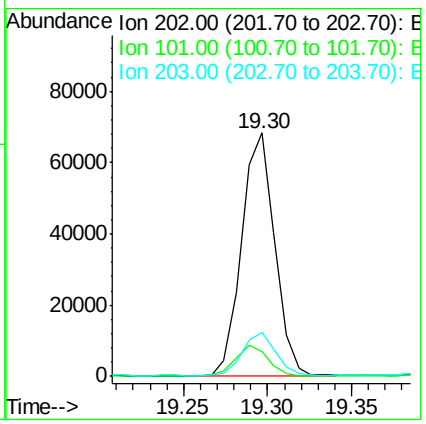


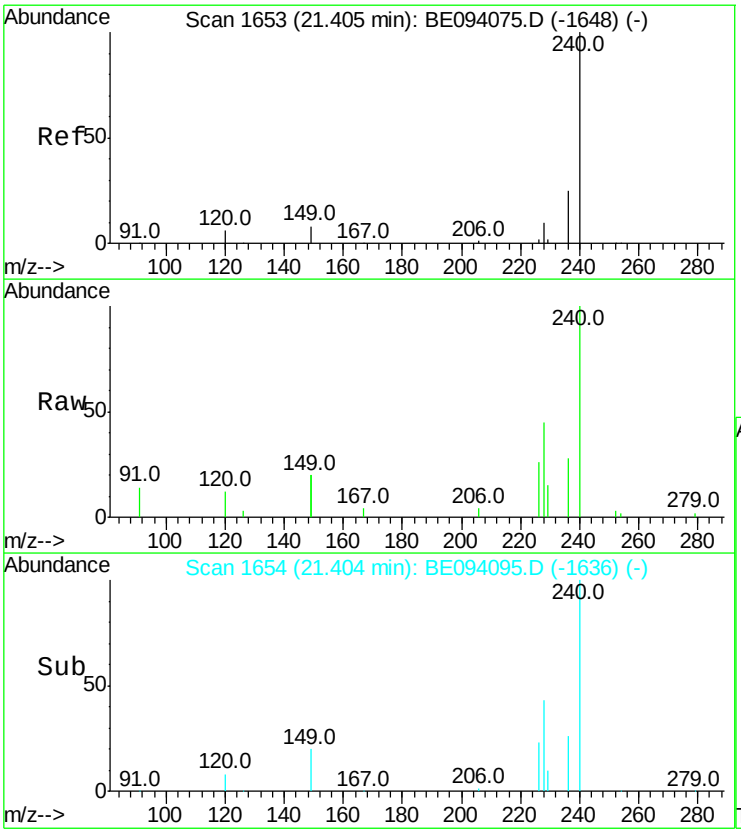
#26
Fluoranthene
Concen: 0.985 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 93303

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
203	17.5	13.7	20.5

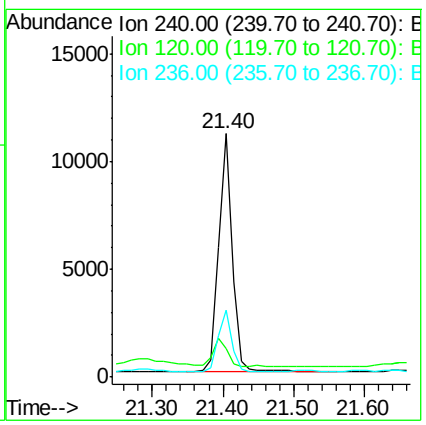


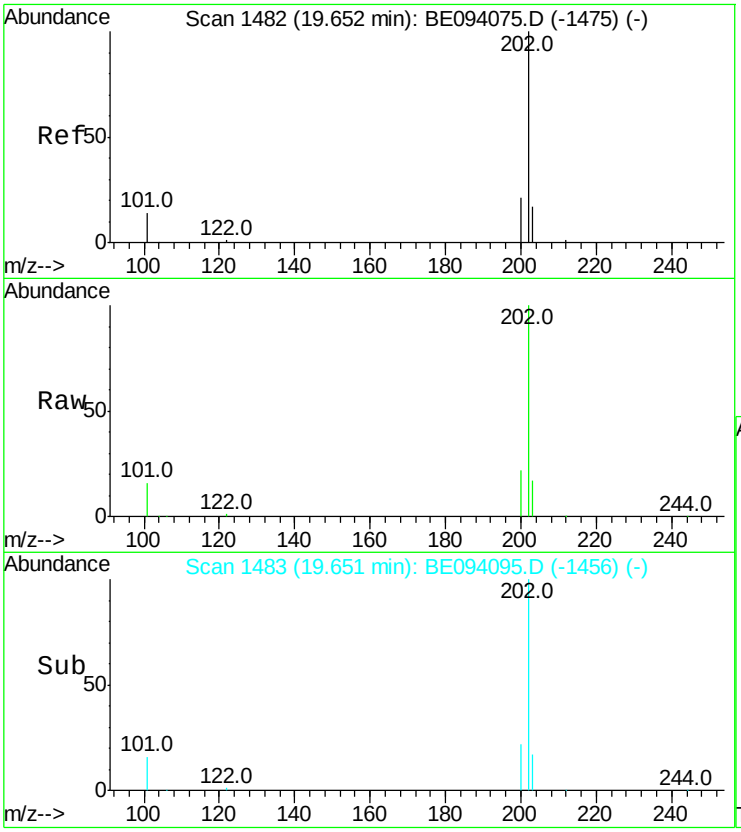


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:240 Resp: 15031

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.5	8.3#
236	27.5	20.7	31.1



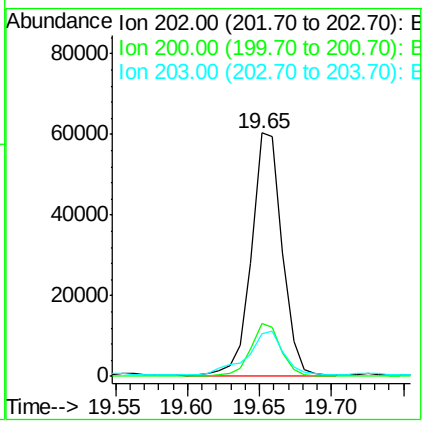


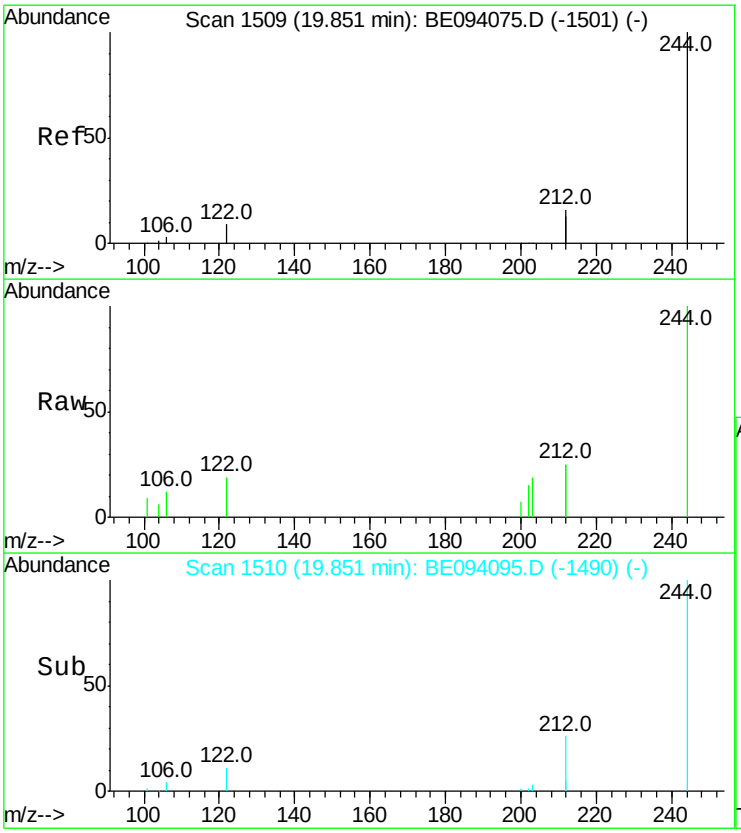
#28
Pyrene
Concen: 2.128 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 88486

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	21.6	13.8	20.8#

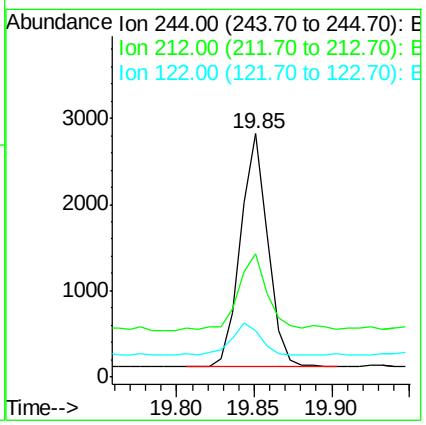


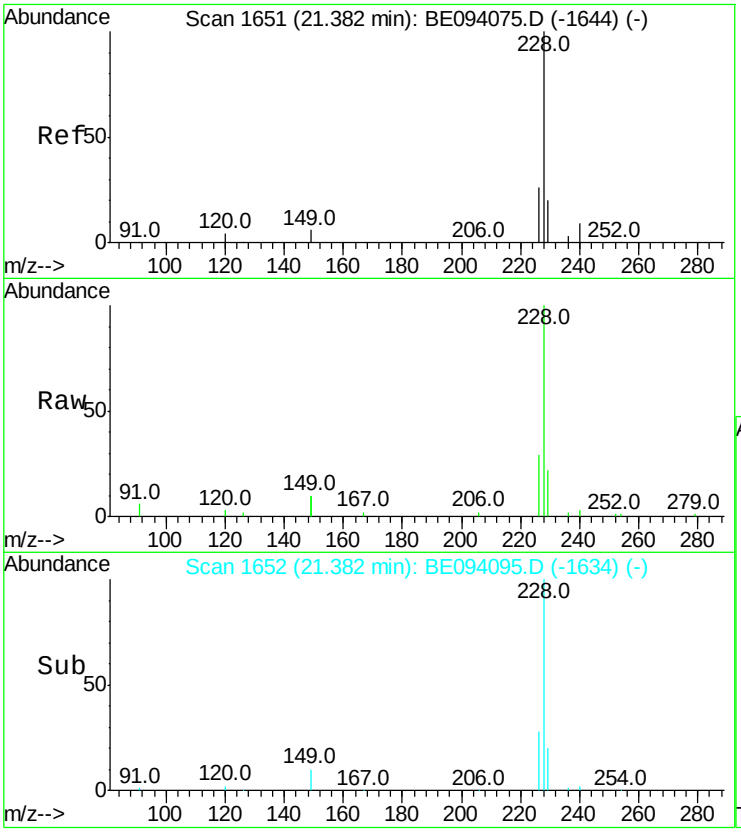


#29
Terphenyl-d14
Concen: 0.140 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:244 Resp: 3288

Ion	Ratio	Lower	Upper
244	100		
212	50.6	25.4	38.0#
122	19.0	8.1	12.1#



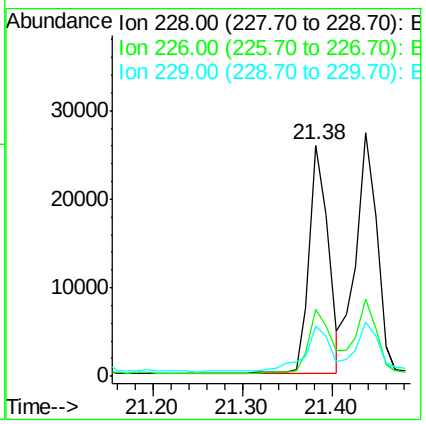


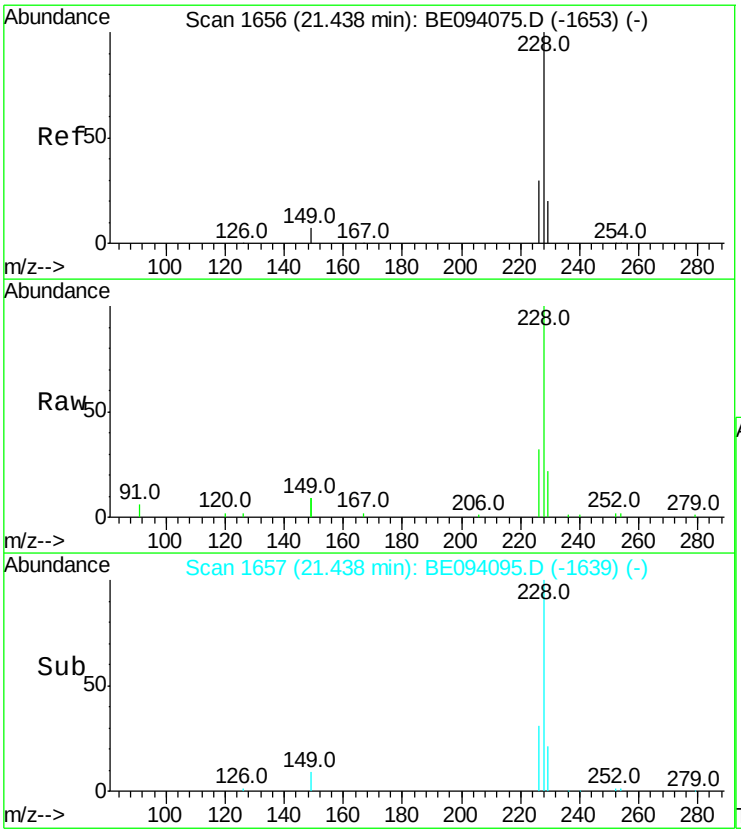
#30
Benzo(a)anthracene
Concen: 0.758 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 38131

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.4	32.0
229	22.0	16.4	24.6

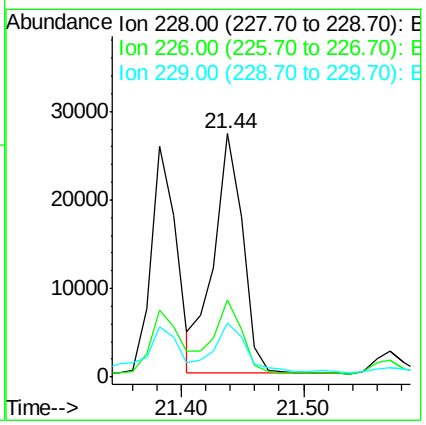


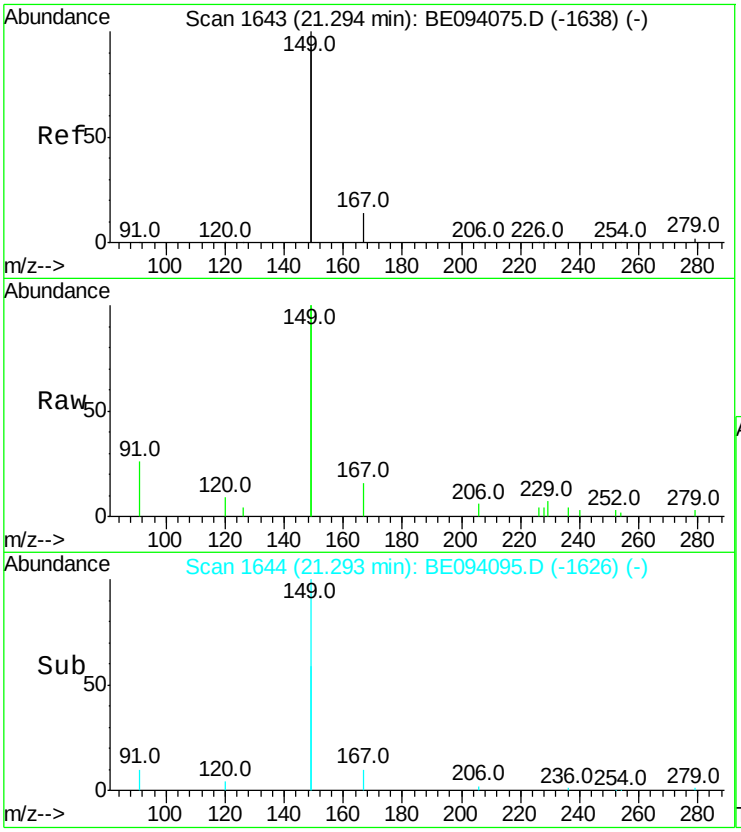


#31
Chrysene
Concen: 0.899 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:228 Resp: 44349

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.6	35.4
229	22.4	16.4	24.6



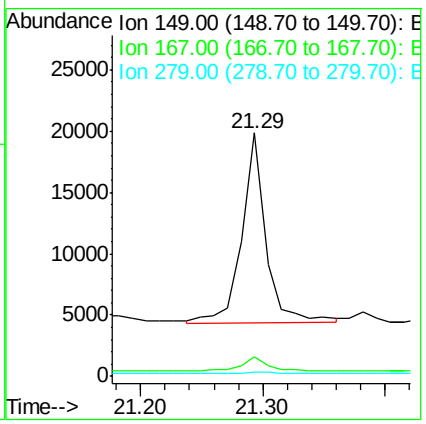


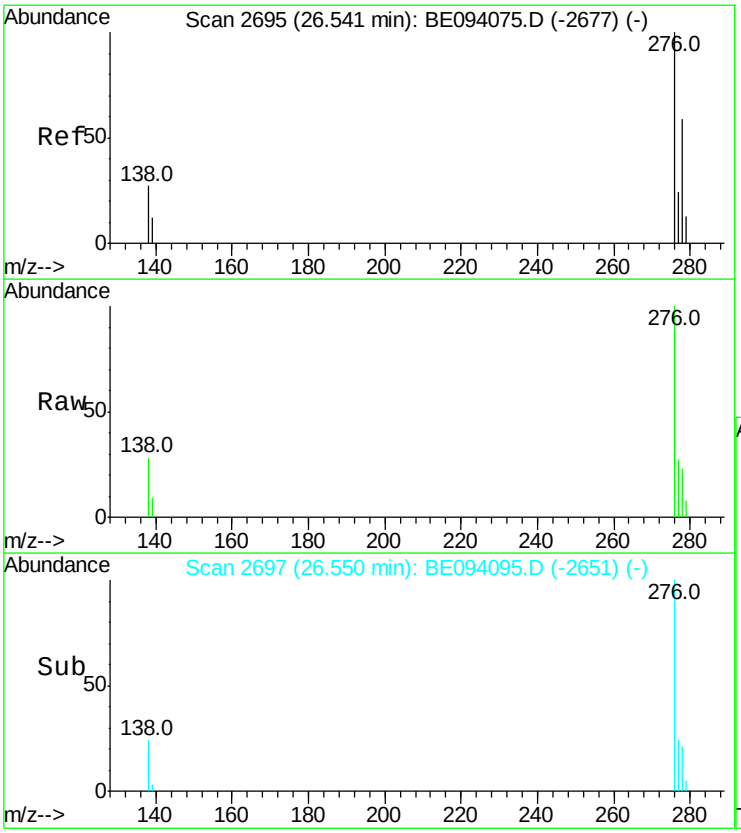
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.158 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 21412

Ion	Ratio	Lower	Upper
149	100		
167	9.0	5.4	8.0#
279	1.2	0.7	1.1#

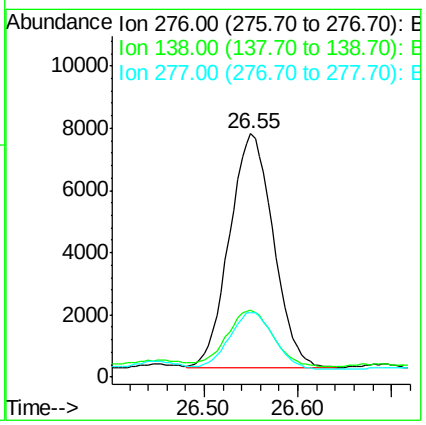


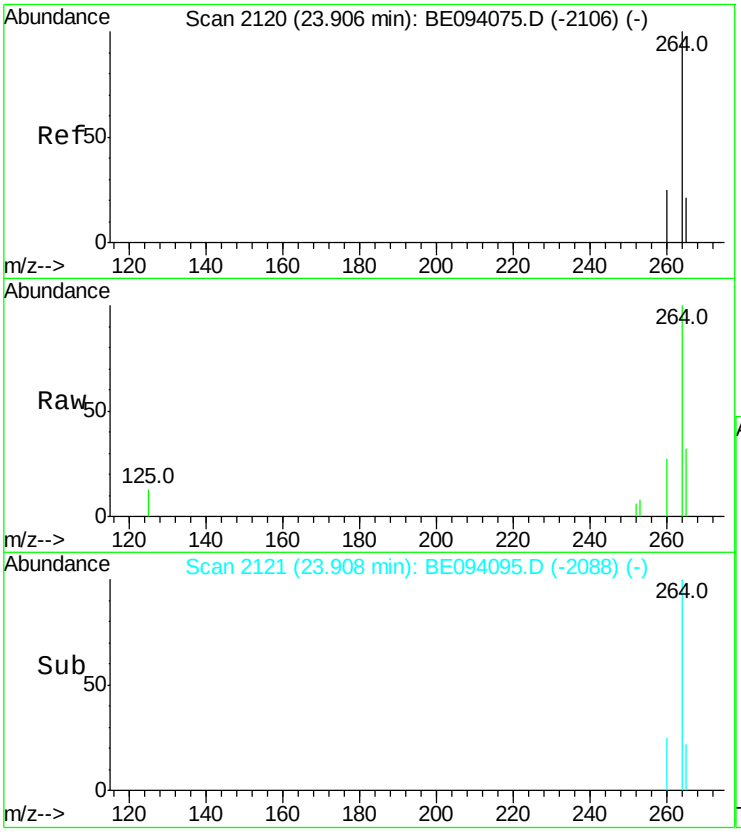


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.645 ng
RT: 26.55 min Scan# 2697
Delta R.T. 0.01 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:276 Resp: 24615

Ion	Ratio	Lower	Upper
276	100		
138	24.7	22.5	33.7
277	24.9	19.9	29.9



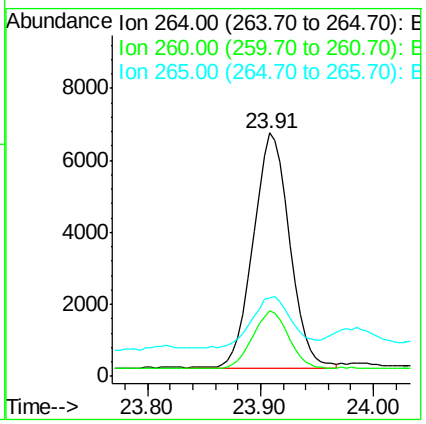


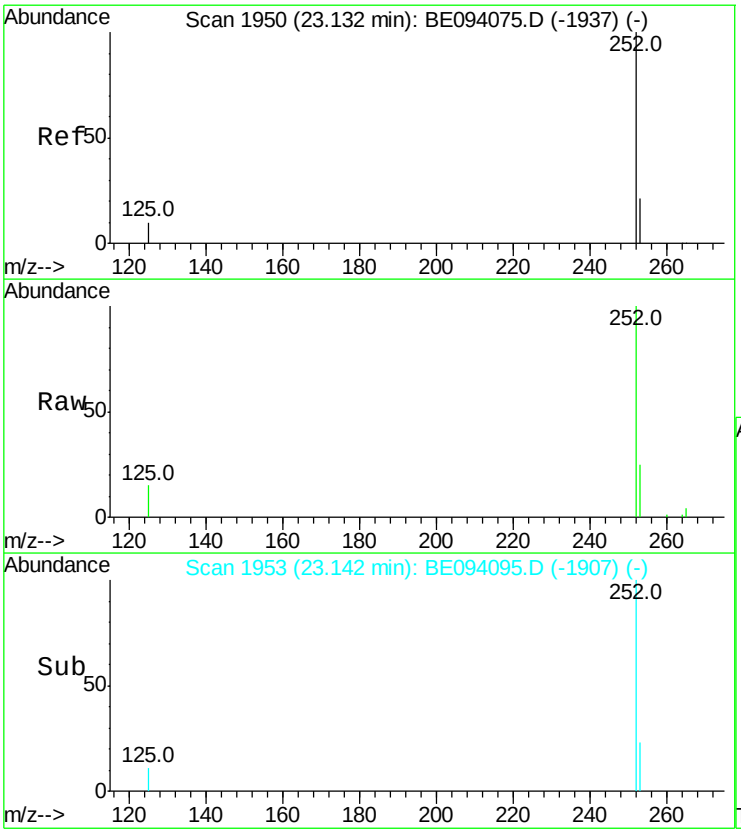
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 14455

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.5	30.7
265	32.3	22.8	34.2

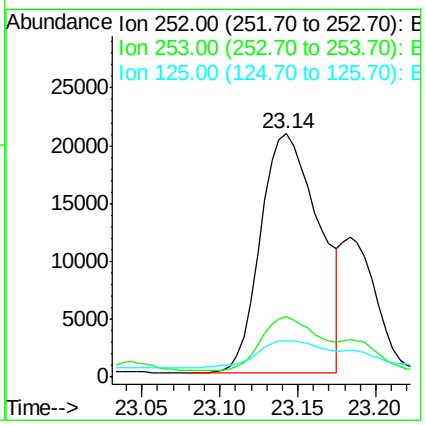


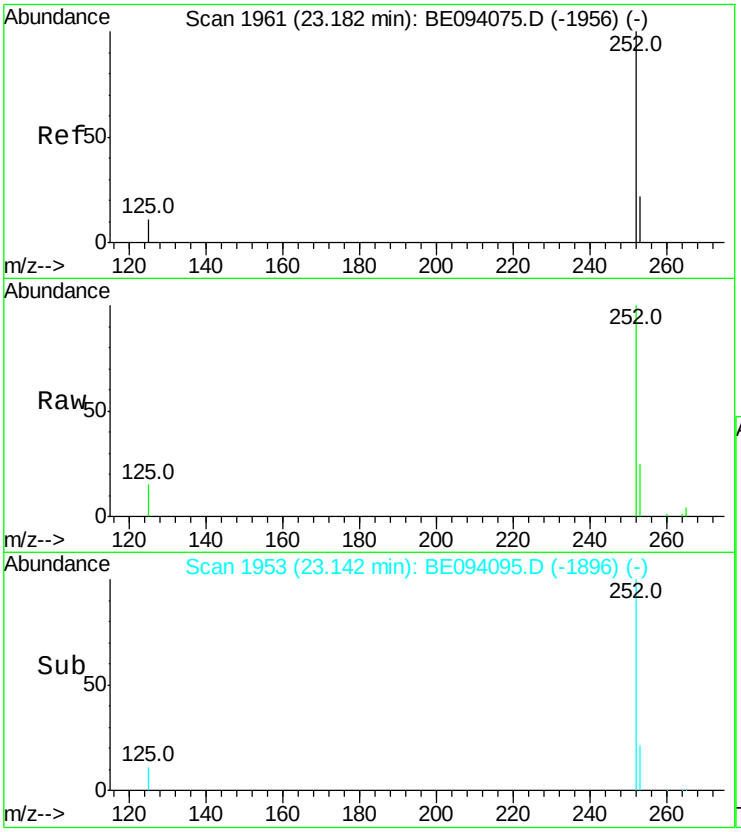


#35
Benzo(b)fluoranthene
Concen: 1.033 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:252 Resp: 54028

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	15.1	10.1	15.1#



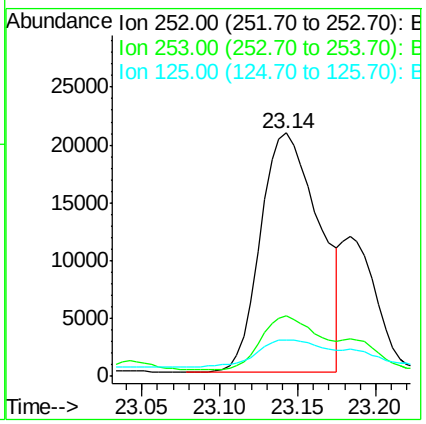


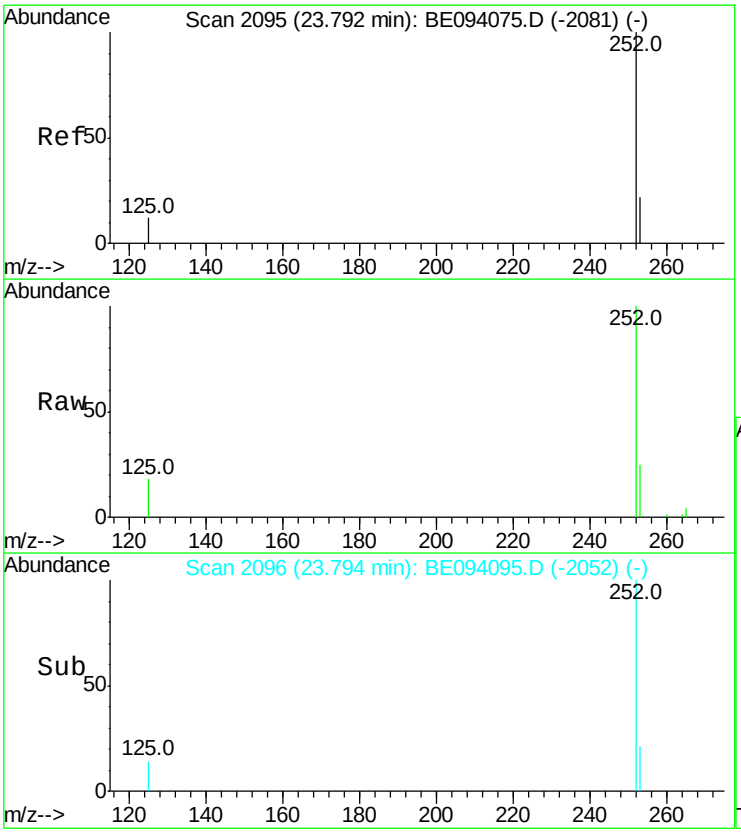
#36
Benzo(k)fluoranthene
Concen: 1.029 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 54028

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.6	27.8
125	15.1	10.7	16.1

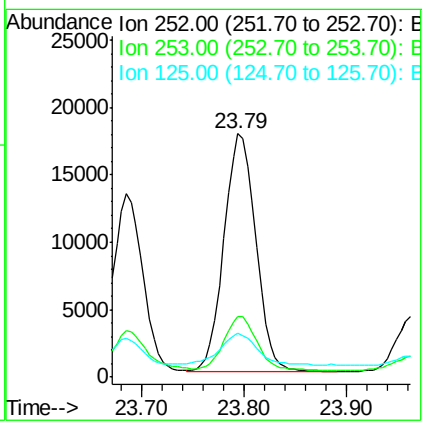


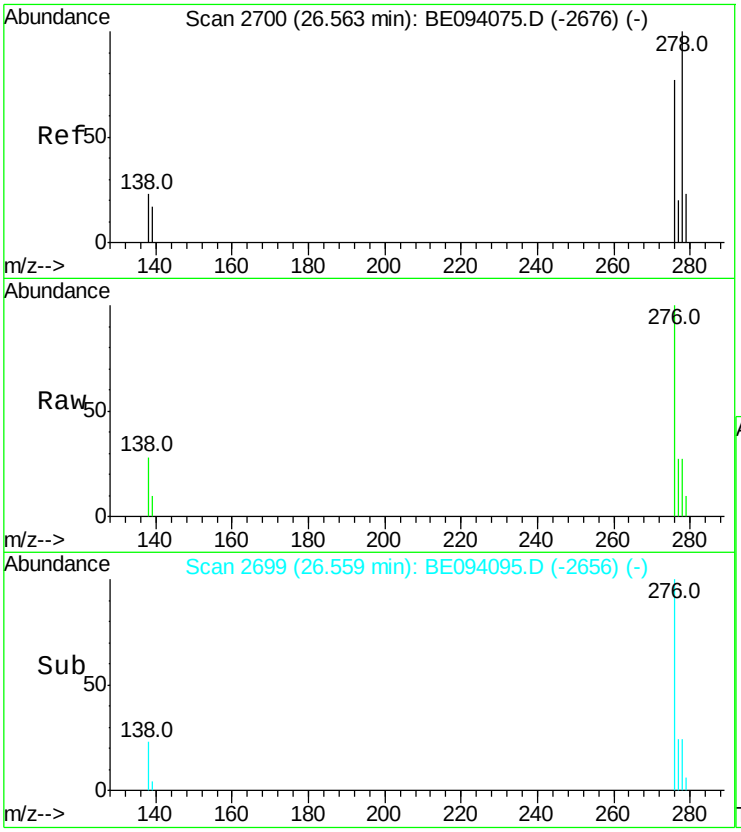


#37
Benzo(a)pyrene
Concen: 0.806 ng
RT: 23.79 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:252 Resp: 37842

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.0	28.6
125	17.9	11.8	17.8#



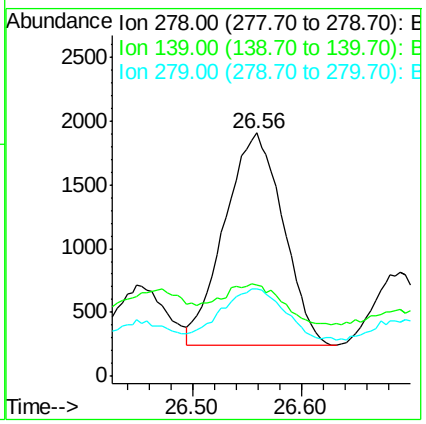


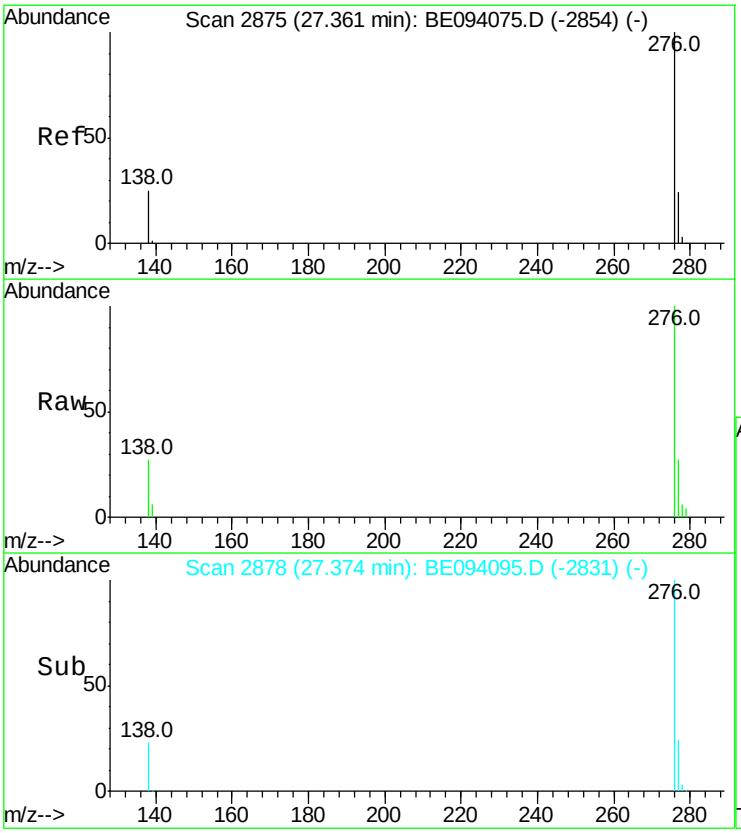
#38
Dibenzo(a,h)anthracene
Concen: 0.165 ng
RT: 26.56 min Scan# 2699
Delta R.T. -0.00 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 6204

Ion	Ratio	Lower	Upper
278	100		
139	37.4	16.3	24.5#
279	35.7	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.663 ng
RT: 27.37 min Scan# 2878
Delta R.T. 0.01 min
Lab File: BE094095.D
Acq: 24 Sep 2017 1:42

Tgt Ion:276 Resp: 24908

Ion	Ratio	Lower	Upper
276	100		
277	26.9	20.8	31.2
138	27.5	21.5	32.3