Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100317\
Data File : BE094161.D
Acq On : 3 Oct 2017 19:14
Operator : SJ/JU
Sample : I5496-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 06:52:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 13:57:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1680	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	8575	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	5374	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	17149	0.40	ng		0.00
27) Chrysene-d12	21.40	240	14566	0.40	ng		0.00
34) Perylene-d12	23.90	264	13640	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	56947	8.94	ng		0.00
5) Phenol-d6	7.08	99	68984	7.80	ng		-0.01
8) Nitrobenzene-d5	9.04	82	284313	34.26	ng		-0.02
11) 2-Methylnaphthalene-d10	12.28	152	6	0.00	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	17560	6.26	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	606648	34.16	ng		0.00
25) Fluoranthene-d10	19.30	212	513	0.00	ng		0.03
29) Terphenyl-d14	19.85	244	887346	33.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	197	0.060	ng	#	1
3) n-Nitrosodimethylamine	3.65	42	506	0.121	ng	#	1
6) bis(2-Chloroethyl)ether	7.23	93	209	0.030	ng	#	1
9) Naphthalene	10.74	128	564	0.006	ng	#	72
10) Hexachlorobutadiene	11.04	225	3	0.001	ng	#	1
12) 2-Methylnaphthalene	12.35	142	37	0.002	ng	#	61
16) Acenaphthylene	14.23	152	17	0.001	ng	#	16
17) Acenaphthene	14.57	154	43	0.003	ng	#	73
18) Fluorene	15.55	166	82	0.004	ng	#	47
21) Hexachlorobenzene	16.55	284	8	0.002	ng	#	26
22) Pentachlorophenol	16.98	266	6	0.001	ng		95
23) Phenanthrene	17.27	178	643	0.015	ng	#	83
24) Anthracene	17.37	178	98	0.002	ng	#	72
26) Fluoranthene	19.30	202	233	0.005	ng	#	51
28) Pyrene	19.66	202	254	0.006	ng	#	83
30) Benzo(a)anthracene	21.38	228	141	0.003	ng	#	1
31) Chrysene	21.44	228	113	0.002	ng	#	24
32) Bis(2-ethylhexyl)phthalate	21.28	149	27920	Below Cal			100
33) Indeno(1,2,3-cd)pyrene	26.57	276	42	0.001	ng	#	70
35) Benzo(b)fluoranthene	23.14	252	148	0.003	ng	#	1
36) Benzo(k)fluoranthene	23.18	252	78	0.002	ng	#	1
37) Benzo(a)pyrene	23.79	252	93	0.002	ng	#	1
38) Dibenzo(a,h)anthracene	26.55	278	11	0.000	ng	#	1
39) Benzo(g,h,i)perylene	27.38	276	49	0.001	ng	#	1

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

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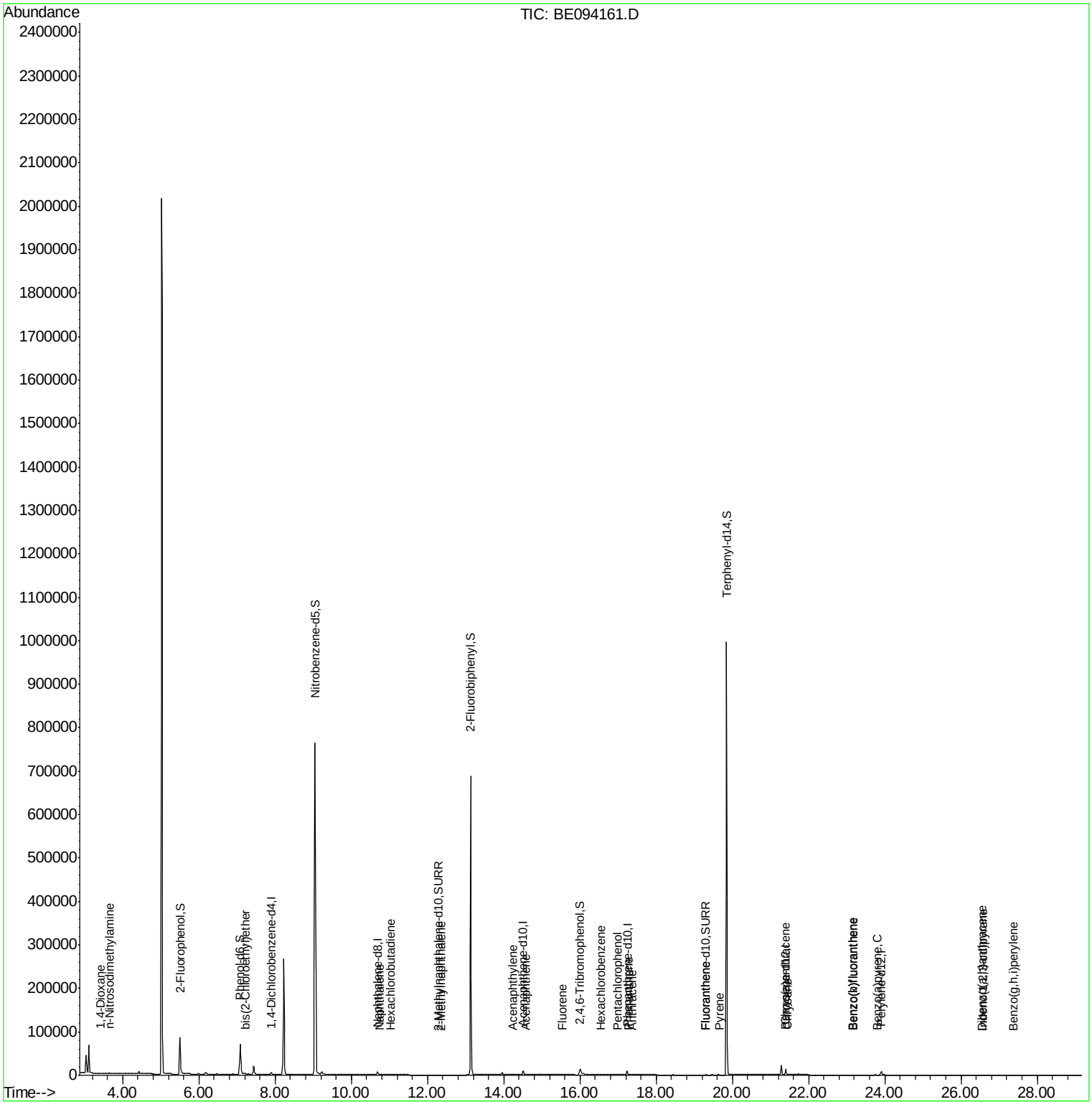
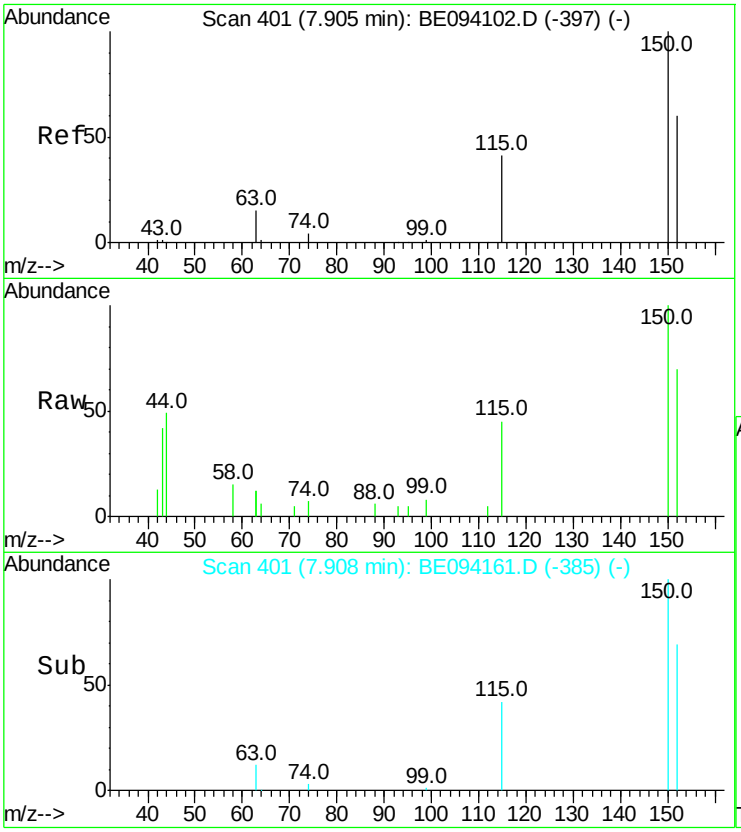
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 13:57:50 2017
Response via : Initial Calibration

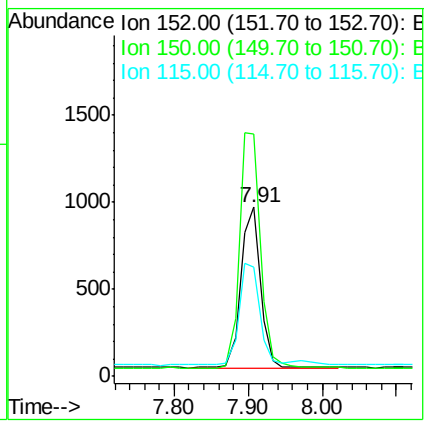


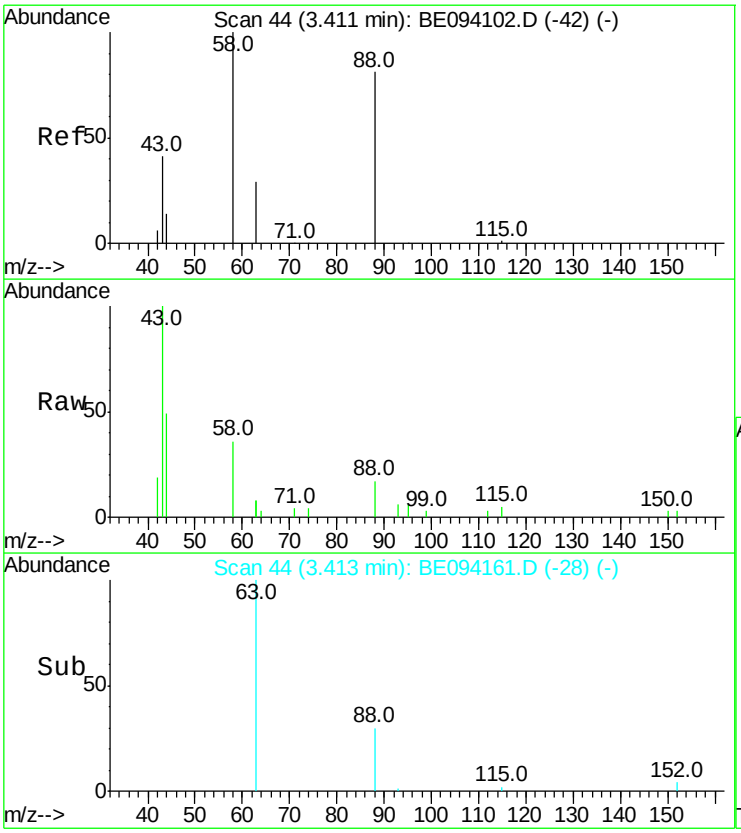


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:152 Resp: 1680

Ion	Ratio	Lower	Upper
152	100		
150	143.2	117.2	175.8
115	64.5	57.0	85.6

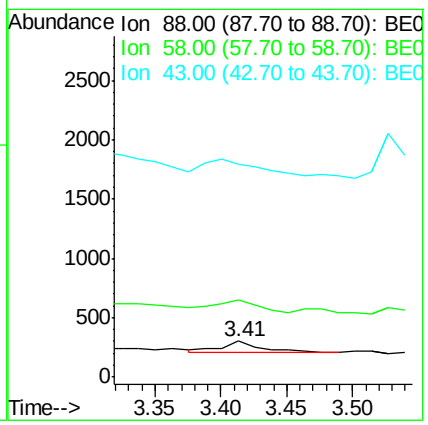


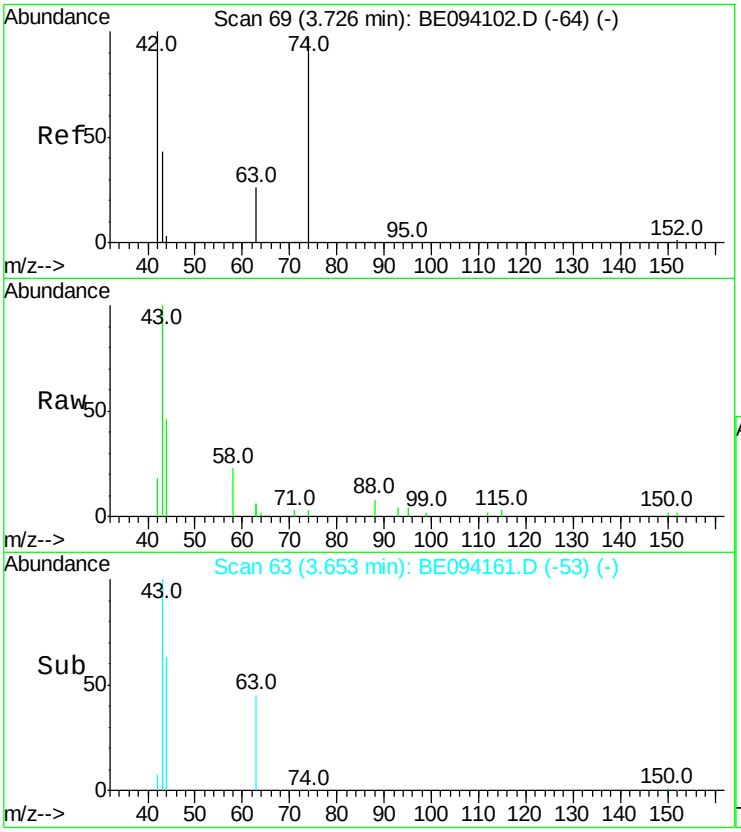


#2
1,4-Dioxane
Concen: 0.060 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion: 88 Resp: 197

Ion	Ratio	Lower	Upper
88	100		
58	121.3	63.2	94.8#
43	313.2	41.2	61.8#

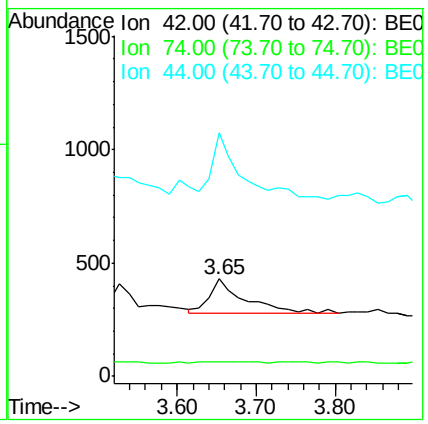


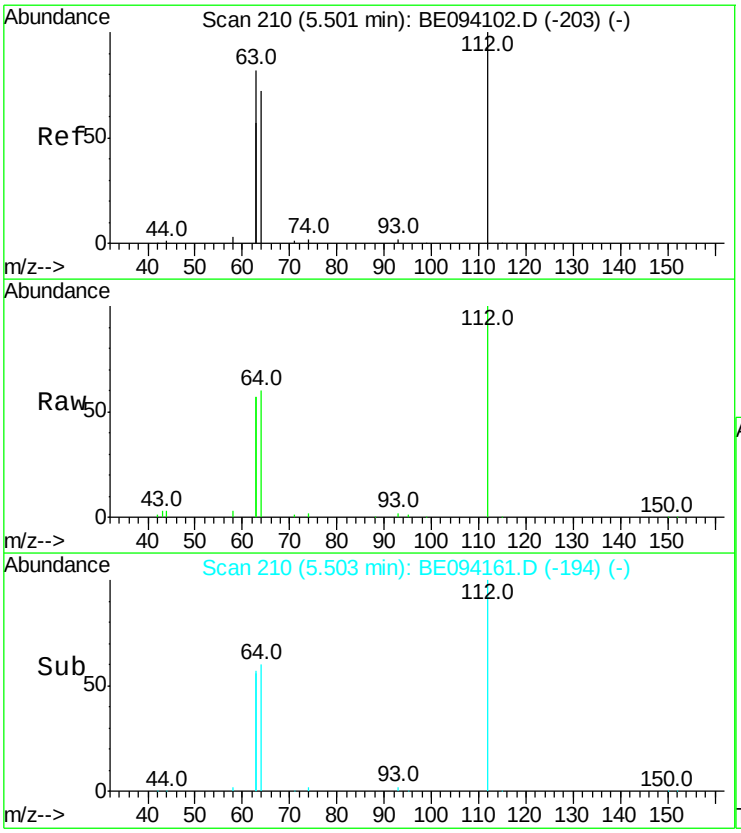


#3
n-Nitrosodimethylamine
Concen: 0.121 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.07 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion: 42 Resp: 506

Ion	Ratio	Lower	Upper
42	100		
74	0.0	100.3	150.5#
44	152.2	17.0	25.4#

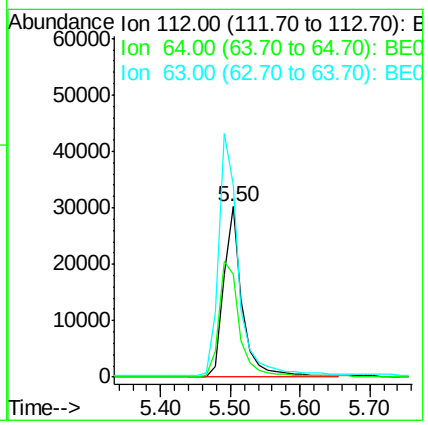


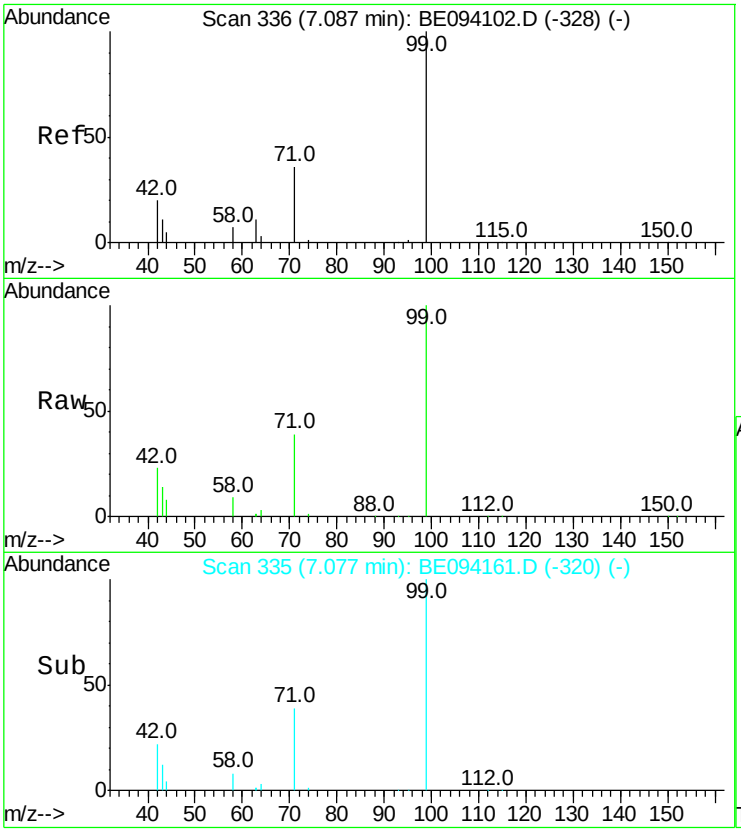


#4
2-Fluorophenol
Concen: 8.942 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:112 Resp: 56947

Ion	Ratio	Lower	Upper
112	100		
64	74.8	60.1	90.1
63	149.9	116.8	175.2

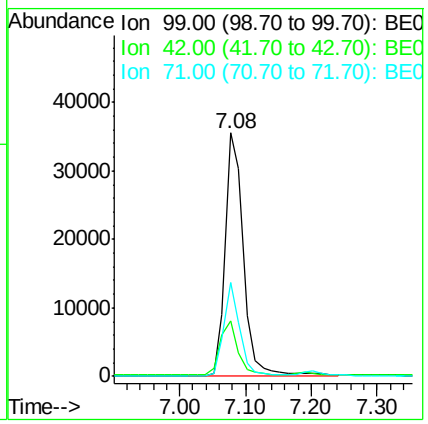


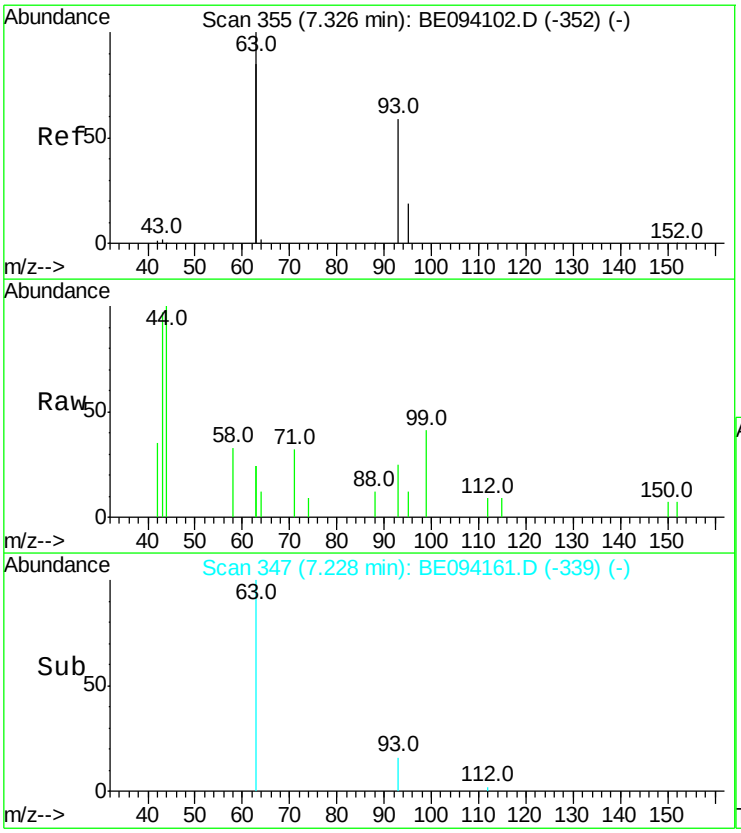


#5
Phenol-d6
Concen: 7.798 ng
RT: 7.08 min Scan# 335
Delta R.T. -0.01 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion: 99 Resp: 68984

Ion	Ratio	Lower	Upper
99	100		
42	21.7	20.2	30.2
71	33.9	28.4	42.6

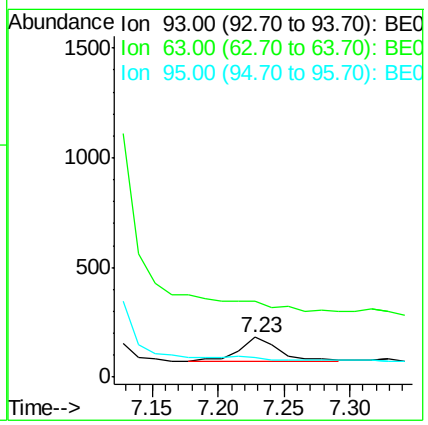


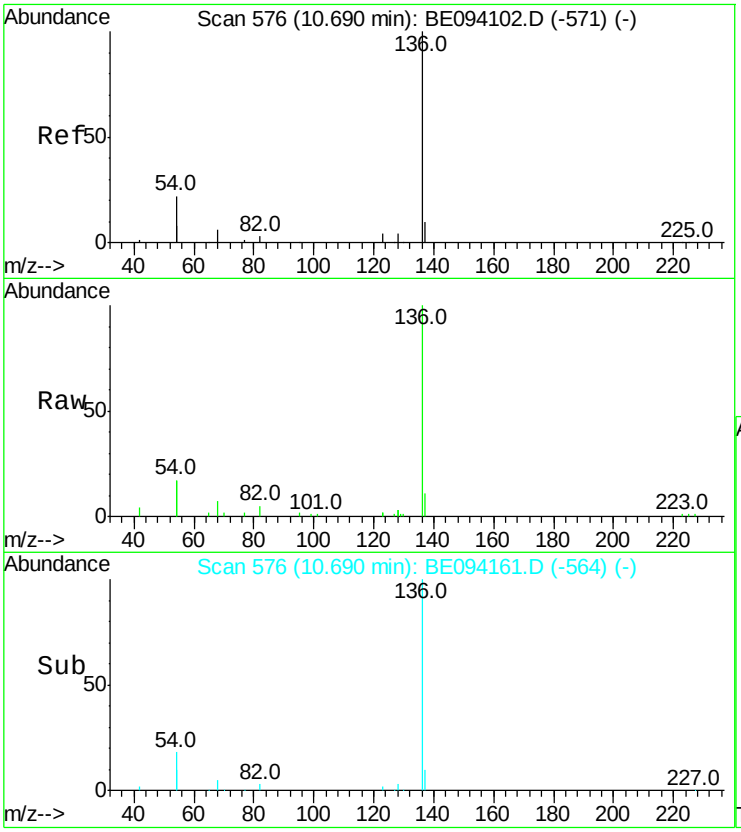


#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.23 min Scan# 347
Delta R.T. -0.10 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion: 93 Resp: 209

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	15.3	25.2	37.8#

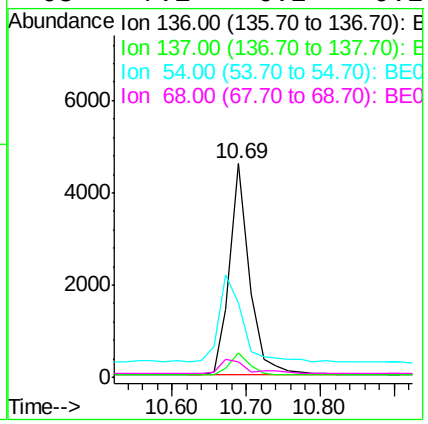


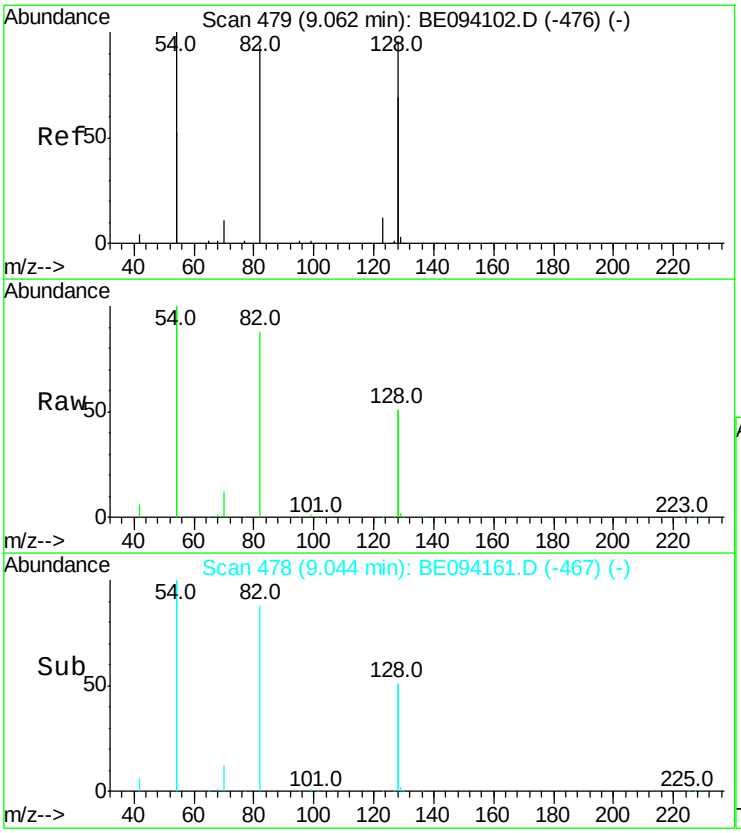


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:136 Resp: 8575

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	35.0	29.1	43.7
68	7.1	6.2	9.2

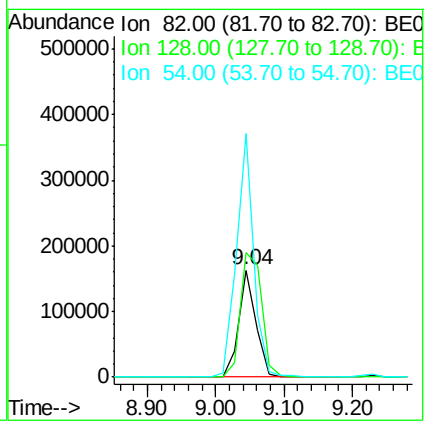


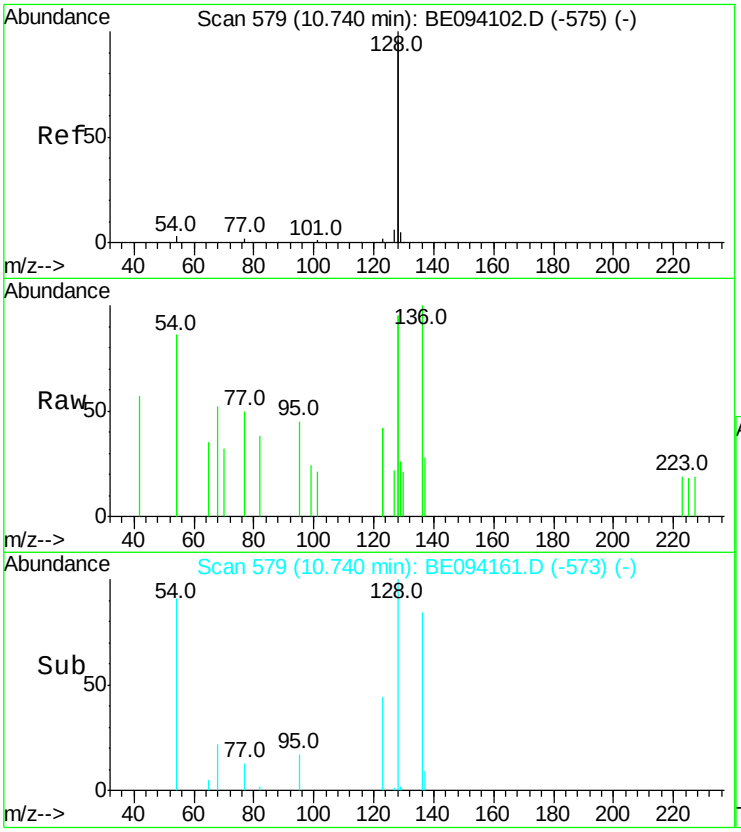


#8
Nitrobenzene-d5
Concen: 34.262 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion: 82 Resp: 284313

Ion	Ratio	Lower	Upper
82	100		
128	116.3	150.0	225.0#
54	227.2	154.2	231.4

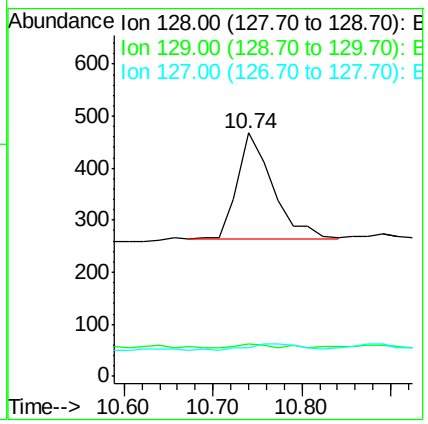


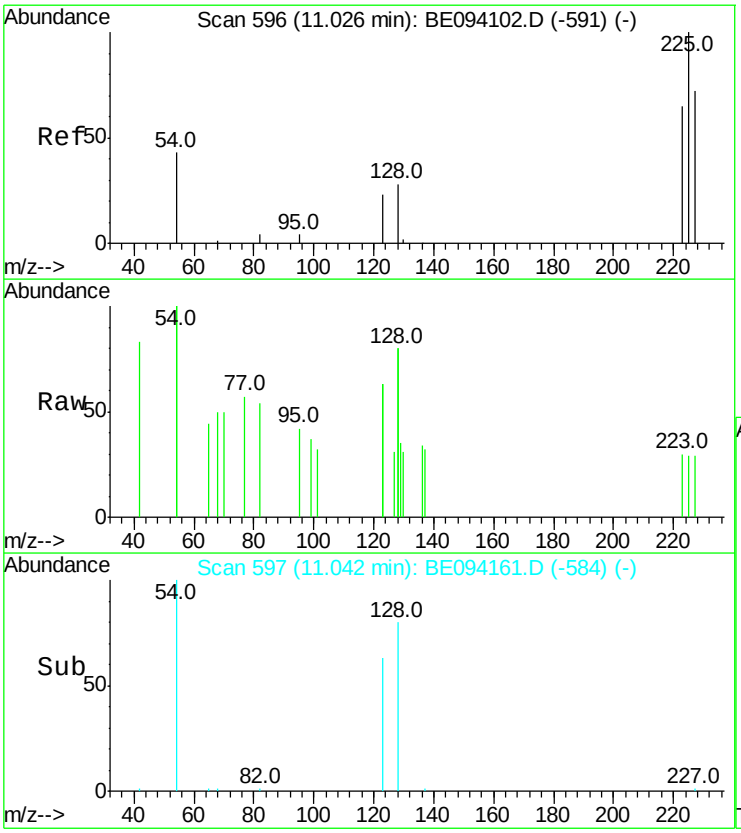


#9
Naphthalene
Concen: 0.006 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:128 Resp: 564

Ion	Ratio	Lower	Upper
128	100		
129	13.5	2.6	3.8#
127	11.5	2.8	4.2#

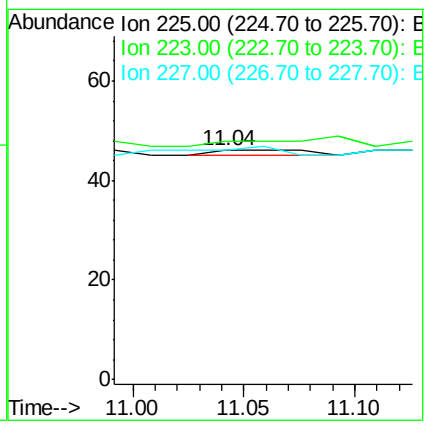


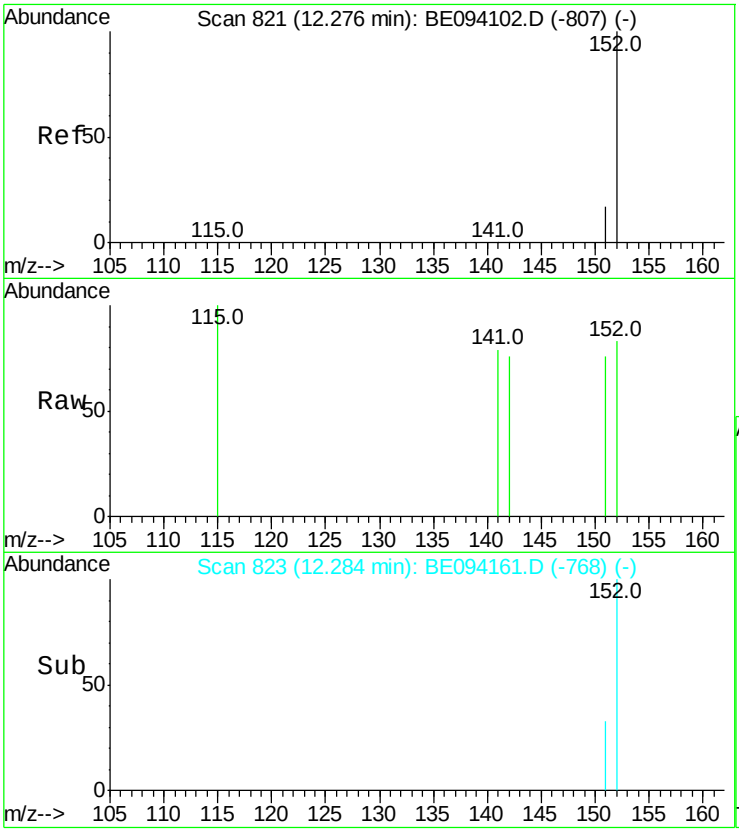


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.02 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	66.7	53.0	79.6
227	700.0	51.4	77.2#

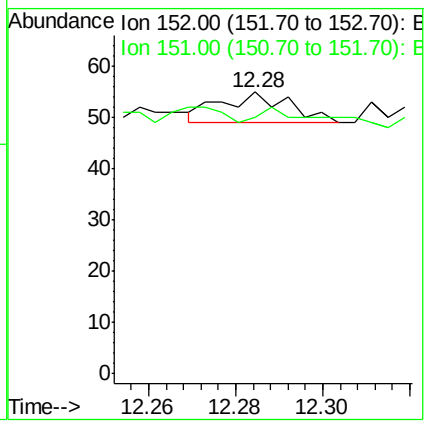


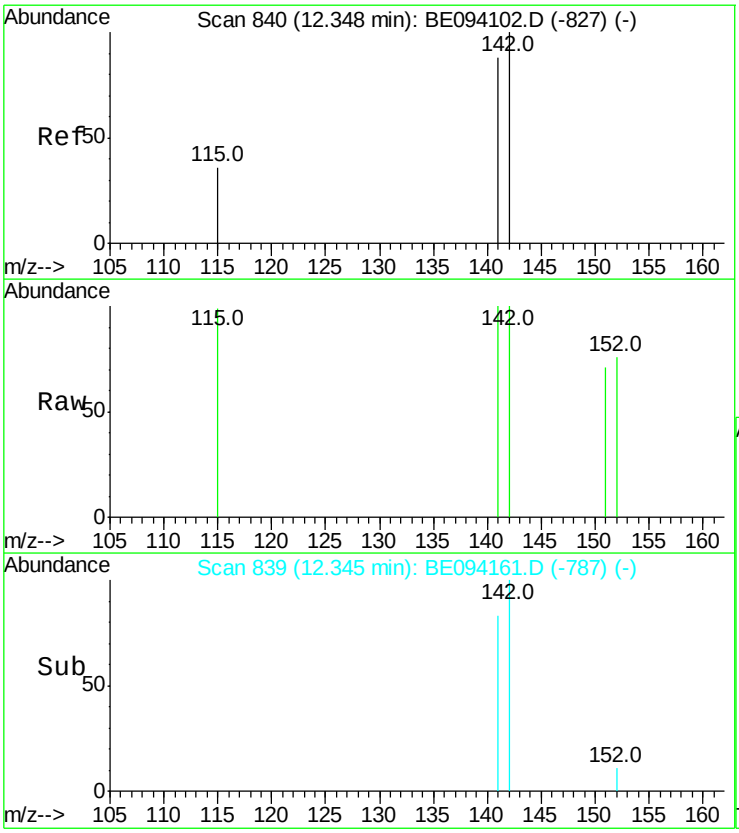


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.28 min Scan# 823
Delta R.T. 0.01 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:152 Resp: 6

Ion	Ratio	Lower	Upper
152	100		
151	66.7	15.4	23.0#

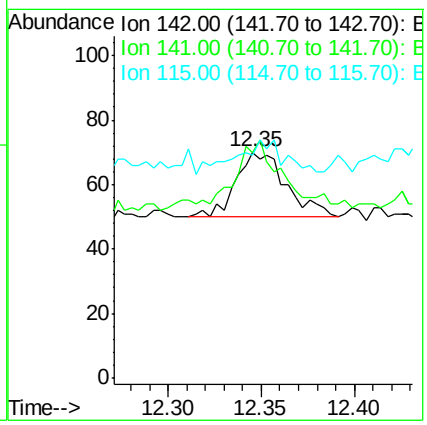


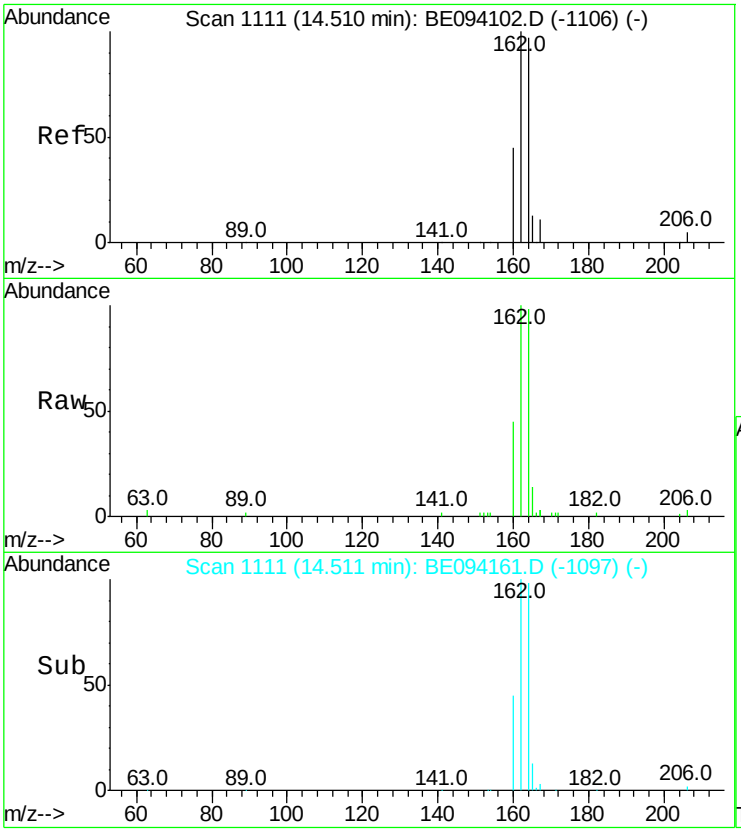


#12
2-Methylnaphthalene
Concen: 0.002 ng
RT: 12.35 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:142 Resp: 37

Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.4	105.6
115	98.6	31.7	47.5#

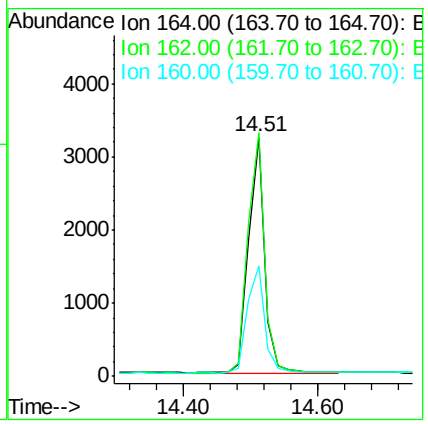


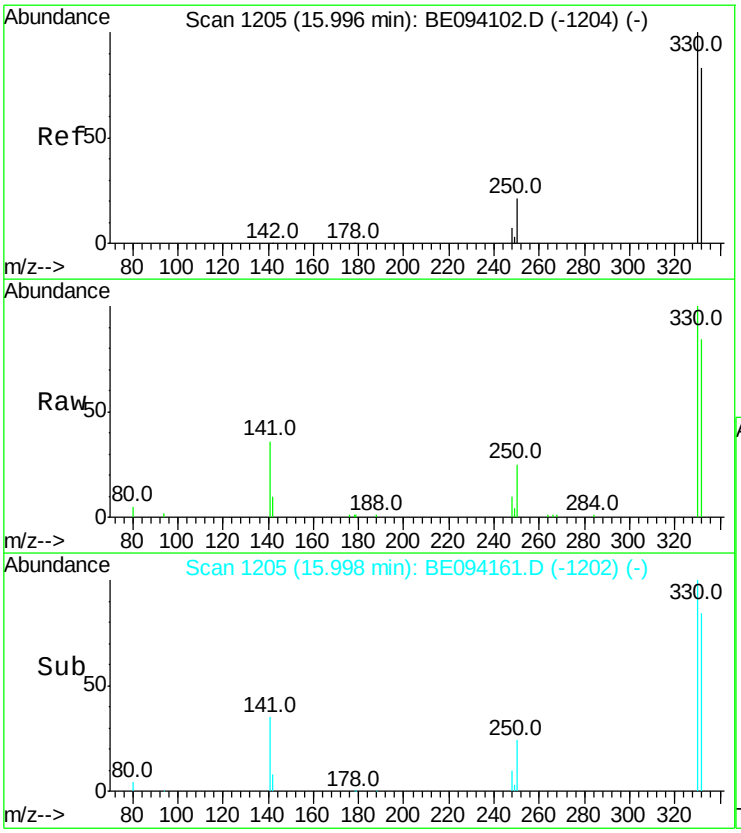


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:164 Resp: 5374

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.1	124.7
160	46.3	37.1	55.7

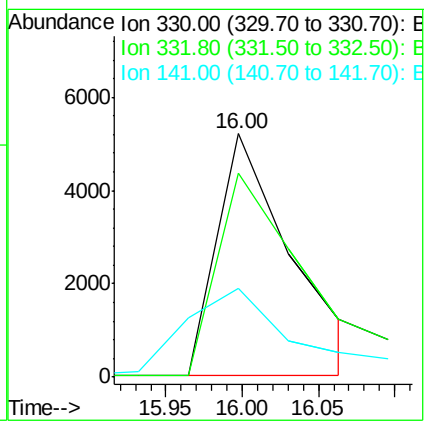


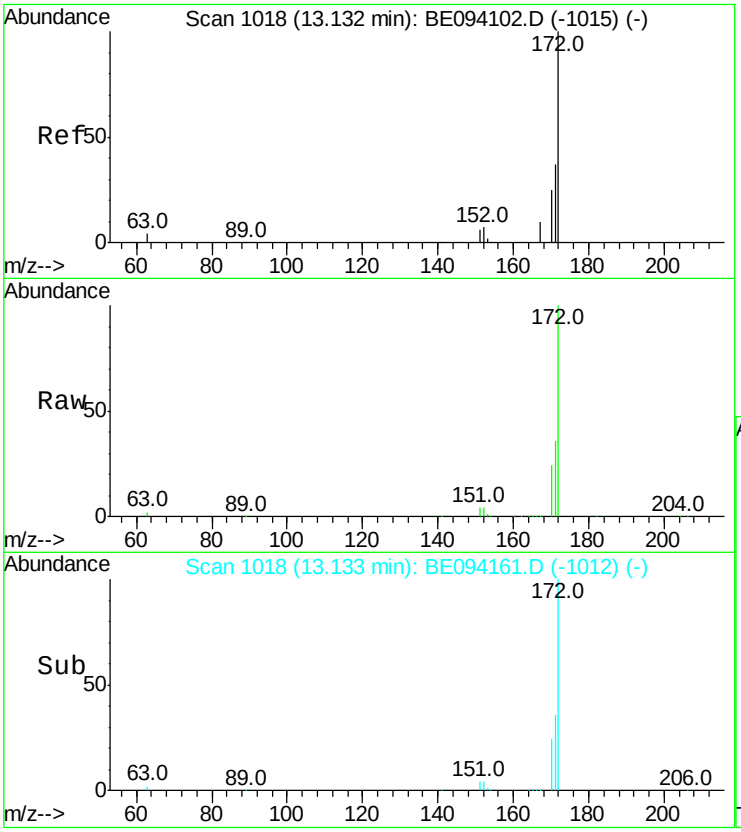


#14
2,4,6-Tribromophenol
Concen: 6.256 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:330 Resp: 17560

Ion	Ratio	Lower	Upper
330	100		
332	91.5	152.7	229.1#
141	18.1	33.7	50.5#

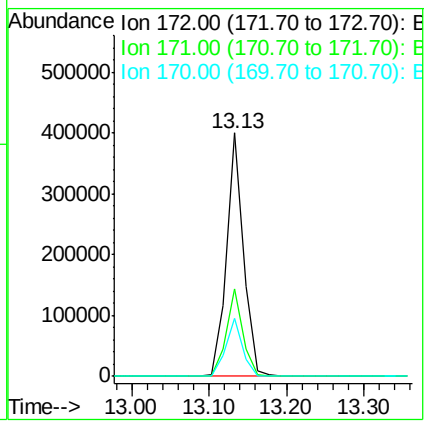


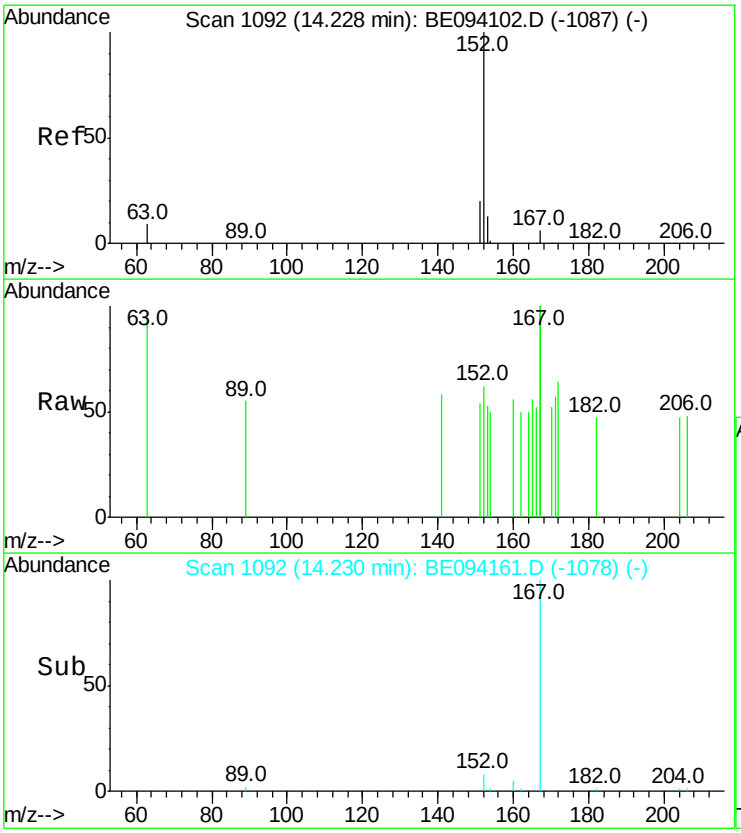


#15
2-Fluorobiphenyl
Concen: 34.165 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:172 Resp: 606648

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	23.8	21.8	32.8

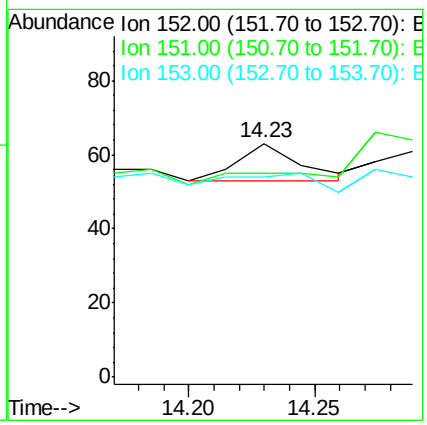


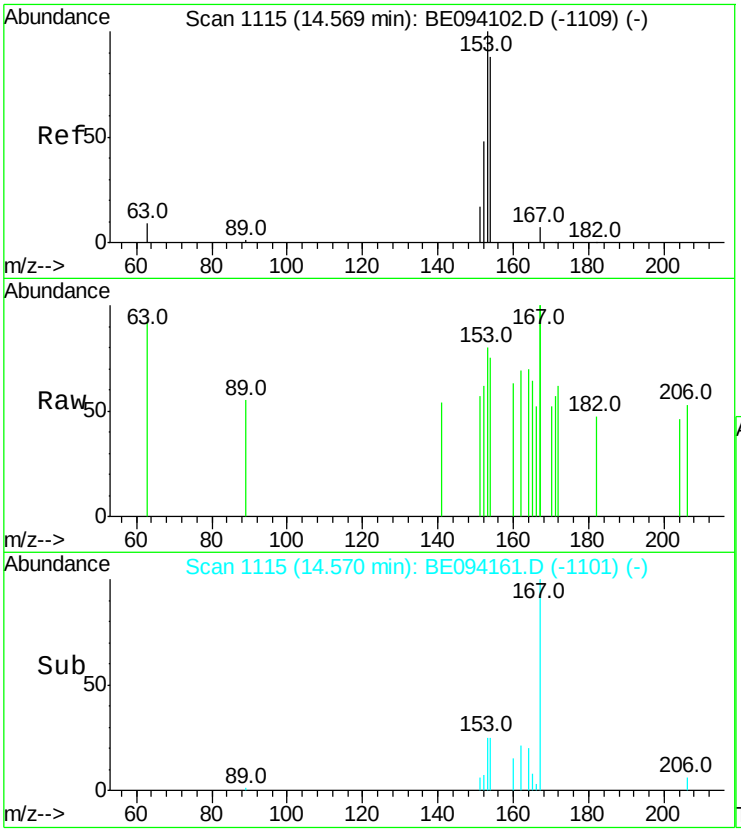


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:152 Resp: 17

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	70.6	10.5	15.7#

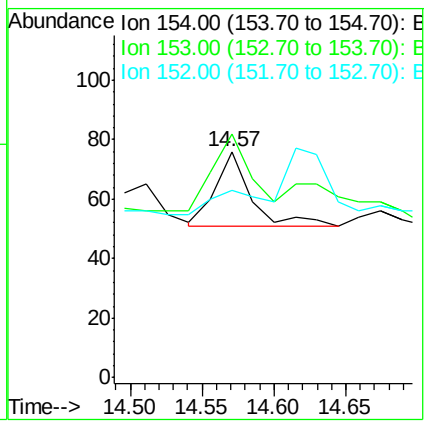


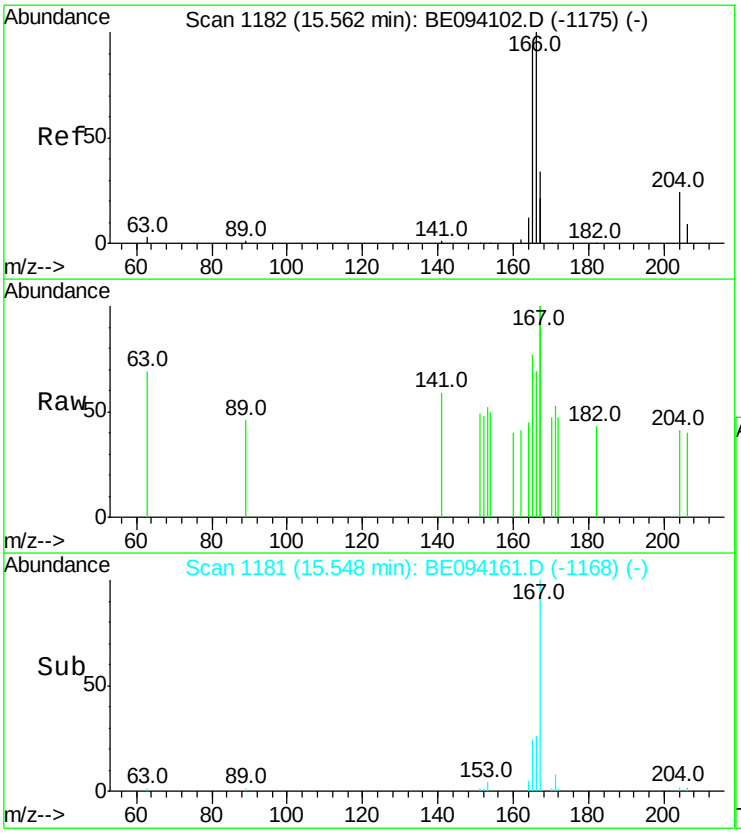


#17
Acenaphthene
Concen: 0.003 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:154 Resp: 43

Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.2	133.8
152	0.0	42.0	63.0#

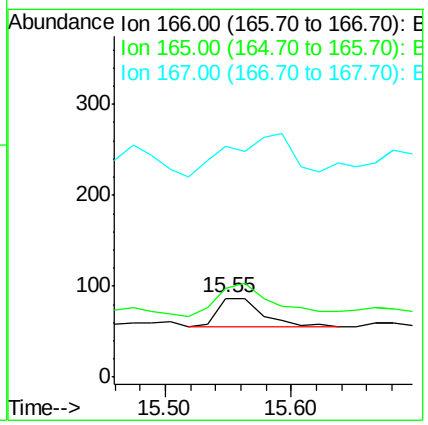


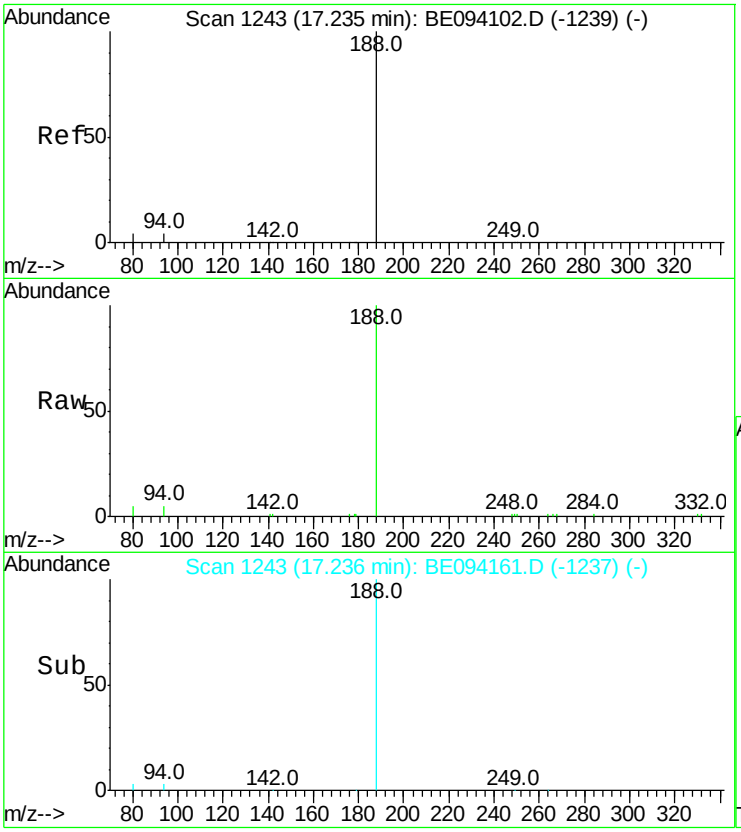


#18
Fluorene
Concen: 0.004 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:166 Resp: 82

Ion	Ratio	Lower	Upper
166	100		
165	137.8	77.8	116.6#
167	0.0	42.4	63.6#

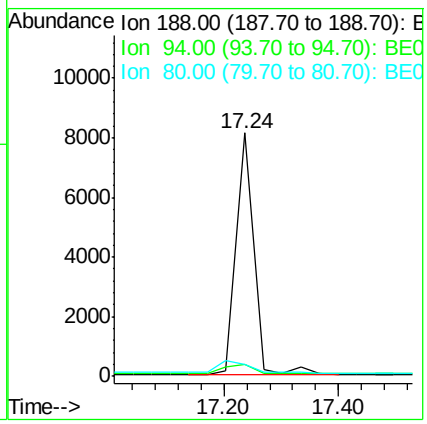


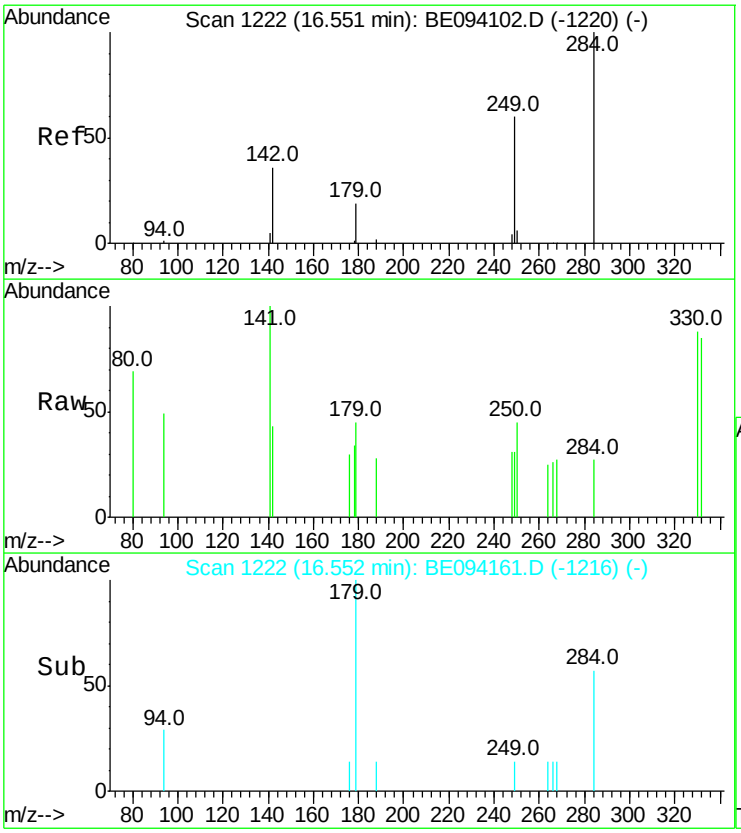


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:188 Resp: 17149

Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.9	5.9
80	4.7	3.6	5.4

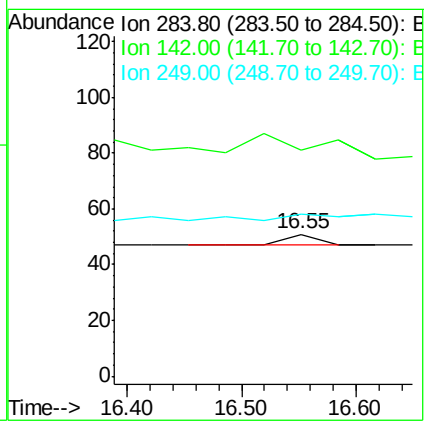


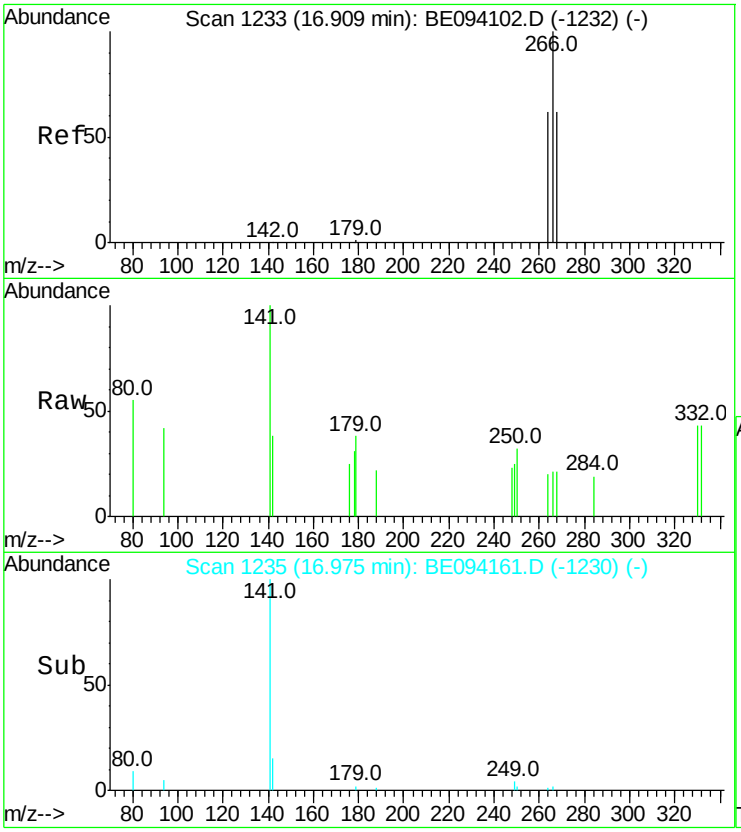


#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	100.0	34.8	52.2#

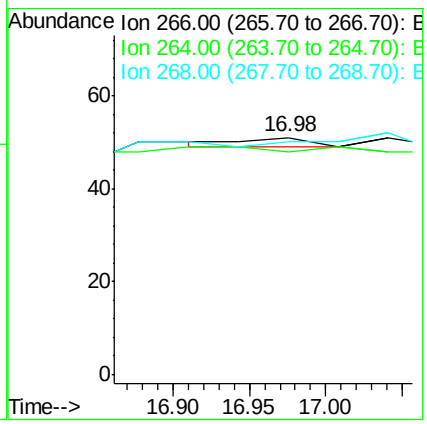


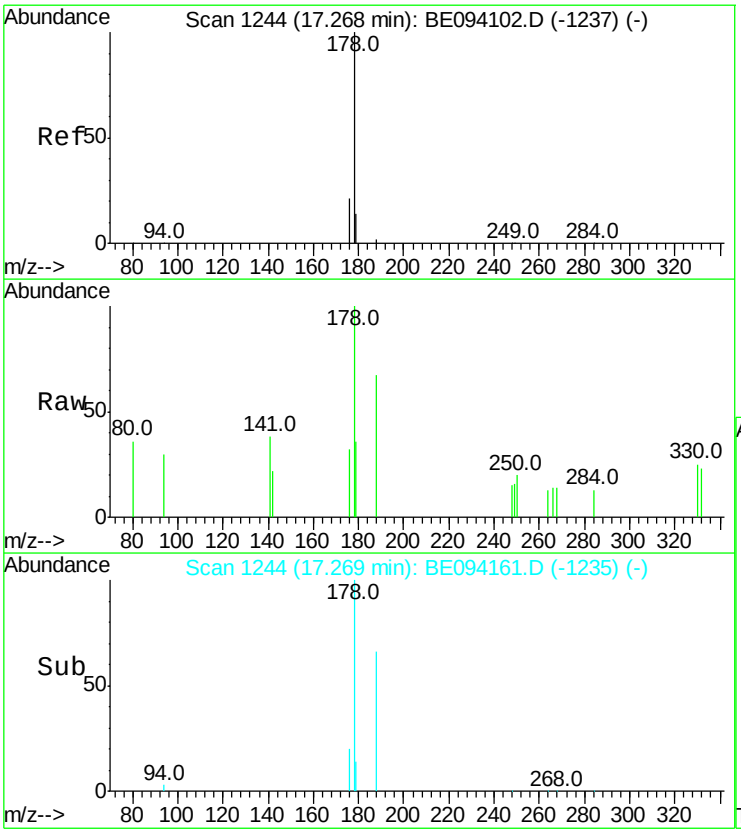


#22
Pentachlorophenol
Concen: 0.001 ng
RT: 16.98 min Scan# 1235
Delta R.T. 0.07 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	94.1	72.5	108.7
268	98.0	73.8	110.6

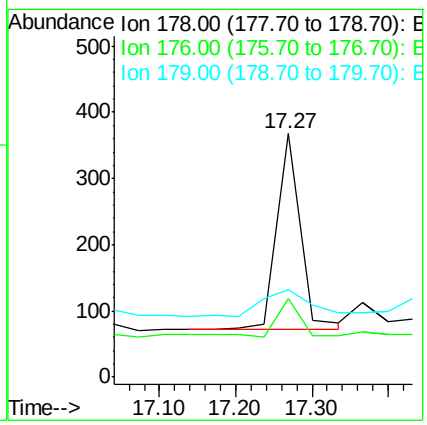


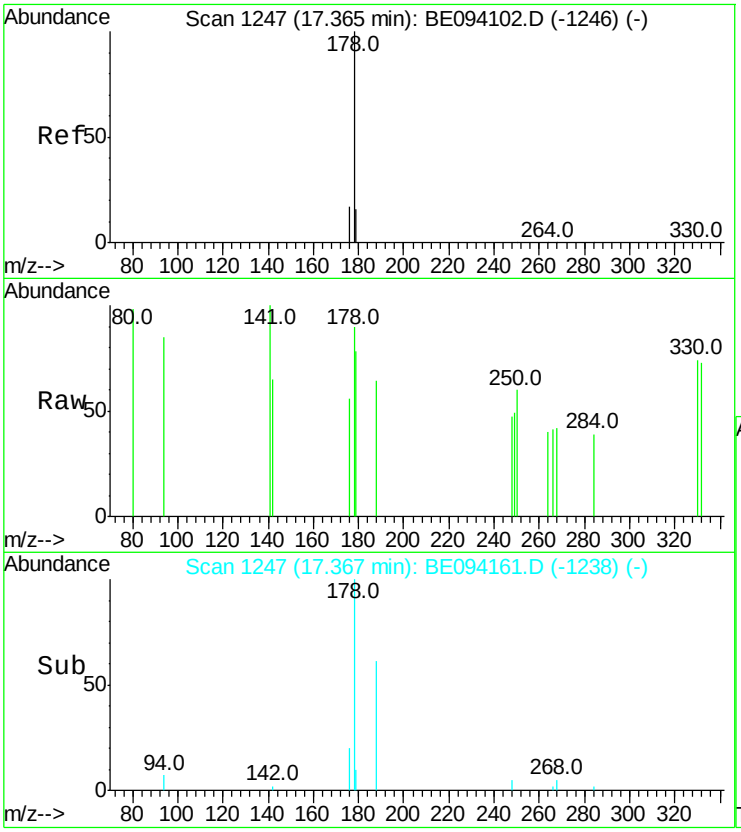


#23
Phenanthrene
Concen: 0.015 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:178 Resp: 643

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.1	22.7
179	28.9	11.8	17.6#

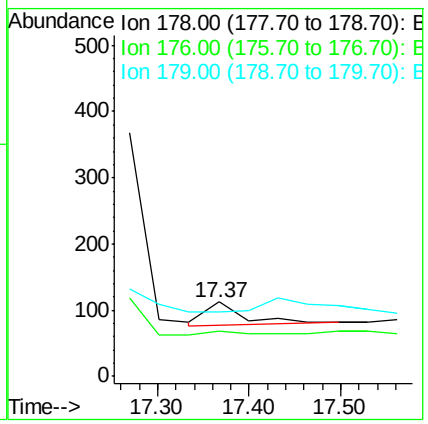


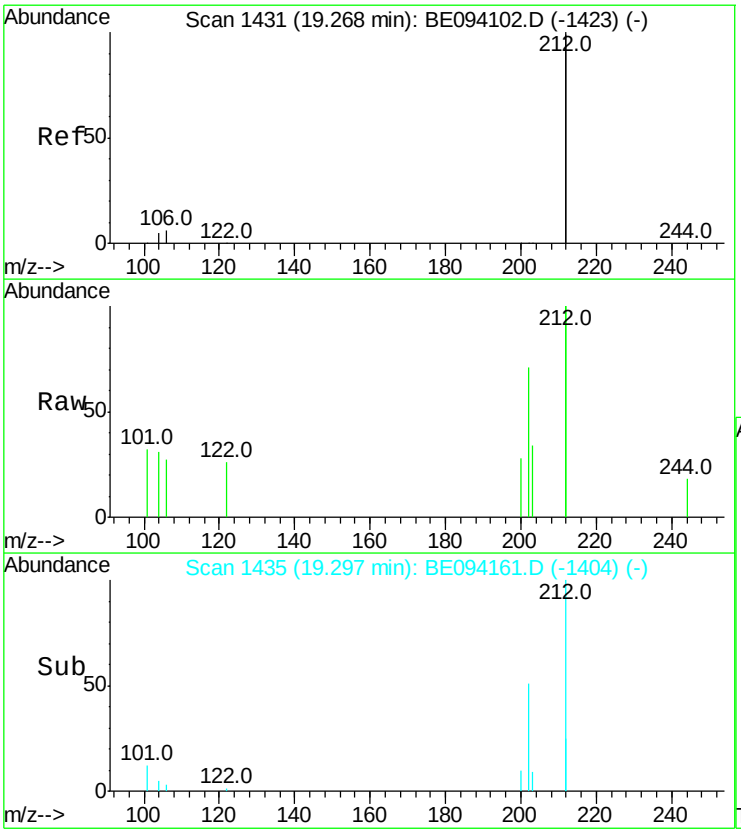


#24
Anthracene
Concen: 0.002 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:178 Resp: 98

Ion	Ratio	Lower	Upper
178	100		
176	23.5	12.8	19.2#
179	0.0	13.0	19.6#

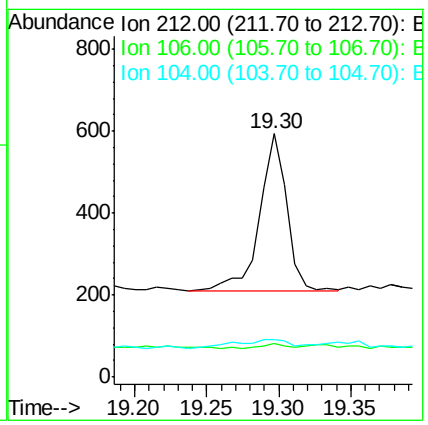


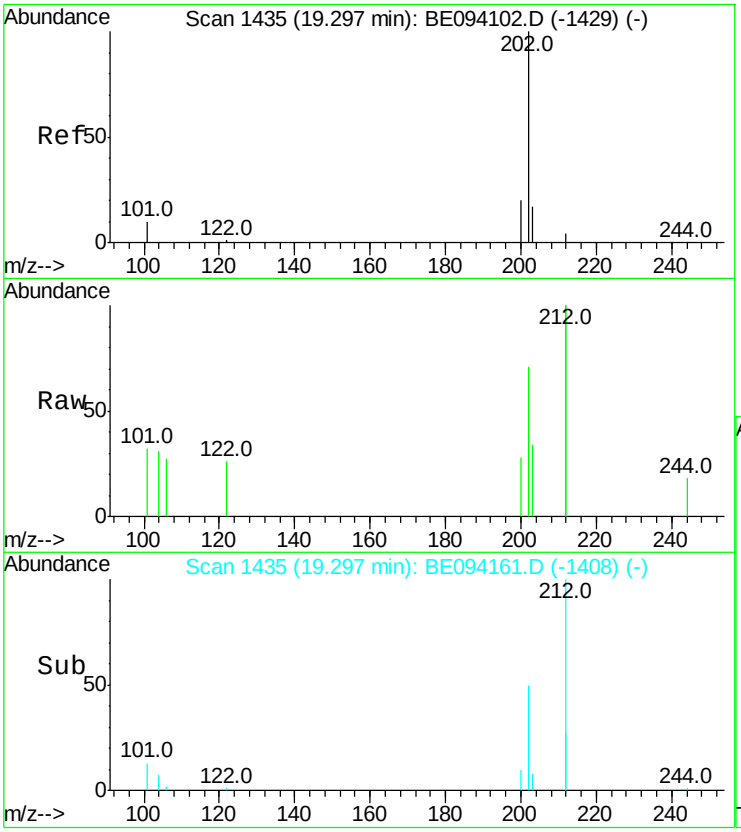


#25
Fluoranthene-d10
Concen: 0.003 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.03 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:212 Resp: 513

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	11.9	1.6	2.4#

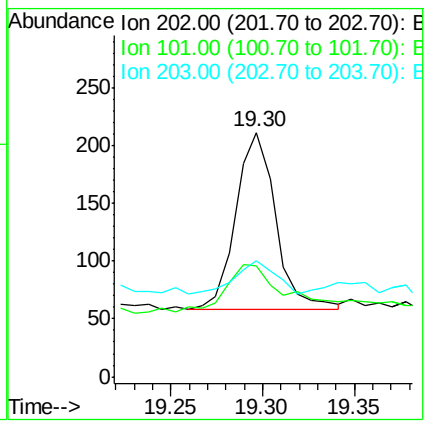


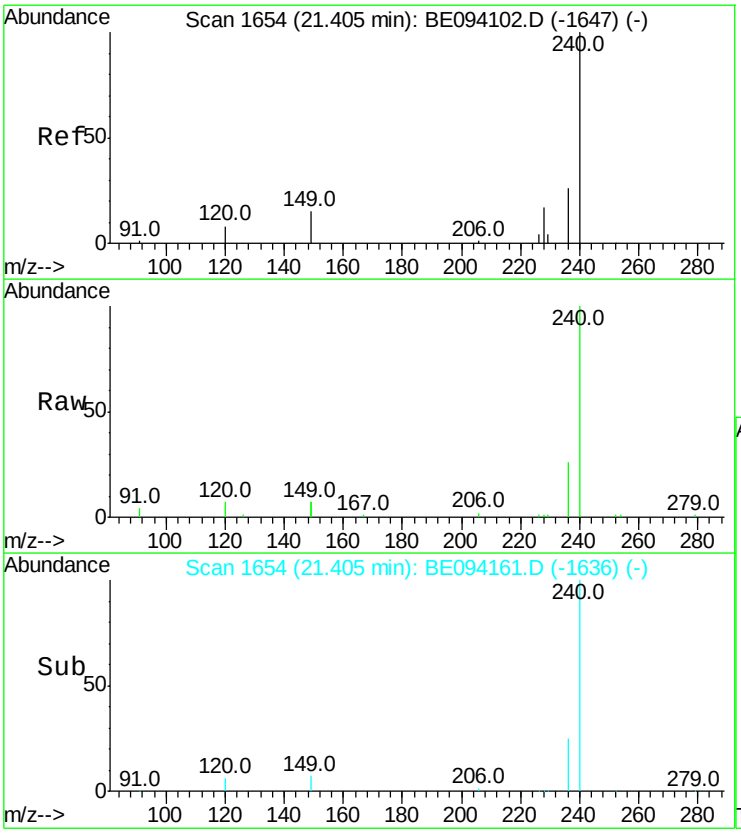


#26
Fluoranthene
Concen: 0.005 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:202 Resp: 233

Ion	Ratio	Lower	Upper
202	100		
101	55.4	9.8	14.8#
203	19.3	13.7	20.5

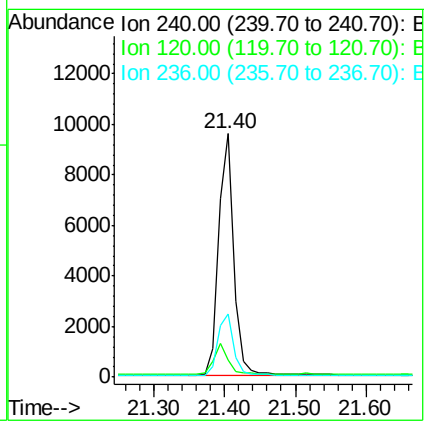


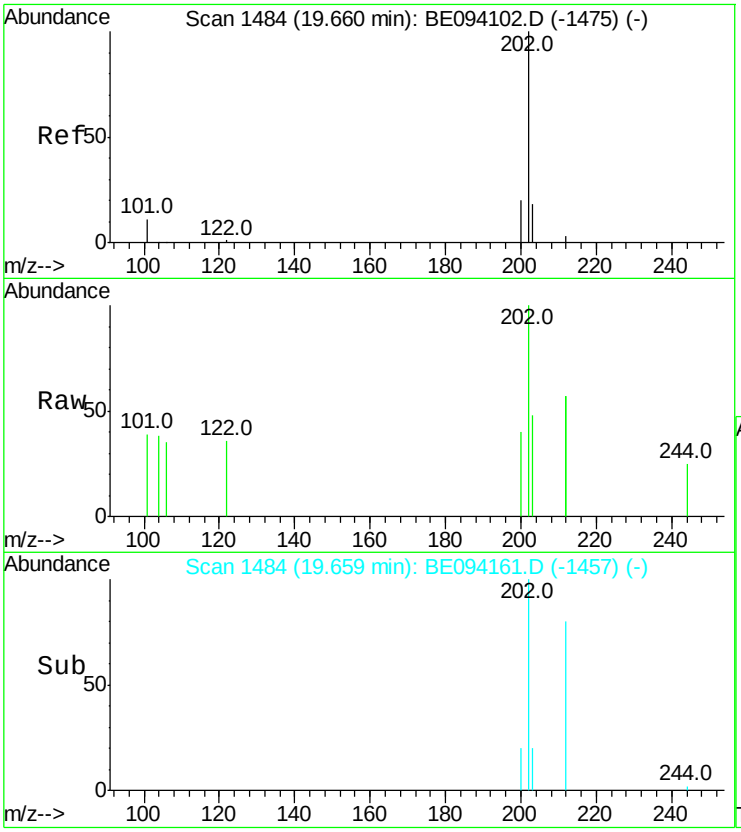


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:240 Resp: 14566

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.5	8.3
236	25.9	20.7	31.1

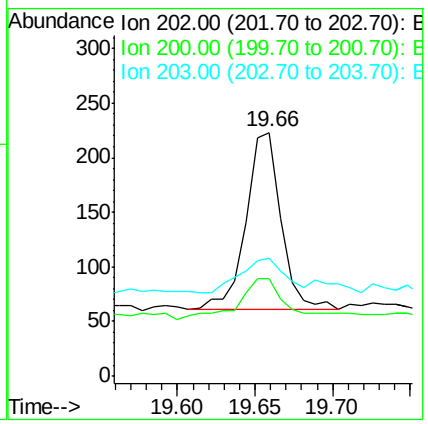


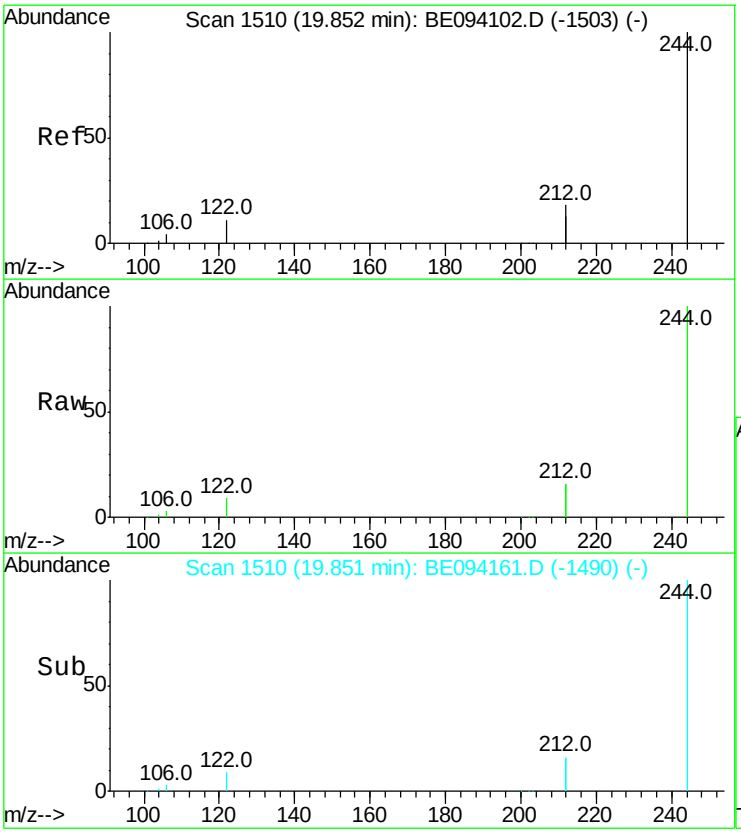


#28
Pyrene
Concen: 0.006 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:202 Resp: 254

Ion	Ratio	Lower	Upper
202	100		
200	29.1	16.6	25.0#
203	24.4	13.8	20.8#

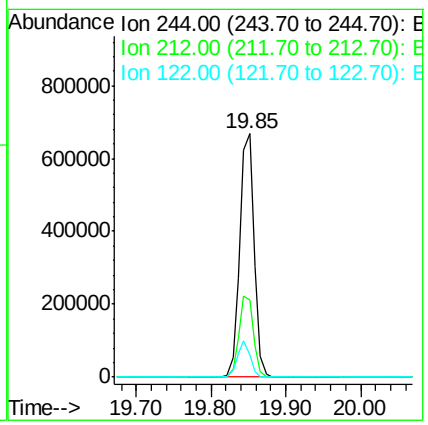


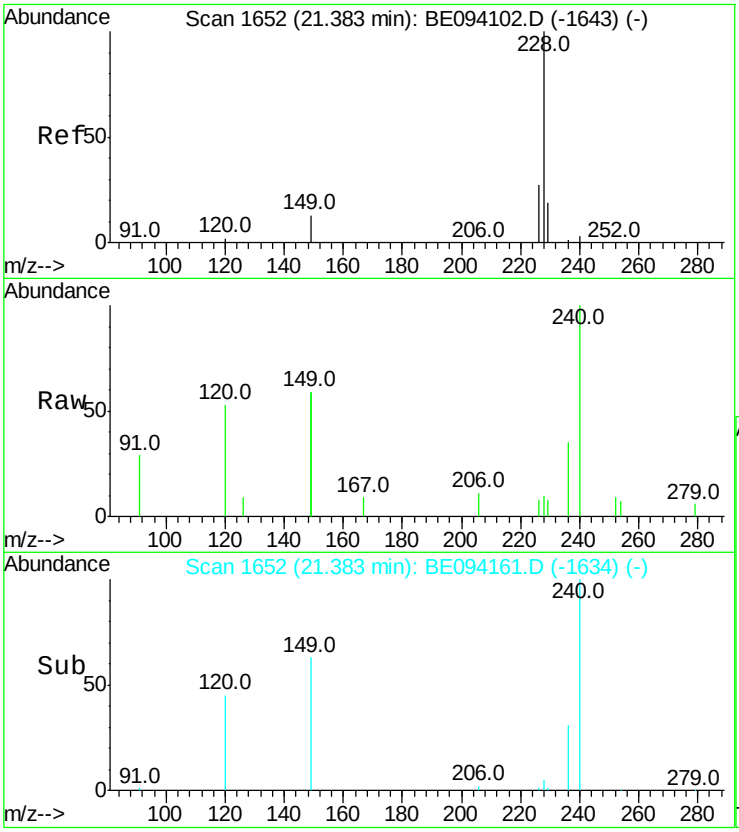


#29
Terphenyl-d14
Concen: 33.390 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:244 Resp: 887346

Ion	Ratio	Lower	Upper
244	100		
212	31.8	25.4	38.0
122	9.2	8.1	12.1

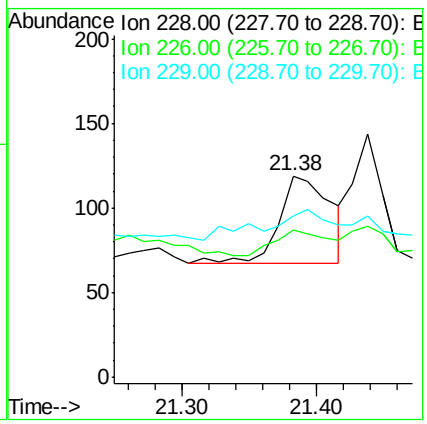


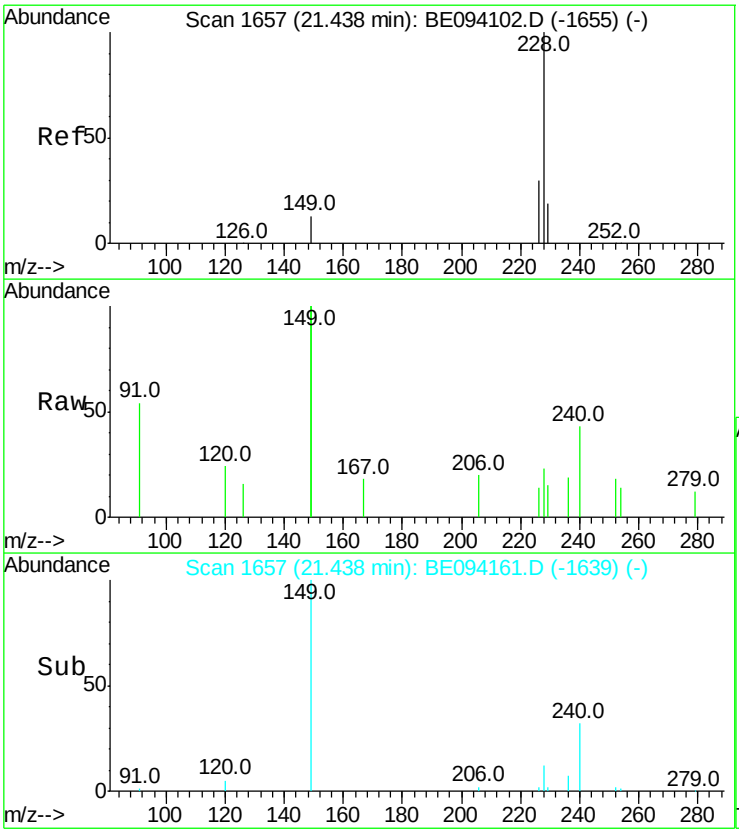


#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:228 Resp: 141

Ion	Ratio	Lower	Upper
228	100		
226	73.1	21.4	32.0#
229	79.8	16.4	24.6#

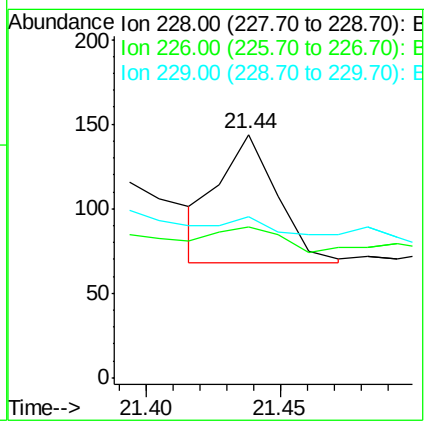


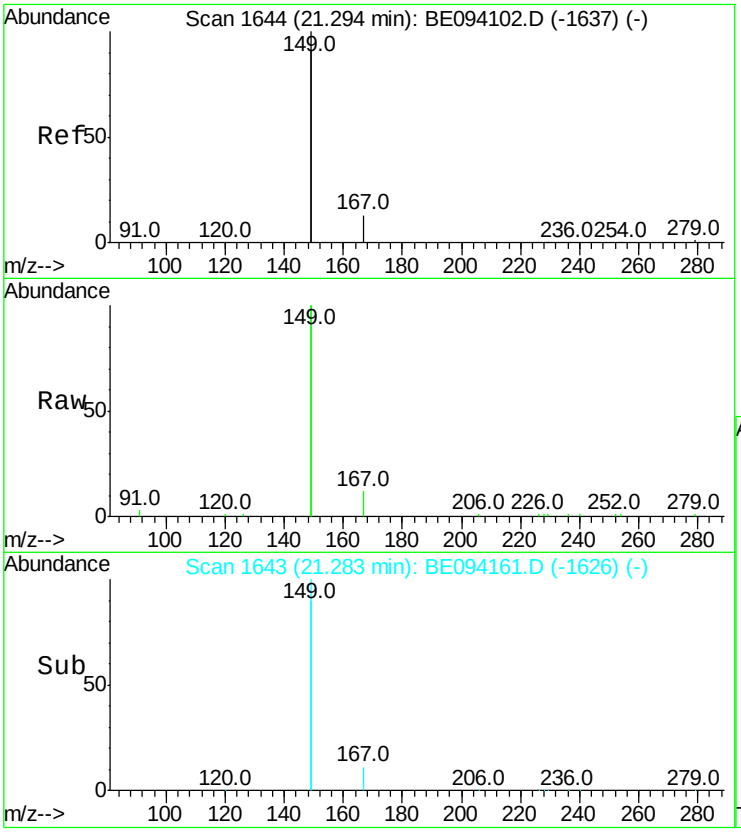


#31
Chrysene
Concen: 0.002 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:228 Resp: 113

Ion	Ratio	Lower	Upper
228	100		
226	61.8	23.6	35.4#
229	66.0	16.4	24.6#

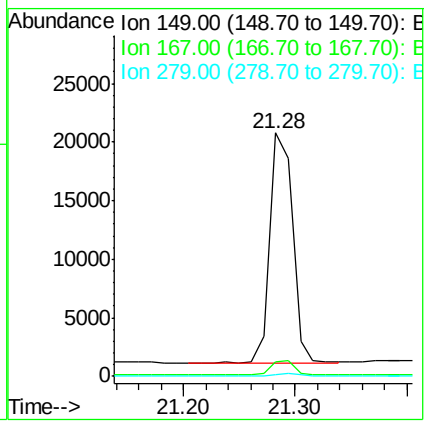


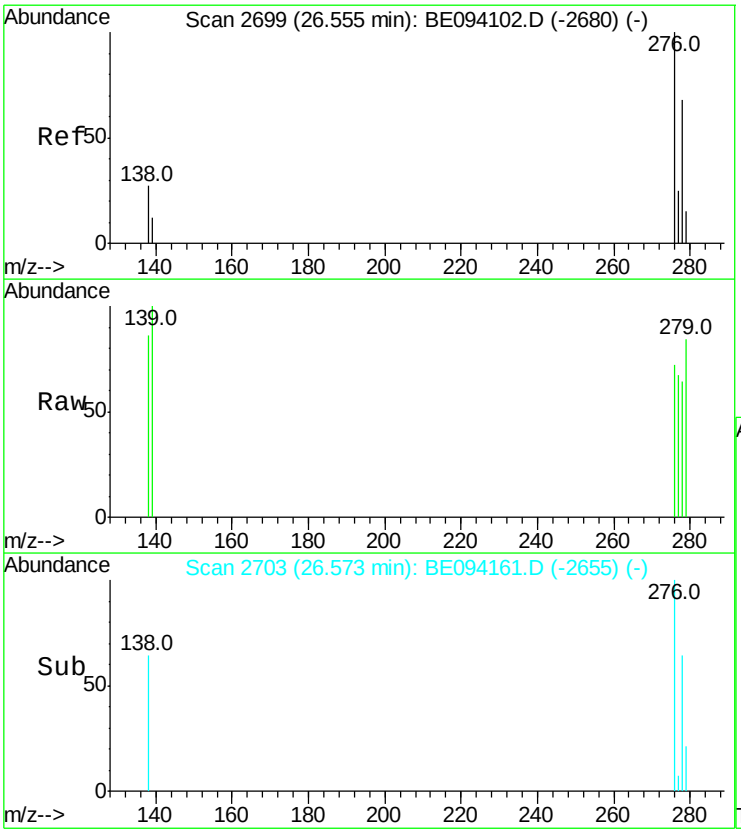


#32
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:149 Resp: 27920

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.0	0.7	1.1

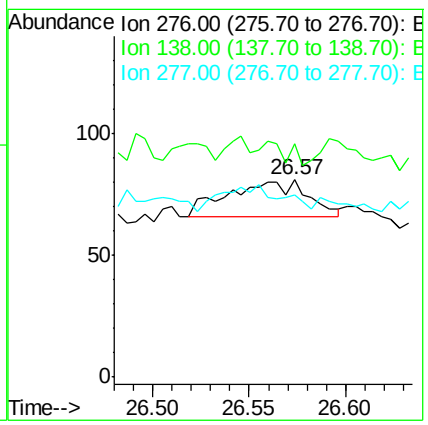


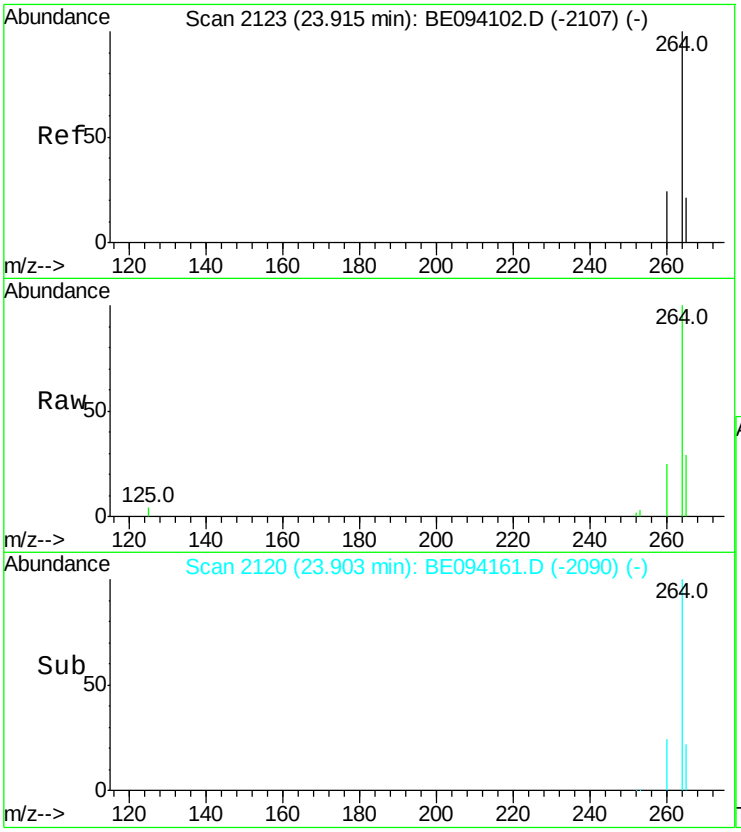


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 26.57 min Scan# 2703
Delta R.T. 0.02 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:276 Resp: 42

Ion	Ratio	Lower	Upper
276	100		
138	47.6	22.5	33.7#
277	14.3	19.9	29.9#

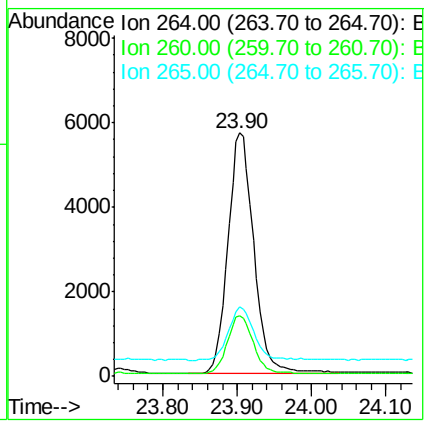


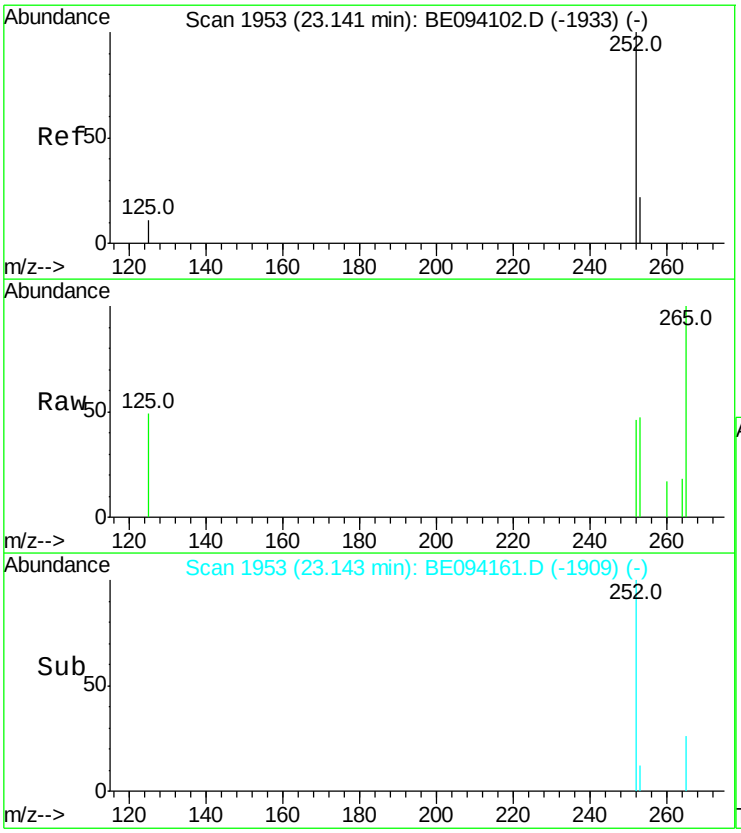


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:264 Resp: 13640

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	28.6	22.8	34.2

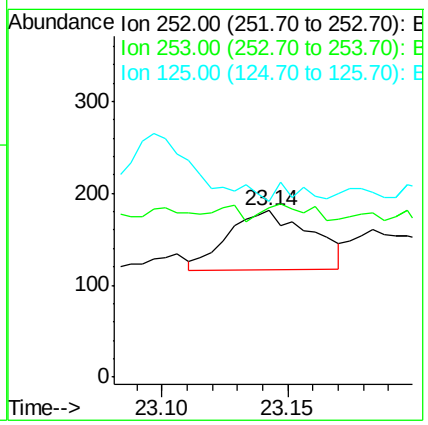


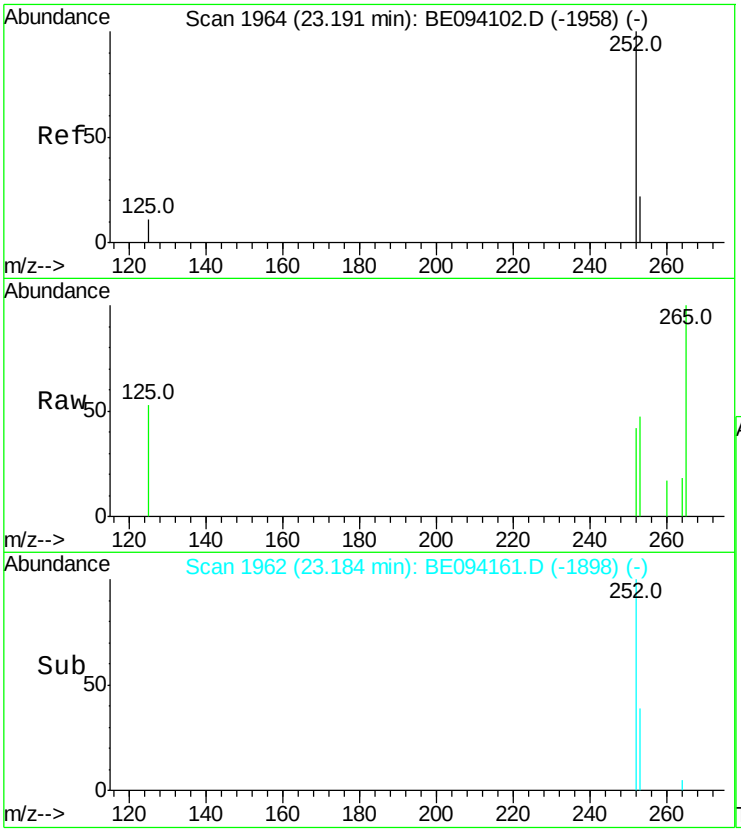


#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:252 Resp: 148

Ion	Ratio	Lower	Upper
252	100		
253	101.7	18.2	27.2#
125	105.5	10.1	15.1#

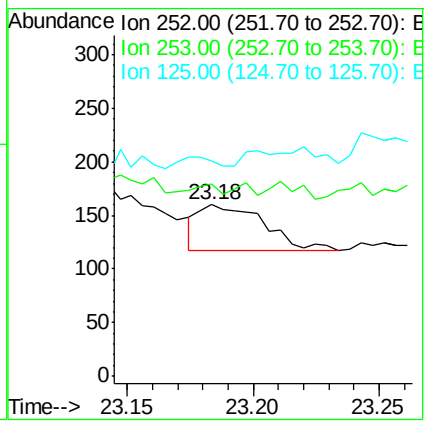


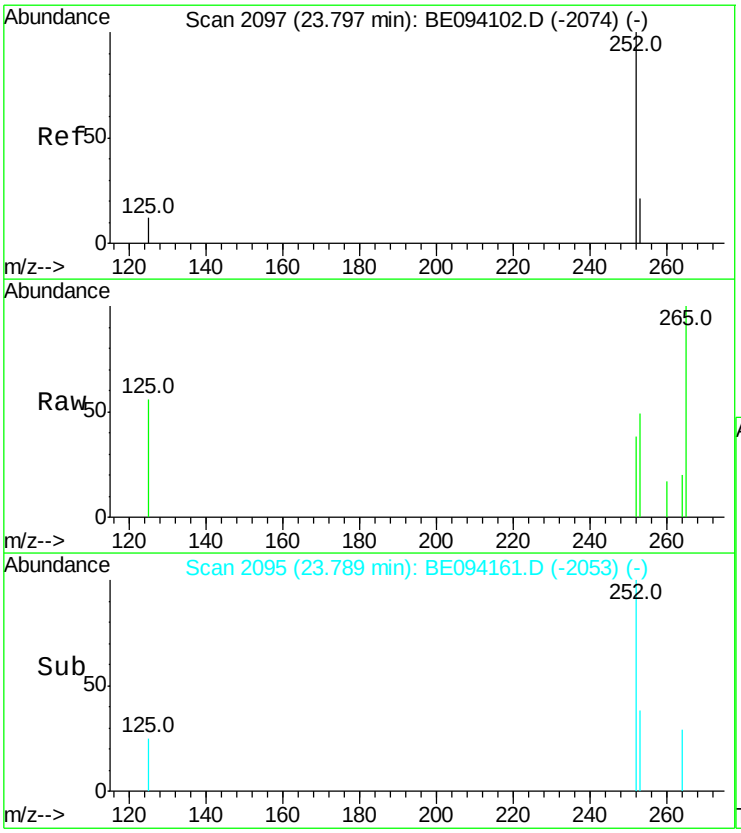


#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 23.18 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:252 Resp: 78

Ion	Ratio	Lower	Upper
252	100		
253	111.9	18.6	27.8#
125	125.6	10.7	16.1#

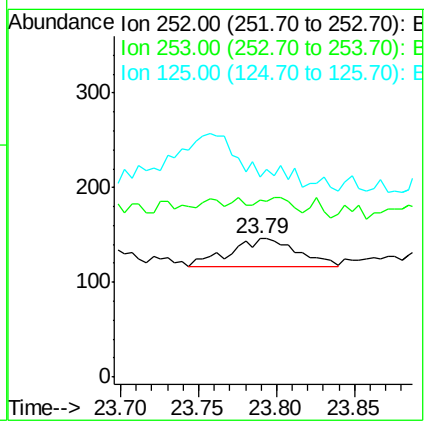


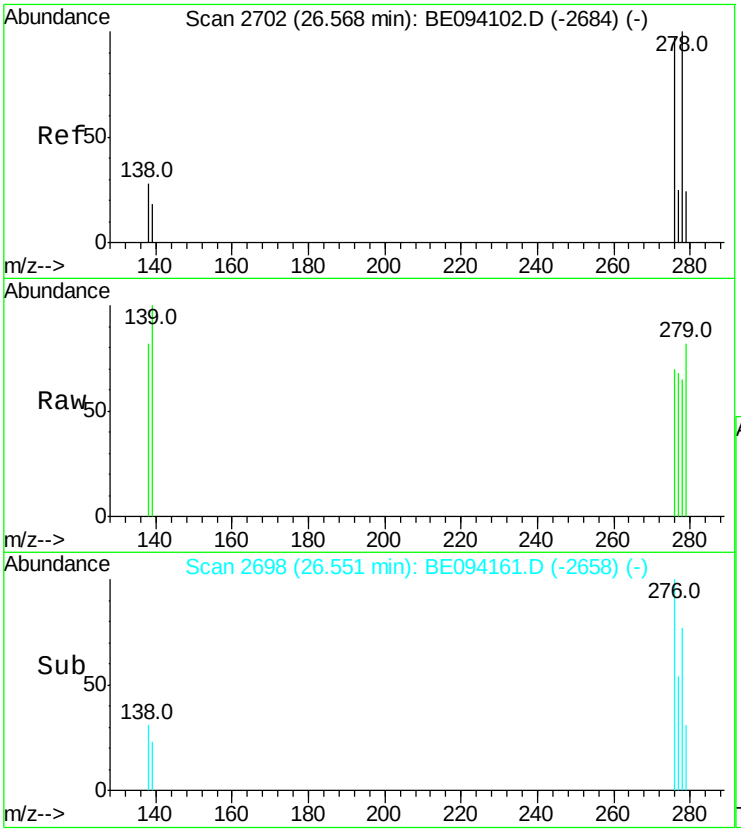


#37
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.79 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:252 Resp: 93

Ion	Ratio	Lower	Upper
252	100		
253	128.1	19.0	28.6#
125	144.5	11.8	17.8#

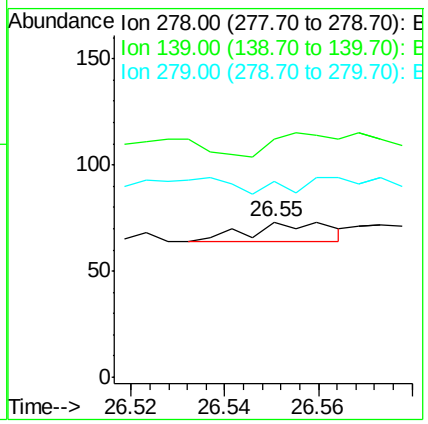


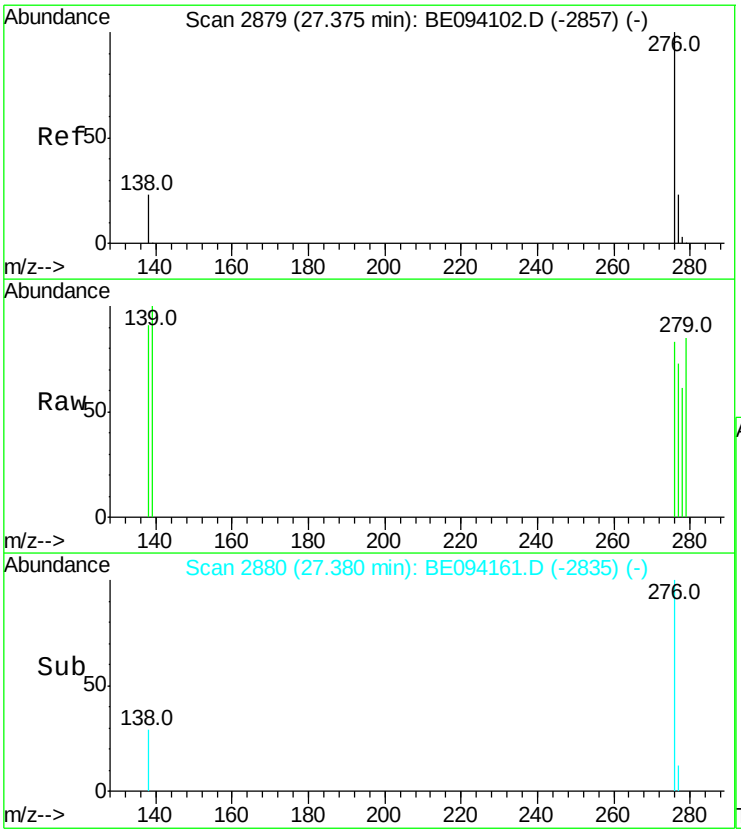


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.02 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:278 Resp: 11

Ion	Ratio	Lower	Upper
278	100		
139	153.4	16.3	24.5#
279	126.0	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 27.38 min Scan# 2880
Delta R.T. 0.01 min
Lab File: BE094161.D
Acq: 3 Oct 2017 19:14

Tgt Ion:276 Resp: 49

Ion	Ratio	Lower	Upper
276	100		
277	88.1	20.8	31.2#
138	109.5	21.5	32.3#