Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100317\
Data File : BE094165.D
Acq On : 3 Oct 2017 21:40
Operator : SJ/JU
Sample : I5496-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 06:53:54 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	1606	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8209	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5468	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	17699	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14680	0.40	ng	0.00
34) Perylene-d12	23.91	264	13717	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	123162	20.23	ng	0.00
5) Phenol-d6	7.07	99	129453	15.31	ng	-0.01
8) Nitrobenzene-d5	9.04	82	466888	58.77	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	2	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	159424	56.15	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	998049	55.24	ng	0.00
25) Fluoranthene-d10	19.30	212	340	0.00	ng	0.03
29) Terphenyl-d14	19.85	244	1573678	58.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	372	0.119	ng	# 50
3) n-Nitrosodimethylamine	3.66	42	236	0.059	ng	# 1
6) bis(2-Chloroethyl)ether	7.33	93	14	0.002	ng	# 1
9) Naphthalene	10.74	128	346	0.004	ng	# 66
10) Hexachlorobutadiene	11.01	225	5	0.001	ng	# 1
12) 2-Methylnaphthalene	12.35	142	31	0.002	ng	# 55
16) Acenaphthylene	14.23	152	25	0.001	ng	# 61
17) Acenaphthene	14.57	154	57	0.003	ng	# 84
18) Fluorene	15.56	166	79	0.003	ng	# 51
21) Hexachlorobenzene	16.55	284	12	0.003	ng	# 54
23) Phenanthrene	17.27	178	471	0.010	ng	# 76
24) Anthracene	17.37	178	68	0.001	ng	# 62
26) Fluoranthene	19.30	202	179	0.004	ng	# 67
28) Pyrene	19.65	202	176	0.004	ng	# 66
30) Benzo(a)anthracene	21.39	228	133	0.003	ng	# 1
31) Chrysene	21.44	228	61	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	24388	Below Cal		100
33) Indeno(1,2,3-cd)pyrene	26.56	276	24	0.000	ng	# 77
35) Benzo(b)fluoranthene	23.14	252	133	0.003	ng	# 1
36) Benzo(k)fluoranthene	23.14	252	133	0.003	ng	# 1
37) Benzo(a)pyrene	23.79	252	45	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.57	278	17	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.37	276	12	0.000	ng	# 1

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

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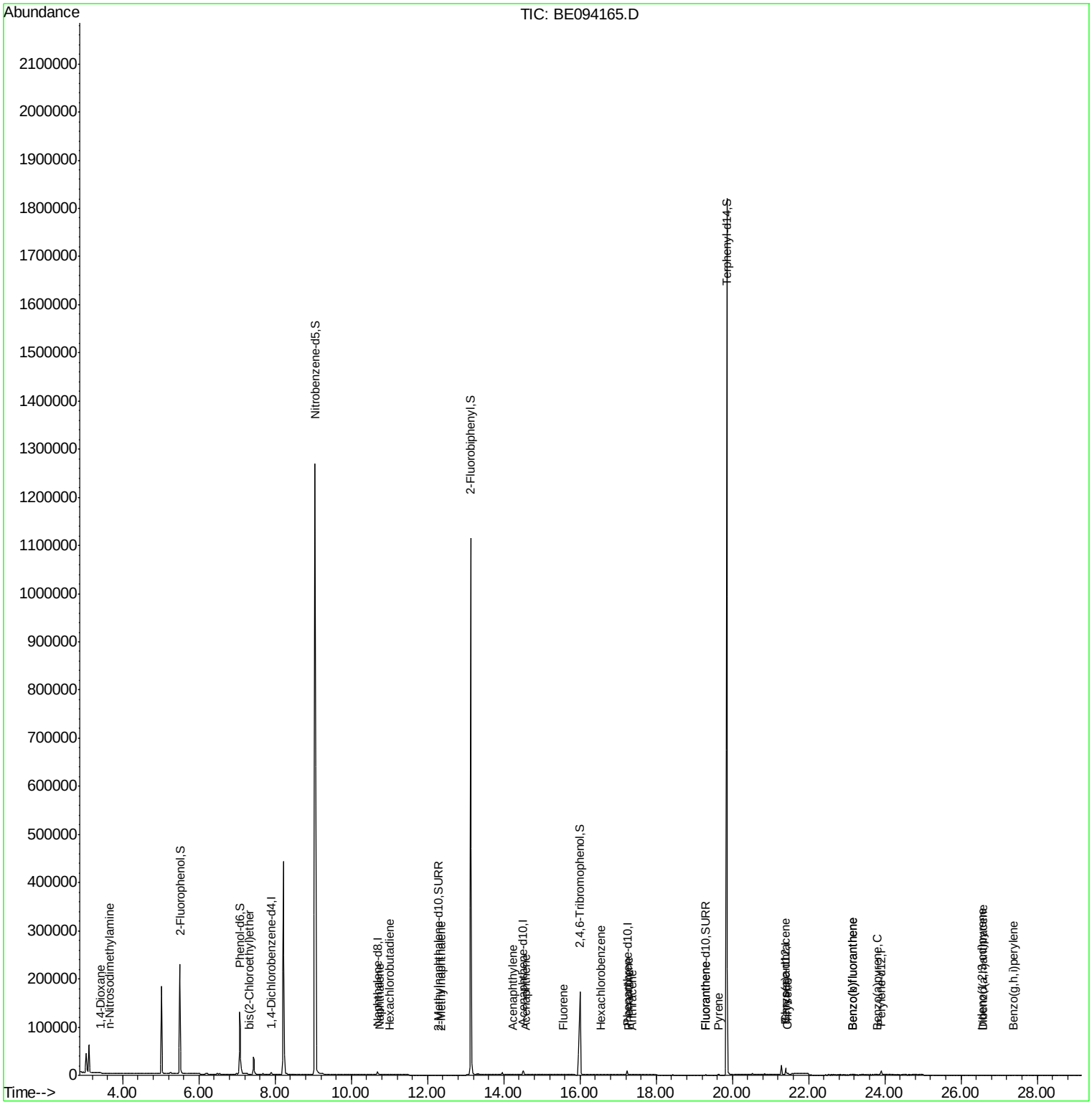
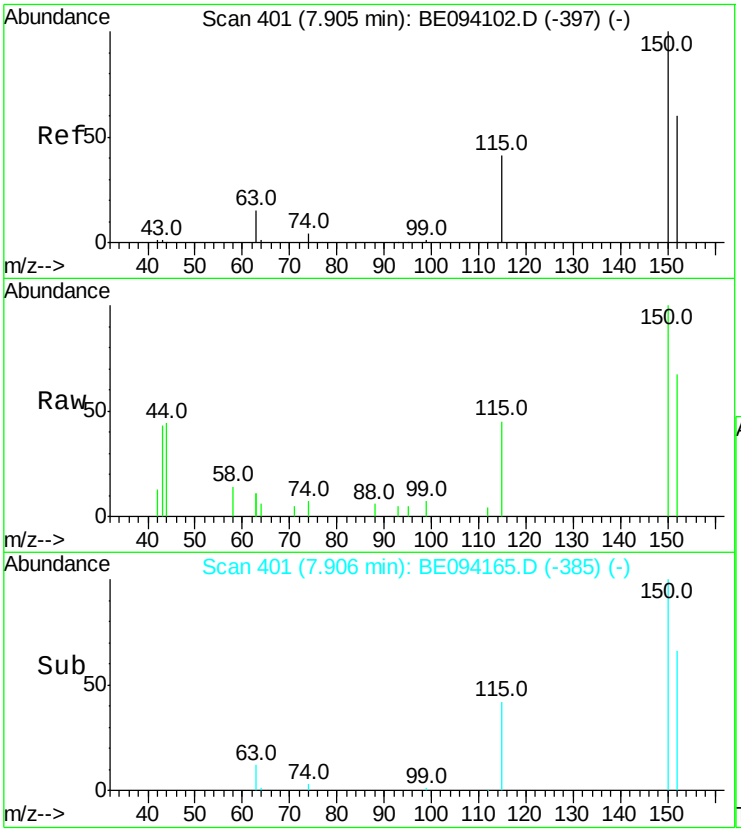
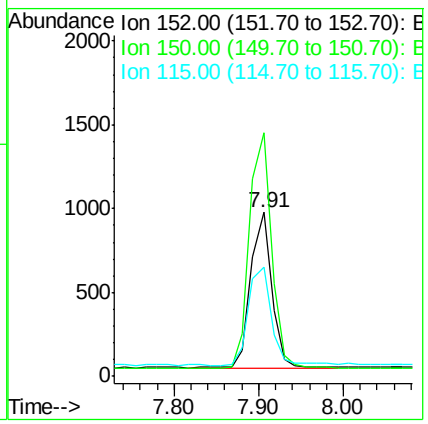


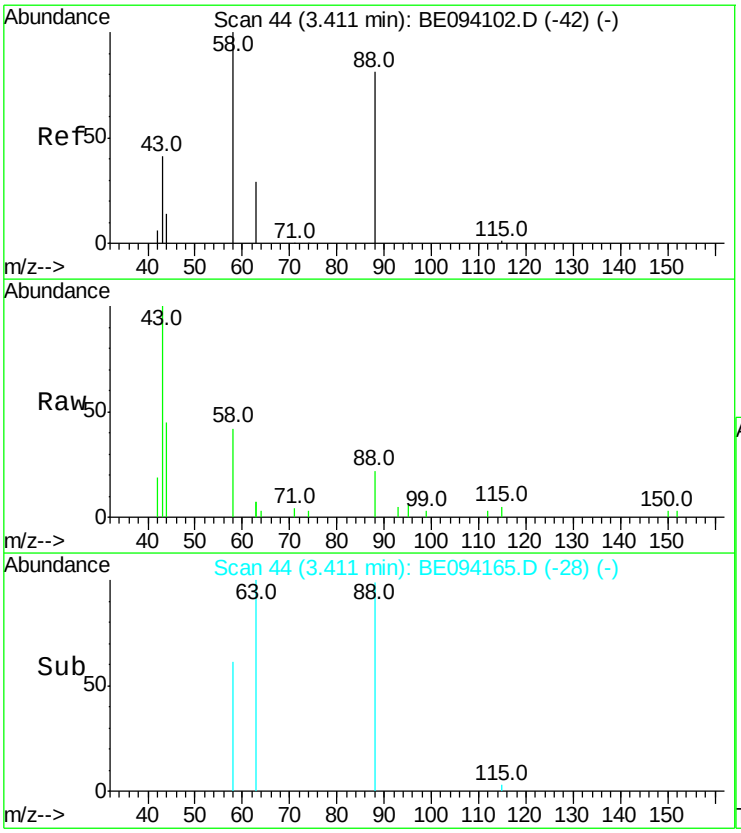


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:152 Resp: 1606

Ion	Ratio	Lower	Upper
152	100		
150	148.3	117.2	175.8
115	66.8	57.0	85.6

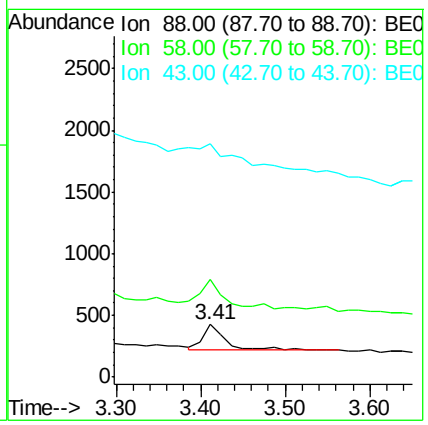


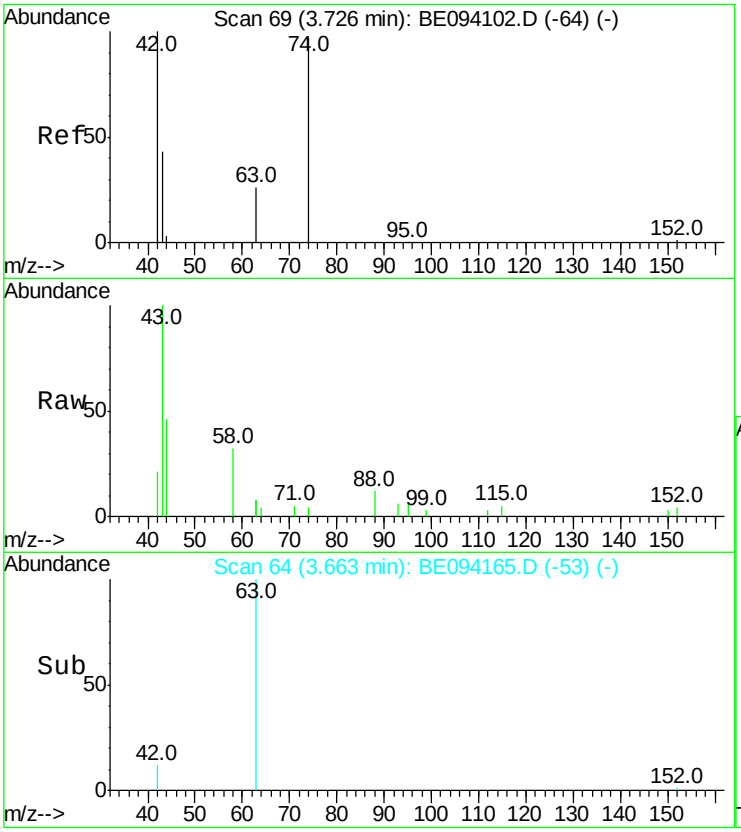


#2
1,4-Dioxane
Concen: 0.119 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion: 88 Resp: 372

Ion	Ratio	Lower	Upper
88	100		
58	109.9	63.2	94.8#
43	0.0	41.2	61.8#

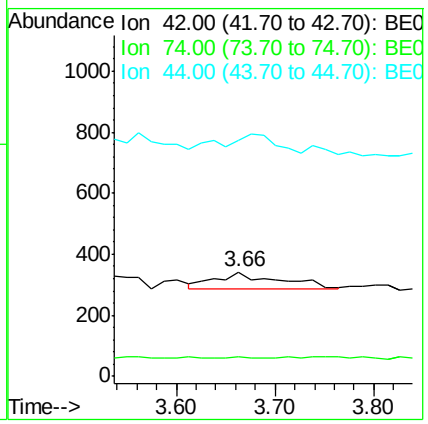


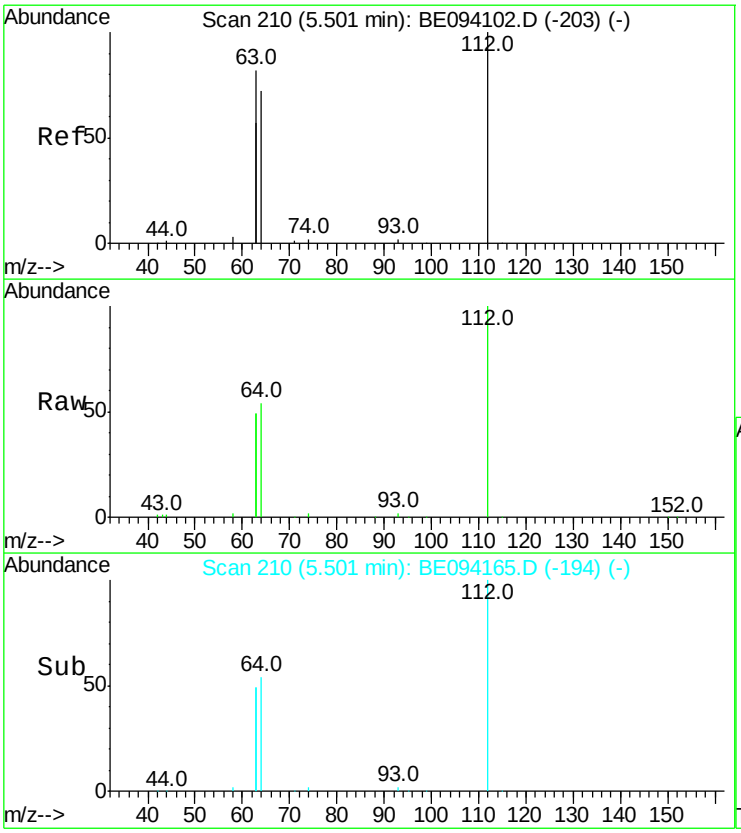


#3
n-Nitrosodimethylamine
Concen: 0.059 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.06 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion: 42 Resp: 236

Ion	Ratio	Lower	Upper
42	100		
74	0.8	100.3	150.5#
44	93.6	17.0	25.4#

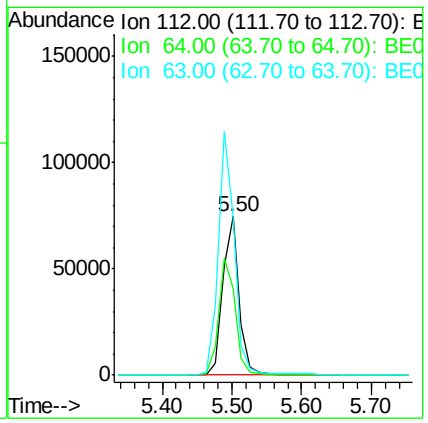


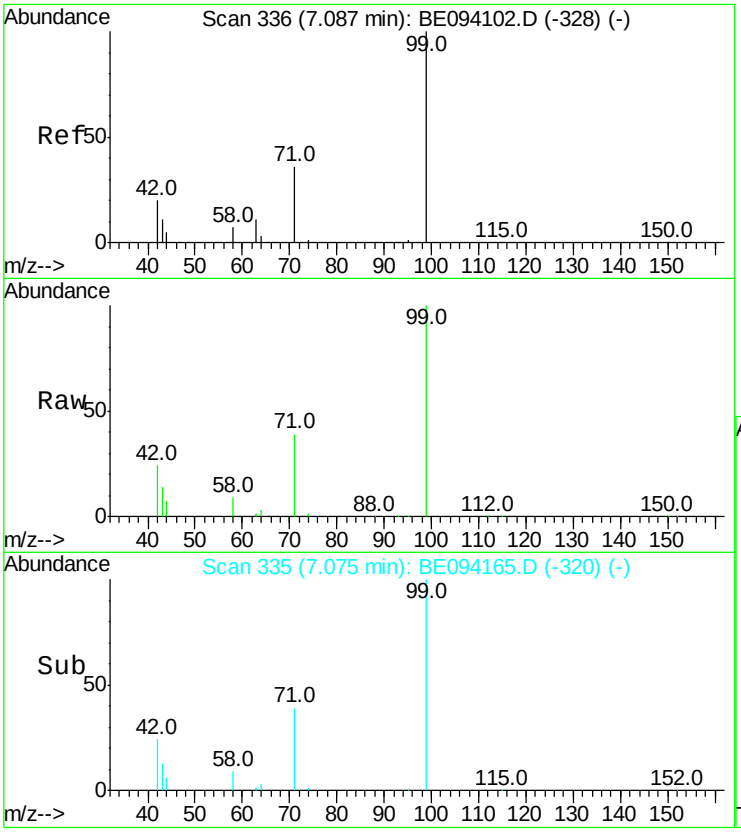


#4
2-Fluorophenol
Concen: 20.230 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:112 Resp: 123162

Ion	Ratio	Lower	Upper
112	100		
64	74.5	60.1	90.1
63	148.6	116.8	175.2

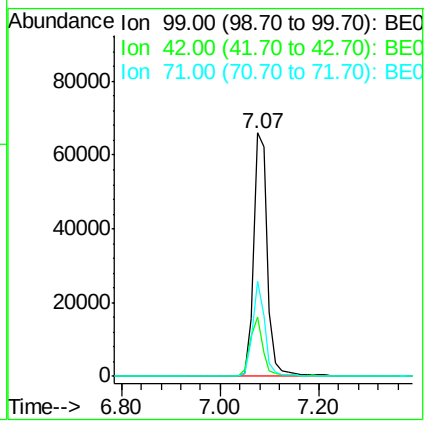


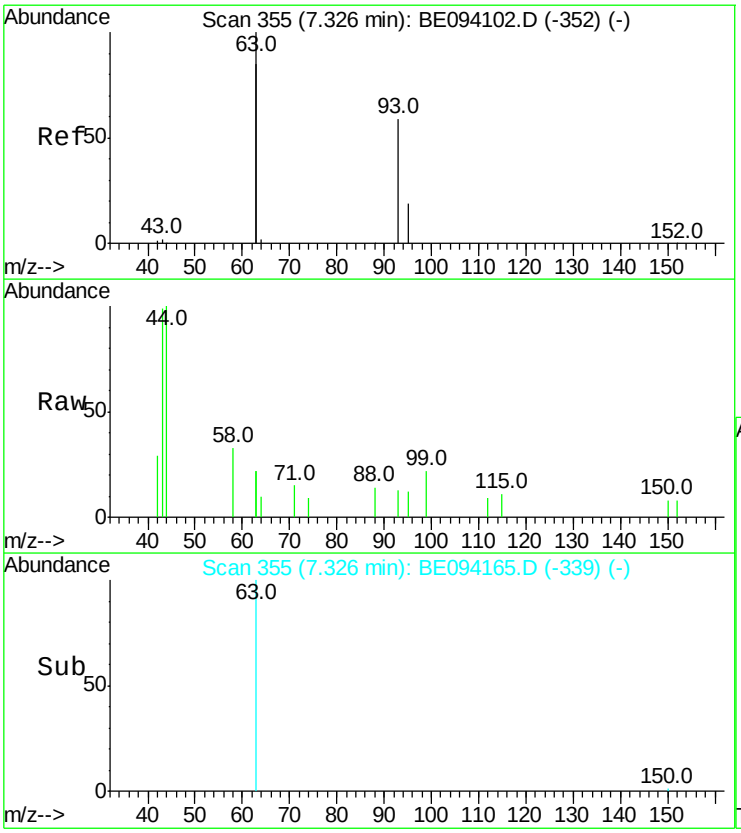


#5
Phenol-d6
Concen: 15.308 ng
RT: 7.07 min Scan# 335
Delta R.T. -0.01 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion: 99 Resp: 129453

Ion	Ratio	Lower	Upper
99	100		
42	21.6	20.2	30.2
71	34.2	28.4	42.6

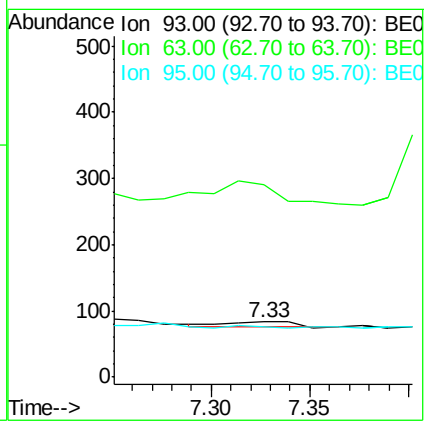


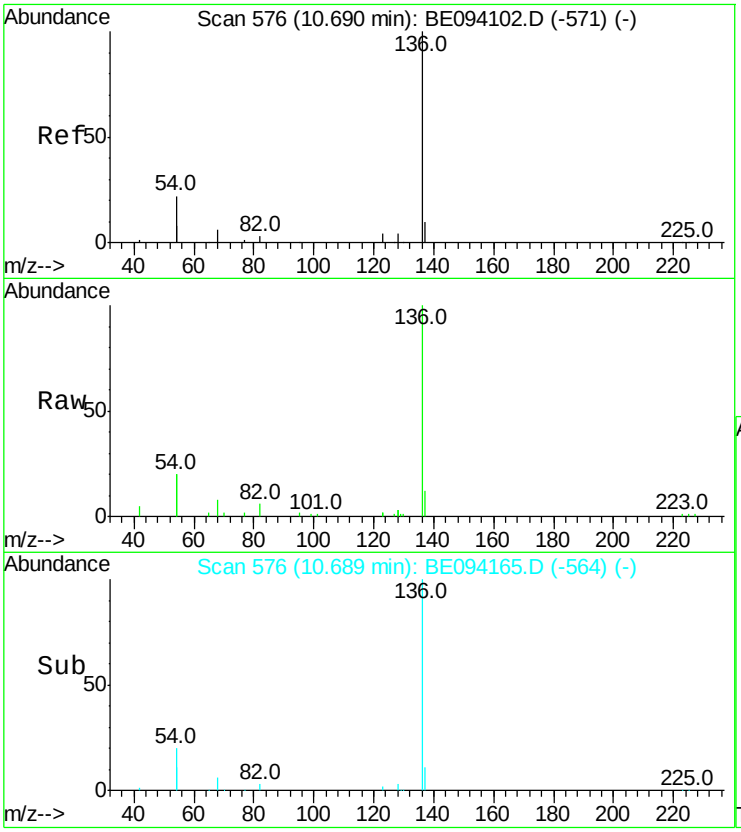


#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.33 min Scan# 355
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion: 93 Resp: 14

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

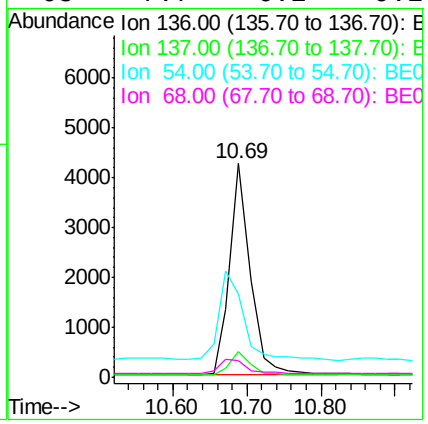


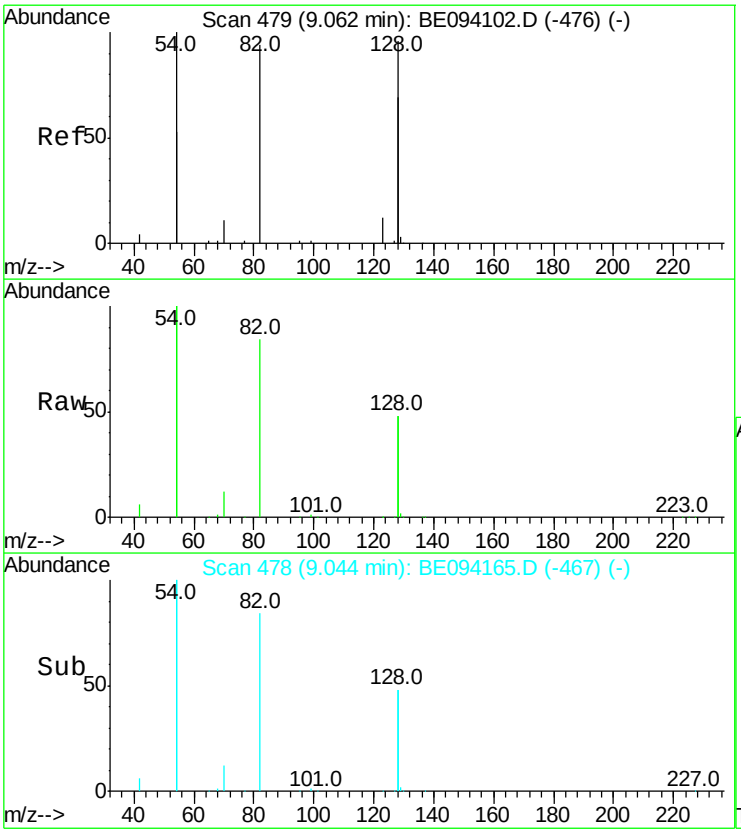


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:136 Resp: 8209

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	39.1	29.1	43.7
68	7.7	6.2	9.2

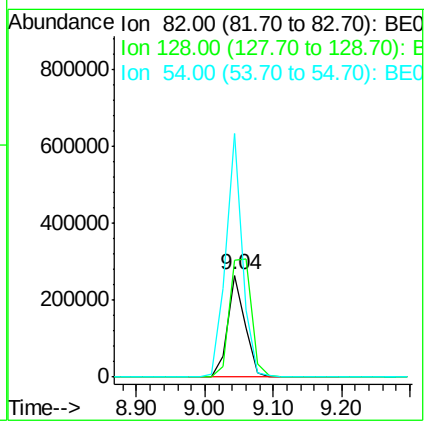


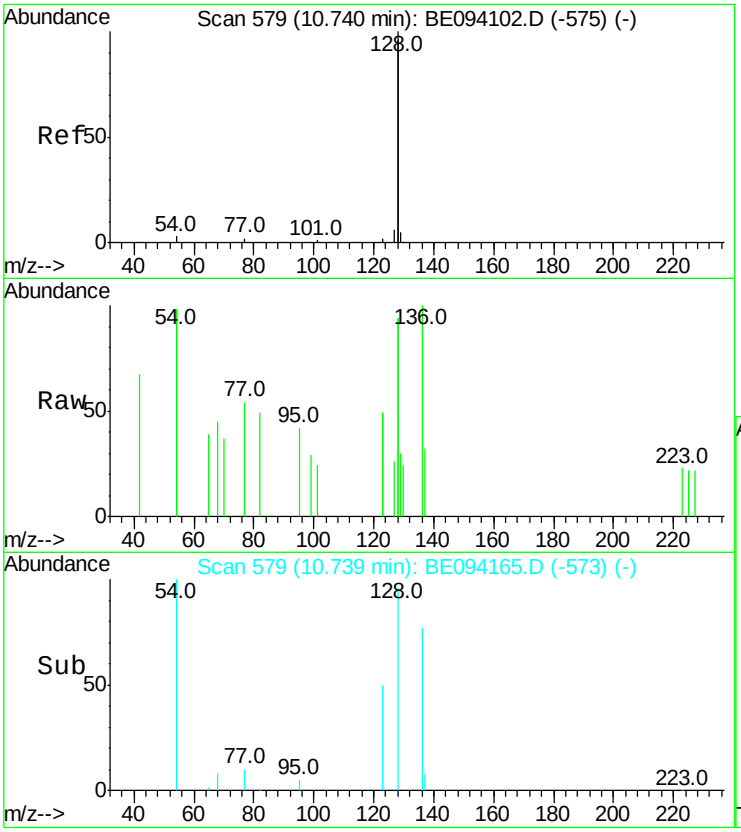


#8
Nitrobenzene-d5
Concen: 58.773 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion: 82 Resp: 466888

Ion	Ratio	Lower	Upper
82	100		
128	114.1	150.0	225.0#
54	238.8	154.2	231.4#

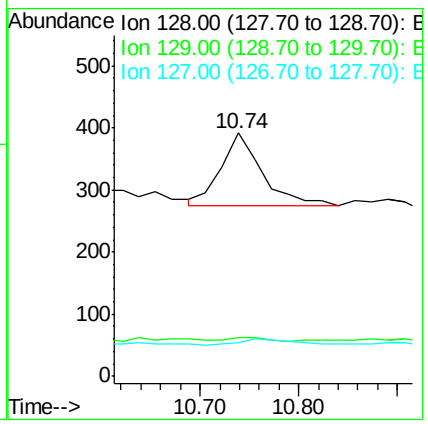


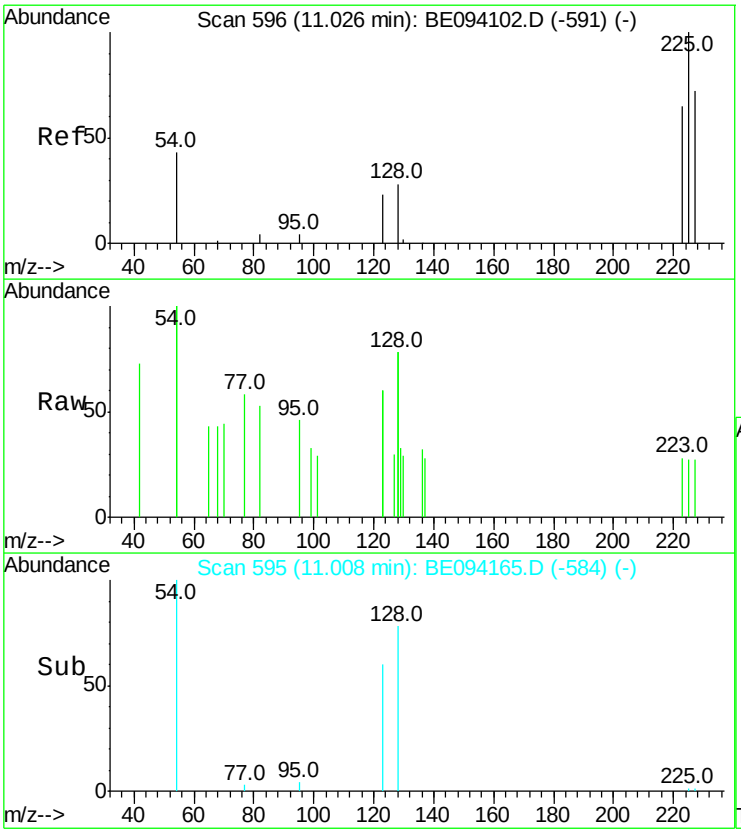


#9
Naphthalene
Concen: 0.004 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:128 Resp: 346

Ion	Ratio	Lower	Upper
128	100		
129	15.8	2.6	3.8#
127	13.8	2.8	4.2#

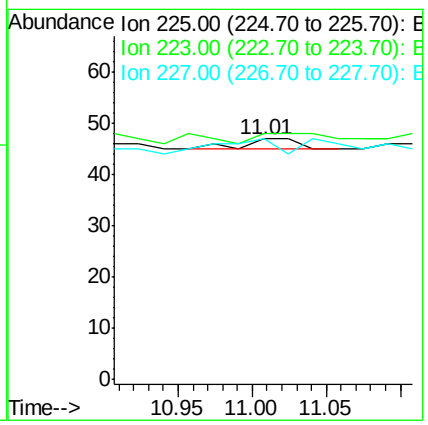


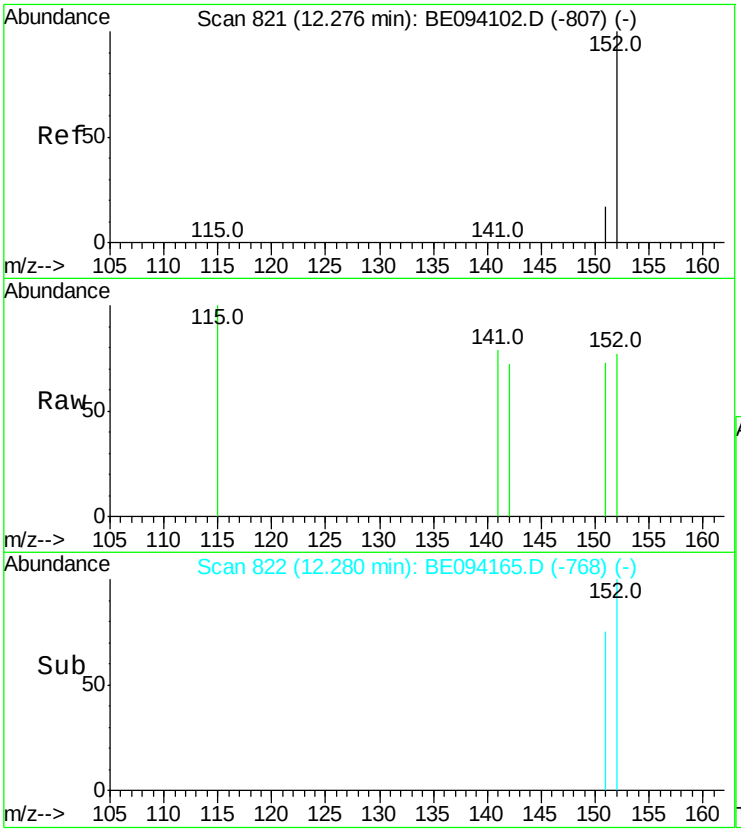


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.02 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	160.0	53.0	79.6#
227	160.0	51.4	77.2#

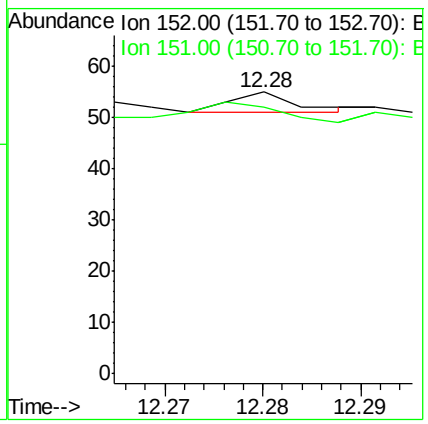


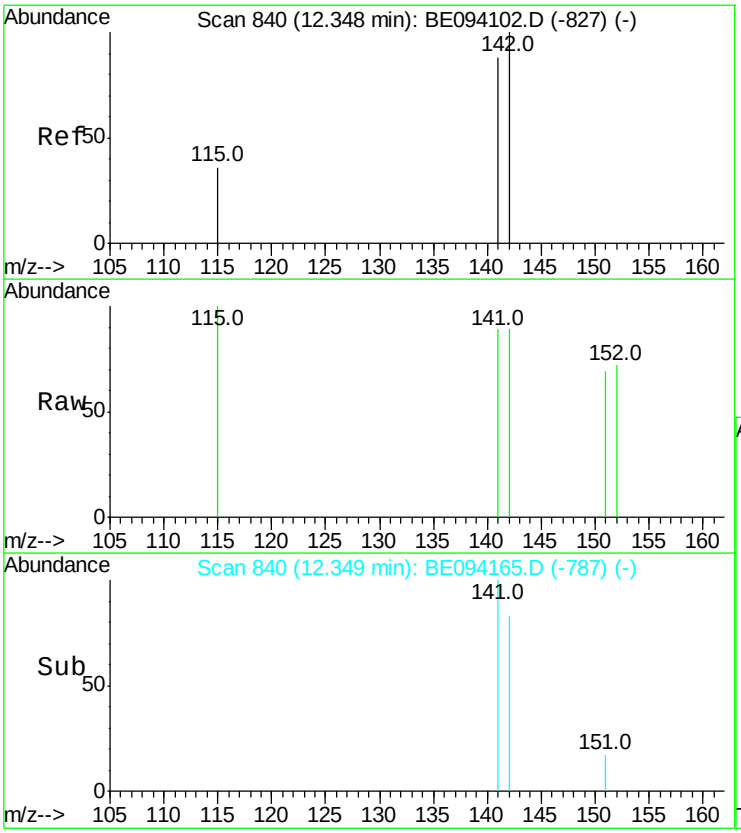


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.28 min Scan# 822
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:152 Resp: 2

Ion	Ratio	Lower	Upper
152	100		
151	100.0	15.4	23.0#

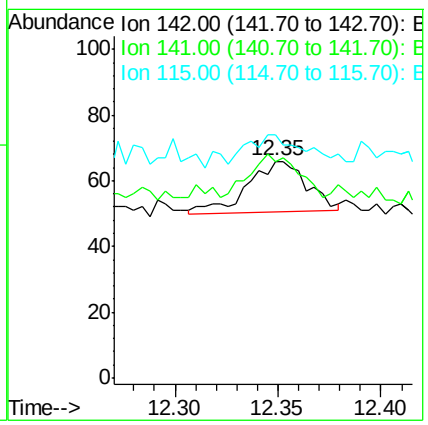


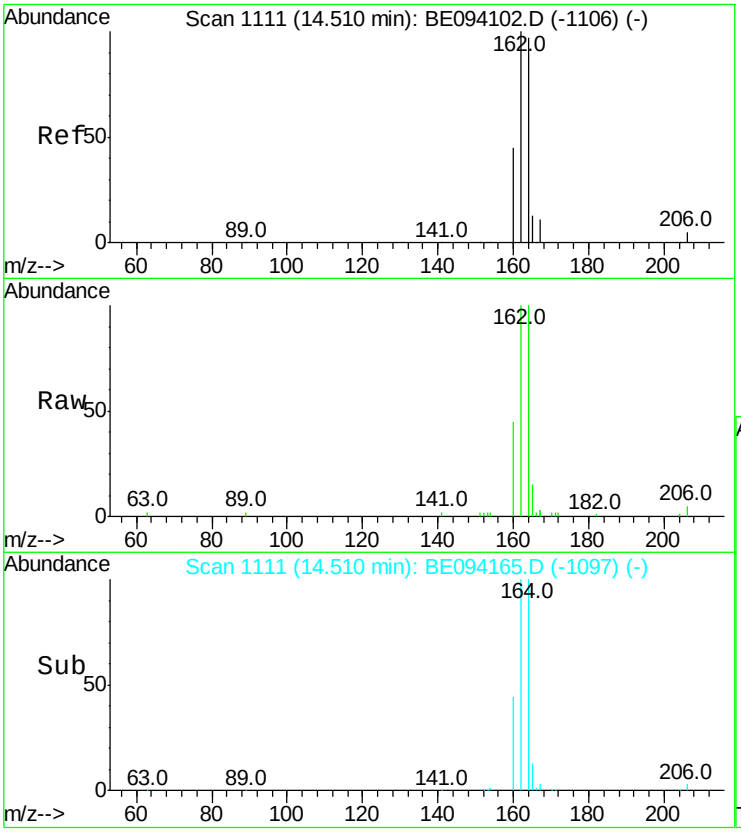


#12
2-Methylnaphthalene
Concen: 0.002 ng
RT: 12.35 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:142 Resp: 31

Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.4	105.6
115	112.1	31.7	47.5#

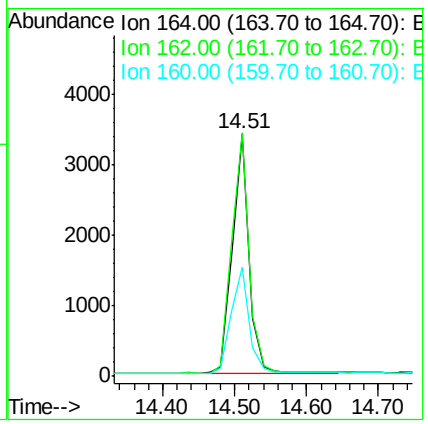


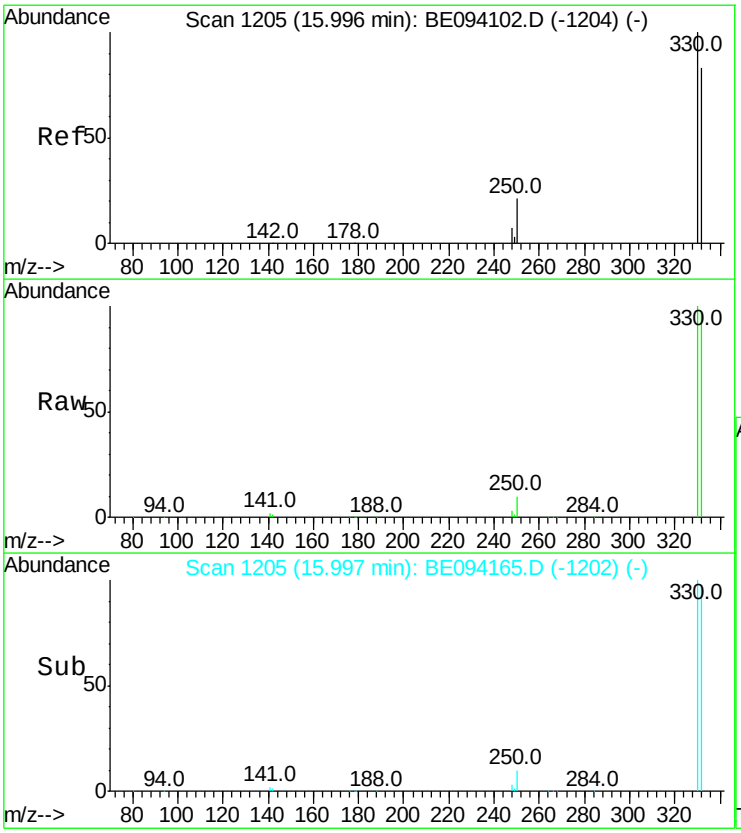


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:164 Resp: 5468

Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.1	124.7
160	45.2	37.1	55.7

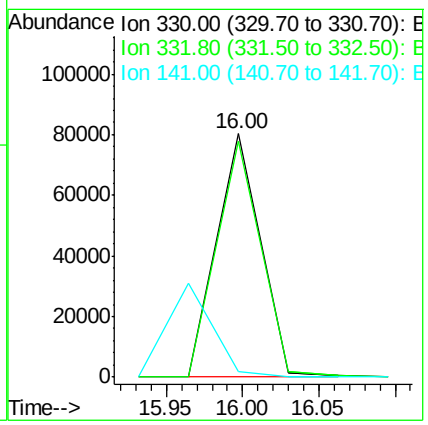


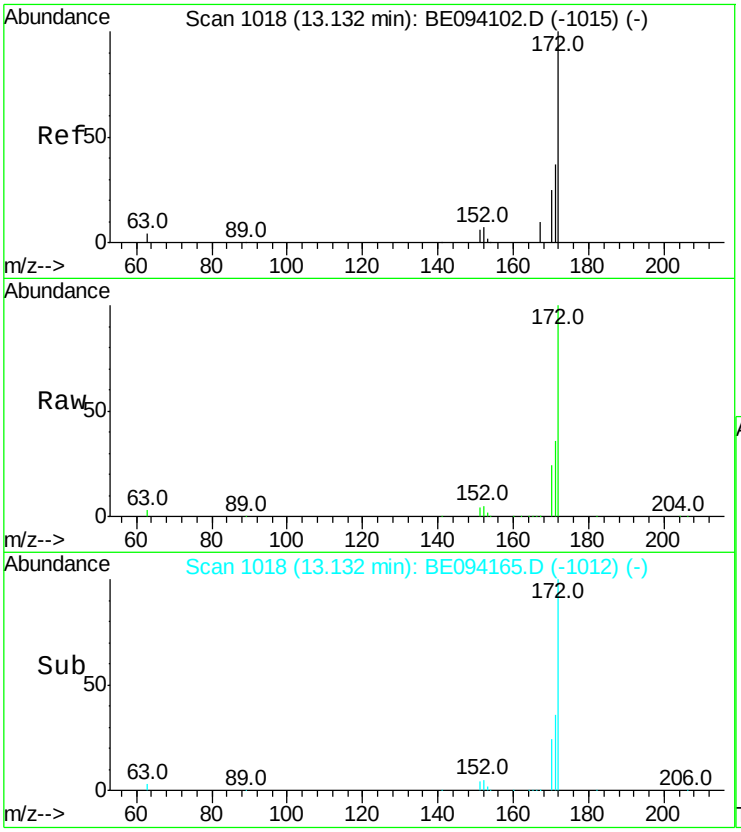


#14
2,4,6-Tribromophenol
Concen: 56.154 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:330 Resp: 159424

Ion	Ratio	Lower	Upper
330	100		
332	97.8	152.7	229.1#
141	0.0	33.7	50.5#

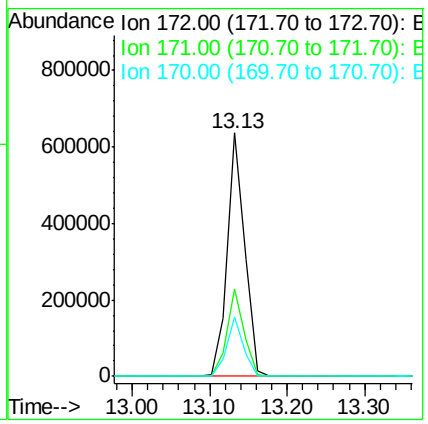


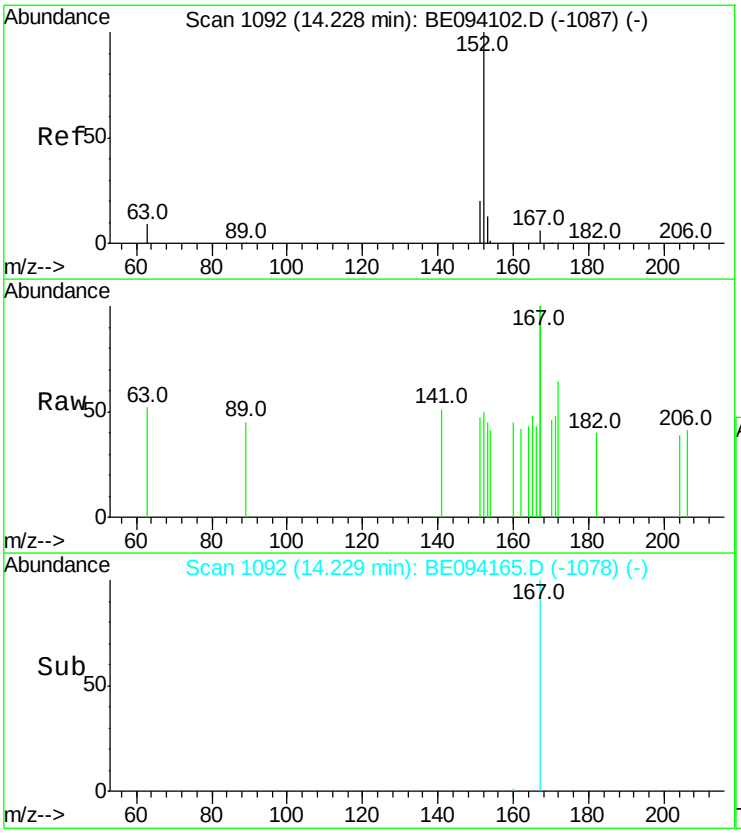


#15
2-Fluorobiphenyl
Concen: 55.241 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:172 Resp: 998049

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	24.3	21.8	32.8

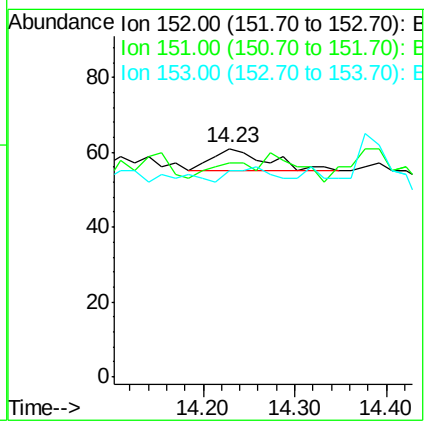


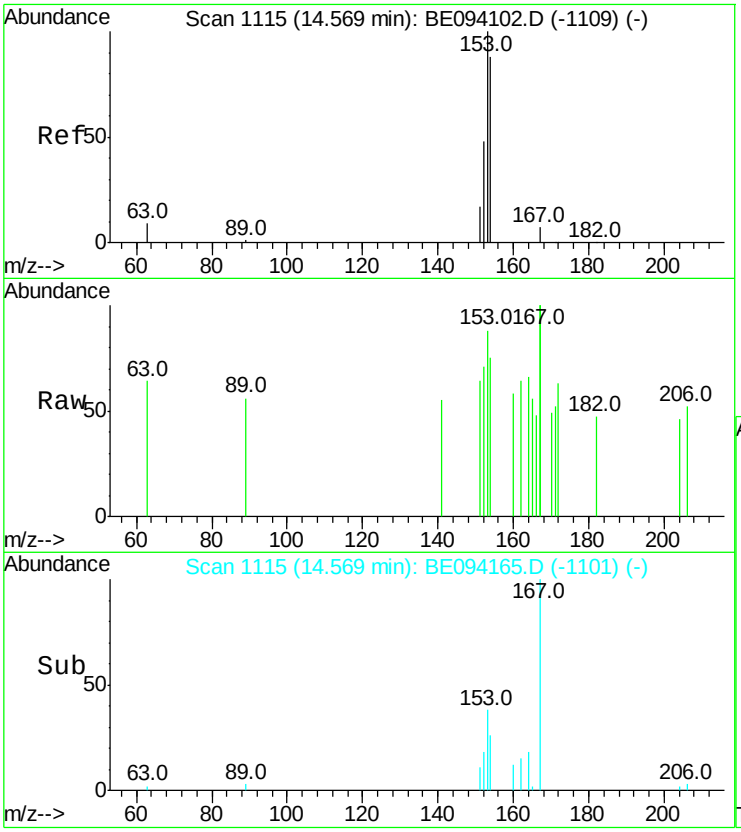


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:152 Resp: 25

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

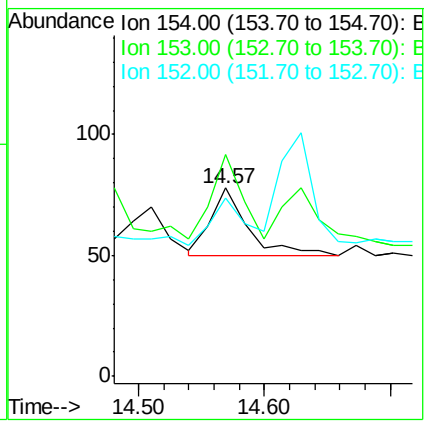


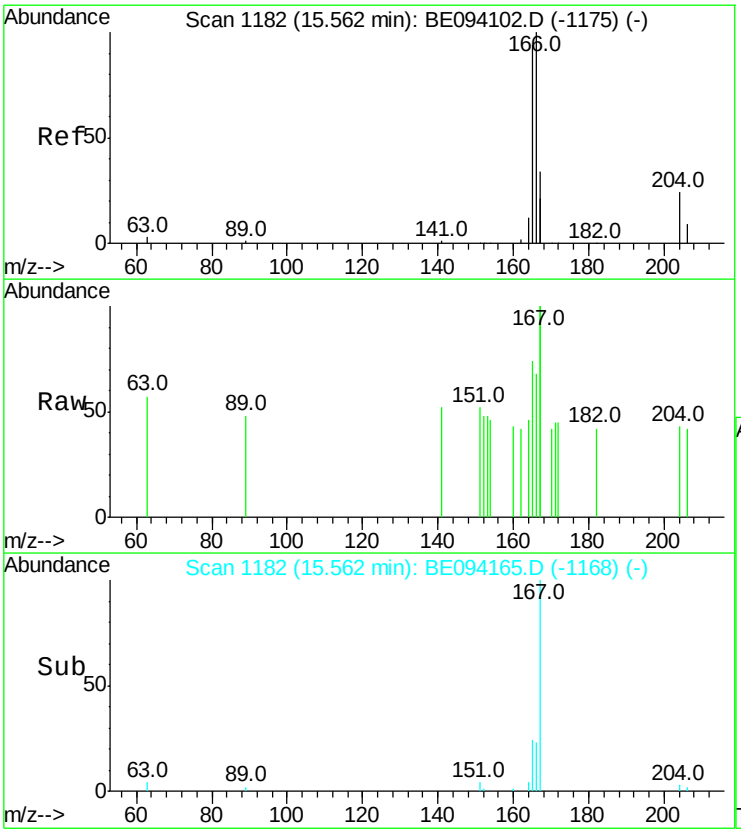


#17
Acenaphthene
Concen: 0.003 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:154 Resp: 57

Ion	Ratio	Lower	Upper
154	100		
153	126.3	89.2	133.8
152	66.7	42.0	63.0#

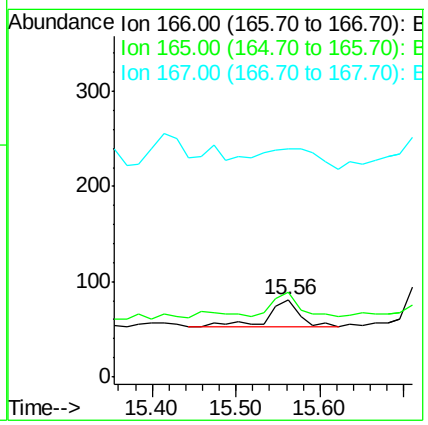


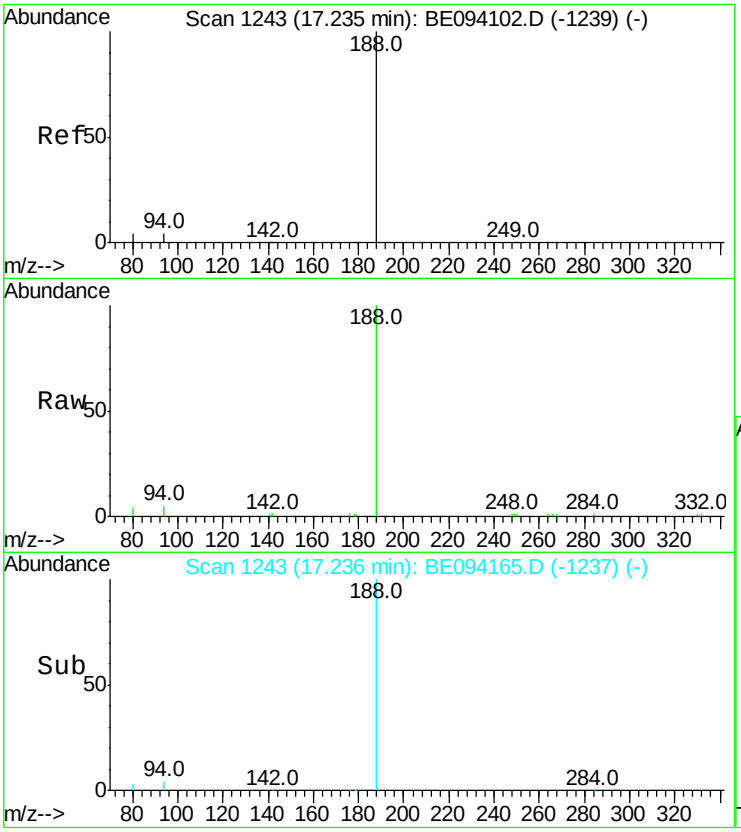


#18
Fluorene
Concen: 0.003 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:166 Resp: 79

Ion	Ratio	Lower	Upper
166	100		
165	74.7	77.8	116.6#
167	121.5	42.4	63.6#

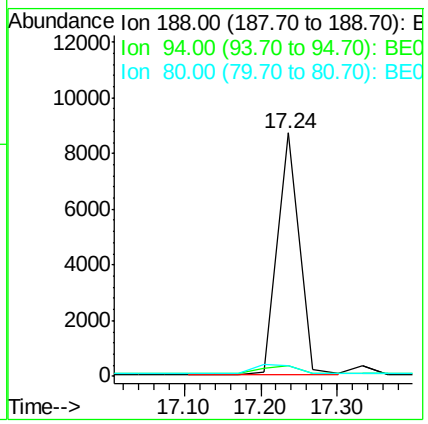


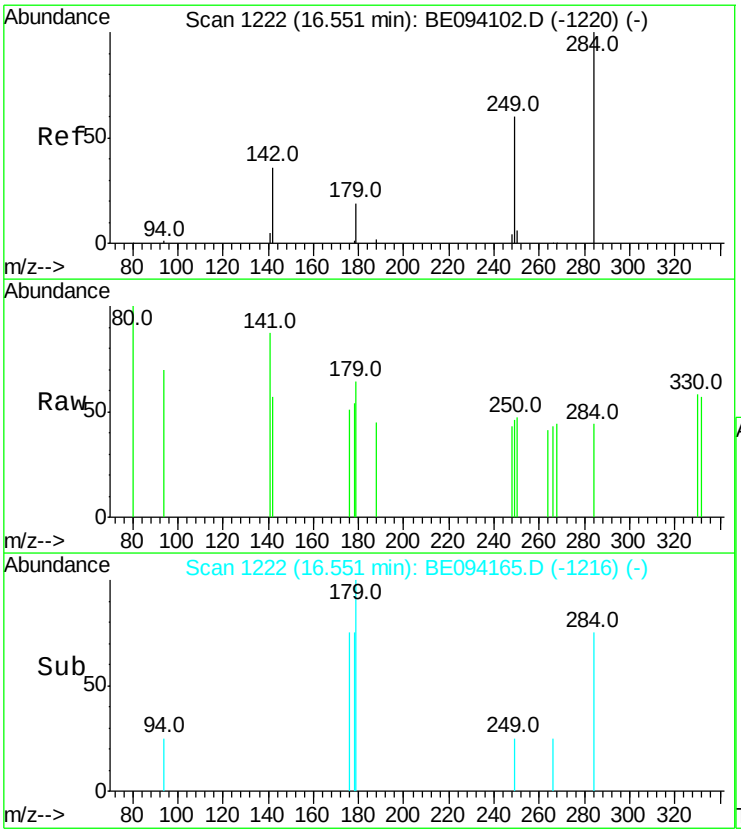


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:188 Resp: 17699

Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.9	5.9
80	4.4	3.6	5.4

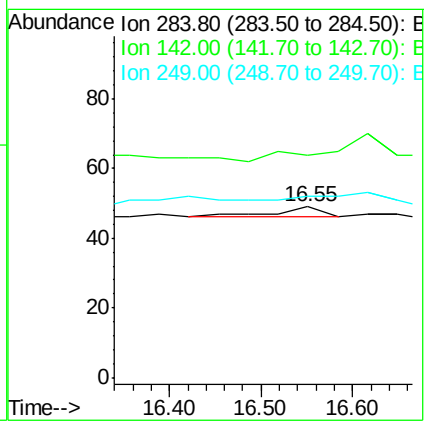


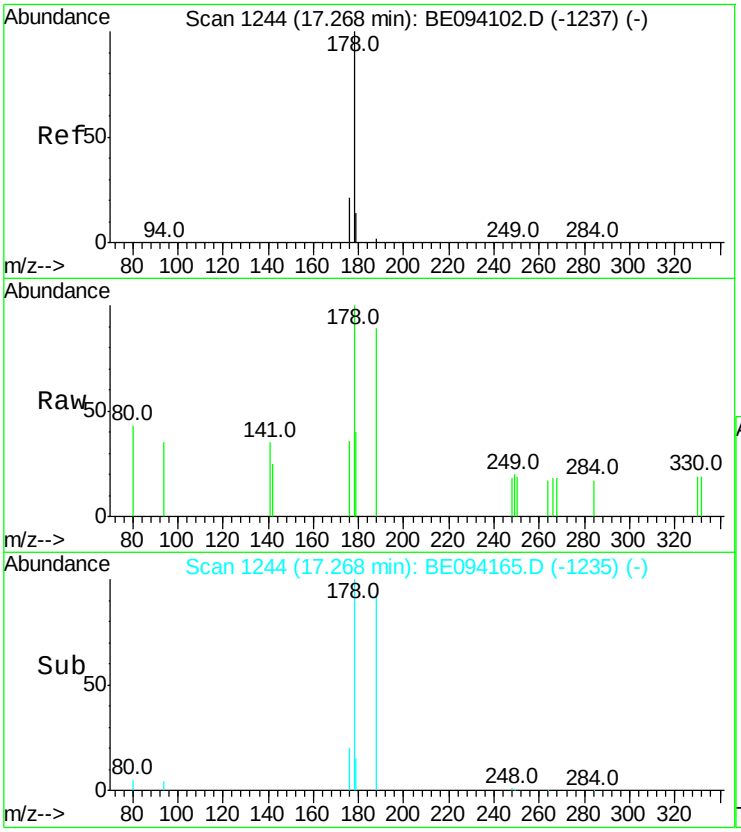


#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:284 Resp: 12

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	16.7	34.8	52.2#

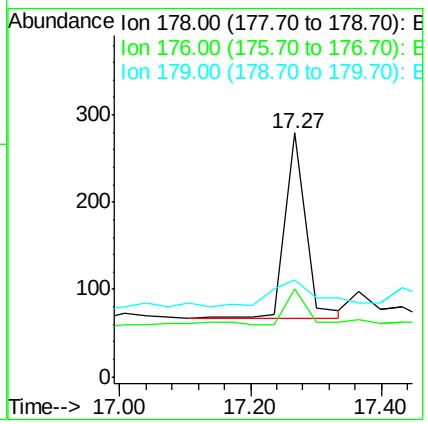


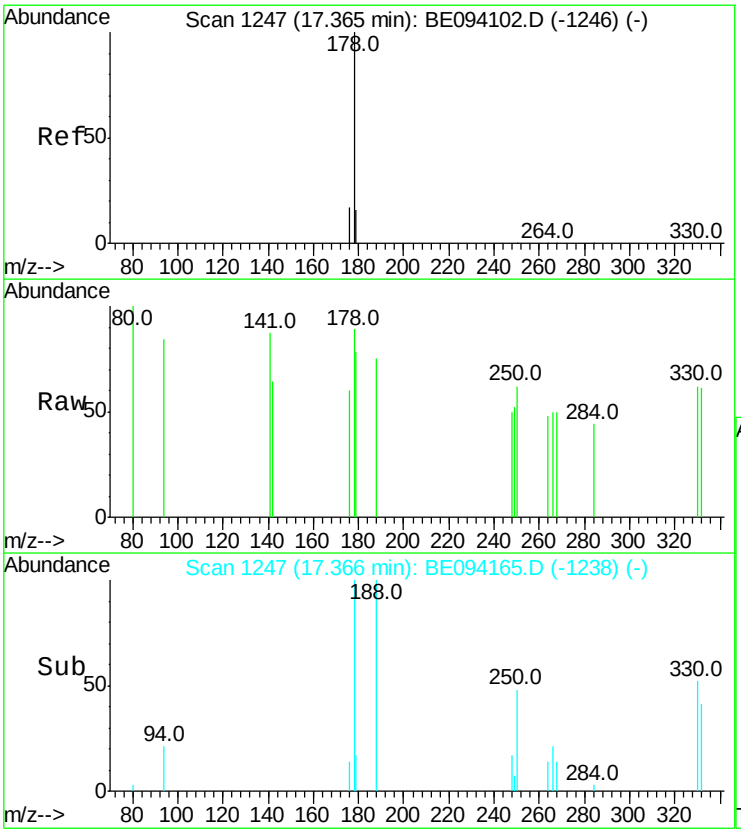


#23
Phenanthrene
Concen: 0.010 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:178 Resp: 471

Ion	Ratio	Lower	Upper
178	100		
176	22.1	15.1	22.7
179	33.5	11.8	17.6#

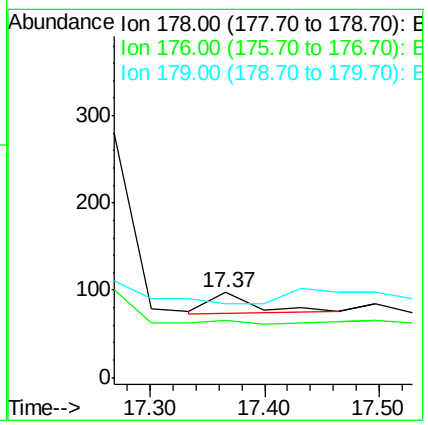


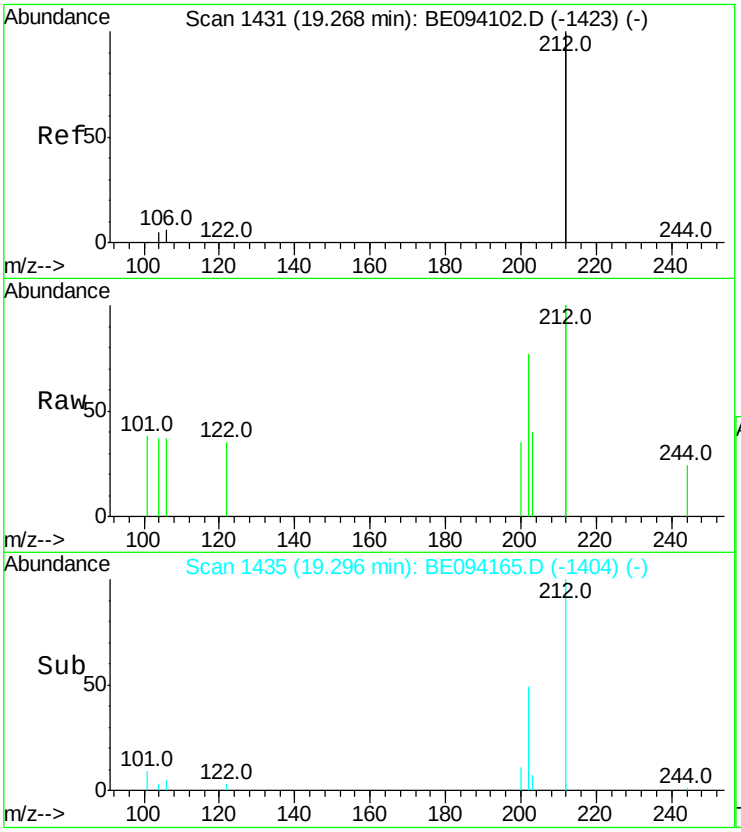


#24
Anthracene
Concen: 0.001 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:178 Resp: 68

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

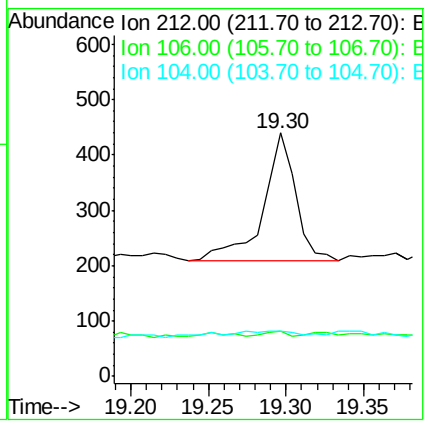


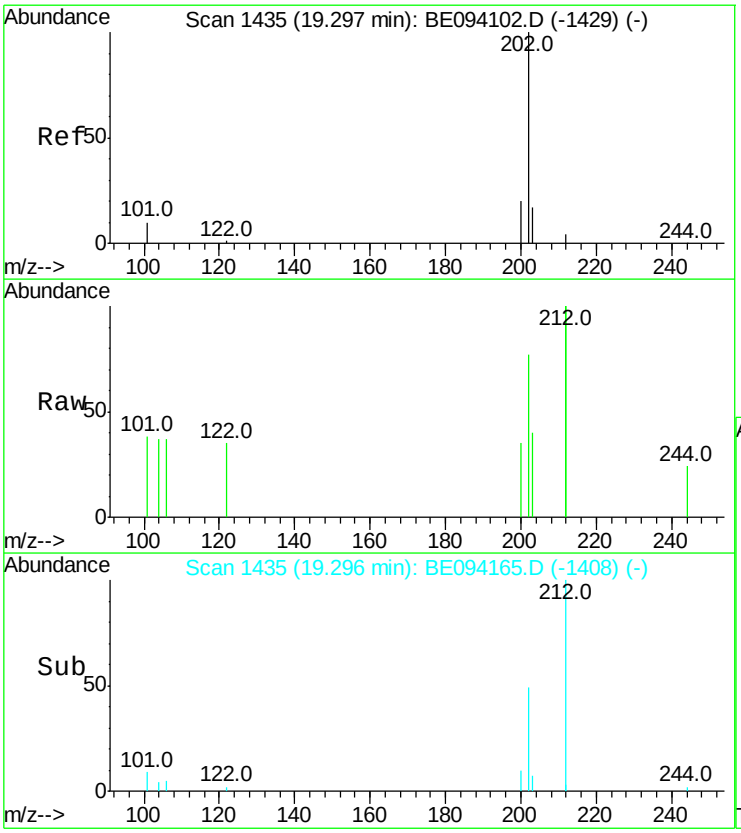


#25
Fluoranthene-d10
Concen: 0.002 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.03 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:212 Resp: 340

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.8	4.2#
104	10.6	1.6	2.4#

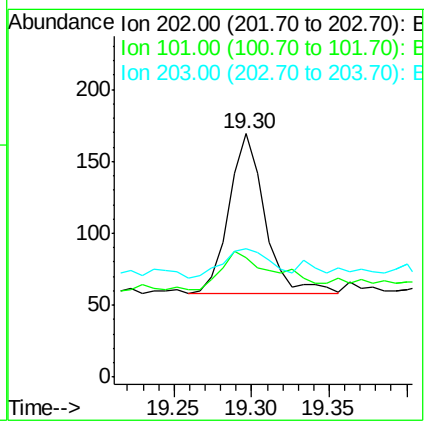


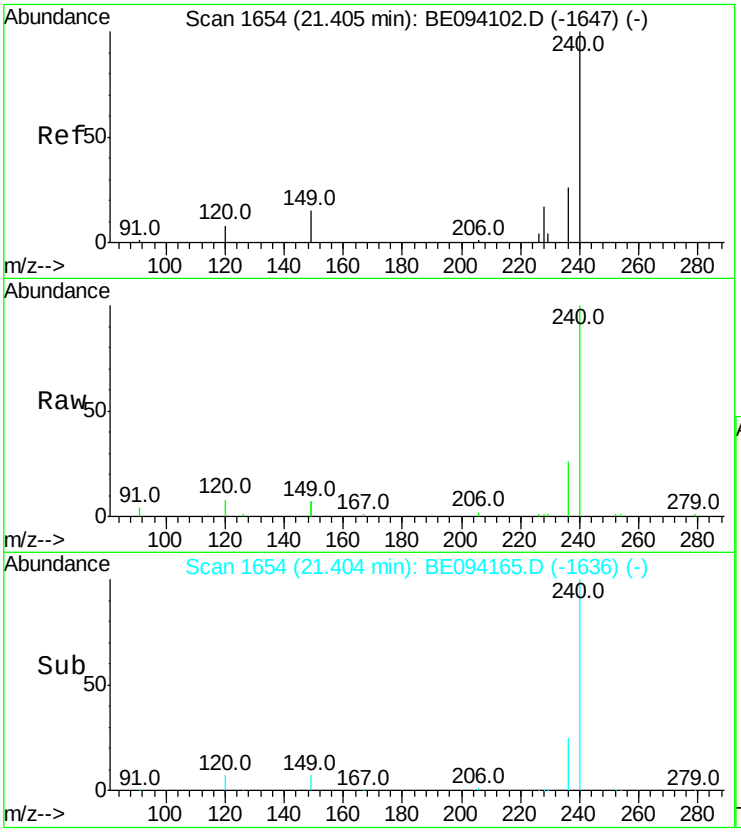


#26
Fluoranthene
Concen: 0.004 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:202 Resp: 179

Ion	Ratio	Lower	Upper
202	100		
101	34.6	9.8	14.8#
203	24.0	13.7	20.5#

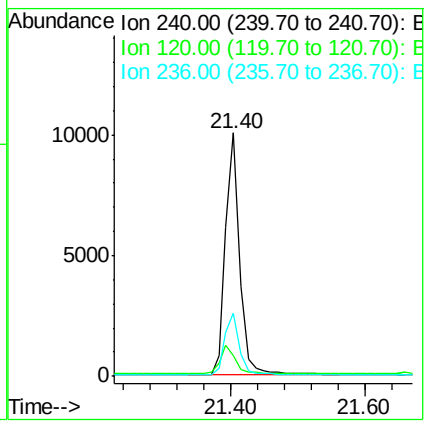


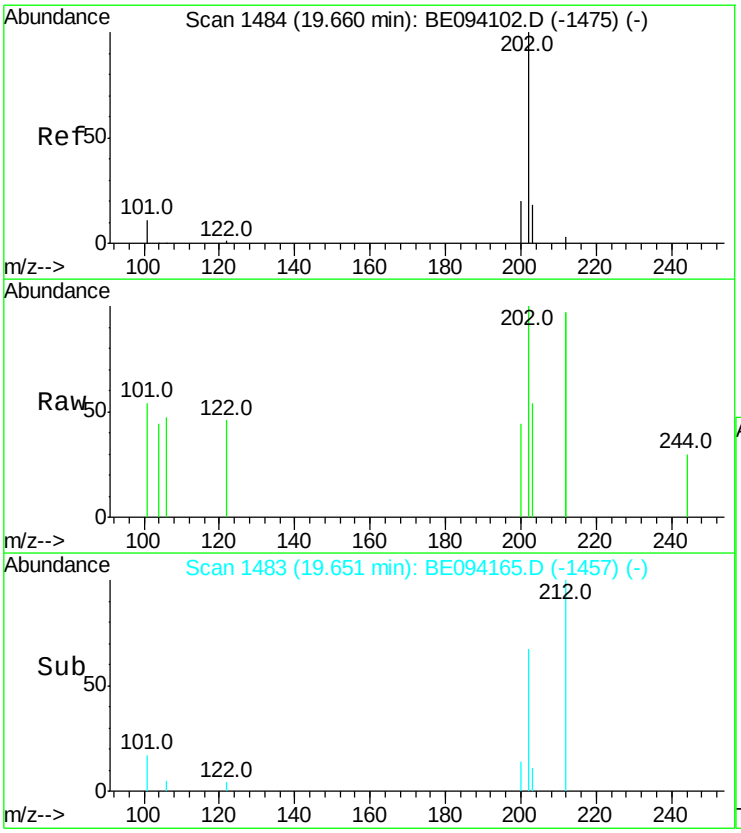


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:240 Resp: 14680

Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.5	8.3#
236	26.0	20.7	31.1

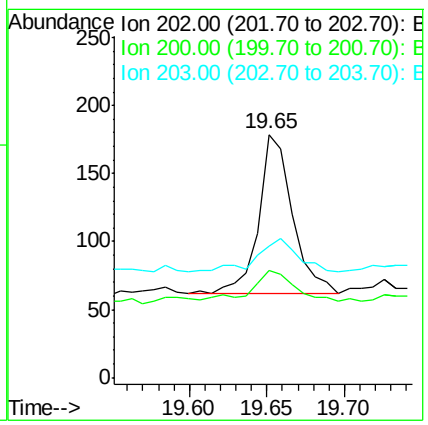


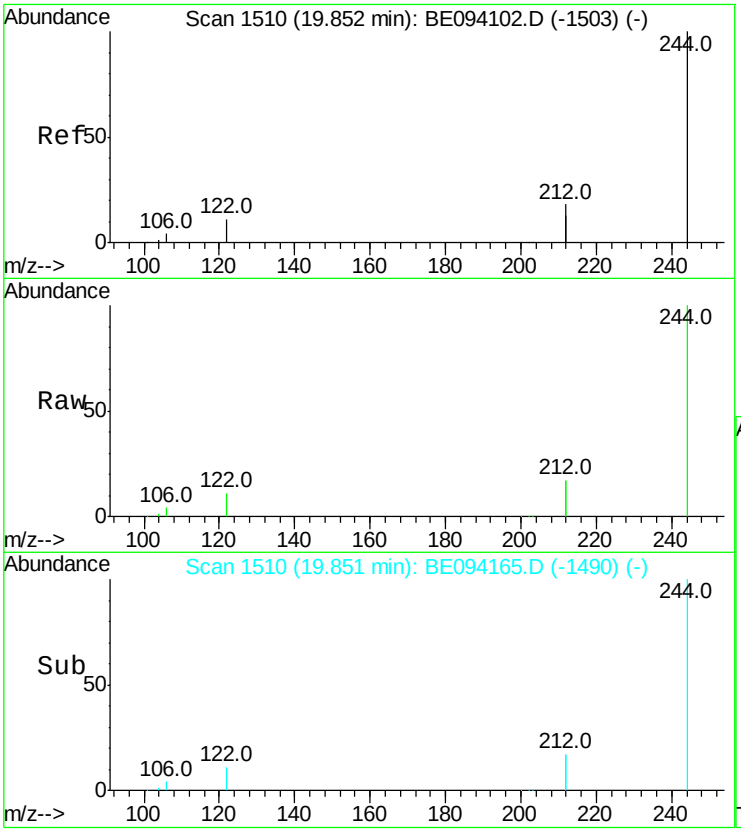


#28
Pyrene
Concen: 0.004 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:202 Resp: 176

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.6	25.0#
203	26.7	13.8	20.8#

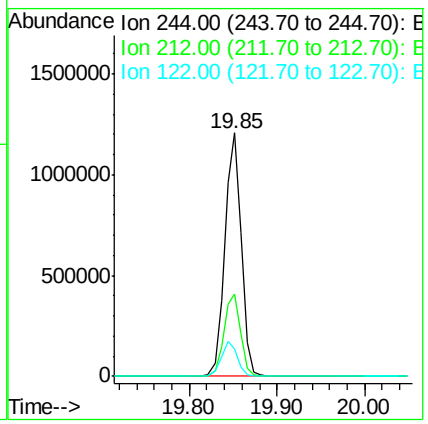


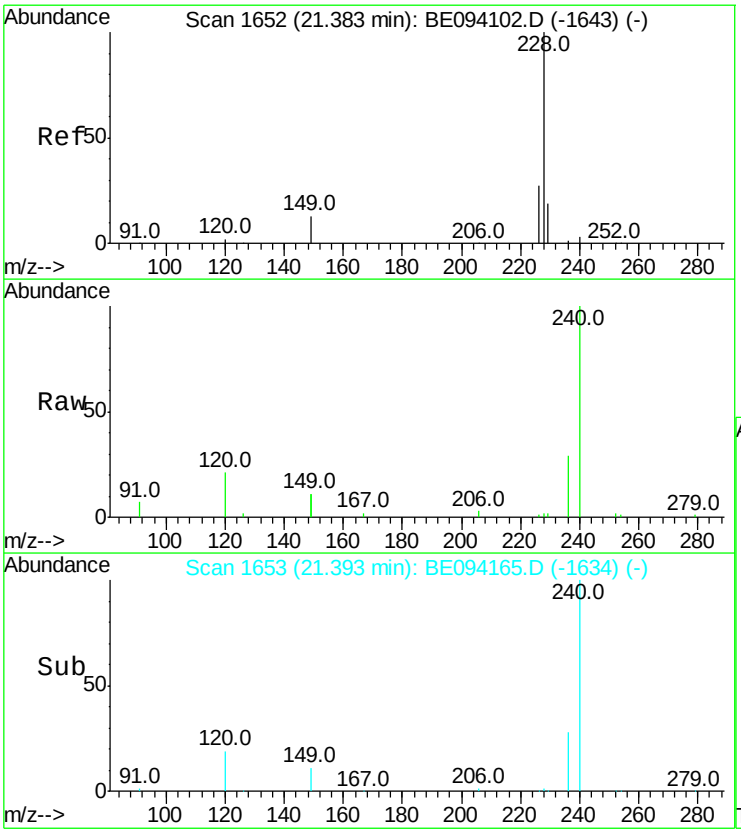


#29
Terphenyl-d14
Concen: 58.756 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:244 Resp: 1573678

Ion	Ratio	Lower	Upper
244	100		
212	33.9	25.4	38.0
122	11.3	8.1	12.1

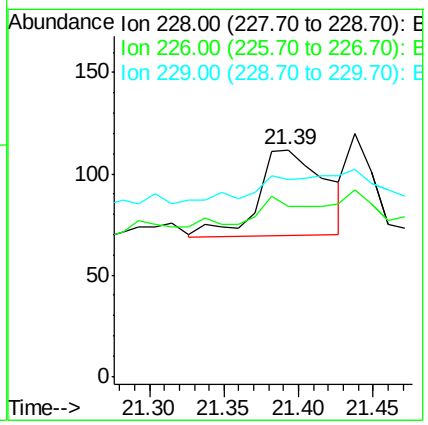


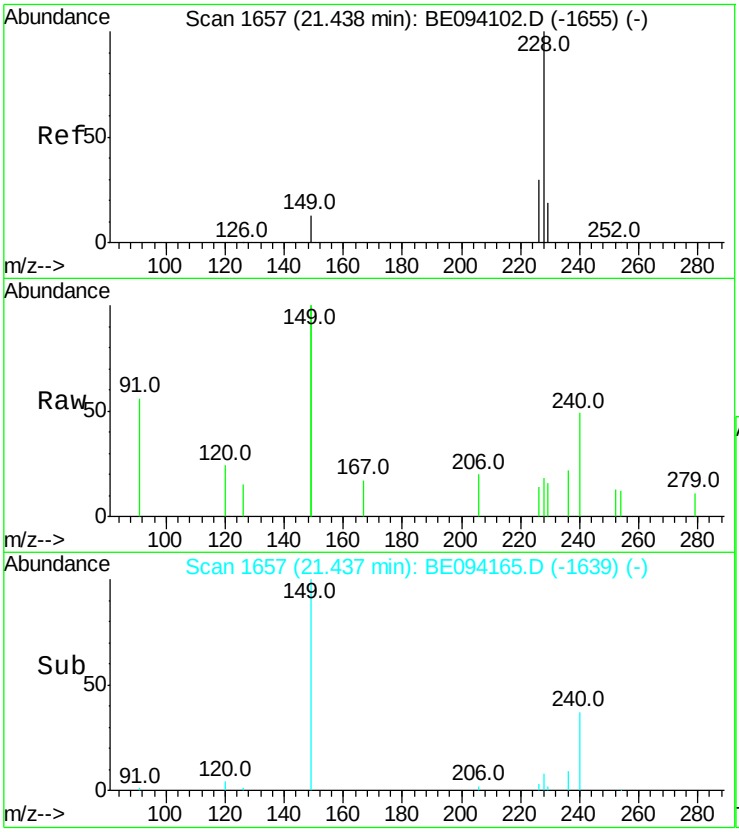


#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.39 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:228 Resp: 133

Ion	Ratio	Lower	Upper
228	100		
226	75.0	21.4	32.0#
229	86.6	16.4	24.6#

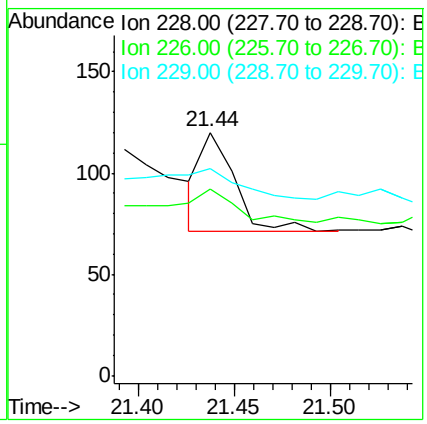


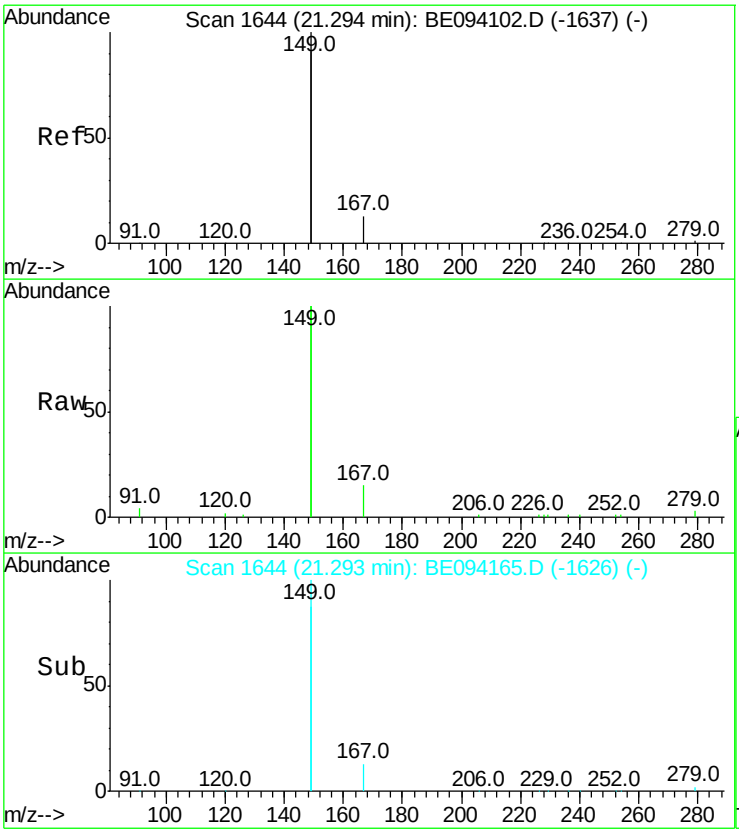


#31
Chrysene
Concen: 0.001 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:228 Resp: 61

Ion	Ratio	Lower	Upper
228	100		
226	76.7	23.6	35.4#
229	85.0	16.4	24.6#

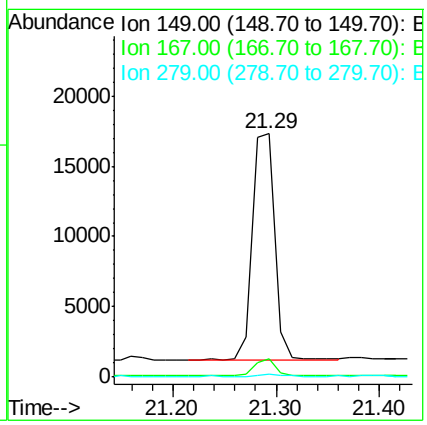


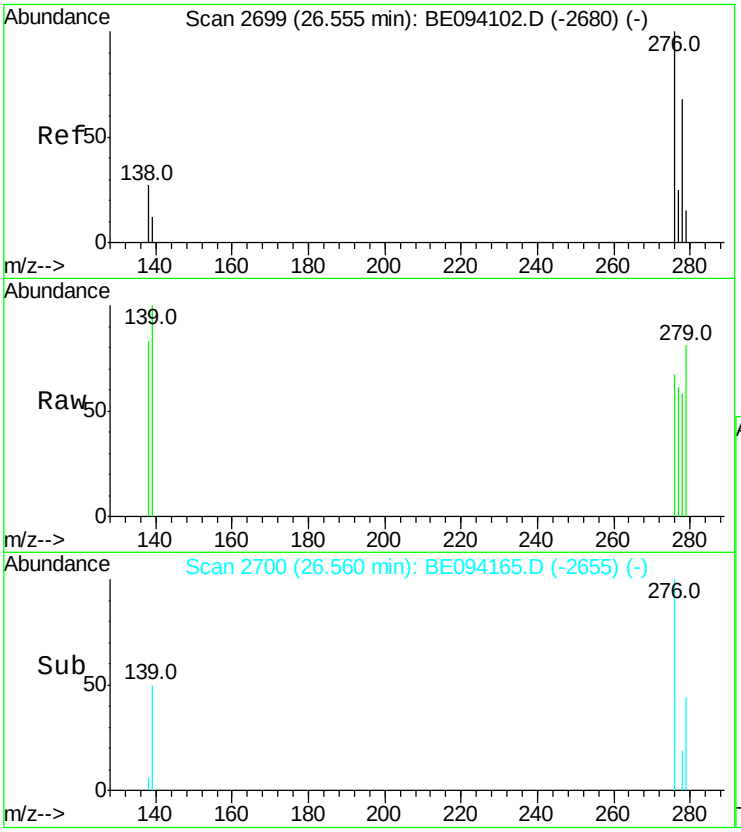


#32
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:149 Resp: 24388

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1

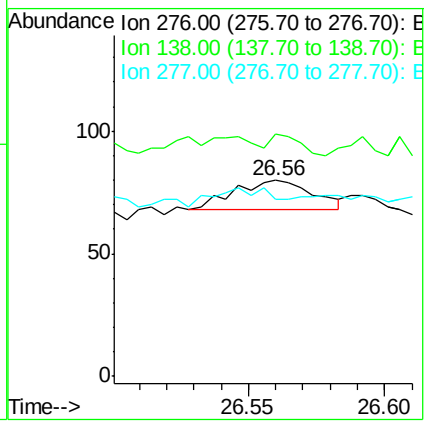


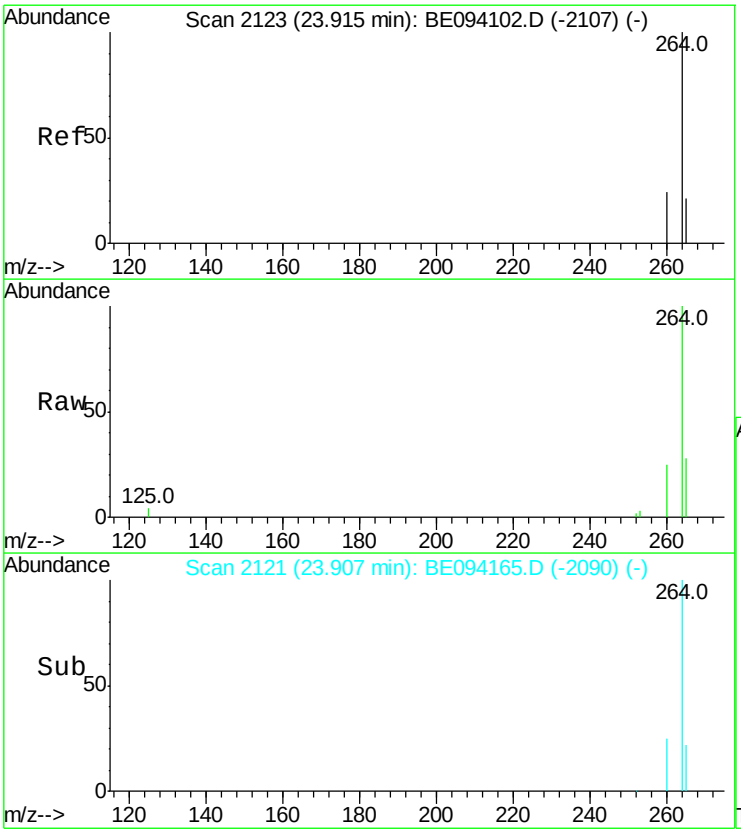


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.56 min Scan# 2700
Delta R.T. 0.01 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:276 Resp: 24

Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.5	33.7
277	45.8	19.9	29.9#

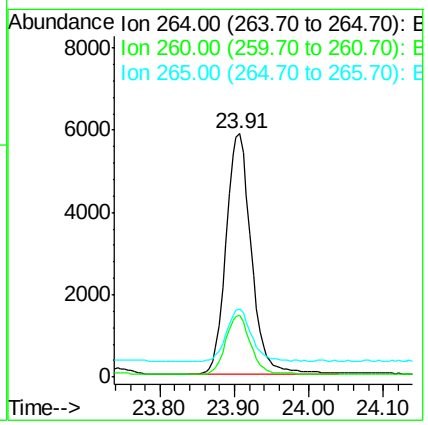


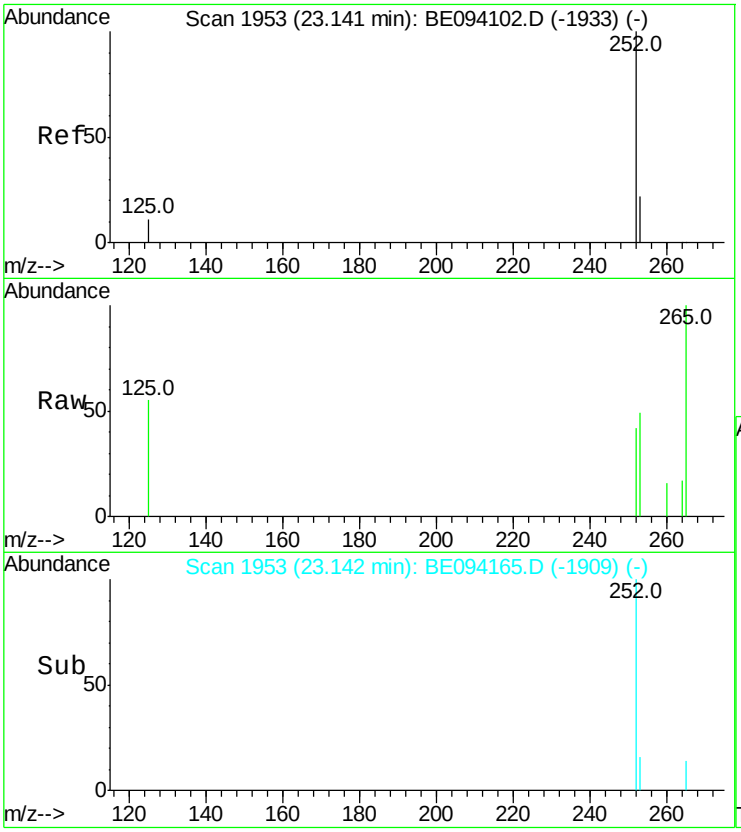


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:264 Resp: 13717

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	27.9	22.8	34.2

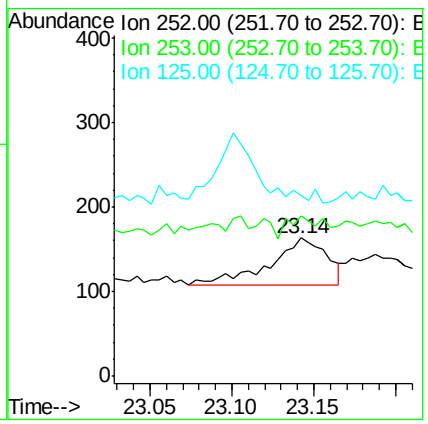


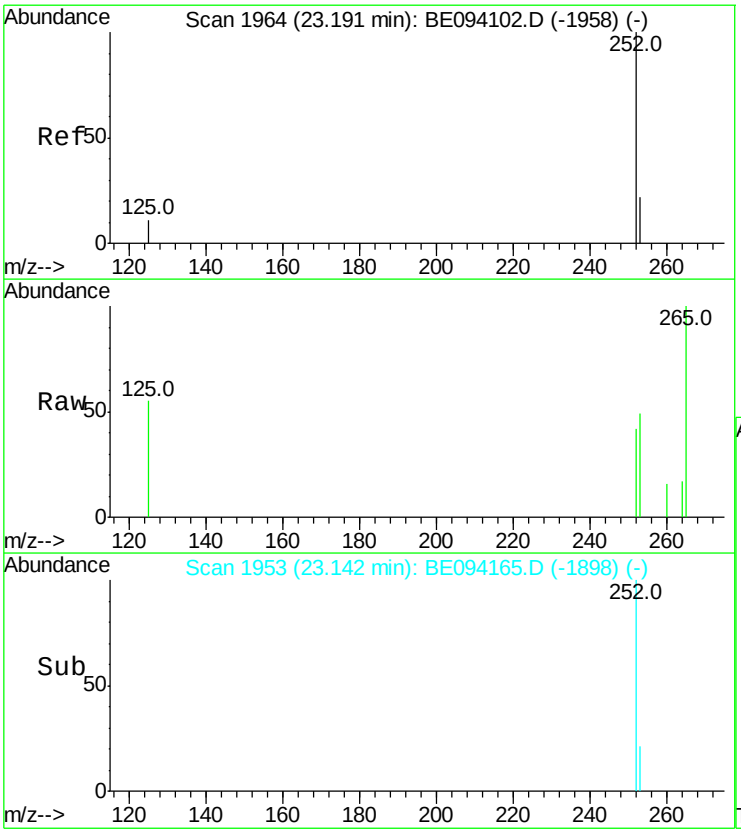


#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:252 Resp: 133

Ion	Ratio	Lower	Upper
252	100		
253	116.0	18.2	27.2#
125	131.3	10.1	15.1#

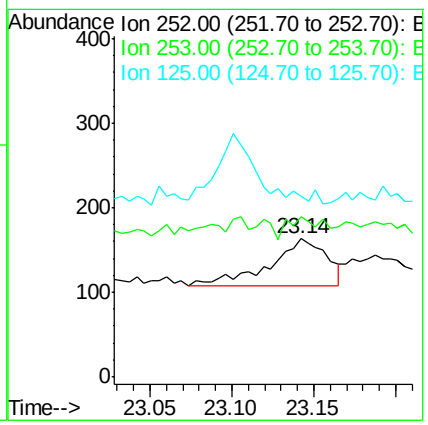


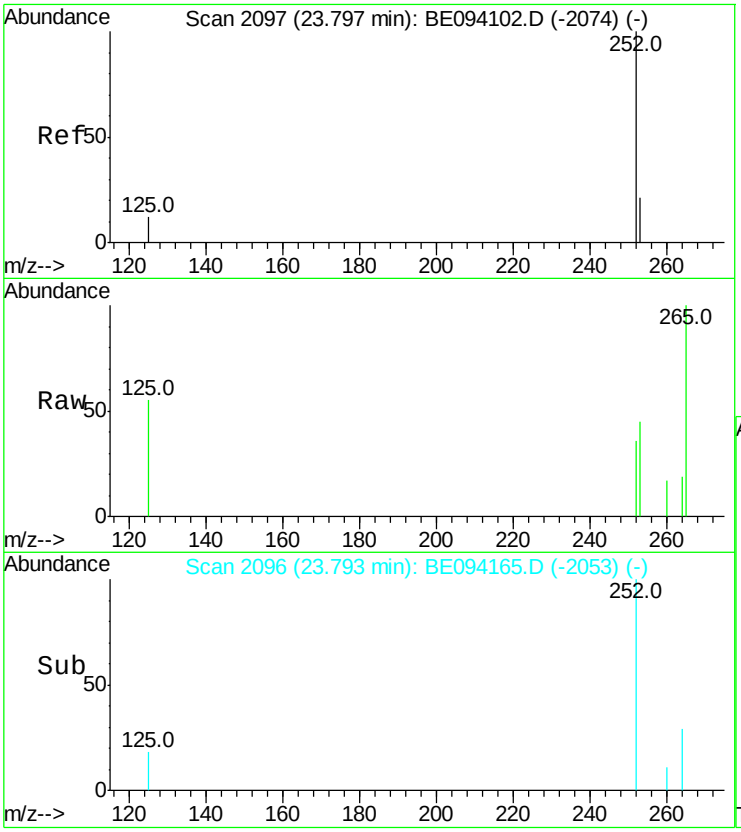


#36
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:252 Resp: 133

Ion	Ratio	Lower	Upper
252	100		
253	116.0	18.6	27.8#
125	131.3	10.7	16.1#

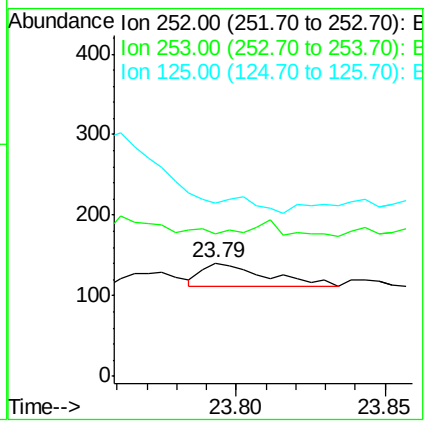


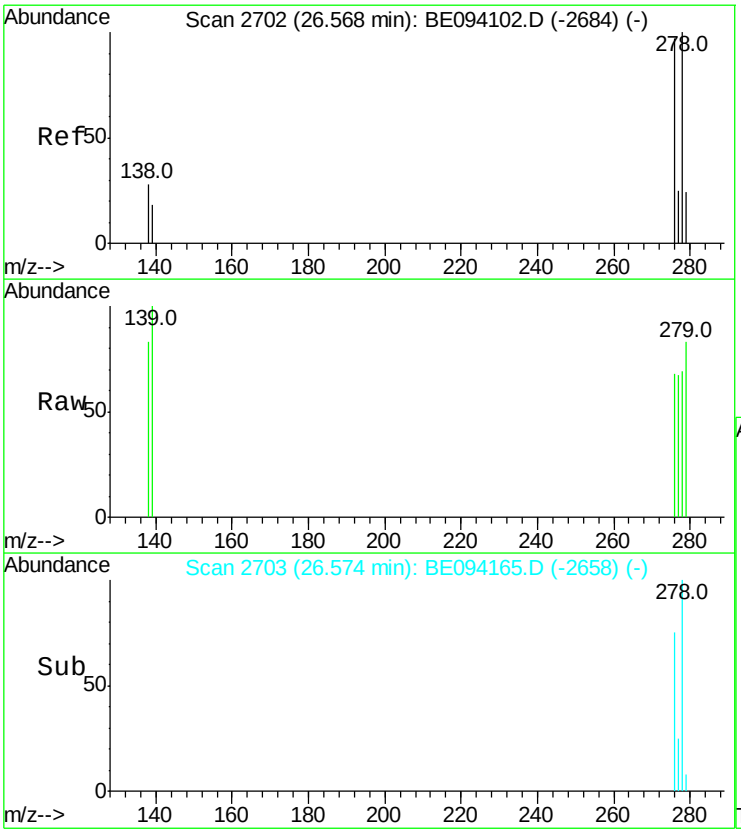


#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.79 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:252 Resp: 45

Ion	Ratio	Lower	Upper
252	100		
253	125.5	19.0	28.6#
125	152.5	11.8	17.8#

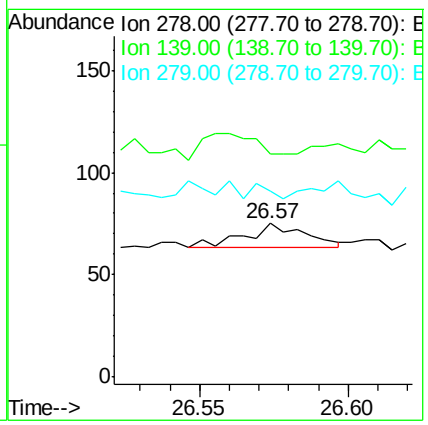


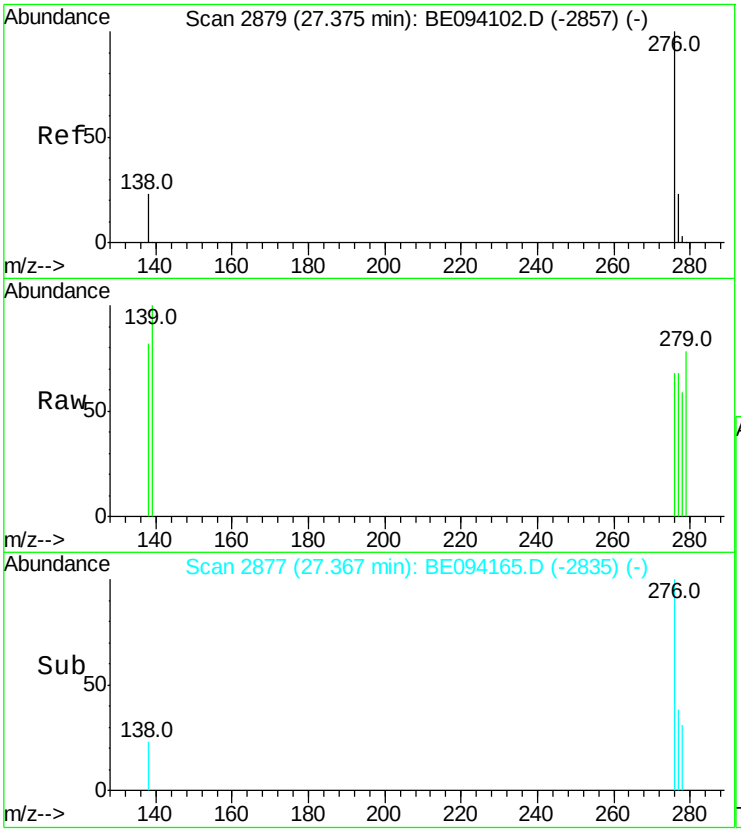


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.57 min Scan# 2703
Delta R.T. 0.01 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:278 Resp: 17

Ion	Ratio	Lower	Upper
278	100		
139	145.3	16.3	24.5#
279	121.3	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.37 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BE094165.D
Acq: 3 Oct 2017 21:40

Tgt Ion:276 Resp: 12

Ion	Ratio	Lower	Upper
276	100		
277	100.0	20.8	31.2#
138	120.8	21.5	32.3#