Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100317\
Data File : BE094160.D
Acq On : 3 Oct 2017 18:35
Operator : SJ/JU
Sample : PB102812BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 04 06:51:56 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	1530	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	7357	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	4485	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	17054	0.40	ng		0.00
27) Chrysene-d12	21.40	240	14023	0.40	ng		0.00
34) Perylene-d12	23.91	264	13410	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	674554	116.30	ng		0.00
5) Phenol-d6	7.09	99	986125	122.40	ng		0.00
8) Nitrobenzene-d5	9.04	82	601564	84.50	ng		-0.02
11) 2-Methylnaphthalene-d10	12.28	152	2	0.00	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	377968	162.39	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	1244510	83.98	ng		0.00
25) Fluoranthene-d10	19.27	212	21	0.00	ng		0.00
29) Terphenyl-d14	19.85	244	2218097	86.70	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.82	42	59	0.015	ng	#	1
6) bis(2-Chloroethyl)ether	7.44	93	1056	0.169	ng	#	1
9) Naphthalene	10.74	128	157	0.002	ng	#	58
10) Hexachlorobutadiene	11.06	225	4	0.001	ng	#	1
12) 2-Methylnaphthalene	12.36	142	10	0.001	ng	#	60
16) Acenaphthylene	14.23	152	34	0.002	ng	#	78
17) Acenaphthene	14.57	154	31	0.002	ng	#	46
18) Fluorene	15.56	166	33	0.002	ng	#	56
21) Hexachlorobenzene	16.55	284	2	0.000	ng	#	38
22) Pentachlorophenol	16.97	266	14	0.003	ng		96
23) Phenanthrene	17.27	178	205	0.005	ng	#	78
24) Anthracene	17.37	178	57	0.001	ng	#	79
26) Fluoranthene	19.30	202	95	0.002	ng	#	79
30) Benzo(a)anthracene	21.38	228	126	0.003	ng	#	3
31) Chrysene	21.44	228	122	0.003	ng	#	15
32) Bis(2-ethylhexyl)phthalate	21.29	149	2235	Below Cal		#	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	80	0.002	ng	#	79
35) Benzo(b)fluoranthene	23.14	252	81	0.002	ng	#	1
36) Benzo(k)fluoranthene	23.19	252	51	0.001	ng	#	1
37) Benzo(a)pyrene	23.80	252	77	0.002	ng	#	1
38) Dibenzo(a,h)anthracene	26.58	278	106	0.003	ng	#	1
39) Benzo(g,h,i)perylene	27.38	276	189	0.005	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100317\
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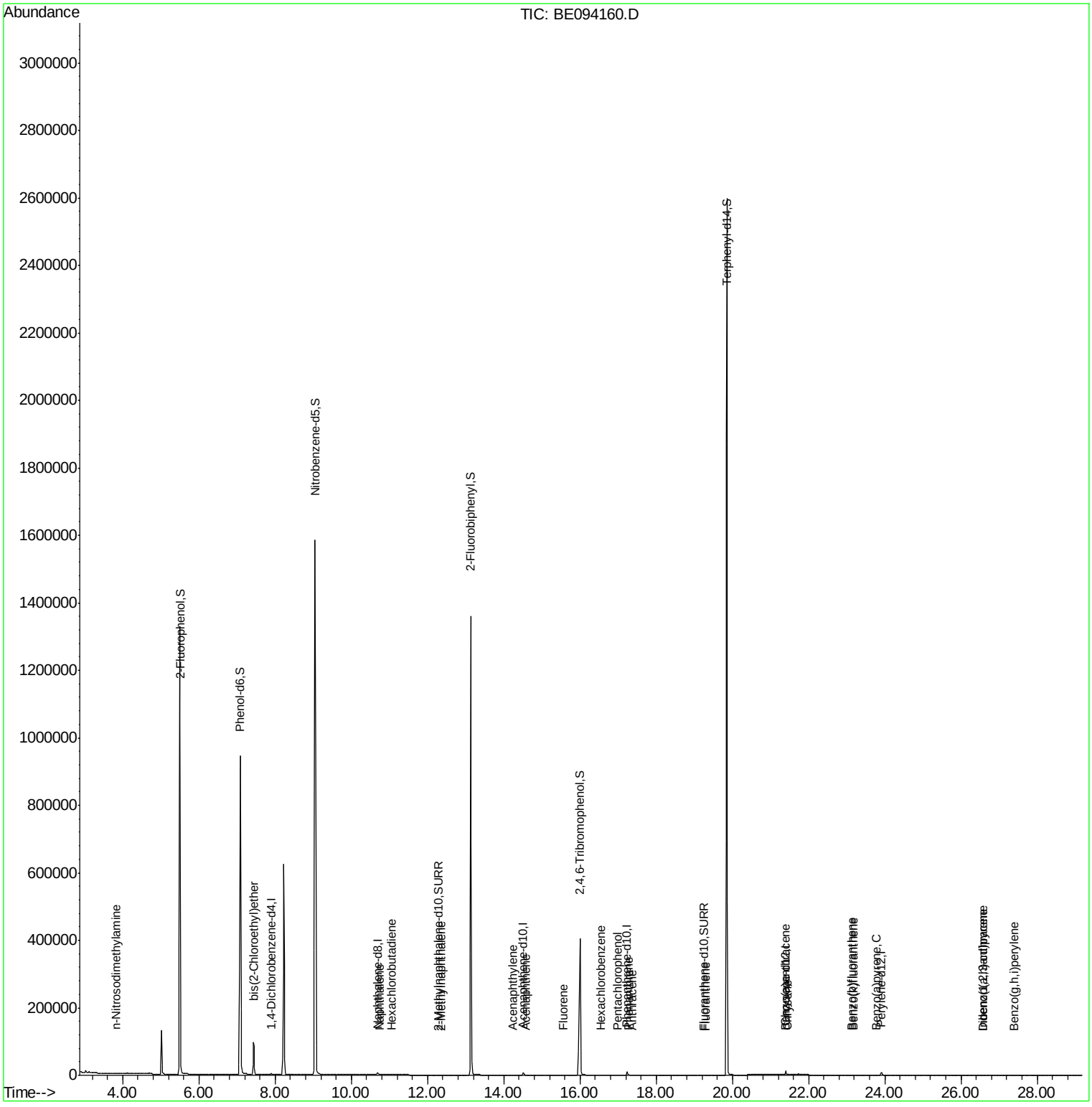
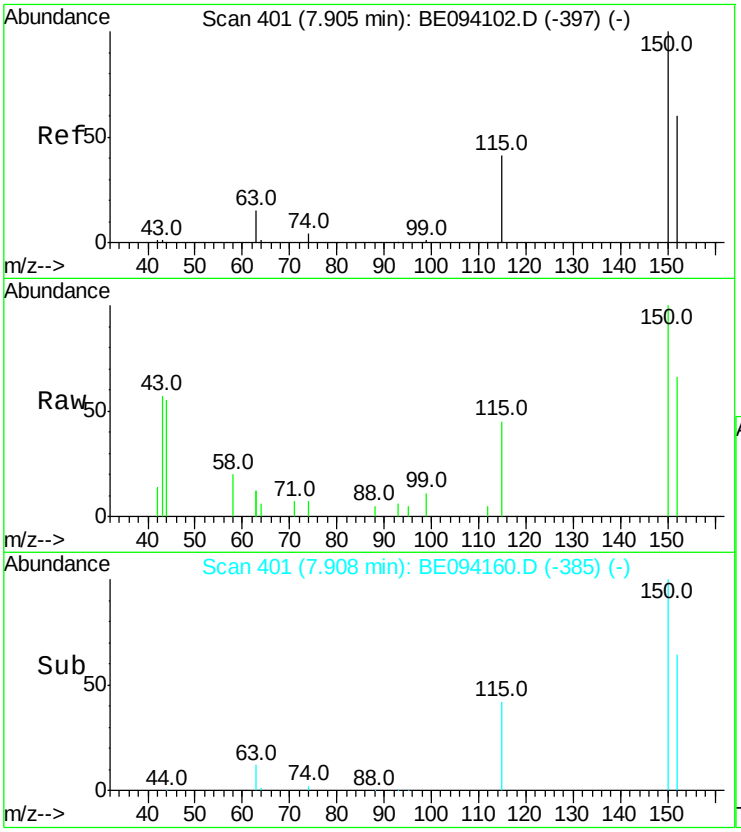
Acq On : 3 Oct 2017 18:35
Operator : SJ/JU
Sample : PB102812BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 04 06:51:56 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

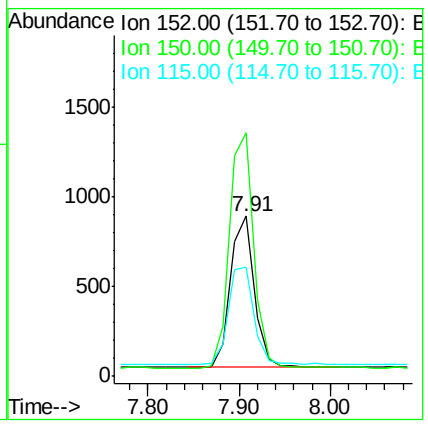


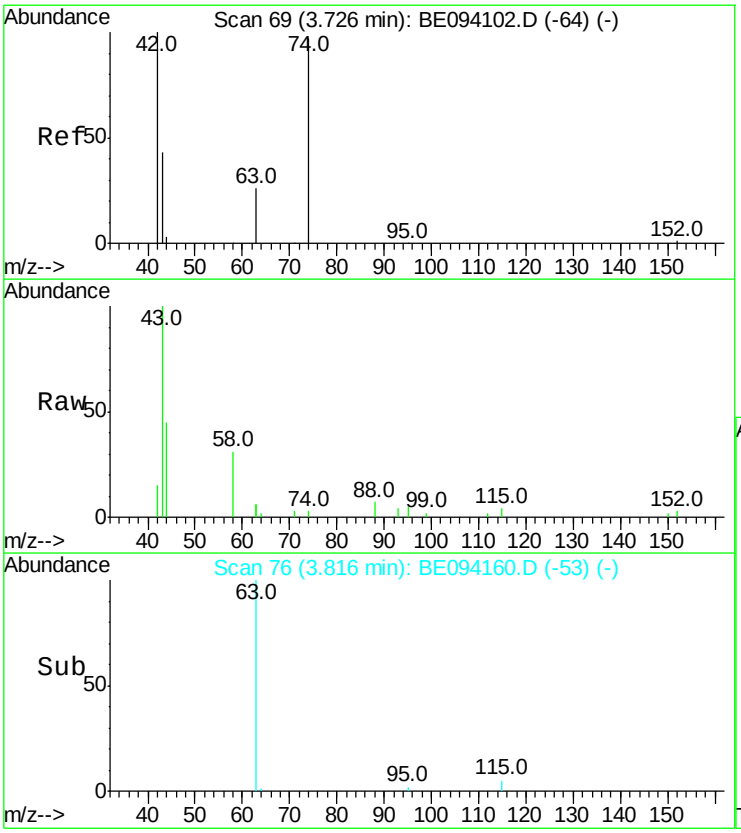


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:152 Resp: 1530

Ion	Ratio	Lower	Upper
152	100		
150	152.0	117.2	175.8
115	68.5	57.0	85.6

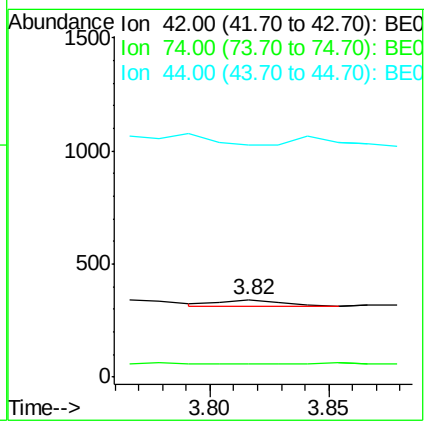


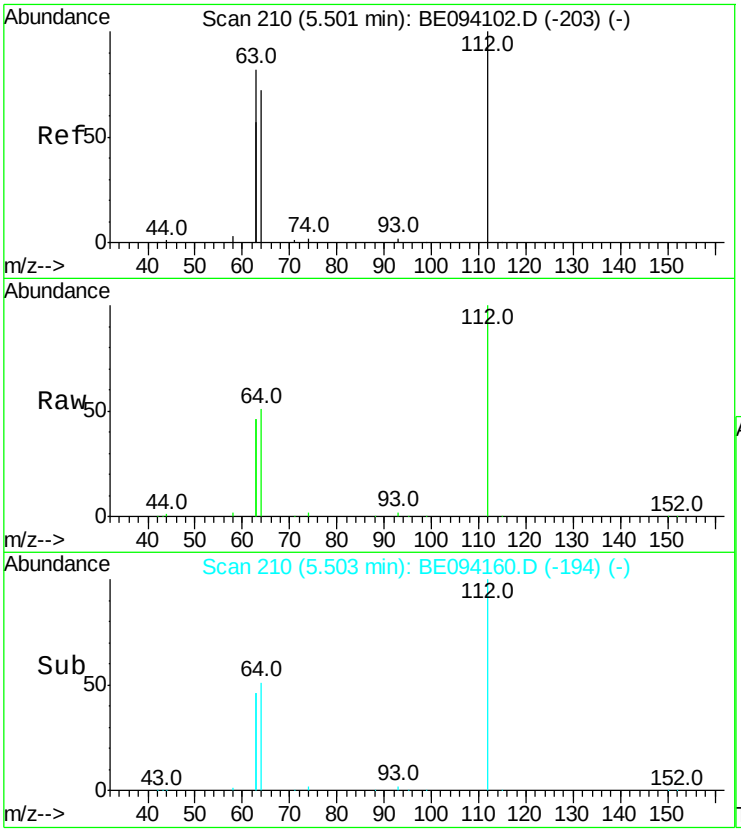


#3
n-Nitrosodimethylamine
Concen: 0.015 ng
RT: 3.82 min Scan# 76
Delta R.T. 0.09 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion: 42 Resp: 59

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

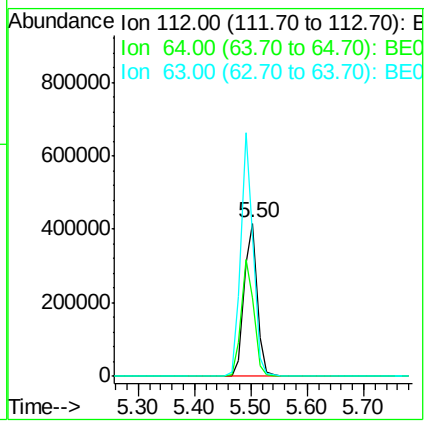


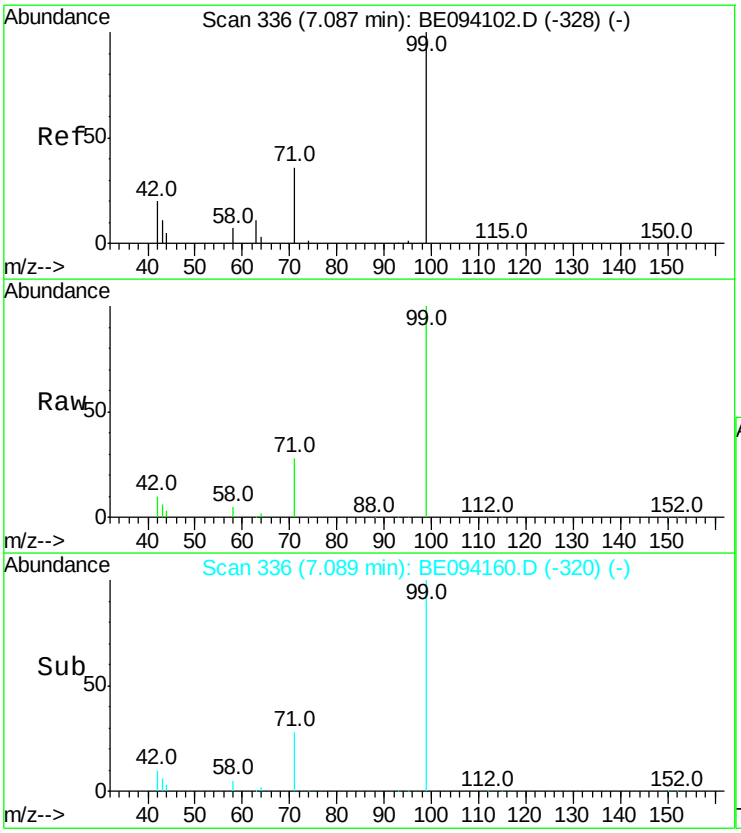


#4
2-Fluorophenol
Concen: 116.301 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:112 Resp: 674554

Ion	Ratio	Lower	Upper
112	100		
64	74.7	60.1	90.1
63	150.5	116.8	175.2

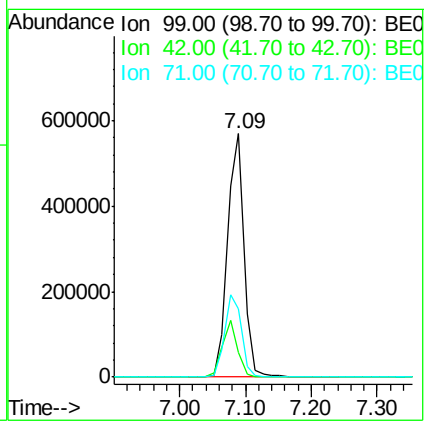


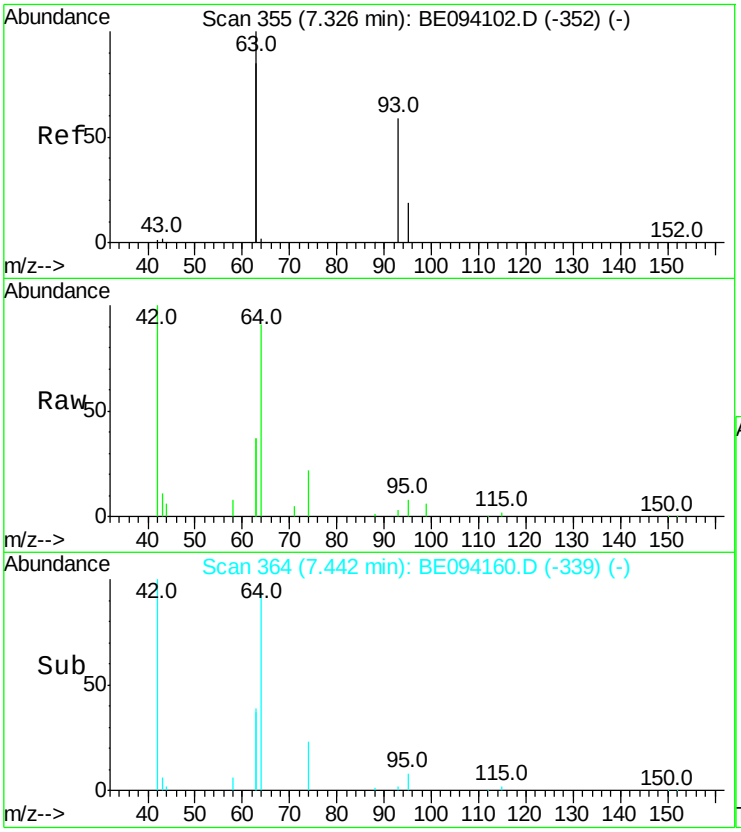


#5
Phenol-d6
Concen: 122.402 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion: 99 Resp: 986125

Ion	Ratio	Lower	Upper
99	100		
42	21.7	20.2	30.2
71	35.0	28.4	42.6

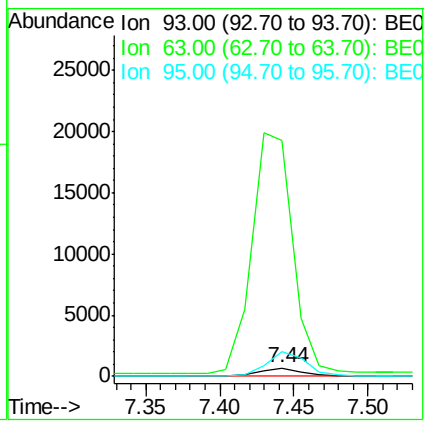


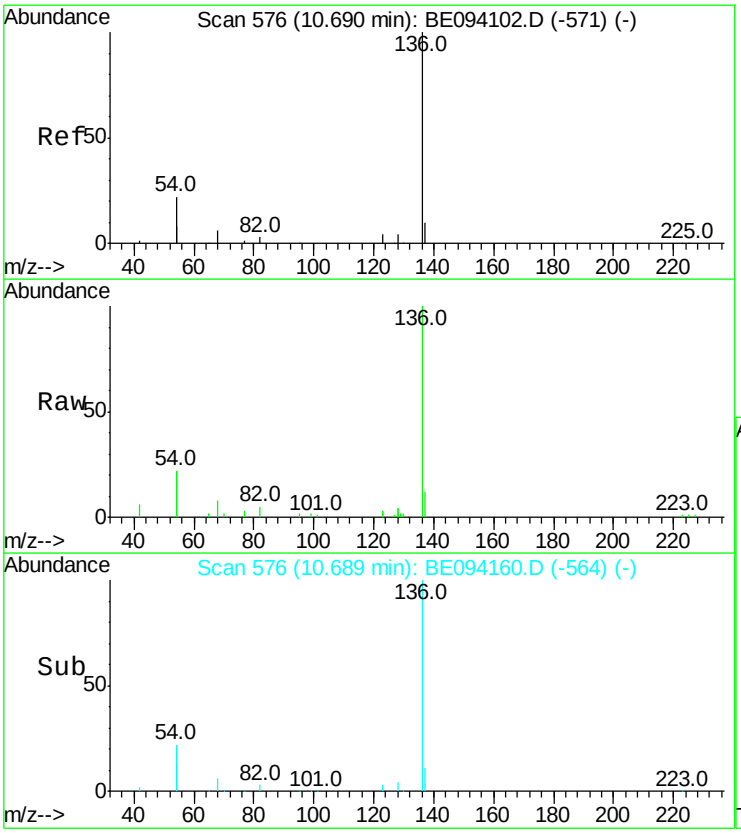


#6
bis(2-Chloroethyl)ether
Concen: 0.169 ng
RT: 7.44 min Scan# 364
Delta R.T. 0.12 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion: 93 Resp: 1056

Ion	Ratio	Lower	Upper
93	100		
63	3532.7	275.3	412.9#
95	320.3	25.2	37.8#

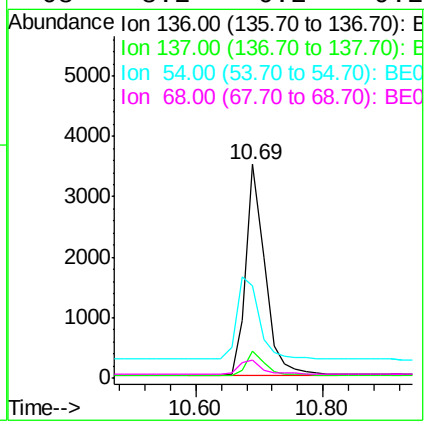


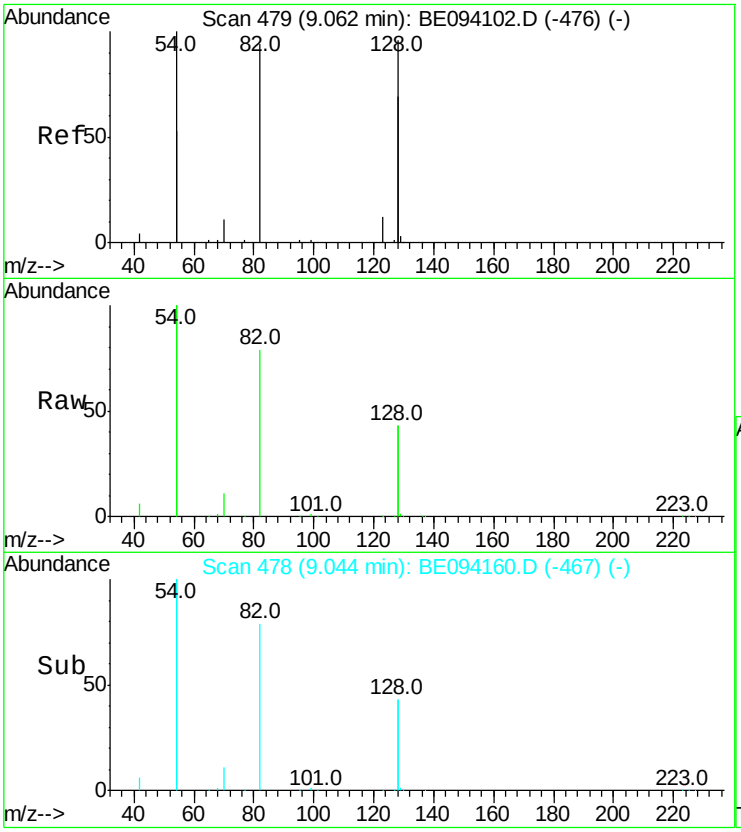


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:136 Resp: 7357

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	43.4	29.1	43.7
68	8.2	6.2	9.2

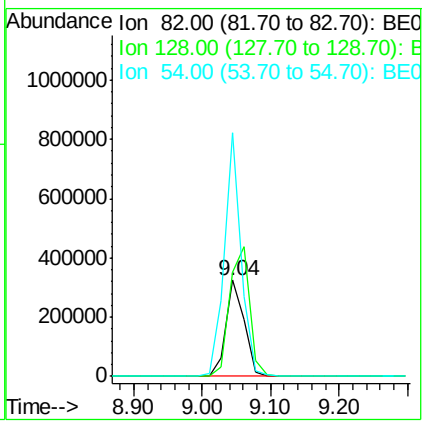


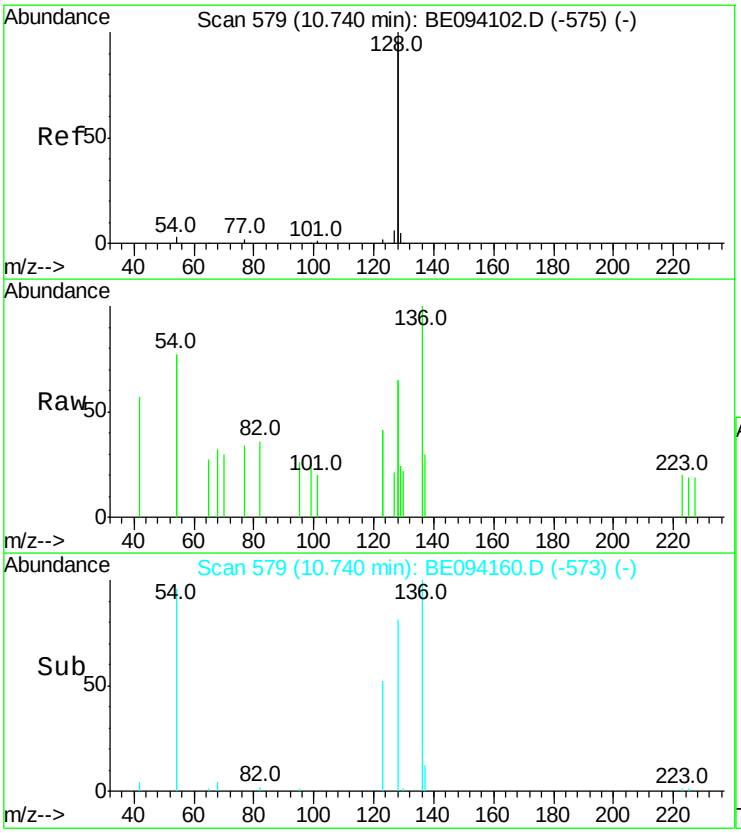


#8
Nitrobenzene-d5
Concen: 84.496 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion: 82 Resp: 601564

Ion	Ratio	Lower	Upper
82	100		
128	108.4	150.0	225.0#
54	253.2	154.2	231.4#

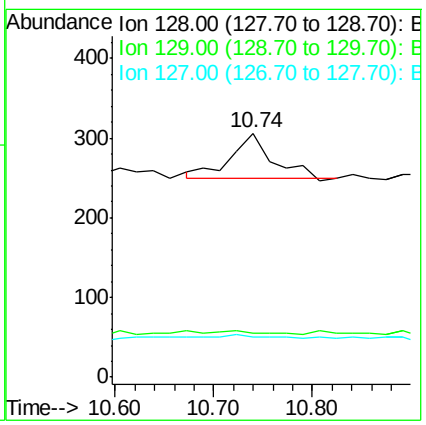


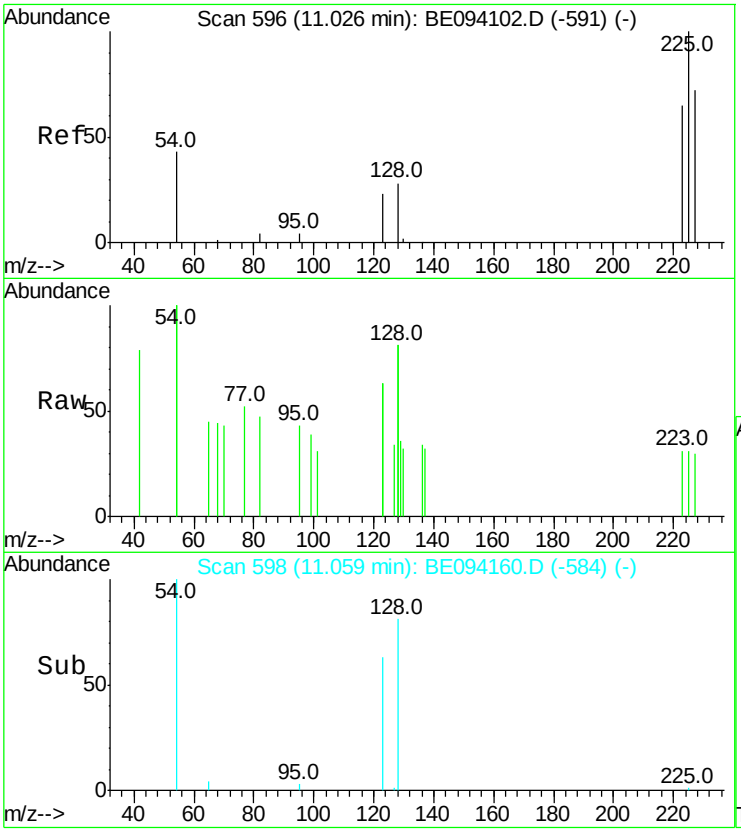


#9
Naphthalene
Concen: 0.002 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:128 Resp: 157

Ion	Ratio	Lower	Upper
128	100		
129	18.3	2.6	3.8#
127	16.3	2.8	4.2#

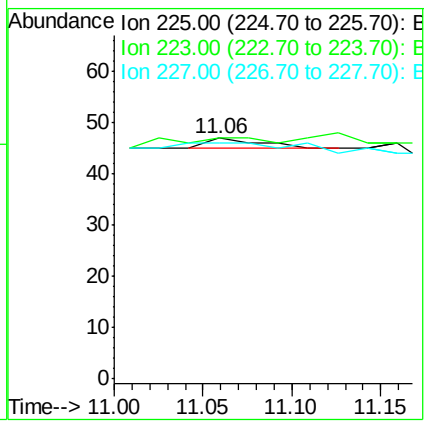


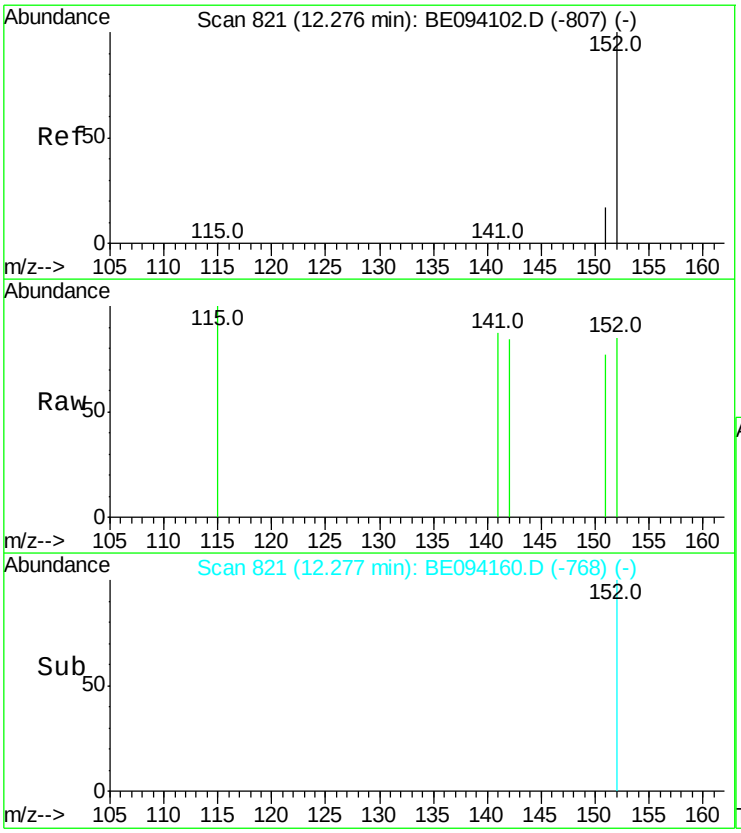


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.06 min Scan# 598
Delta R.T. 0.03 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:225 Resp: 4

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	250.0	51.4	77.2#

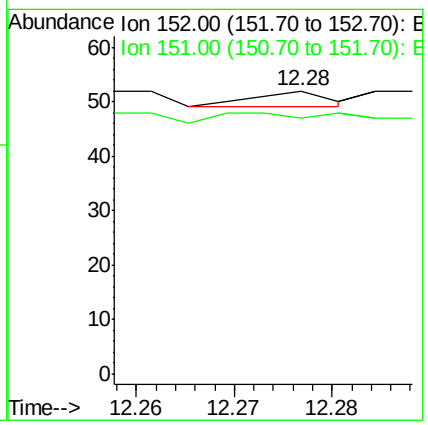


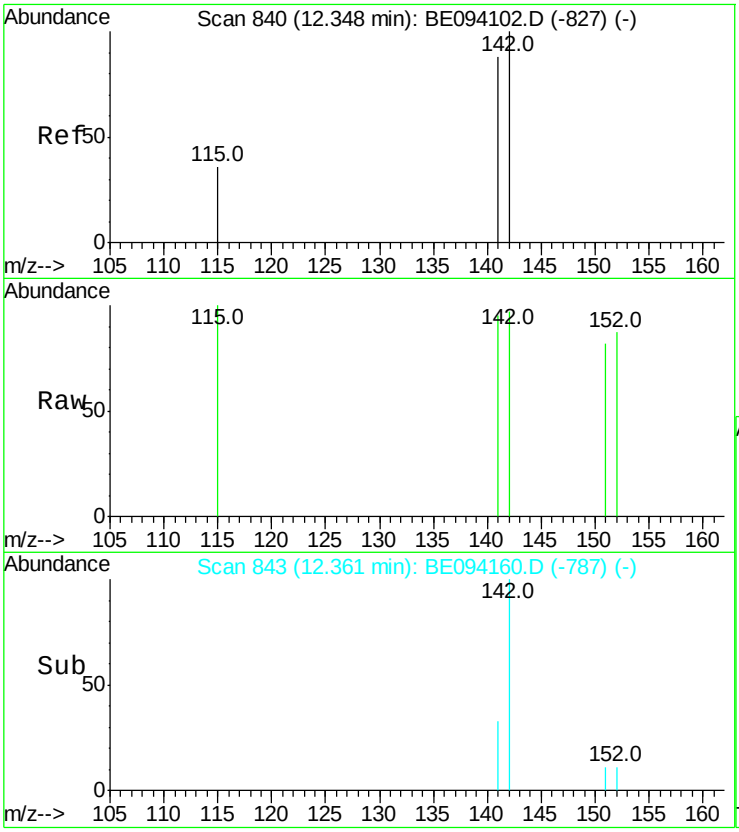


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.28 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:152 Resp: 2

Ion	Ratio	Lower	Upper
152	100		
151	100.0	15.4	23.0#

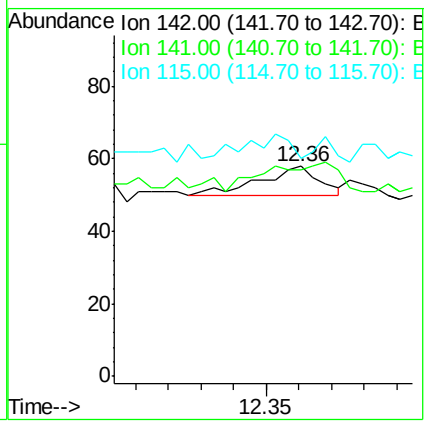


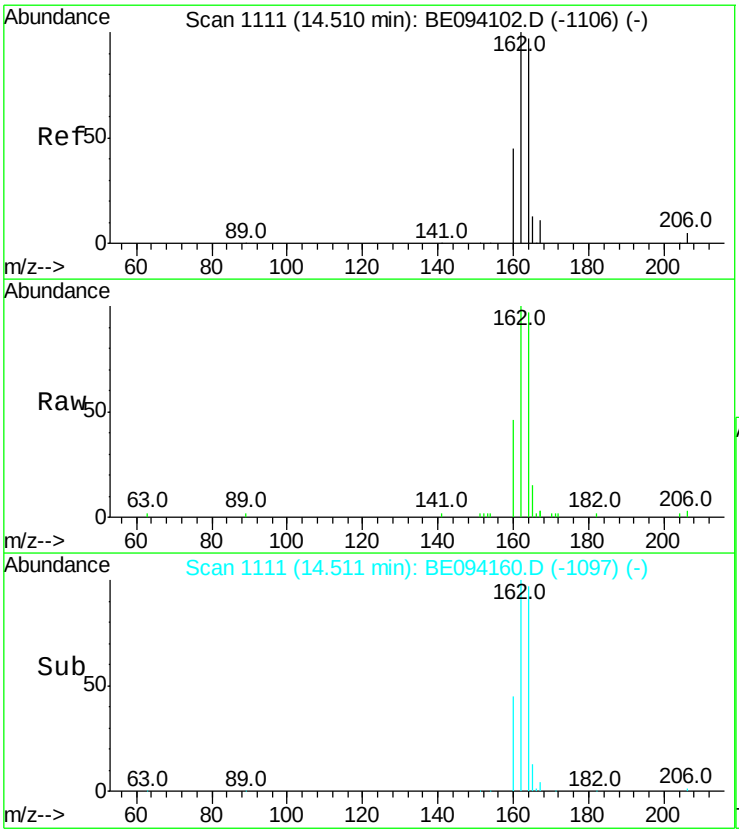


#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.36 min Scan# 843
Delta R.T. 0.01 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:142 Resp: 10

Ion	Ratio	Lower	Upper
142	100		
141	98.3	70.4	105.6
115	103.4	31.7	47.5#

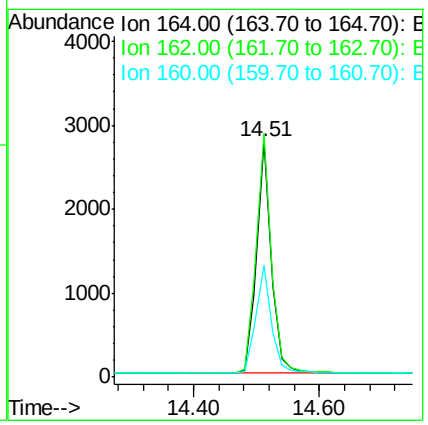


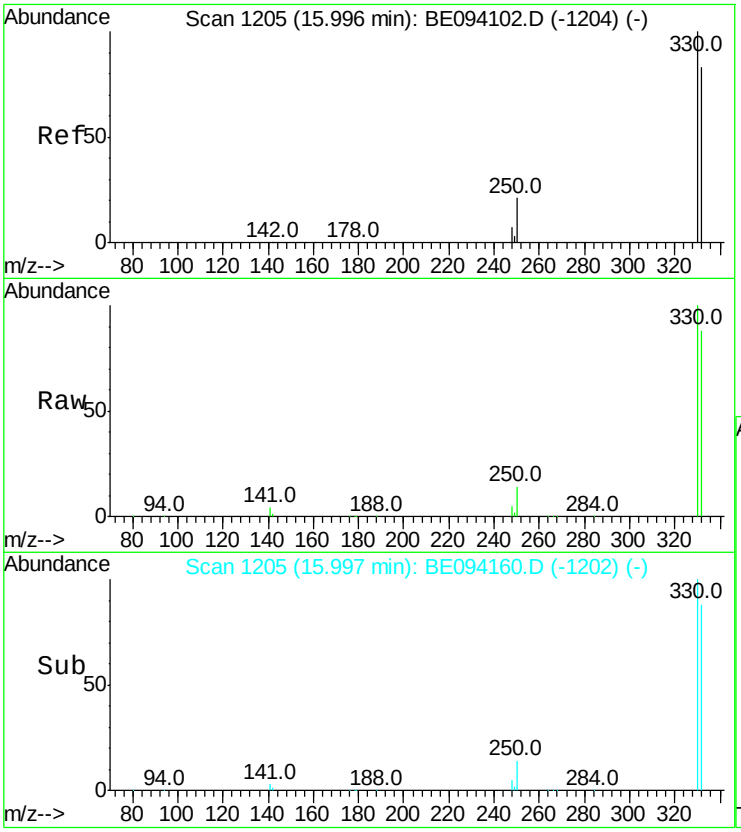


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:164 Resp: 4485

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.1	124.7
160	47.5	37.1	55.7

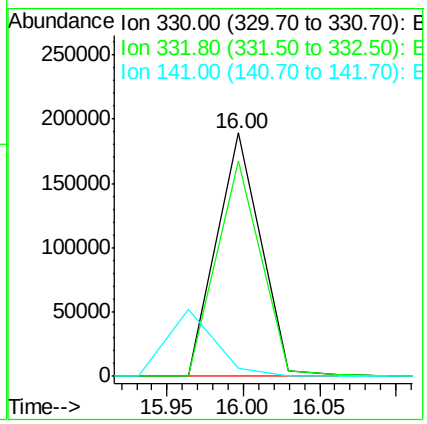


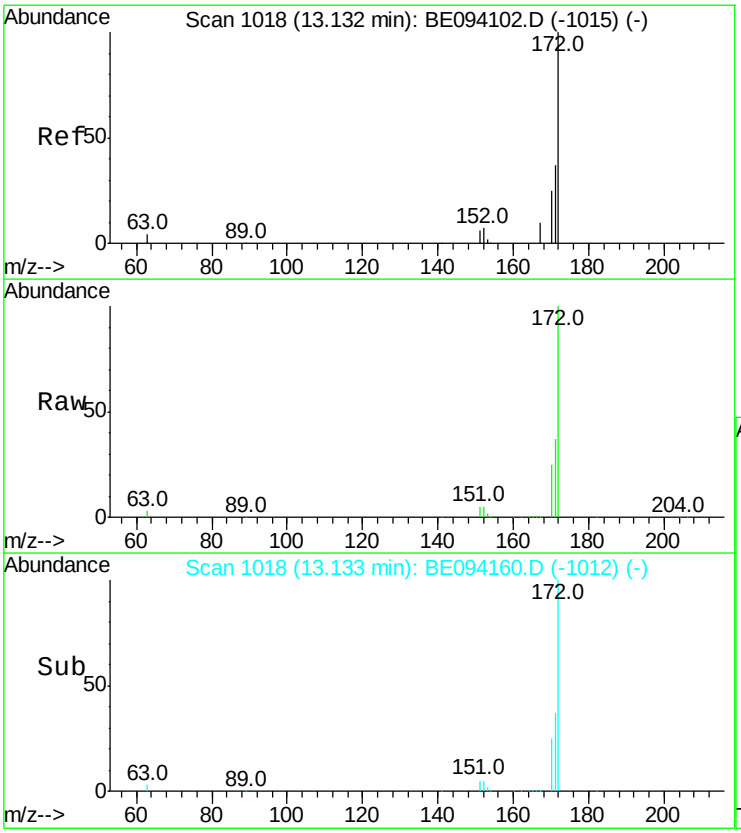


#14
2,4,6-Tribromophenol
Concen: 162.390 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:330 Resp: 377968

Ion	Ratio	Lower	Upper
330	100		
332	89.3	152.7	229.1#
141	0.0	33.7	50.5#

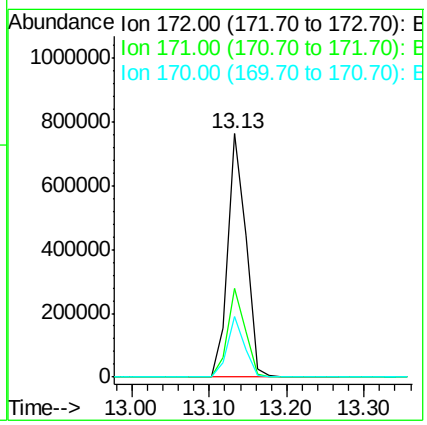


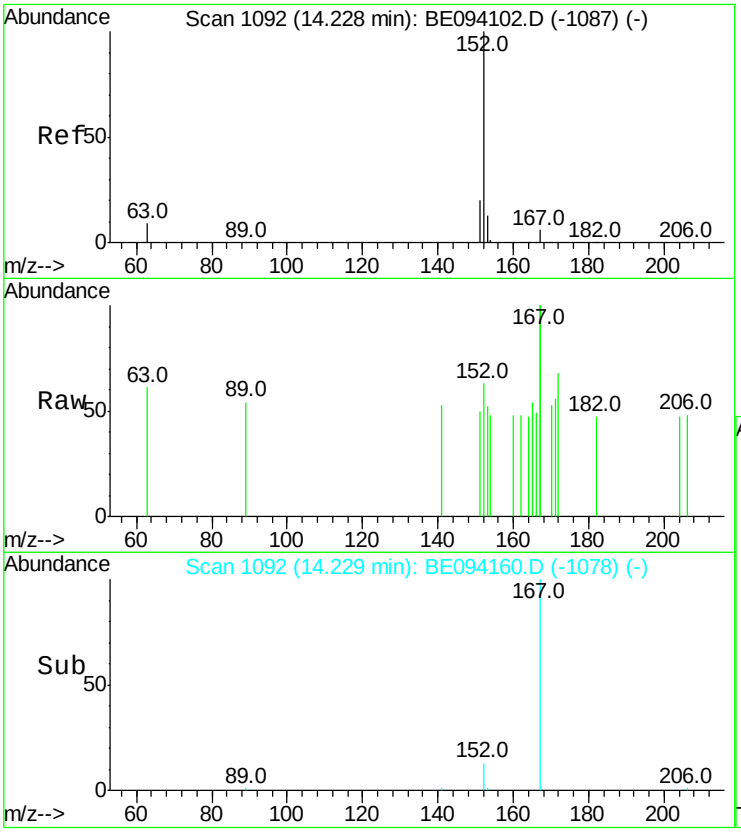


#15
2-Fluorobiphenyl
Concen: 83.980 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:172 Resp: 1244510

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	25.0	21.8	32.8

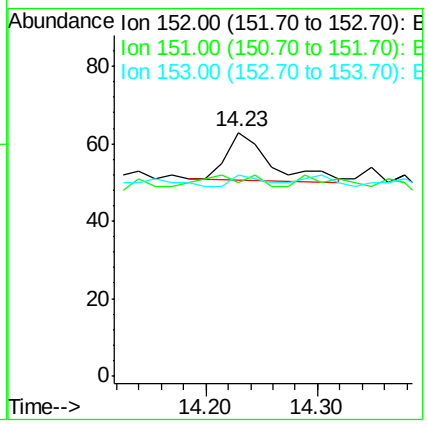


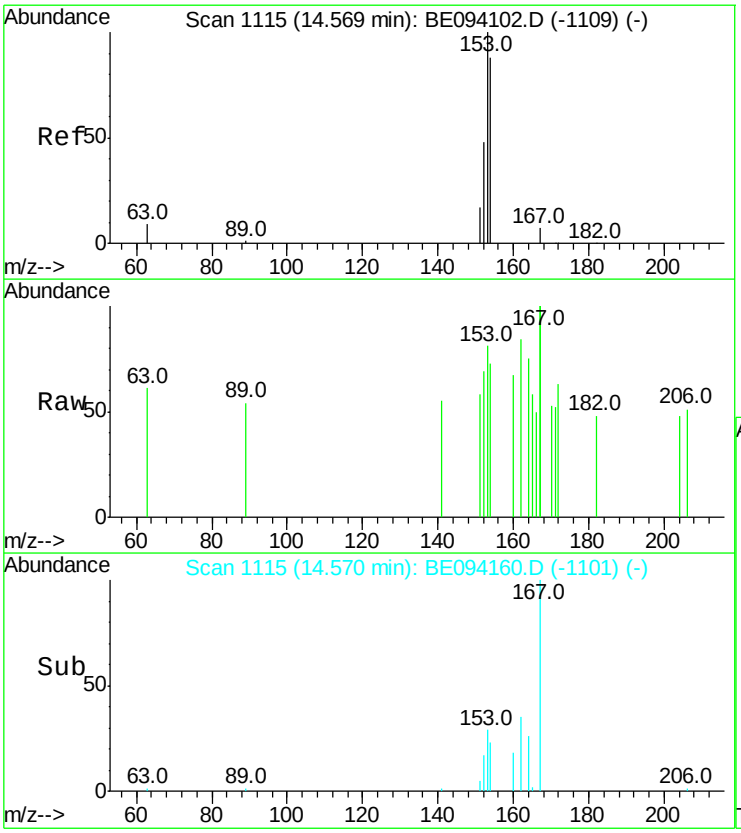


#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:152 Resp: 34

Ion	Ratio	Lower	Upper
152	100		
151	35.3	15.7	23.5#
153	14.7	10.5	15.7

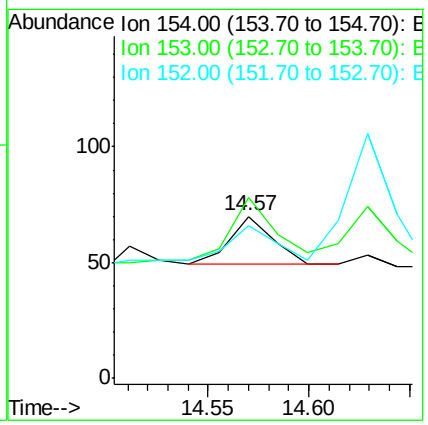


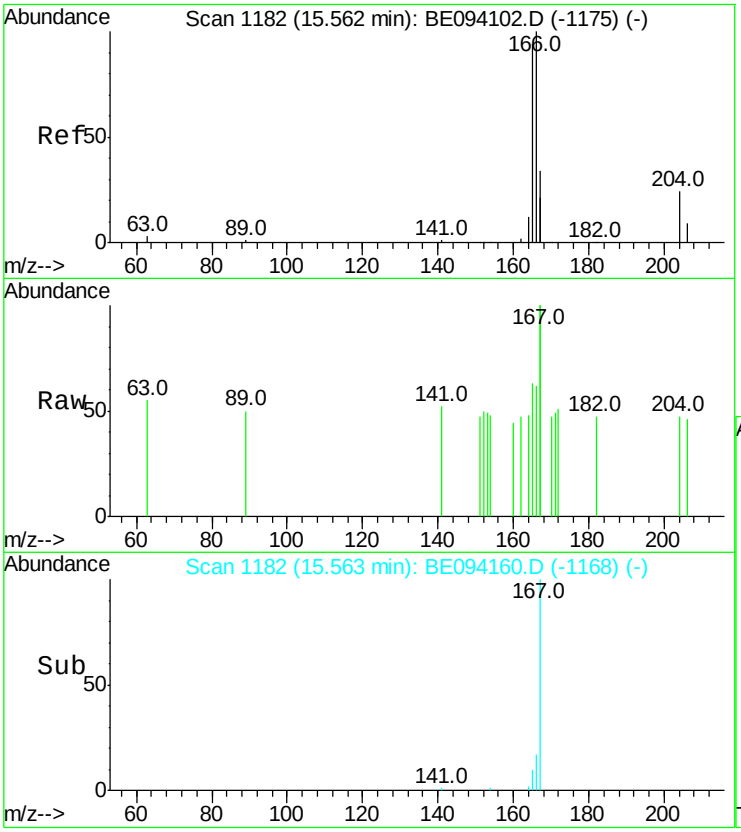


#17
Acenaphthene
Concen: 0.002 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:154 Resp: 31

Ion	Ratio	Lower	Upper
154	100		
153	158.1	89.2	133.8#
152	106.5	42.0	63.0#

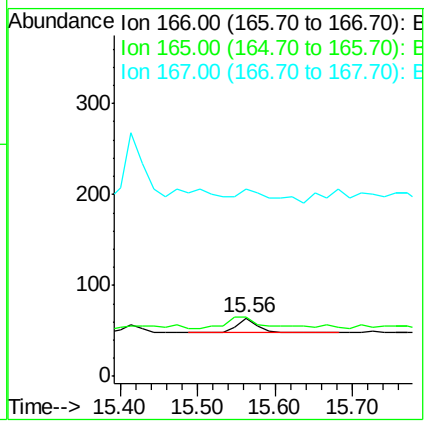


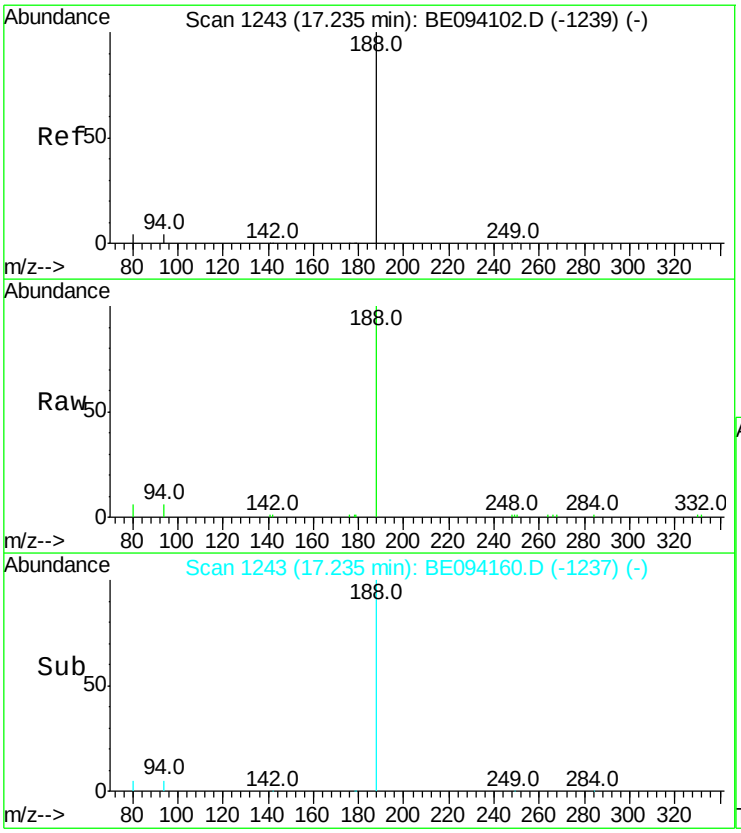


#18
Fluorene
Concen: 0.002 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:166 Resp: 33

Ion	Ratio	Lower	Upper
166	100		
165	106.1	77.8	116.6
167	130.3	42.4	63.6#

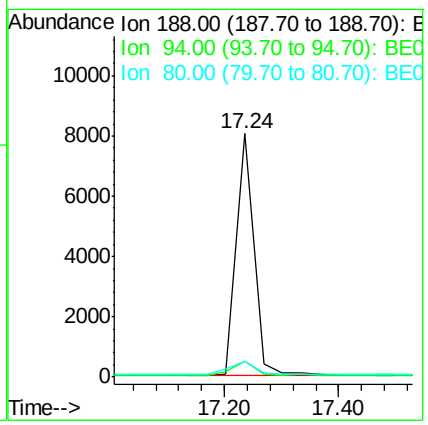


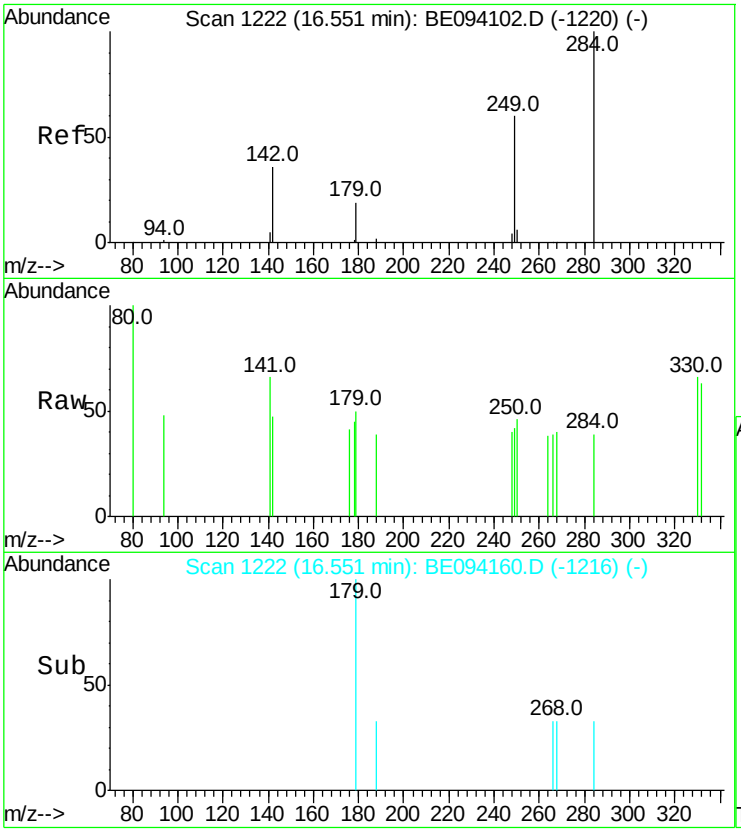


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:188 Resp: 17054

Ion	Ratio	Lower	Upper
188	100		
94	6.3	3.9	5.9#
80	6.4	3.6	5.4#

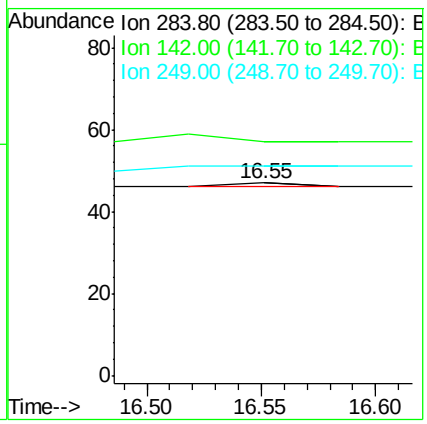


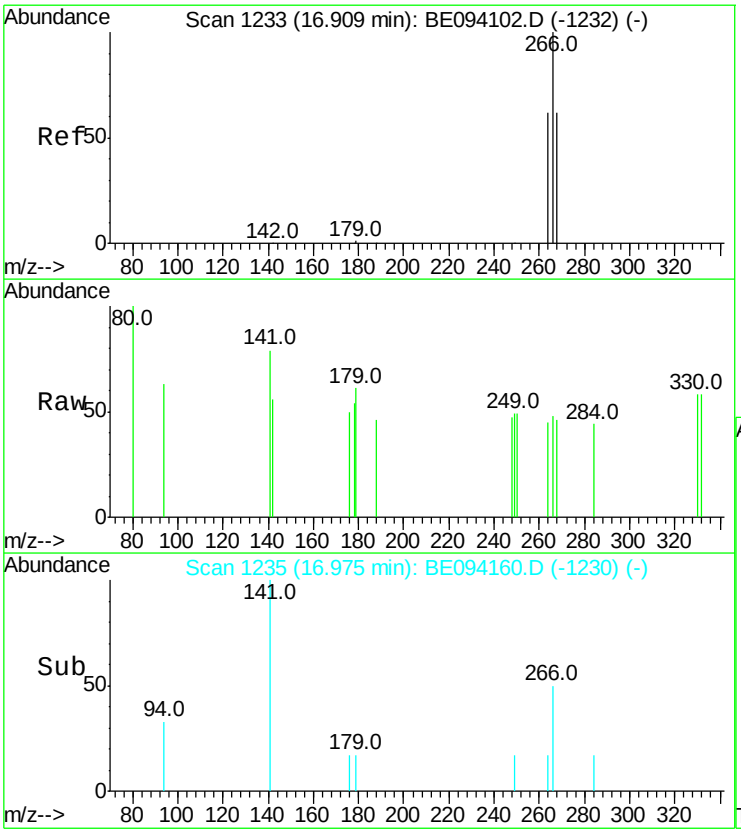


#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:284 Resp: 2

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

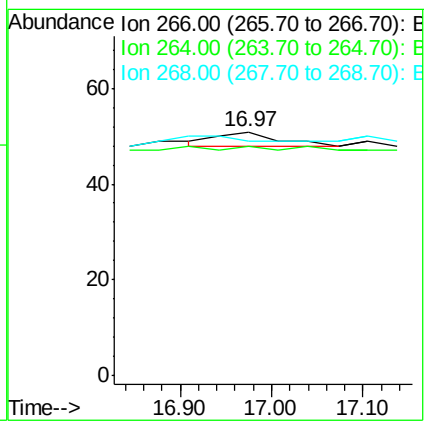


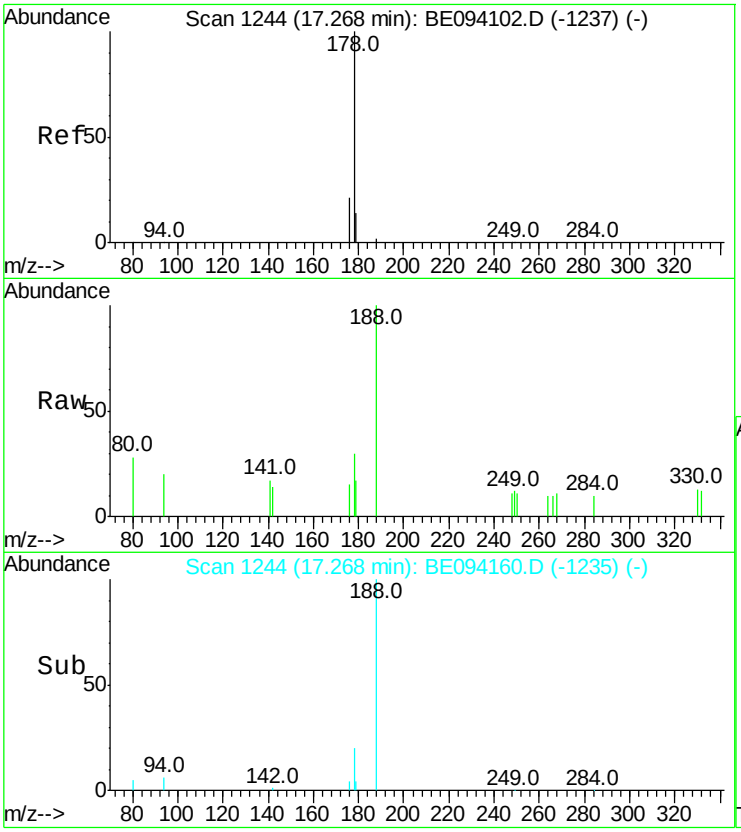


#22
Pentachlorophenol
Concen: 0.003 ng
RT: 16.97 min Scan# 1235
Delta R.T. 0.07 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	94.1	72.5	108.7
268	96.1	73.8	110.6

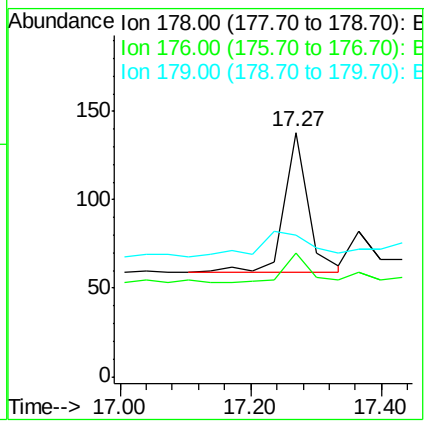


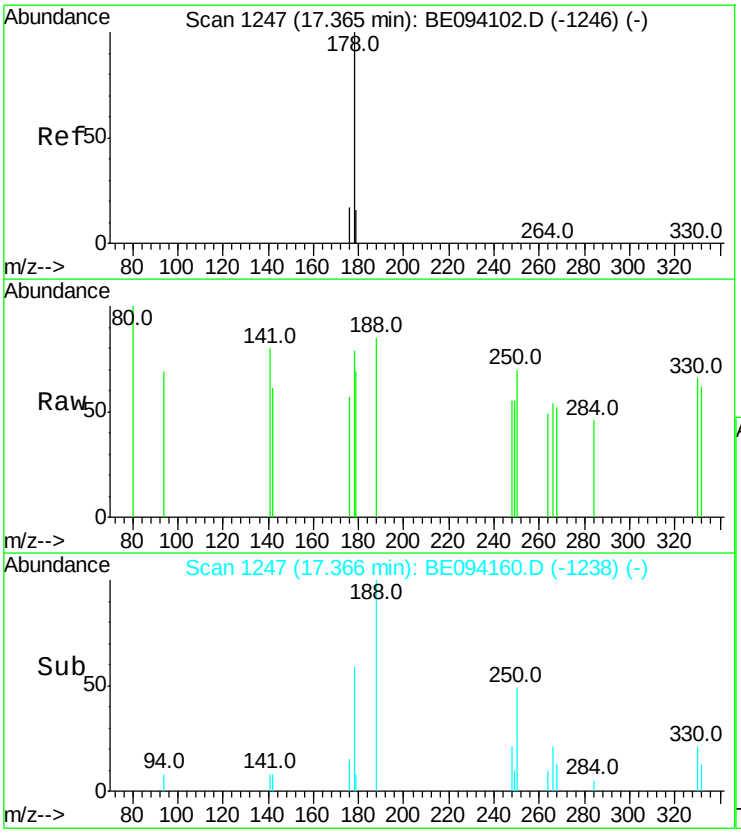


#23
Phenanthrene
Concen: 0.005 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:178 Resp: 205

Ion	Ratio	Lower	Upper
178	100		
176	23.9	15.1	22.7#
179	0.0	11.8	17.6#

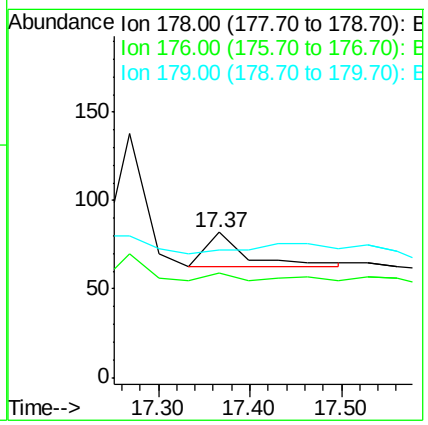


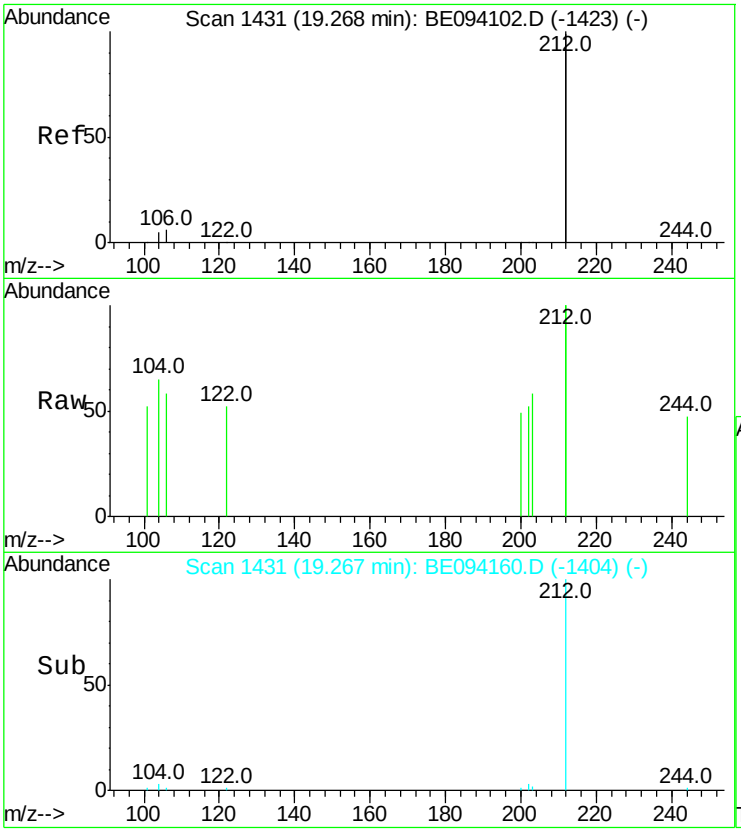


#24
Anthracene
Concen: 0.001 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:178 Resp: 57

Ion	Ratio	Lower	Upper
178	100		
176	17.5	12.8	19.2
179	0.0	13.0	19.6#

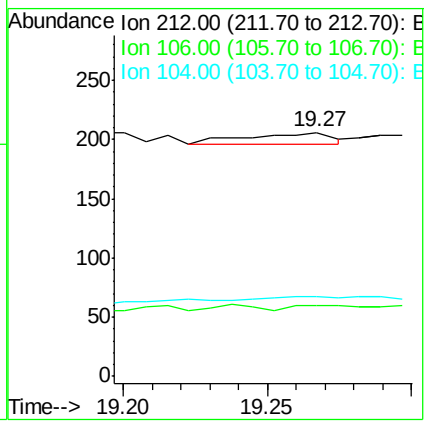


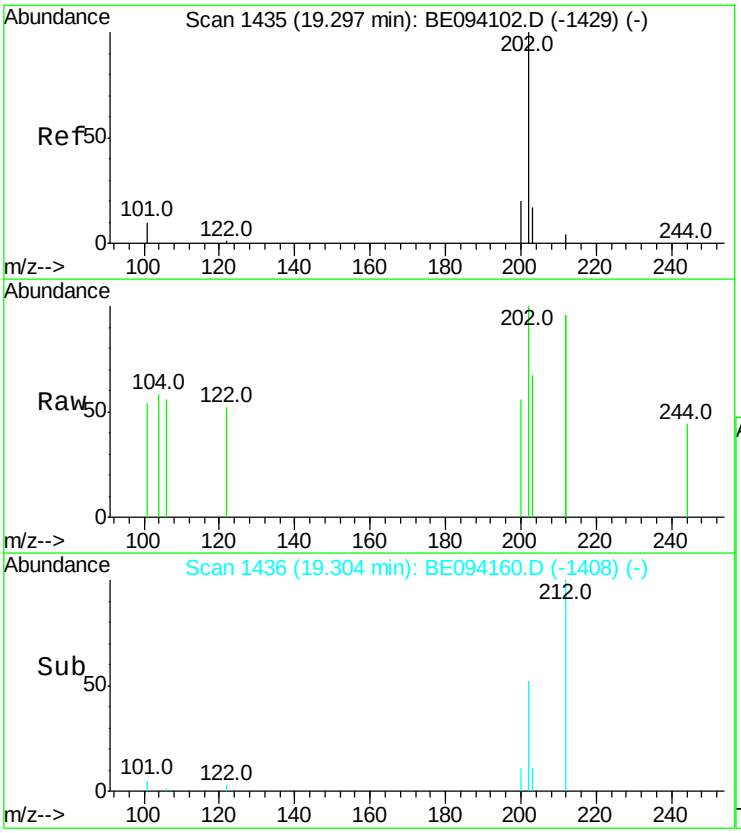


#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:212 Resp: 21

Ion	Ratio	Lower	Upper
212	100		
106	33.3	2.8	4.2#
104	23.8	1.6	2.4#

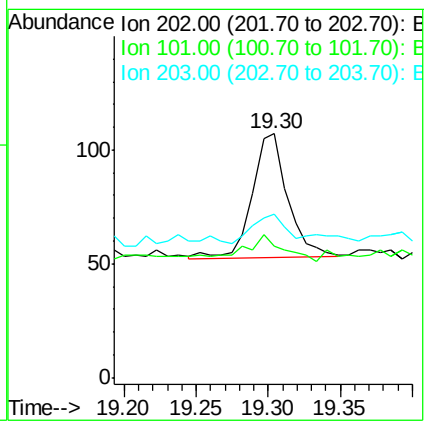


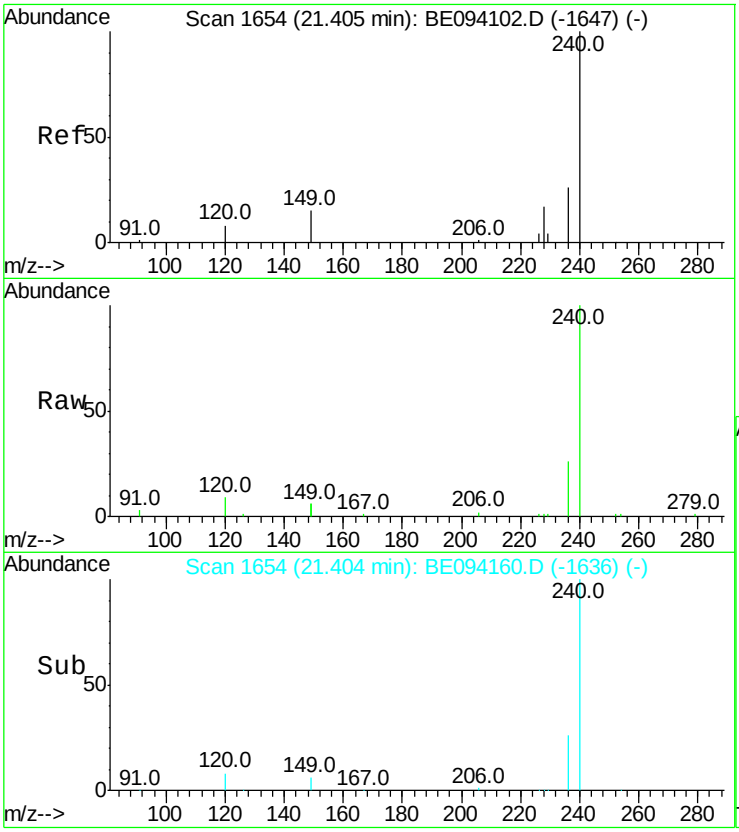


#26
Fluoranthene
Concen: 0.002 ng
RT: 19.30 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:202 Resp: 95

Ion	Ratio	Lower	Upper
202	100		
101	25.3	9.8	14.8#
203	22.1	13.7	20.5#

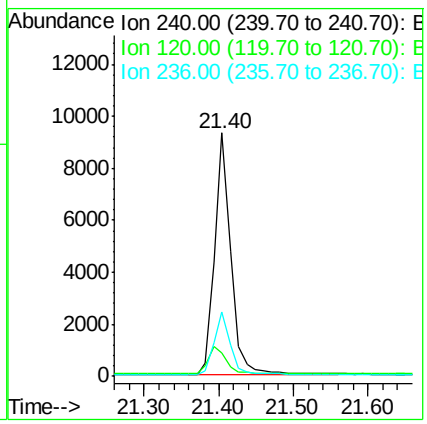


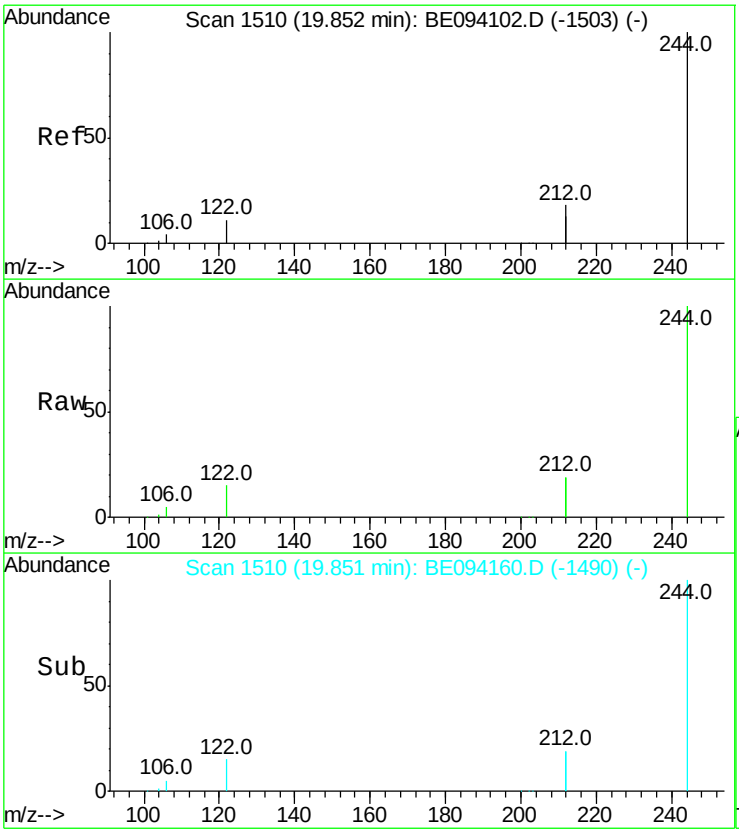


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:240 Resp: 14023

Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.5	8.3#
236	26.4	20.7	31.1

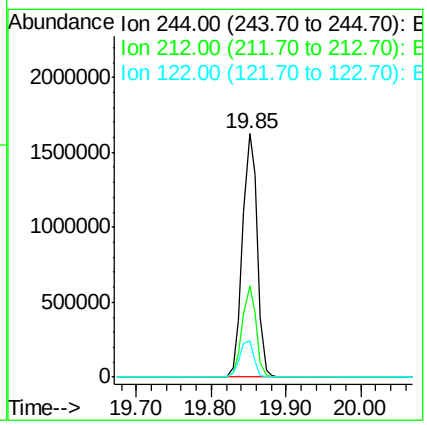


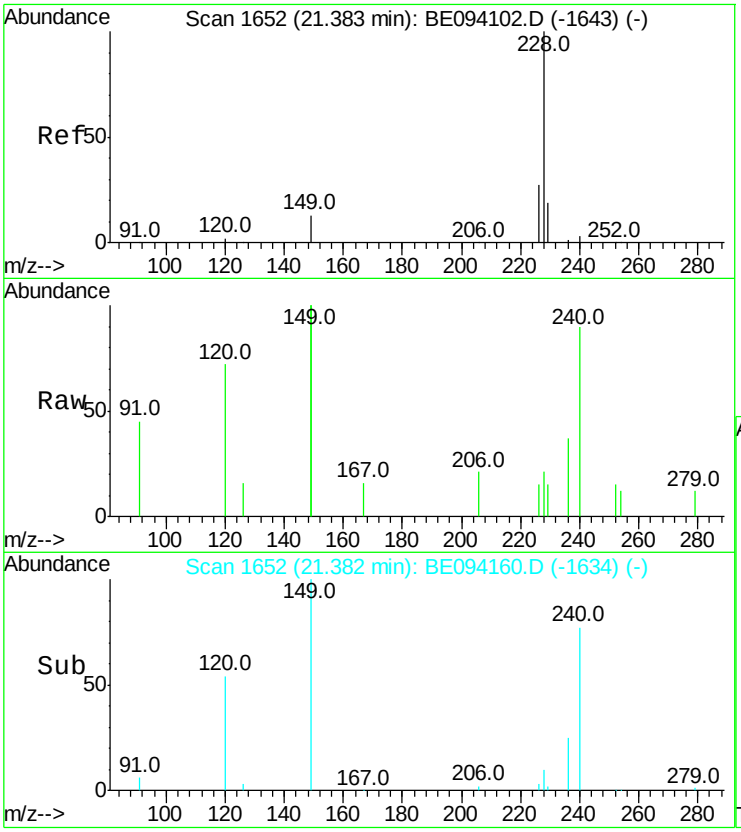


#29
Terphenyl-d14
Concen: 86.696 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:244 Resp: 2218097

Ion	Ratio	Lower	Upper
244	100		
212	37.3	25.4	38.0
122	15.0	8.1	12.1#

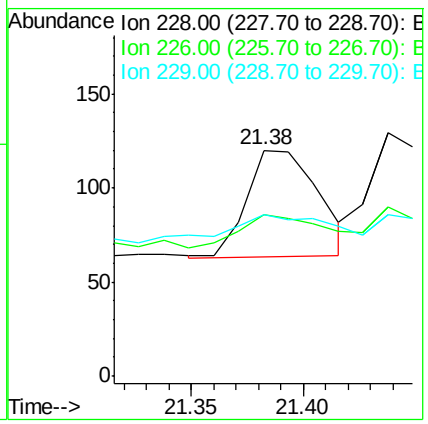


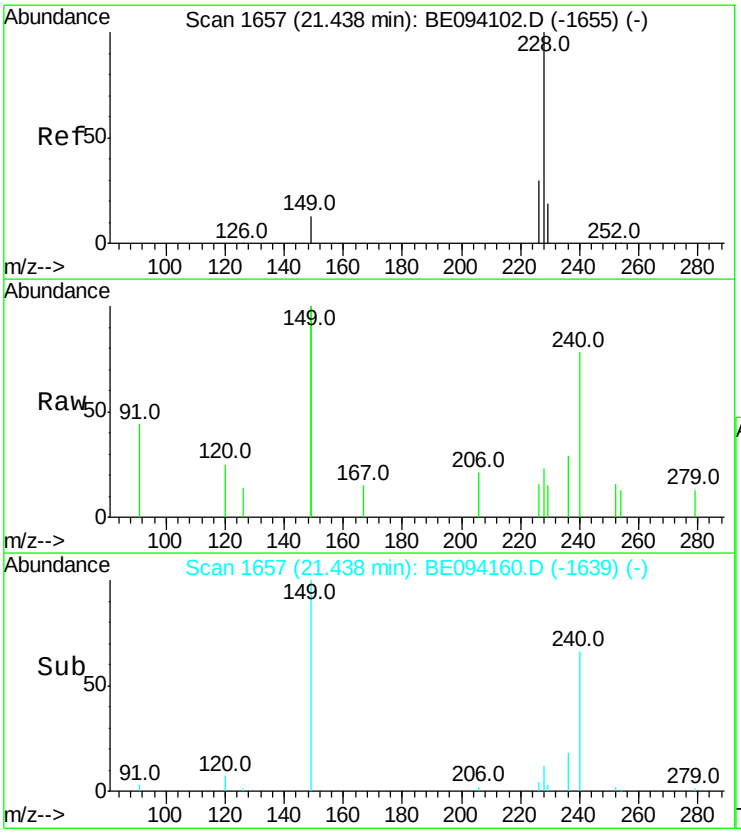


#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:228 Resp: 126

Ion	Ratio	Lower	Upper
228	100		
226	71.7	21.4	32.0#
229	71.7	16.4	24.6#

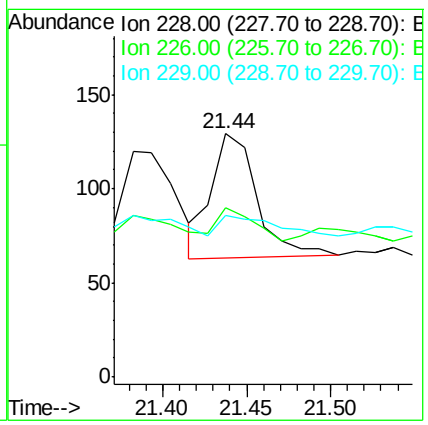


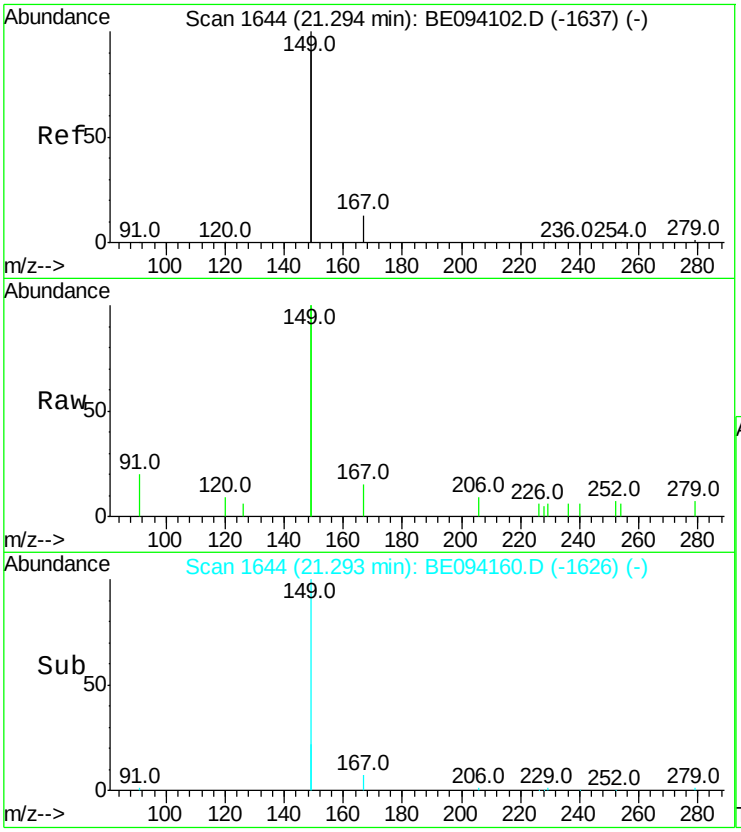


#31
Chrysene
Concen: 0.003 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:228 Resp: 122

Ion	Ratio	Lower	Upper
228	100		
226	69.8	23.6	35.4#
229	66.7	16.4	24.6#

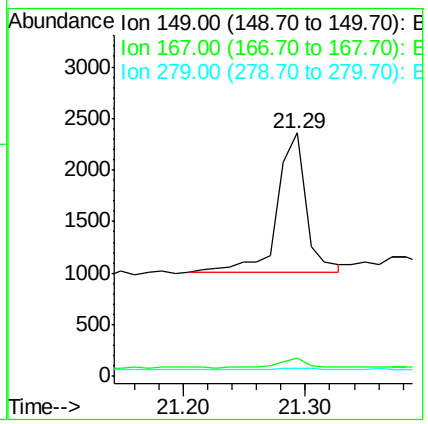


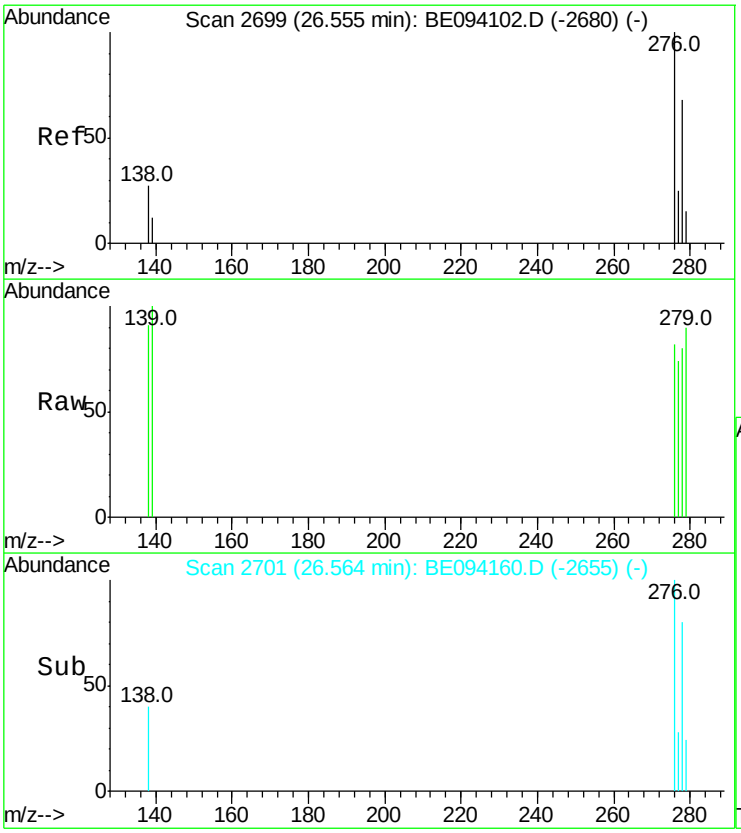


#32
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:149 Resp: 2235

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.8	0.7	1.1#

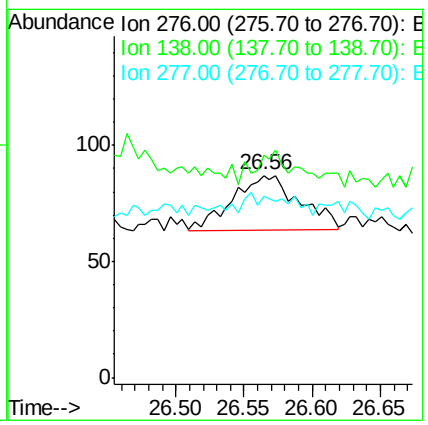


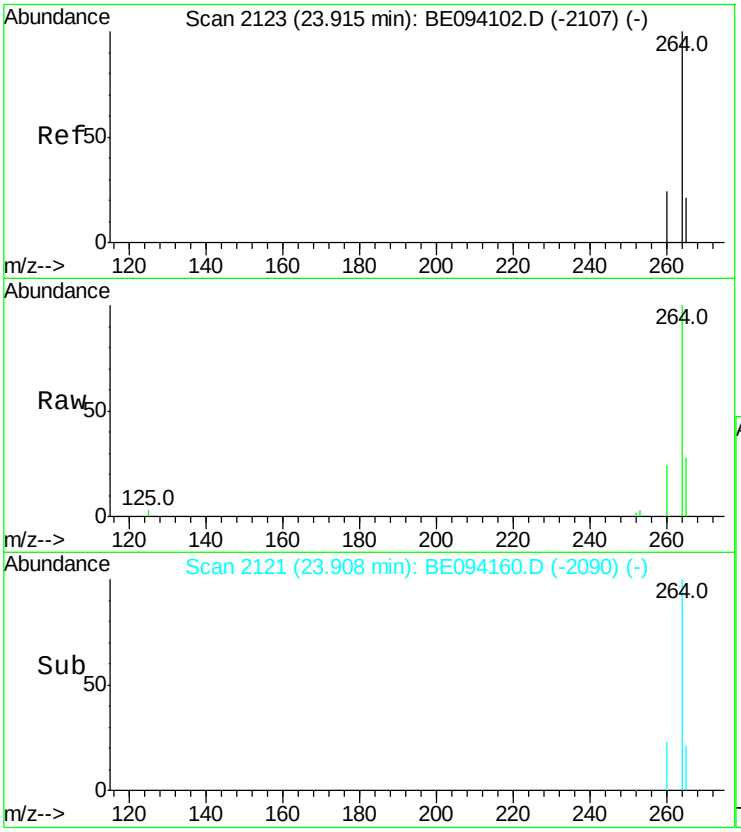


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 26.56 min Scan# 2701
Delta R.T. 0.01 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:276 Resp: 80

Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.5	33.7
277	6.3	19.9	29.9#

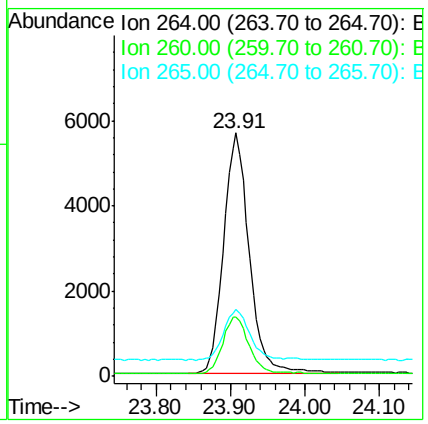


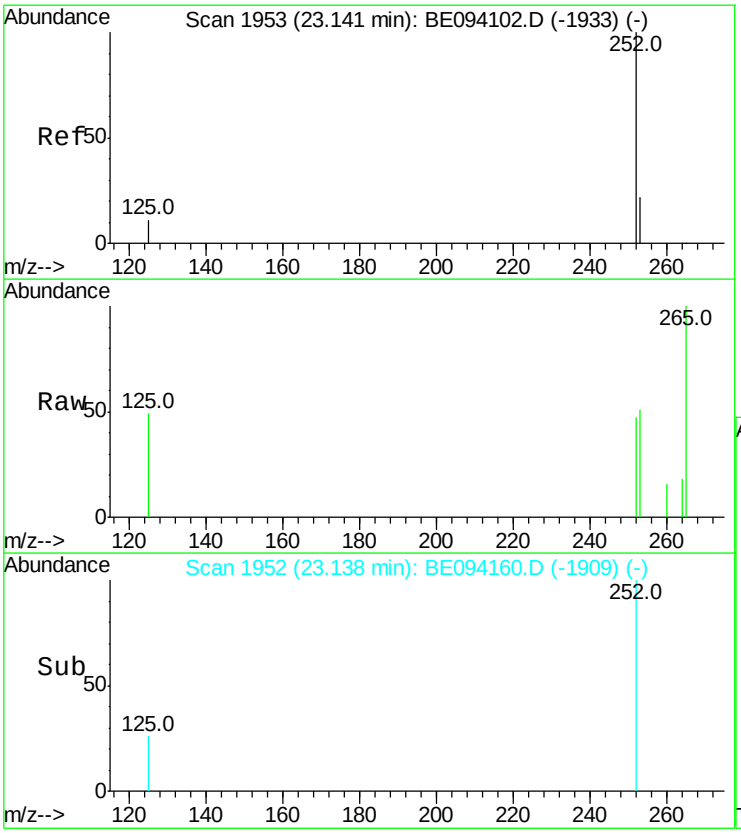


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:264 Resp: 13410

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.5	30.7
265	27.6	22.8	34.2

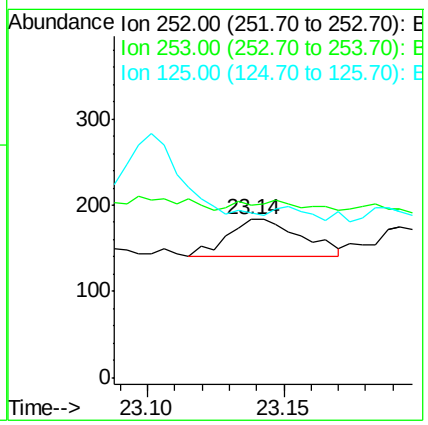


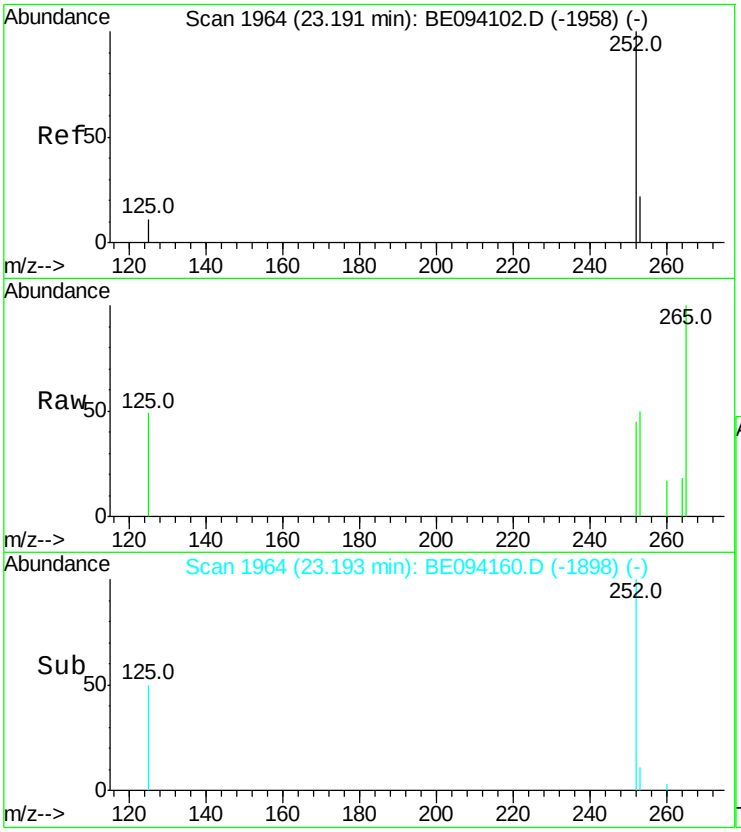


#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:252 Resp: 81

Ion	Ratio	Lower	Upper
252	100		
253	109.3	18.2	27.2#
125	104.4	10.1	15.1#

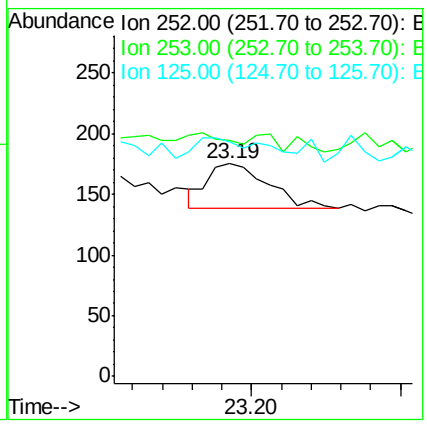


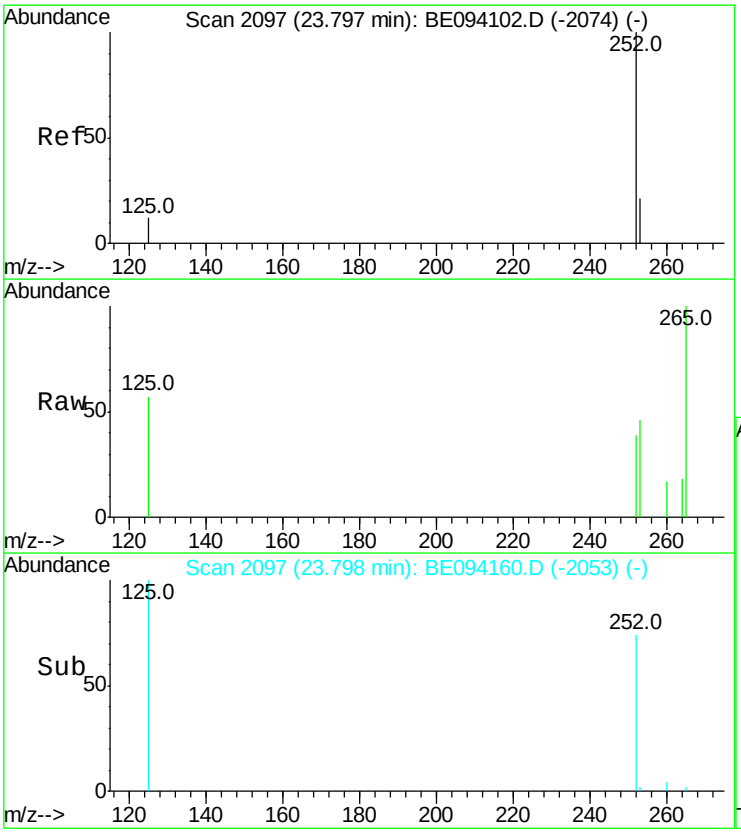


#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.19 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:252 Resp: 51

Ion	Ratio	Lower	Upper
252	100		
253	111.4	18.6	27.8#
125	110.3	10.7	16.1#

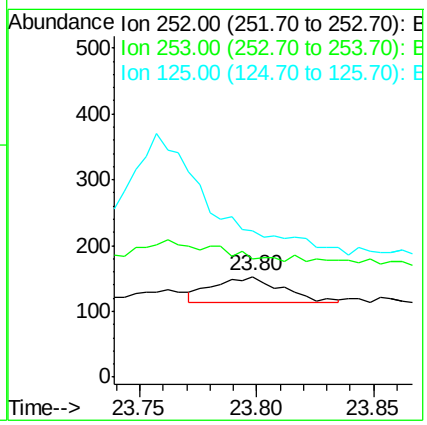


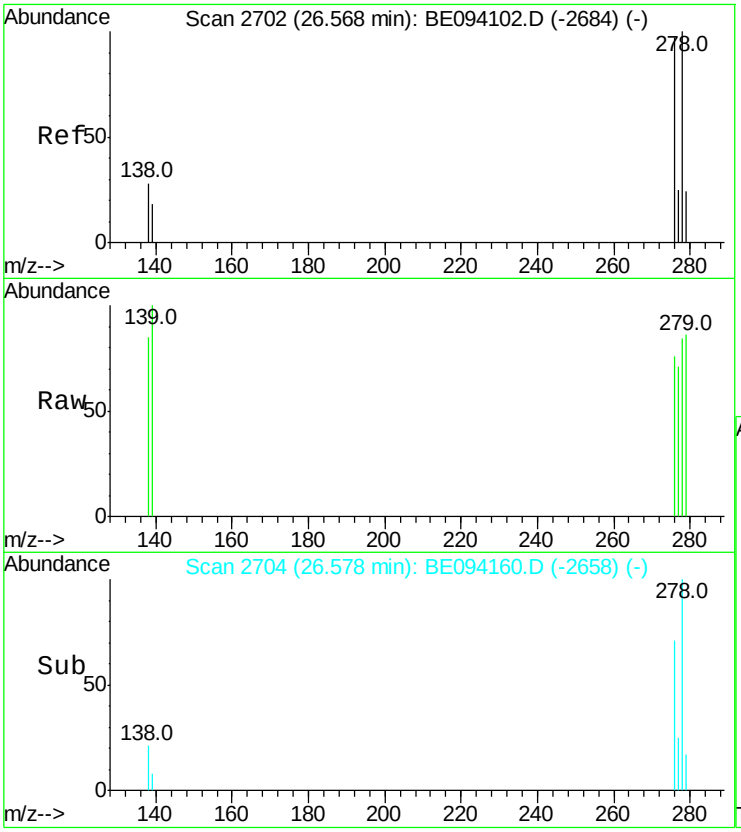


#37
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:252 Resp: 77

Ion	Ratio	Lower	Upper
252	100		
253	117.0	19.0	28.6#
125	145.8	11.8	17.8#

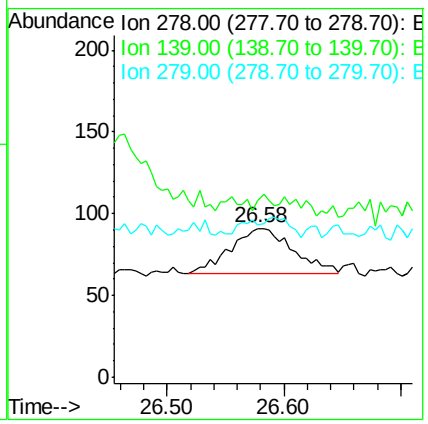


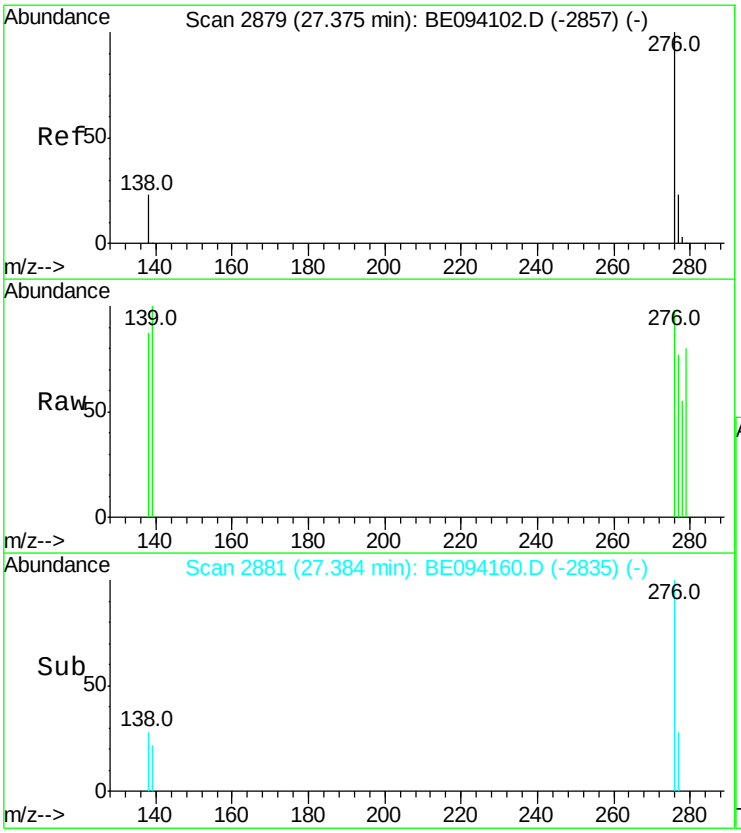


#38
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 26.58 min Scan# 2704
Delta R.T. 0.01 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:278 Resp: 106

Ion	Ratio	Lower	Upper
278	100		
139	118.7	16.3	24.5#
279	102.2	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.005 ng
RT: 27.38 min Scan# 2881
Delta R.T. 0.01 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:276 Resp: 189

Ion	Ratio	Lower	Upper
276	100		
277	78.0	20.8	31.2#
138	89.0	21.5	32.3#