Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE011018\
Data File : BE095065.D
Acq On : 10 Jan 2018 10:11
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 10 13:02:57 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 10 13:00:41 2018
Response via : Initial Calibration

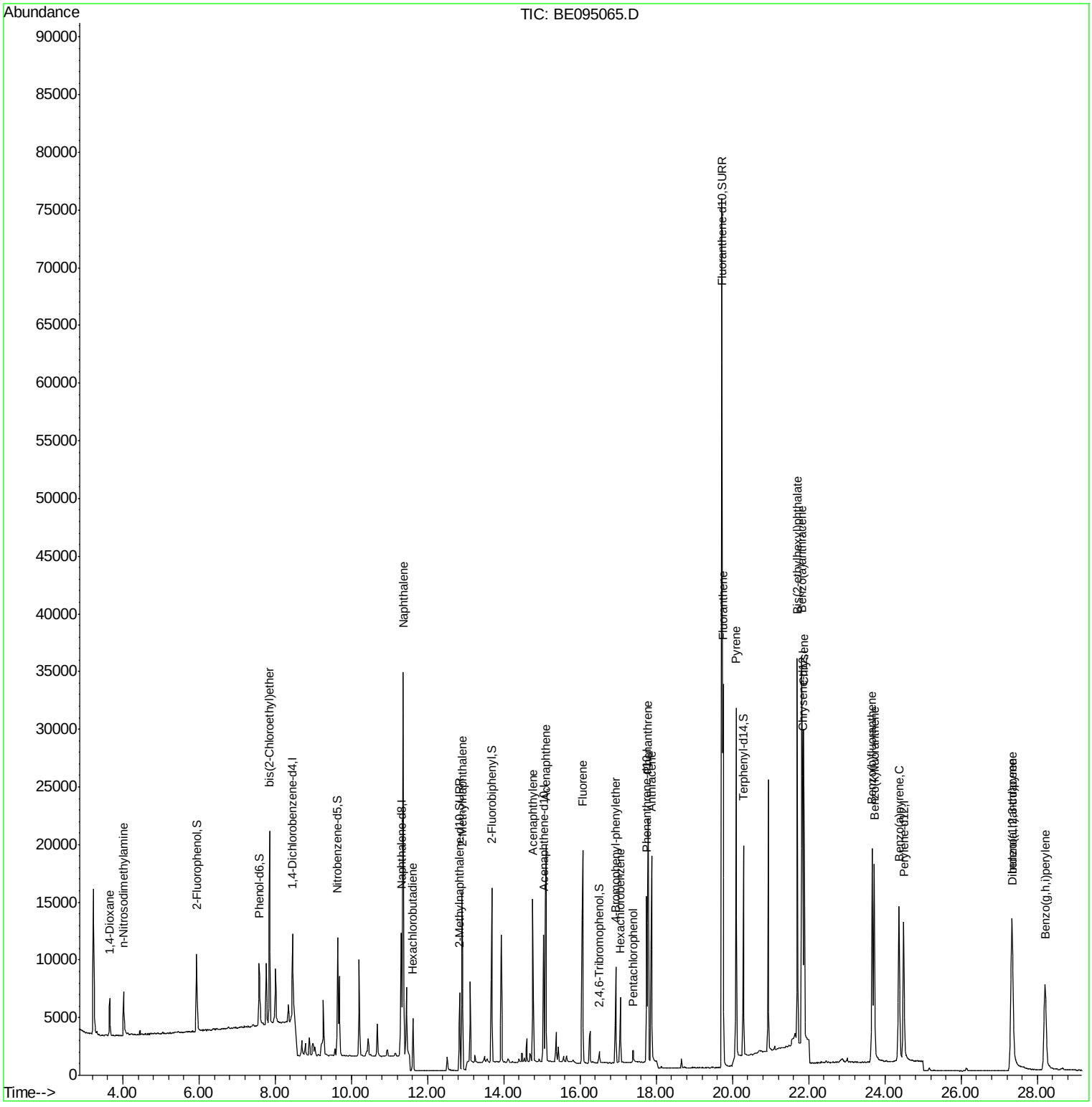
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6279	0.40	ng		0.00
7) Naphthalene-d8	11.31	136	14786	0.40	ng		0.00
13) Acenaphthene-d10	15.04	164	7868	0.40	ng		0.00
19) Phenanthrene-d10	17.74	188	18644	0.40	ng		0.00
27) Chrysene-d12	21.84	240	22241	0.40	ng		0.00
34) Perylene-d12	24.49	264	19713	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	3761	0.39	ng		0.00
5) Phenol-d6	7.58	99	5476	0.38	ng		0.00
8) Nitrobenzene-d5	9.63	82	4682	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.84	152	9151	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.50	330	599	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.68	172	13553	0.39	ng		0.00
25) Fluoranthene-d10	19.72	212	99863	0.41	ng		0.00
29) Terphenyl-d14	20.28	244	16836	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	2403	0.388	ng	#	92
3) n-Nitrosodimethylamine	4.01	42	3005	0.411	ng	#	87
6) bis(2-Chloroethyl)ether	7.85	93	5700	0.403	ng		93
9) Naphthalene	11.36	128	66038	0.380	ng		99
10) Hexachlorobutadiene	11.61	225	2936	0.372	ng		99
12) 2-Methylnaphthalene	12.91	142	10932	0.252	ng		98
16) Acenaphthylene	14.76	152	15694	0.373	ng		100
17) Acenaphthene	15.10	154	10724	0.384	ng		94
18) Fluorene	16.07	166	13146	0.379	ng	#	79
20) 4-Bromophenyl-phenylether	16.94	248	3964	0.363	ng		88
21) Hexachlorobenzene	17.06	284	4255	0.381	ng	#	81
22) Pentachlorophenol	17.40	266	913	0.410	ng	#	74
23) Phenanthrene	17.79	178	23339	0.402	ng		99
24) Anthracene	17.88	178	23104	0.388	ng	#	92
26) Fluoranthene	19.75	202	29768	0.415	ng		99
28) Pyrene	20.10	202	33343	0.443	ng		98
30) Benzo(a)anthracene	21.82	228	26562	0.409	ng	#	61
31) Chrysene	21.87	228	31197	0.426	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.70	149	37403	0.452	ng		100
33) Indeno(1,2,3-cd)pyrene	27.32	276	23567	0.396	ng		97
35) Benzo(b)fluoranthene	23.67	252	26433	0.365	ng	#	89
36) Benzo(k)fluoranthene	23.72	252	27899m	0.380	ng		
37) Benzo(a)pyrene	24.37	252	24581	0.383	ng		95
38) Dibenzo(a,h)anthracene	27.35	278	17930	0.301	ng		98
39) Benzo(g,h,i)perylene	28.20	276	21458	0.362	ng		96

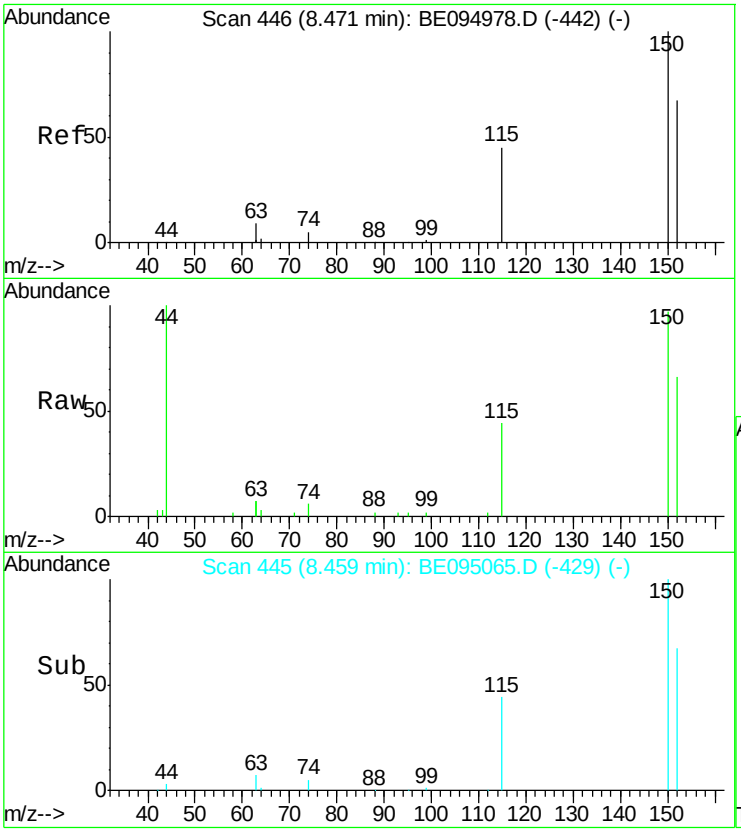
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE011018\
Data File : BE095065.D
Acq On : 10 Jan 2018 10:11
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 10 13:02:57 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 10 13:00:41 2018
Response via : Initial Calibration

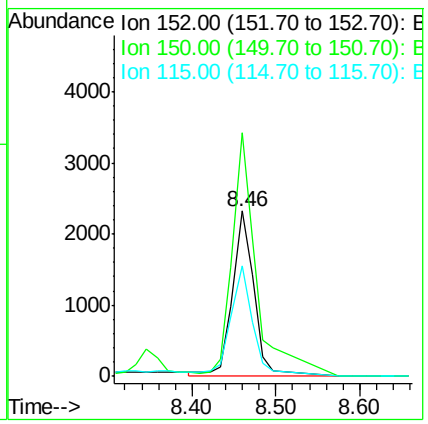


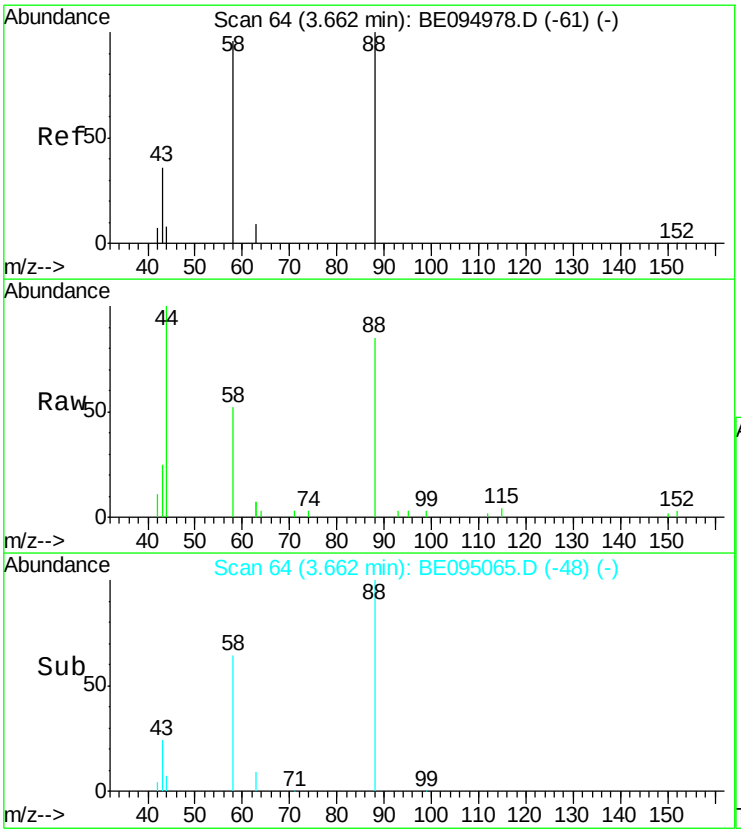


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:152 Resp: 6279

Ion	Ratio	Lower	Upper
152	100		
150	147.6	117.2	175.8
115	66.6	57.0	85.6

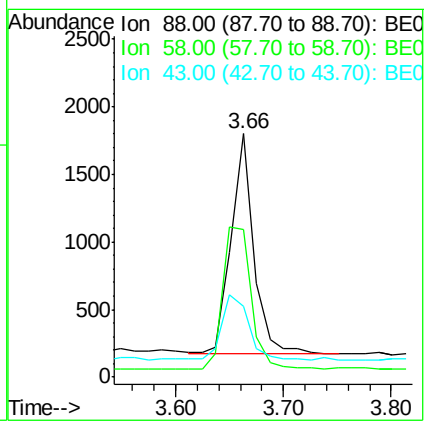


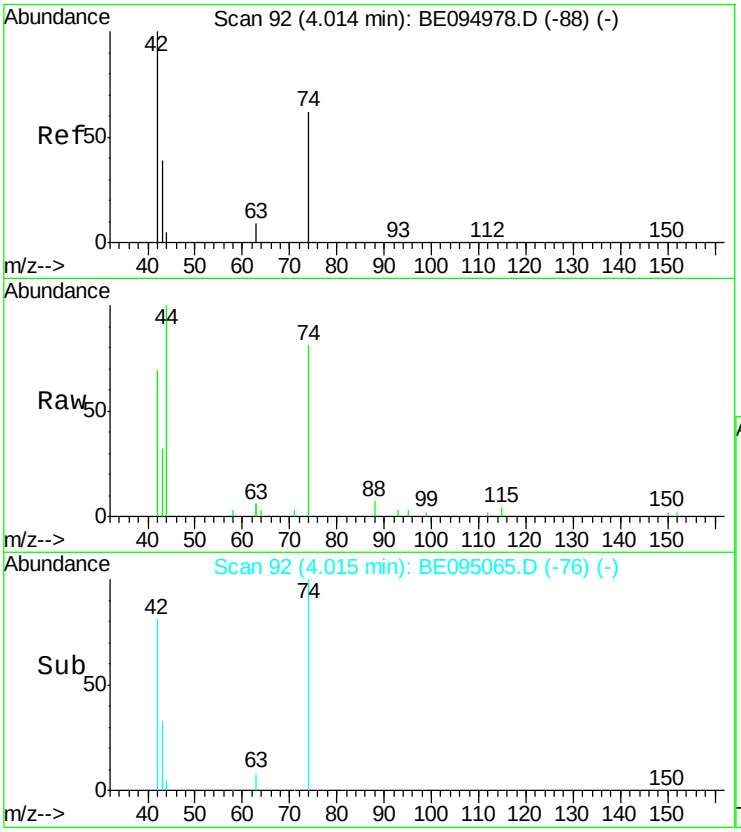


#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion: 88 Resp: 2403

Ion	Ratio	Lower	Upper
88	100		
58	78.8	63.2	94.8
43	37.1	41.2	61.8#

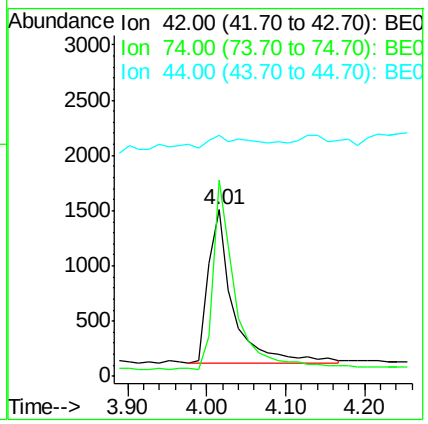


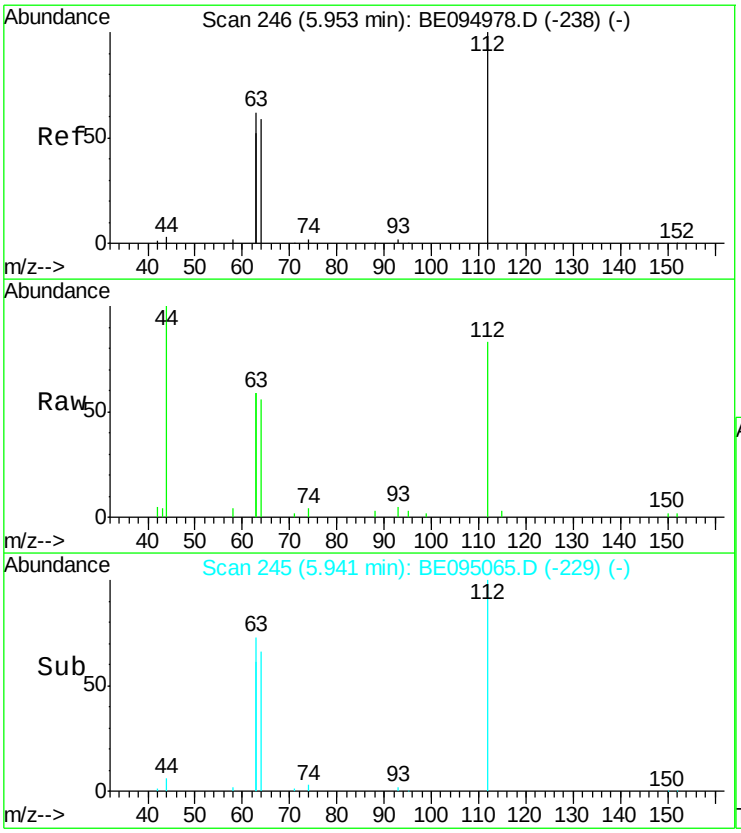


#3
n-Nitrosodimethylamine
Concen: 0.411 ng
RT: 4.01 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion: 42 Resp: 3005

Ion	Ratio	Lower	Upper
42	100		
74	110.6	96.0	144.0
44	33.9	12.0	18.0#

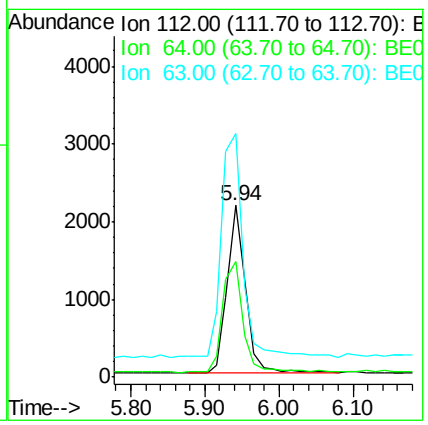


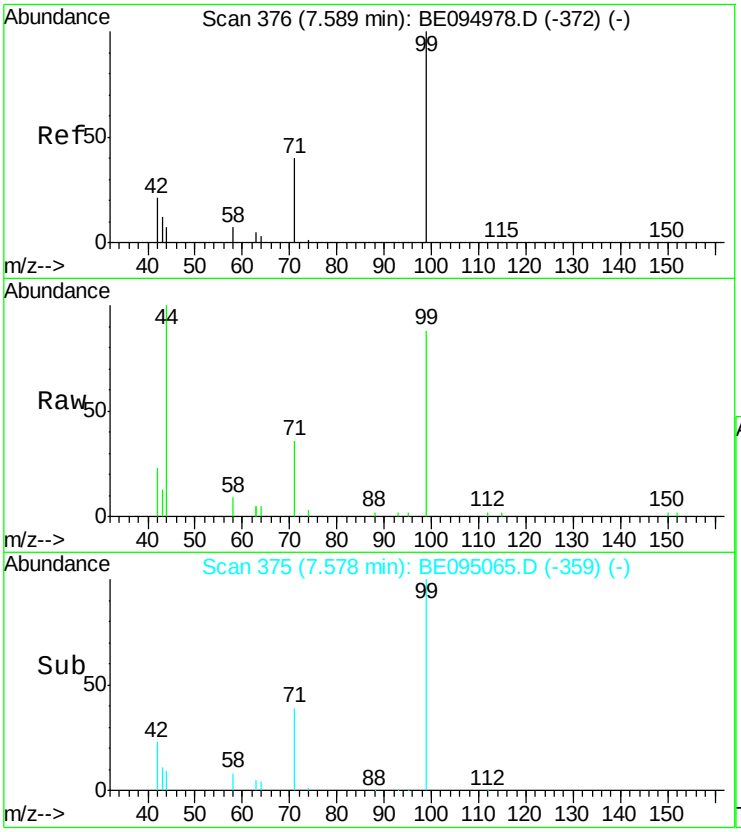


#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.94 min Scan# 245
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:112 Resp: 3761

Ion	Ratio	Lower	Upper
112	100		
64	74.3	60.1	90.1
63	151.5	116.8	175.2

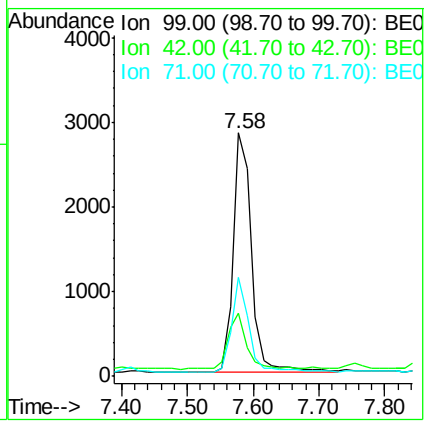


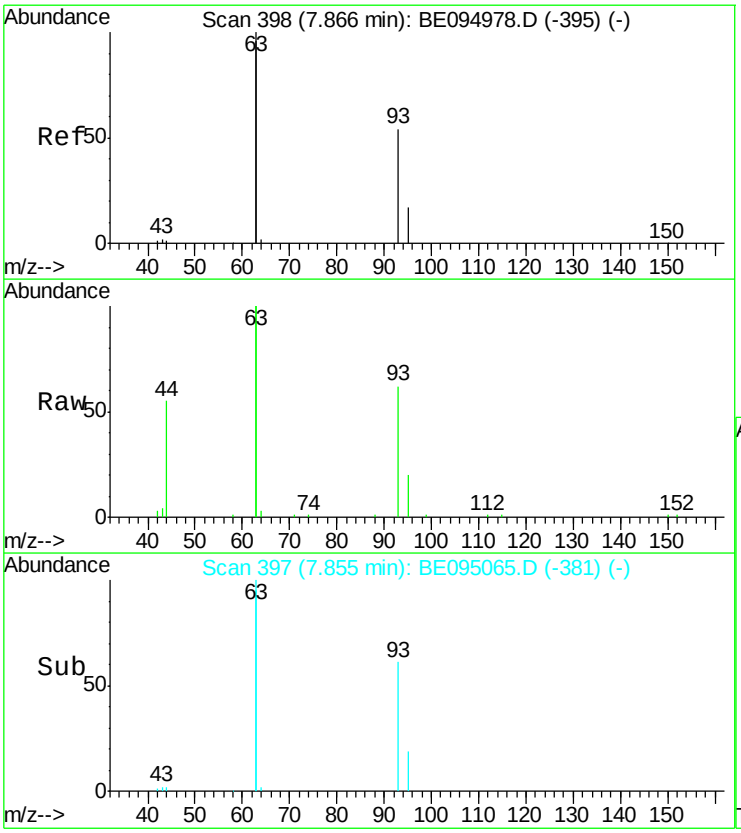


#5
Phenol-d6
Concen: 0.378 ng
RT: 7.58 min Scan# 375
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion: 99 Resp: 5476

Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.2	30.2
71	36.9	28.4	42.6

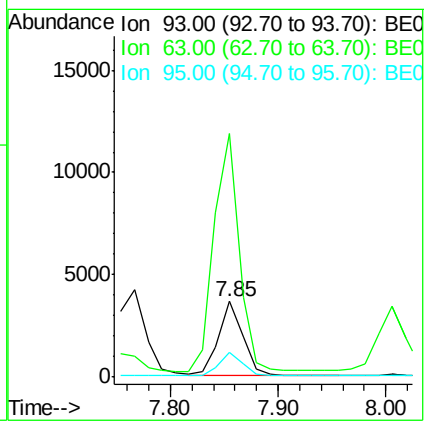


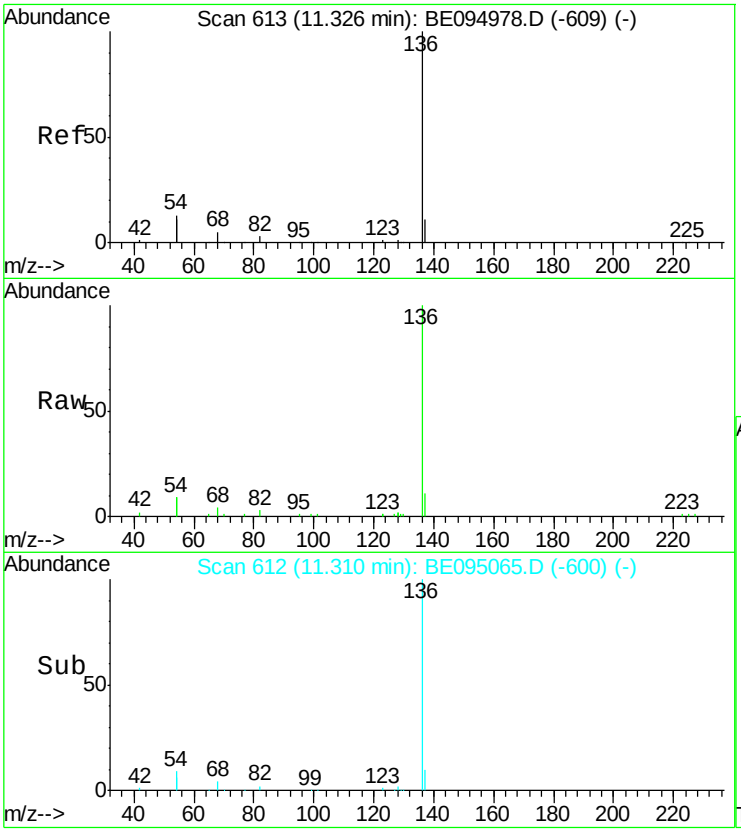


#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 7.85 min Scan# 397
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion: 93 Resp: 5700

Ion	Ratio	Lower	Upper
93	100		
63	328.8	275.3	412.9
95	31.1	25.2	37.8

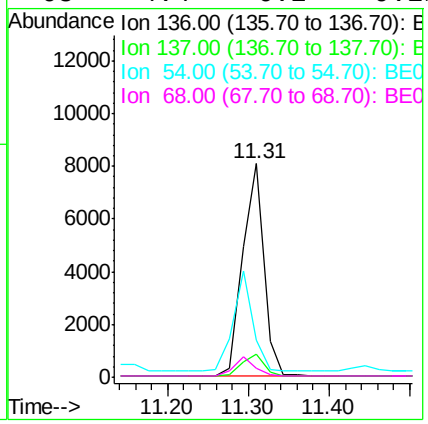


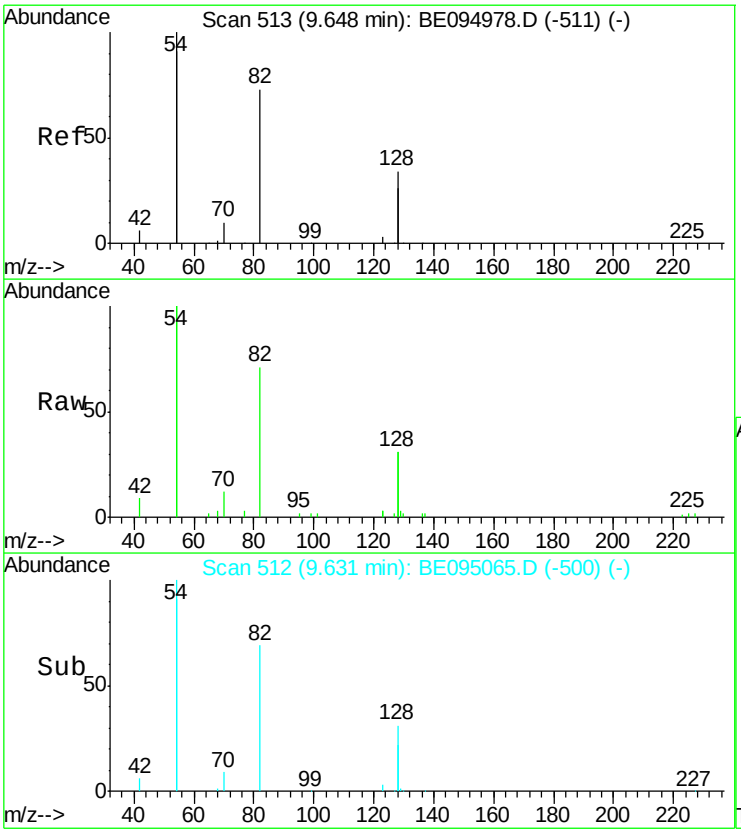


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:136 Resp: 14786

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	17.2	29.1	43.7#
68	4.4	6.2	9.2#

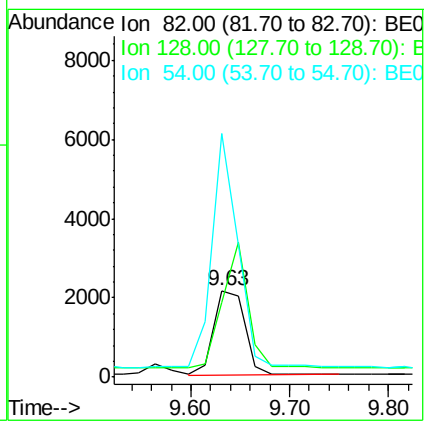


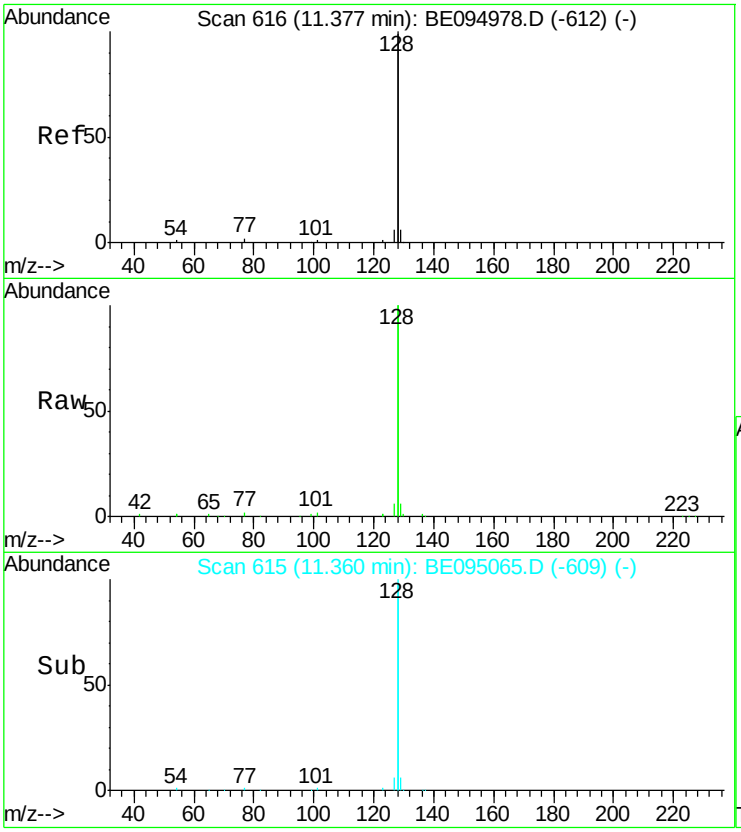


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.63 min Scan# 512
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion: 82 Resp: 4682

Ion	Ratio	Lower	Upper
82	100		
128	86.1	150.0	225.0#
54	281.9	154.2	231.4#

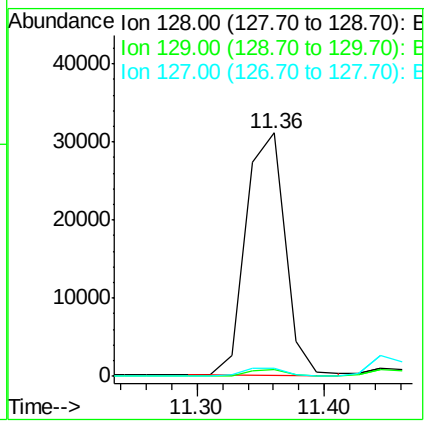


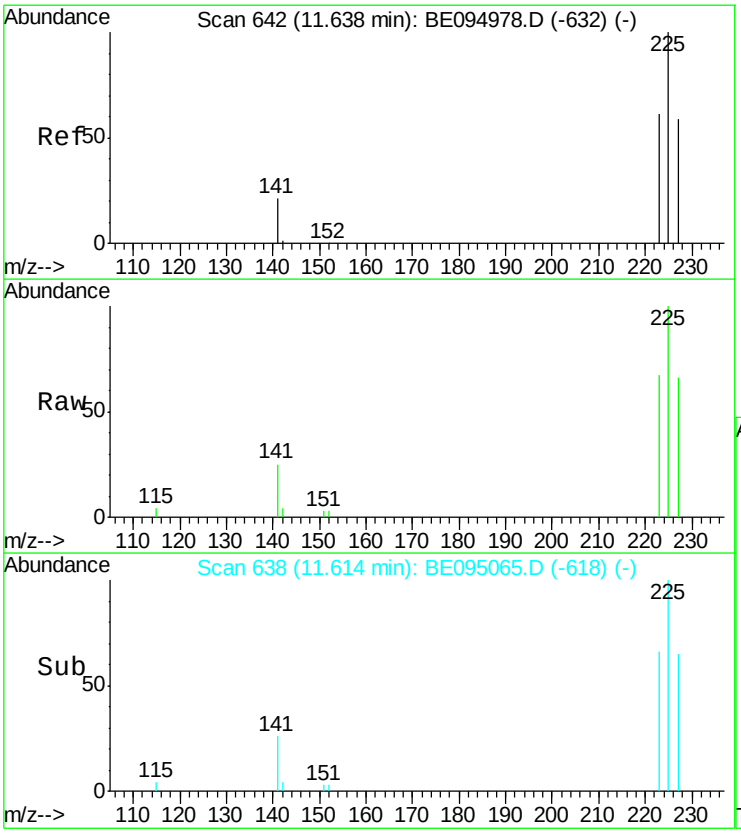


#9
Naphthalene
Concen: 0.380 ng
RT: 11.36 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:128 Resp: 66038

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.1	2.8	4.2

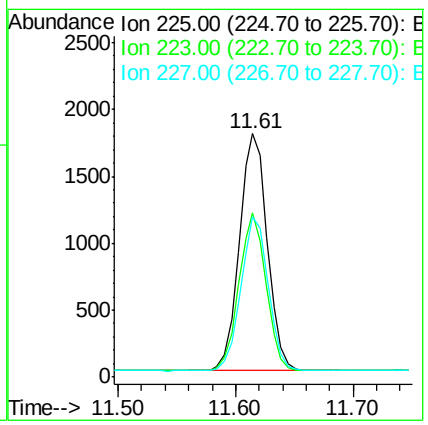


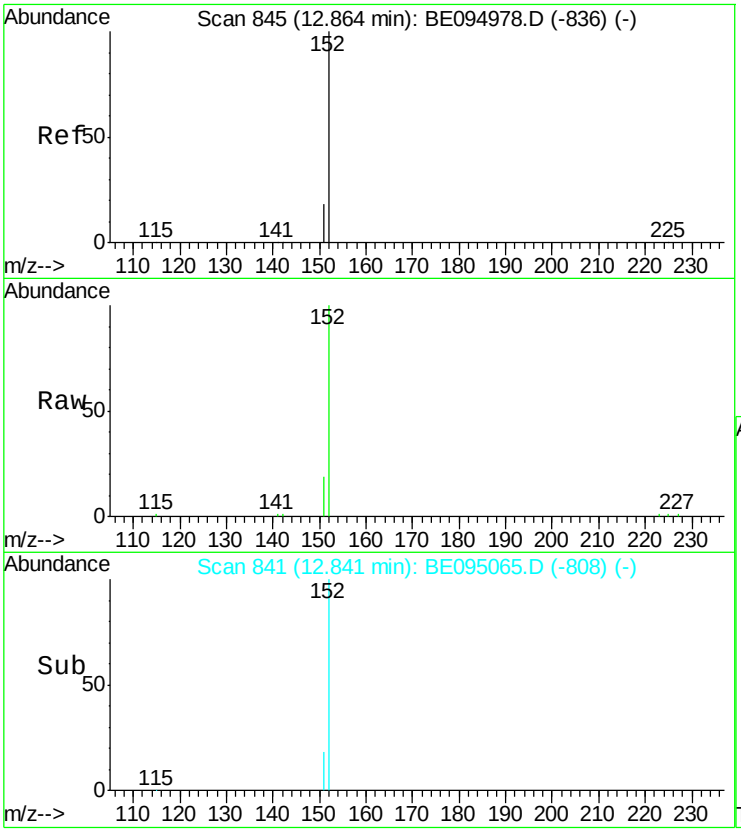


#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 11.61 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:225 Resp: 2936

Ion	Ratio	Lower	Upper
225	100		
223	64.4	53.0	79.6
227	64.5	51.4	77.2

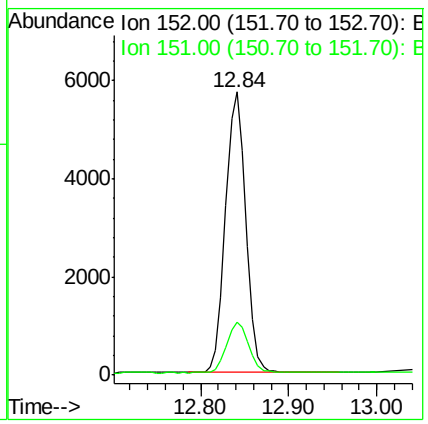


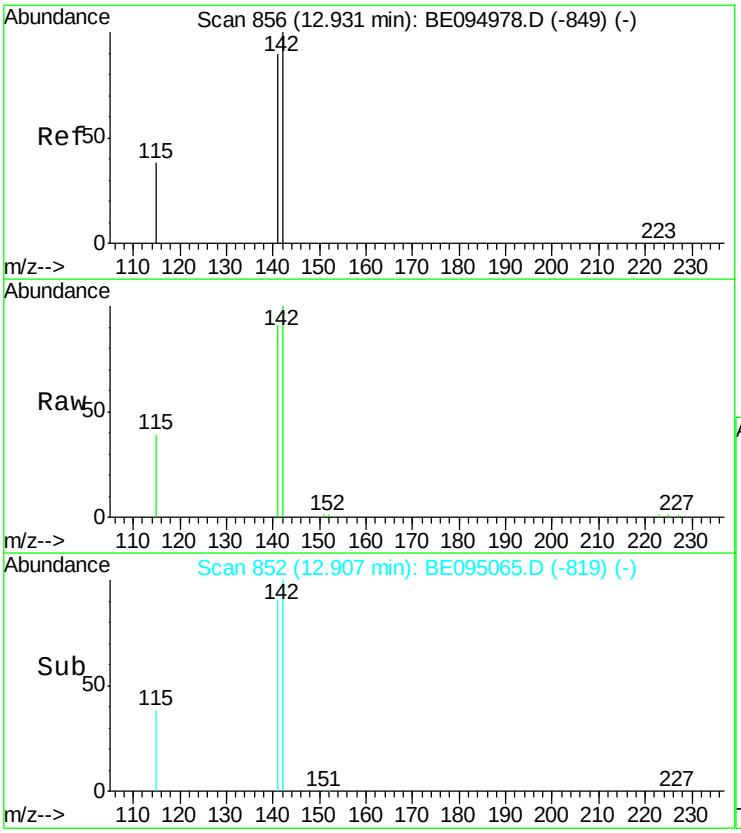


#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.84 min Scan# 841
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:152 Resp: 9151

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

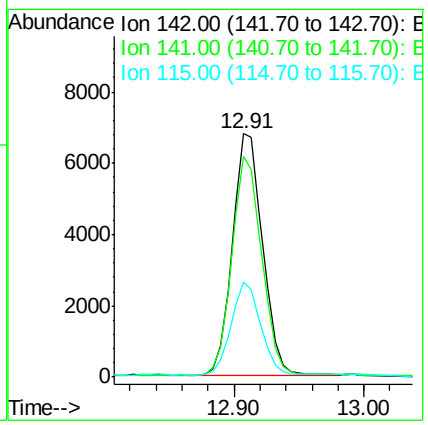


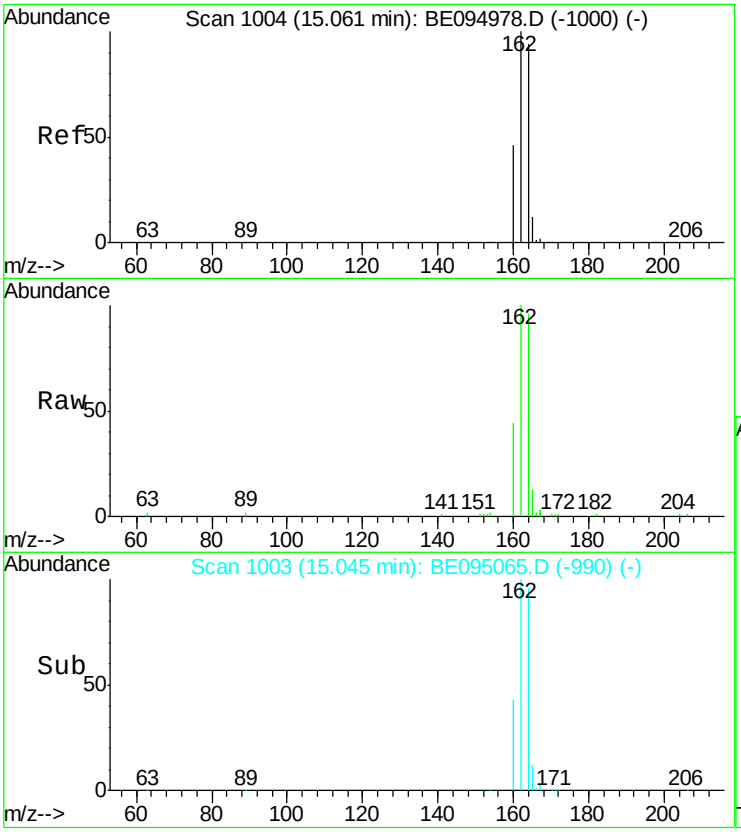


#12
2-Methylnaphthalene
Concen: 0.252 ng
RT: 12.91 min Scan# 852
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:142 Resp: 10932

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.4	105.6
115	39.0	31.7	47.5

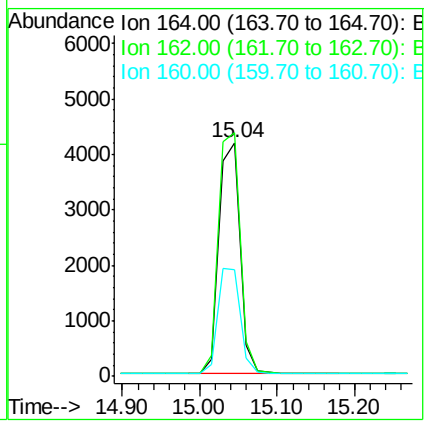


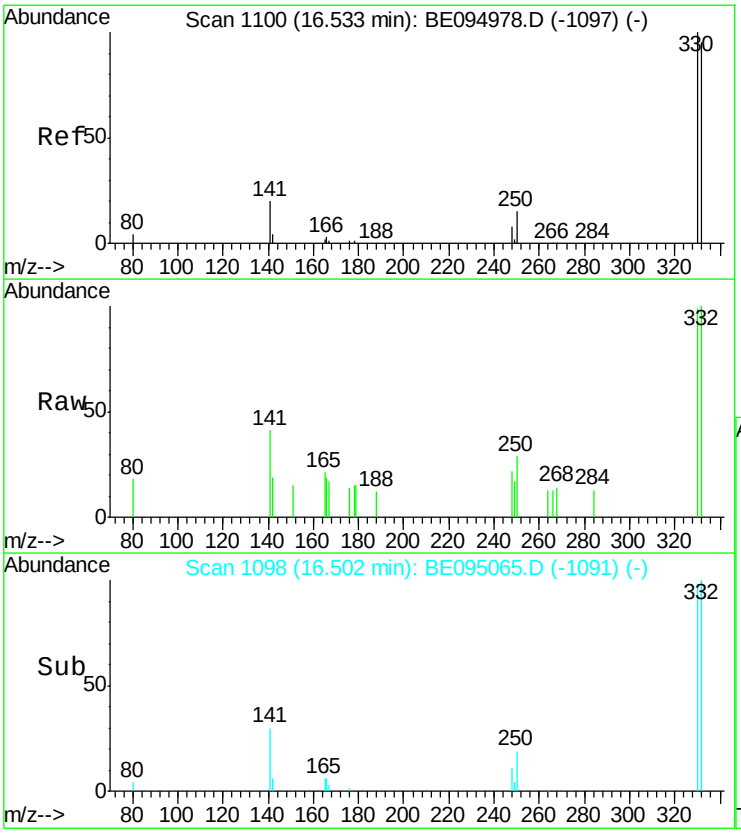


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.04 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:164 Resp: 7868

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.1	124.7
160	45.9	37.1	55.7

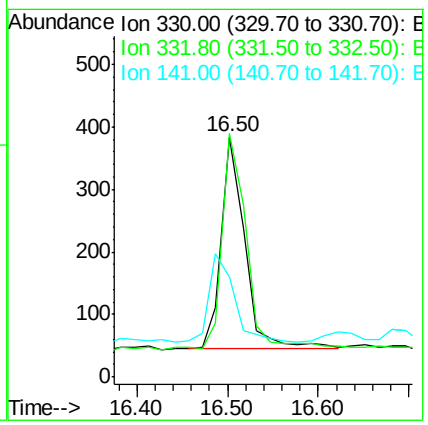


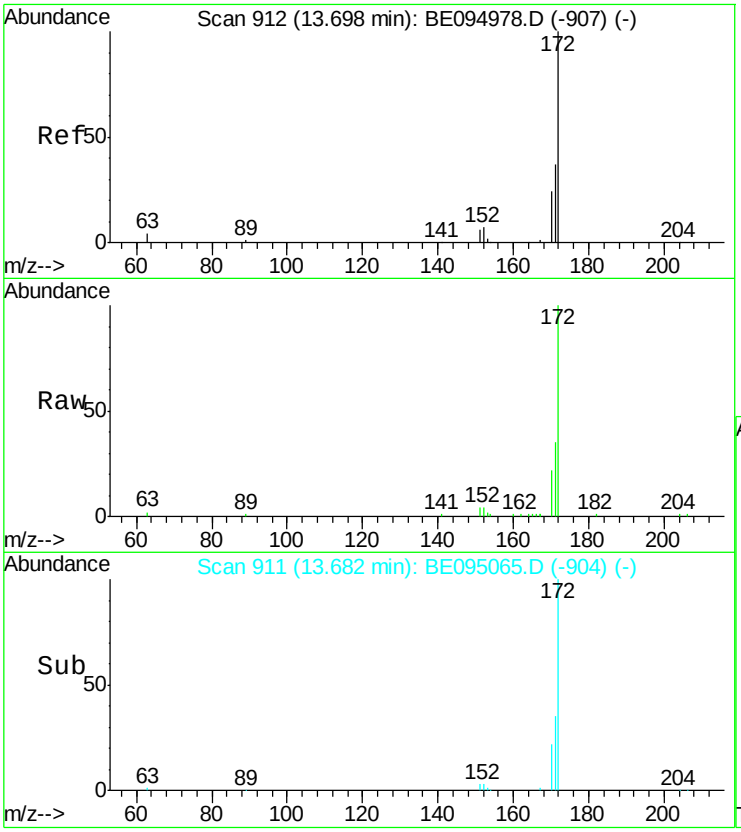


#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 16.50 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:330 Resp: 599

Ion	Ratio	Lower	Upper
330	100		
332	107.8	152.7	229.1#
141	45.9	33.7	50.5

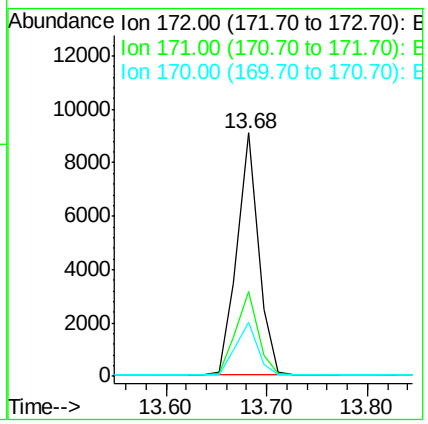


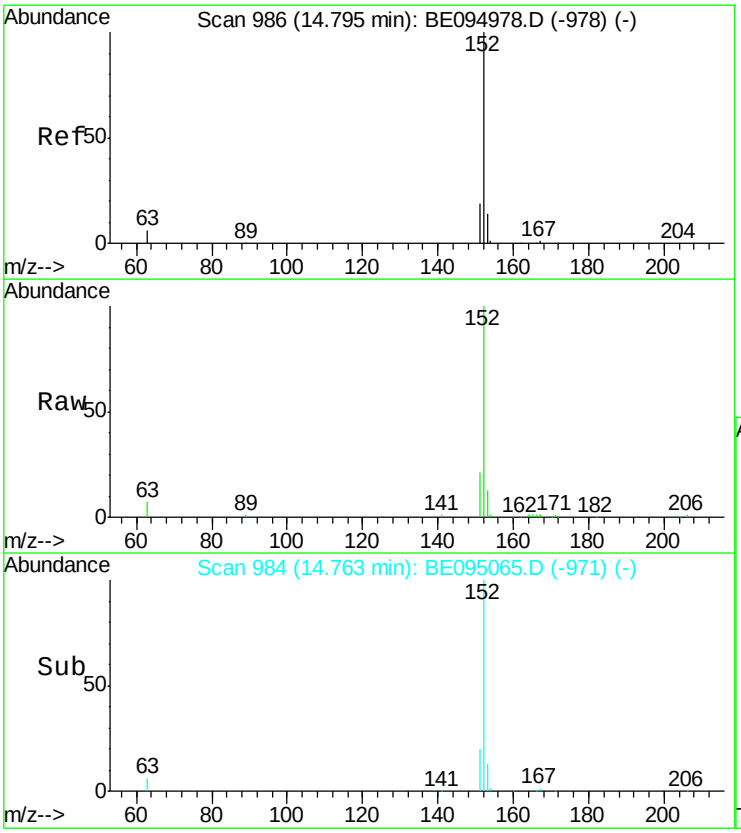


#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.68 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:172 Resp: 13553

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	22.0	21.8	32.8

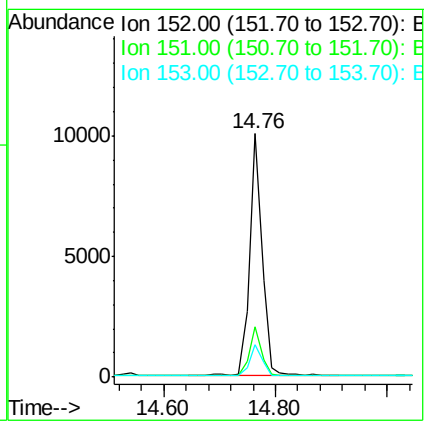


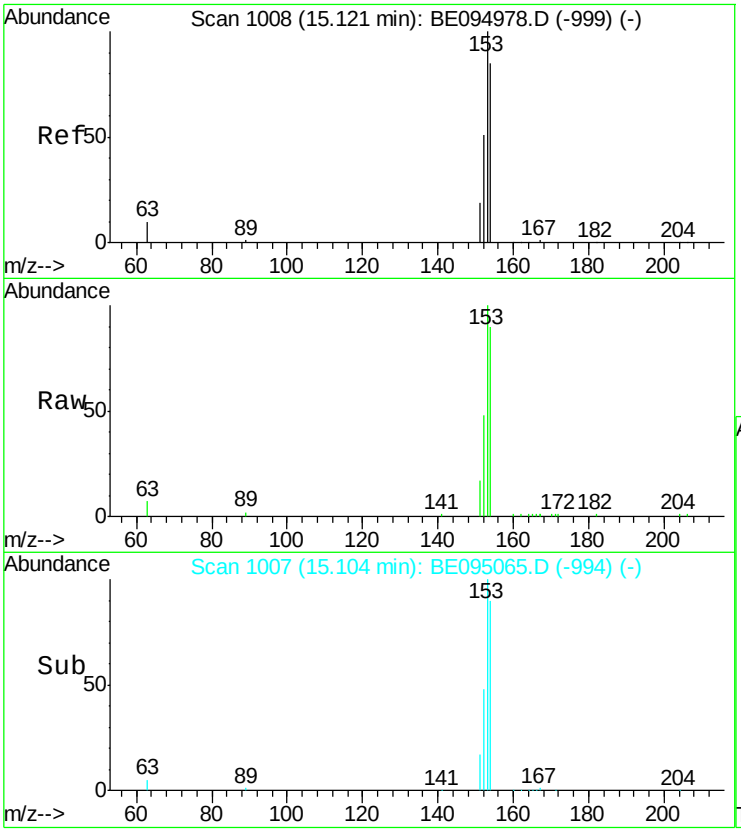


#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.76 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:152 Resp: 15694

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.8	10.5	15.7

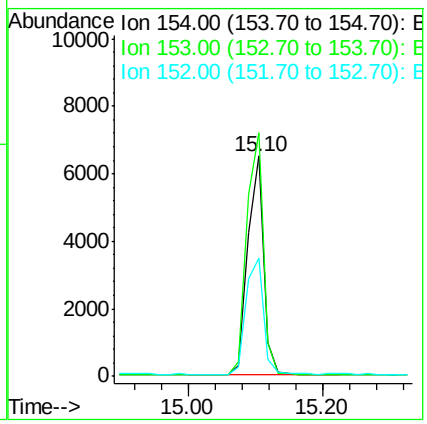


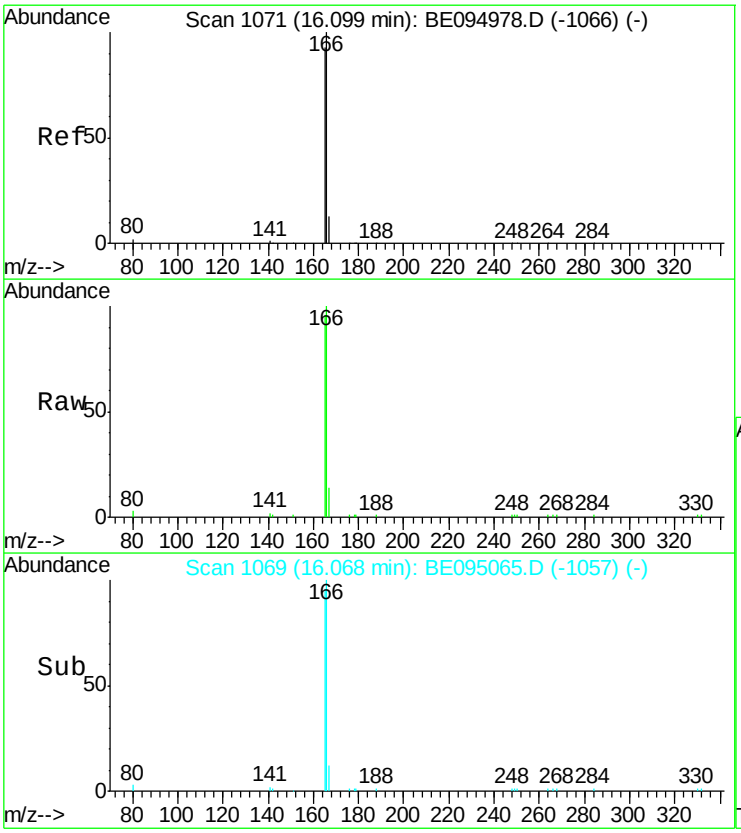


#17
Acenaphthene
Concen: 0.384 ng
RT: 15.10 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:154 Resp: 10724

Ion	Ratio	Lower	Upper
154	100		
153	116.0	89.2	133.8
152	58.4	42.0	63.0

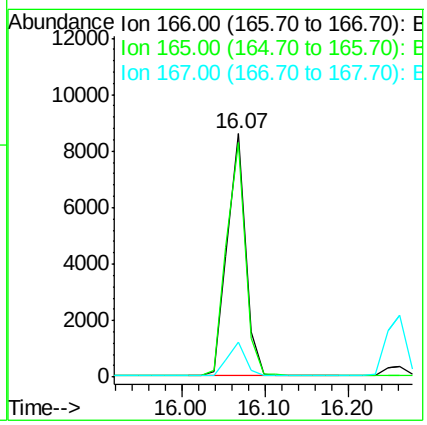


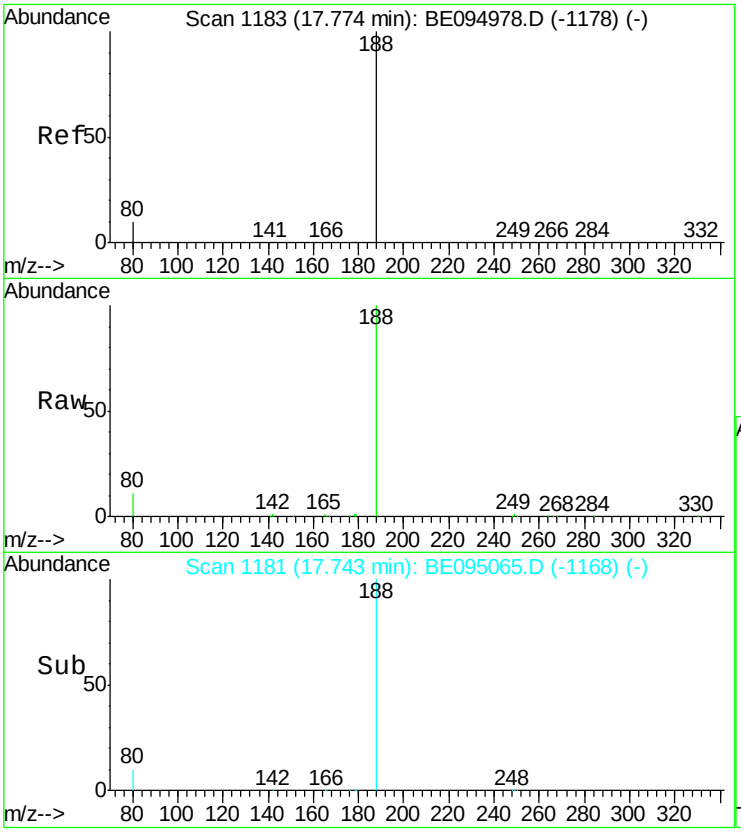


#18
Fluorene
Concen: 0.379 ng
RT: 16.07 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:166 Resp: 13146

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.7	42.4	63.6#

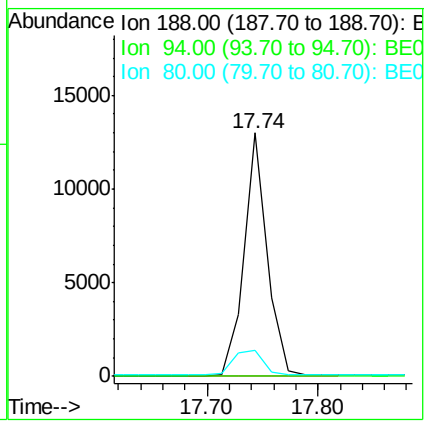


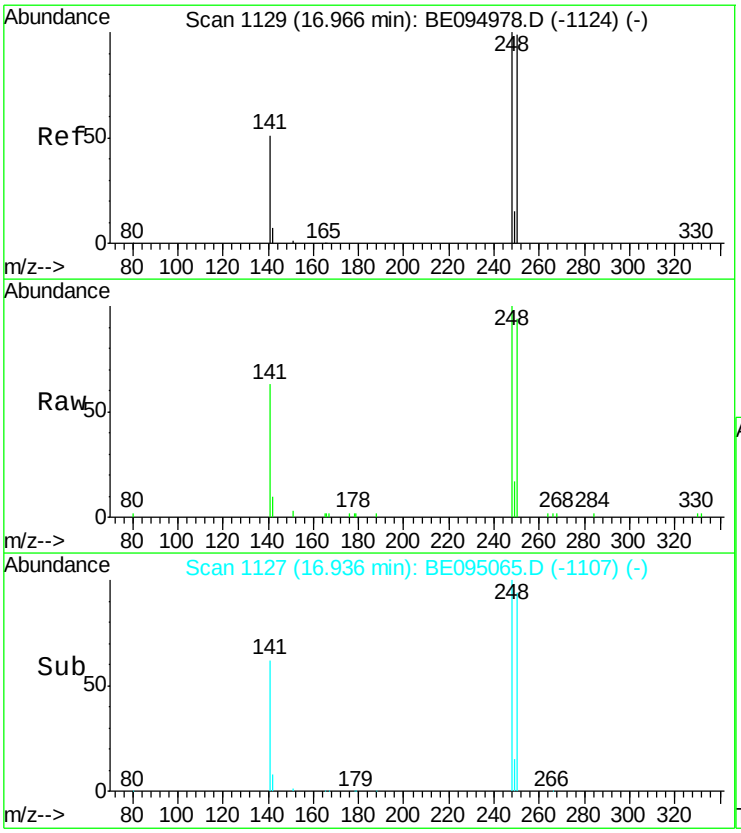


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:188 Resp: 18644

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.9	3.6	5.4#

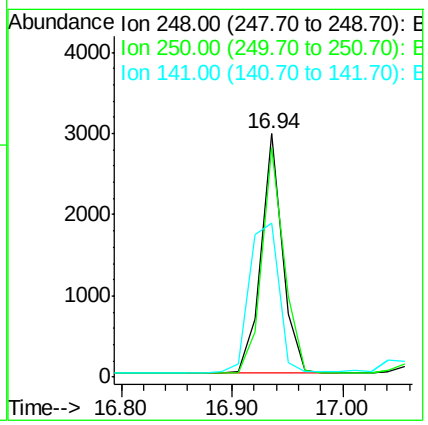


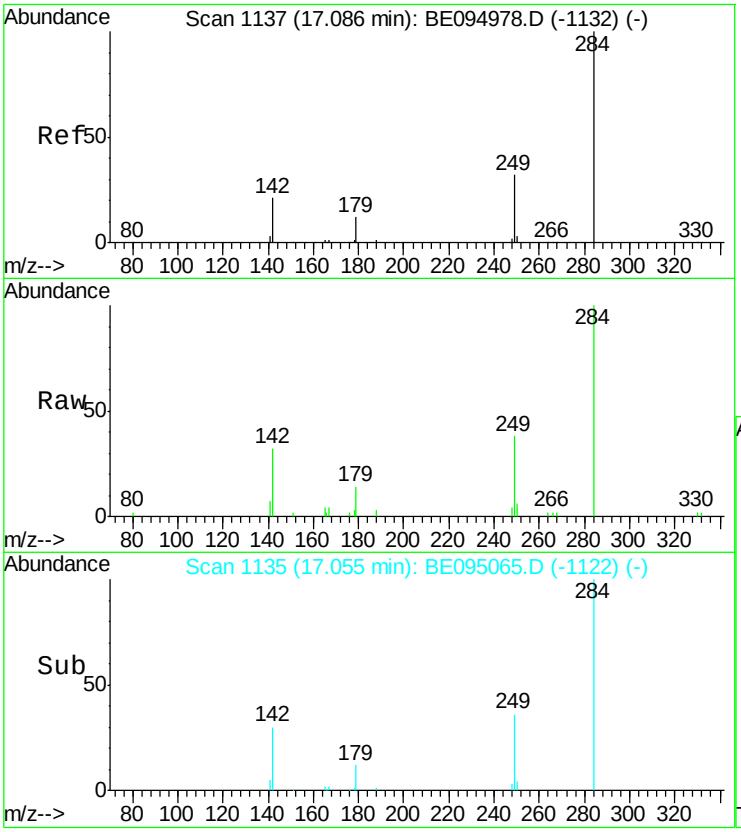


#20
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.94 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:248 Resp: 3964

Ion	Ratio	Lower	Upper
248	100		
250	94.1	62.7	94.1
141	63.4	48.2	72.2

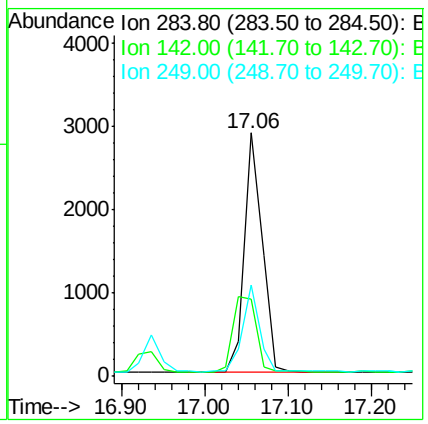


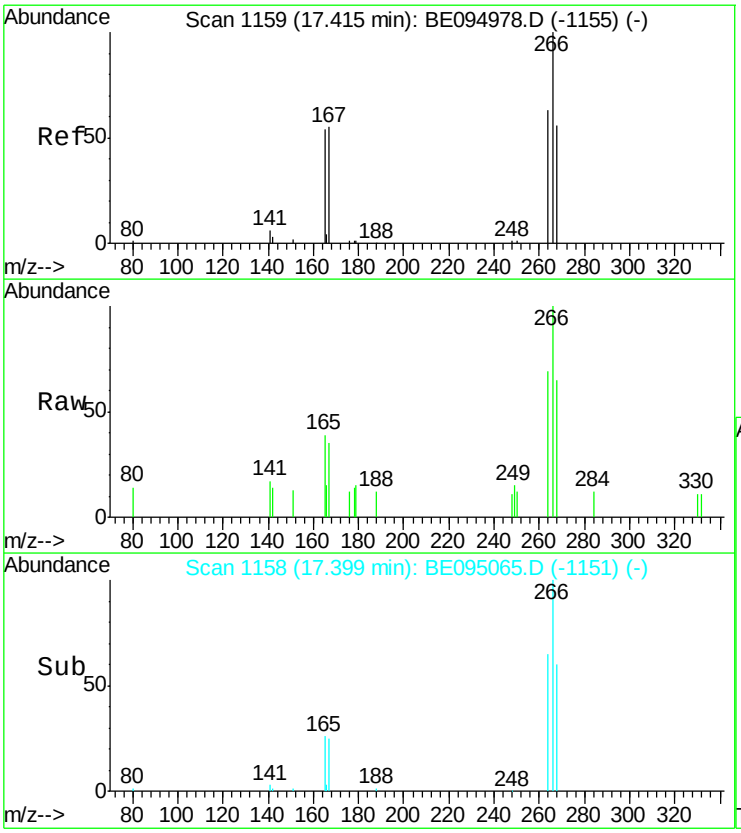


#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 17.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:284 Resp: 4255

Ion	Ratio	Lower	Upper
284	100		
142	40.7	22.1	33.1#
249	33.8	34.8	52.2#

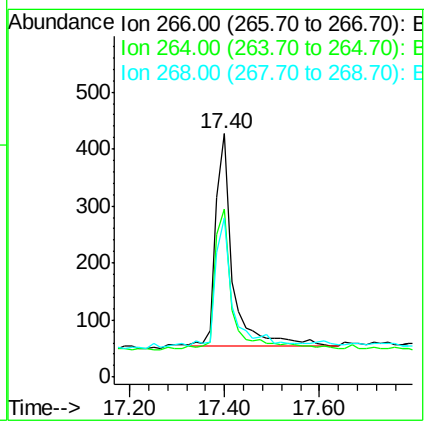


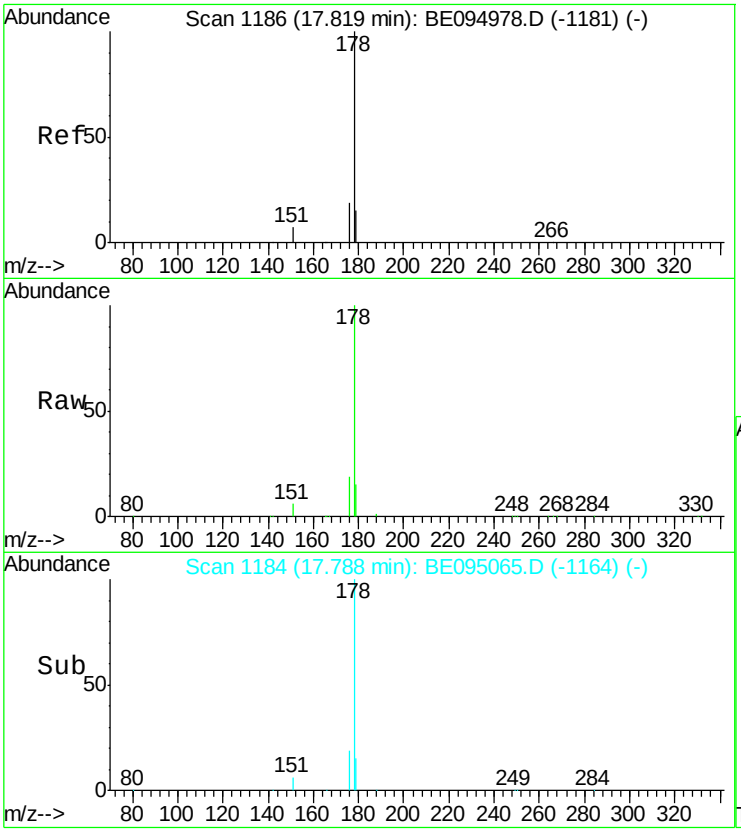


#22
Pentachlorophenol
Concen: 0.410 ng
RT: 17.40 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:266 Resp: 913

Ion	Ratio	Lower	Upper
266	100		
264	68.9	72.5	108.7#
268	65.3	73.8	110.6#

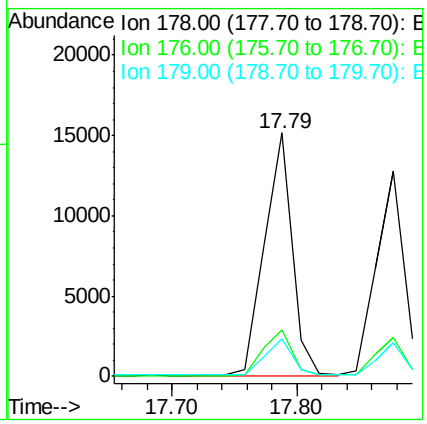


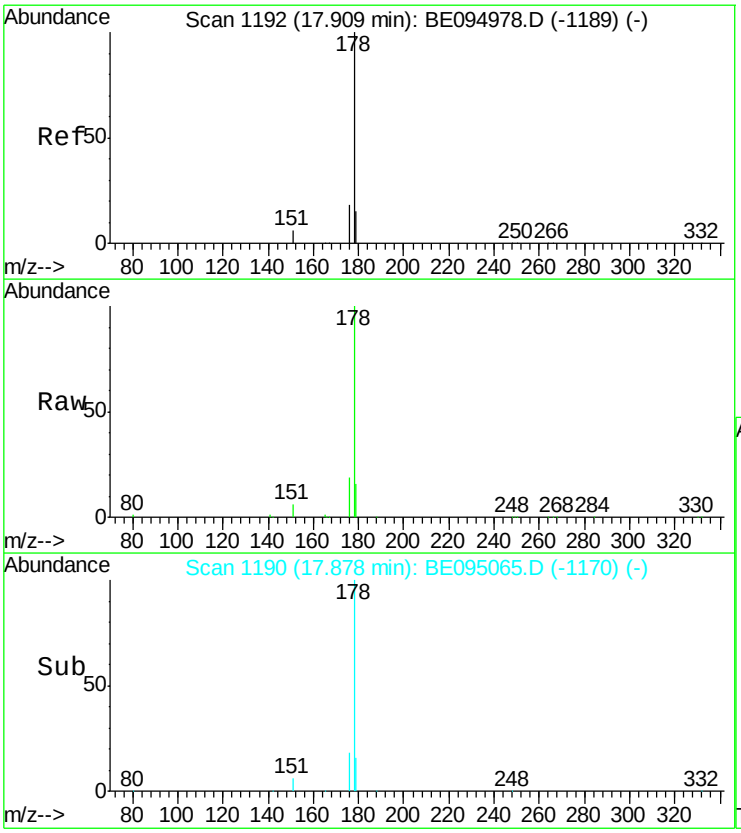


#23
Phenanthrene
Concen: 0.402 ng
RT: 17.79 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:178 Resp: 23339

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.1	11.8	17.6

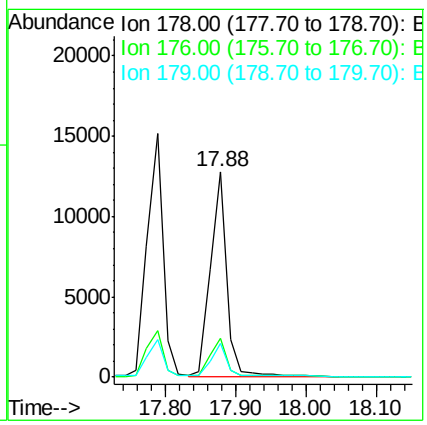


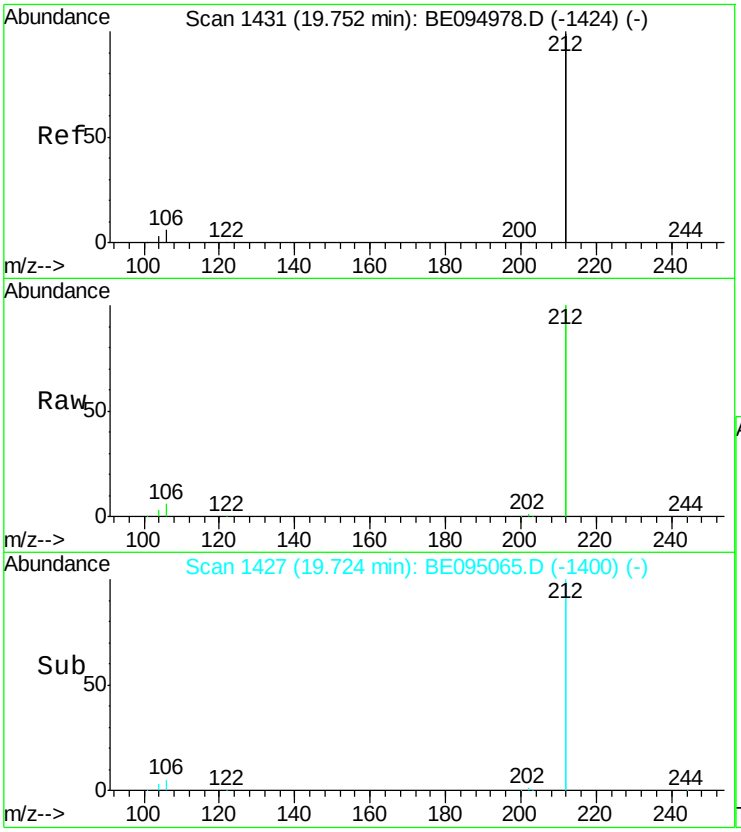


#24
Anthracene
Concen: 0.388 ng
RT: 17.88 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:178 Resp: 23104

Ion	Ratio	Lower	Upper
178	100		
176	21.0	12.8	19.2#
179	18.2	13.0	19.6

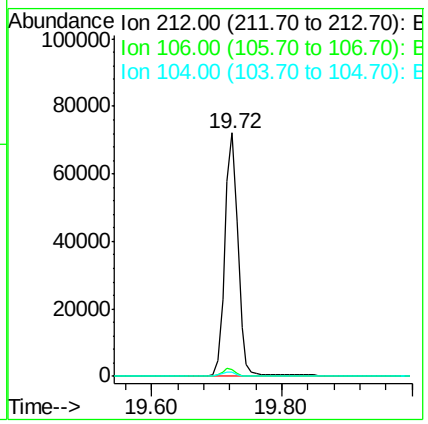


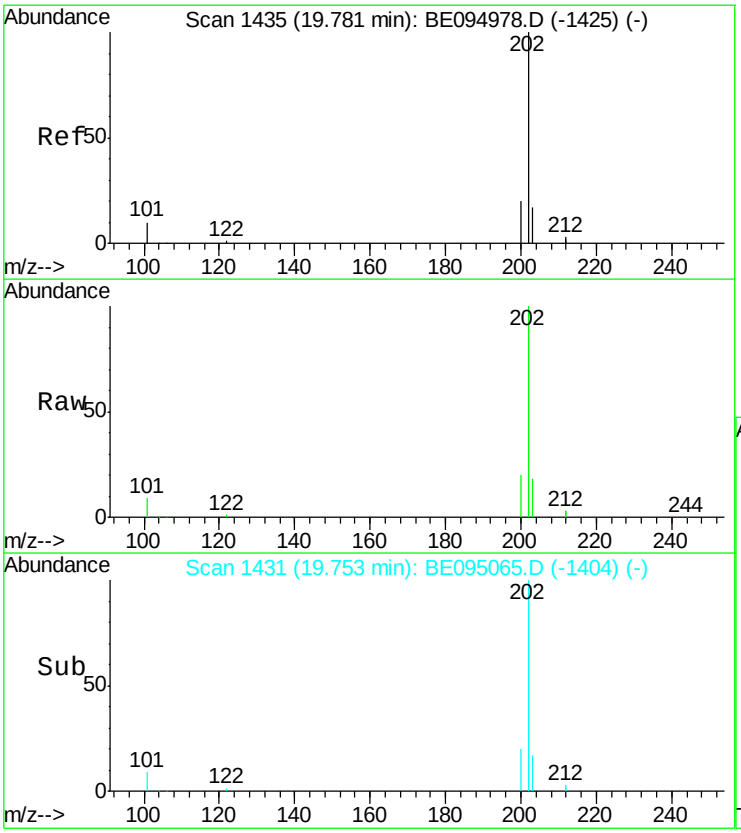


#25
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.72 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:212 Resp: 99863

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

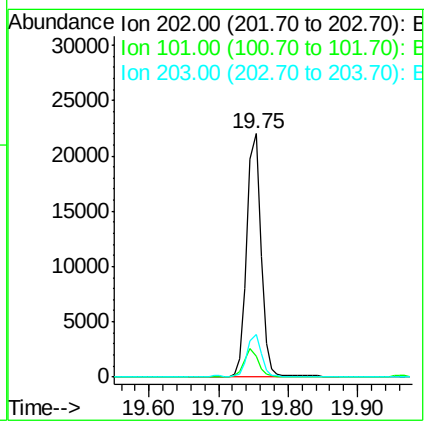


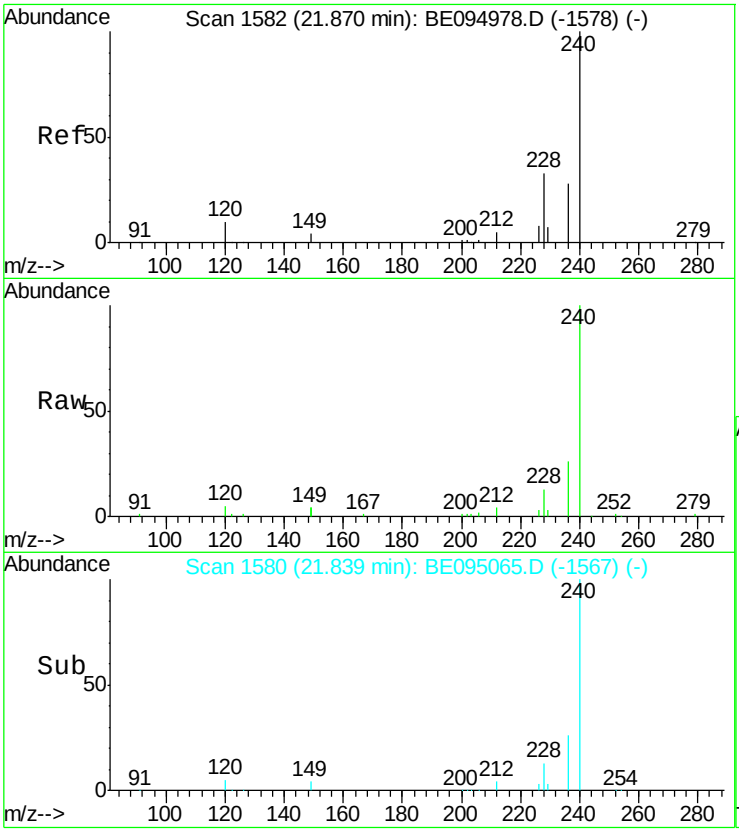


#26
Fluoranthene
Concen: 0.415 ng
RT: 19.75 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:202 Resp: 29768

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	17.0	13.7	20.5

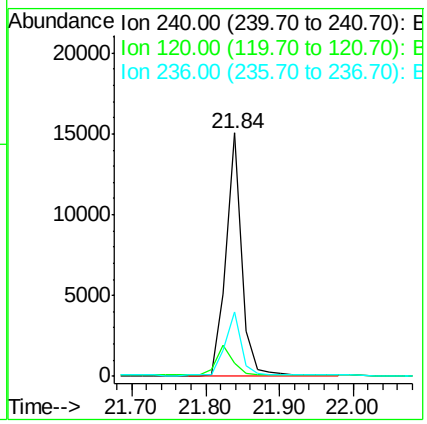


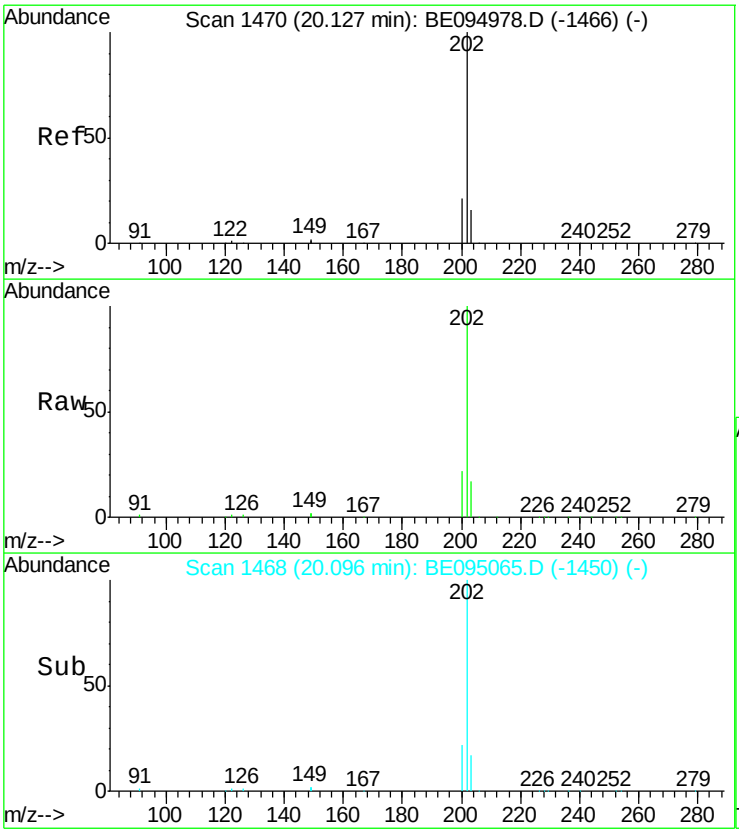


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:240 Resp: 22241

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.5	8.3#
236	26.2	20.7	31.1

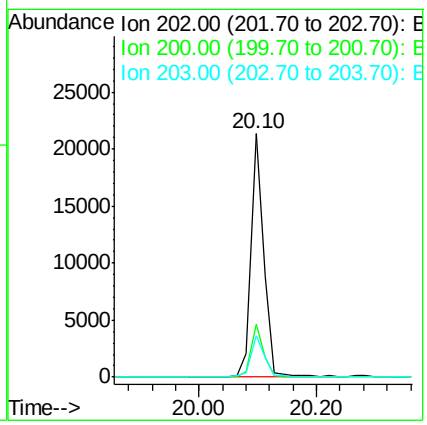


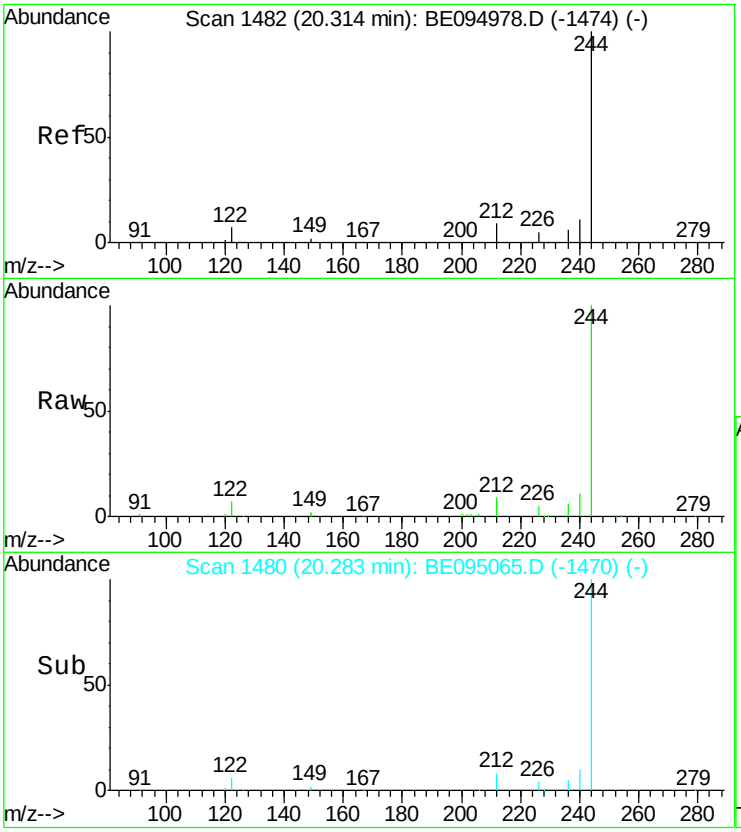


#28
Pyrene
Concen: 0.443 ng
RT: 20.10 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:202 Resp: 33343

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	19.0	13.8	20.8

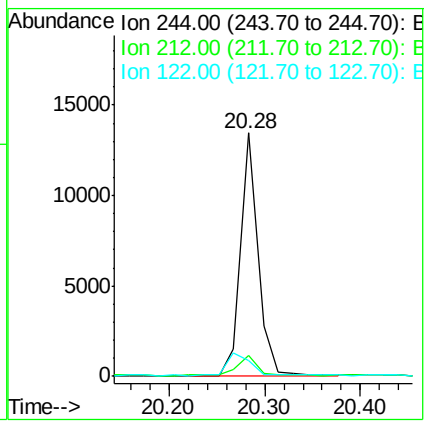


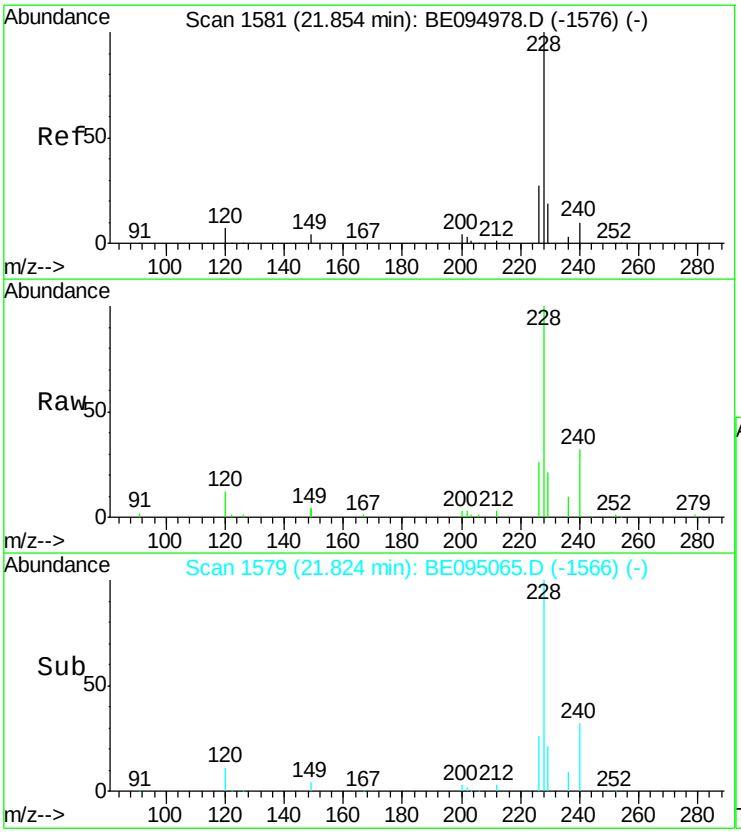


#29
Terphenyl-d14
Concen: 0.402 ng
RT: 20.28 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:244 Resp: 16836

Ion	Ratio	Lower	Upper
244	100		
212	8.7	25.4	38.0#
122	6.6	8.1	12.1#

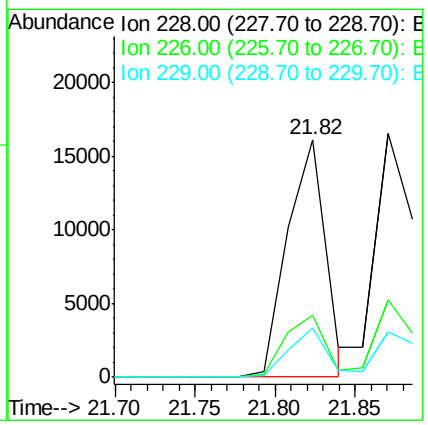


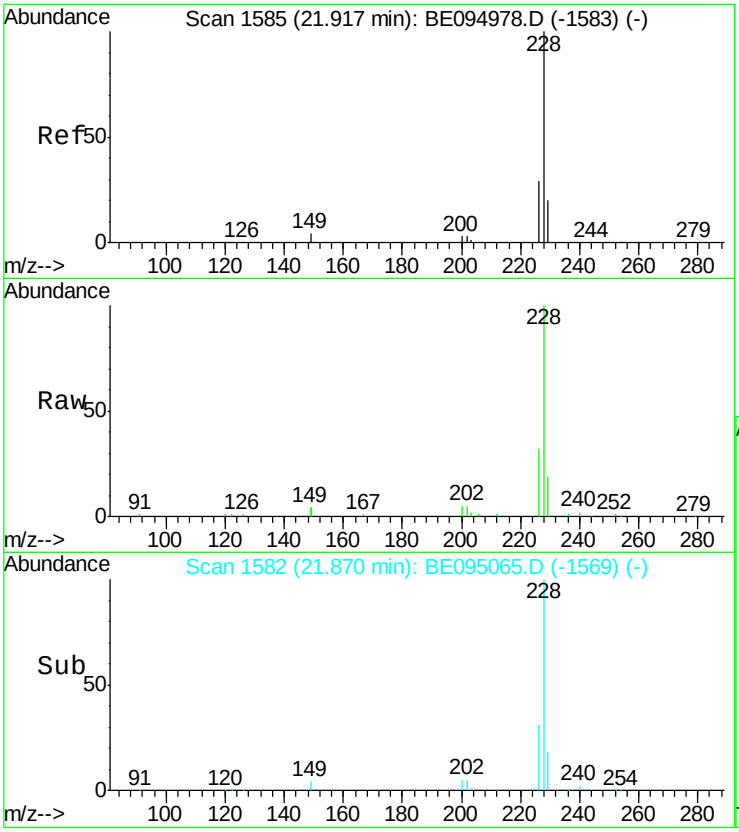


#30
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.82 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:228 Resp: 26562

Ion	Ratio	Lower	Upper
228	100		
226	26.2	40.0	60.0#
229	20.8	40.0	60.0#

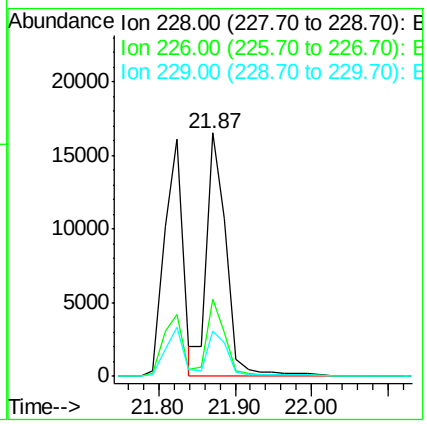


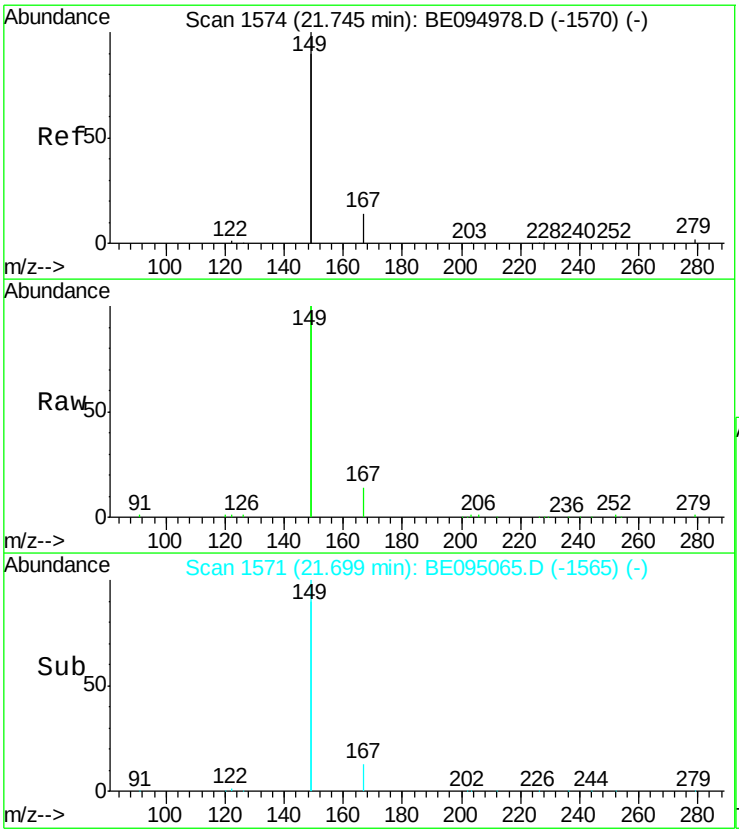


#31
Chrysene
Concen: 0.426 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:228 Resp: 31197

Ion	Ratio	Lower	Upper
228	100		
226	31.6	40.0	60.0#
229	18.7	40.0	60.0#

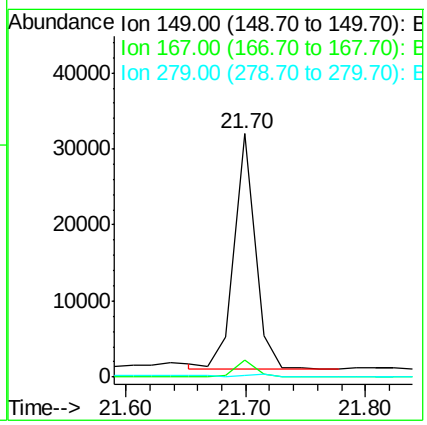


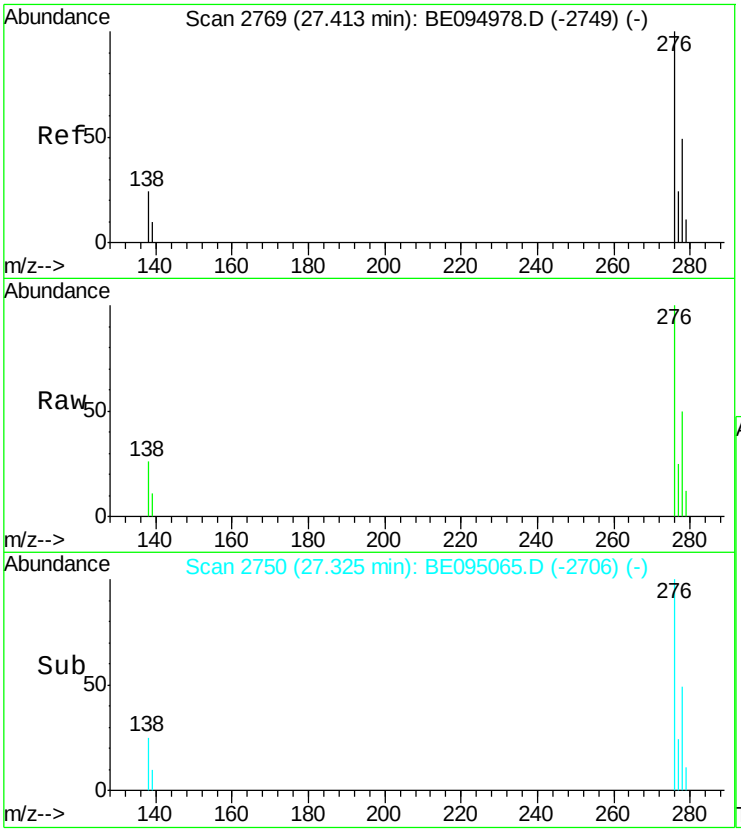


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.452 ng
RT: 21.70 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:149 Resp: 37403

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.0	0.7	1.1

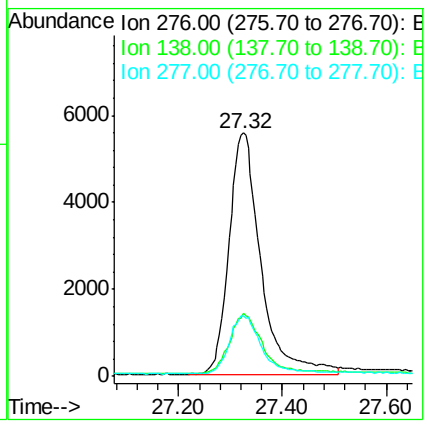


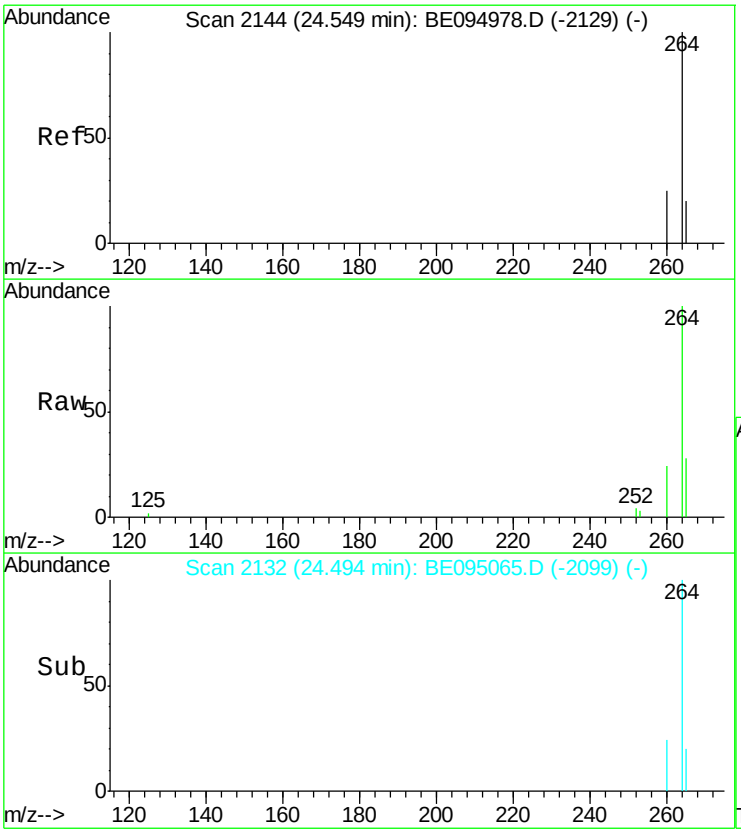


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 27.32 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:276 Resp: 23567

Ion	Ratio	Lower	Upper
276	100		
138	25.8	22.5	33.7
277	23.9	19.9	29.9

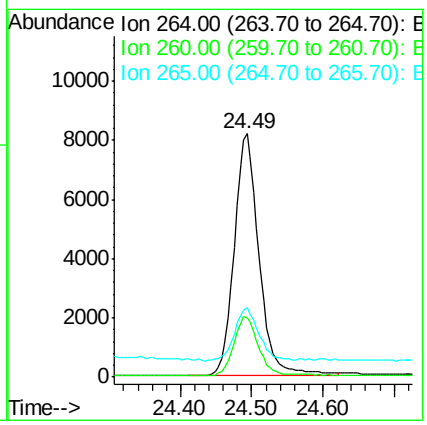


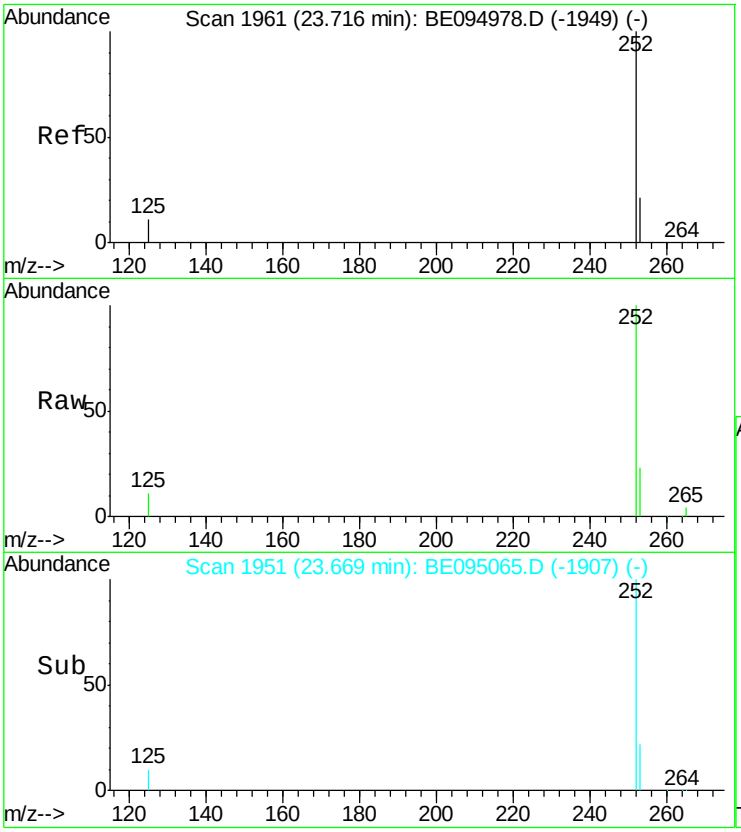


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:264 Resp: 19713

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.5	30.7
265	28.4	22.8	34.2

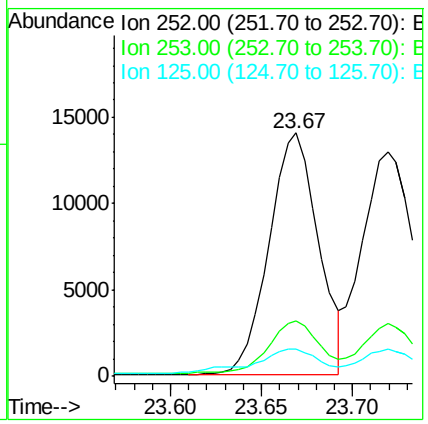


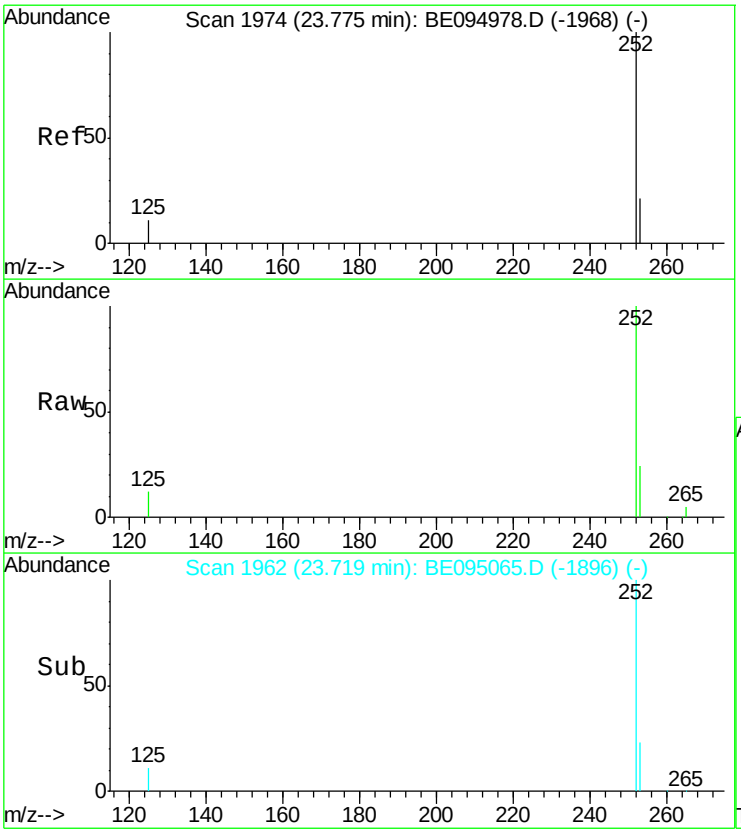


#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.67 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:252 Resp: 26433

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.0	30.0
125	11.4	16.0	24.0#

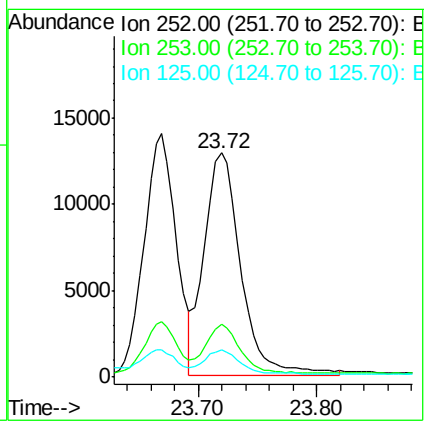


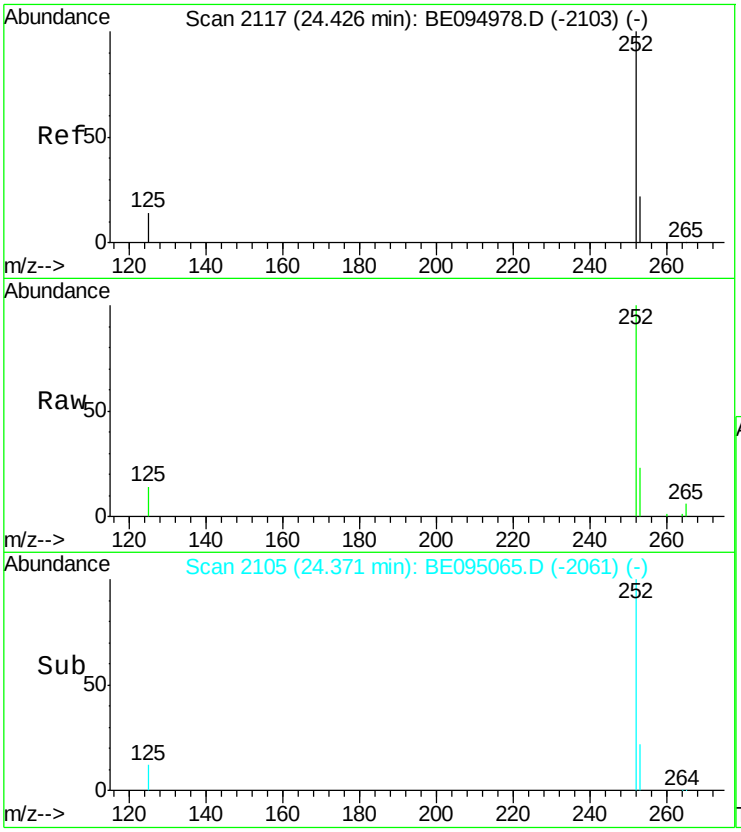


#36
Benzo(k)fluoranthene
Concen: 0.380 ng m
RT: 23.72 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:252 Resp: 27899

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	12.1	8.0	12.0#

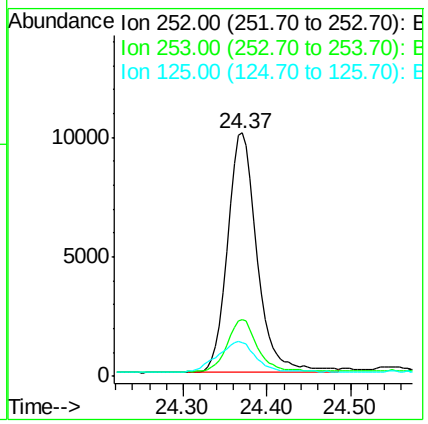


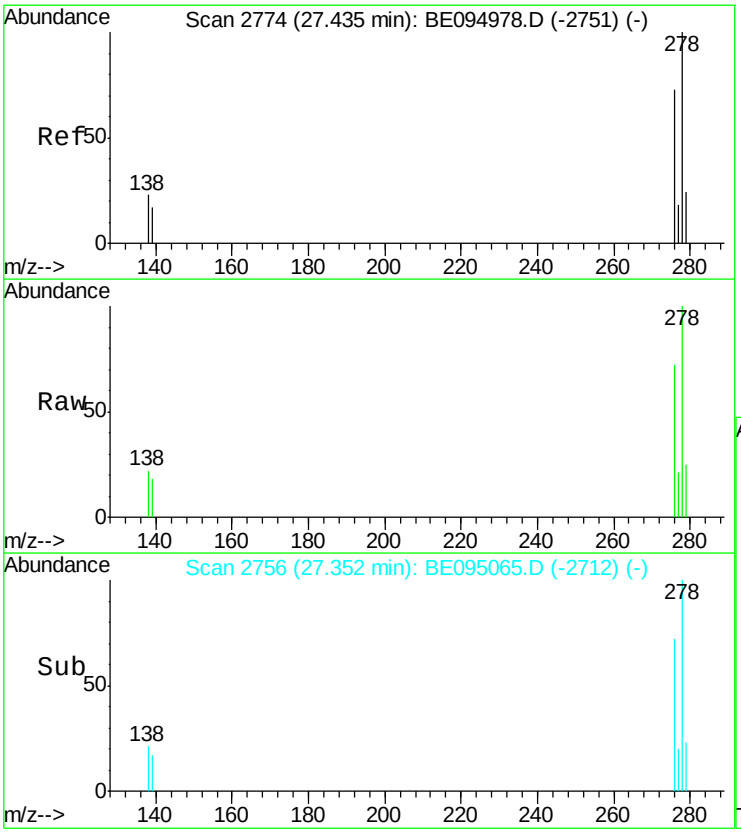


#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 24.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:252 Resp: 24581

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.0	24.0
125	13.8	12.0	18.0

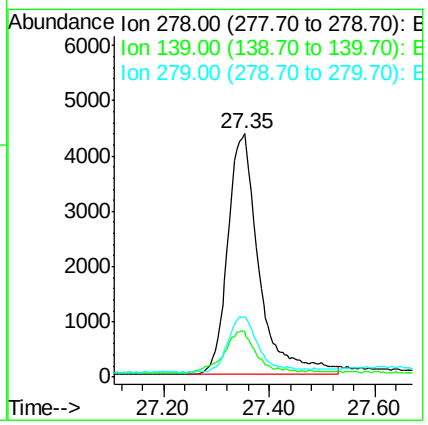


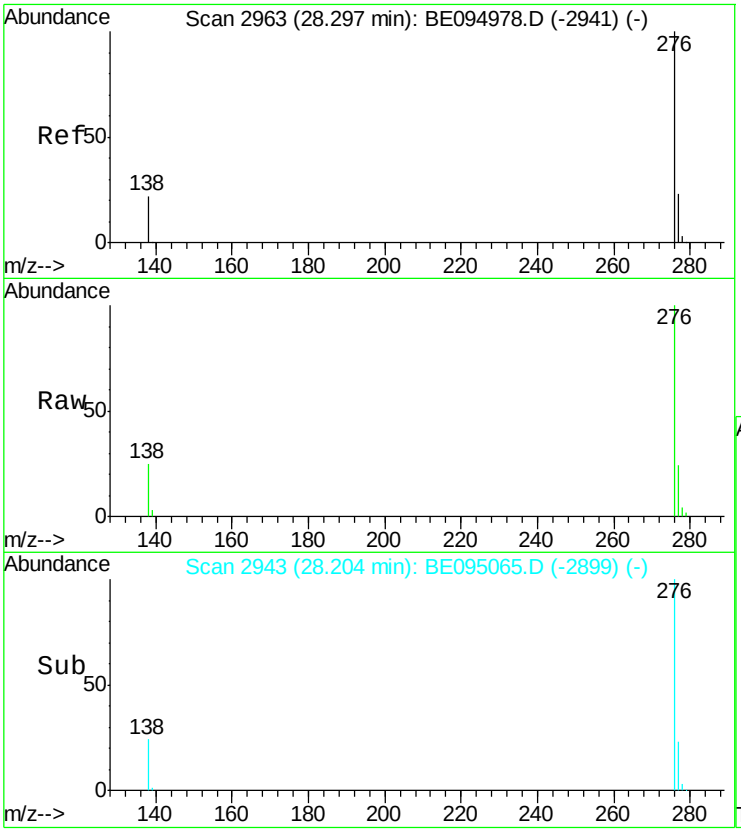


#38
Dibenzo(a,h)anthracene
Concen: 0.301 ng
RT: 27.35 min Scan# 2756
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:278 Resp: 17930

Ion	Ratio	Lower	Upper
278	100		
139	18.5	16.0	24.0
279	25.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.362 ng
RT: 28.20 min Scan# 2943
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:276 Resp: 21458

Ion	Ratio	Lower	Upper
276	100		
277	23.8	16.0	24.0
138	25.2	20.0	30.0