Quantitation Report (Not 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 12:55:37 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 27 12:15:11 2017
Response via : Initial Calibration

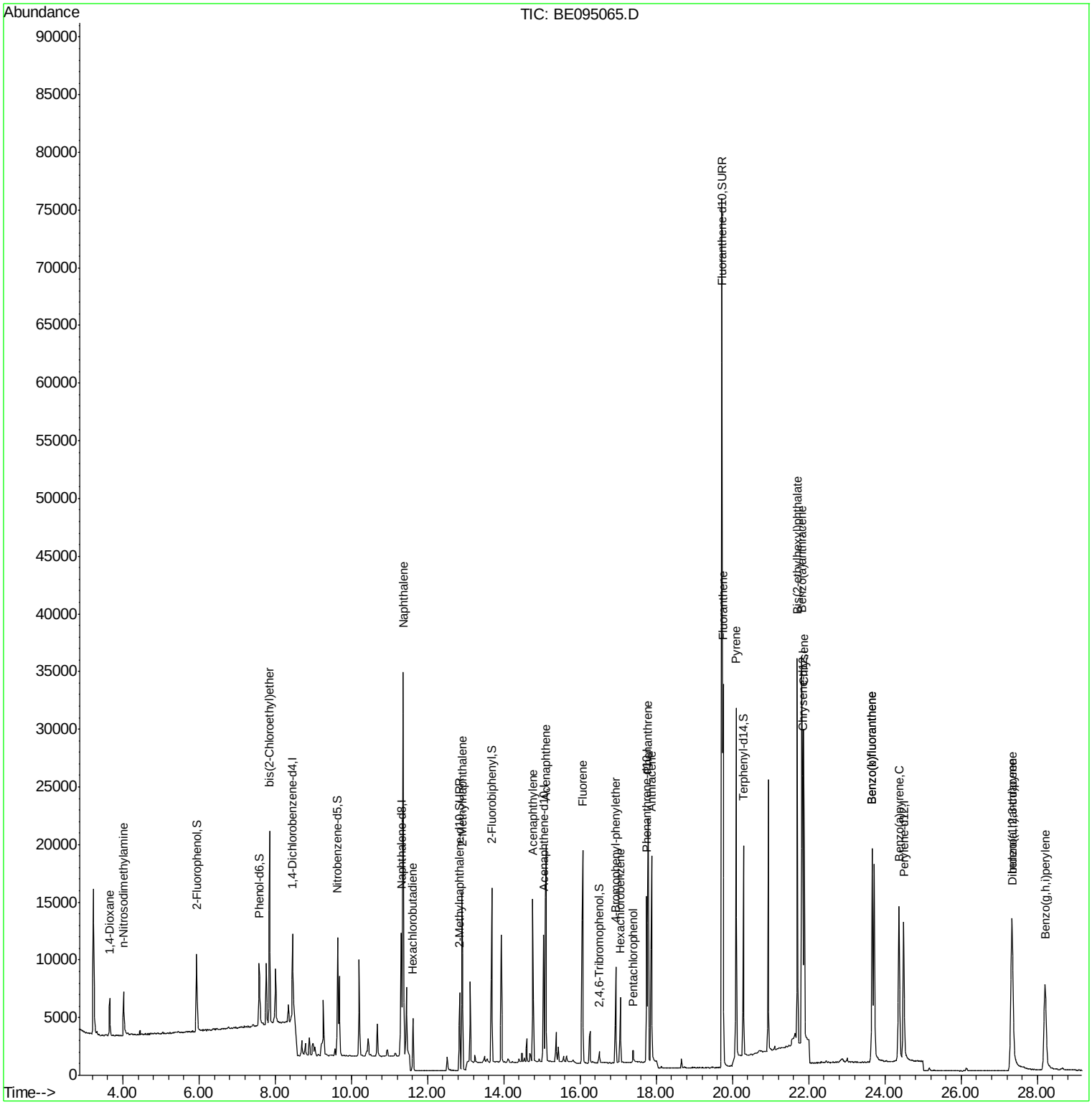
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6184	0.40	ng		-0.01
7) Naphthalene-d8	11.31	136	14786	0.40	ng		-0.02
13) Acenaphthene-d10	15.04	164	7868	0.40	ng		-0.02
19) Phenanthrene-d10	17.74	188	18644	0.40	ng		-0.03
27) Chrysene-d12	21.84	240	22160	0.40	ng		-0.03
34) Perylene-d12	24.49	264	19713	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	3761	0.39	ng		-0.01
5) Phenol-d6	7.58	99	5476	0.38	ng		-0.01
8) Nitrobenzene-d5	9.63	82	4682	0.39	ng		-0.02
11) 2-Methylnaphthalene-d10	12.84	152	9151	0.38	ng		-0.02
14) 2,4,6-Tribromophenol	16.50	330	599	0.33	ng		-0.03
15) 2-Fluorobiphenyl	13.68	172	13553	0.39	ng		-0.02
25) Fluoranthene-d10	19.72	212	99863	0.41	ng		-0.03
29) Terphenyl-d14	20.28	244	16836	0.40	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	2403	0.394	ng	#	92
3) n-Nitrosodimethylamine	4.01	42	2963	0.411	ng	#	89
6) bis(2-Chloroethyl)ether	7.85	93	5700	0.409	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	896	0.404	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	0.444	ng		98
30) Benzo(a)anthracene	21.82	228	26562	0.410	ng	#	61
31) Chrysene	21.87	228	31197	0.428	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.70	149	37035	0.449	ng		100
33) Indeno(1,2,3-cd)pyrene	27.32	276	23754	0.400	ng		96
35) Benzo(b)fluoranthene	23.67	252	26433	0.365	ng	#	89
36) Benzo(k)fluoranthene	23.67	252	26433	0.360	ng		94
37) Benzo(a)pyrene	24.37	252	24581	0.383	ng		95
38) Dibenzo(a,h)anthracene	27.35	278	18000	0.302	ng		98
39) Benzo(g,h,i)perylene	28.20	276	21458	0.362	ng		96

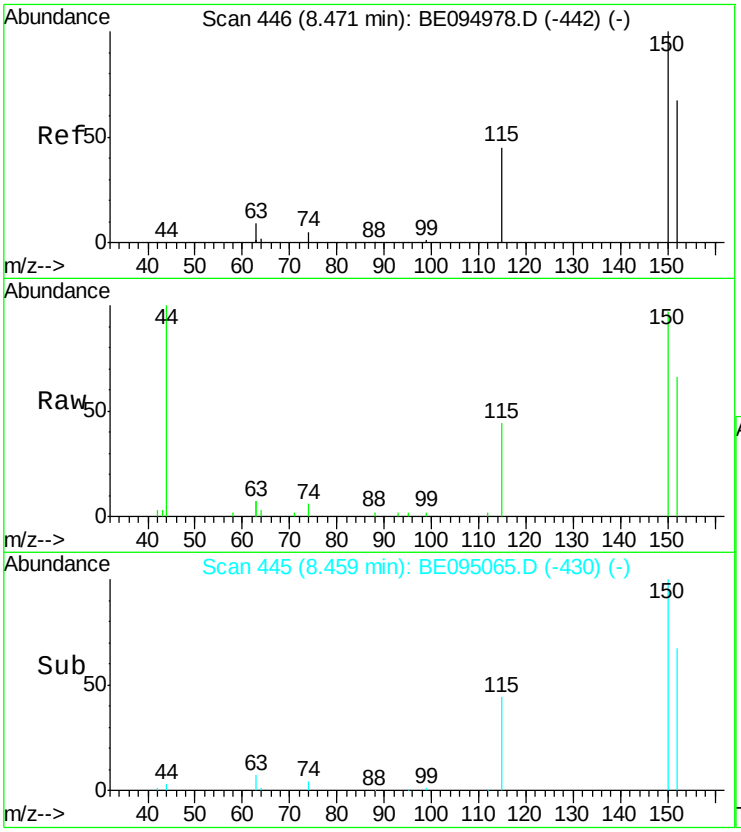
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not 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 12:55:37 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 27 12:15:11 2017
Response via : Initial Calibration

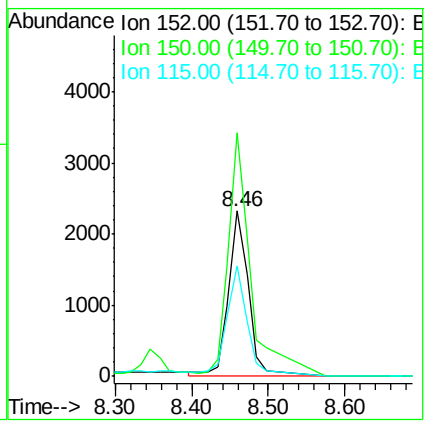


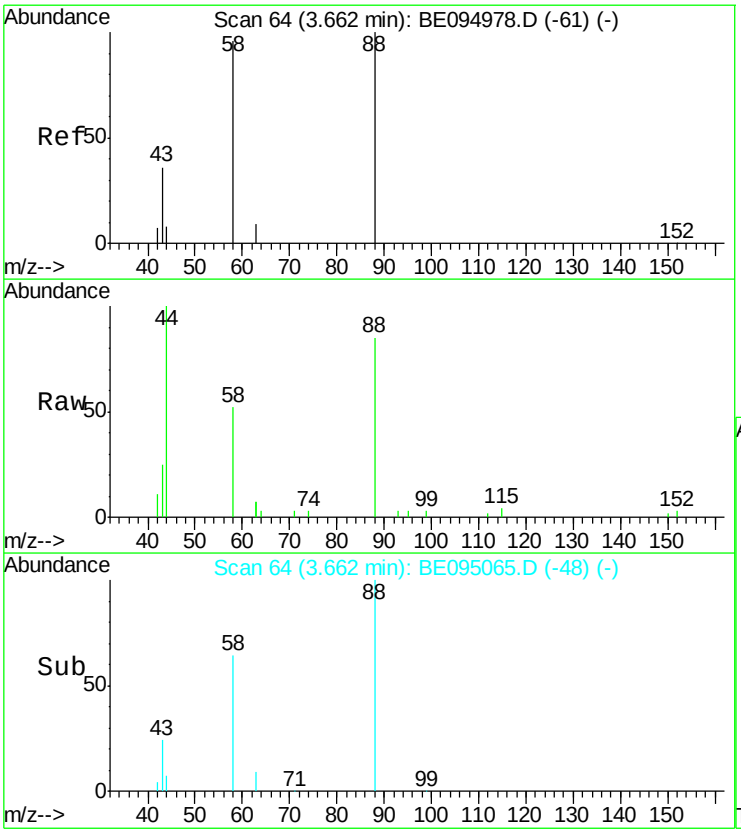


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:152 Resp: 6184

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

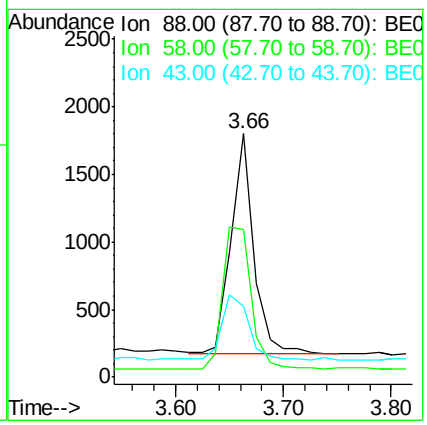


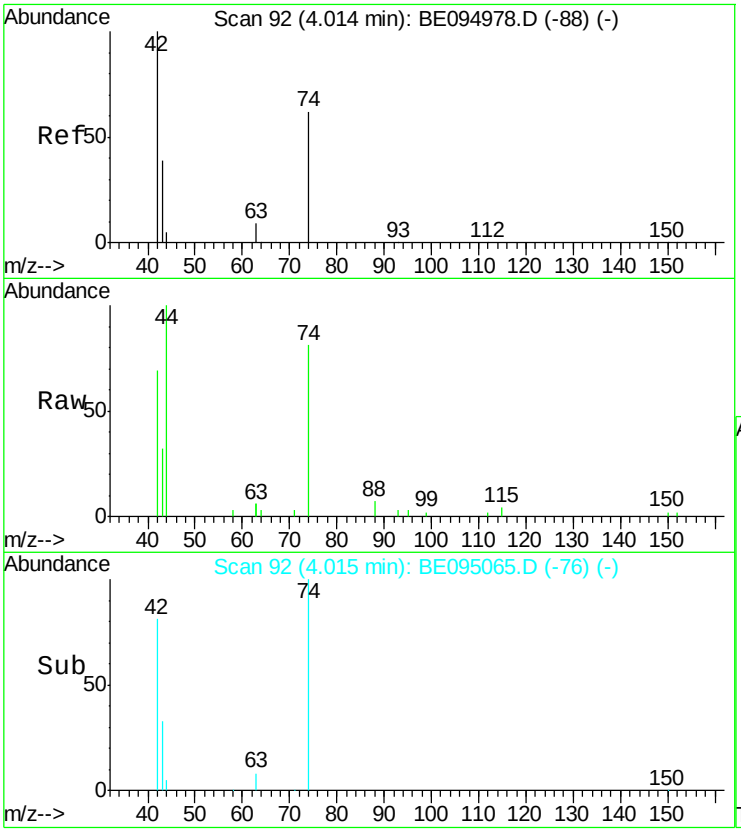


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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#

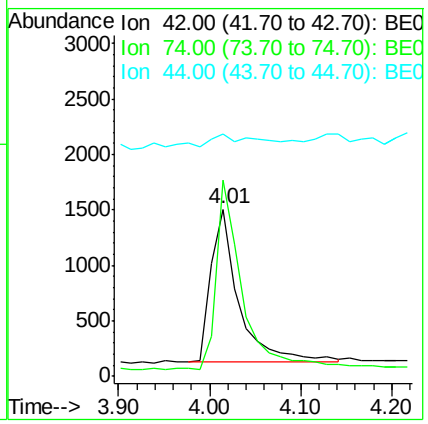


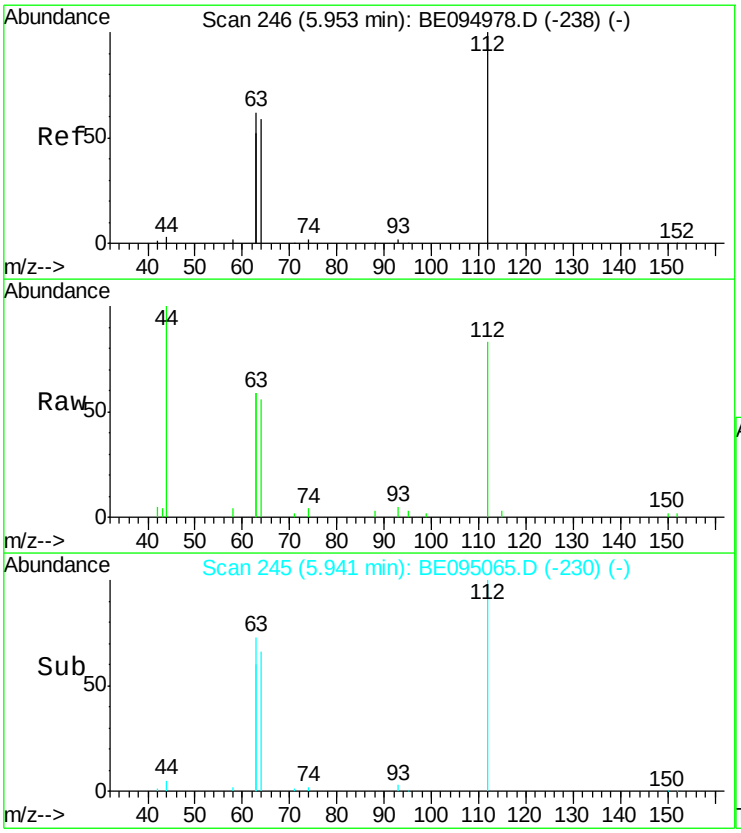


#3
n-Nitrosodimethylamine
Concen: 0.411 ng
RT: 4.01 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion: 42 Resp: 2963

Ion	Ratio	Lower	Upper
42	100		
74	112.2	96.0	144.0
44	34.4	12.0	18.0#

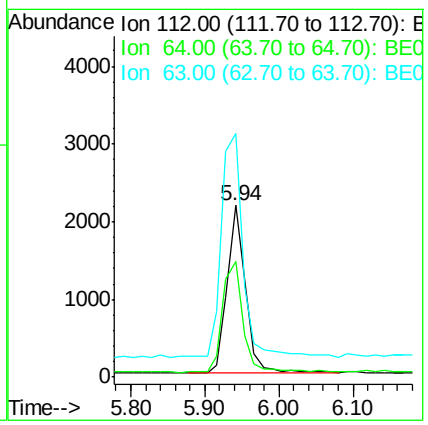


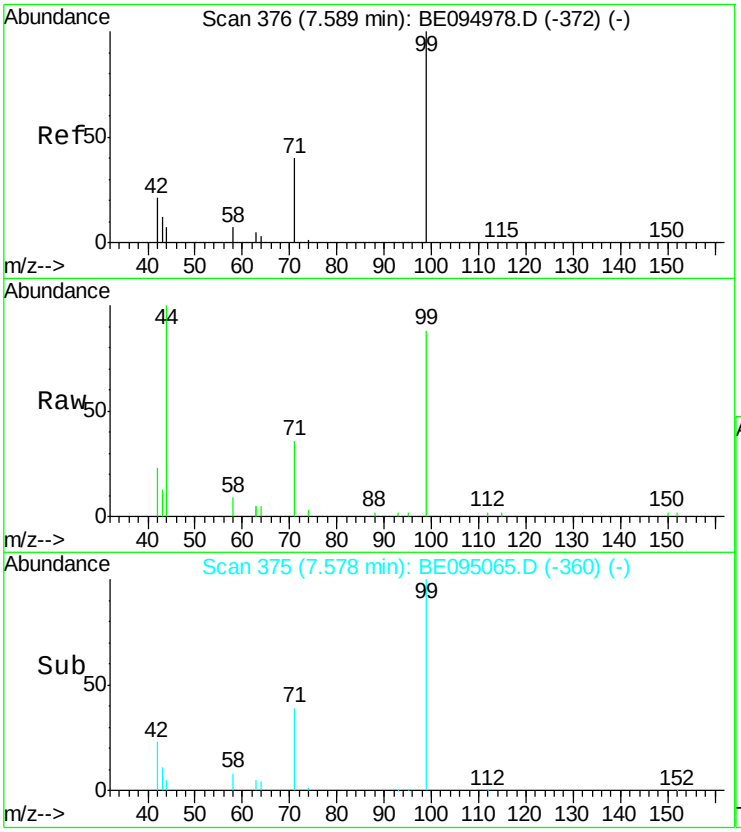


#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

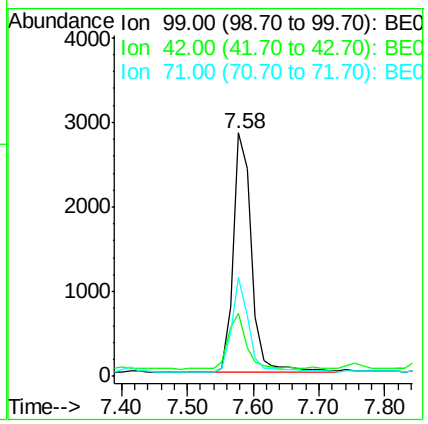


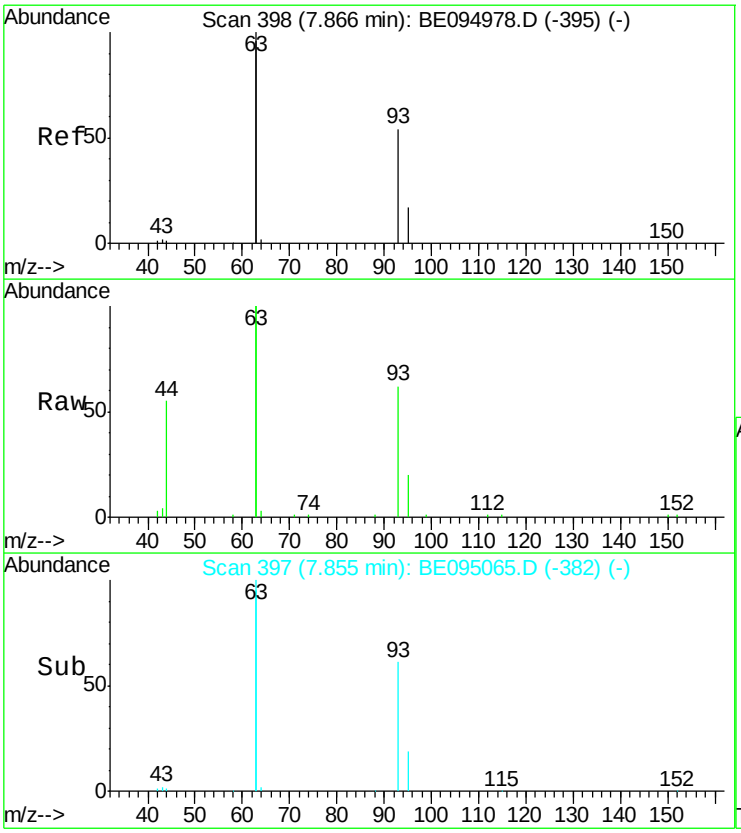


#5
Phenol-d6
Concen: 0.384 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

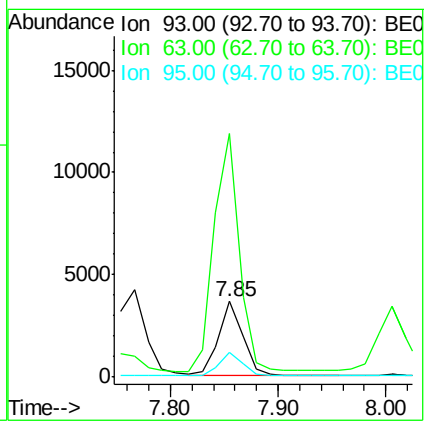


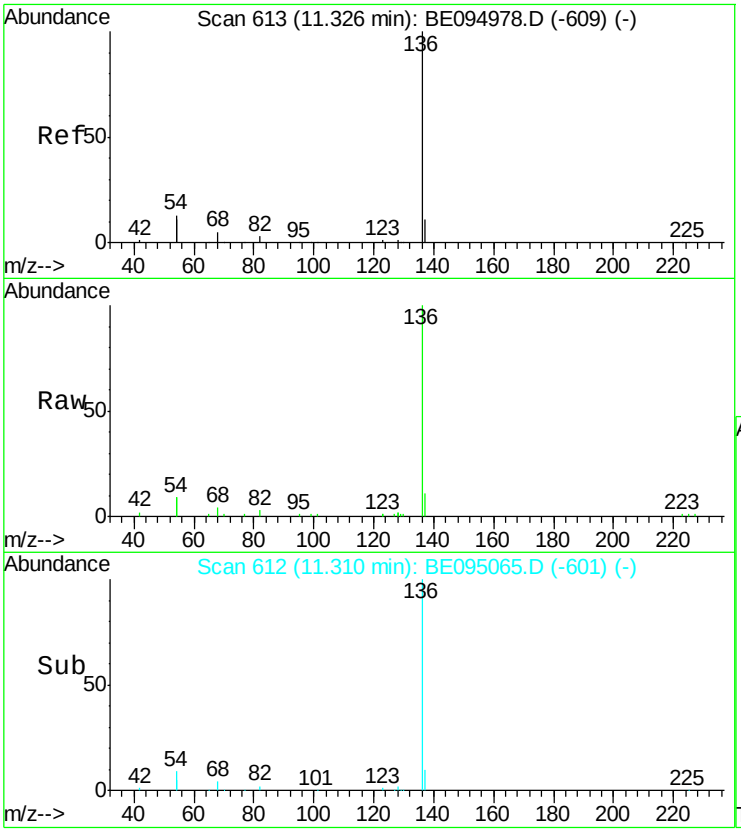


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.85 min Scan# 397
Delta R.T. -0.01 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

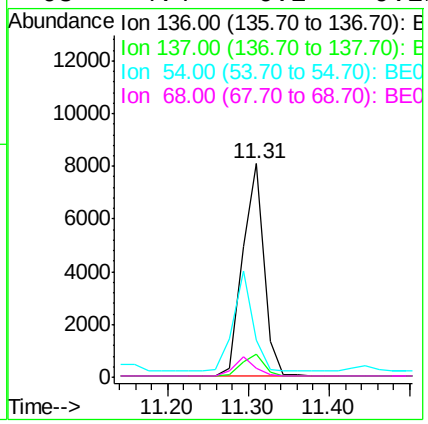


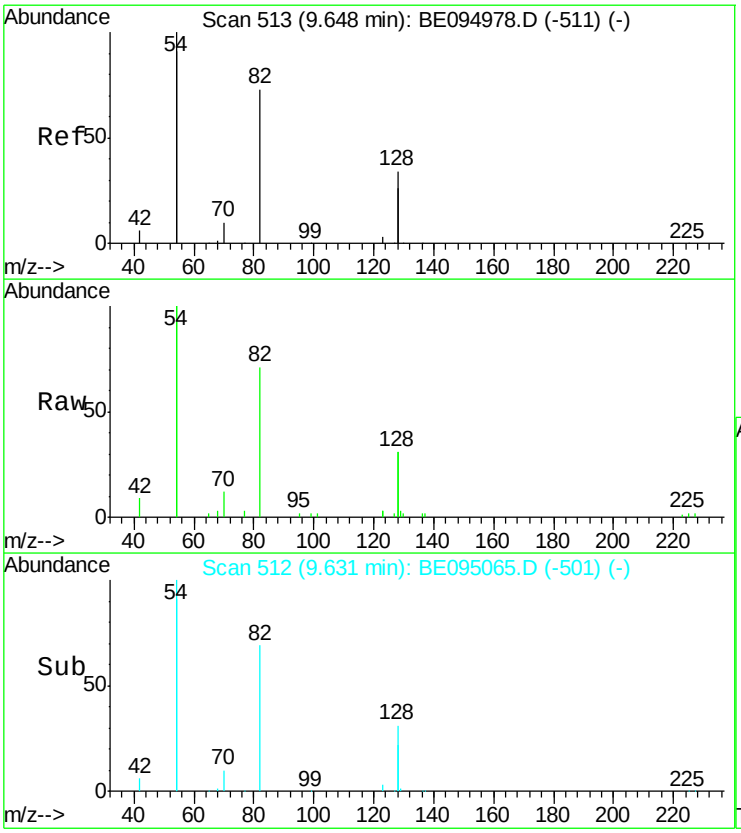


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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#

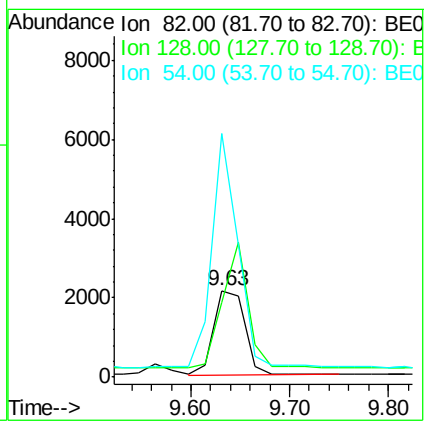


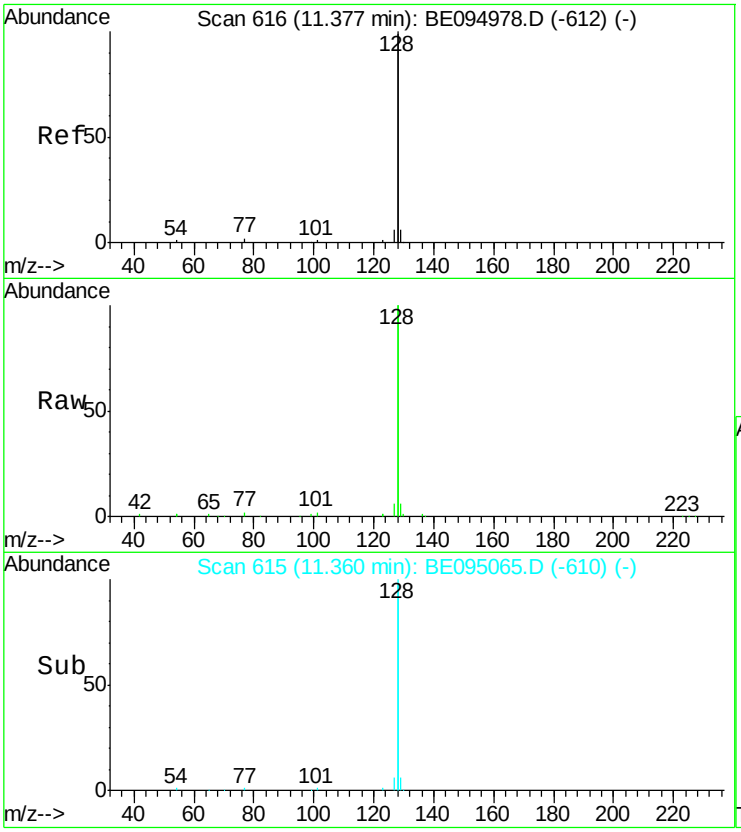


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.02 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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#

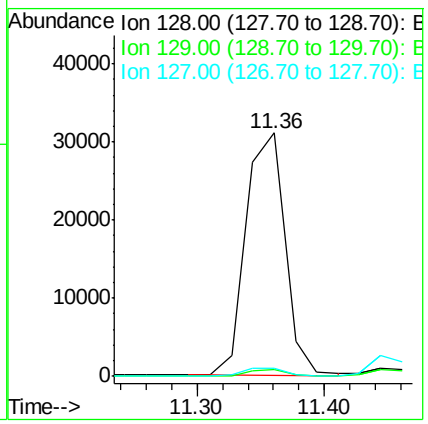


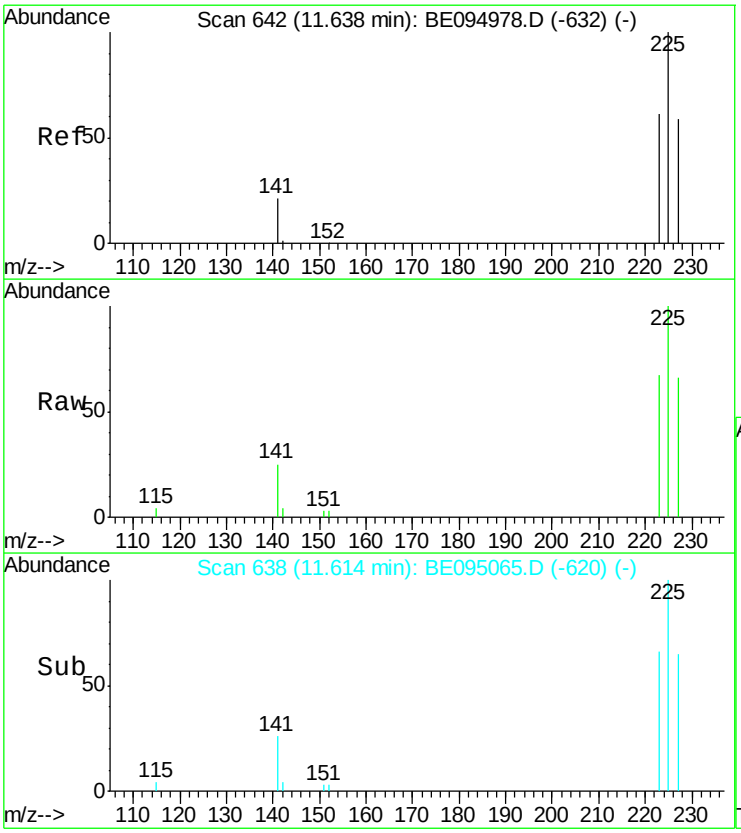


#9
Naphthalene
Concen: 0.380 ng
RT: 11.36 min Scan# 615
Delta R.T. -0.02 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

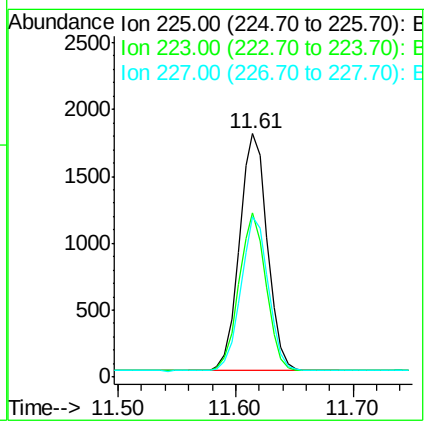


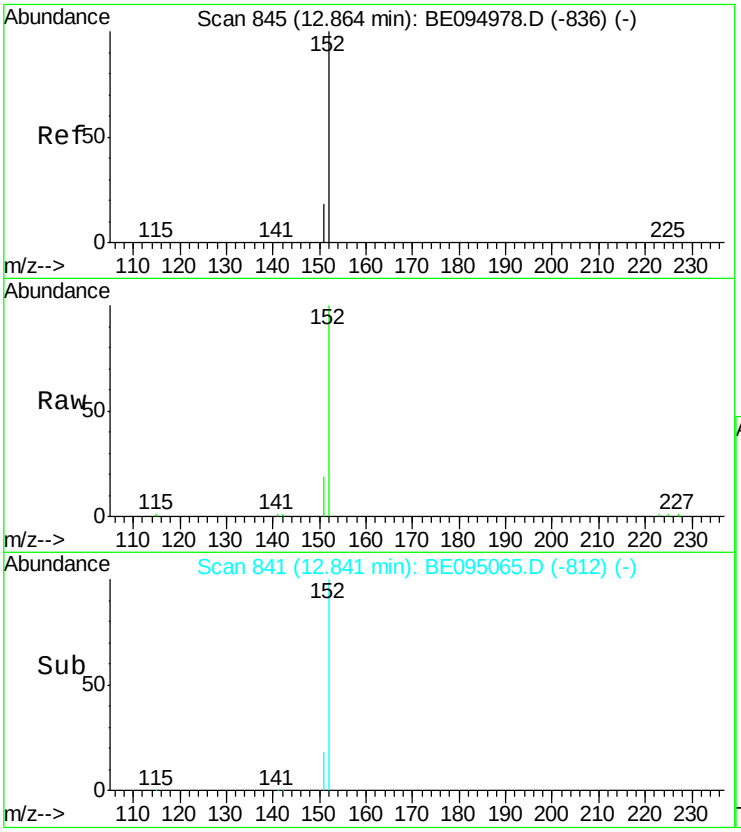


#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 11.61 min Scan# 638
Delta R.T. -0.02 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

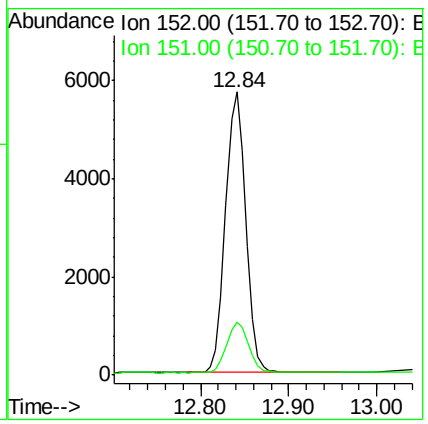


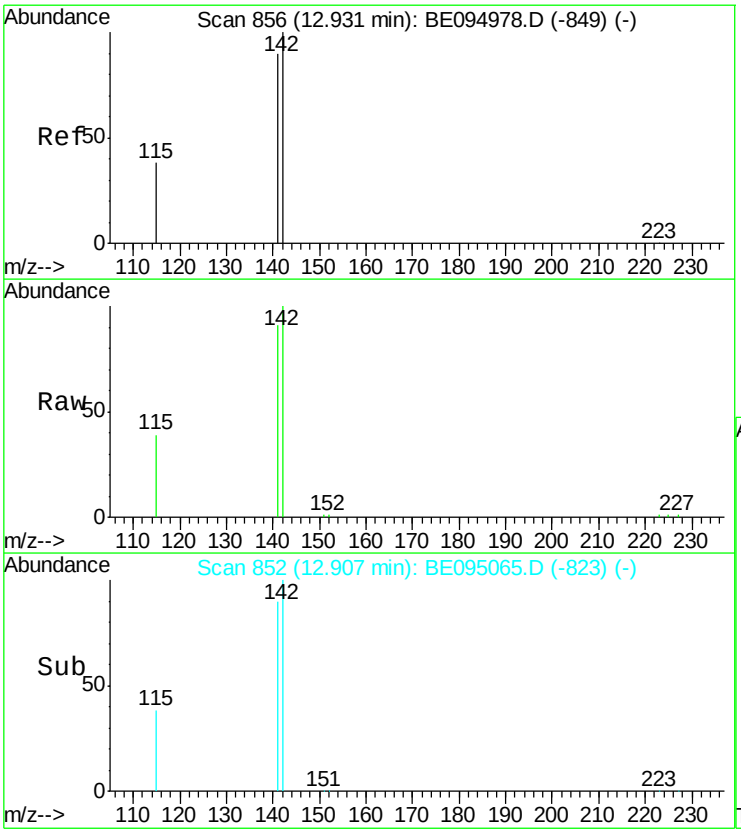


#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.02 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:152 Resp: 9151

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

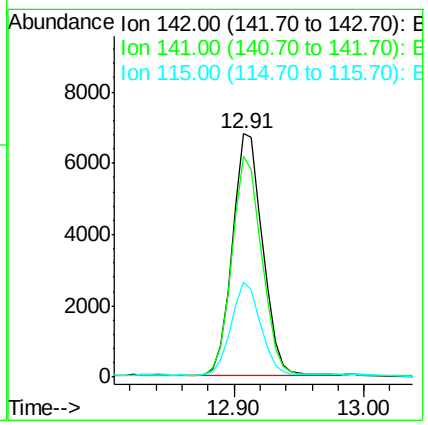


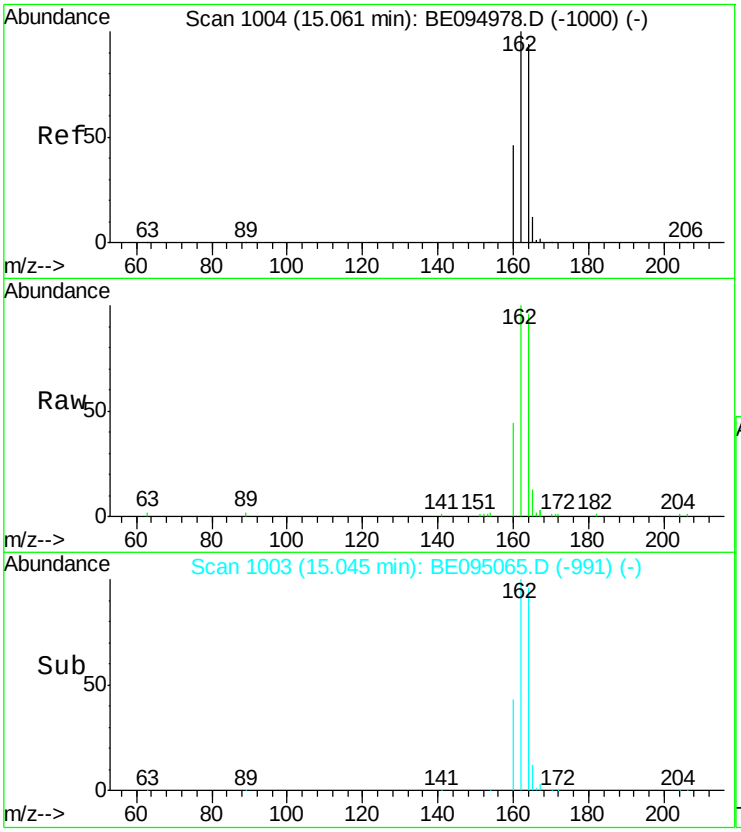


#12
2-Methylnaphthalene
Concen: 0.252 ng
RT: 12.91 min Scan# 852
Delta R.T. -0.02 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

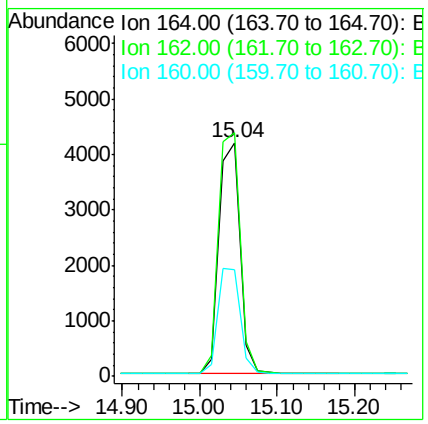


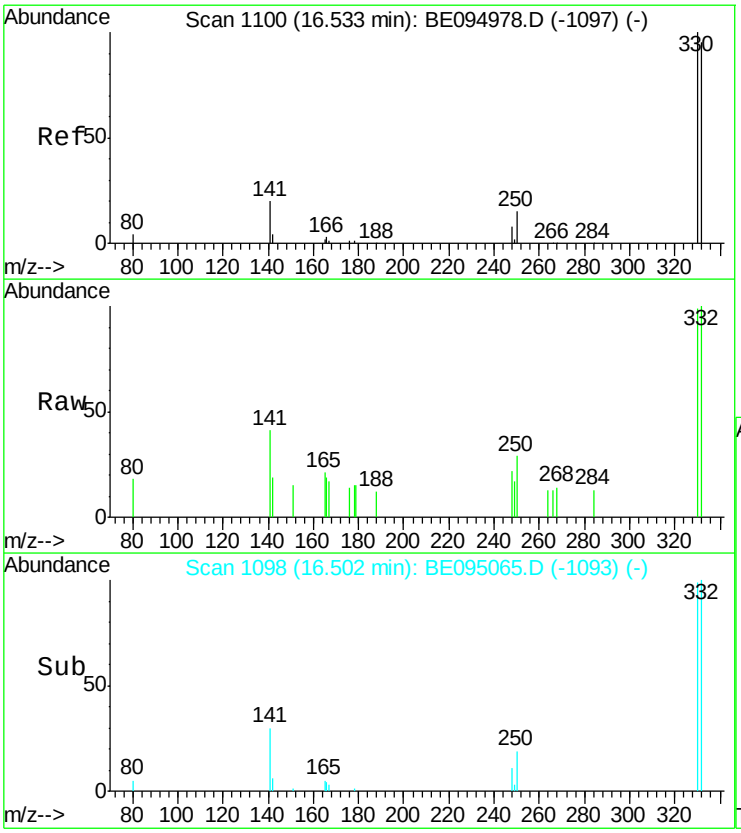


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.04 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

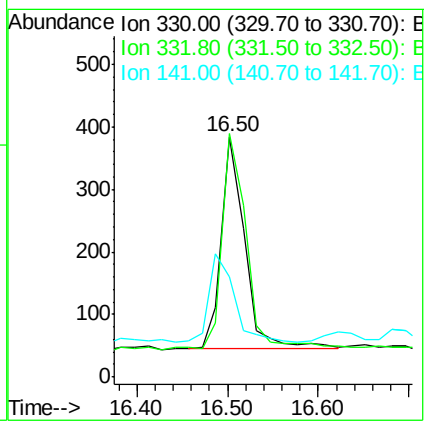


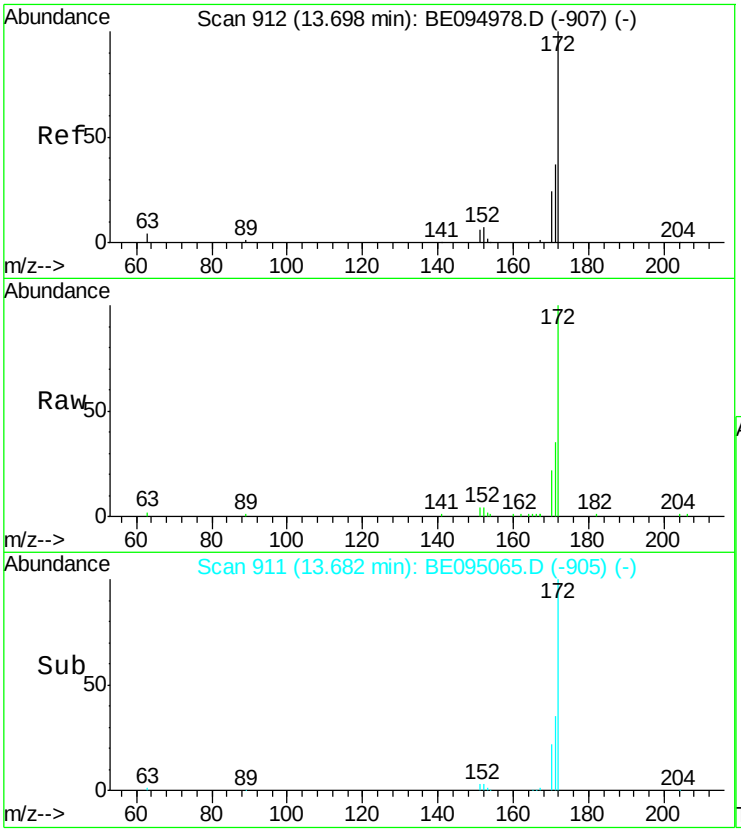


#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:330 Resp: 599

Ion	Ratio	Lower	Upper
330	100		
332	101.5	152.7	229.1#
141	45.9	33.7	50.5

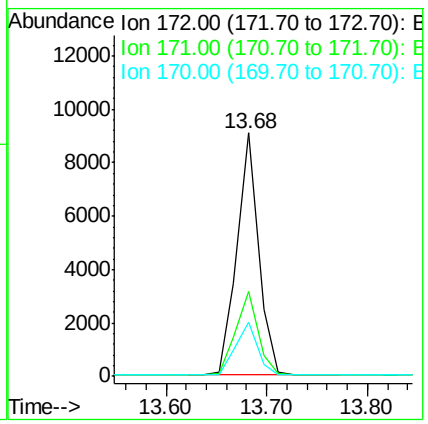


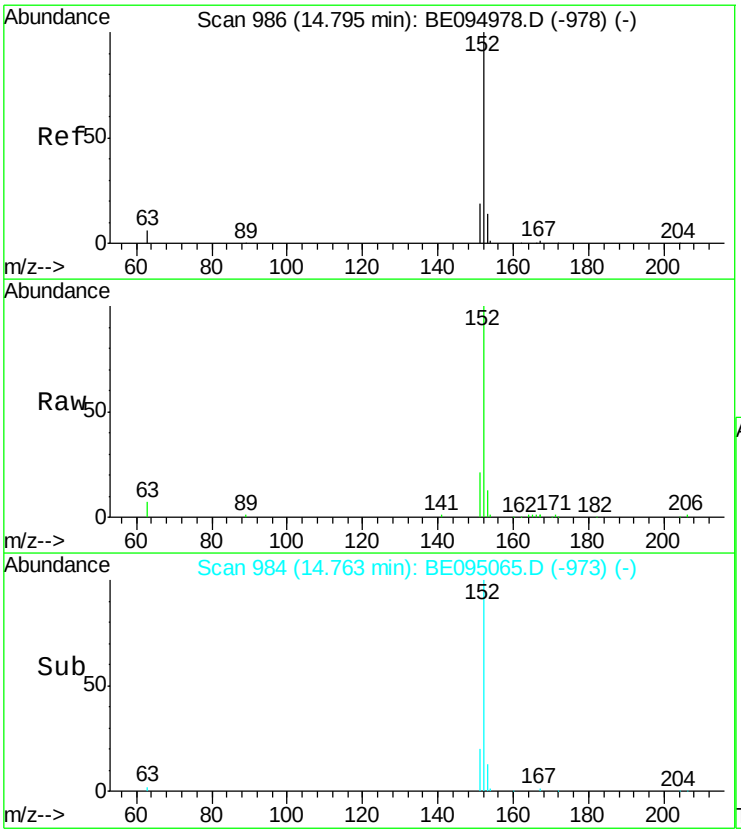


#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

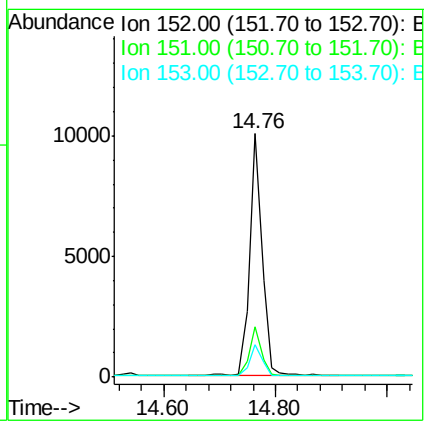


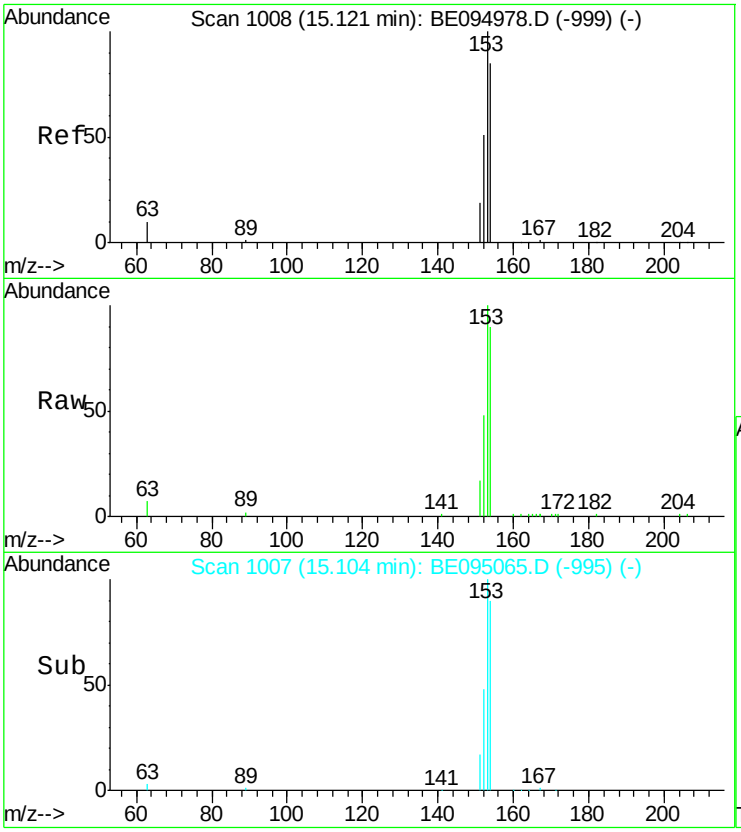


#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

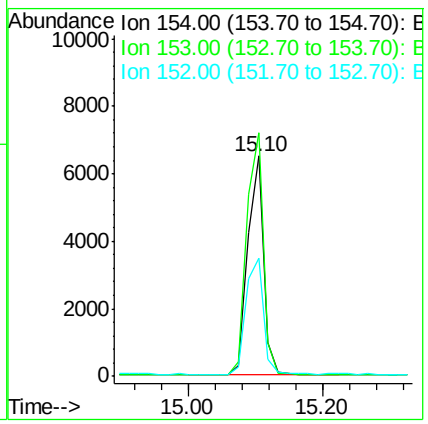


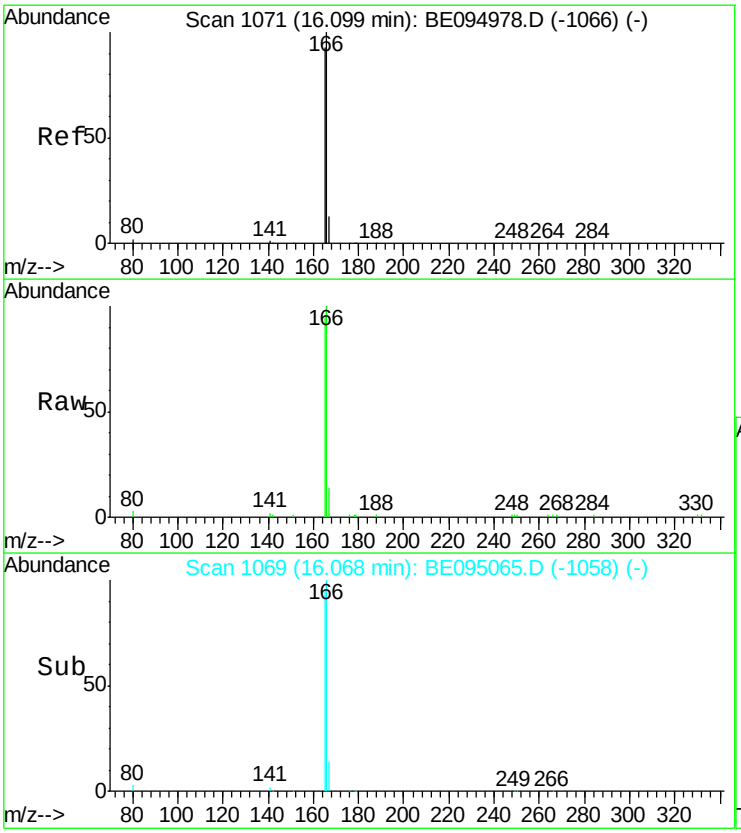


#17
Acenaphthene
Concen: 0.384 ng
RT: 15.10 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

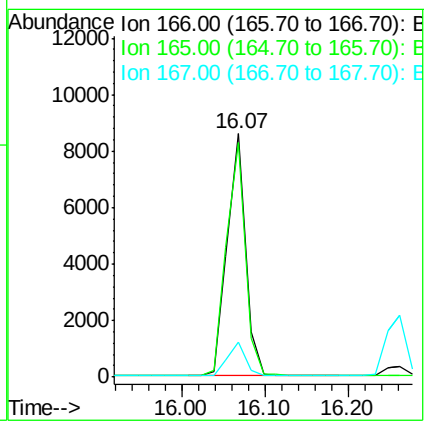


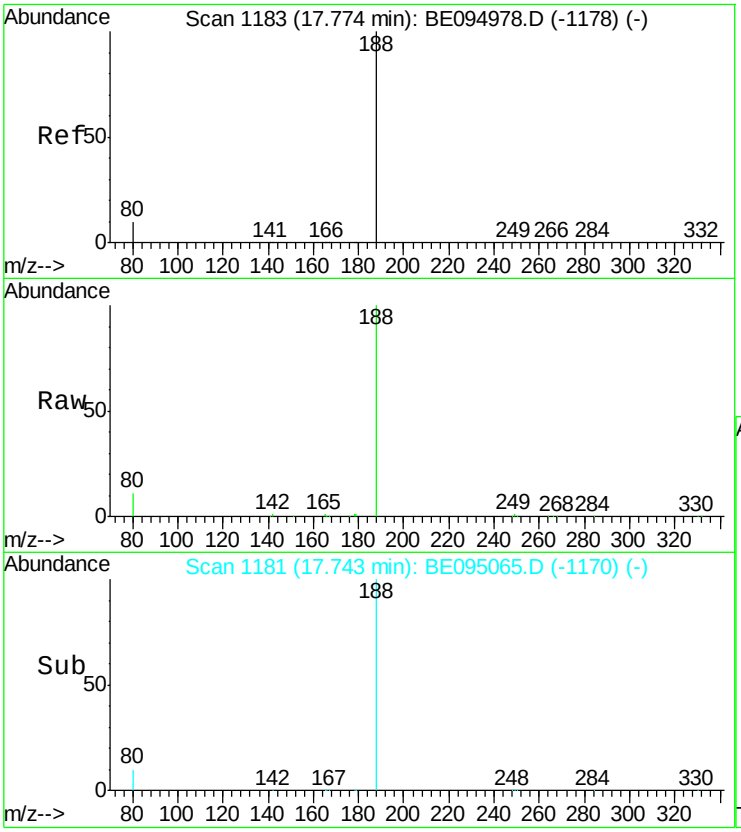


#18
Fluorene
Concen: 0.379 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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#

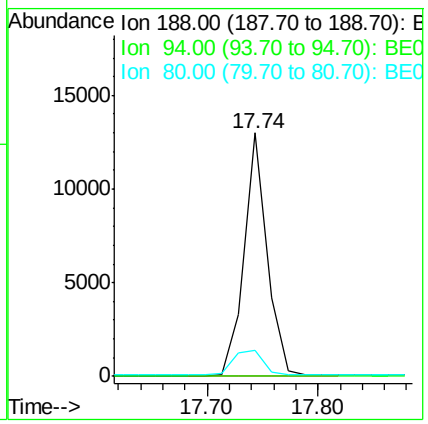


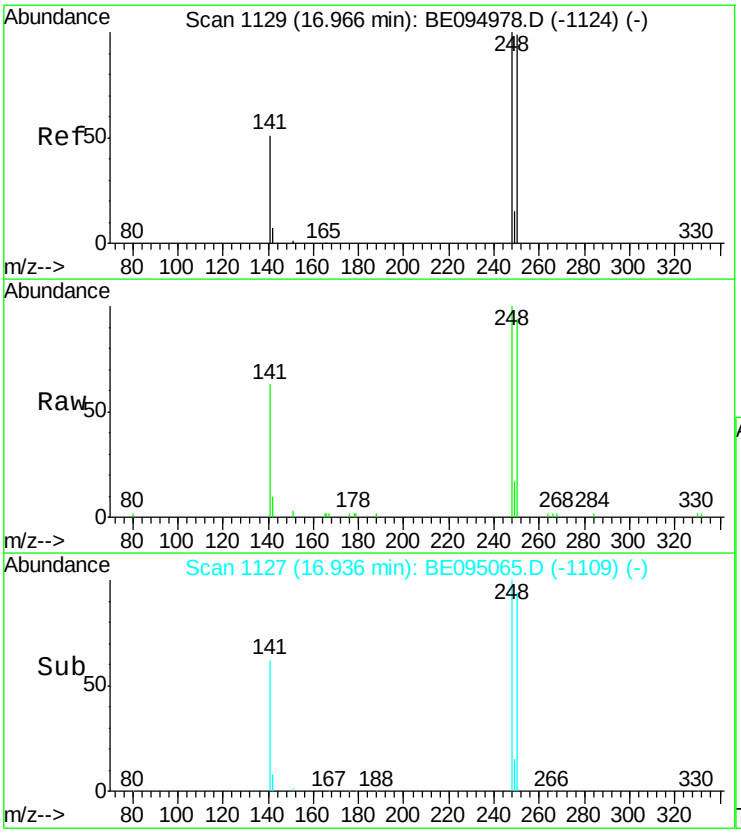


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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#

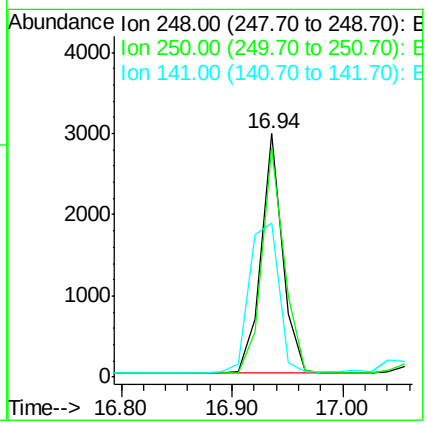


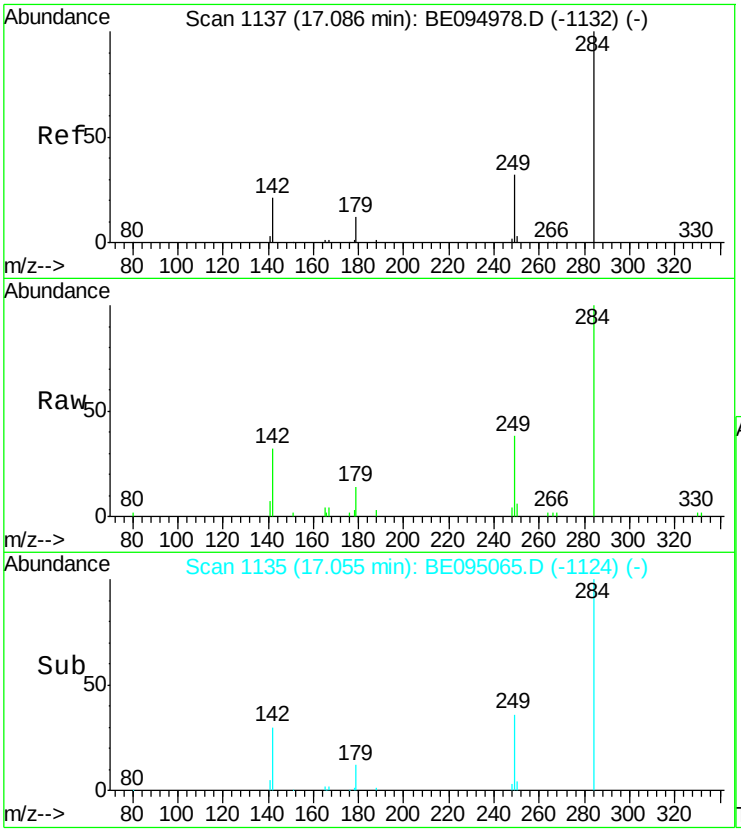


#20
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.94 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

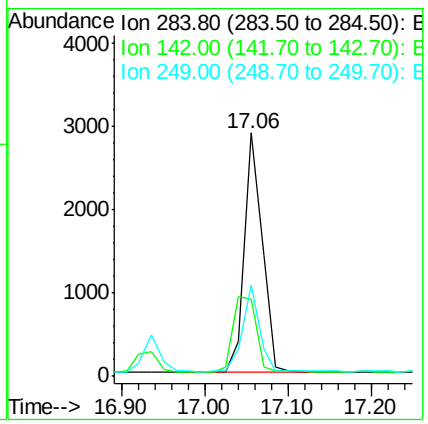


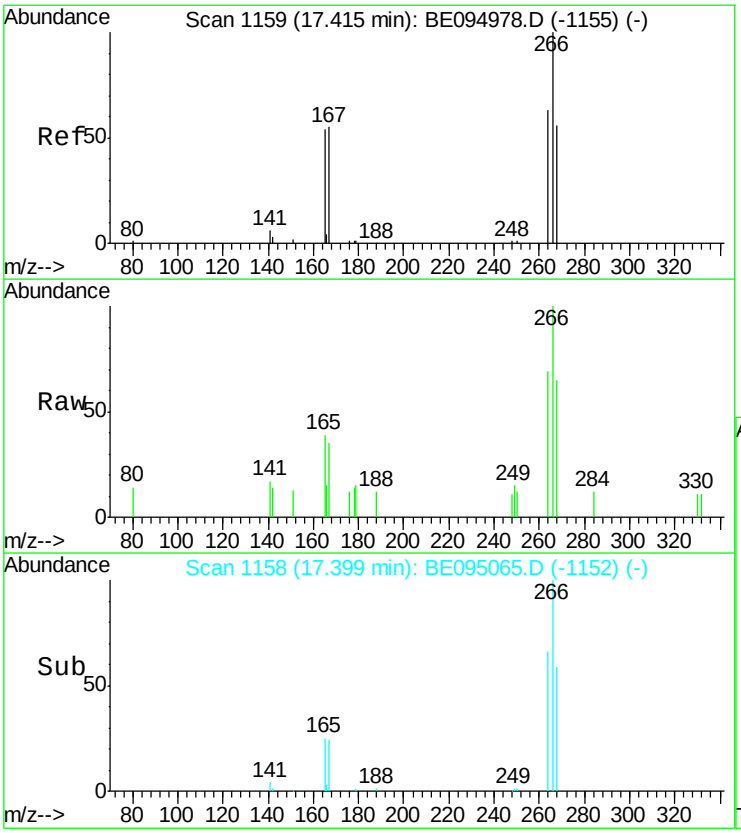


#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 17.06 min Scan# 1135
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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#

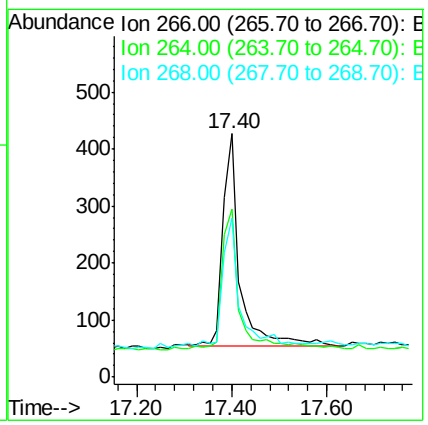


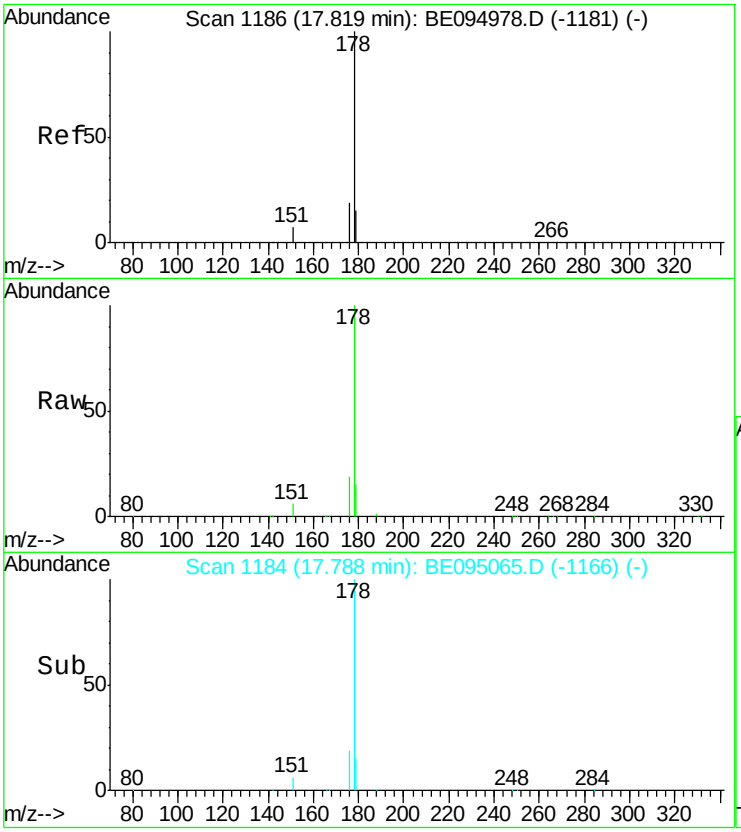


#22
Pentachlorophenol
Concen: 0.404 ng
RT: 17.40 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:266 Resp: 896

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

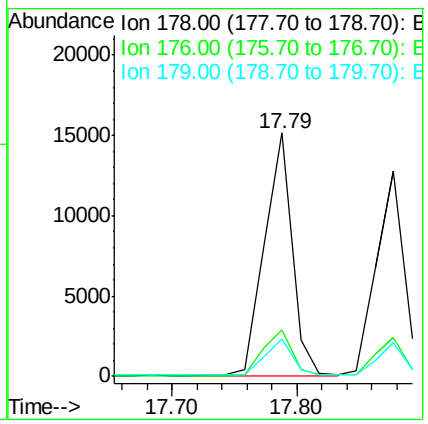


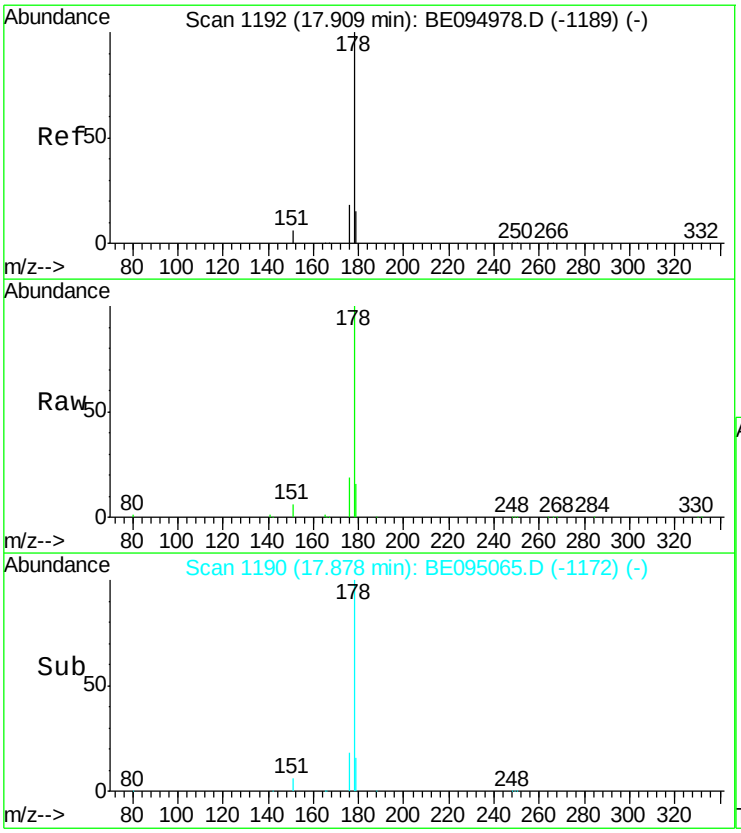


#23
Phenanthrene
Concen: 0.402 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

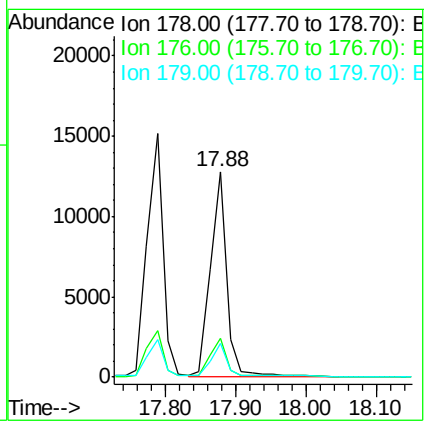


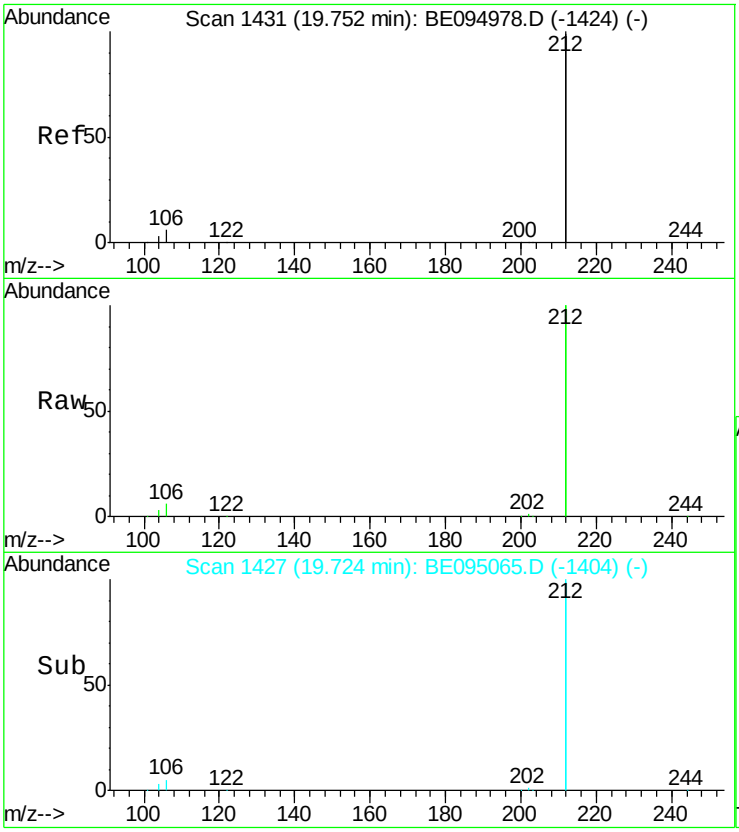


#24
Anthracene
Concen: 0.388 ng
RT: 17.88 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

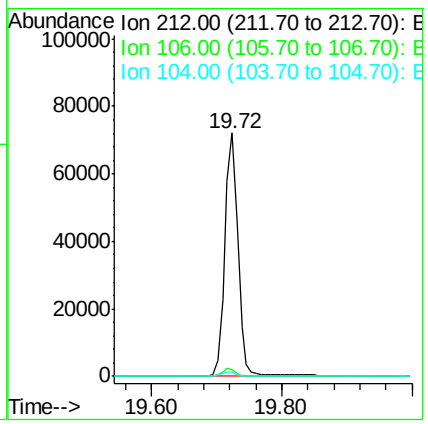


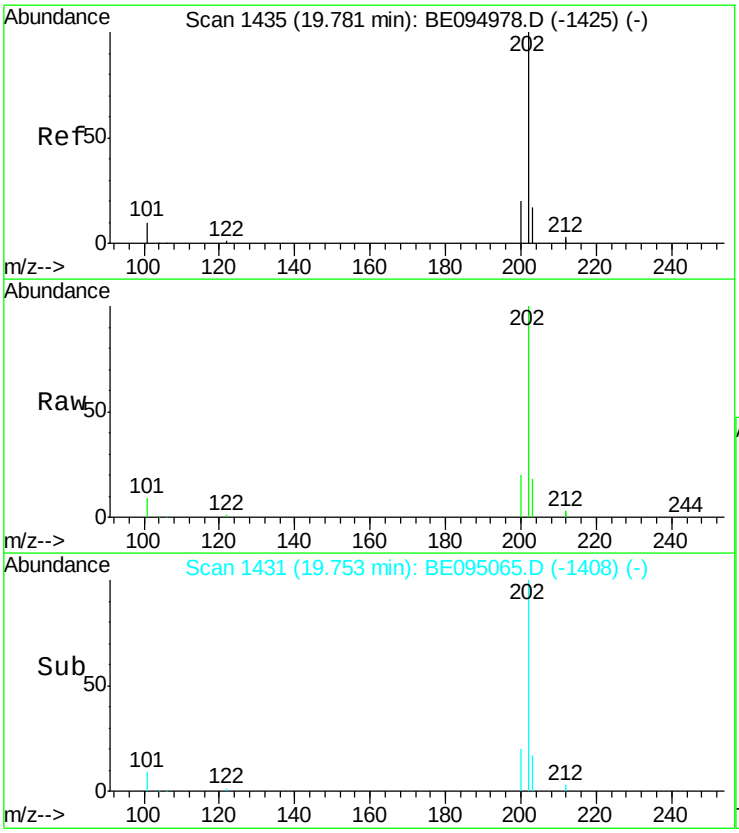


#25
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.72 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

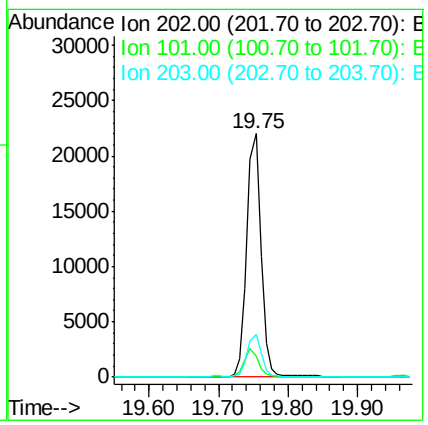


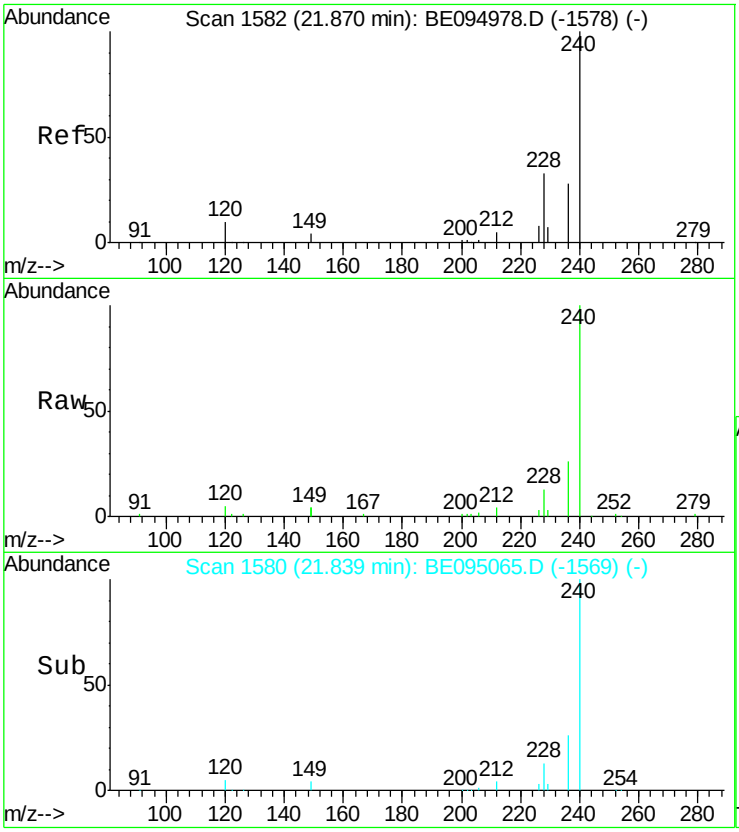


#26
Fluoranthene
Concen: 0.415 ng
RT: 19.75 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

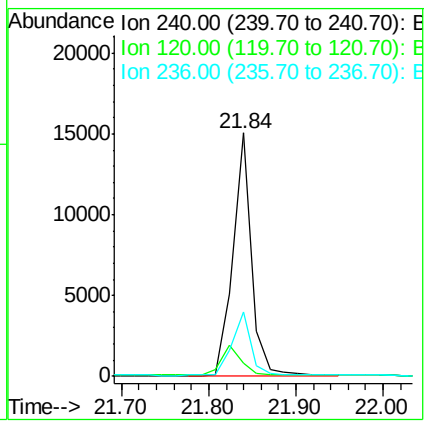


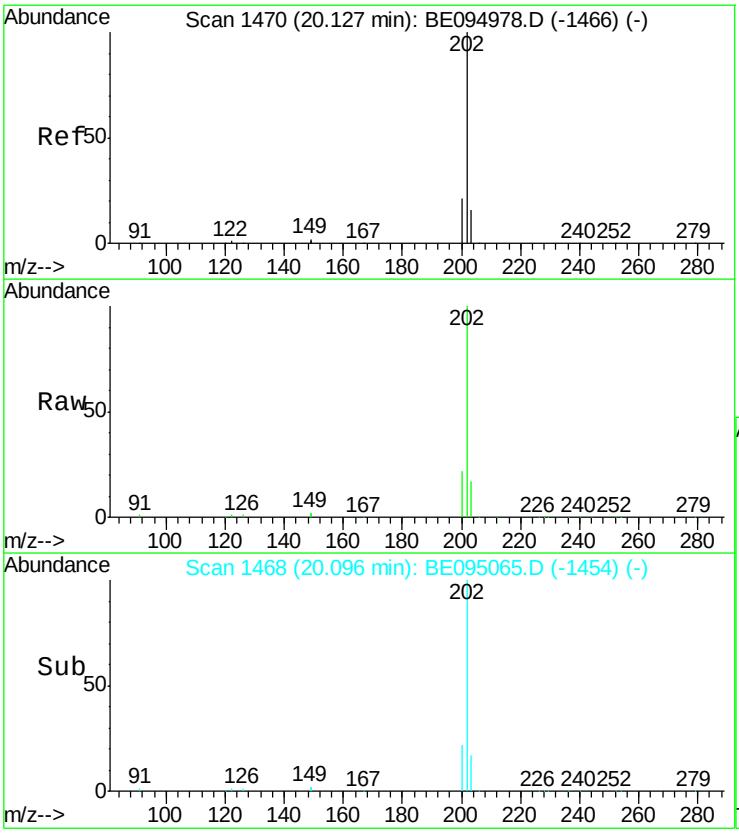


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:240 Resp: 22160

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

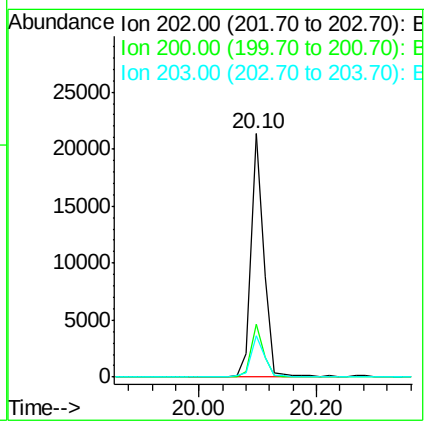


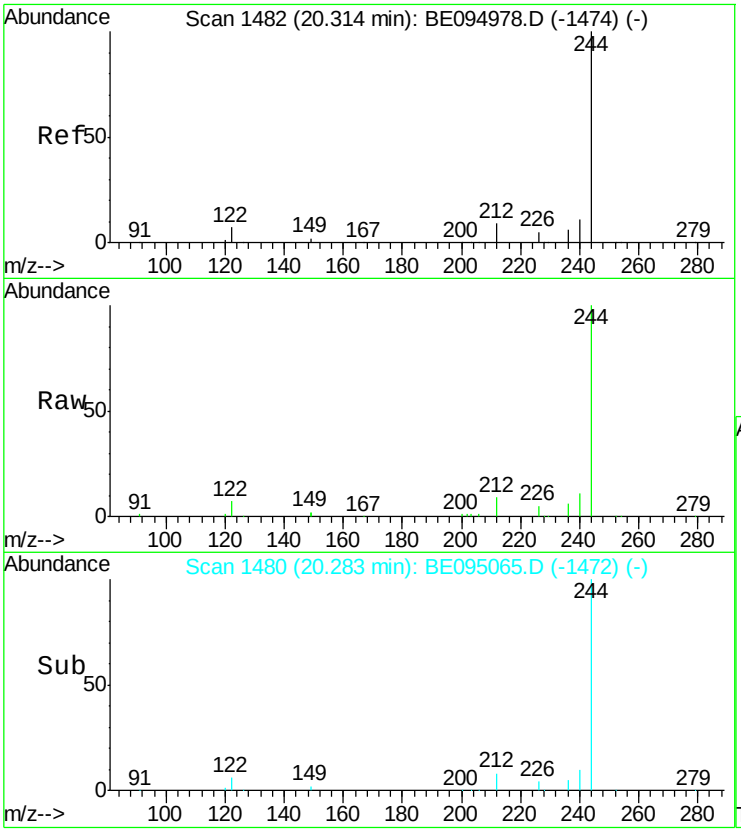


#28
Pyrene
Concen: 0.444 ng
RT: 20.10 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

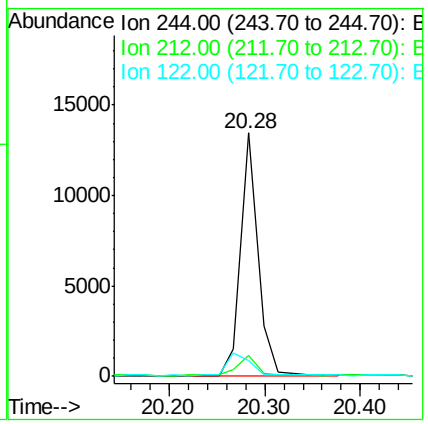


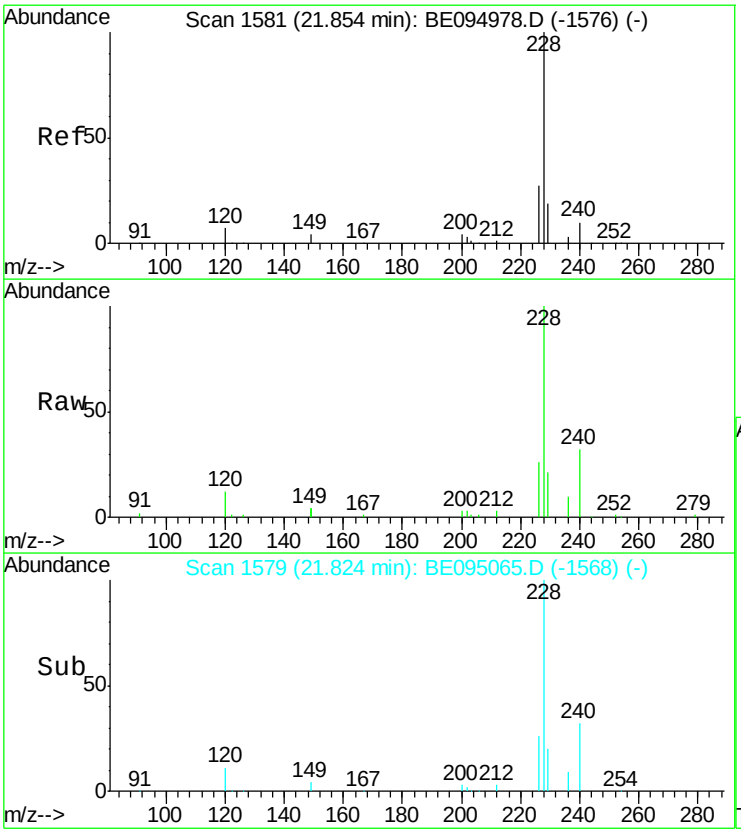


#29
Terphenyl-d14
Concen: 0.404 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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#

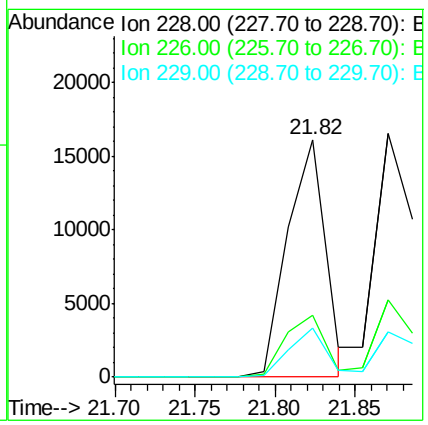


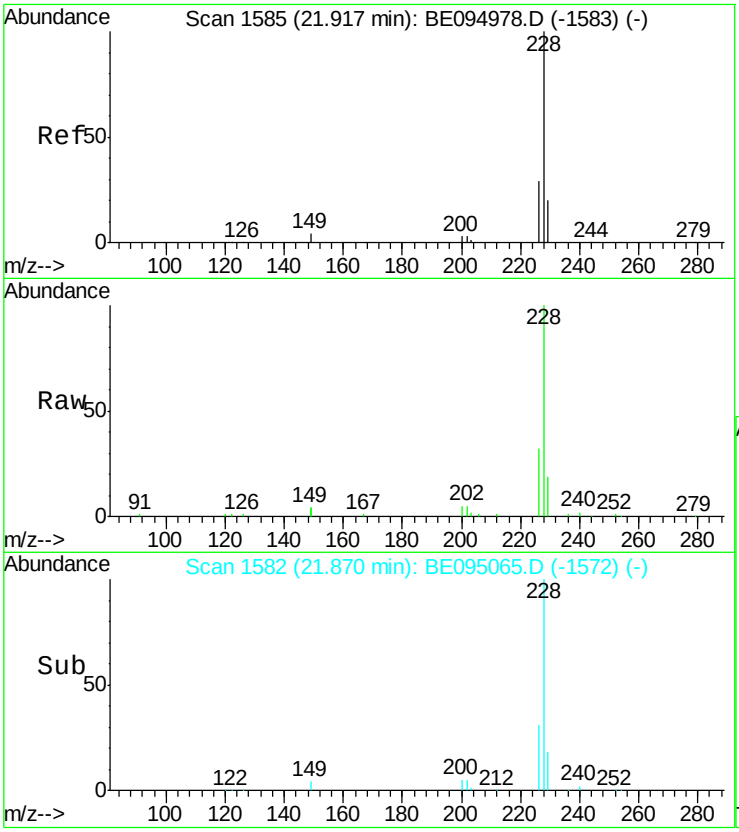


#30
Benzo(a)anthracene
Concen: 0.410 ng
RT: 21.82 min Scan# 1579
Delta R.T. -0.03 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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#

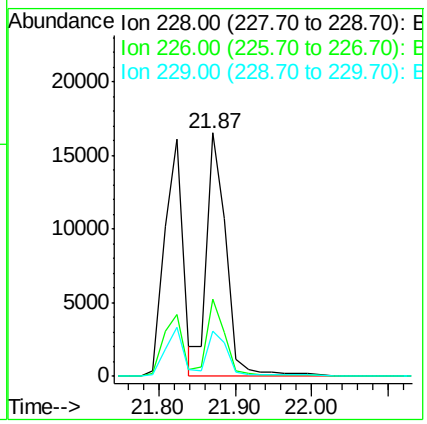


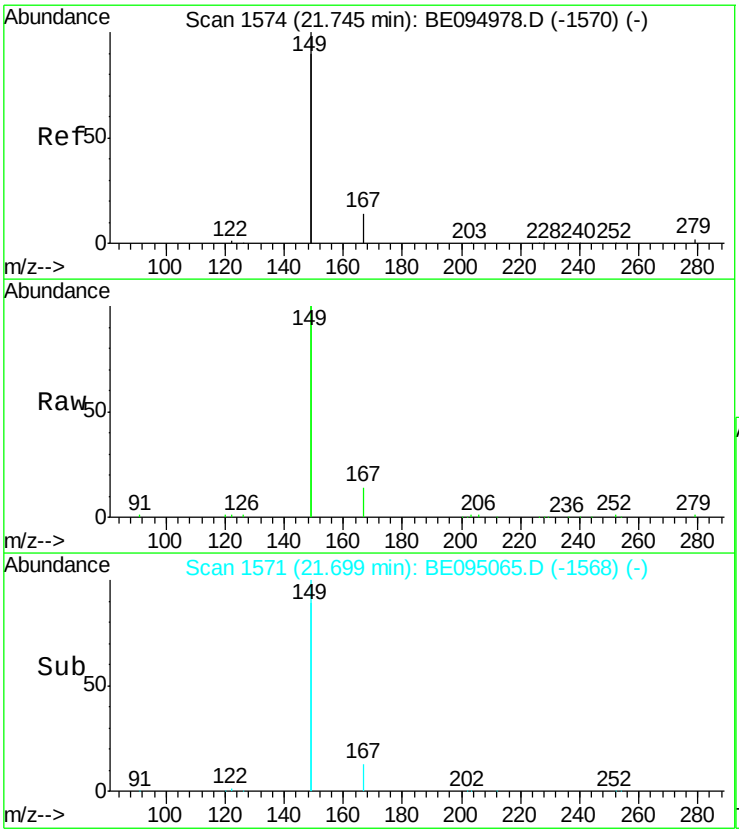


#31
Chrysene
Concen: 0.428 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.05 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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#

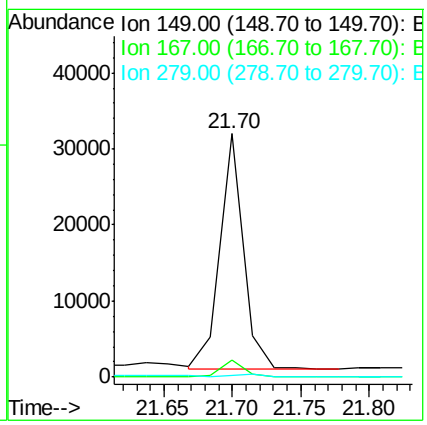


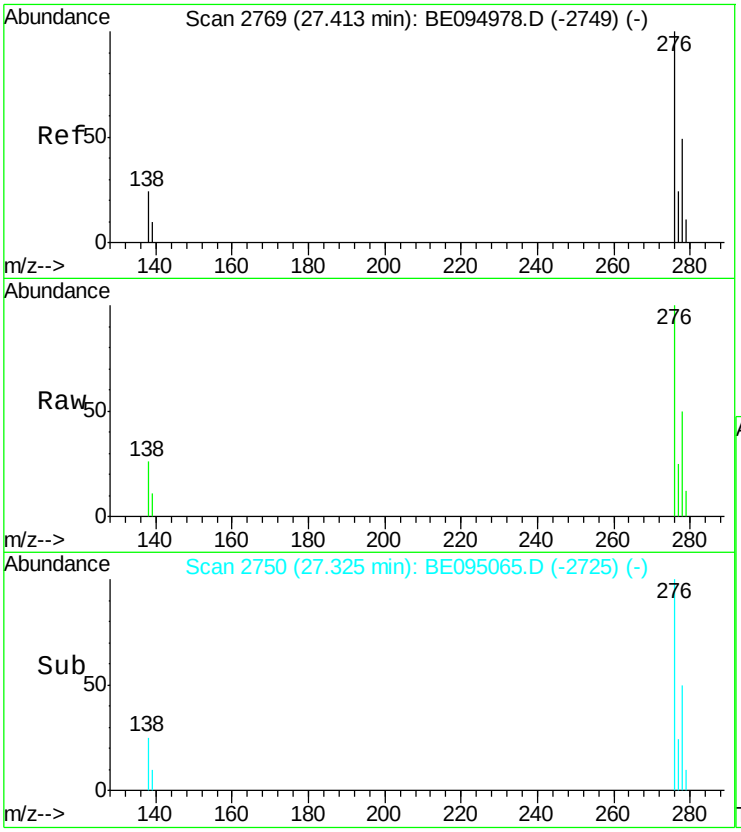


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.449 ng
RT: 21.70 min Scan# 1571
Delta R.T. -0.05 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:149 Resp: 37035

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

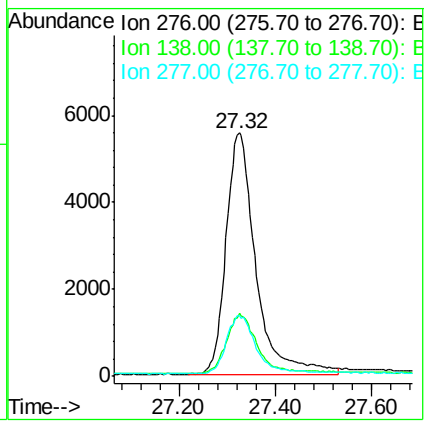


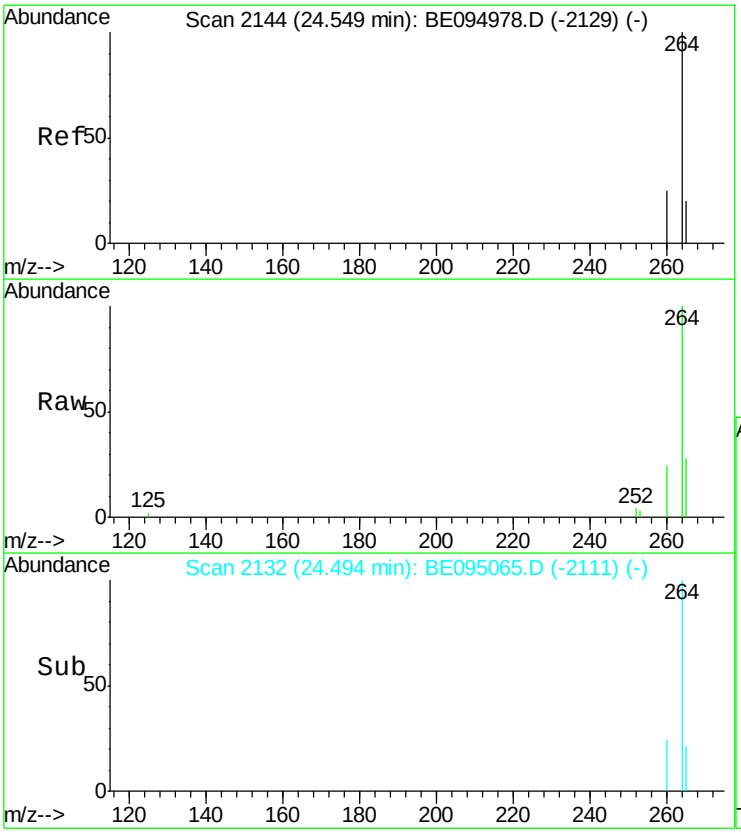


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng
RT: 27.32 min Scan# 2750
Delta R.T. -0.09 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:276 Resp: 23754

Ion	Ratio	Lower	Upper
276	100		
138	25.6	22.5	33.7
277	23.7	19.9	29.9

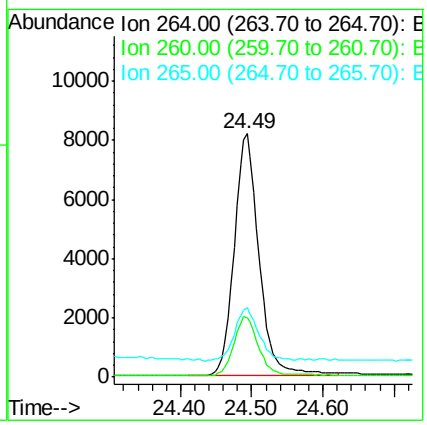


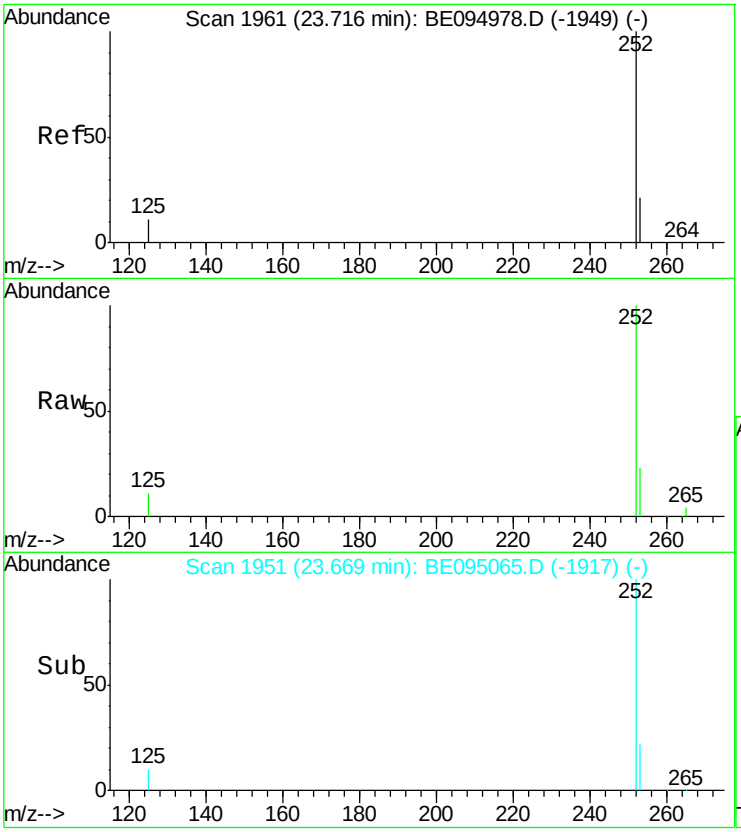


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2132
Delta R.T. -0.06 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

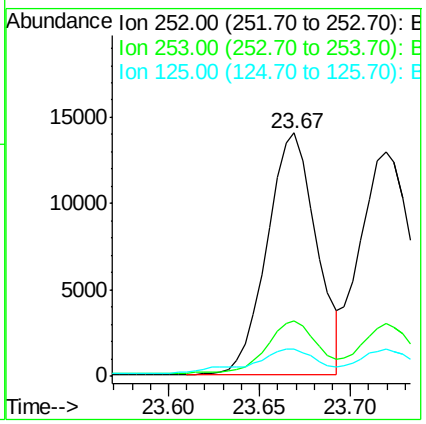


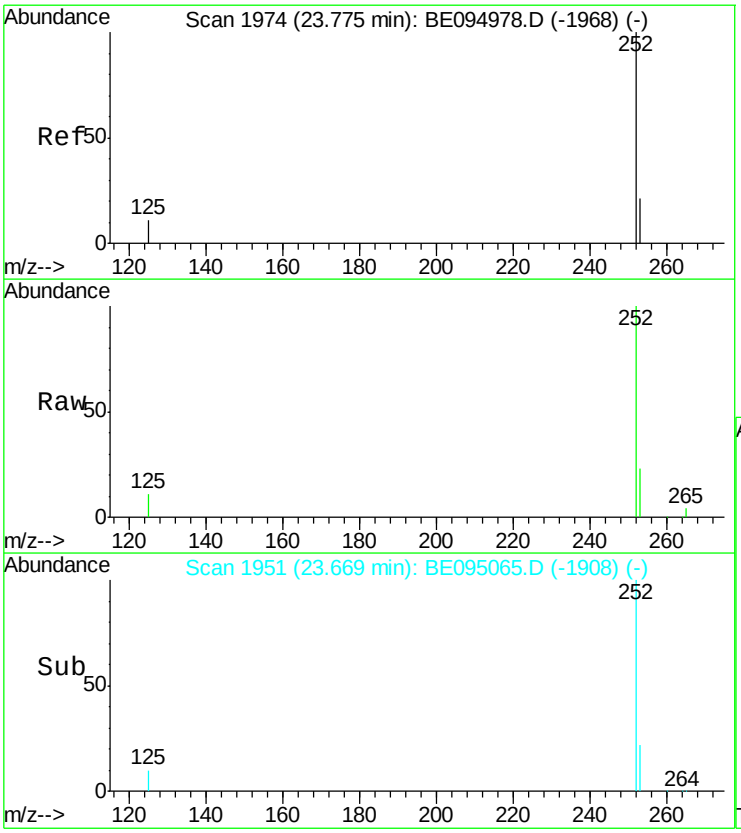


#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.67 min Scan# 1951
Delta R.T. -0.05 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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#

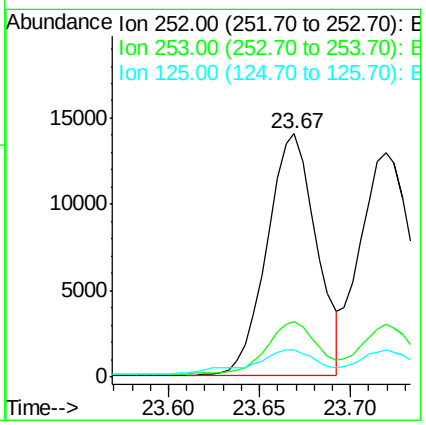


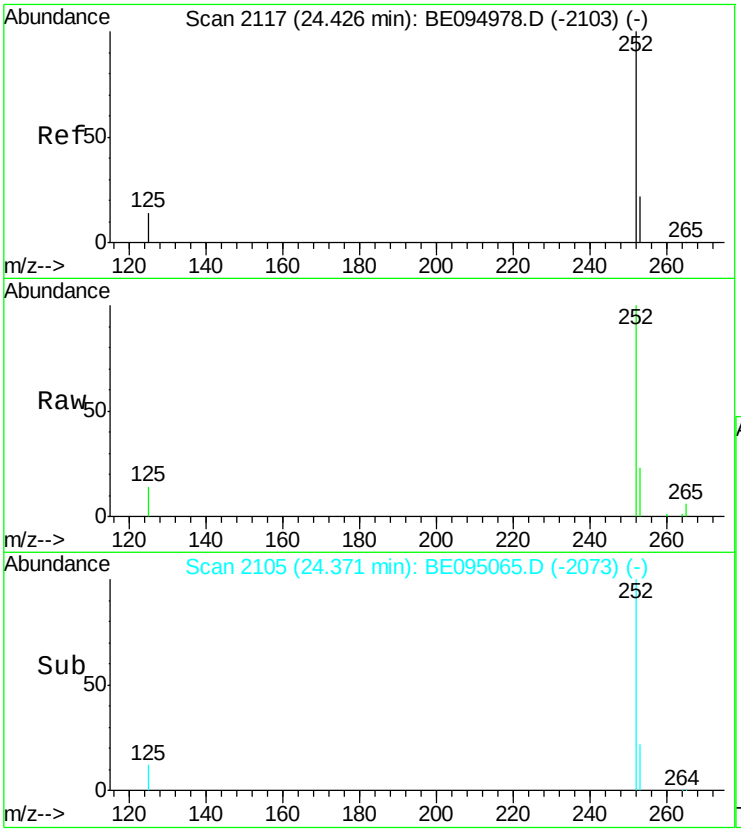


#36
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 23.67 min Scan# 1951
Delta R.T. -0.11 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:252 Resp: 26433

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.0	24.0
125	11.4	8.0	12.0

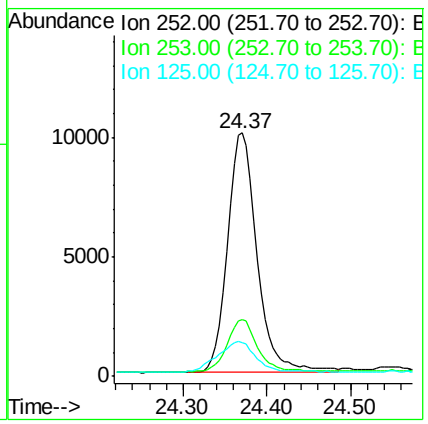


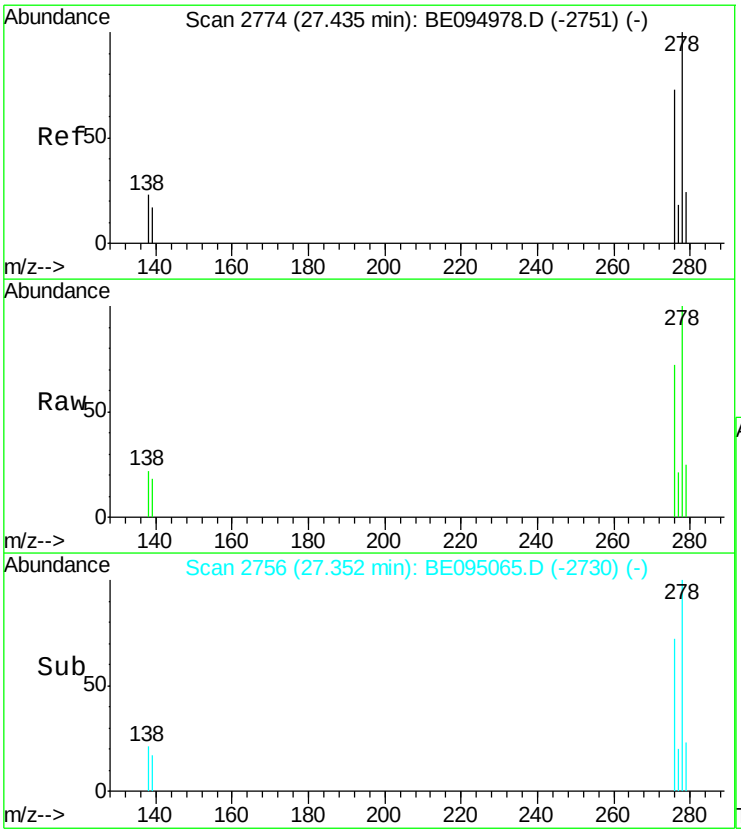


#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 24.37 min Scan# 2105
Delta R.T. -0.06 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

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

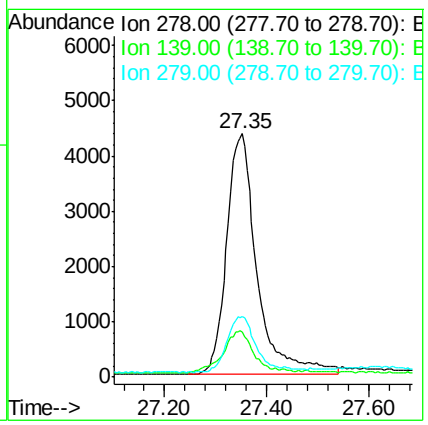


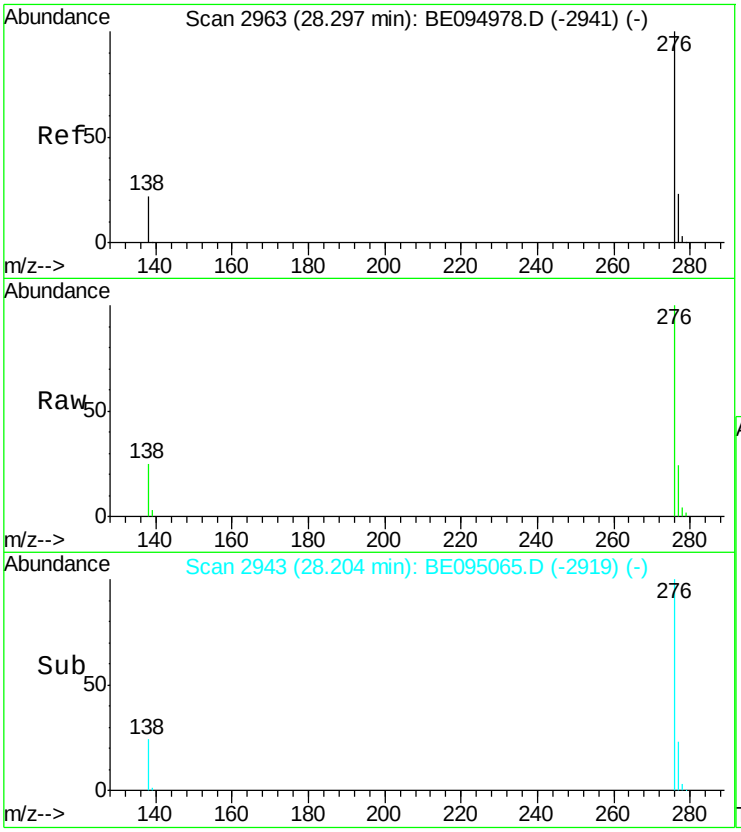


#38
Dibenzo(a,h)anthracene
Concen: 0.302 ng
RT: 27.35 min Scan# 2756
Delta R.T. -0.08 min
Lab File: BE095065.D
Acq: 10 Jan 2018 10:11

Tgt Ion:278 Resp: 18000

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. -0.09 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