Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE011018\
Data File : BE095067.D
Acq On : 10 Jan 2018 11:35
Operator : SJ/JU
Sample : PB105549BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 10 12:56:18 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

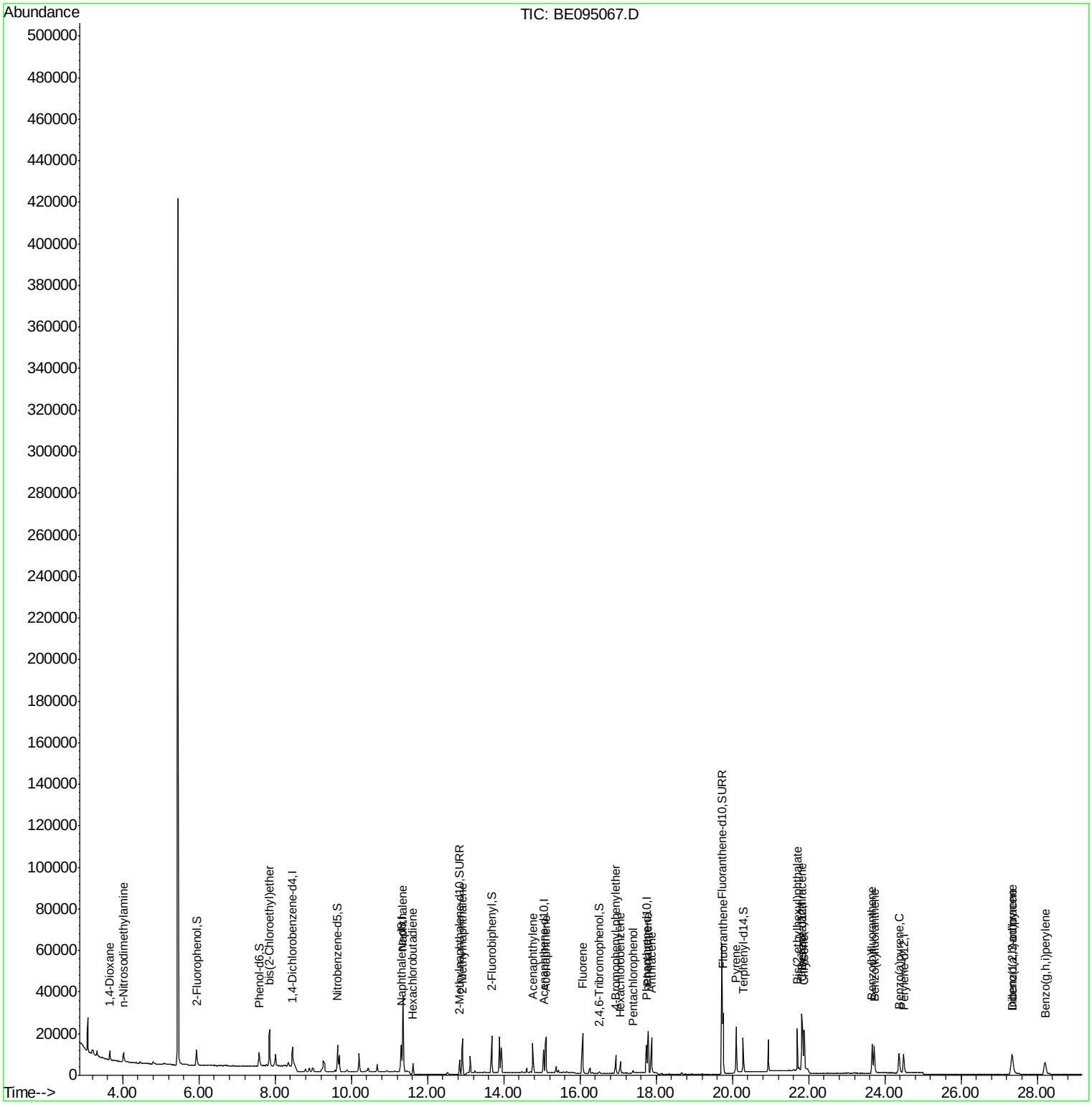
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	7393	0.40	ng		-0.01
7) Naphthalene-d8	11.31	136	16345	0.40	ng		-0.02
13) Acenaphthene-d10	15.05	164	8017	0.40	ng		-0.02
19) Phenanthrene-d10	17.74	188	17887	0.40	ng		-0.03
27) Chrysene-d12	21.84	240	18082	0.40	ng		-0.03
34) Perylene-d12	24.49	264	14719	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	4173	0.36	ng		-0.01
5) Phenol-d6	7.58	99	5799	0.34	ng		-0.01
8) Nitrobenzene-d5	9.63	82	5300	0.40	ng		-0.02
11) 2-Methylnaphthalene-d10	12.84	152	9479	0.35	ng		-0.02
14) 2,4,6-Tribromophenol	16.50	330	546	0.29	ng		-0.03
15) 2-Fluorobiphenyl	13.68	172	15972	0.45	ng		-0.02
25) Fluoranthene-d10	19.72	212	82315	0.35	ng		-0.03
29) Terphenyl-d14	20.28	244	15771	0.46	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	2470	0.339	ng	#	48
3) n-Nitrosodimethylamine	4.02	42	3324	0.386	ng	#	94
6) bis(2-Chloroethyl)ether	7.86	93	6581	0.395	ng		95
9) Naphthalene	11.34	128	74105	0.386	ng		99
10) Hexachlorobutadiene	11.61	225	3443	0.395	ng		96
12) 2-Methylnaphthalene	12.91	142	16628	0.347	ng		98
16) Acenaphthylene	14.76	152	15650	0.365	ng		99
17) Acenaphthene	15.10	154	10406	0.366	ng		95
18) Fluorene	16.07	166	13082	0.370	ng	#	77
20) 4-Bromophenyl-phenylether	16.94	248	4121	0.394	ng	#	87
21) Hexachlorobenzene	17.06	284	4171	0.390	ng	#	84
22) Pentachlorophenol	17.40	266	988	0.452	ng	#	77
23) Phenanthrene	17.79	178	21989	0.395	ng		98
24) Anthracene	17.88	178	21858	0.382	ng	#	92
26) Fluoranthene	19.75	202	26009	0.378	ng		98
28) Pyrene	20.09	202	29417	0.480	ng		98
30) Benzo(a)anthracene	21.82	228	22418	0.424	ng	#	62
31) Chrysene	21.88	228	26415	0.444	ng	#	62
32) Bis(2-ethylhexyl)phthalate	21.70	149	23451	0.348	ng		99
33) Indeno(1,2,3-cd)pyrene	27.32	276	17722	0.366	ng		96
35) Benzo(b)fluoranthene	23.67	252	21175	0.392	ng	#	90
36) Benzo(k)fluoranthene	23.72	252	21275	0.389	ng		95
37) Benzo(a)pyrene	24.37	252	18303	0.382	ng	#	93
38) Dibenzo(a,h)anthracene	27.35	278	13519	0.304	ng		97
39) Benzo(g,h,i)perylene	28.20	276	17215	0.389	ng	#	93

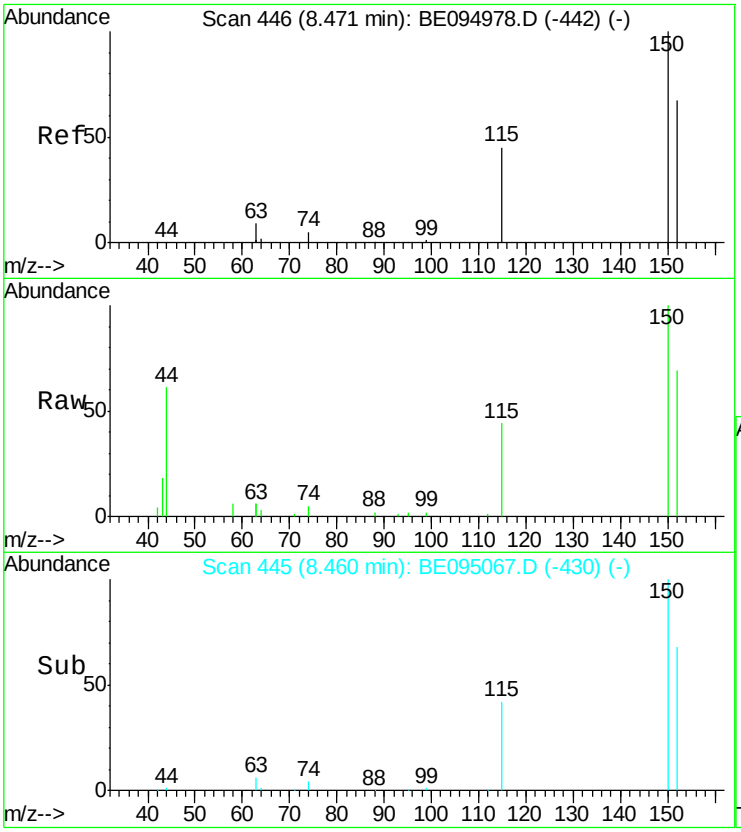
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE011018\
Data File : BE095067.D
Acq On : 10 Jan 2018 11:35
Operator : SJ/JU
Sample : PB105549BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 10 12:56:18 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

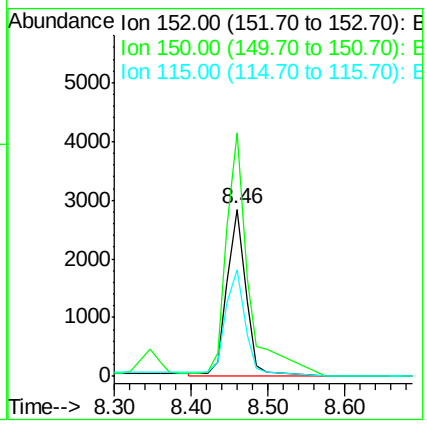


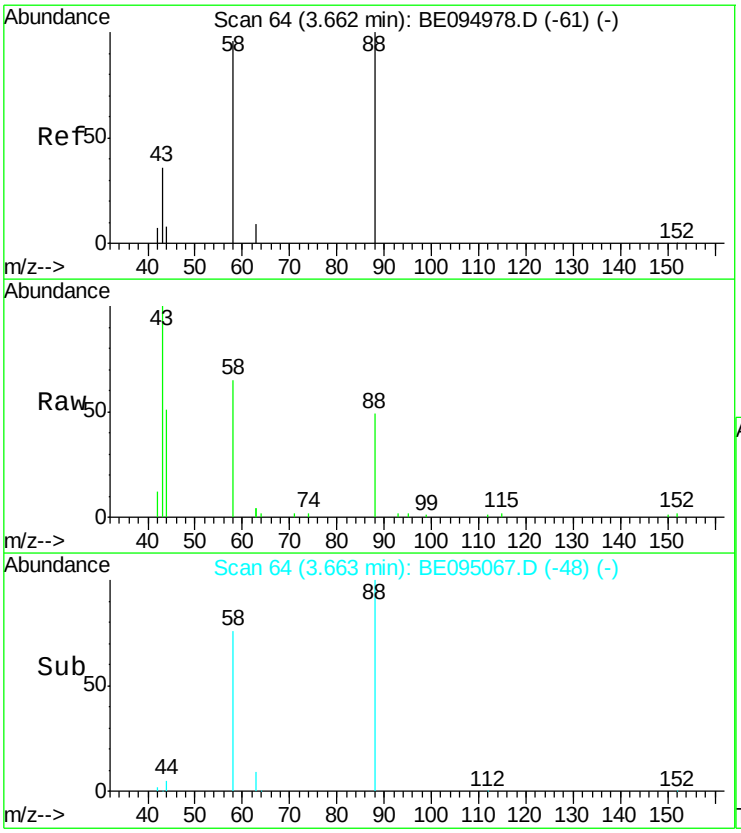


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:152 Resp: 7393

Ion	Ratio	Lower	Upper
152	100		
150	145.5	117.2	175.8
115	63.4	57.0	85.6

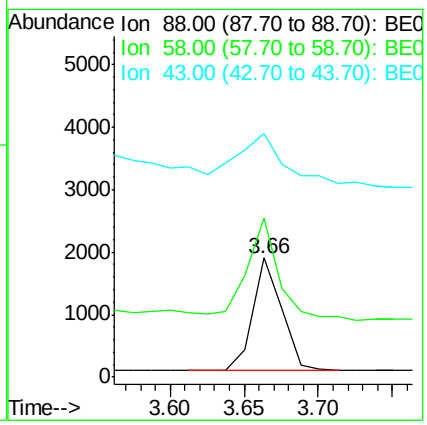


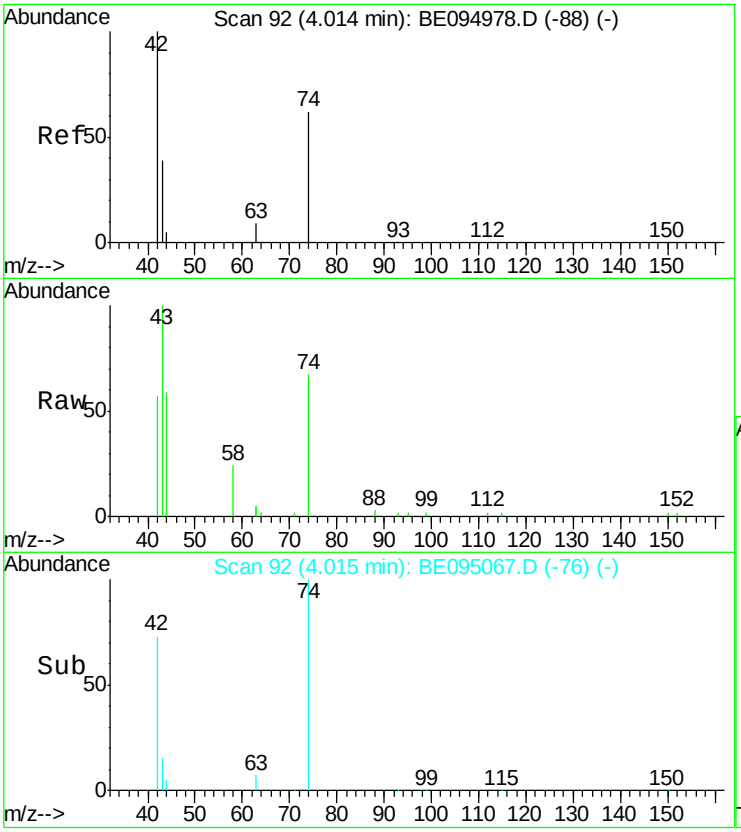


#2
1,4-Dioxane
Concen: 0.339 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion: 88 Resp: 2470

Ion	Ratio	Lower	Upper
88	100		
58	112.1	63.2	94.8#
43	103.5	41.2	61.8#

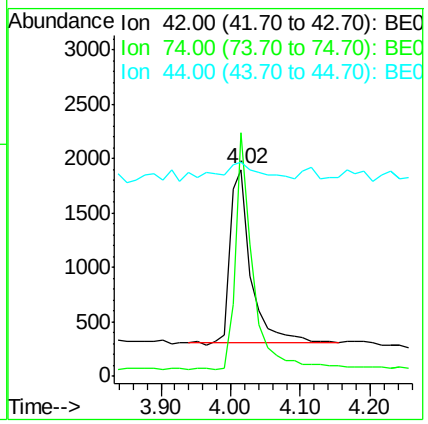


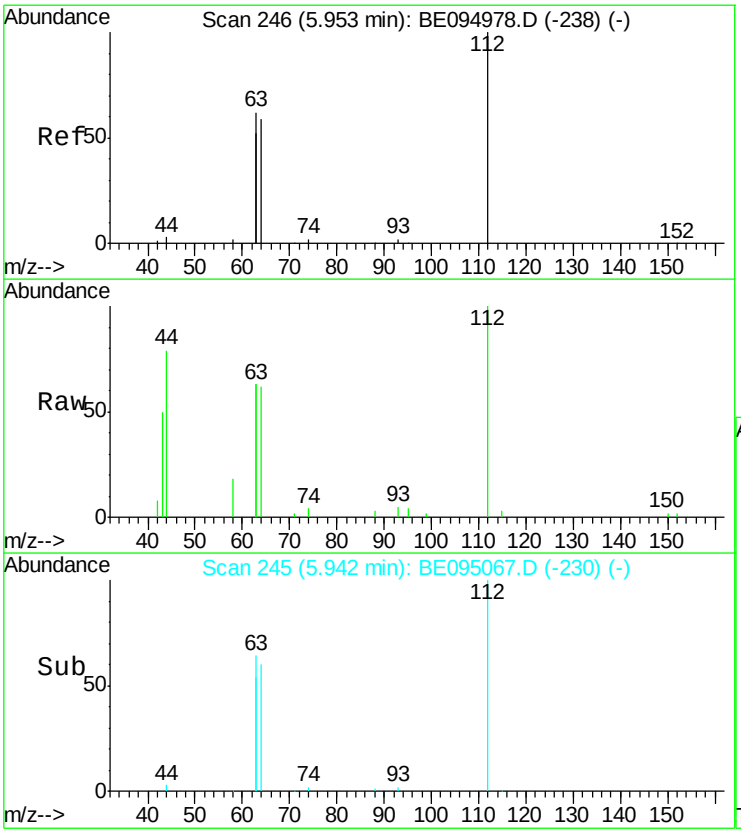


#3
n-Nitrosodimethylamine
Concen: 0.386 ng
RT: 4.02 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion: 42 Resp: 3324

Ion	Ratio	Lower	Upper
42	100		
74	115.1	96.0	144.0
44	23.2	12.0	18.0#

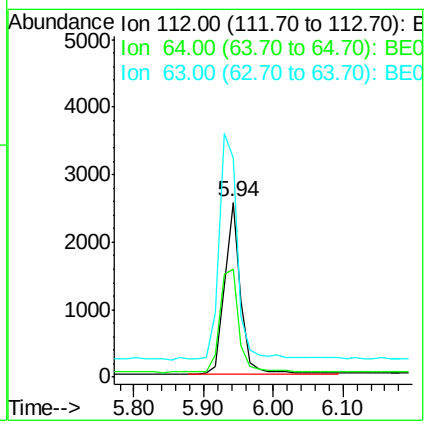


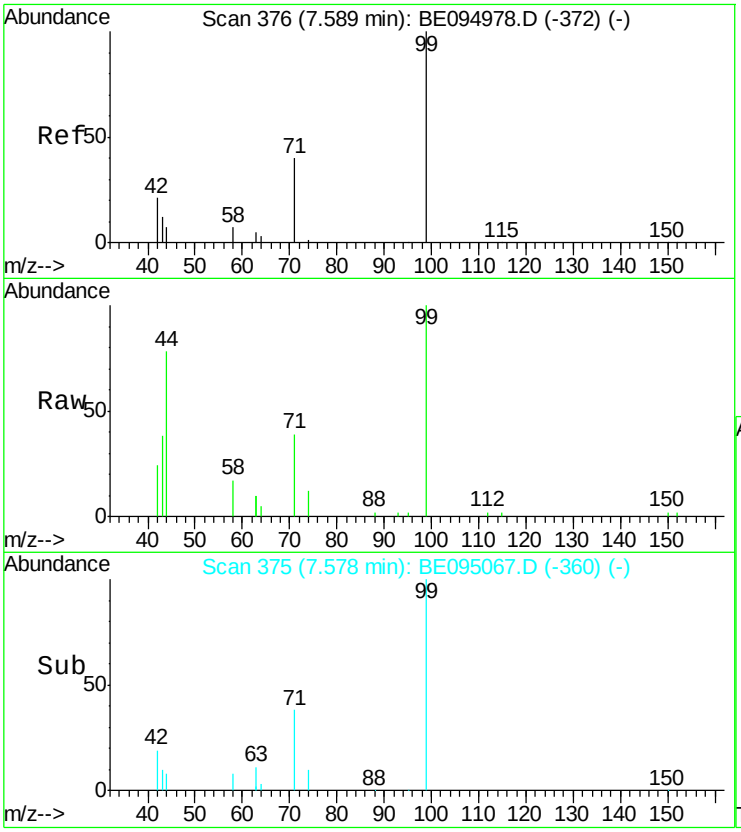


#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:112 Resp: 4173

Ion	Ratio	Lower	Upper
112	100		
64	70.5	60.1	90.1
63	151.7	116.8	175.2

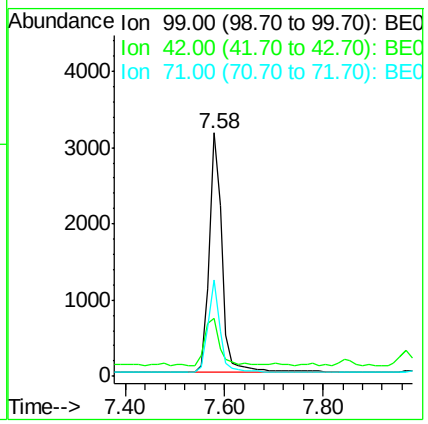


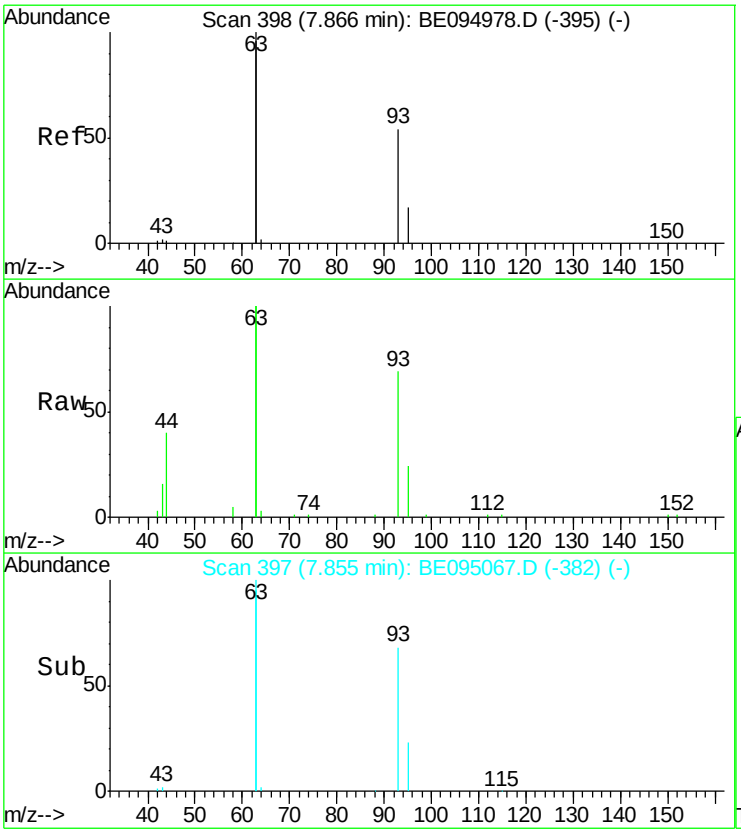


#5
Phenol-d6
Concen: 0.340 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion: 99 Resp: 5799

Ion	Ratio	Lower	Upper
99	100		
42	23.2	20.2	30.2
71	35.6	28.4	42.6

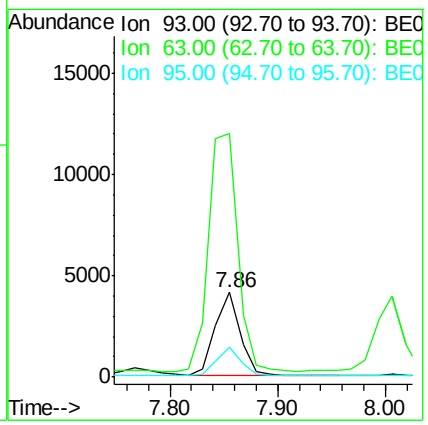


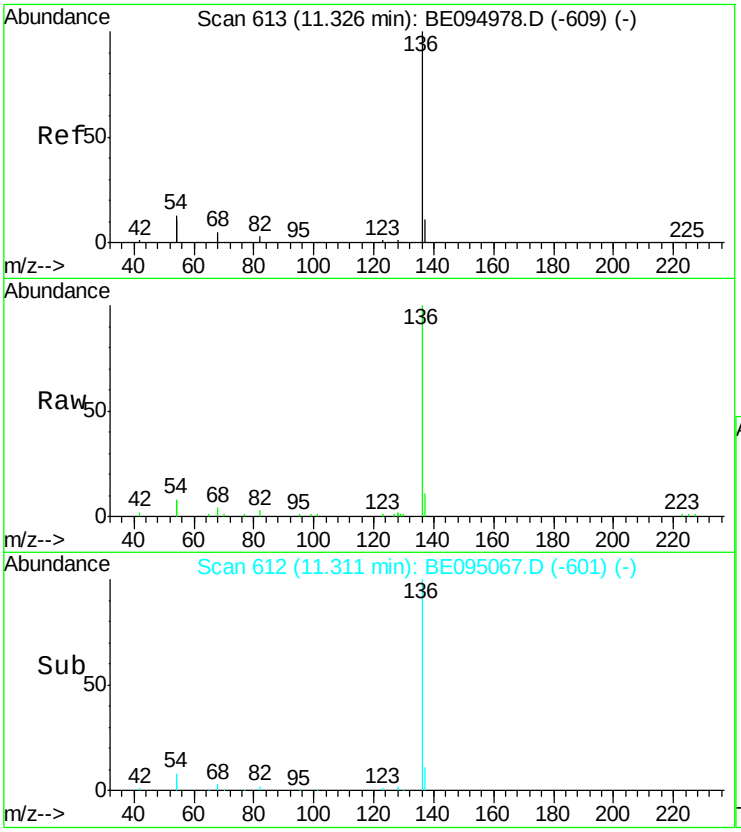


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.86 min Scan# 397
Delta R.T. -0.01 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion: 93 Resp: 6581

Ion	Ratio	Lower	Upper
93	100		
63	333.3	275.3	412.9
95	32.5	25.2	37.8

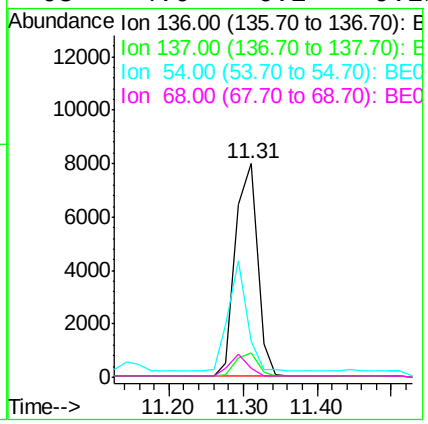


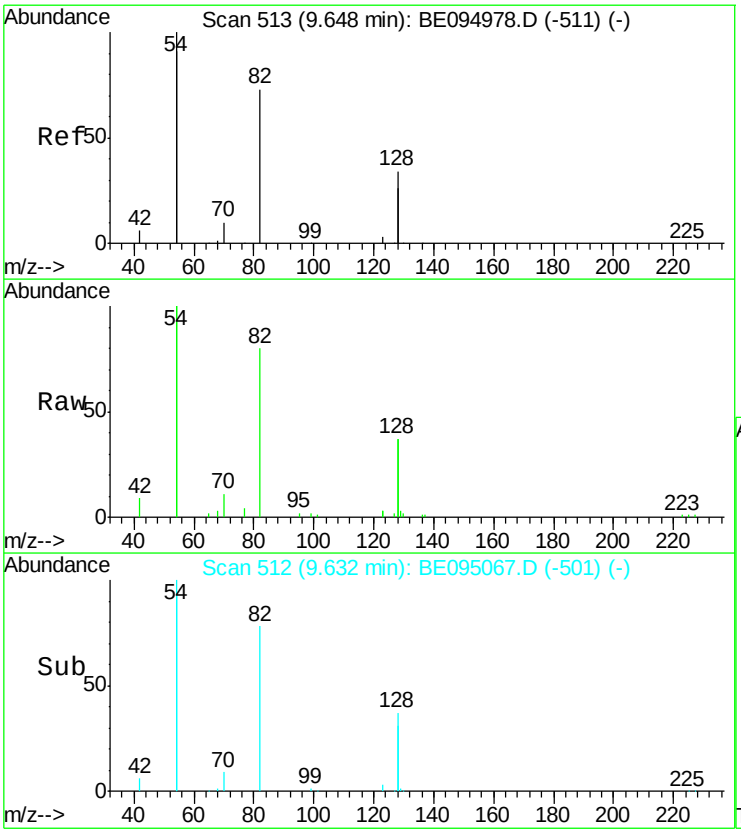


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:136 Resp: 16345

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	16.8	29.1	43.7#
68	4.0	6.2	9.2#

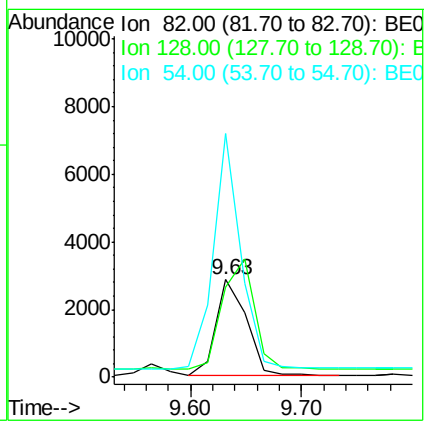


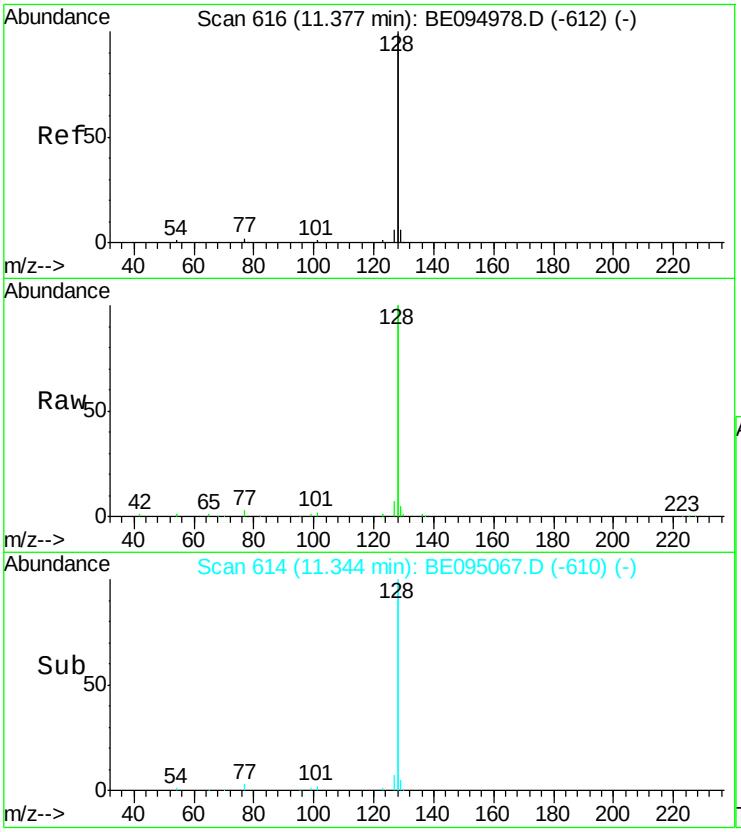


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.02 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion: 82 Resp: 5300

Ion	Ratio	Lower	Upper
82	100		
128	93.0	150.0	225.0#
54	250.4	154.2	231.4#

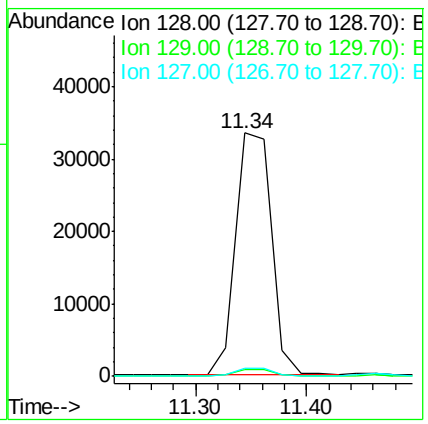


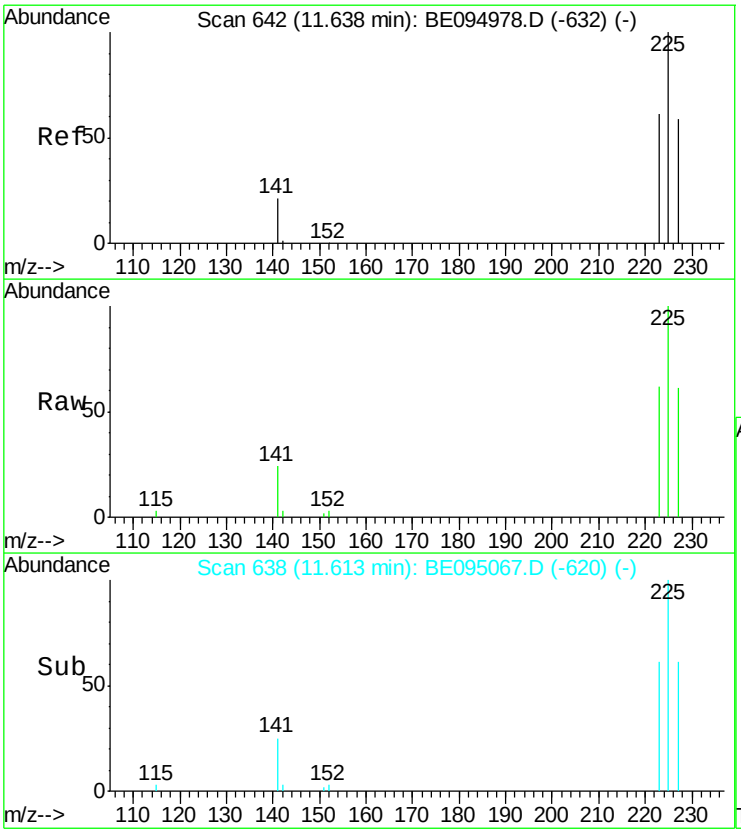


#9
Naphthalene
Concen: 0.386 ng
RT: 11.34 min Scan# 614
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:128 Resp: 74105

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.6	2.8	4.2

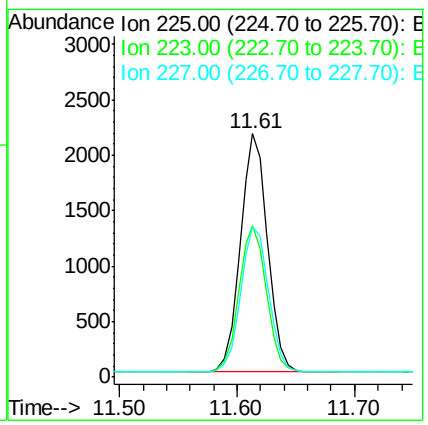


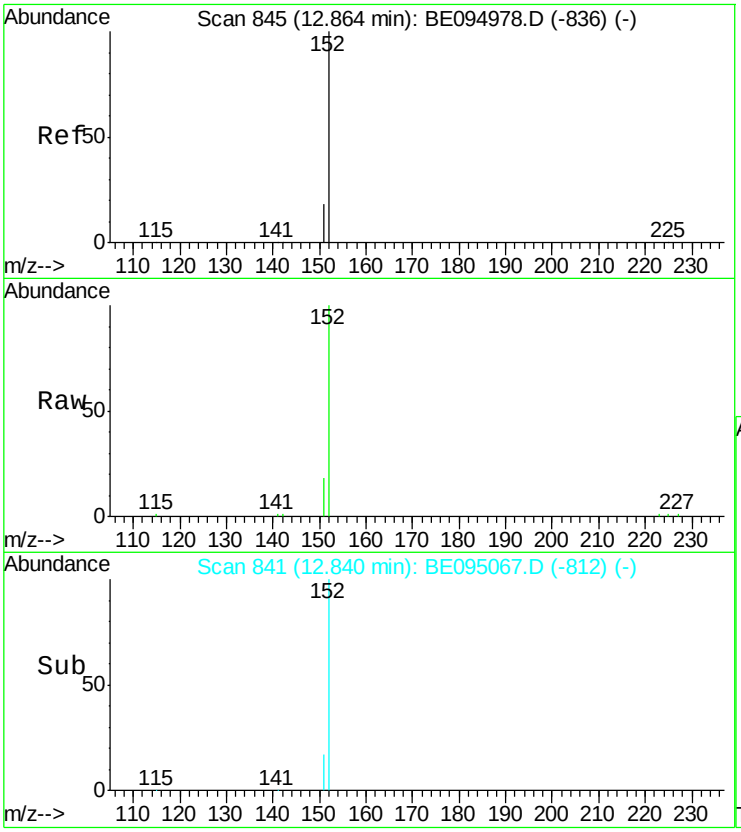


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 11.61 min Scan# 638
Delta R.T. -0.02 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:225 Resp: 3443

Ion	Ratio	Lower	Upper
225	100		
223	62.1	53.0	79.6
227	62.7	51.4	77.2

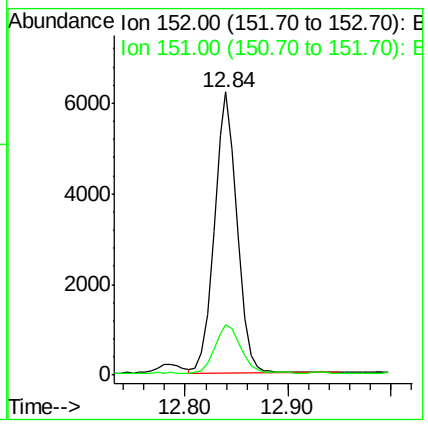


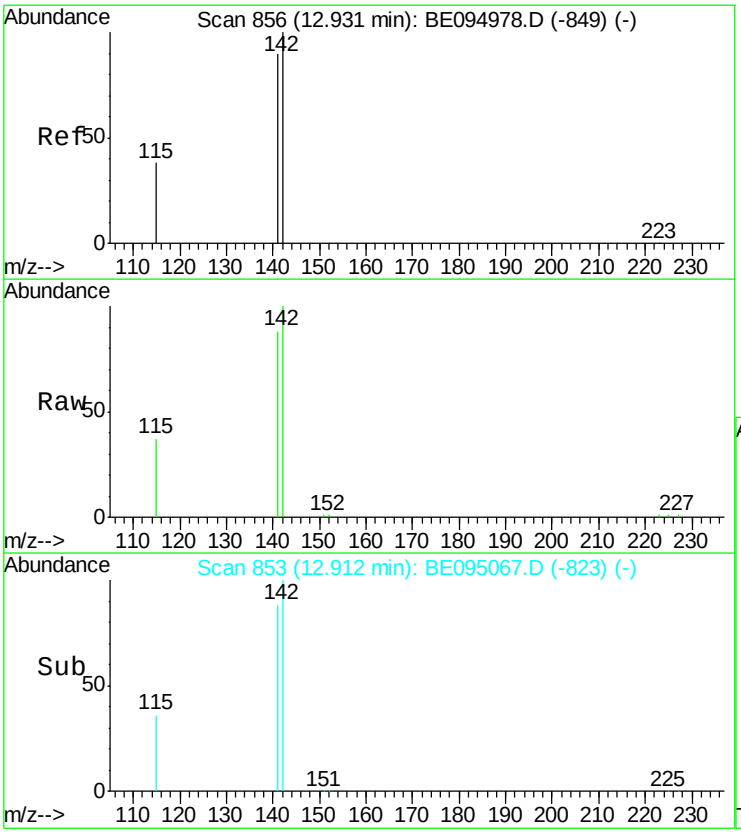


#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.02 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:152 Resp: 9479

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

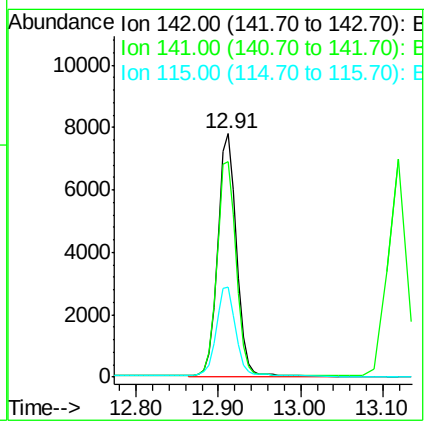


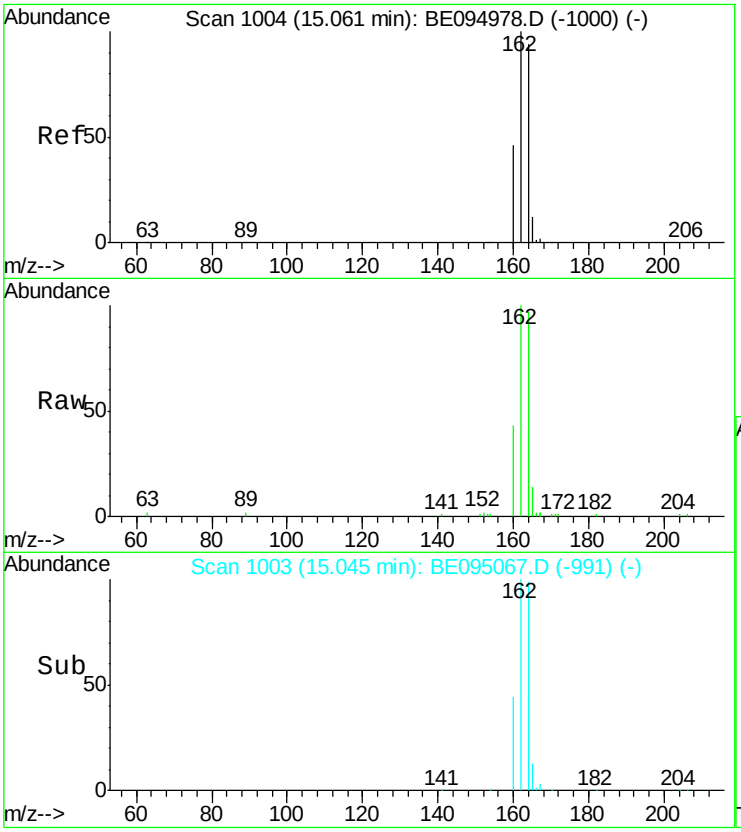


#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 12.91 min Scan# 853
Delta R.T. -0.02 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:142 Resp: 16628

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	36.9	31.7	47.5

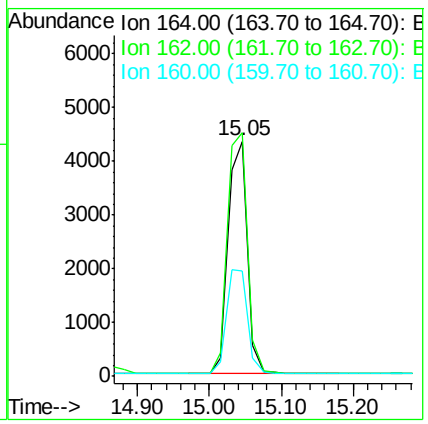


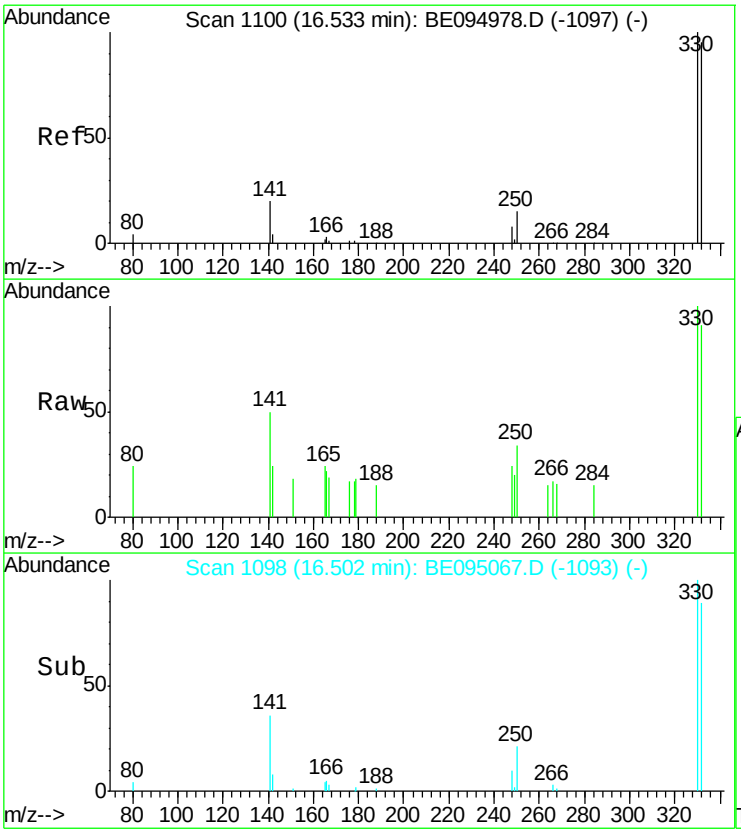


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.05 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:164 Resp: 8017

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.1	124.7
160	44.9	37.1	55.7

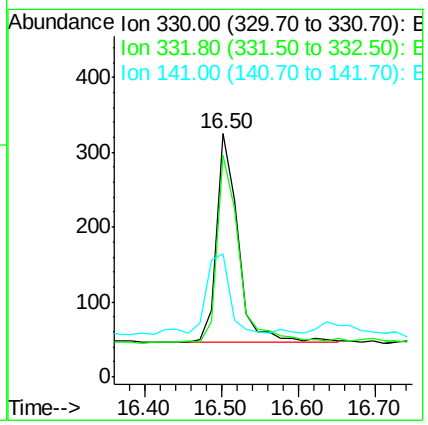


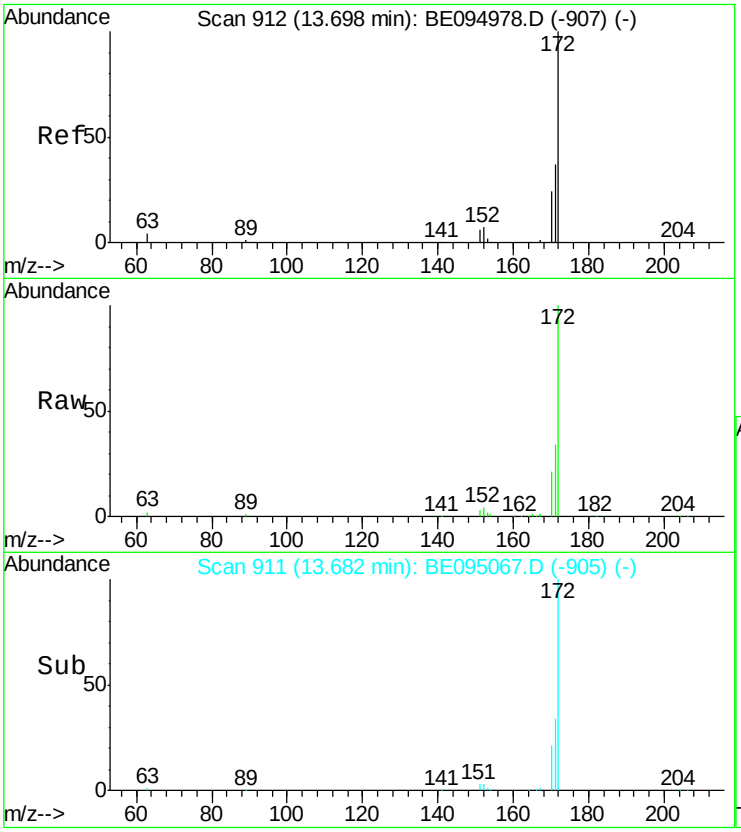


#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:330 Resp: 546

Ion	Ratio	Lower	Upper
330	100		
332	91.4	152.7	229.1#
141	39.0	33.7	50.5

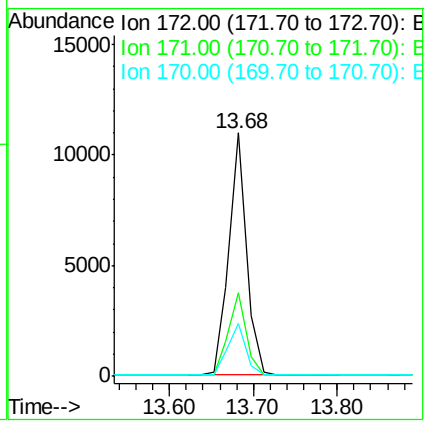


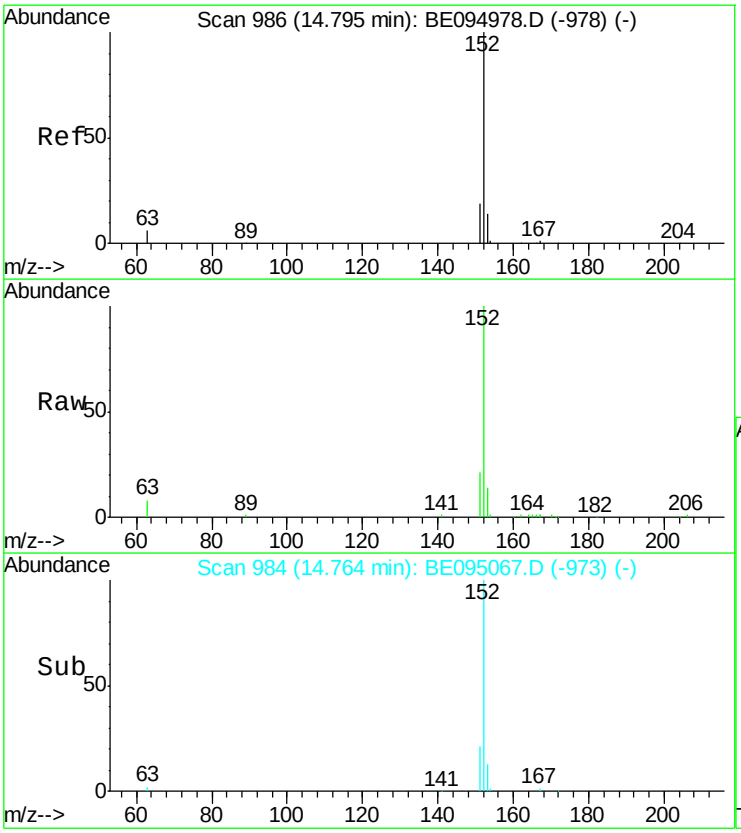


#15
2-Fluorobiphenyl
Concen: 0.450 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:172 Resp: 15972

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.9	44.9
170	21.5	21.8	32.8#

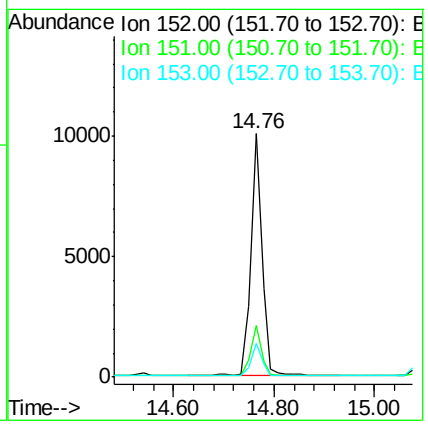


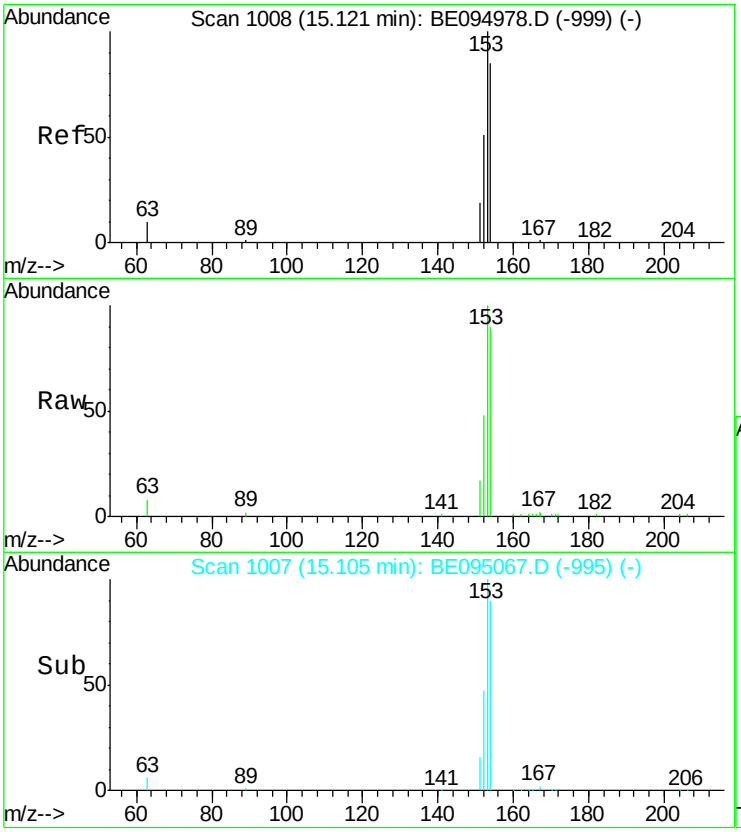


#16
Acenaphthylene
Concen: 0.365 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:152 Resp: 15650

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.2	10.5	15.7

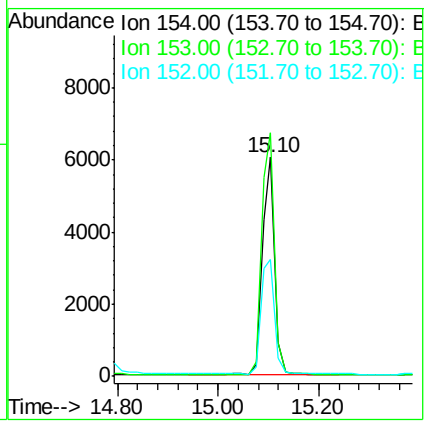


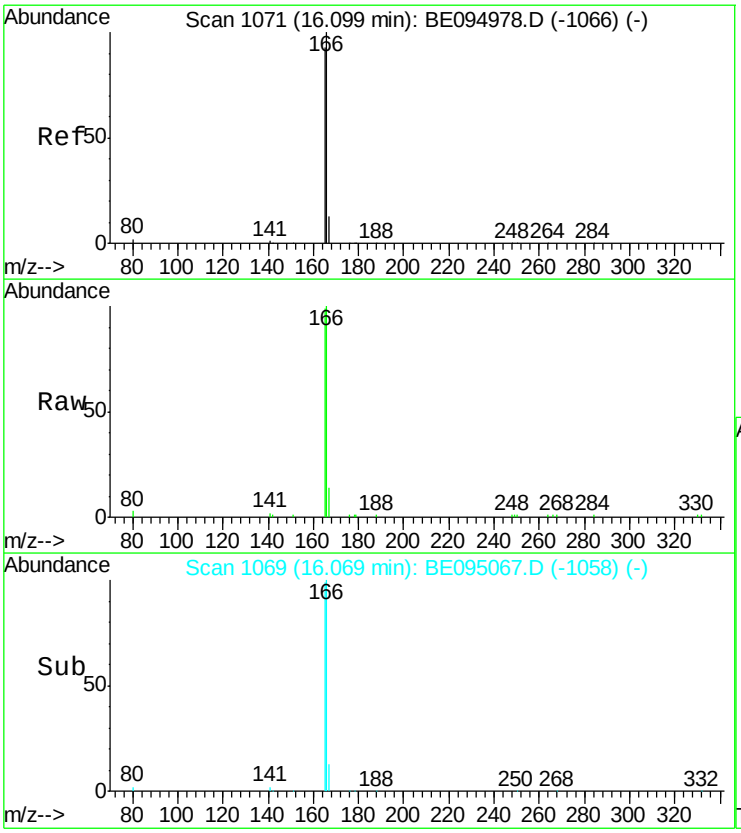


#17
Acenaphthene
Concen: 0.366 ng
RT: 15.10 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:154 Resp: 10406

Ion	Ratio	Lower	Upper
154	100		
153	115.9	89.2	133.8
152	58.2	42.0	63.0

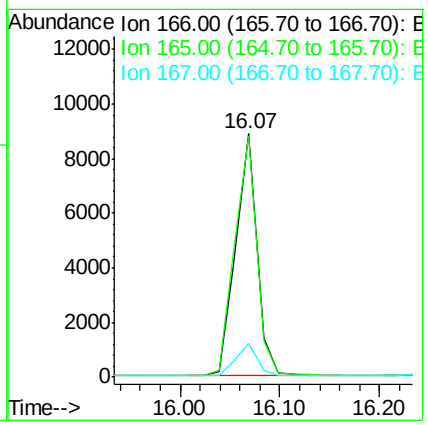


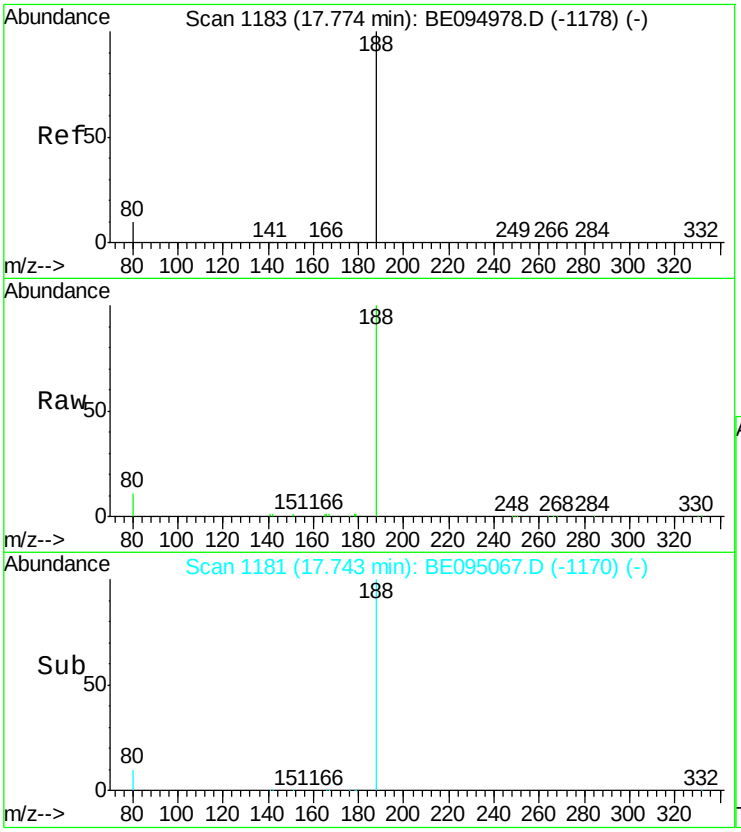


#18
Fluorene
Concen: 0.370 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:166 Resp: 13082

Ion	Ratio	Lower	Upper
166	100		
165	101.8	77.8	116.6
167	13.5	42.4	63.6#

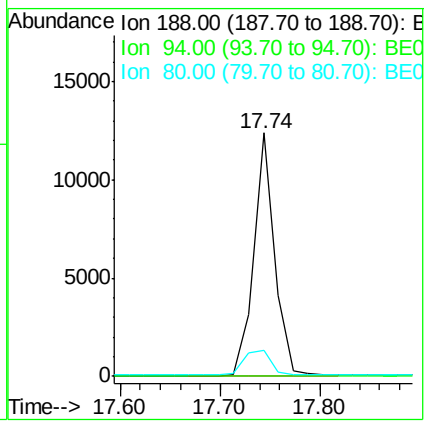


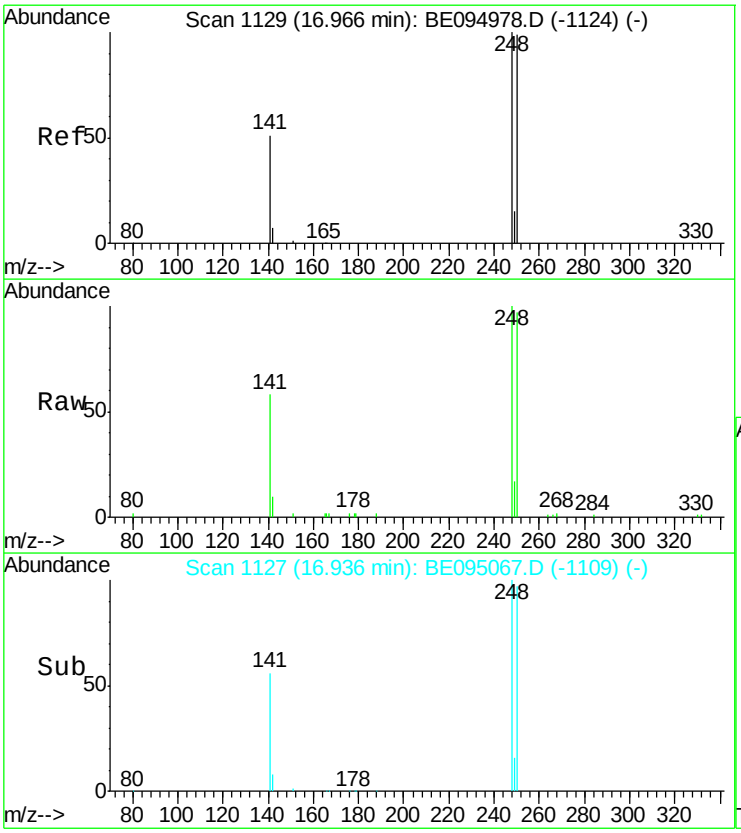


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:188 Resp: 17887

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.6	3.6	5.4#

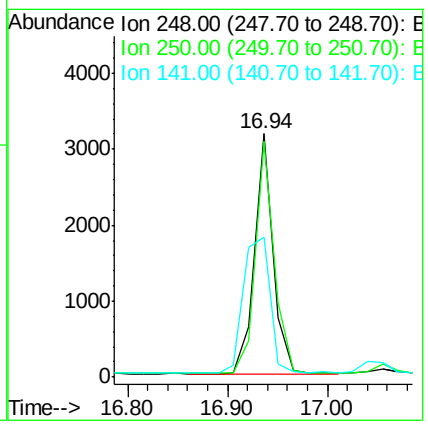


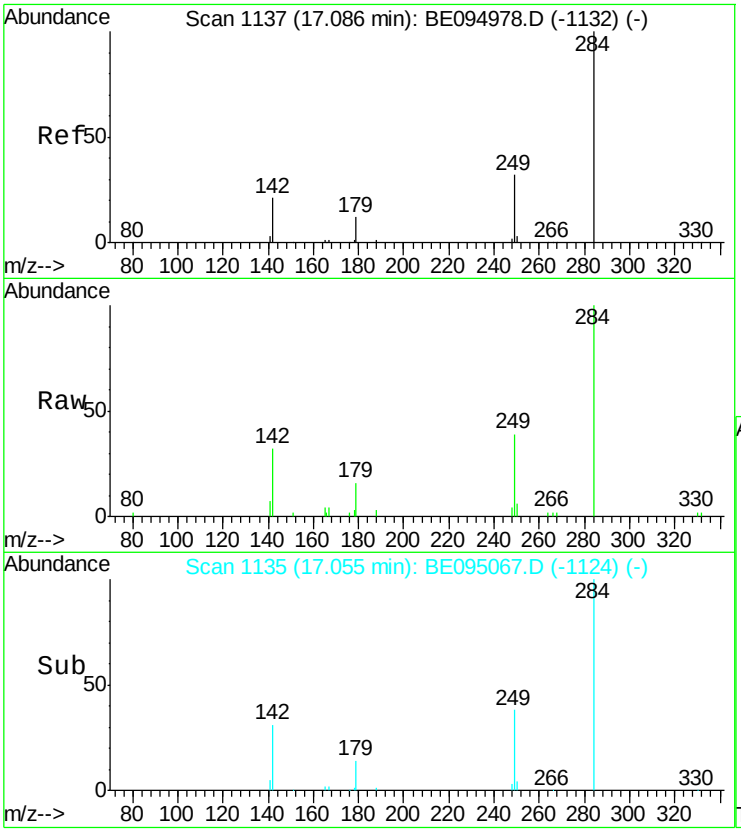


#20
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.94 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:248 Resp: 4121

Ion	Ratio	Lower	Upper
248	100		
250	96.8	62.7	94.1#
141	57.7	48.2	72.2

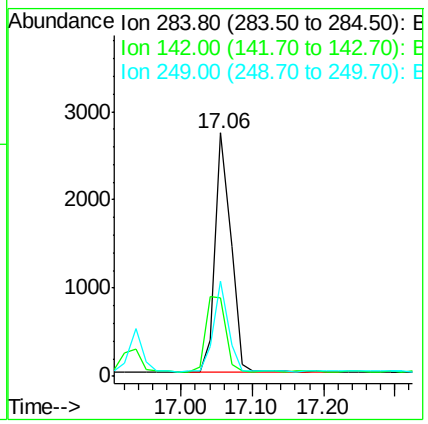


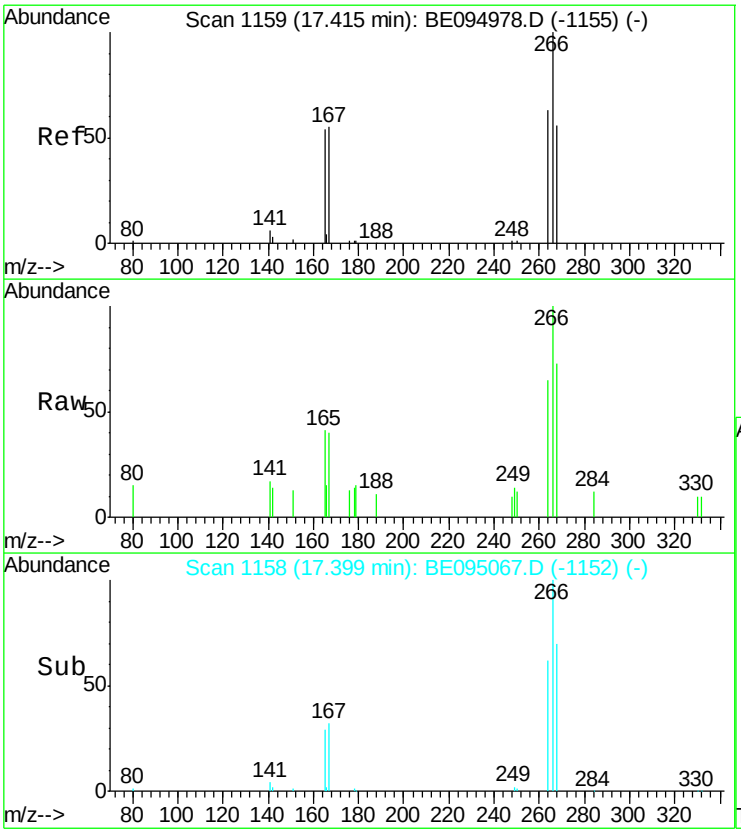


#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 17.06 min Scan# 1135
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:284 Resp: 4171

Ion	Ratio	Lower	Upper
284	100		
142	39.4	22.1	33.1#
249	35.5	34.8	52.2

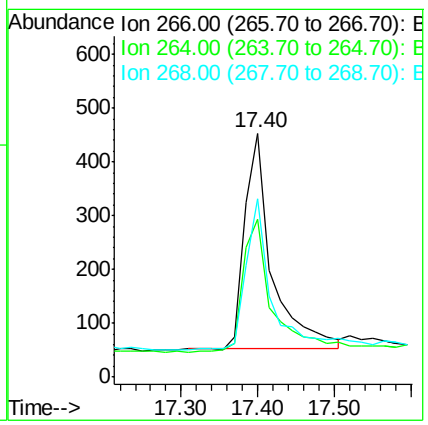


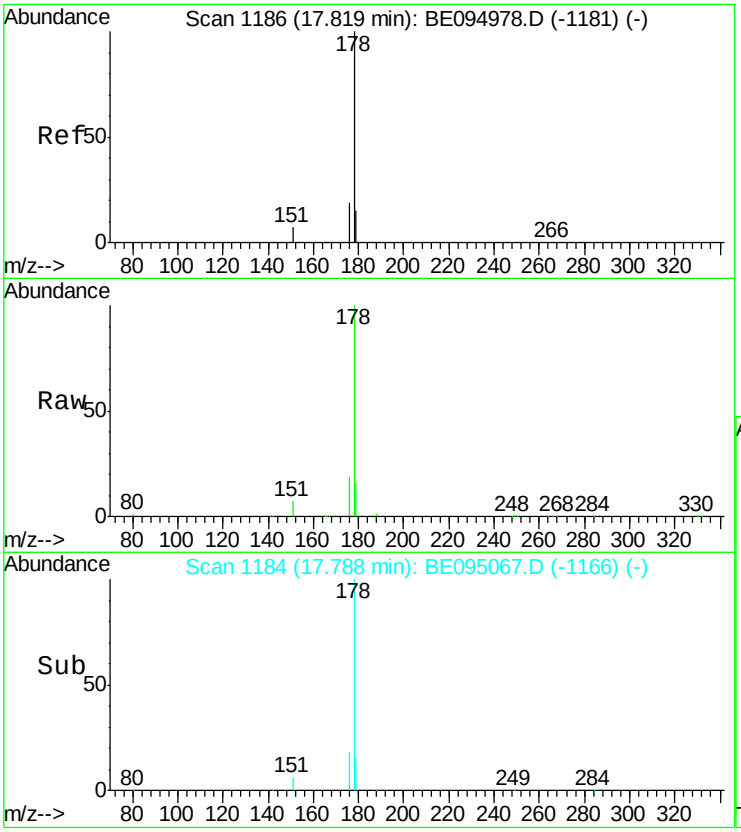


#22
Pentachlorophenol
Concen: 0.452 ng
RT: 17.40 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:266 Resp: 988

Ion	Ratio	Lower	Upper
266	100		
264	64.9	72.5	108.7#
268	73.3	73.8	110.6#

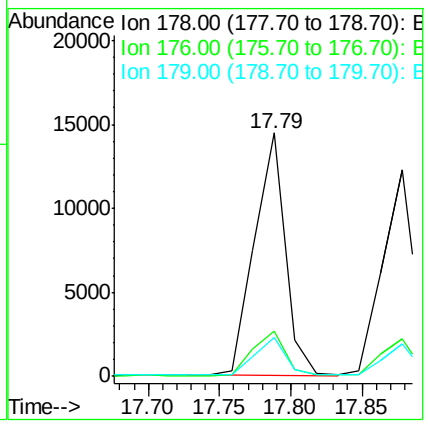


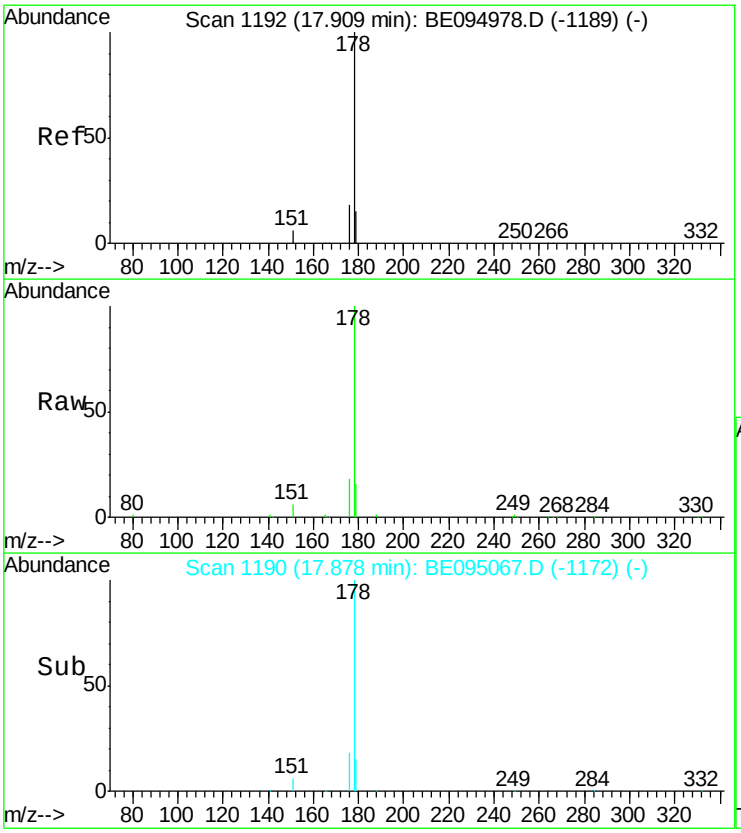


#23
Phenanthrene
Concen: 0.395 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:178 Resp: 21989

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.7	11.8	17.6

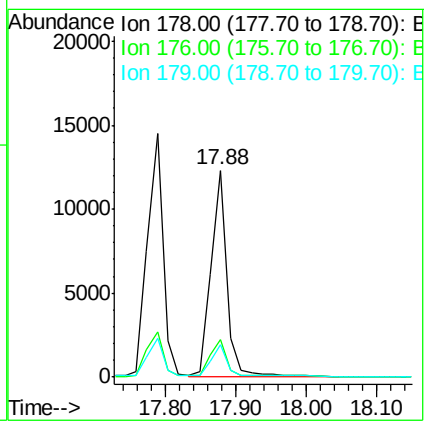


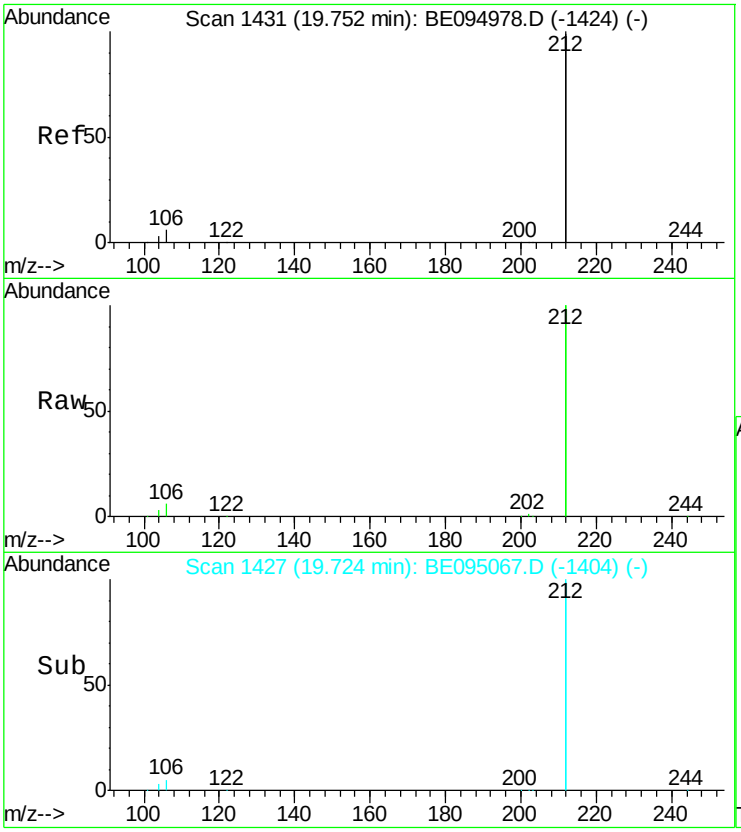


#24
Anthracene
Concen: 0.382 ng
RT: 17.88 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:178 Resp: 21858

Ion	Ratio	Lower	Upper
178	100		
176	21.0	12.8	19.2#
179	18.4	13.0	19.6

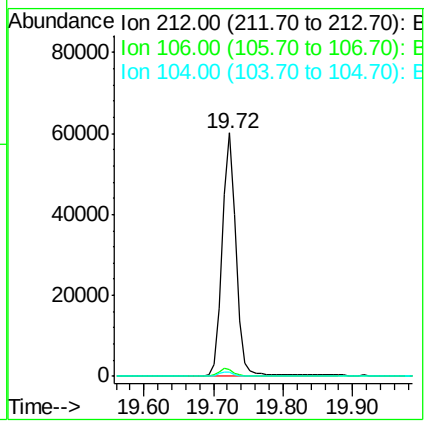


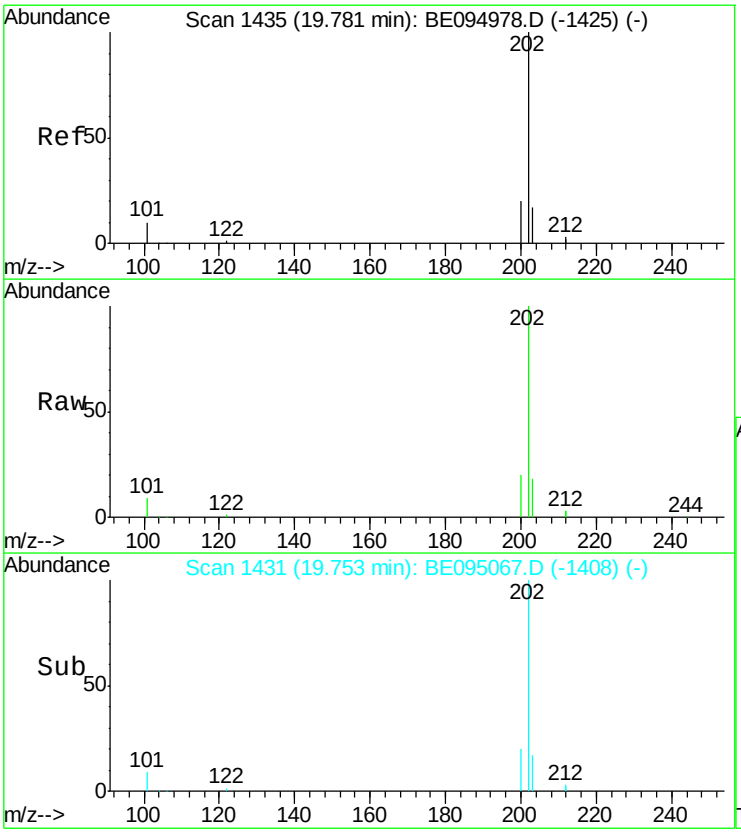


#25
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.72 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:212 Resp: 82315

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

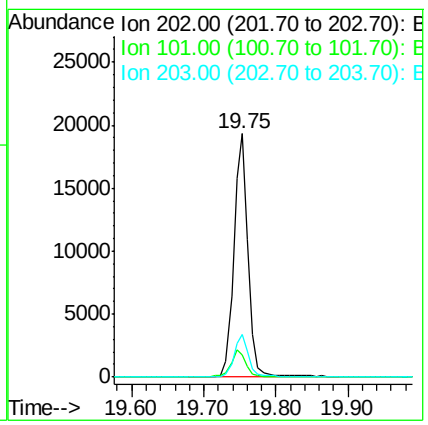


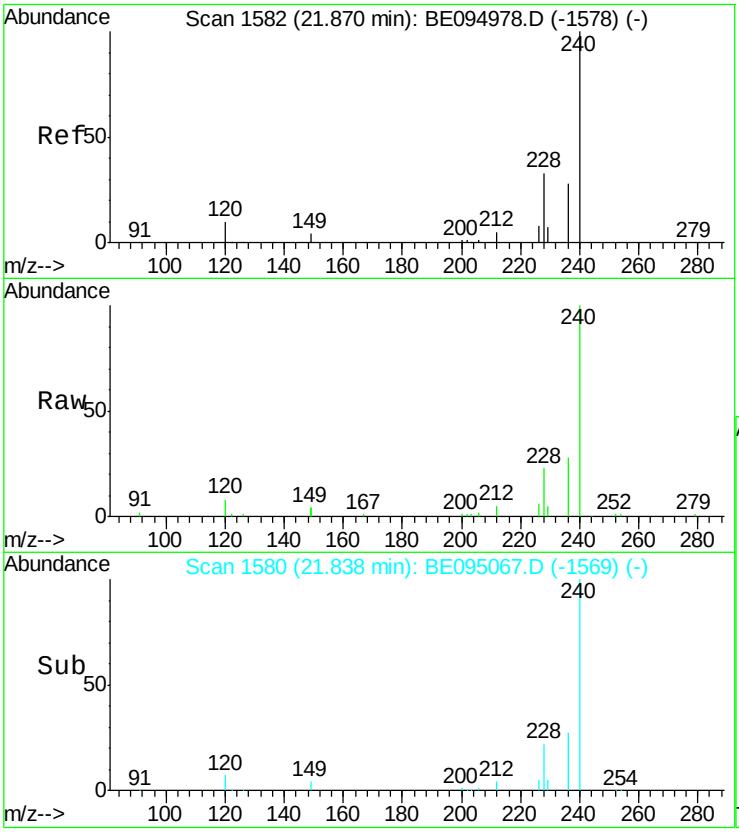


#26
Fluoranthene
Concen: 0.378 ng
RT: 19.75 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:202 Resp: 26009

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.1	13.7	20.5

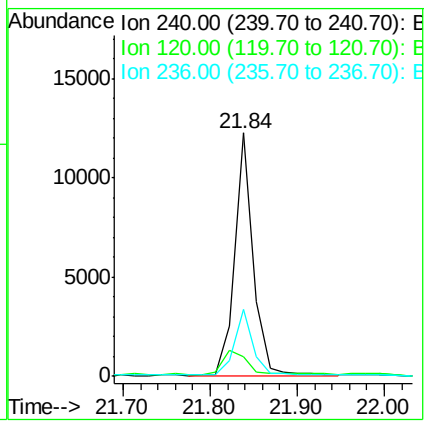


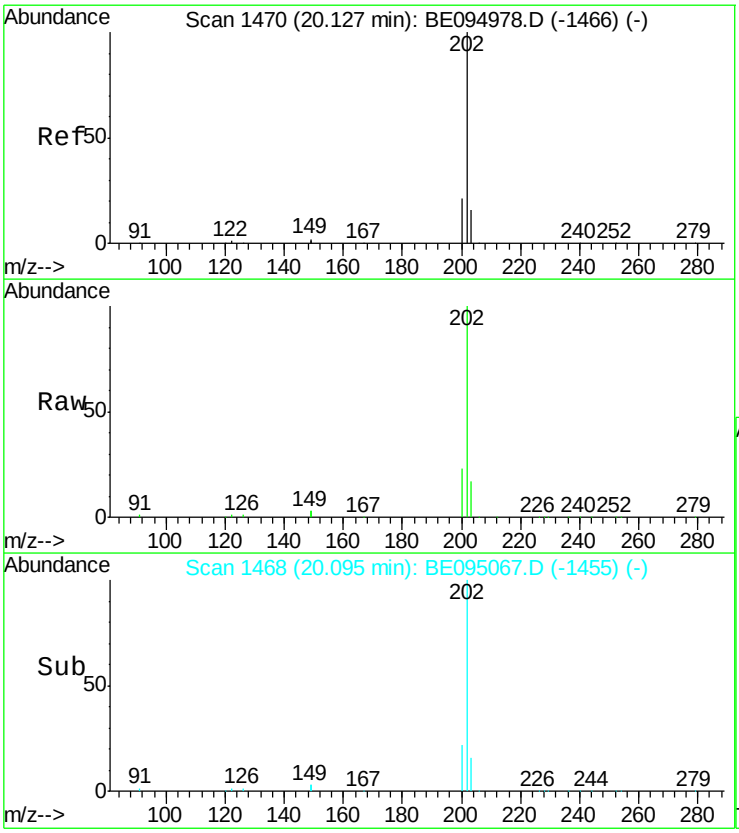


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:240 Resp: 18082

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.5	8.3
236	27.7	20.7	31.1

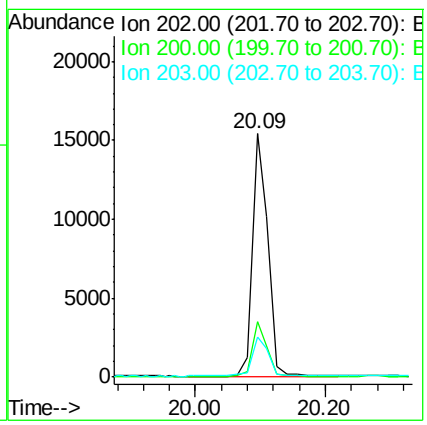


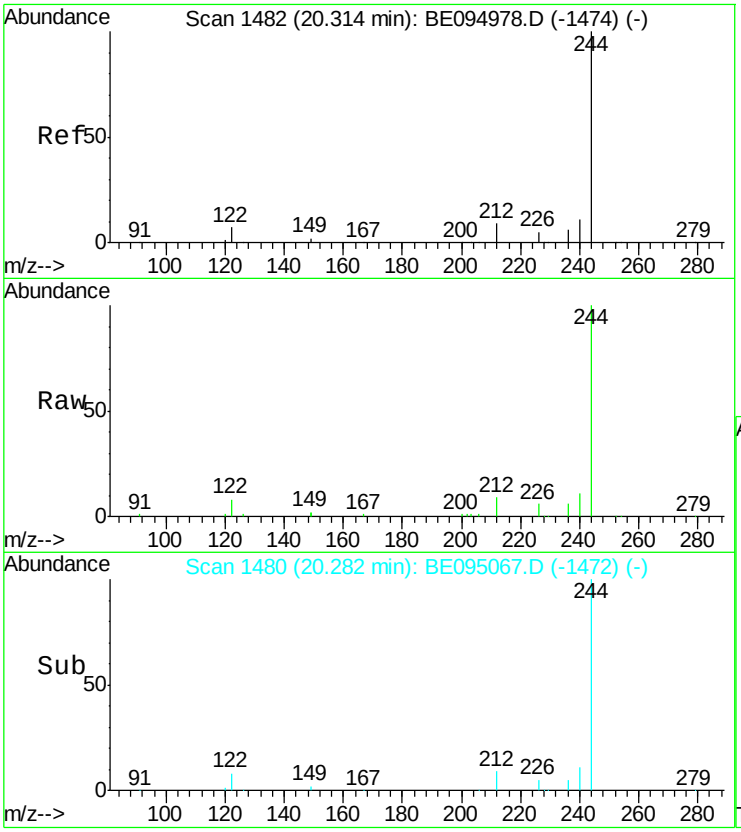


#28
Pyrene
Concen: 0.480 ng
RT: 20.09 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:202 Resp: 29417

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	15.0	13.8	20.8

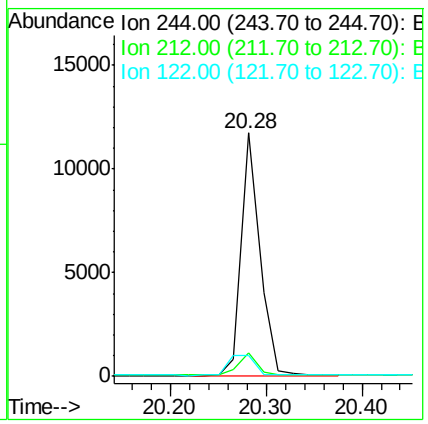


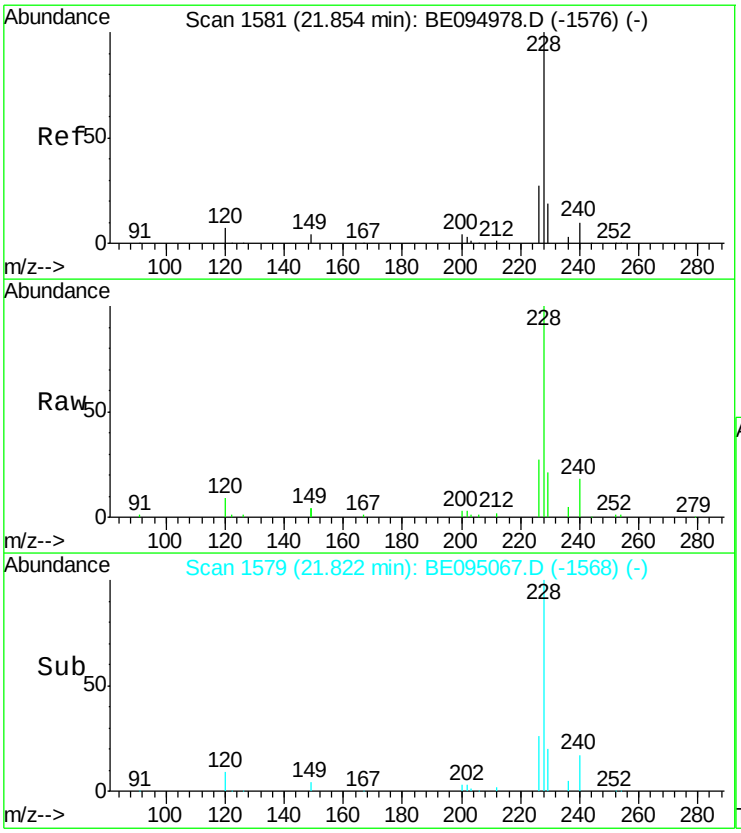


#29
Terphenyl-d14
Concen: 0.463 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:244 Resp: 15771

Ion	Ratio	Lower	Upper
244	100		
212	9.5	25.4	38.0#
122	8.3	8.1	12.1

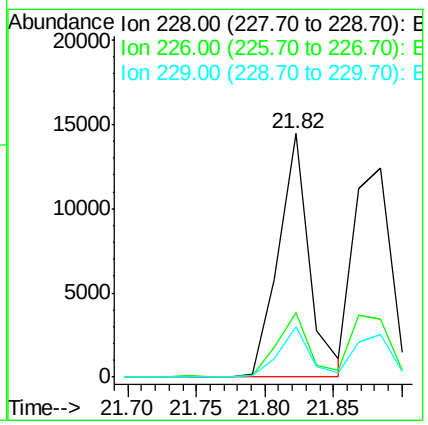


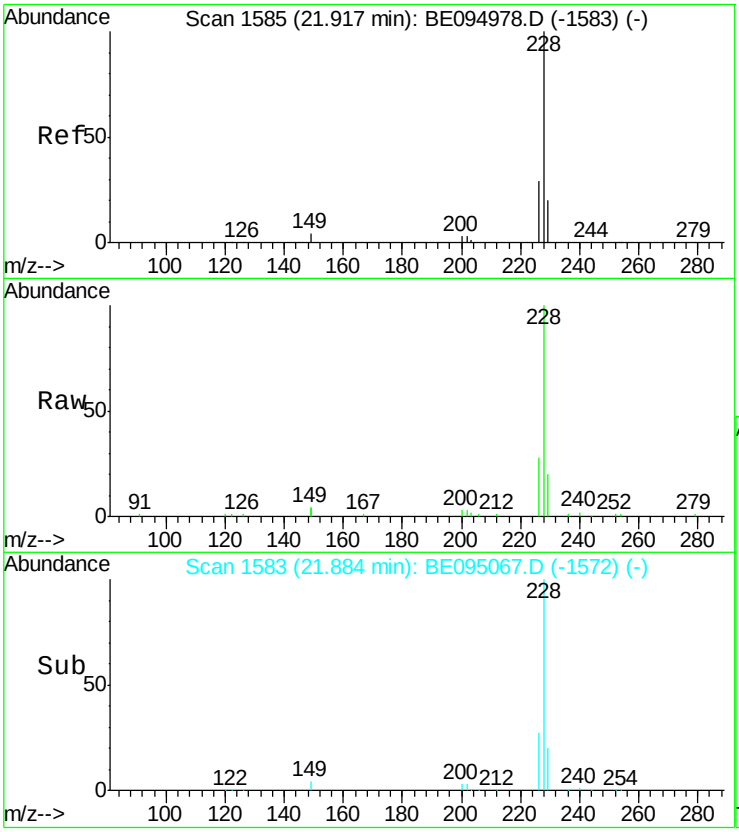


#30
Benzo(a)anthracene
Concen: 0.424 ng
RT: 21.82 min Scan# 1579
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:228 Resp: 22418

Ion	Ratio	Lower	Upper
228	100		
226	26.7	40.0	60.0#
229	20.5	40.0	60.0#

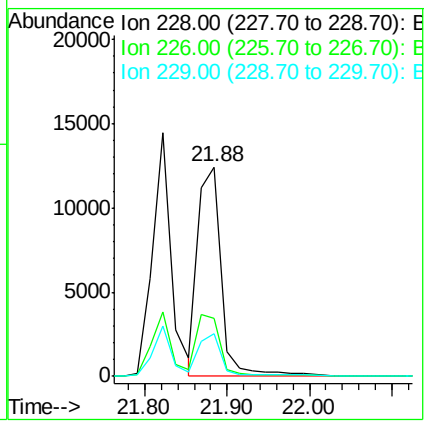


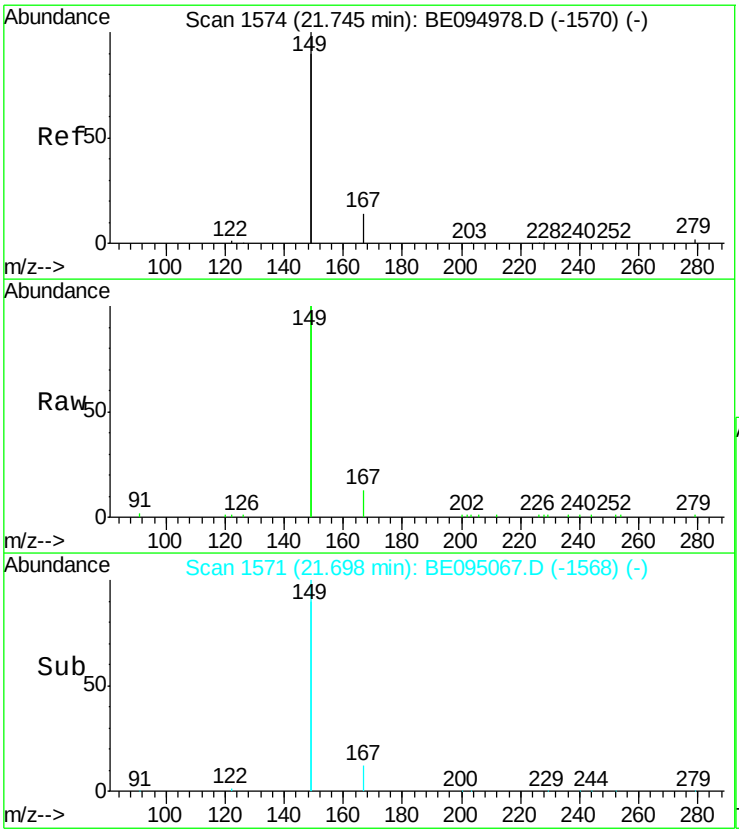


#31
Chrysene
Concen: 0.444 ng
RT: 21.88 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:228 Resp: 26415

Ion	Ratio	Lower	Upper
228	100		
226	27.8	40.0	60.0#
229	20.3	40.0	60.0#

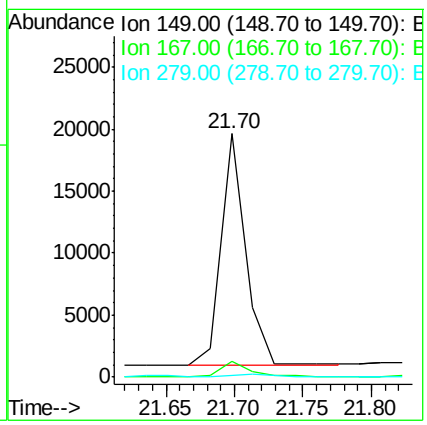


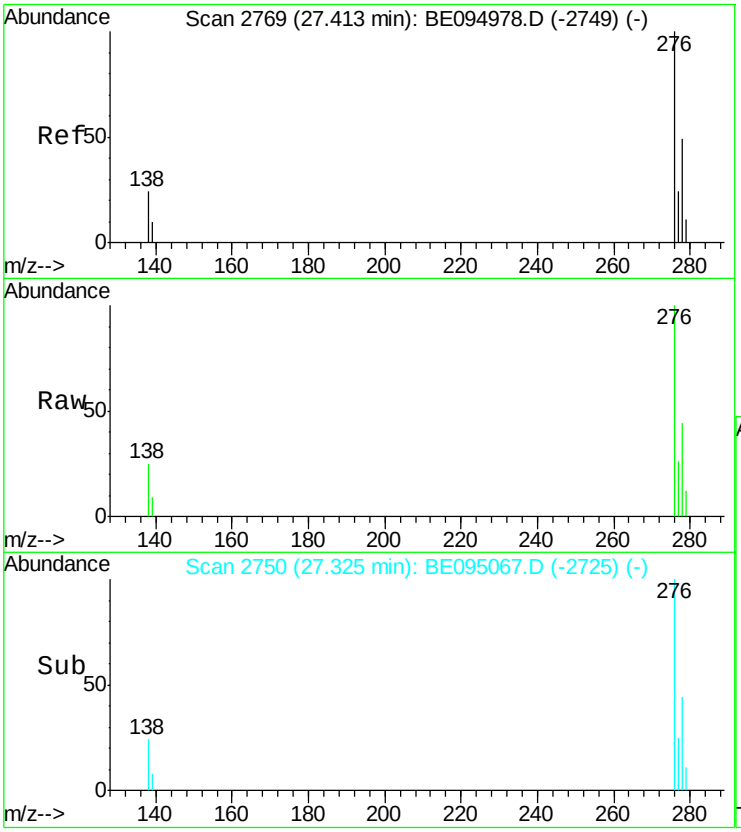


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.70 min Scan# 1571
Delta R.T. -0.05 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:149 Resp: 23451

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	0.9	0.7	1.1

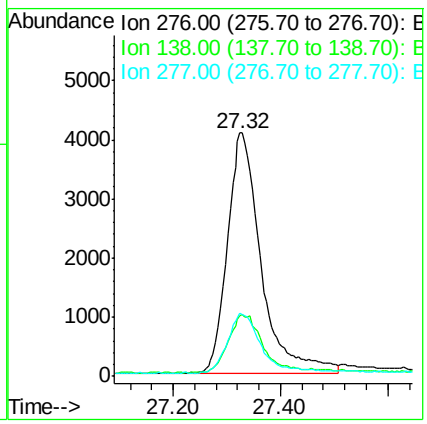


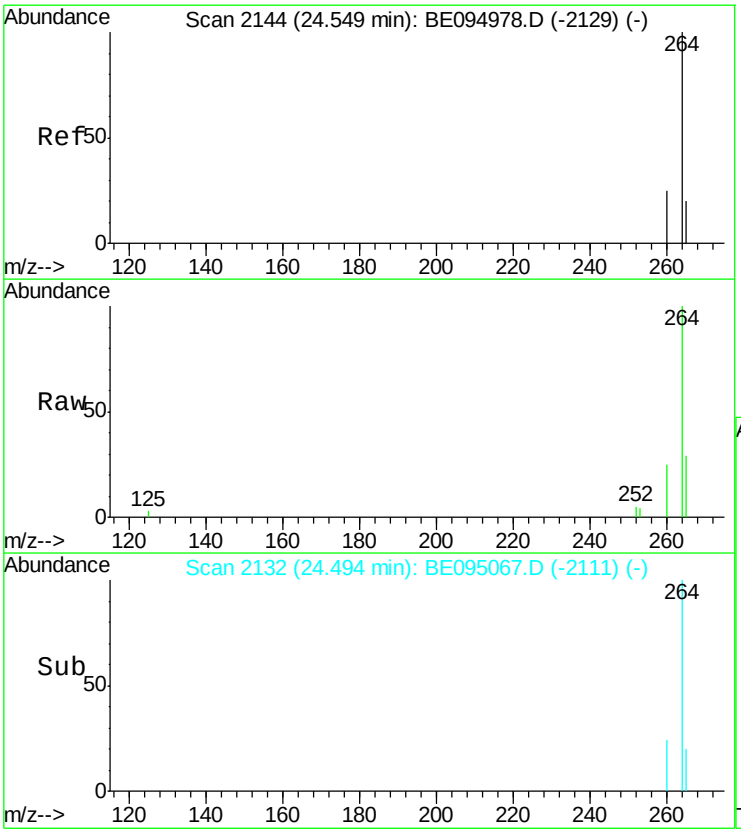


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng
RT: 27.32 min Scan# 2750
Delta R.T. -0.09 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:276 Resp: 17722

Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.5	33.7
277	24.4	19.9	29.9

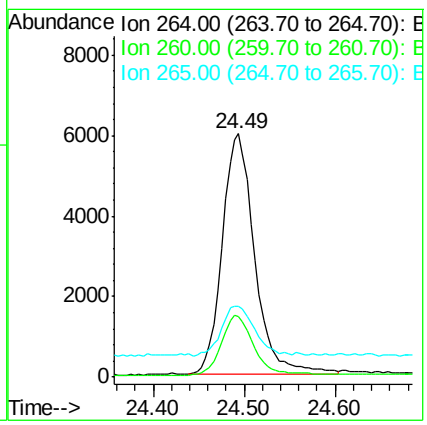


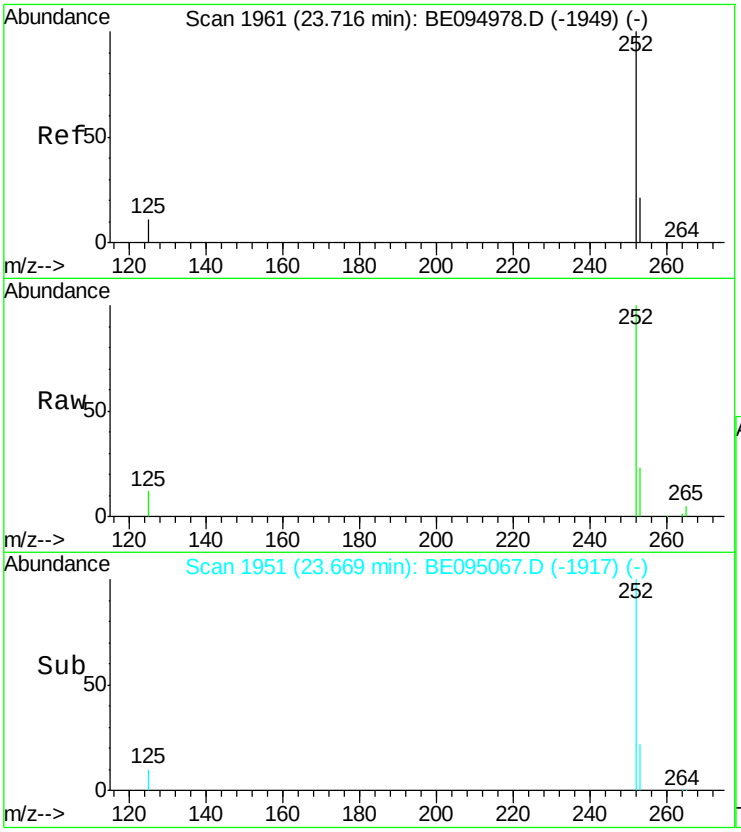


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2132
Delta R.T. -0.06 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:264 Resp: 14719

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	29.1	22.8	34.2

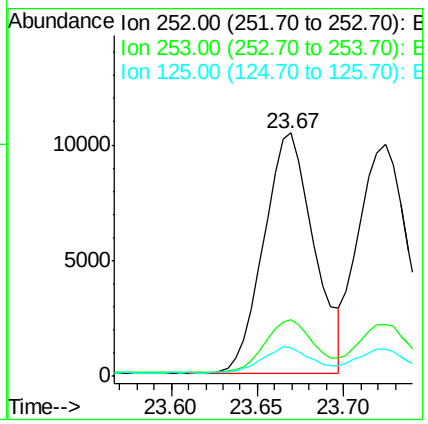


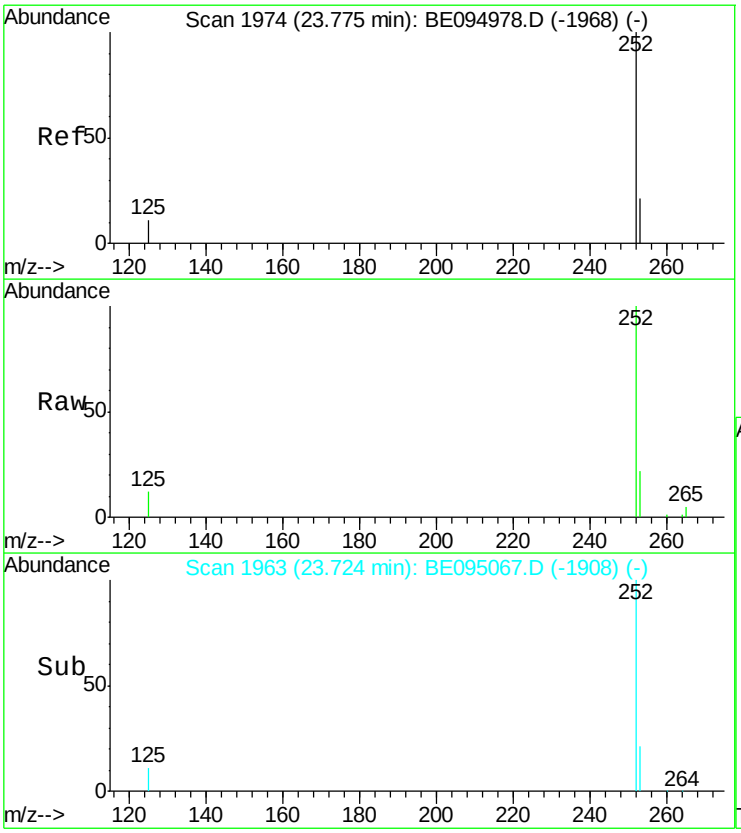


#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.67 min Scan# 1951
Delta R.T. -0.05 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:252 Resp: 21175

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	11.8	16.0	24.0#

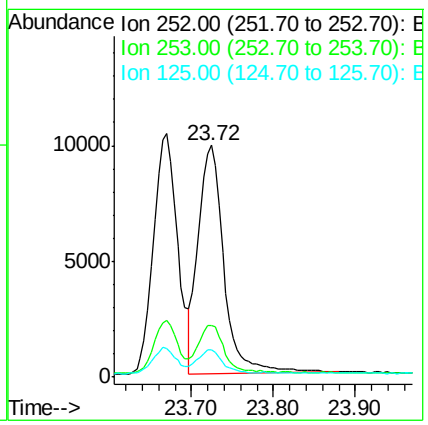


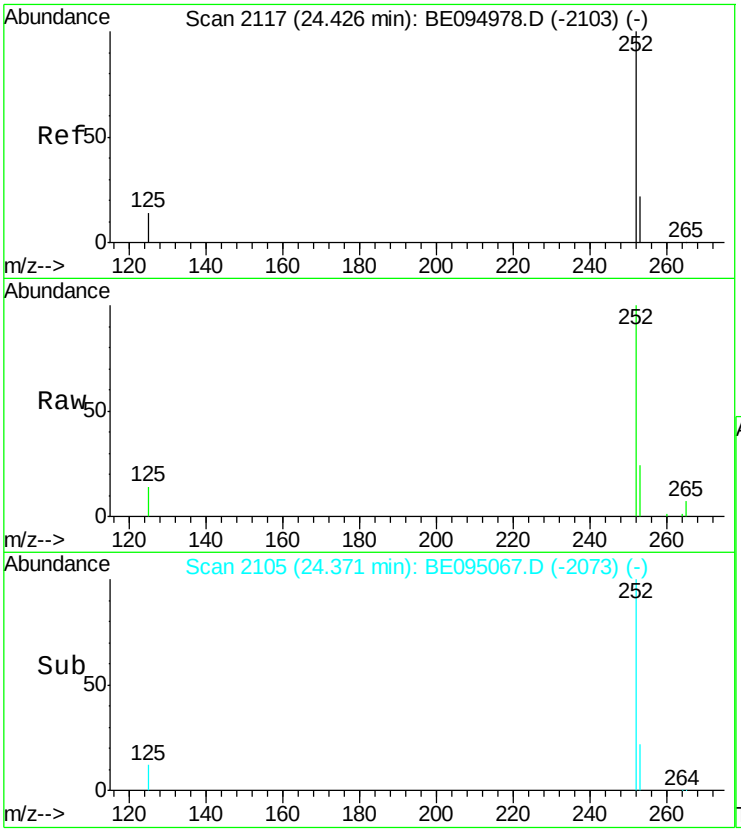


#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.72 min Scan# 1963
Delta R.T. -0.05 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:252 Resp: 21275

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.0	24.0
125	11.9	8.0	12.0

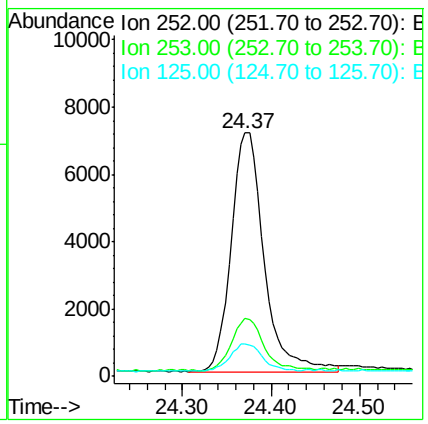


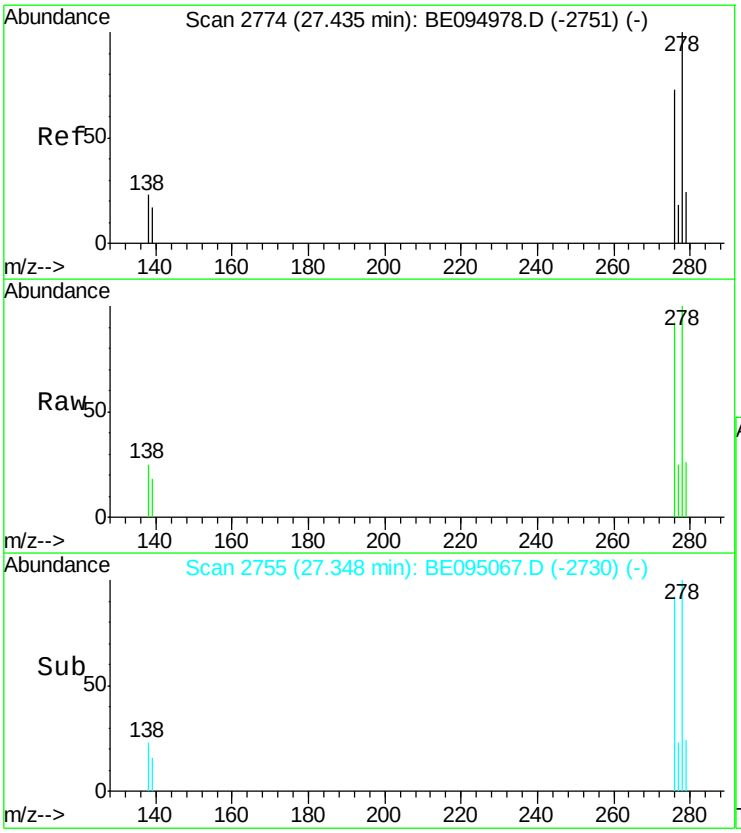


#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 24.37 min Scan# 2105
Delta R.T. -0.06 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:252 Resp: 18303

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0#
125	13.6	12.0	18.0

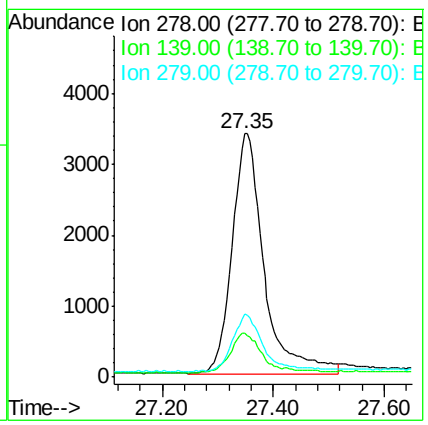


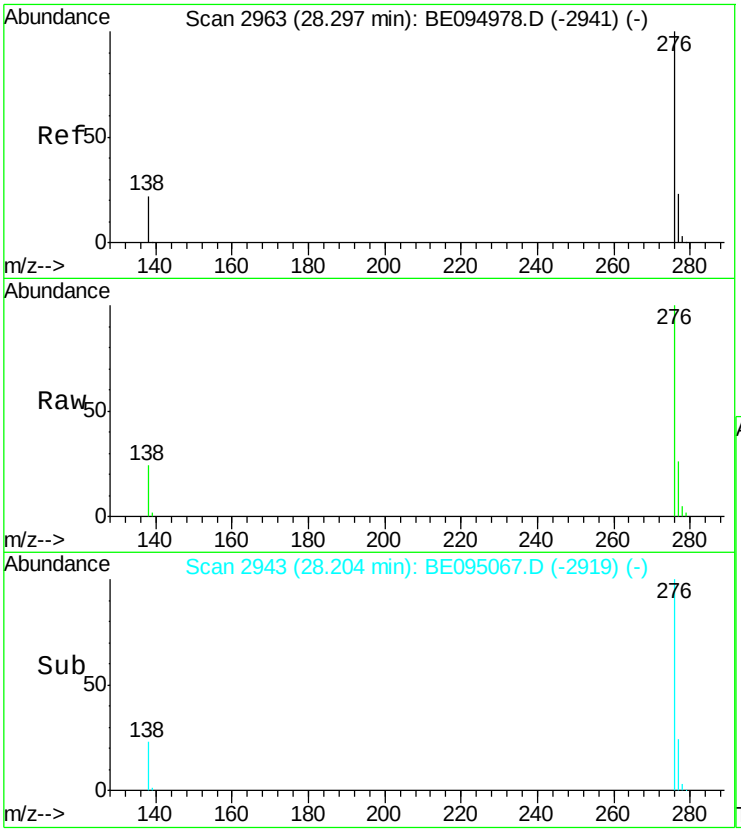


#38
Dibenzo(a,h)anthracene
Concen: 0.304 ng
RT: 27.35 min Scan# 2755
Delta R.T. -0.09 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:278 Resp: 13519

Ion	Ratio	Lower	Upper
278	100		
139	17.9	16.0	24.0
279	25.7	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 28.20 min Scan# 2943
Delta R.T. -0.09 min
Lab File: BE095067.D
Acq: 10 Jan 2018 11:35

Tgt Ion:276 Resp: 17215

Ion	Ratio	Lower	Upper
276	100		
277	25.7	16.0	24.0#
138	24.1	20.0	30.0