Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE011018\
Data File : BE095070.D
Acq On : 10 Jan 2018 14:07
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 10 15:13:36 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

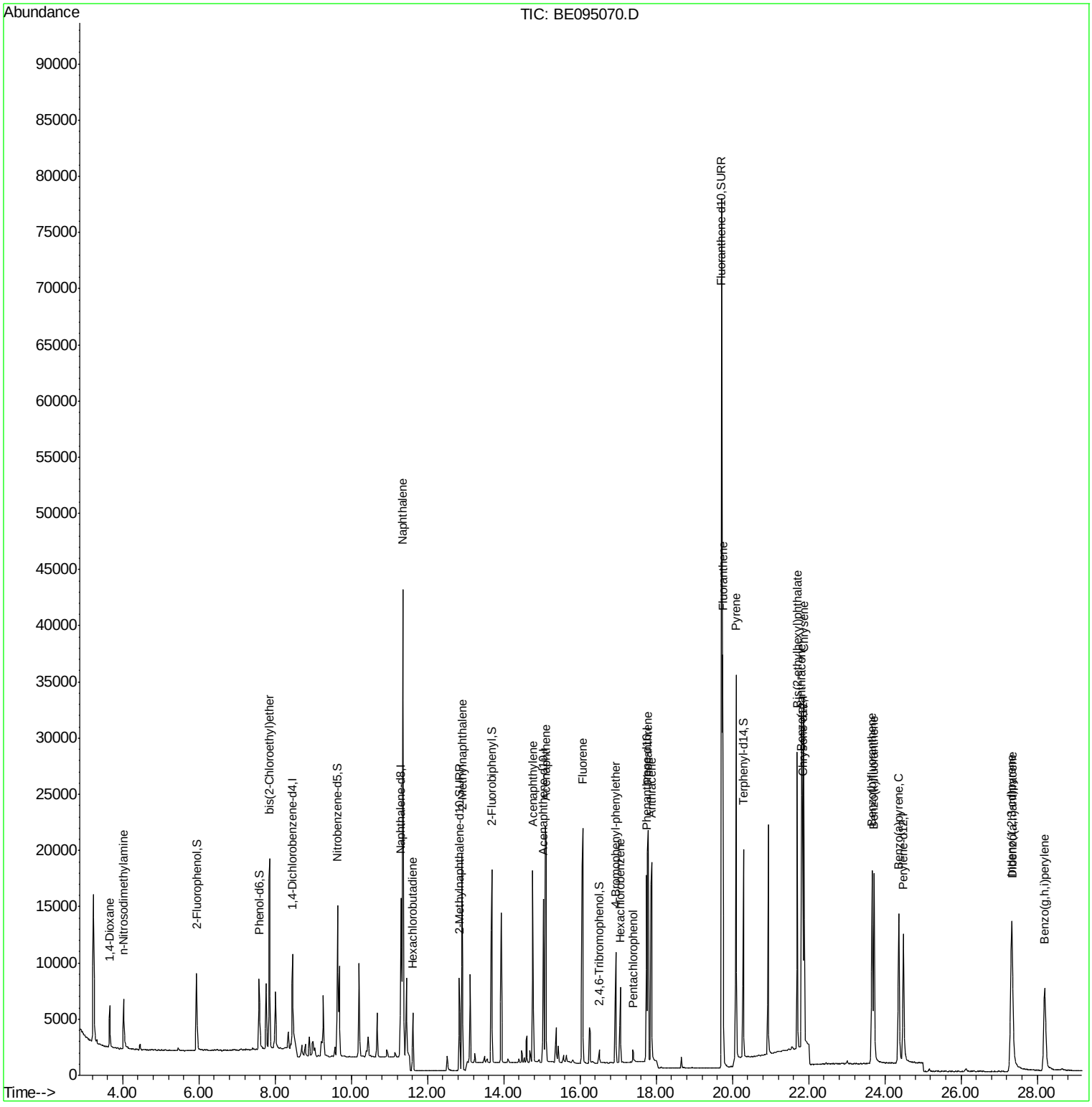
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	7268	0.40	ng		0.00
7) Naphthalene-d8	11.29	136	17022	0.40	ng		-0.02
13) Acenaphthene-d10	15.03	164	9606	0.40	ng		-0.01
19) Phenanthrene-d10	17.74	188	22743	0.40	ng		0.00
27) Chrysene-d12	21.84	240	22186	0.40	ng		0.00
34) Perylene-d12	24.49	264	18574	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	4238	0.38	ng		0.00
5) Phenol-d6	7.58	99	6216	0.37	ng		0.00
8) Nitrobenzene-d5	9.63	82	5398	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.84	152	10947	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.50	330	712	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.68	172	17004	0.40	ng		0.00
25) Fluoranthene-d10	19.72	212	108523	0.37	ng		0.00
29) Terphenyl-d14	20.28	244	17699	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	2825	0.394	ng	#	89
3) n-Nitrosodimethylamine	4.02	42	3431	0.405	ng		93
6) bis(2-Chloroethyl)ether	7.85	93	6741	0.412	ng		88
9) Naphthalene	11.34	128	76537	0.383	ng		100
10) Hexachlorobutadiene	11.61	225	3479	0.383	ng		97
12) 2-Methylnaphthalene	12.91	142	12953	0.260	ng		98
16) Acenaphthylene	14.76	152	19340	0.377	ng		99
17) Acenaphthene	15.10	154	13077	0.384	ng		96
18) Fluorene	16.07	166	16276	0.385	ng	#	79
20) 4-Bromophenyl-phenylether	16.94	248	5178	0.389	ng	#	78
21) Hexachlorobenzene	17.06	284	5038	0.370	ng	#	84
22) Pentachlorophenol	17.40	266	751	0.302	ng	#	75
23) Phenanthrene	17.79	178	26830	0.379	ng		99
24) Anthracene	17.88	178	27059	0.372	ng	#	93
26) Fluoranthene	19.75	202	31937	0.365	ng		98
28) Pyrene	20.10	202	35493	0.472	ng		97
30) Benzo(a)anthracene	21.81	228	25693	0.396	ng	#	62
31) Chrysene	21.87	228	31075	0.426	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.70	149	30776	0.373	ng		100
33) Indeno(1,2,3-cd)pyrene	27.32	276	23333	0.393	ng		97
35) Benzo(b)fluoranthene	23.66	252	25860	0.379	ng	#	90
36) Benzo(k)fluoranthene	23.71	252	26770	0.387	ng		95
37) Benzo(a)pyrene	24.37	252	23450	0.387	ng		94
38) Dibenzo(a,h)anthracene	27.34	278	17890	0.319	ng		98
39) Benzo(g,h,i)perylene	28.19	276	20434	0.366	ng	#	94

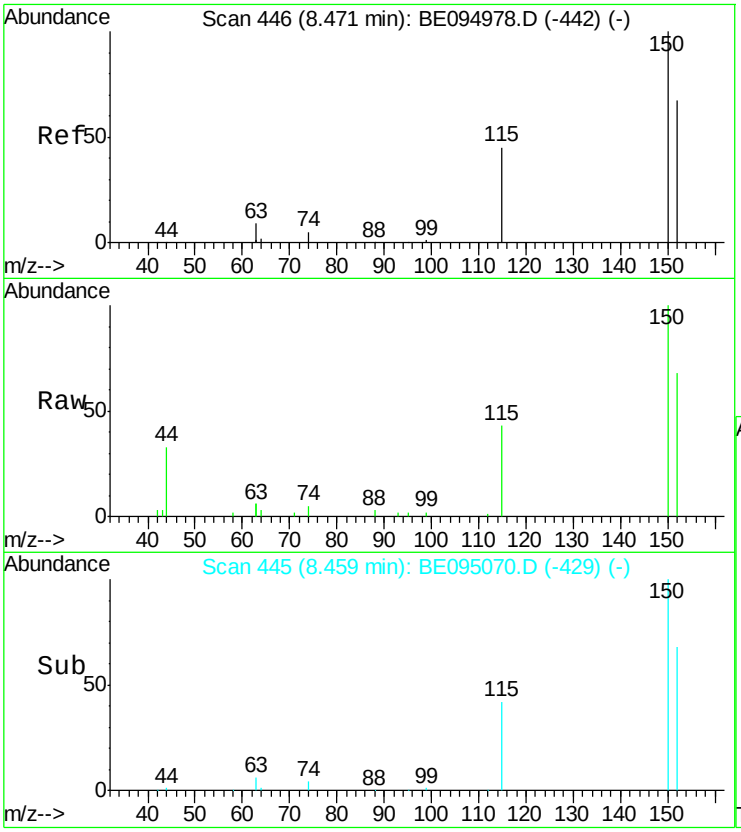
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE011018\
Data File : BE095070.D
Acq On : 10 Jan 2018 14:07
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 10 15:13:36 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

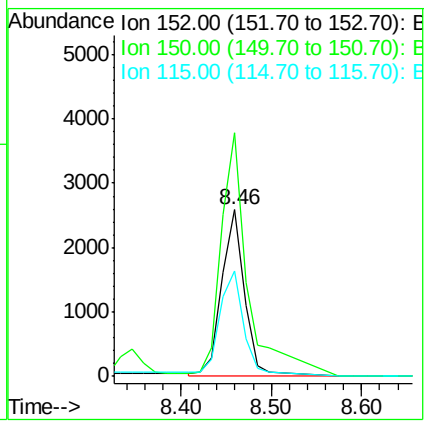


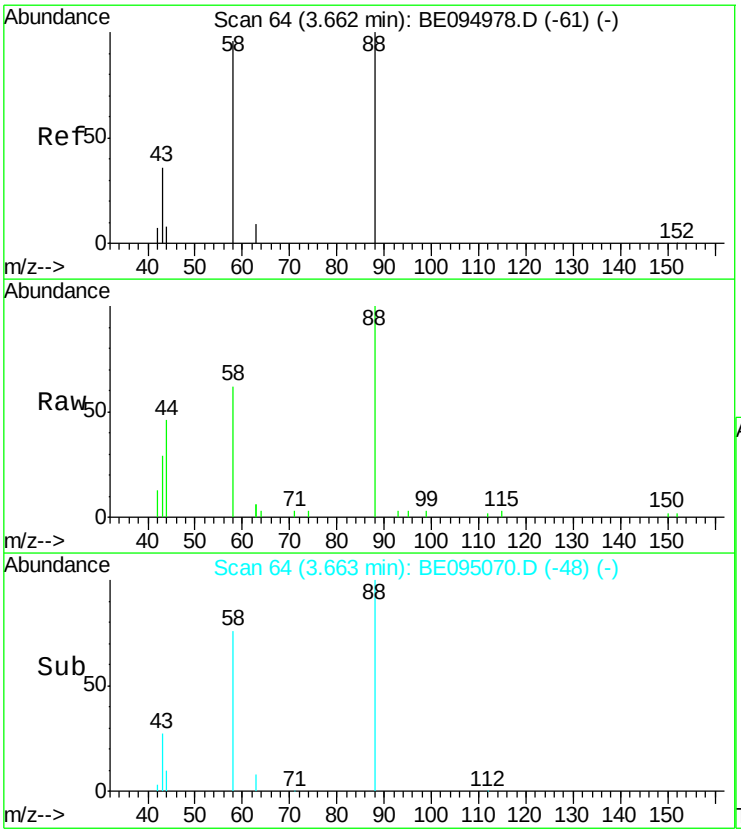


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:152 Resp: 7268

Ion	Ratio	Lower	Upper
152	100		
150	146.1	117.2	175.8
115	63.0	57.0	85.6

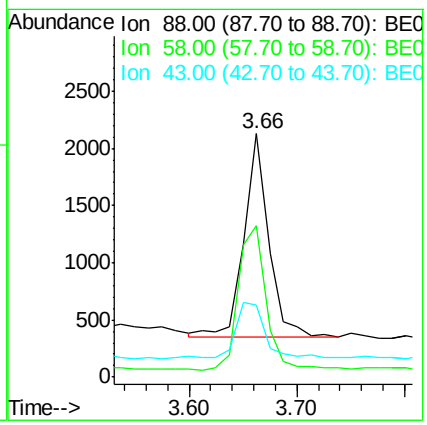


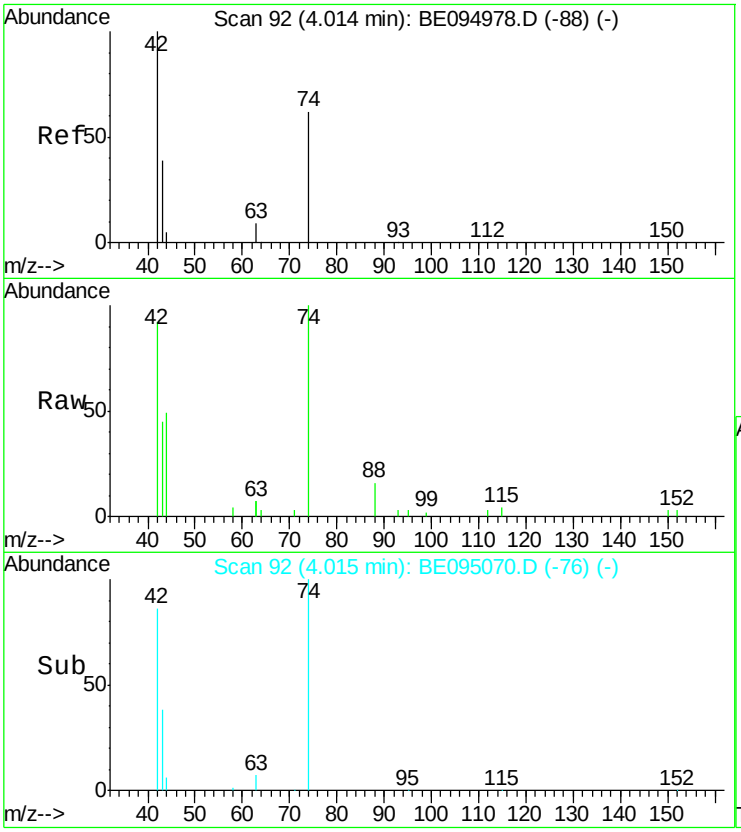


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion: 88 Resp: 2825

Ion	Ratio	Lower	Upper
88	100		
58	80.2	63.2	94.8
43	33.5	41.2	61.8#

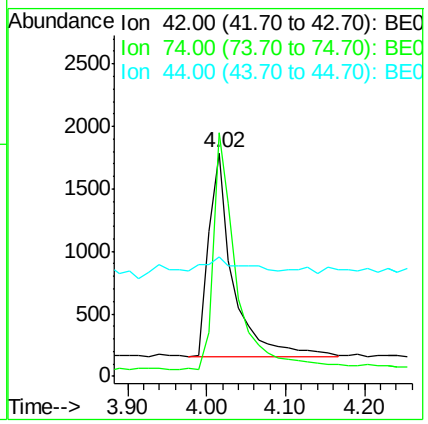


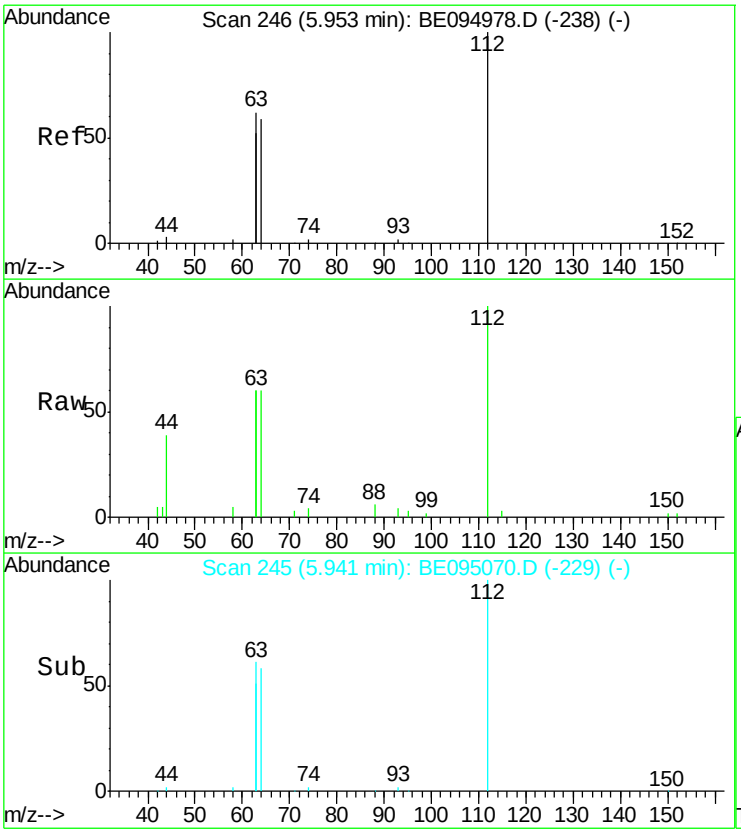


#3
n-Nitrosodimethylamine
Concen: 0.405 ng
RT: 4.02 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion: 42 Resp: 3431

Ion	Ratio	Lower	Upper
42	100		
74	112.7	96.0	144.0
44	12.2	12.0	18.0

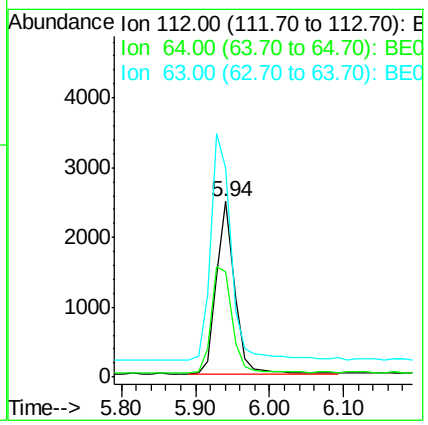


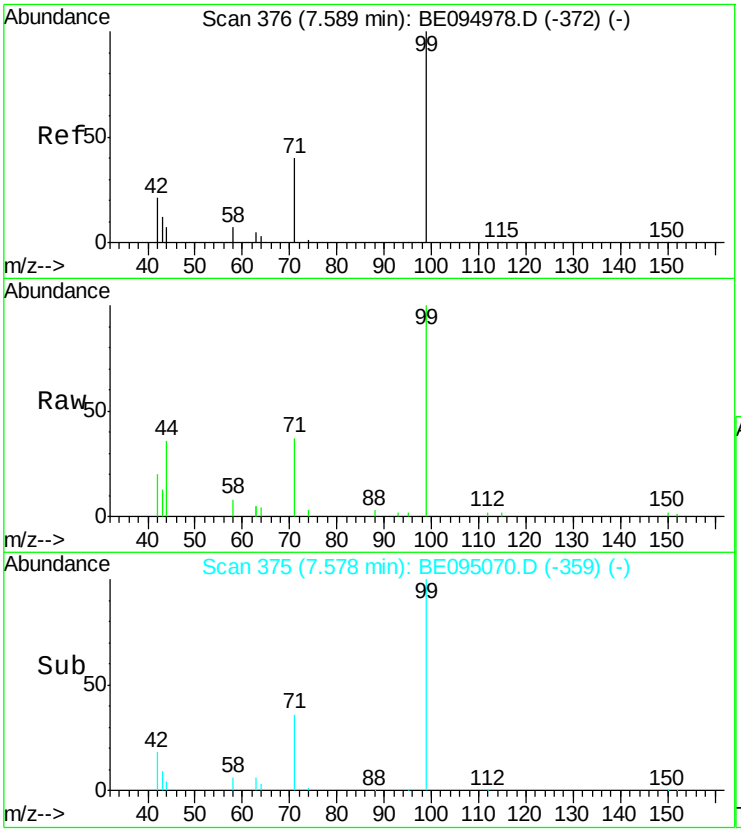


#4
2-Fluorophenol
Concen: 0.375 ng
RT: 5.94 min Scan# 245
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:112 Resp: 4238

Ion	Ratio	Lower	Upper
112	100		
64	71.5	60.1	90.1
63	146.7	116.8	175.2

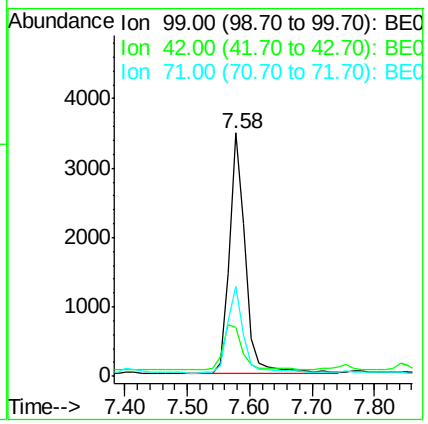


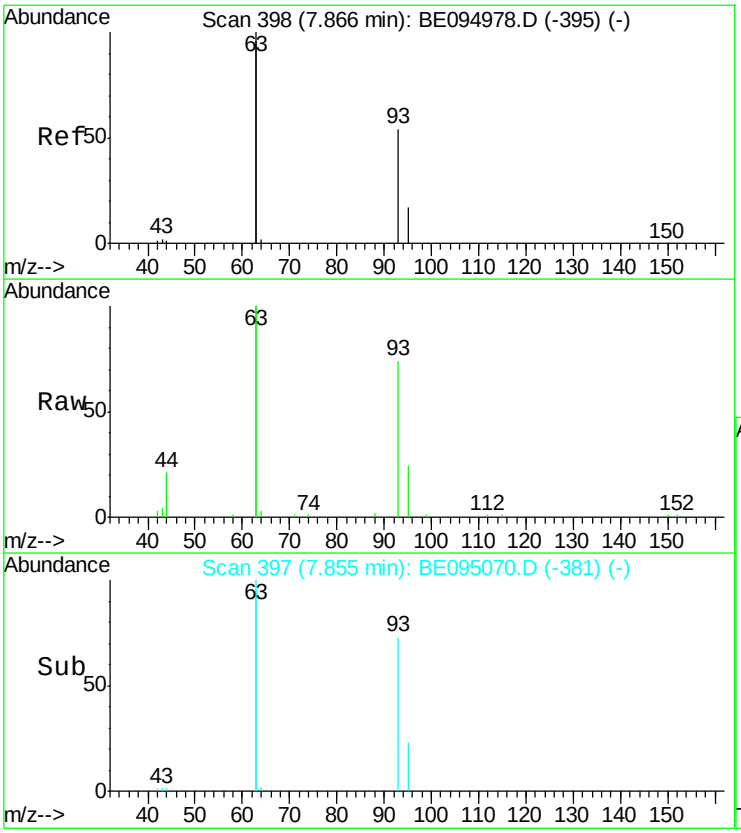


#5
Phenol-d6
Concen: 0.371 ng
RT: 7.58 min Scan# 375
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion: 99 Resp: 6216

Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.2	30.2
71	36.6	28.4	42.6

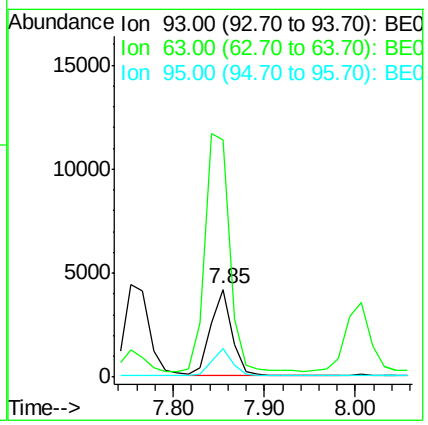


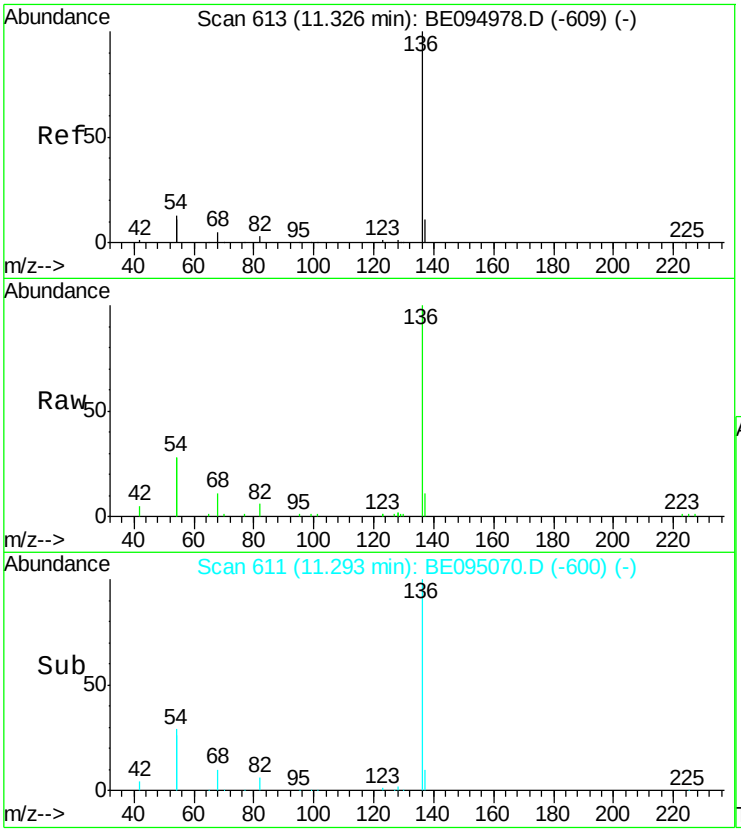


#6
bis(2-Chloroethyl)ether
Concen: 0.412 ng
RT: 7.85 min Scan# 397
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion: 93 Resp: 6741

Ion	Ratio	Lower	Upper
93	100		
63	315.6	275.3	412.9
95	31.0	25.2	37.8

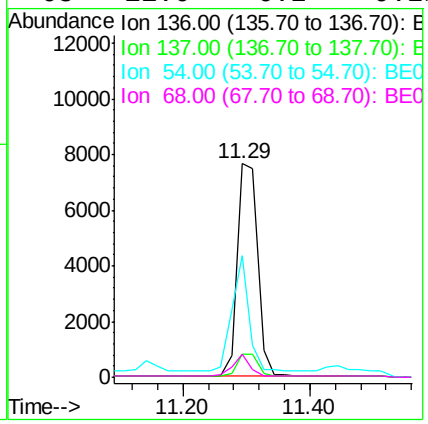


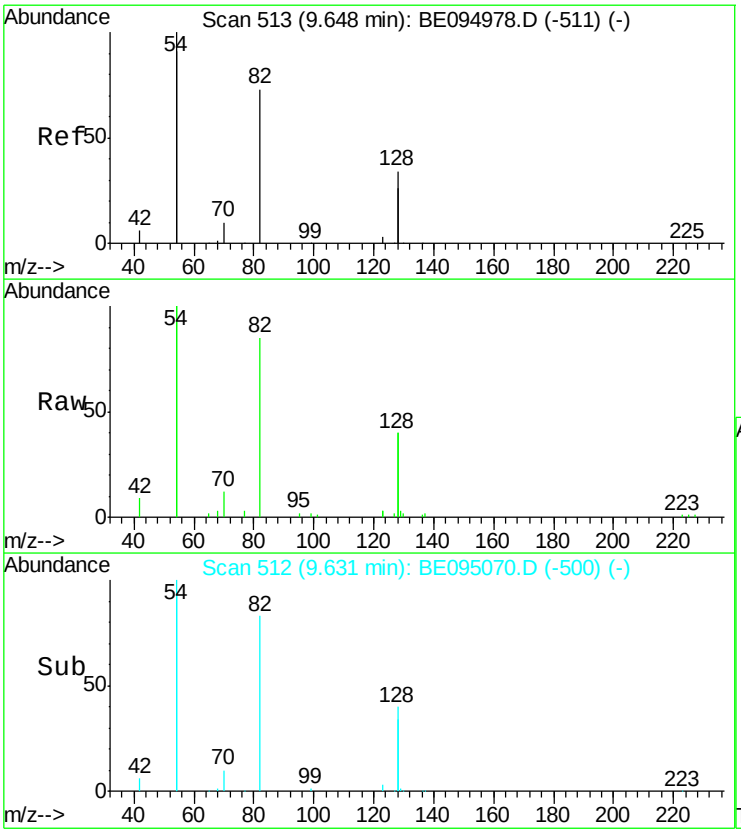


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.29 min Scan# 611
Delta R.T. -0.02 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:136 Resp: 17022

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	56.9	29.1	43.7#
68	11.0	6.2	9.2#

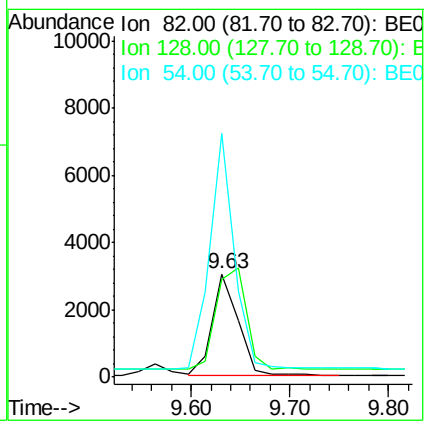


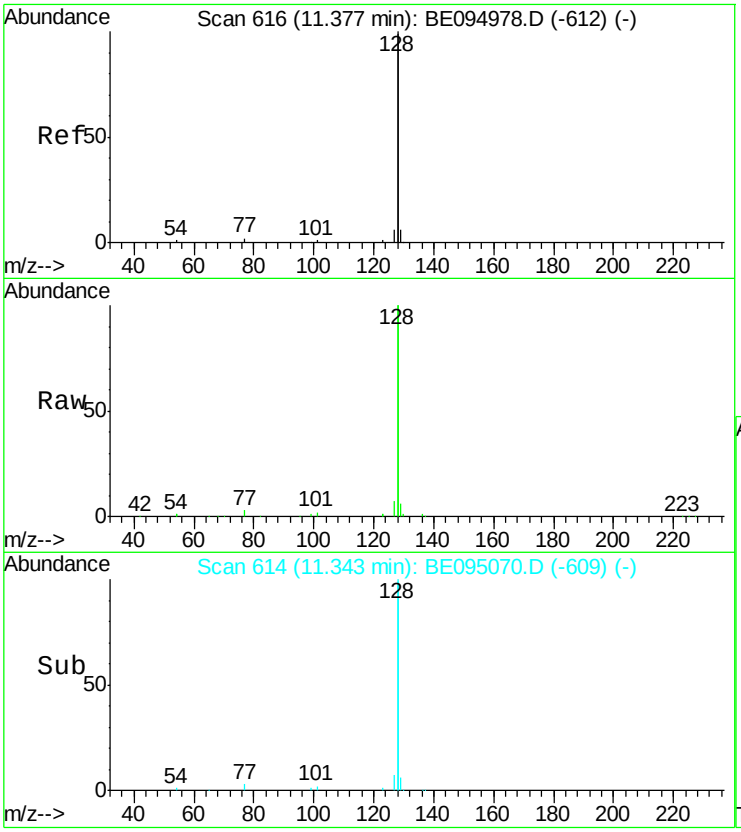


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion: 82 Resp: 5398

Ion	Ratio	Lower	Upper
82	100		
128	94.9	150.0	225.0#
54	236.2	154.2	231.4#

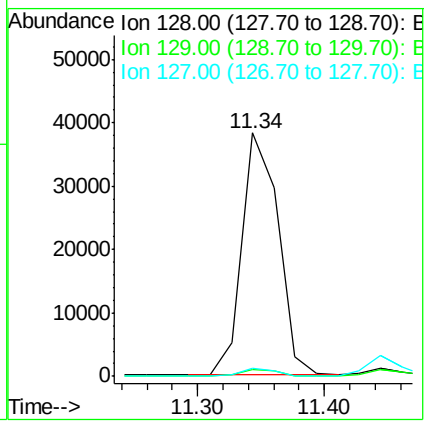


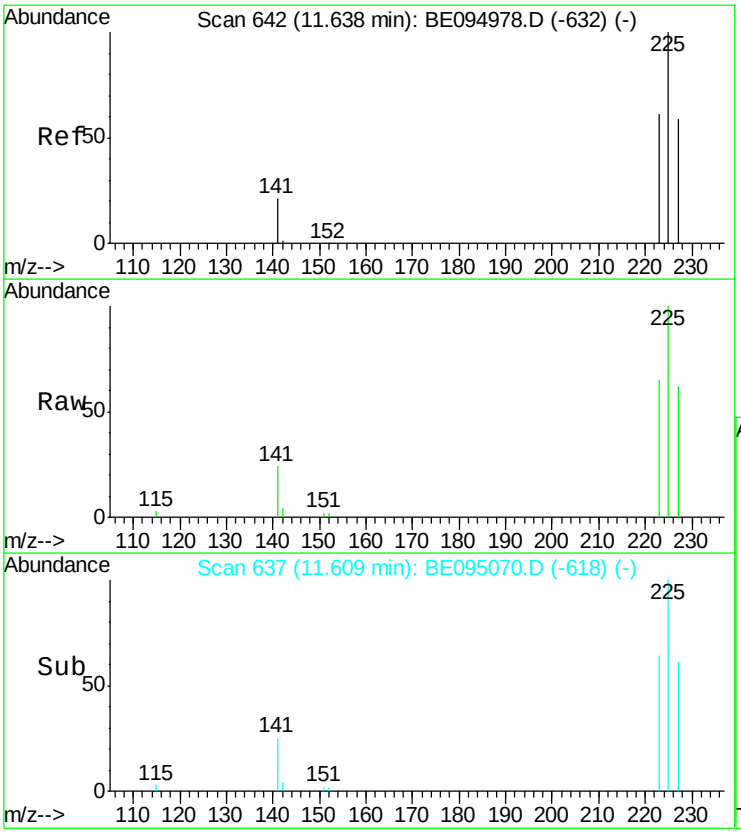


#9
Naphthalene
Concen: 0.383 ng
RT: 11.34 min Scan# 614
Delta R.T. -0.02 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:128 Resp: 76537

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.5	2.8	4.2

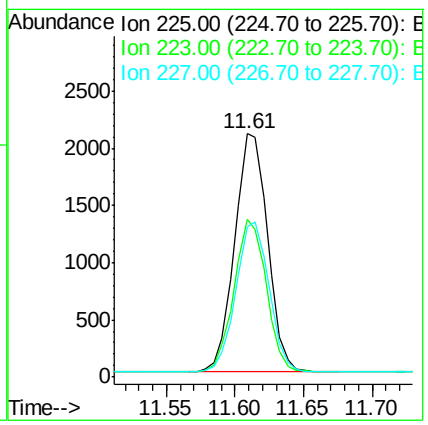


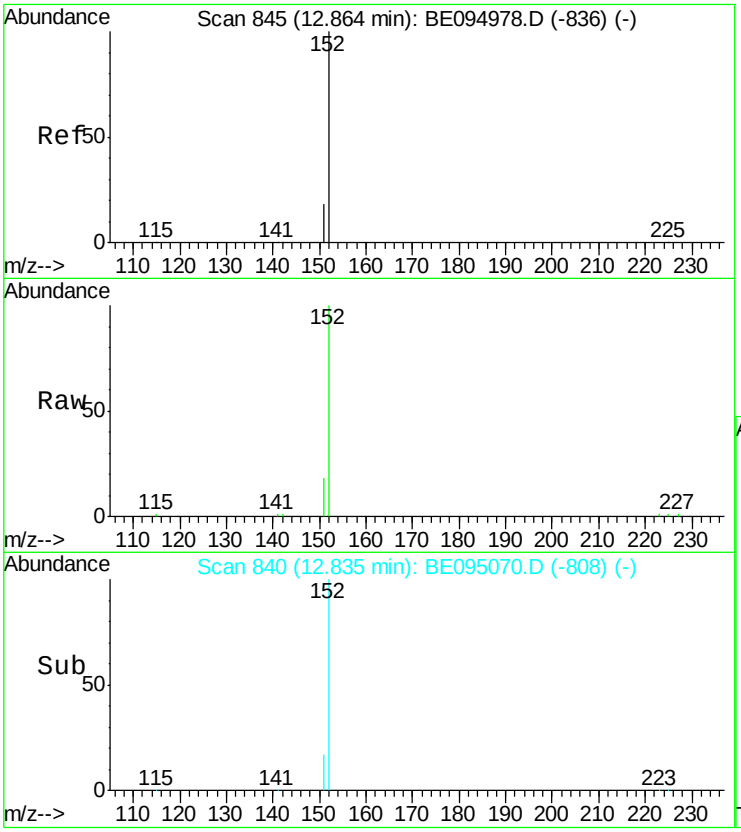


#10
Hexachlorobutadiene
Concen: 0.383 ng
RT: 11.61 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:225 Resp: 3479

Ion	Ratio	Lower	Upper
225	100		
223	62.7	53.0	79.6
227	63.6	51.4	77.2

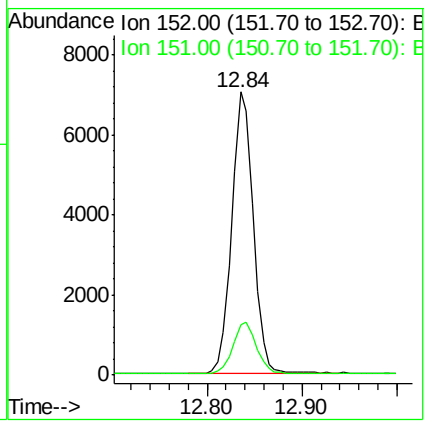


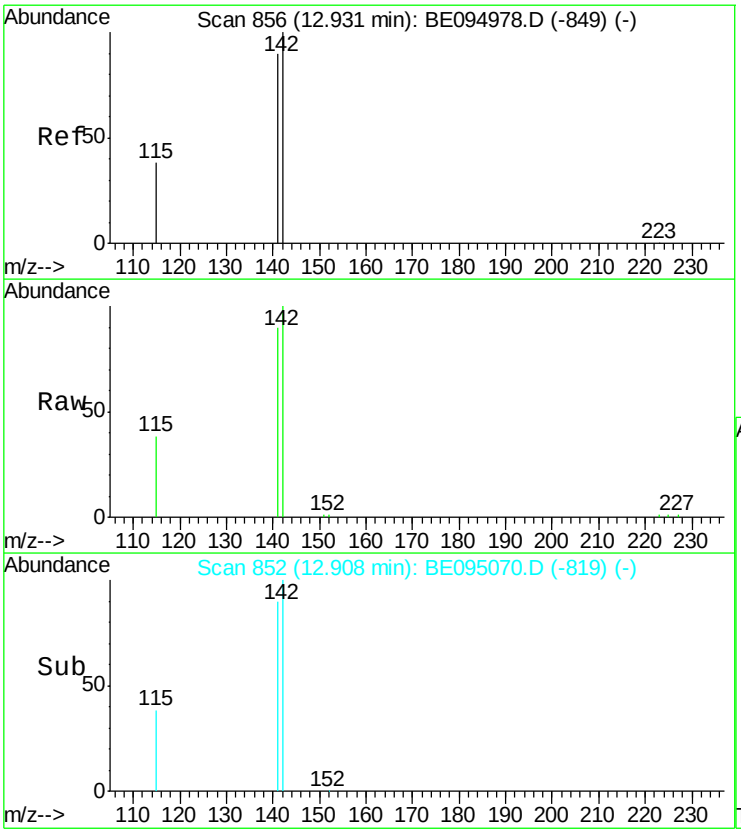


#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.84 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:152 Resp: 10947

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0

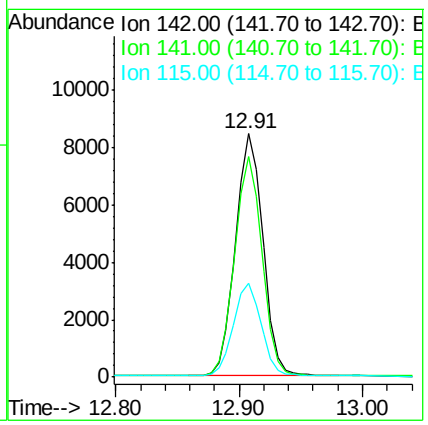


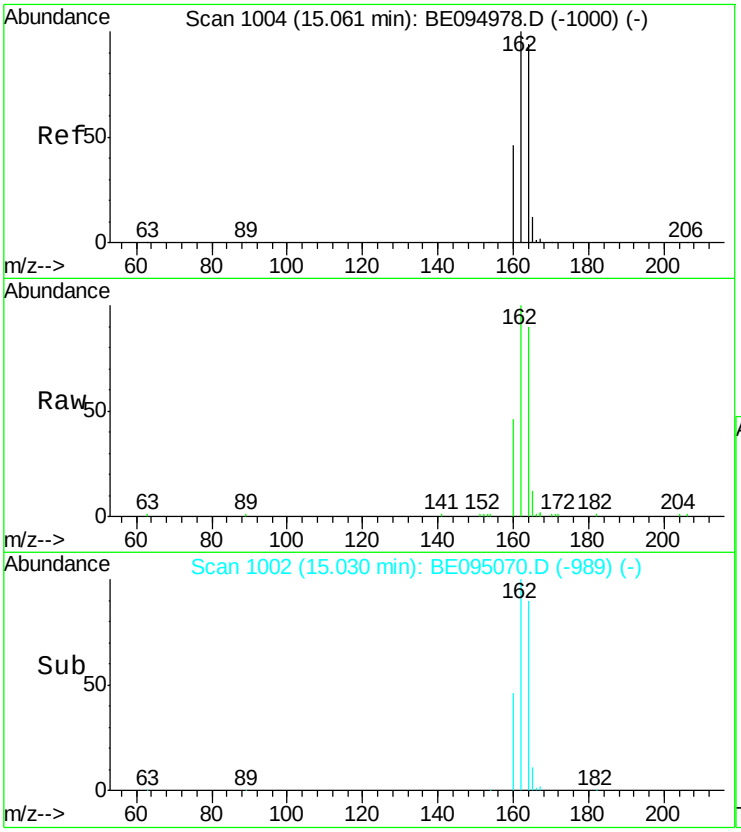


#12
2-Methylnaphthalene
Concen: 0.260 ng
RT: 12.91 min Scan# 852
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:142 Resp: 12953

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.4	105.6
115	38.4	31.7	47.5

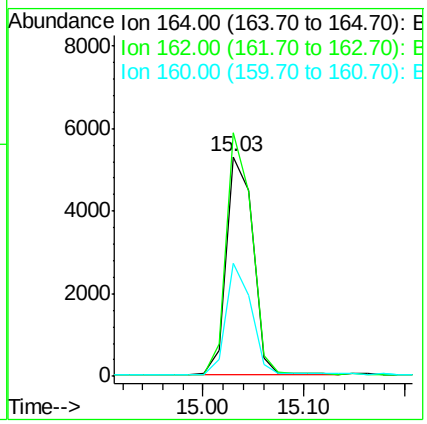


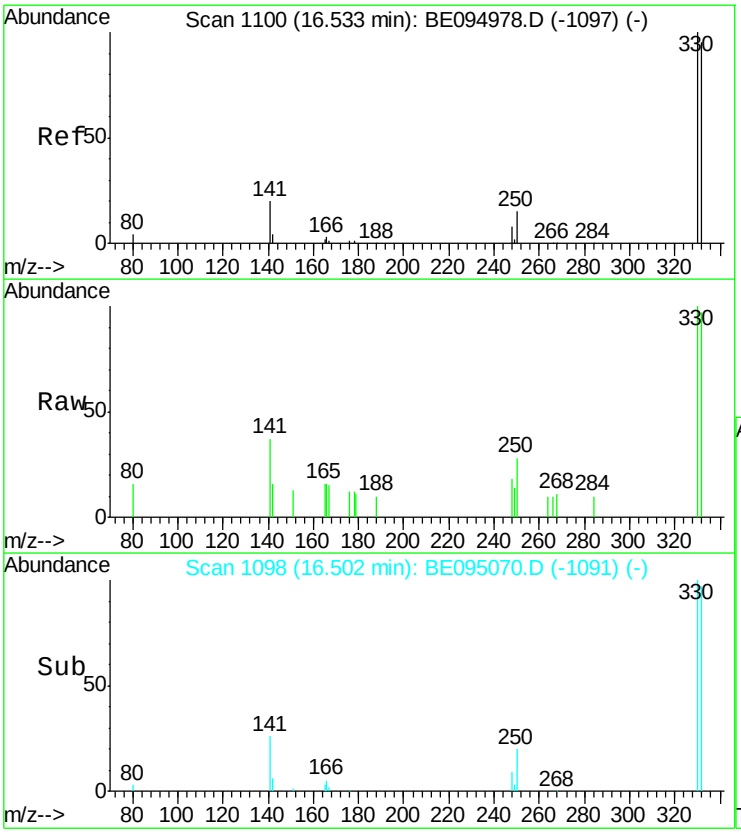


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:164 Resp: 9606

Ion	Ratio	Lower	Upper
164	100		
162	110.7	83.1	124.7
160	51.1	37.1	55.7

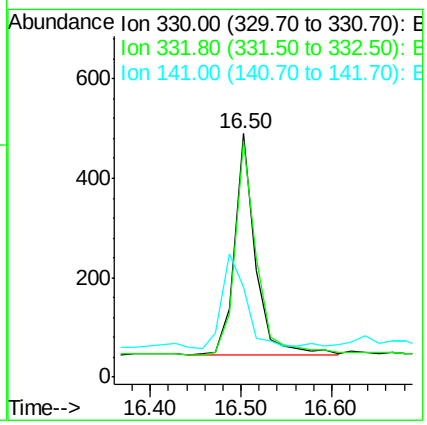


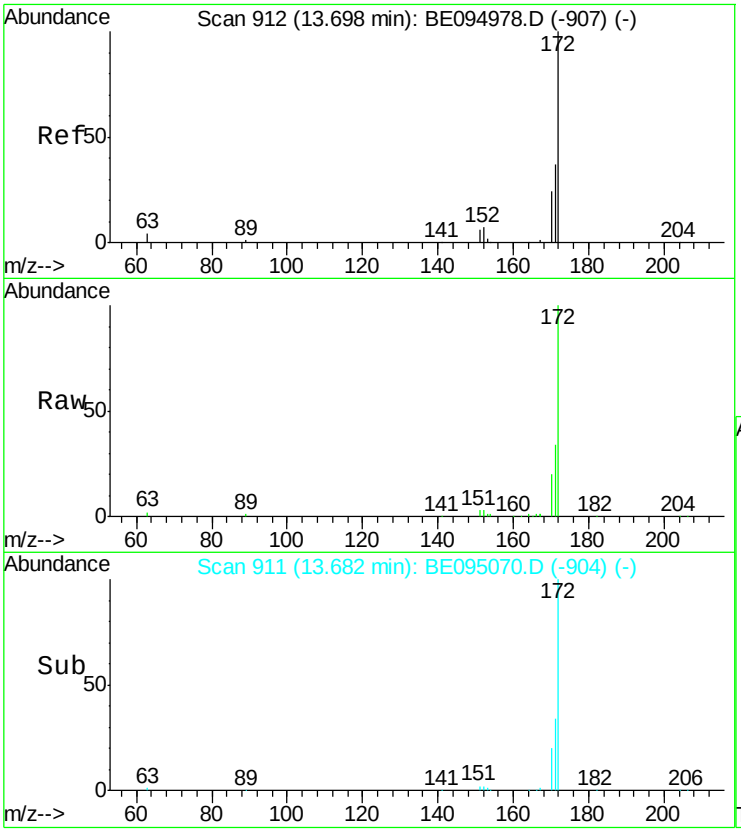


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 16.50 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:330 Resp: 712

Ion	Ratio	Lower	Upper
330	100		
332	102.5	152.7	229.1#
141	50.3	33.7	50.5

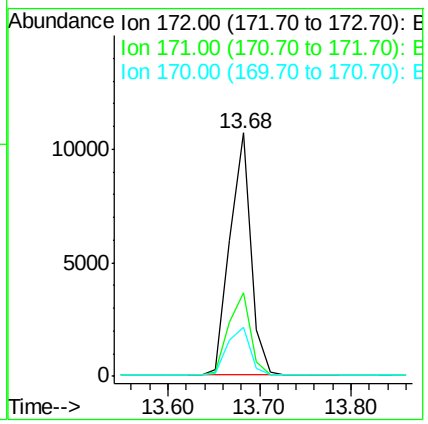


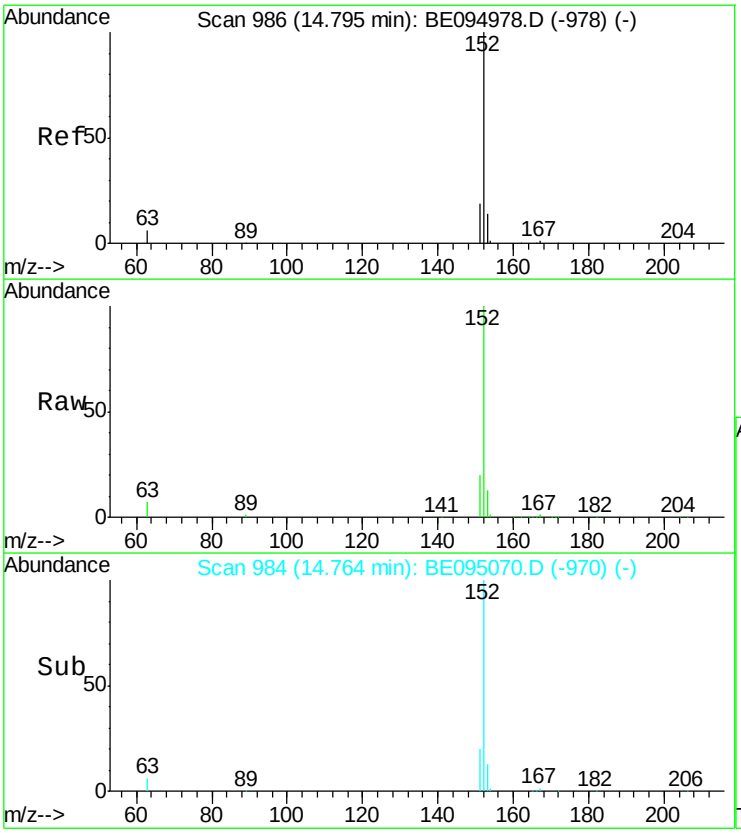


#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.68 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:172 Resp: 17004

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.9	44.9
170	20.1	21.8	32.8#

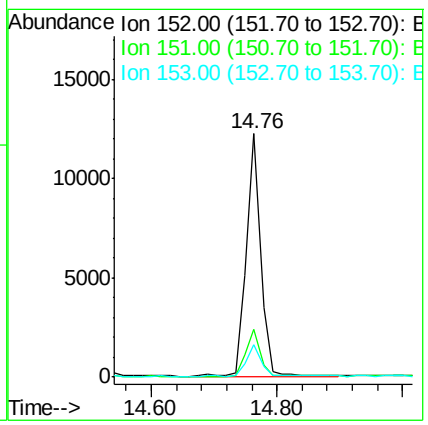


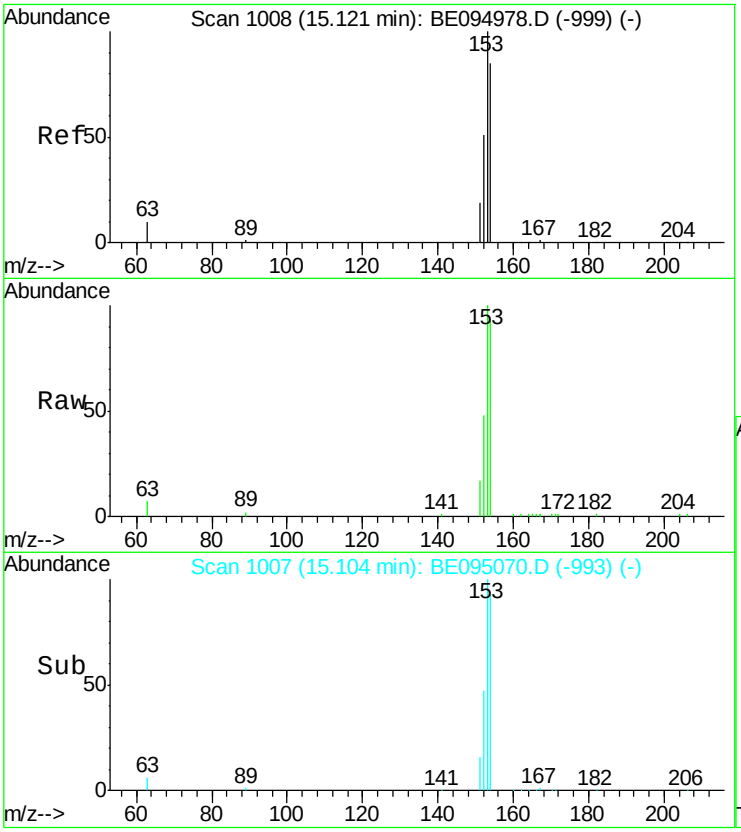


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.76 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:152 Resp: 19340

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.7	10.5	15.7

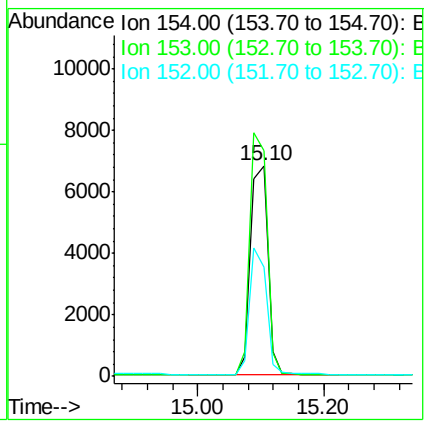


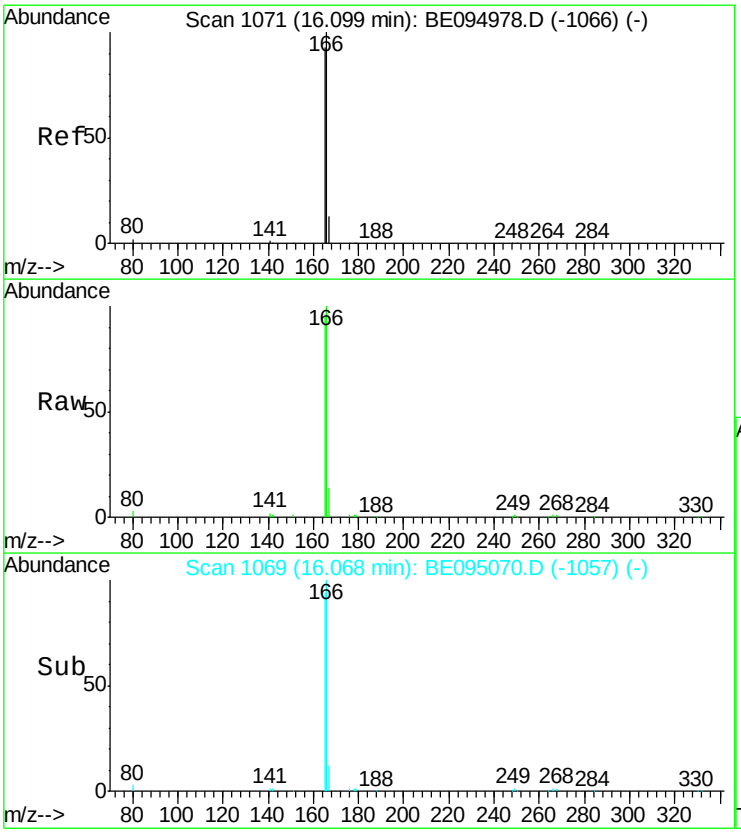


#17
Acenaphthene
Concen: 0.384 ng
RT: 15.10 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:154 Resp: 13077

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	58.3	42.0	63.0

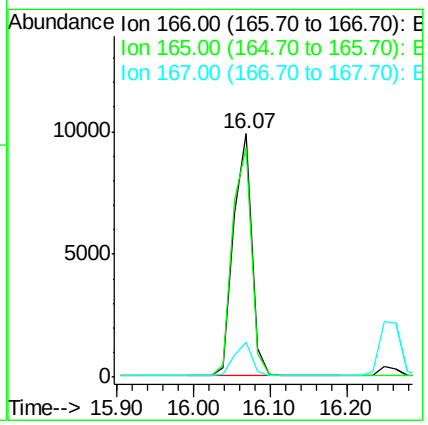


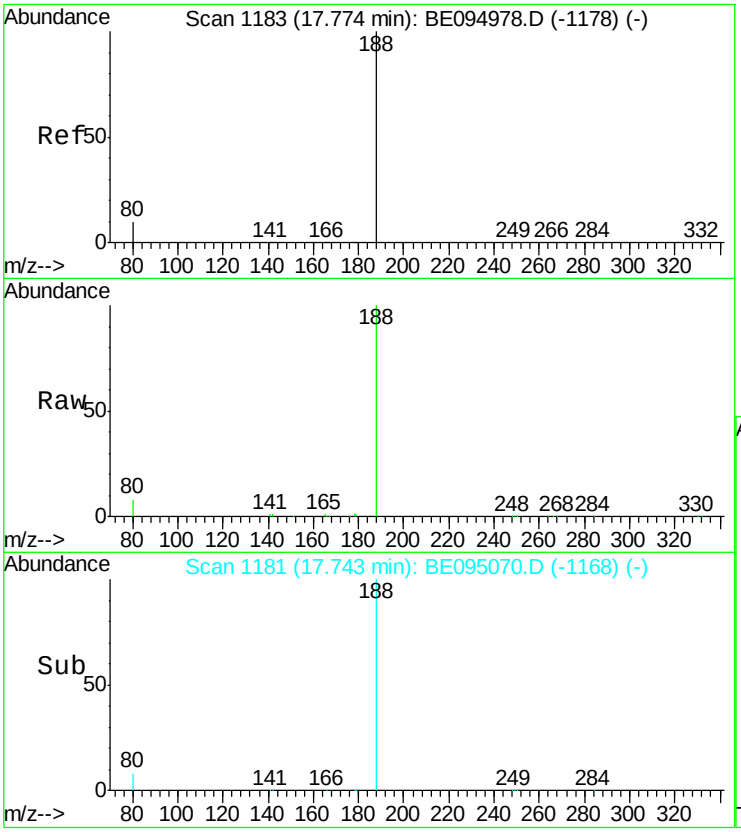


#18
Fluorene
Concen: 0.385 ng
RT: 16.07 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:166 Resp: 16276

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.6
167	13.4	42.4	63.6#

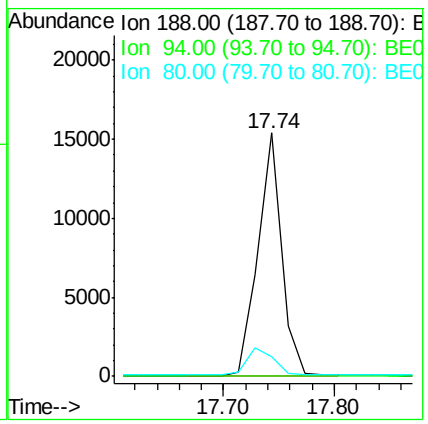


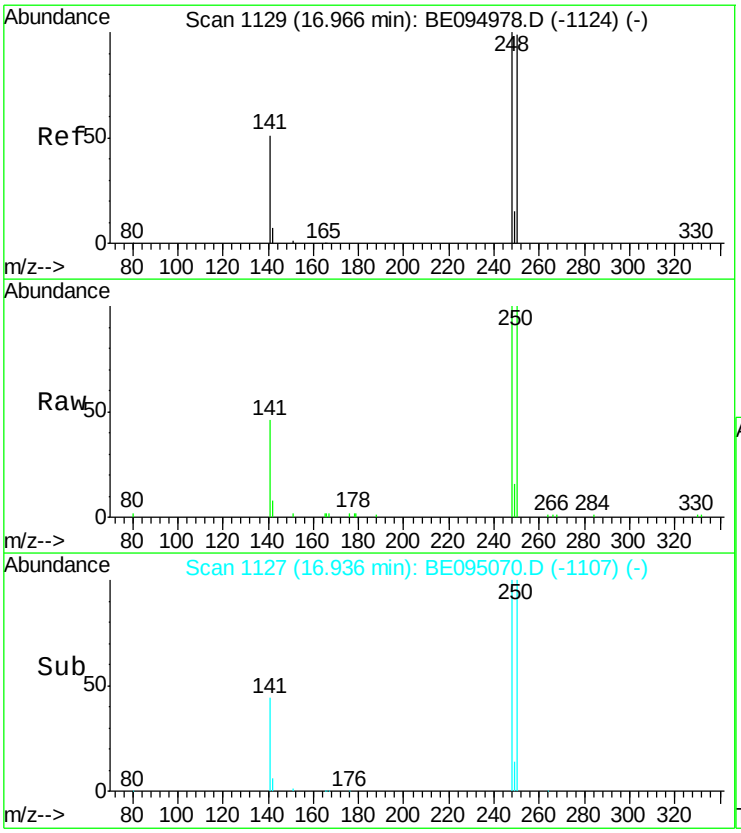


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:188 Resp: 22743

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.3	3.6	5.4#

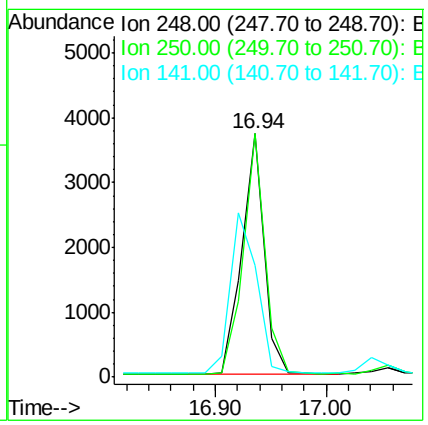


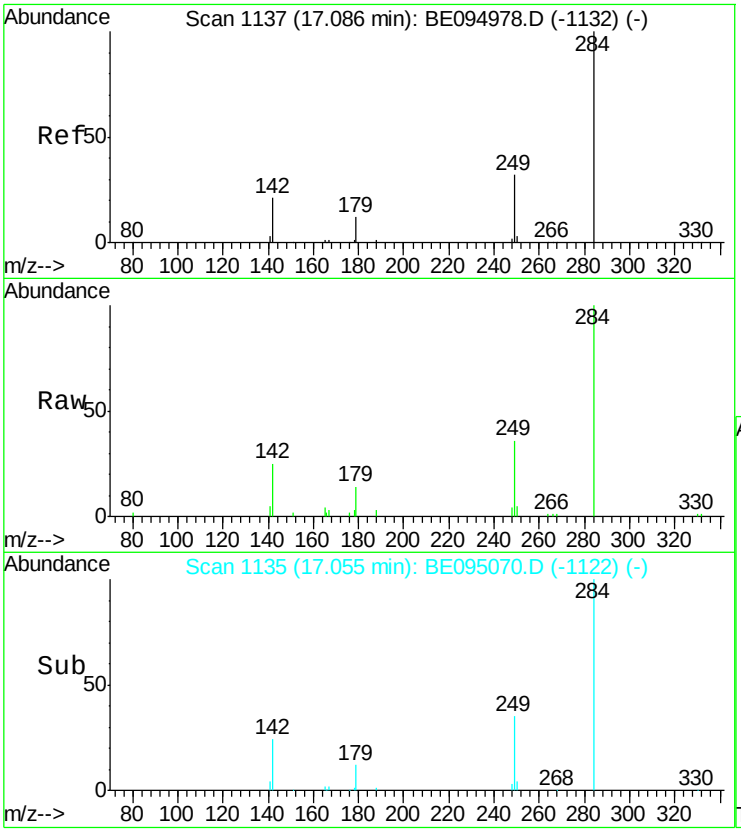


#20
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.94 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:248 Resp: 5178

Ion	Ratio	Lower	Upper
248	100		
250	99.8	62.7	94.1#
141	46.0	48.2	72.2#

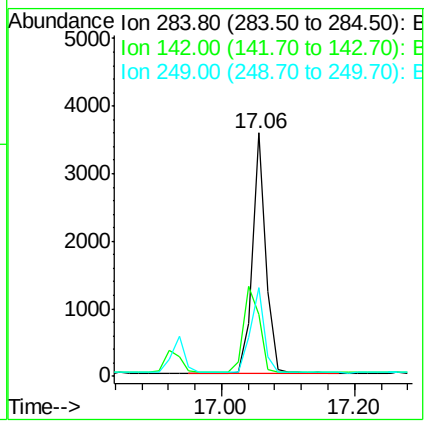


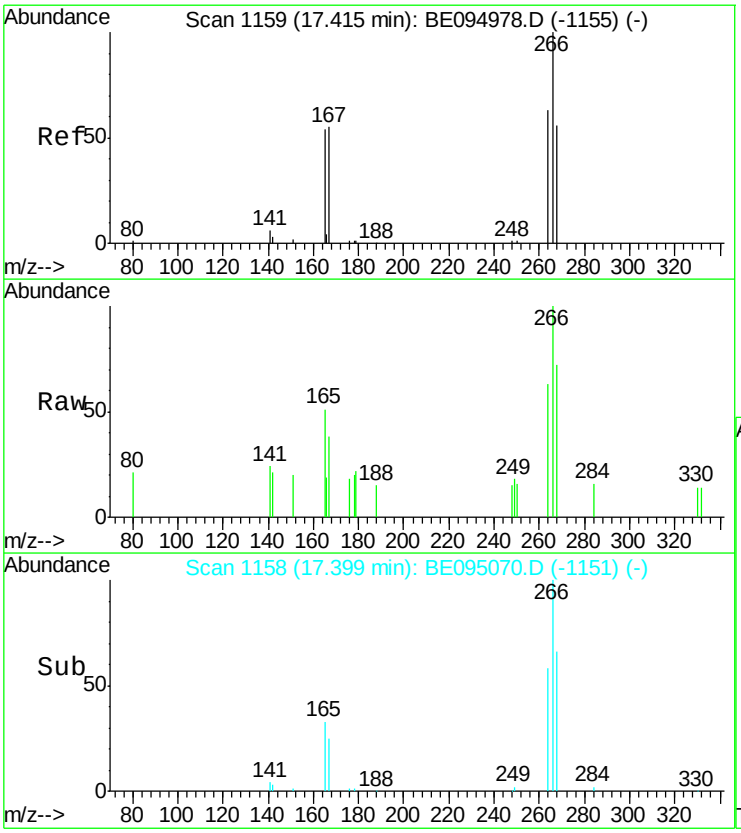


#21
Hexachlorobenzene
Concen: 0.370 ng
RT: 17.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:284 Resp: 5038

Ion	Ratio	Lower	Upper
284	100		
142	41.7	22.1	33.1#
249	37.2	34.8	52.2

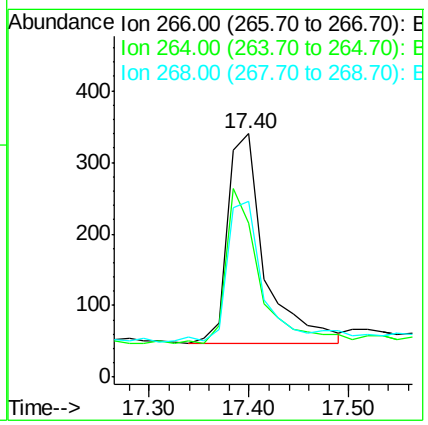


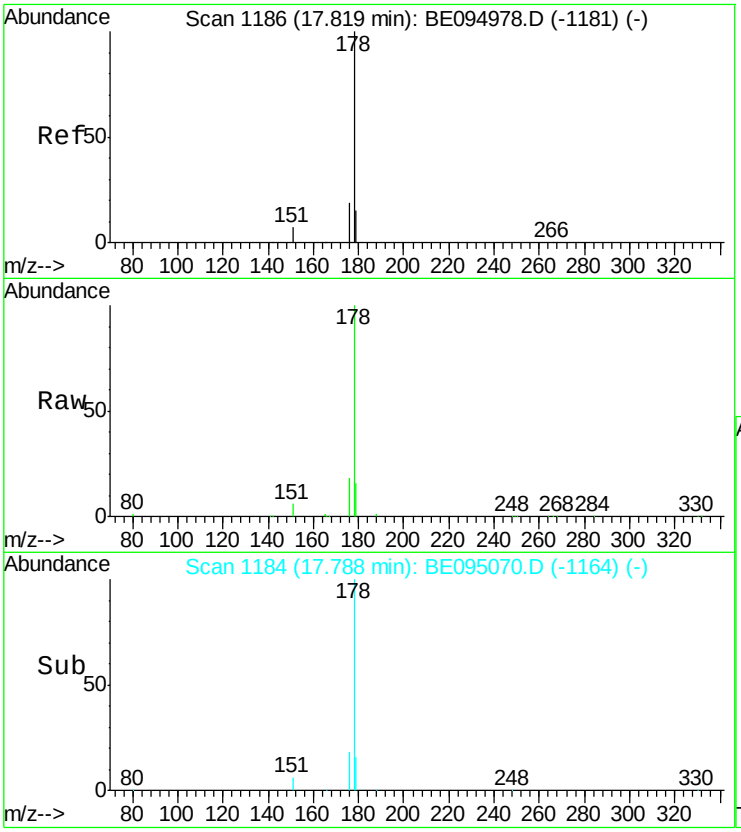


#22
Pentachlorophenol
Concen: 0.302 ng
RT: 17.40 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:266 Resp: 751

Ion	Ratio	Lower	Upper
266	100		
264	63.2	72.5	108.7#
268	72.1	73.8	110.6#

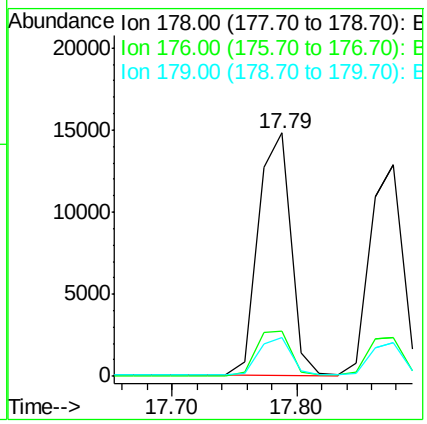


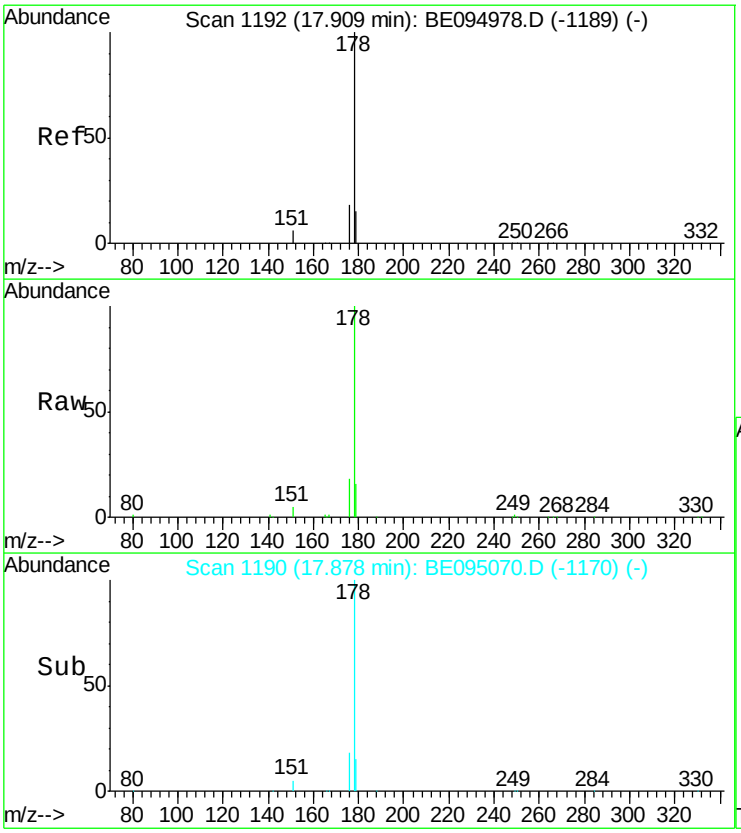


#23
Phenanthrene
Concen: 0.379 ng
RT: 17.79 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:178 Resp: 26830

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.4	11.8	17.6

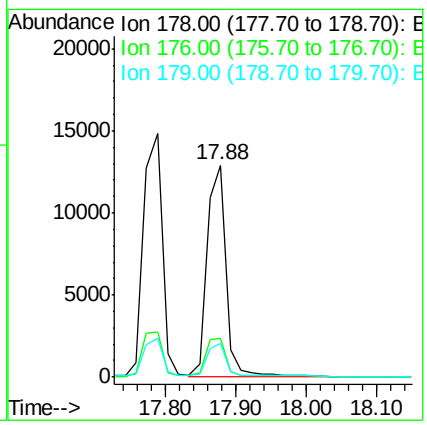


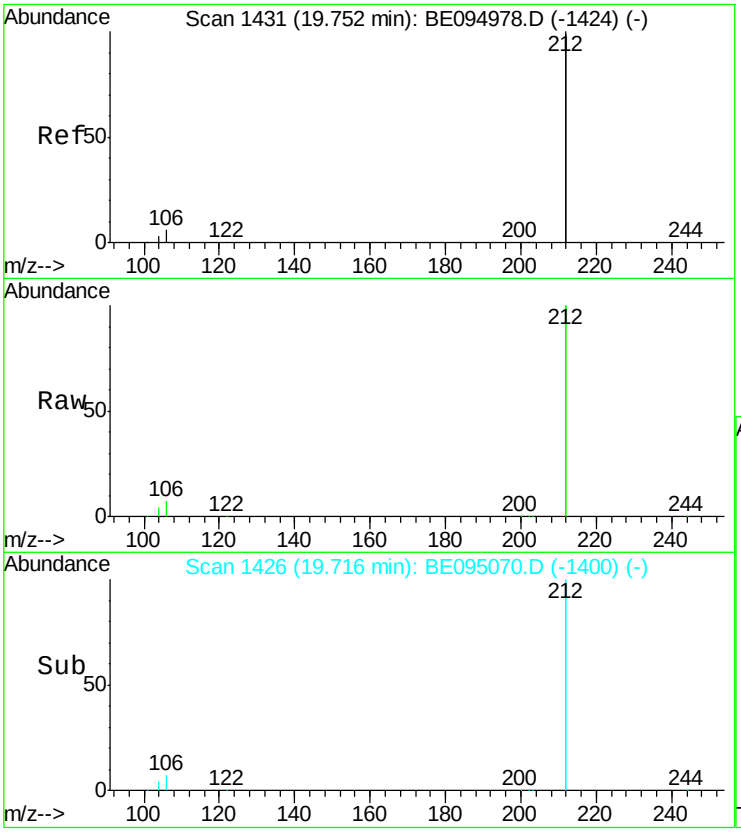


#24
Anthracene
Concen: 0.372 ng
RT: 17.88 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:178 Resp: 27059

Ion	Ratio	Lower	Upper
178	100		
176	20.7	12.8	19.2#
179	17.9	13.0	19.6

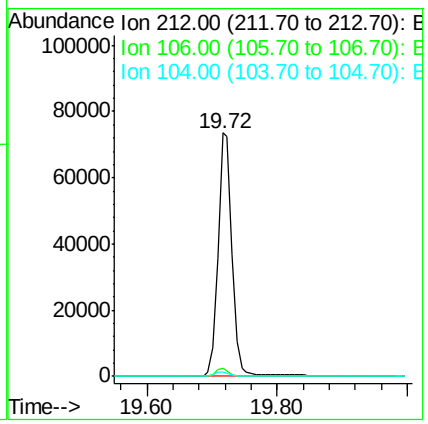


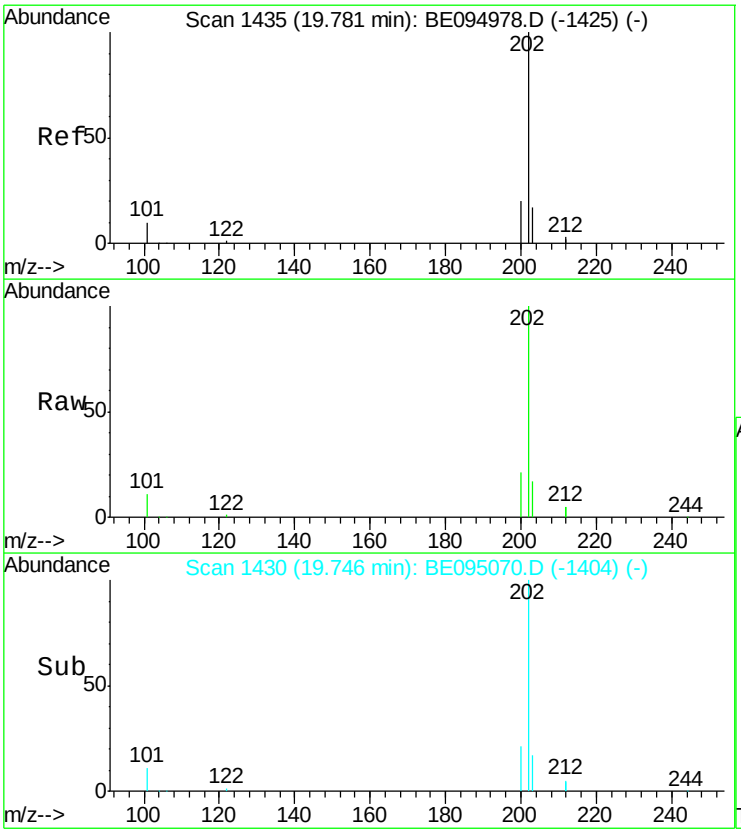


#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.72 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:212 Resp: 108523

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

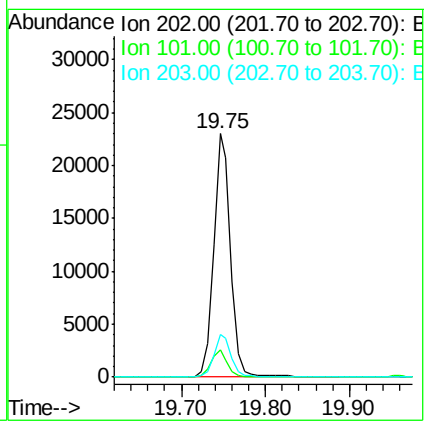


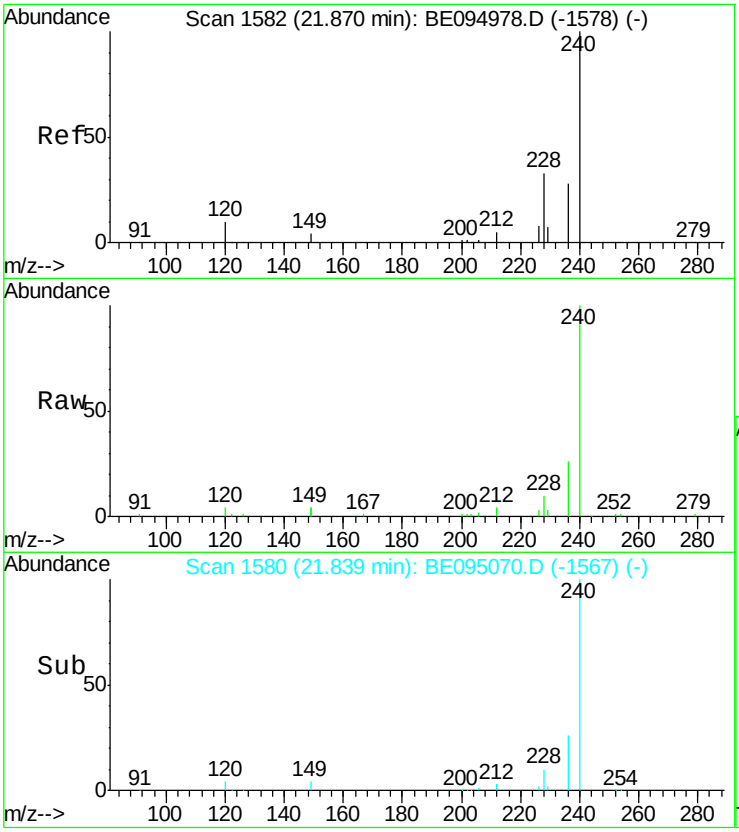


#26
Fluoranthene
Concen: 0.365 ng
RT: 19.75 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:202 Resp: 31937

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.0	13.7	20.5

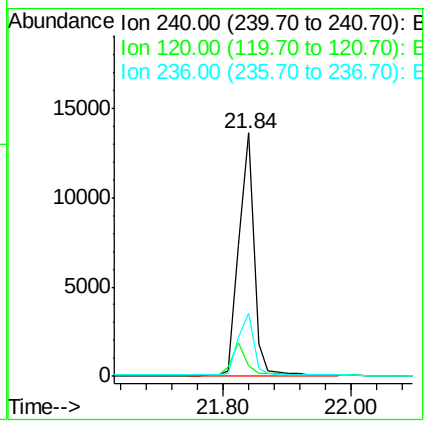


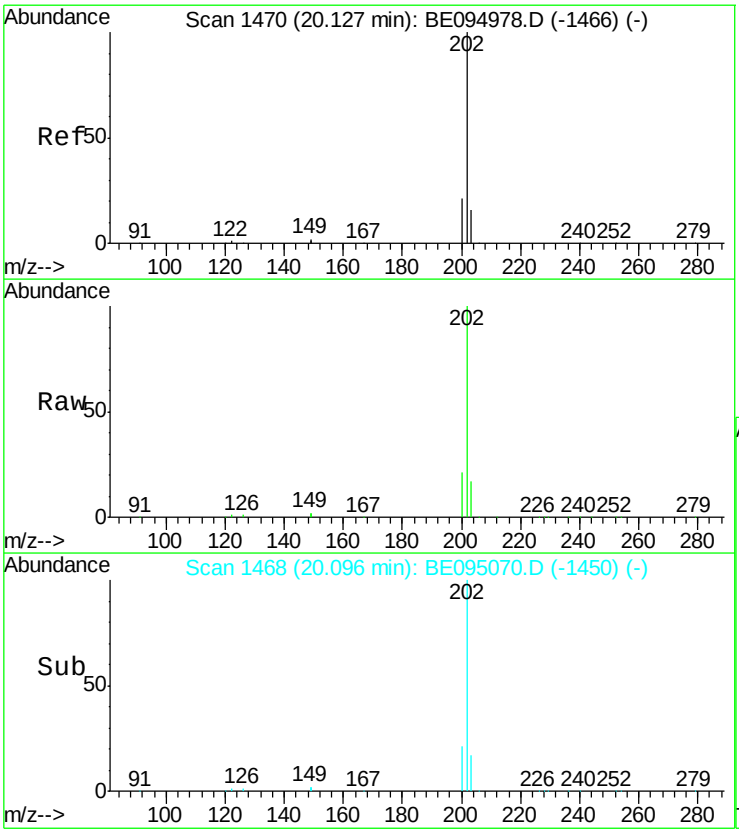


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:240 Resp: 22186

Ion	Ratio	Lower	Upper
240	100		
120	4.3	5.5	8.3#
236	26.1	20.7	31.1

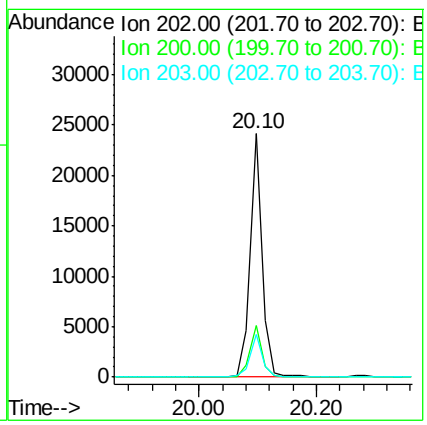


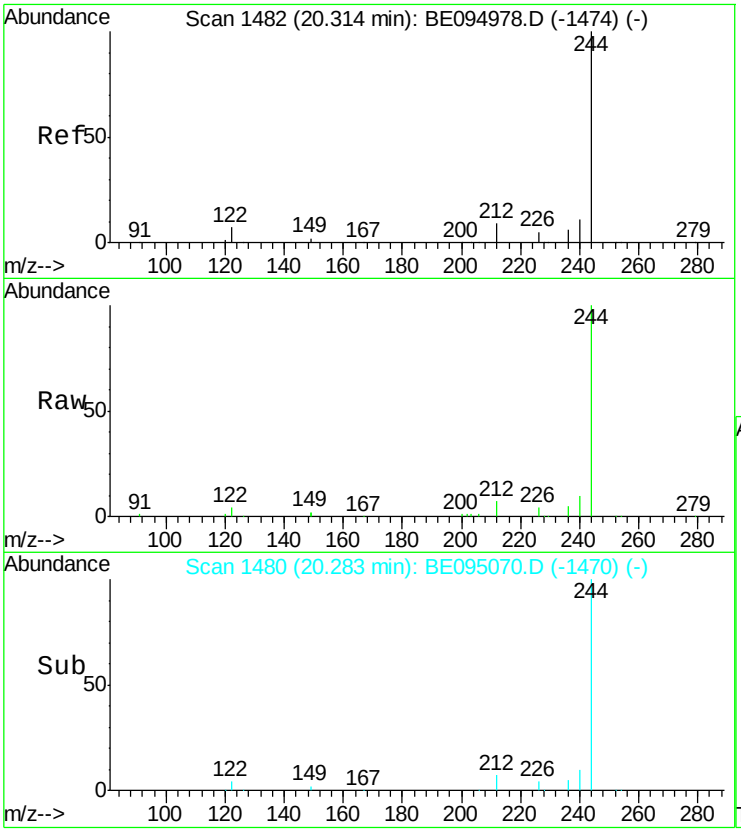


#28
Pyrene
Concen: 0.472 ng
RT: 20.10 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:202 Resp: 35493

Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.6	25.0
203	17.7	13.8	20.8

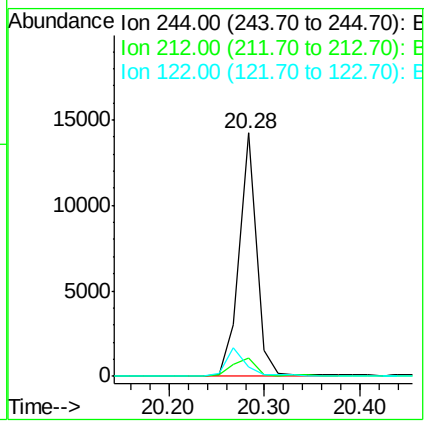


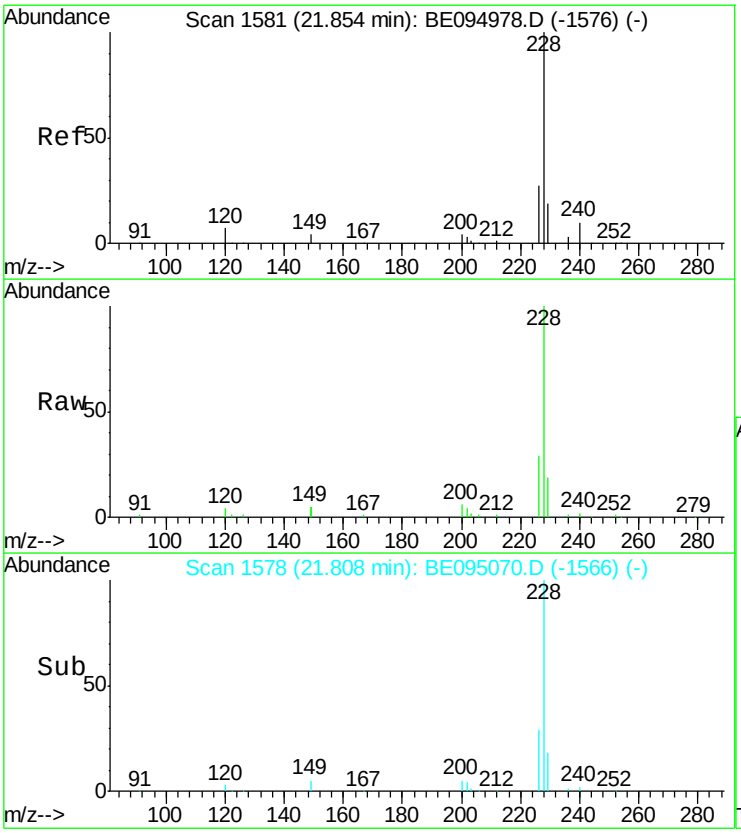


#29
Terphenyl-d14
Concen: 0.424 ng
RT: 20.28 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:244 Resp: 17699

Ion	Ratio	Lower	Upper
244	100		
212	7.4	25.4	38.0#
122	4.1	8.1	12.1#

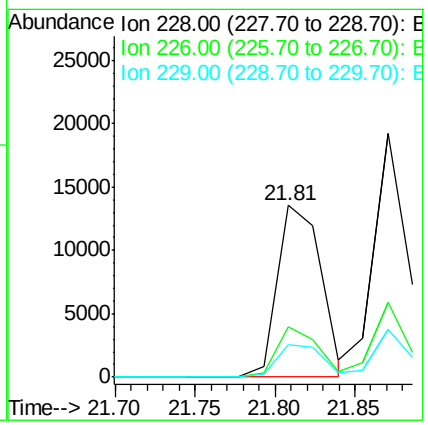


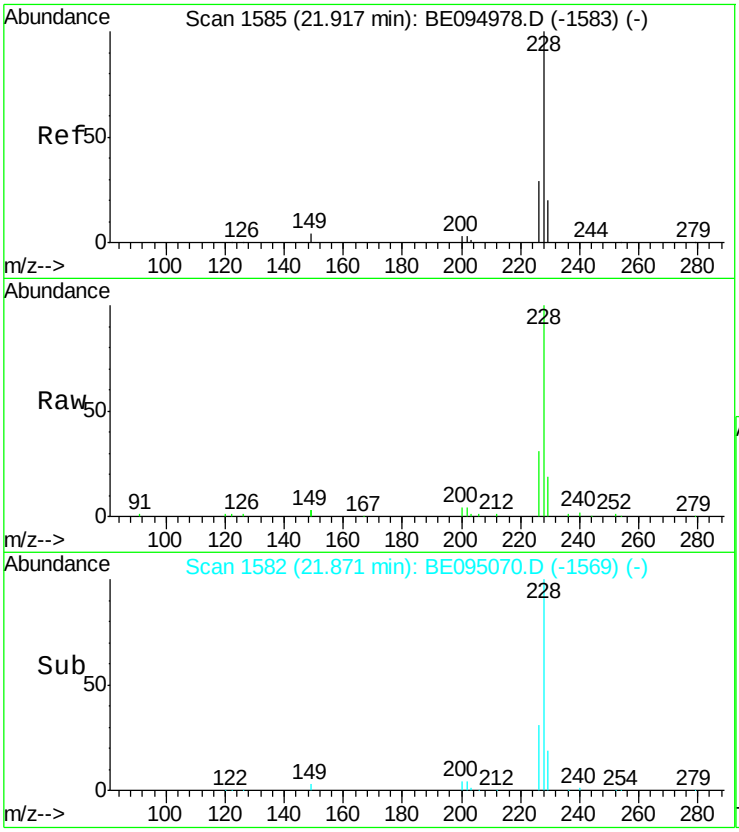


#30
Benzo(a)anthracene
Concen: 0.396 ng
RT: 21.81 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:228 Resp: 25693

Ion	Ratio	Lower	Upper
228	100		
226	29.0	40.0	60.0#
229	18.8	40.0	60.0#

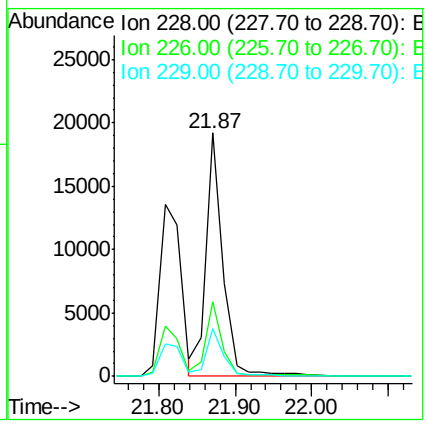


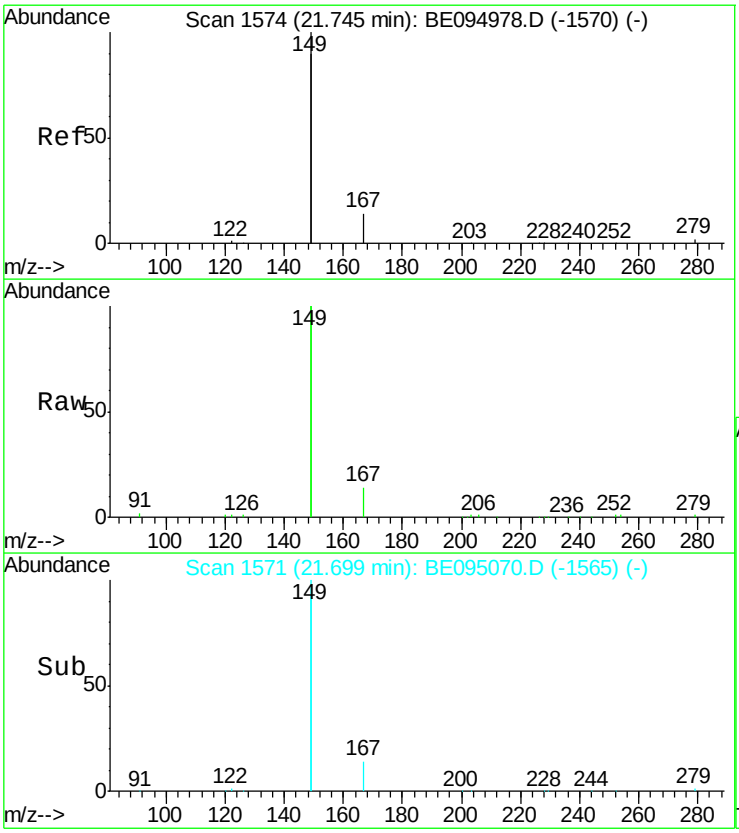


#31
Chrysene
Concen: 0.426 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:228 Resp: 31075

Ion	Ratio	Lower	Upper
228	100		
226	30.9	40.0	60.0#
229	19.4	40.0	60.0#

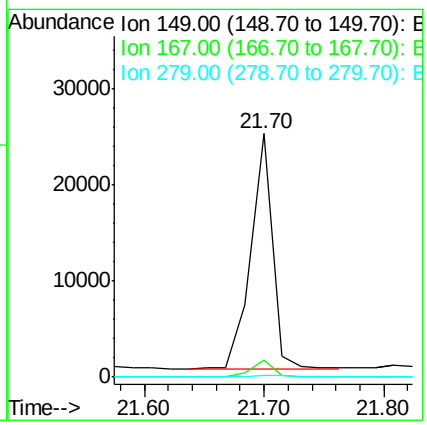


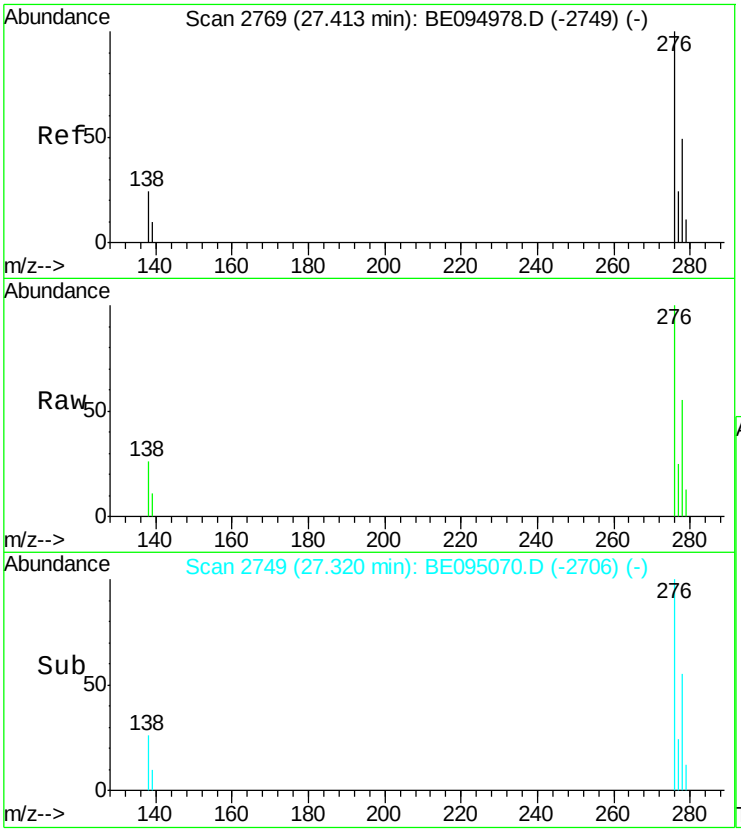


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.373 ng
RT: 21.70 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:149 Resp: 30776

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1

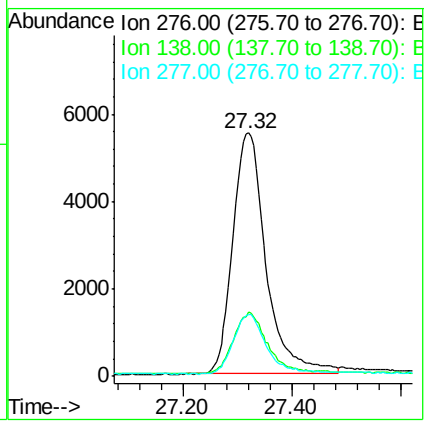


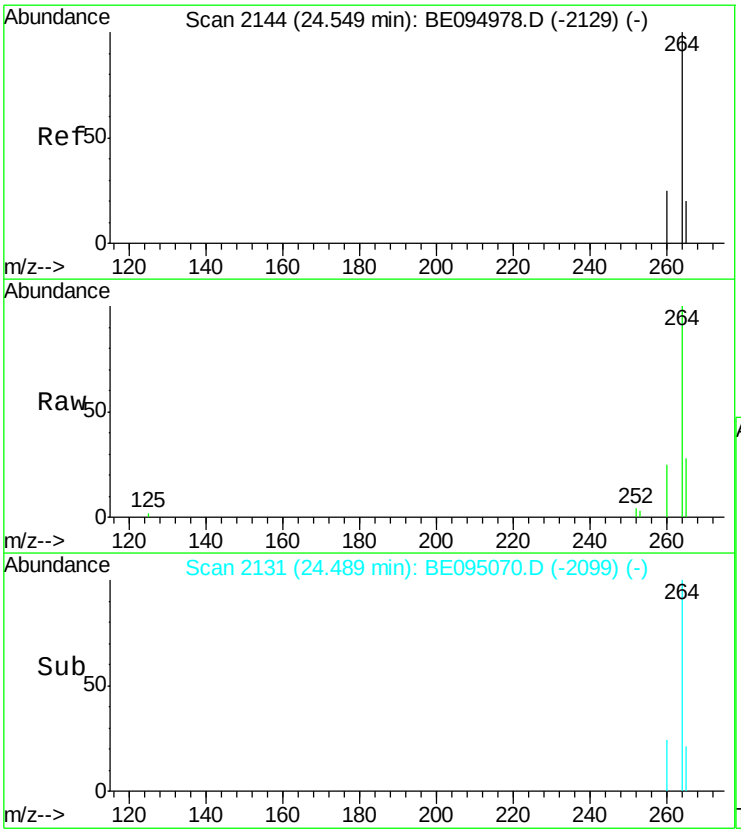


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 27.32 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:276 Resp: 23333

Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.5	33.7
277	24.2	19.9	29.9

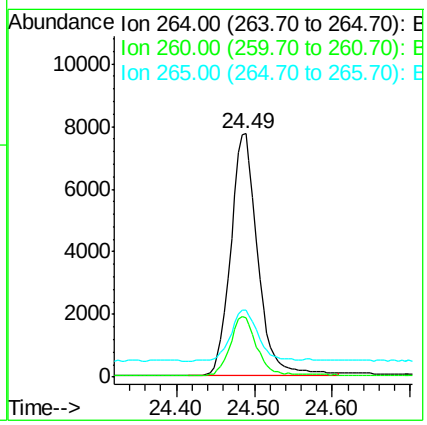


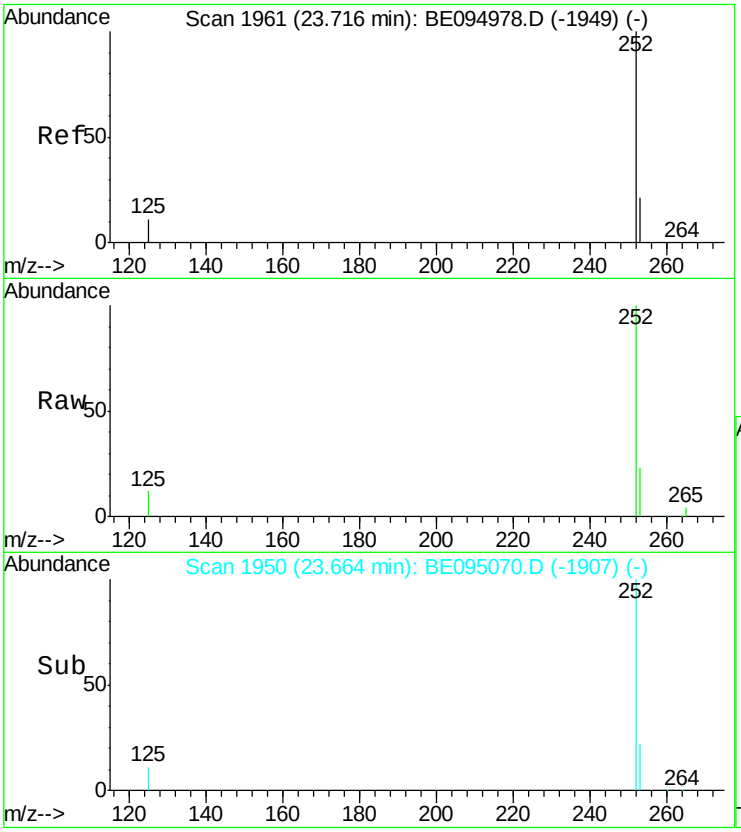


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:264 Resp: 18574

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.5	30.7
265	27.6	22.8	34.2

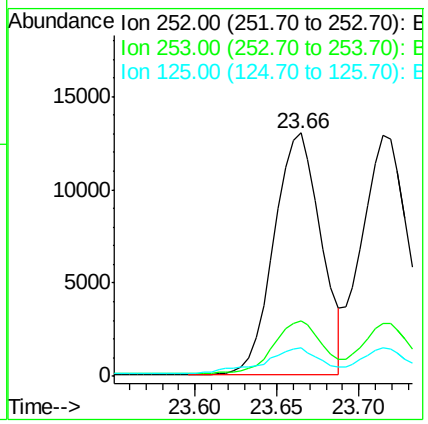


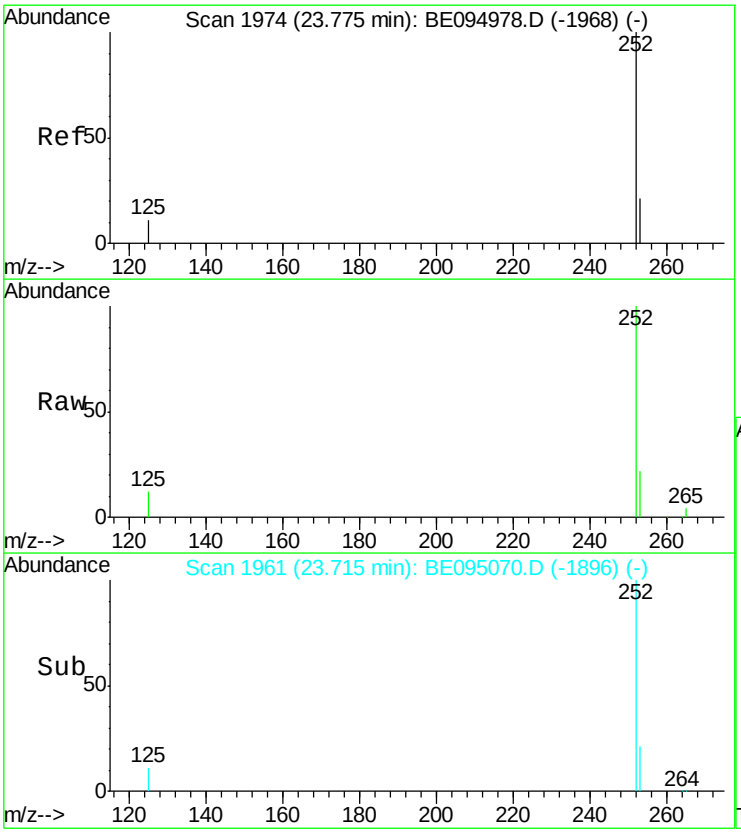


#35
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 23.66 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:252 Resp: 25860

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.0	30.0
125	11.7	16.0	24.0#

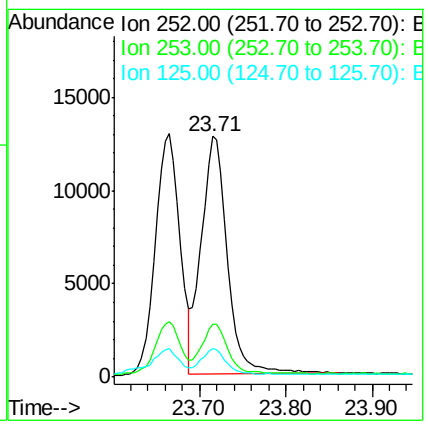


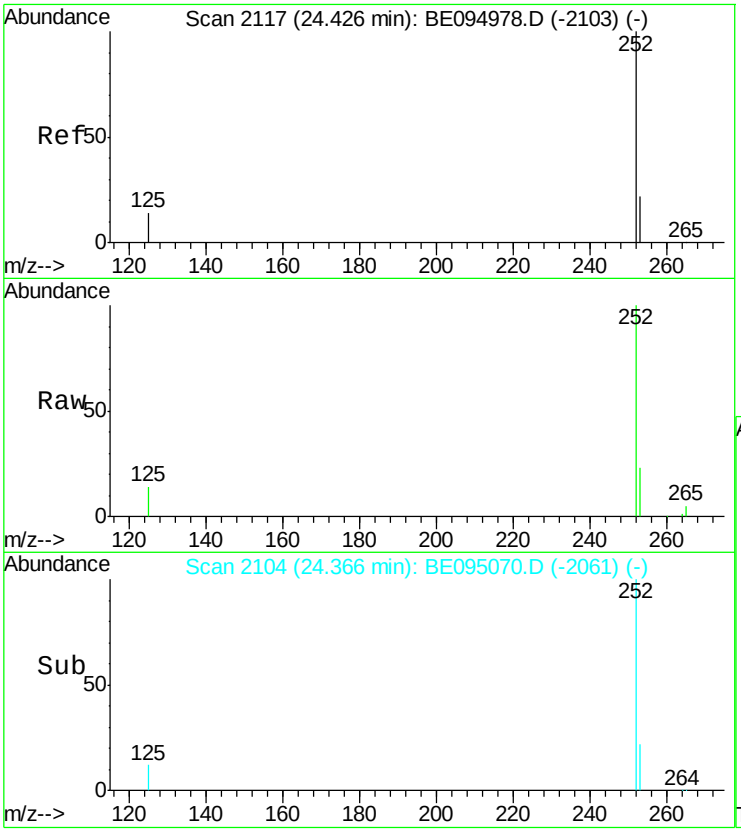


#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.71 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:252 Resp: 26770

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.0	24.0
125	11.8	8.0	12.0

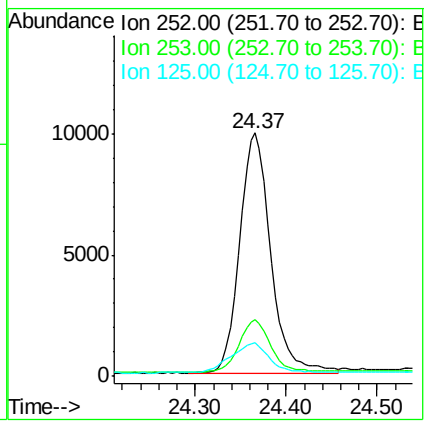


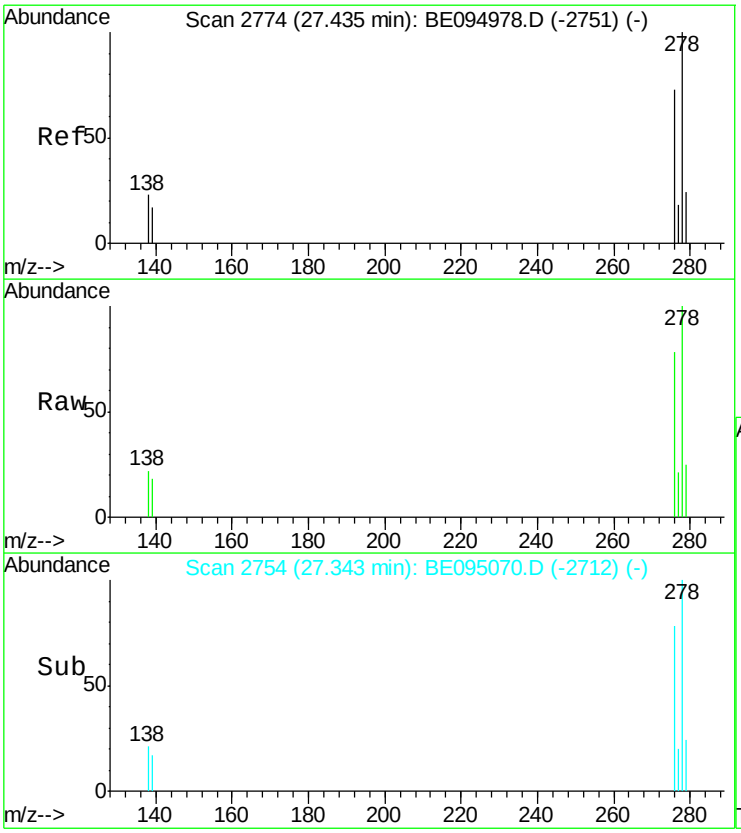


#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 24.37 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:252 Resp: 23450

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	13.6	12.0	18.0

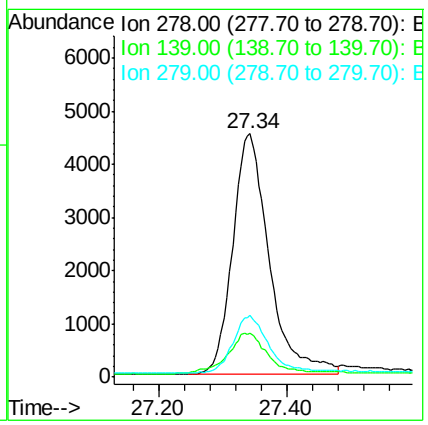


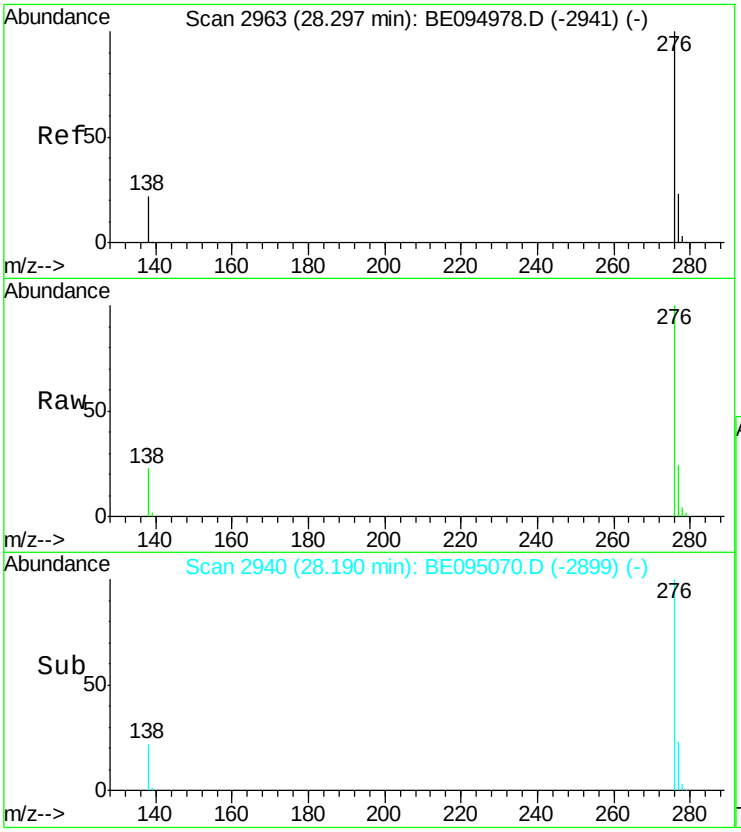


#38
Dibenzo(a,h)anthracene
Concen: 0.319 ng
RT: 27.34 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:278 Resp: 17890

Ion	Ratio	Lower	Upper
278	100		
139	18.0	16.0	24.0
279	25.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 28.19 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BE095070.D
Acq: 10 Jan 2018 14:07

Tgt Ion:276 Resp: 20434

Ion	Ratio	Lower	Upper
276	100		
277	24.3	16.0	24.0#
138	23.0	20.0	30.0