Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE011018\
Data File : BE095069.D
Acq On : 10 Jan 2018 12:47
Operator : SJ/JU
Sample : J1041-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 10 13:58:20 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

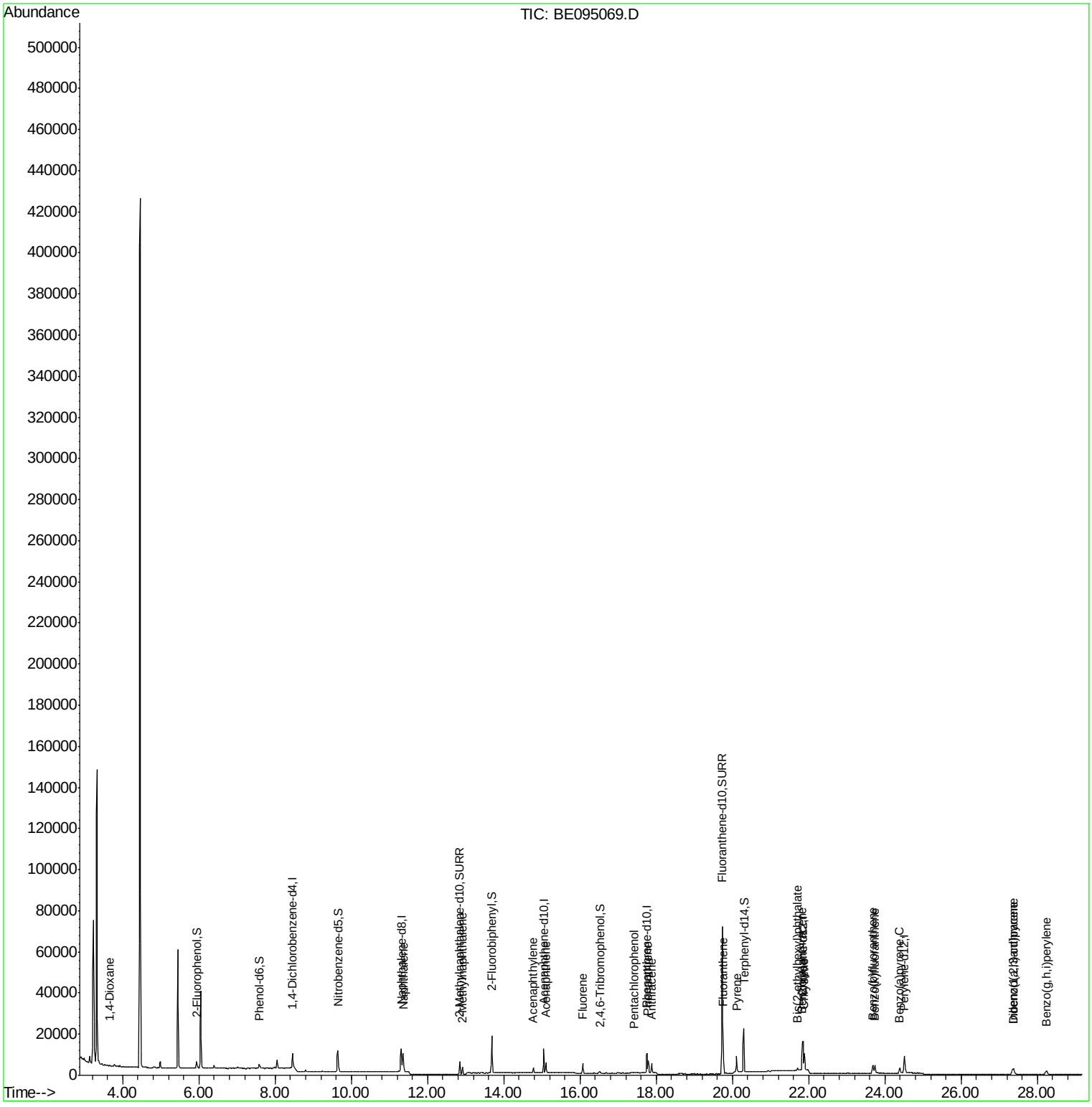
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5925	0.40	ng		0.00
7) Naphthalene-d8	11.31	136	13105	0.40	ng		-0.02
13) Acenaphthene-d10	15.05	164	6706	0.40	ng		-0.01
19) Phenanthrene-d10	17.76	188	16624	0.40	ng		-0.01
27) Chrysene-d12	21.85	240	19163	0.40	ng		-0.02
34) Perylene-d12	24.51	264	14313	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	1830	0.20	ng		0.00
5) Phenol-d6	7.59	99	1698	0.12	ng		0.00
8) Nitrobenzene-d5	9.65	82	4607	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.85	152	8767	0.41	ng		-0.02
14) 2,4,6-Tribromophenol	16.52	330	593	0.38	ng		-0.01
15) 2-Fluorobiphenyl	13.68	172	17380	0.58	ng		-0.01
25) Fluoranthene-d10	19.73	212	93362	0.43	ng		-0.02
29) Terphenyl-d14	20.30	244	23749	0.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	214	0.037	ng	#	49
9) Naphthalene	11.36	128	17587	0.114	ng		99
12) 2-Methylnaphthalene	12.92	142	3986	0.104	ng		96
16) Acenaphthylene	14.76	152	3709	0.103	ng		98
17) Acenaphthene	15.11	154	2703	0.114	ng		97
18) Fluorene	16.07	166	3453	0.117	ng	#	78
22) Pentachlorophenol	17.42	266	67	0.106	ng		89
23) Phenanthrene	17.79	178	6655	0.128	ng		98
24) Anthracene	17.88	178	6491	0.122	ng	#	77
26) Fluoranthene	19.76	202	8025	0.126	ng		98
28) Pyrene	20.11	202	8133	0.125	ng		99
30) Benzo(a)anthracene	21.82	228	6448	0.115	ng	#	64
31) Chrysene	21.89	228	8636	0.137	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.71	149	1826	0.026	ng	#	99
33) Indeno(1,2,3-cd)pyrene	27.36	276	5288	0.103	ng		95
35) Benzo(b)fluoranthene	23.68	252	6197	0.118	ng	#	94
36) Benzo(k)fluoranthene	23.74	252	5937	0.111	ng	#	88
37) Benzo(a)pyrene	24.39	252	4920	0.106	ng	#	84
38) Dibenzo(a,h)anthracene	27.38	278	4000	0.092	ng		94
39) Benzo(g,h,i)perylene	28.24	276	4980	0.116	ng	#	94

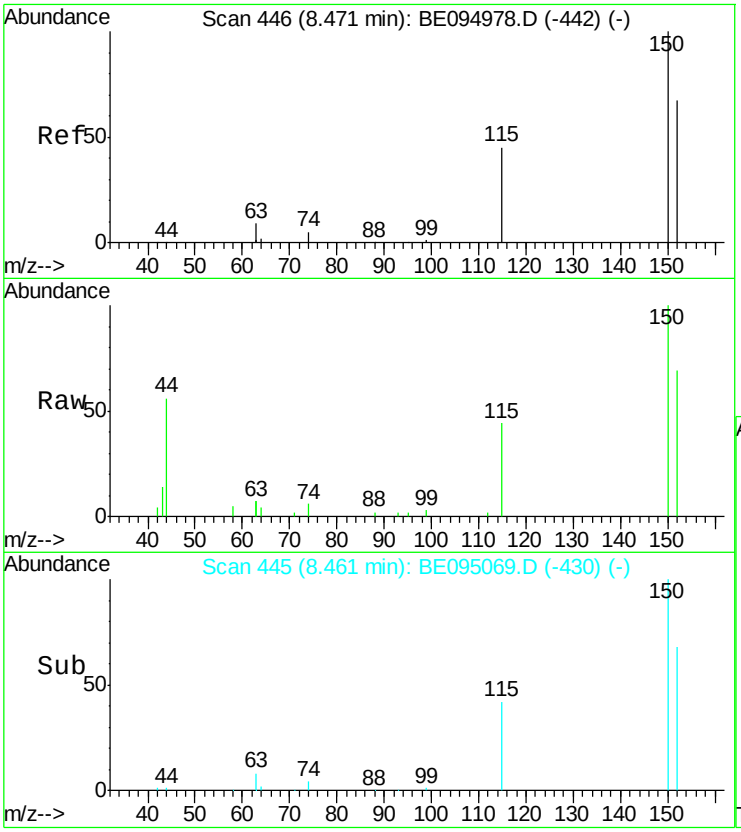
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE011018\
Data File : BE095069.D
Acq On : 10 Jan 2018 12:47
Operator : SJ/JU
Sample : J1041-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 10 13:58:20 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

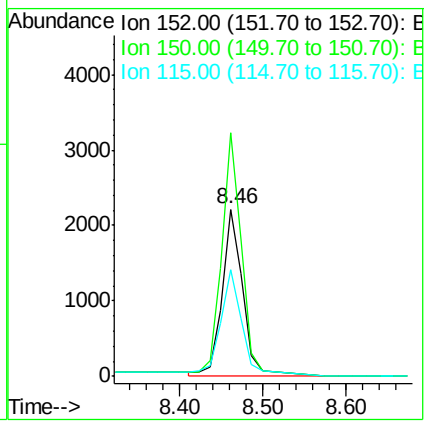


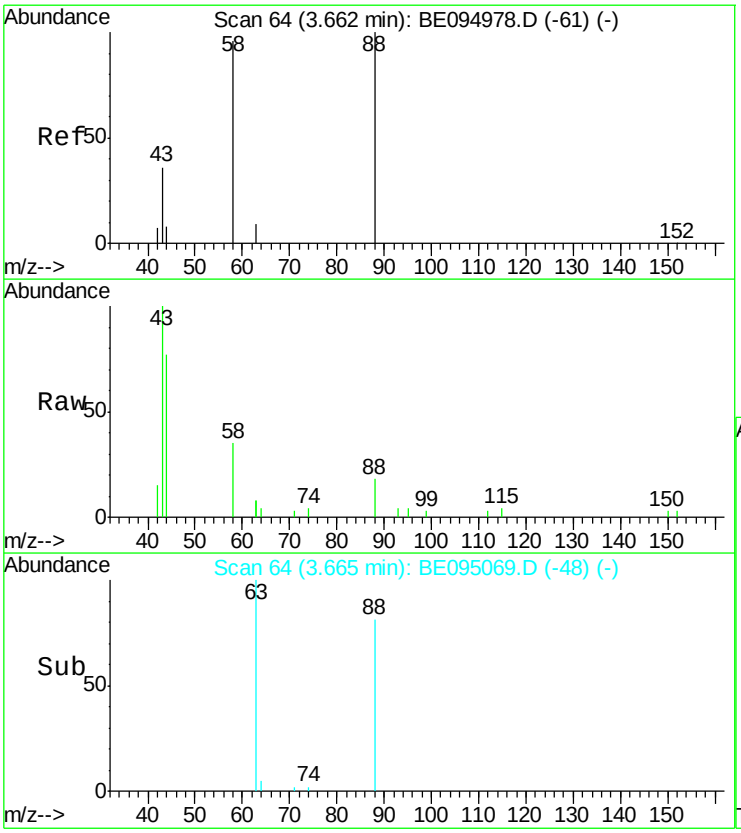


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:152 Resp: 5925

Ion	Ratio	Lower	Upper
152	100		
150	145.9	117.2	175.8
115	63.8	57.0	85.6

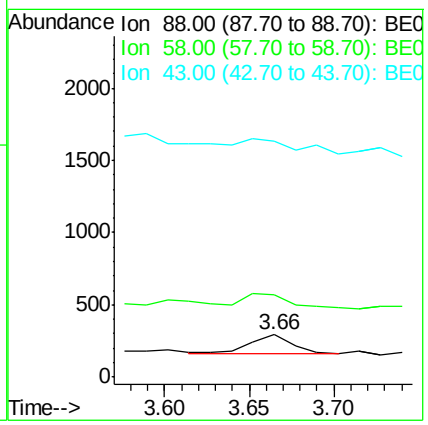


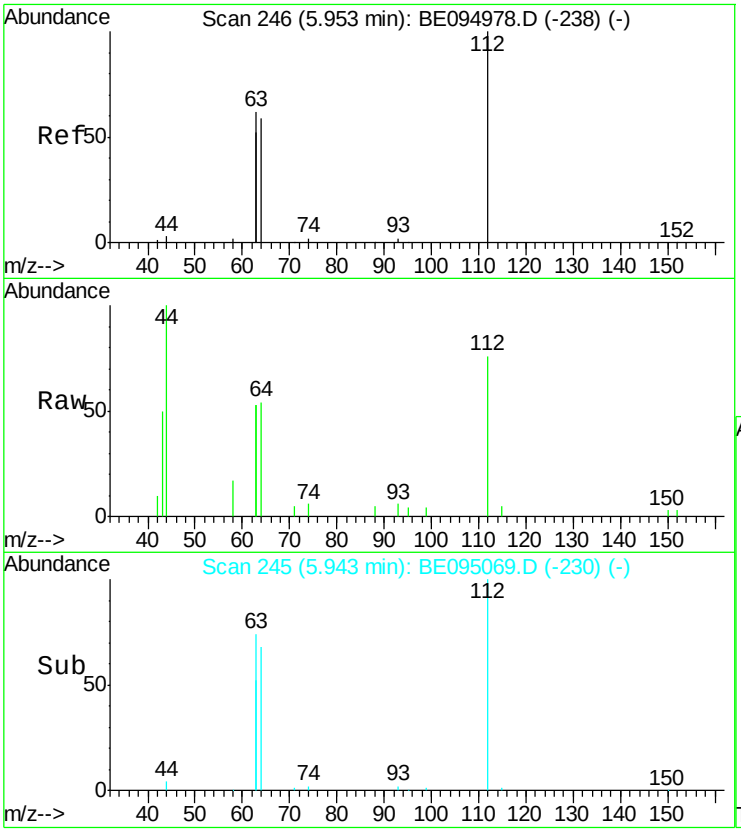


#2
1,4-Dioxane
Concen: 0.037 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion: 88 Resp: 214

Ion	Ratio	Lower	Upper
88	100		
58	110.3	63.2	94.8#
43	0.0	41.2	61.8#

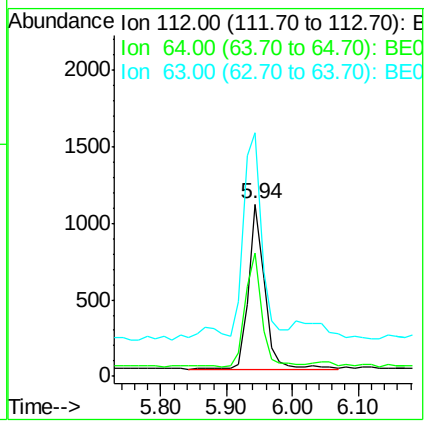


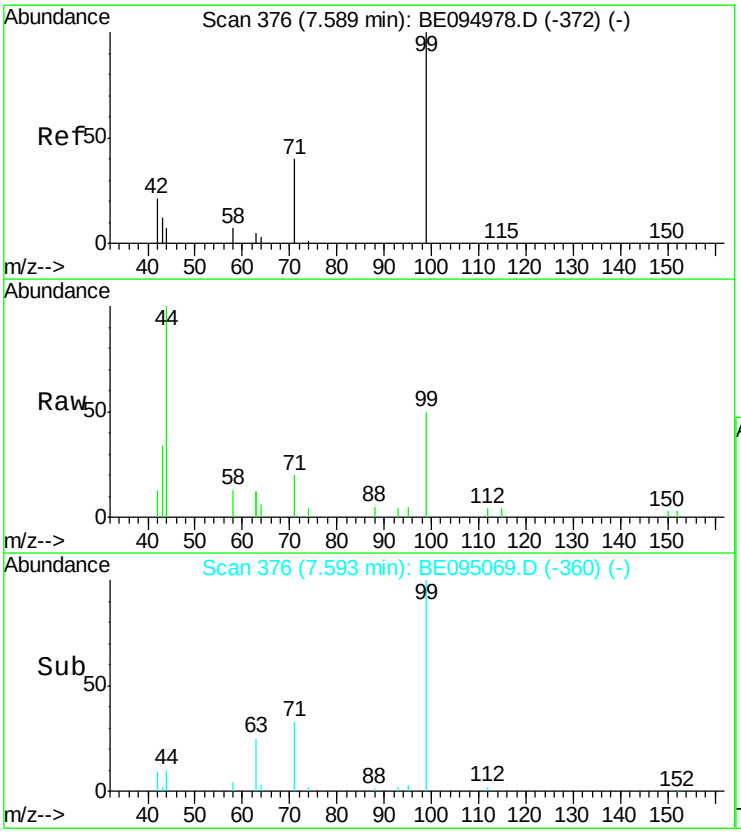


#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:112 Resp: 1830

Ion	Ratio	Lower	Upper
112	100		
64	70.1	60.1	90.1
63	140.2	116.8	175.2

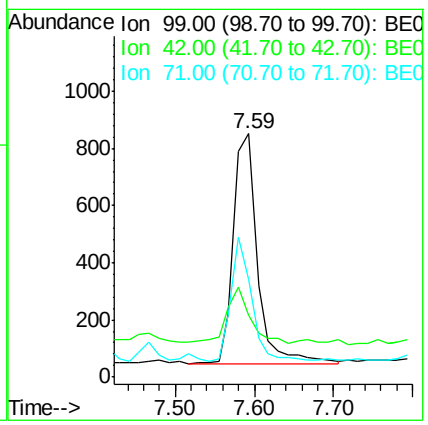


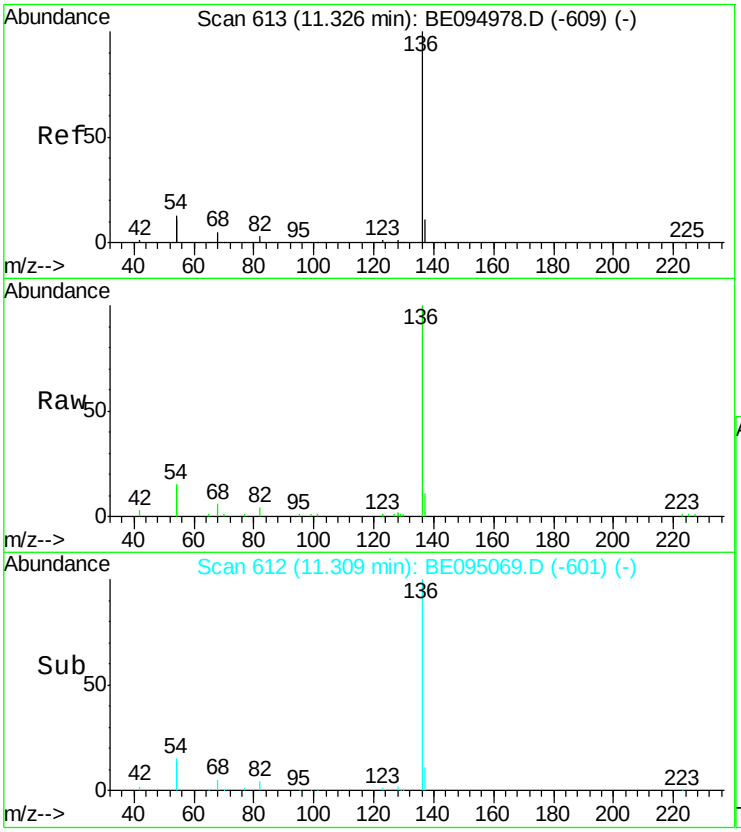


#5
Phenol-d6
Concen: 0.124 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion: 99 Resp: 1698

Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.2	30.2
71	45.4	28.4	42.6#

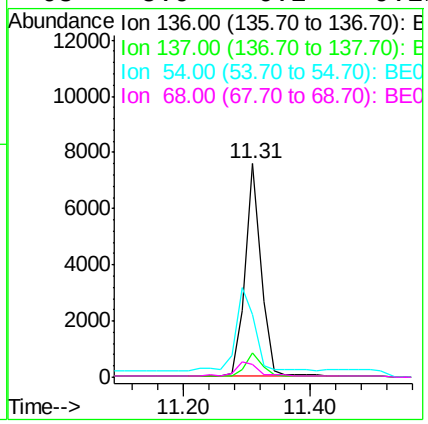


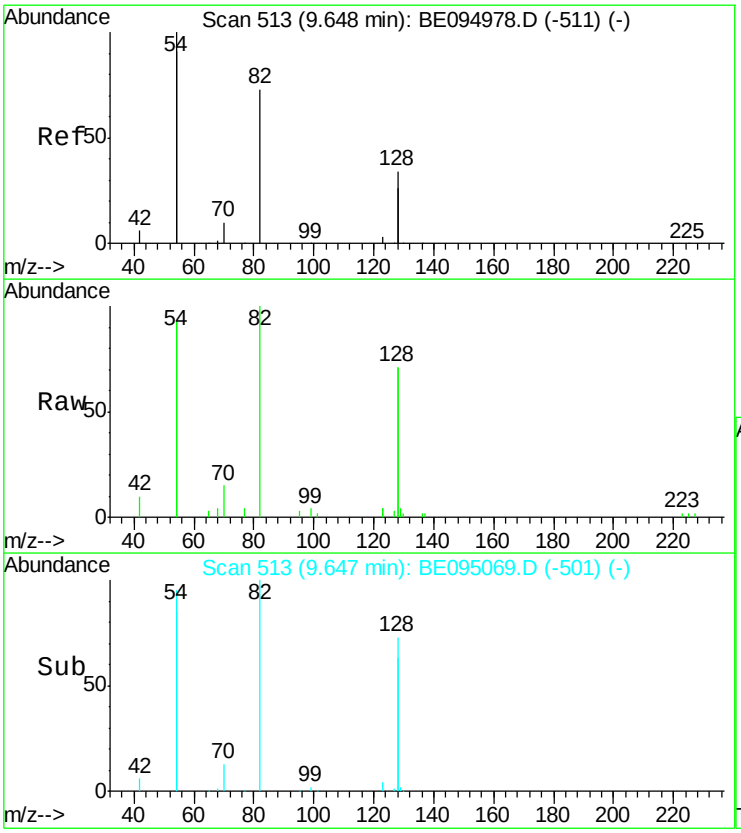


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:136 Resp: 13105

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	29.1	29.1	43.7
68	5.9	6.2	9.2#

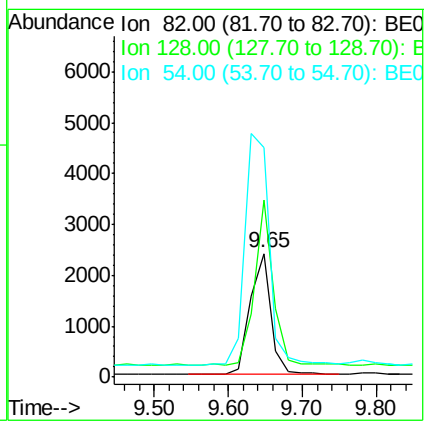


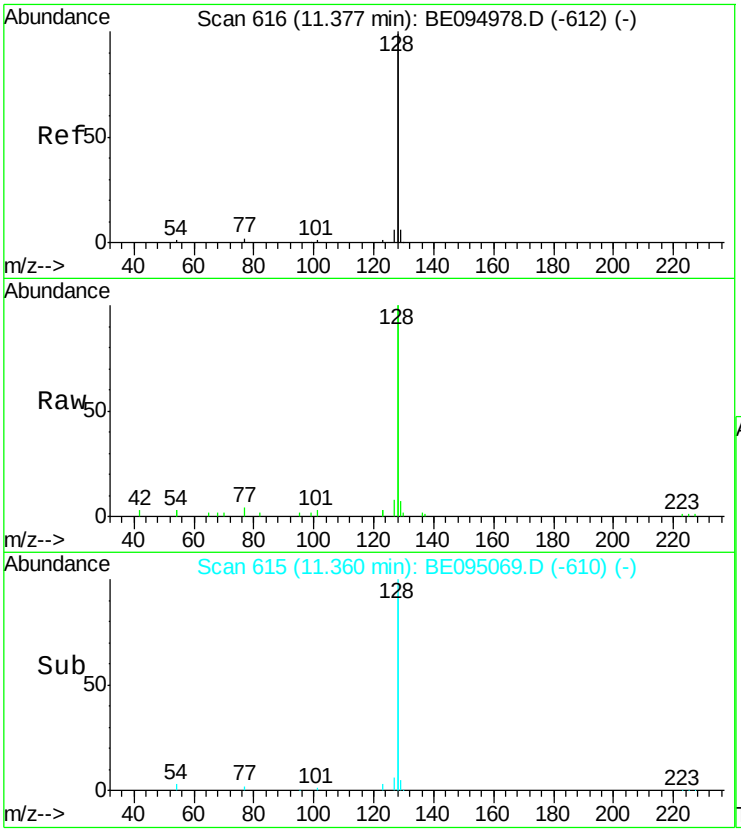


#8
Nitrobenzene-d5
Concen: 0.428 ng
RT: 9.65 min Scan# 513
Delta R.T. -0.00 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion: 82 Resp: 4607

Ion	Ratio	Lower	Upper
82	100		
128	142.8	150.0	225.0#
54	185.8	154.2	231.4

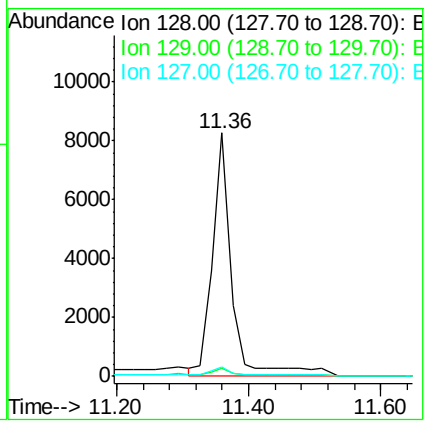


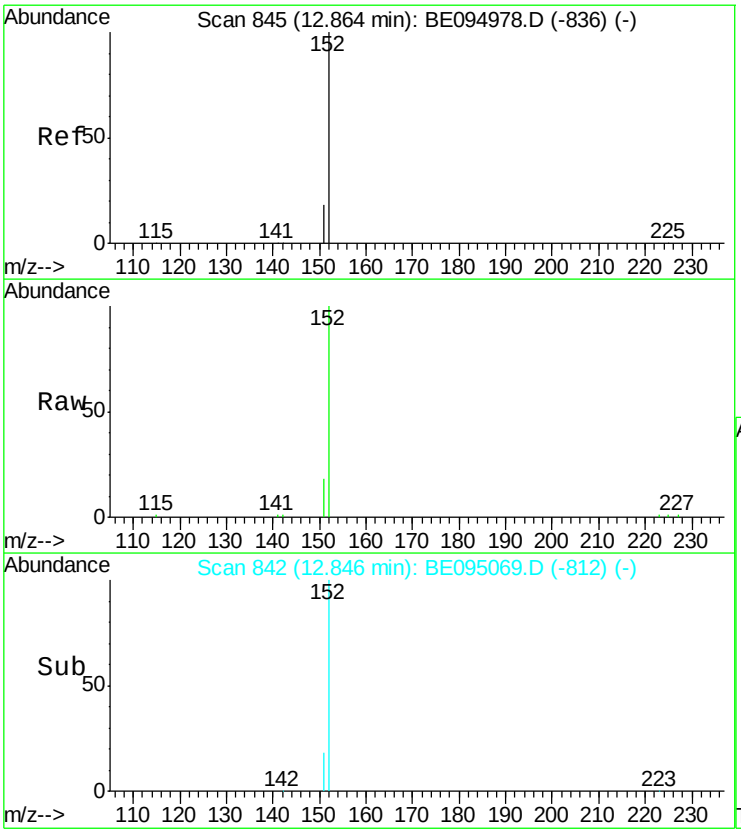


#9
Naphthalene
Concen: 0.114 ng
RT: 11.36 min Scan# 615
Delta R.T. -0.02 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:128 Resp: 17587

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	3.8
127	3.8	2.8	4.2

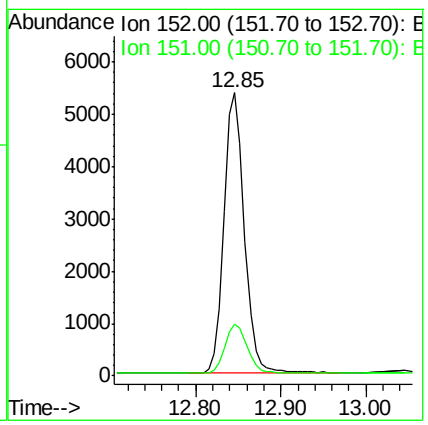


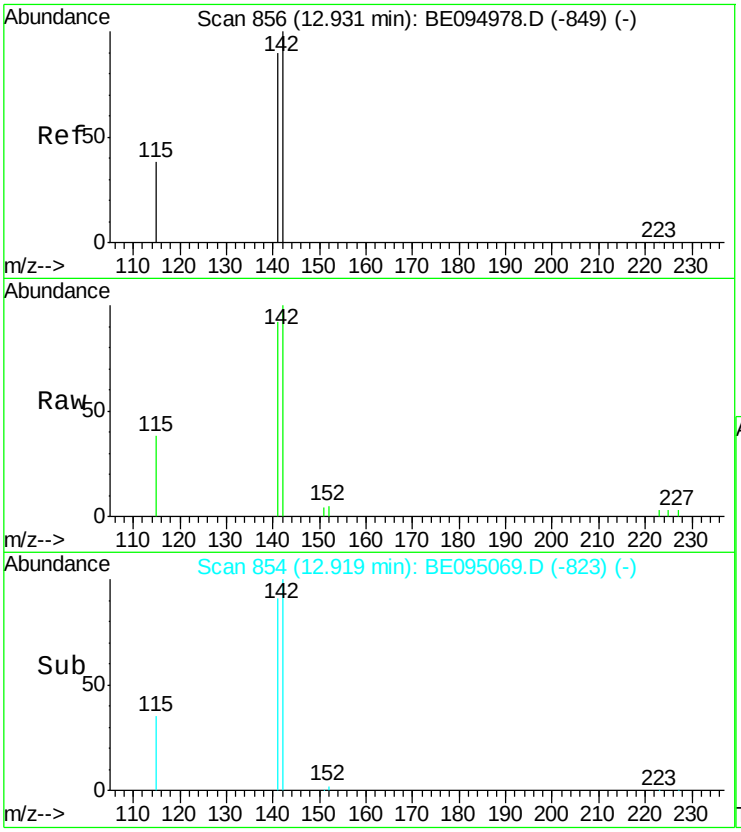


#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 12.85 min Scan# 842
Delta R.T. -0.02 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:152 Resp: 8767

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

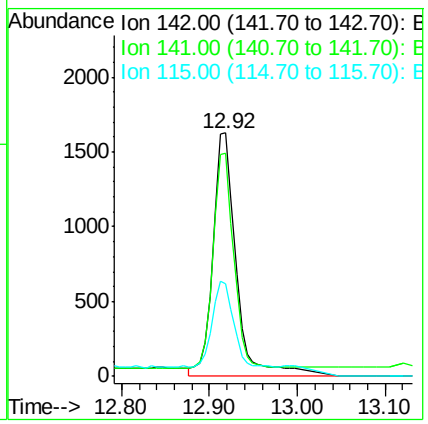


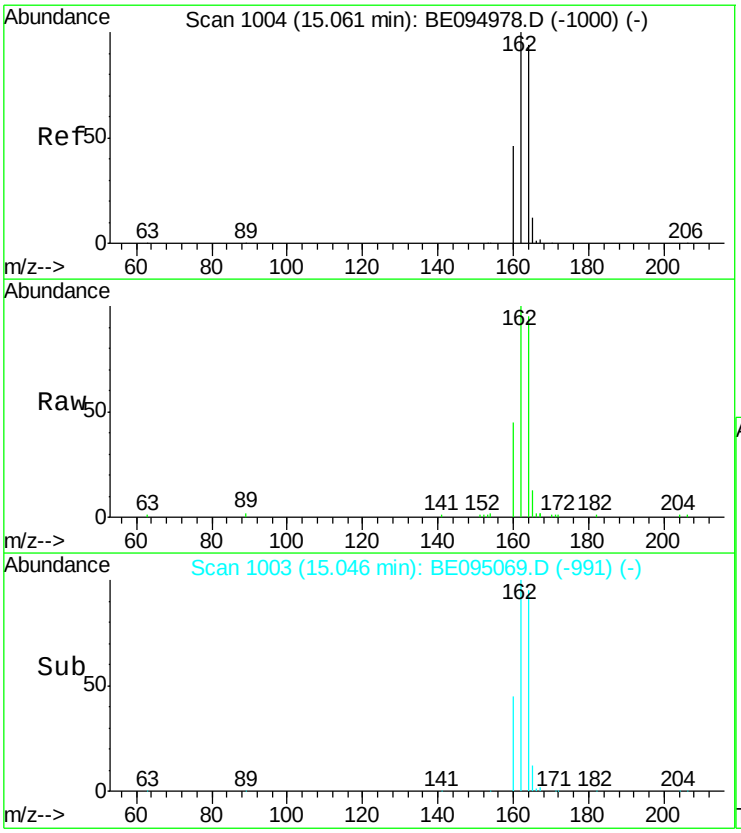


#12
2-Methylnaphthalene
Concen: 0.104 ng
RT: 12.92 min Scan# 854
Delta R.T. -0.01 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:142 Resp: 3986

Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.4	105.6
115	37.8	31.7	47.5

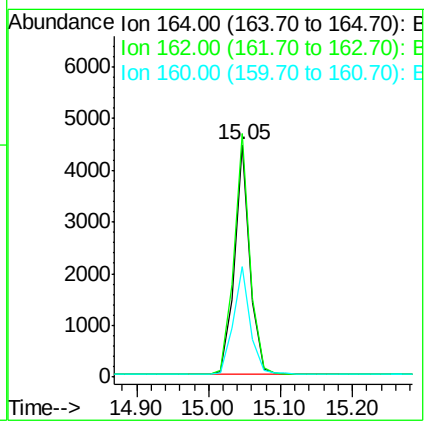


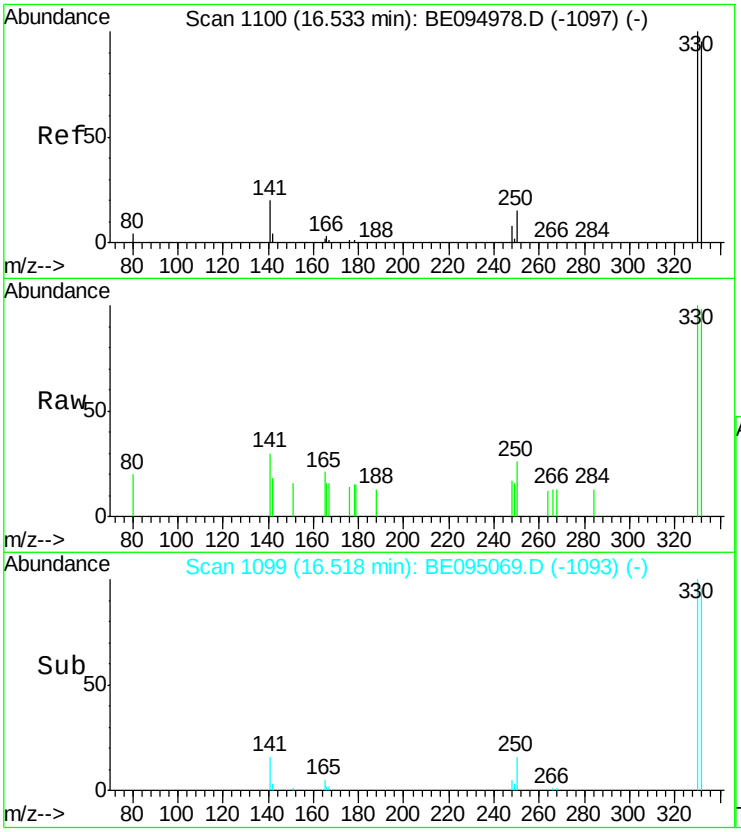


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.05 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:164 Resp: 6706

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.1	124.7
160	47.5	37.1	55.7

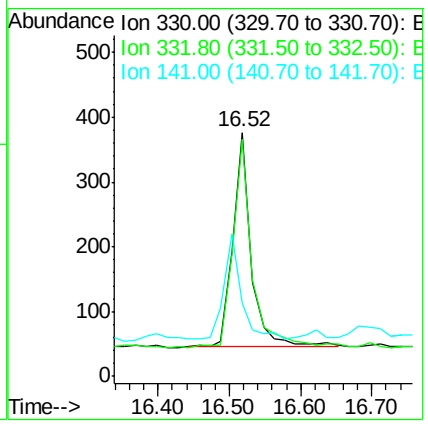


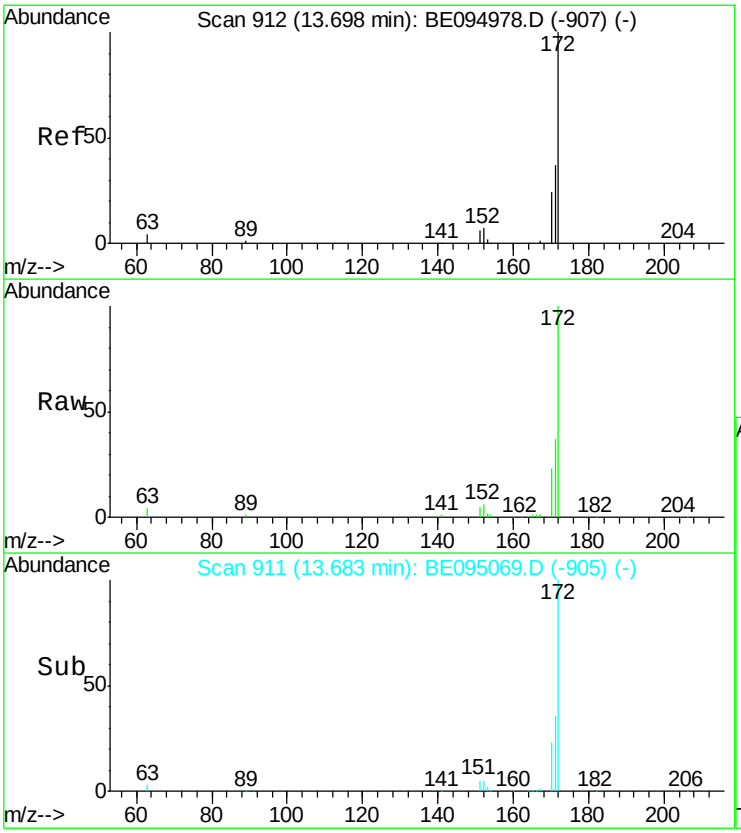


#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 16.52 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:330 Resp: 593

Ion	Ratio	Lower	Upper
330	100		
332	101.9	152.7	229.1#
141	44.2	33.7	50.5

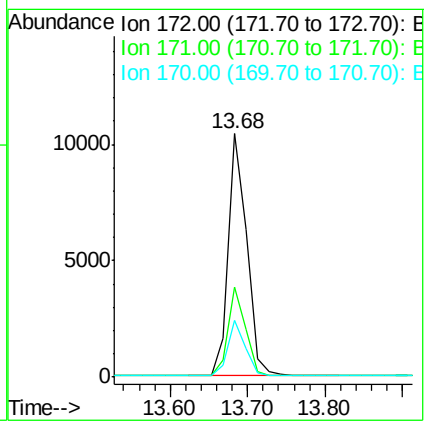


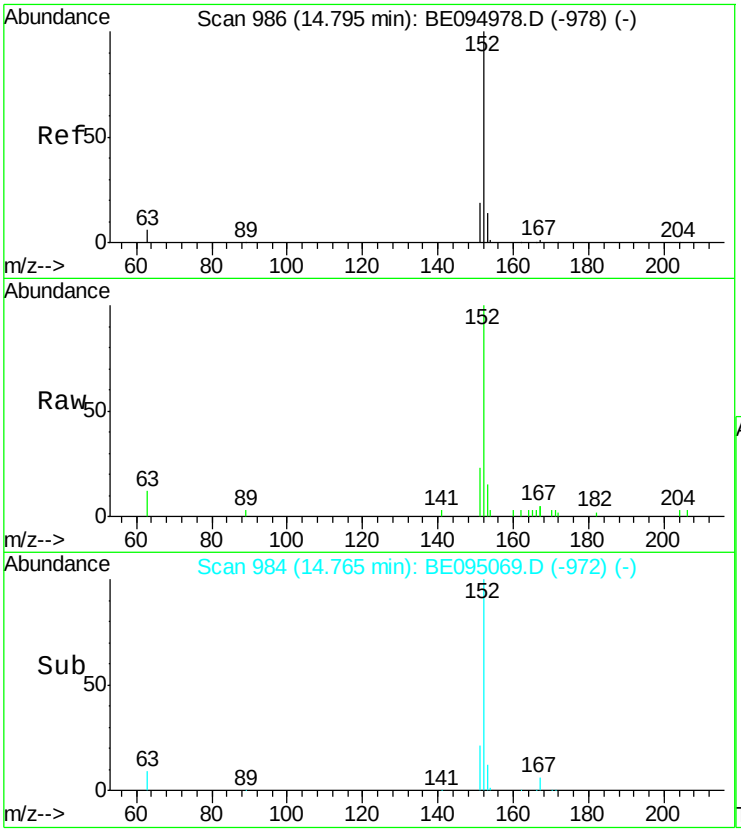


#15
2-Fluorobiphenyl
Concen: 0.585 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:172 Resp: 17380

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	23.0	21.8	32.8

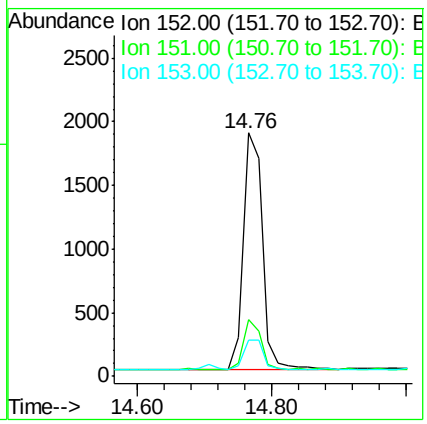


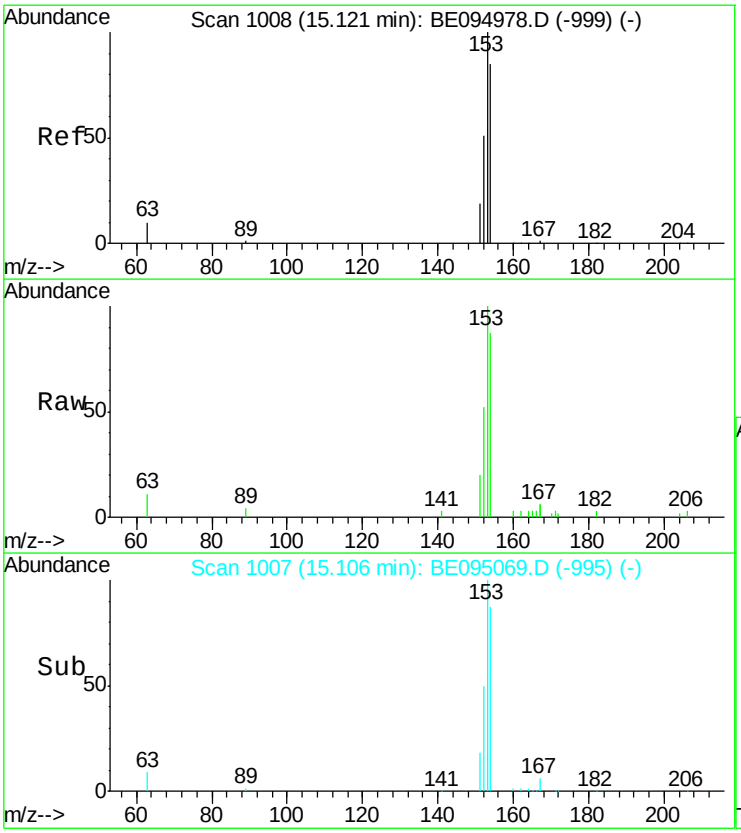


#16
Acenaphthylene
Concen: 0.103 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.03 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:152 Resp: 3709

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.7	23.5
153	13.3	10.5	15.7

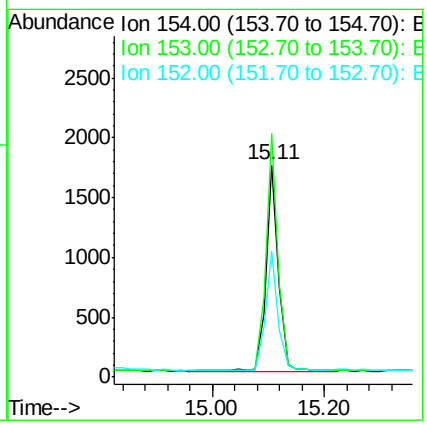


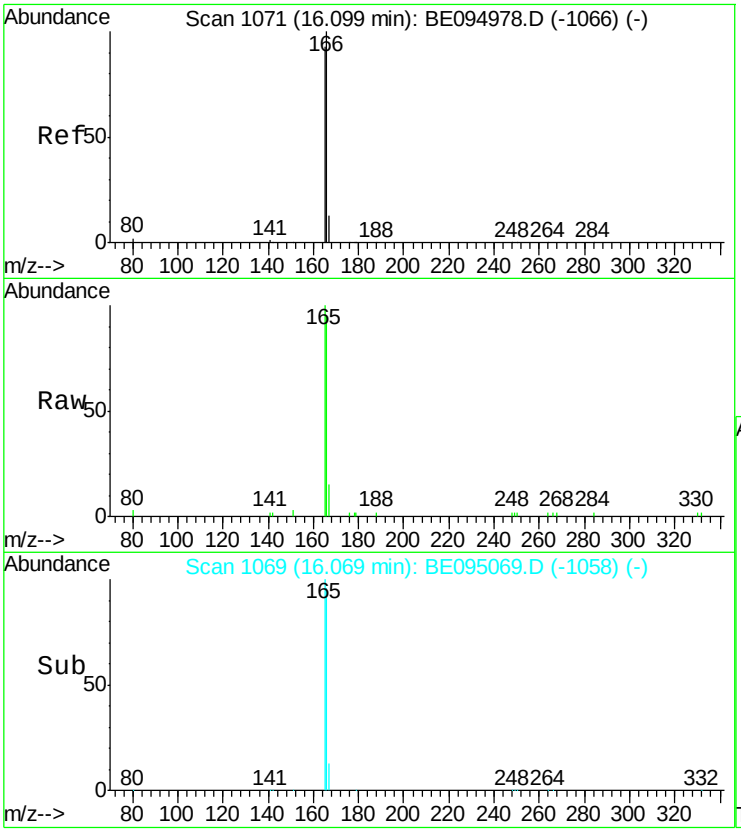


#17
Acenaphthene
Concen: 0.114 ng
RT: 15.11 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:154 Resp: 2703

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.2	133.8
152	58.1	42.0	63.0

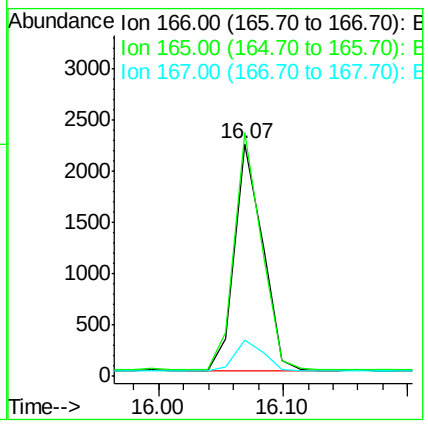


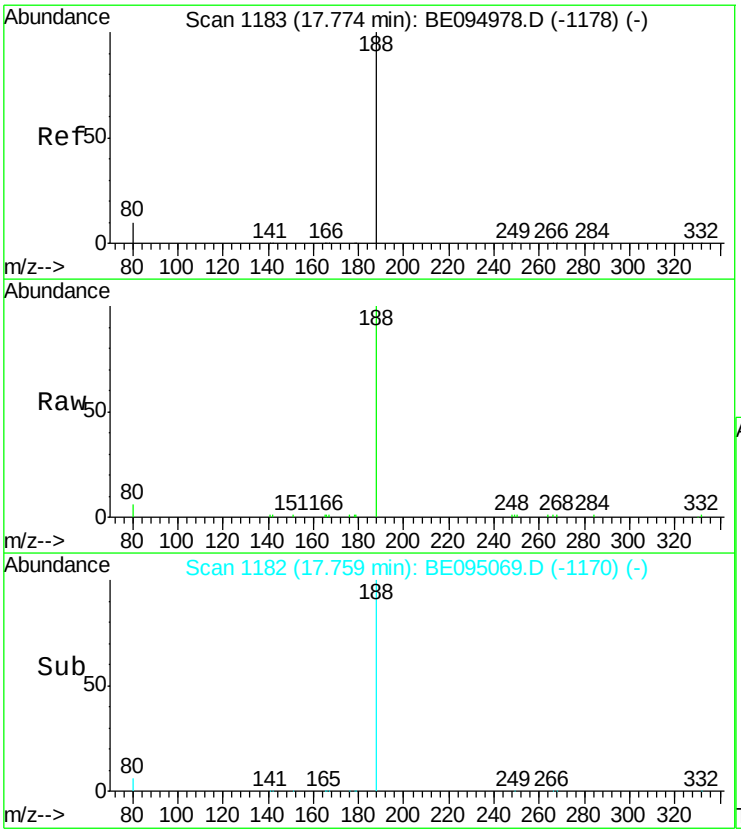


#18
Fluorene
Concen: 0.117 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:166 Resp: 3453

Ion	Ratio	Lower	Upper
166	100		
165	100.8	77.8	116.6
167	14.2	42.4	63.6#

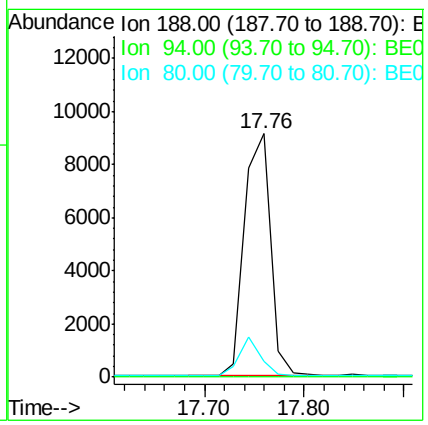


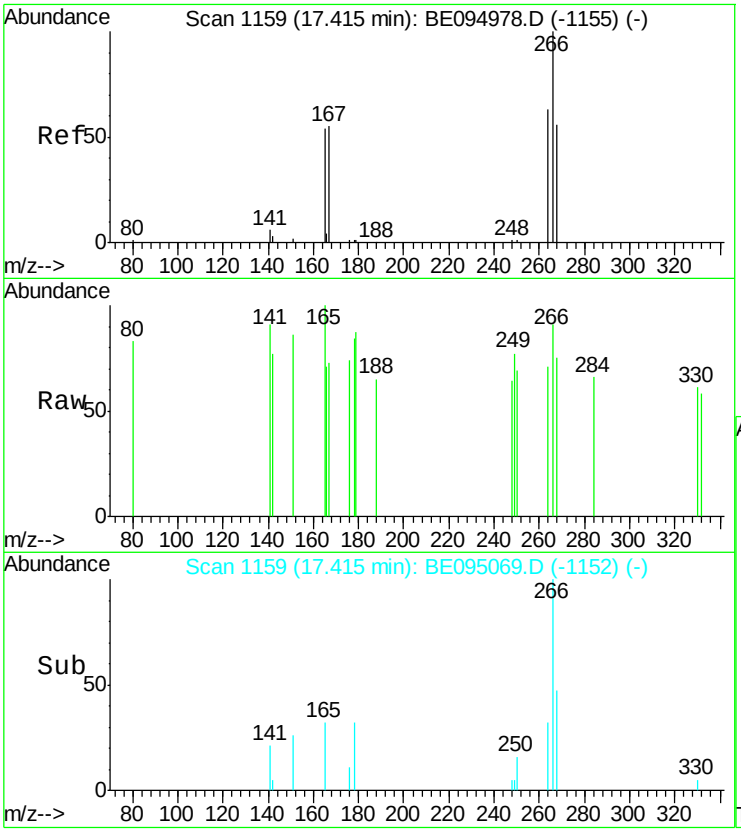


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.76 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:188 Resp: 16624

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	6.4	3.6	5.4#

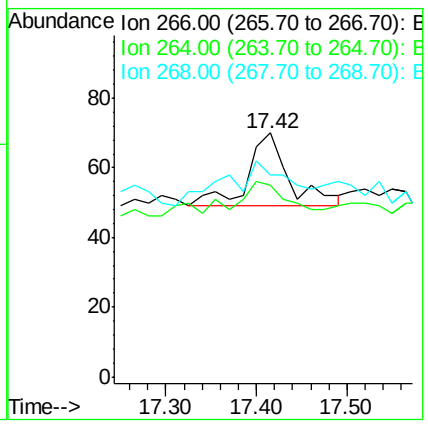


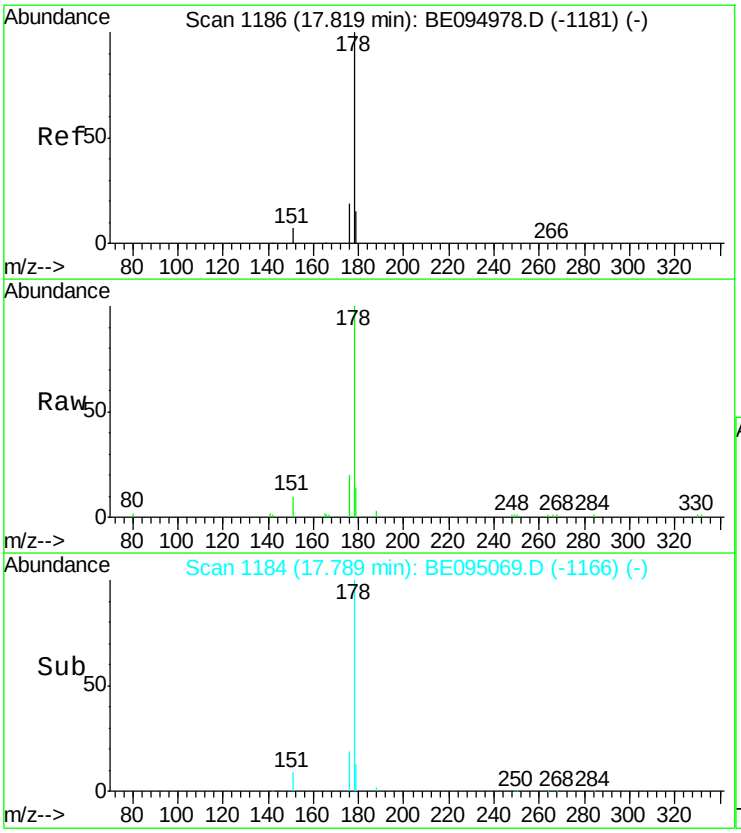


#22
Pentachlorophenol
Concen: 0.106 ng
RT: 17.42 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:266 Resp: 67

Ion	Ratio	Lower	Upper
266	100		
264	78.6	72.5	108.7
268	82.9	73.8	110.6

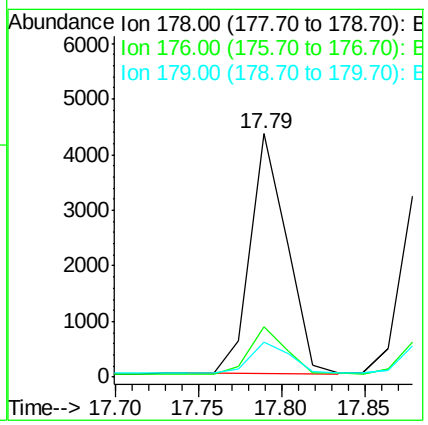


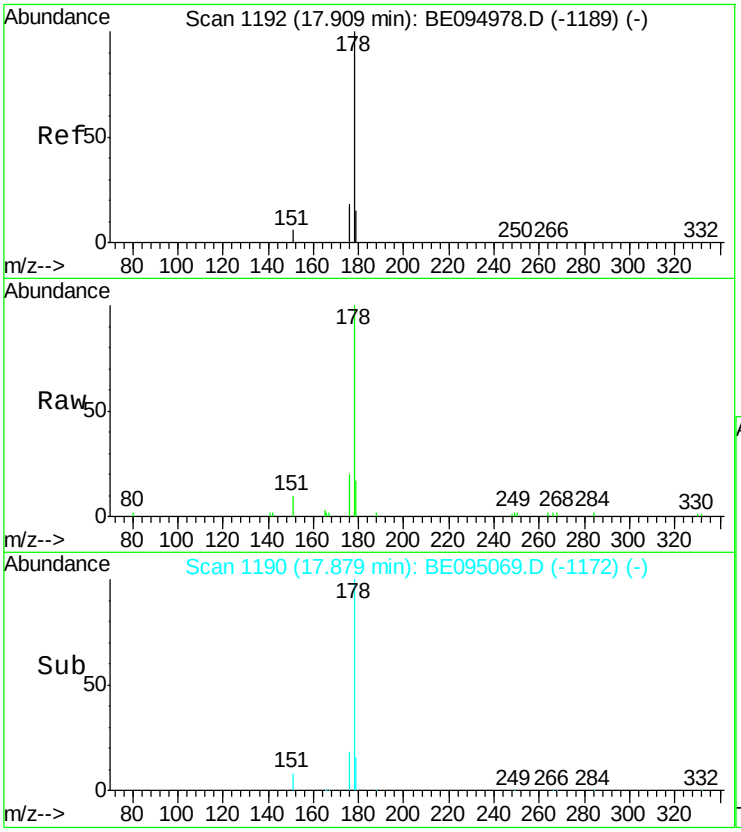


#23
Phenanthrene
Concen: 0.128 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:178 Resp: 6655

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	15.1	11.8	17.6

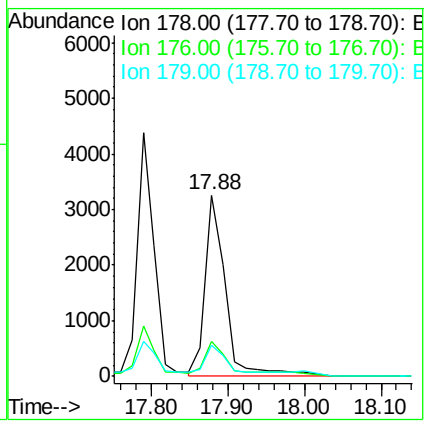


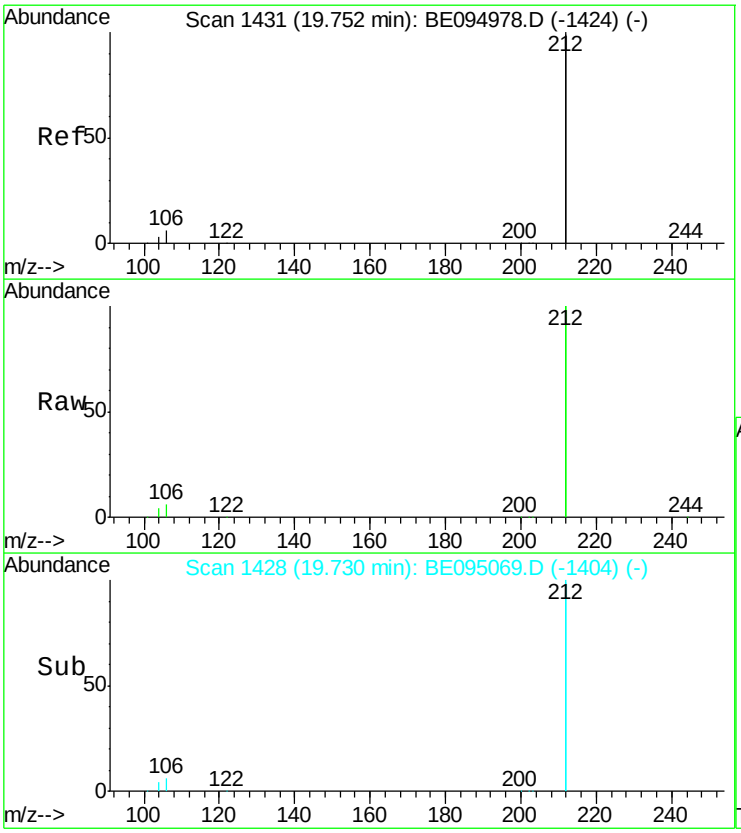


#24
Anthracene
Concen: 0.122 ng
RT: 17.88 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:178 Resp: 6491

Ion	Ratio	Lower	Upper
178	100		
176	25.8	12.8	19.2#
179	25.8	13.0	19.6#

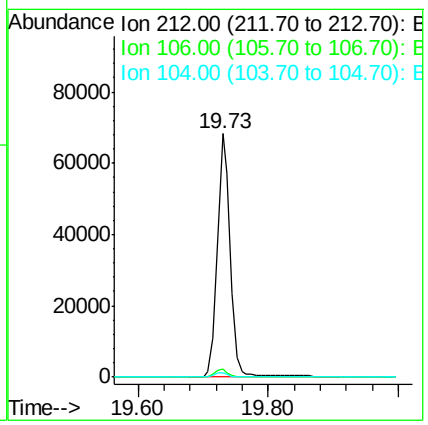


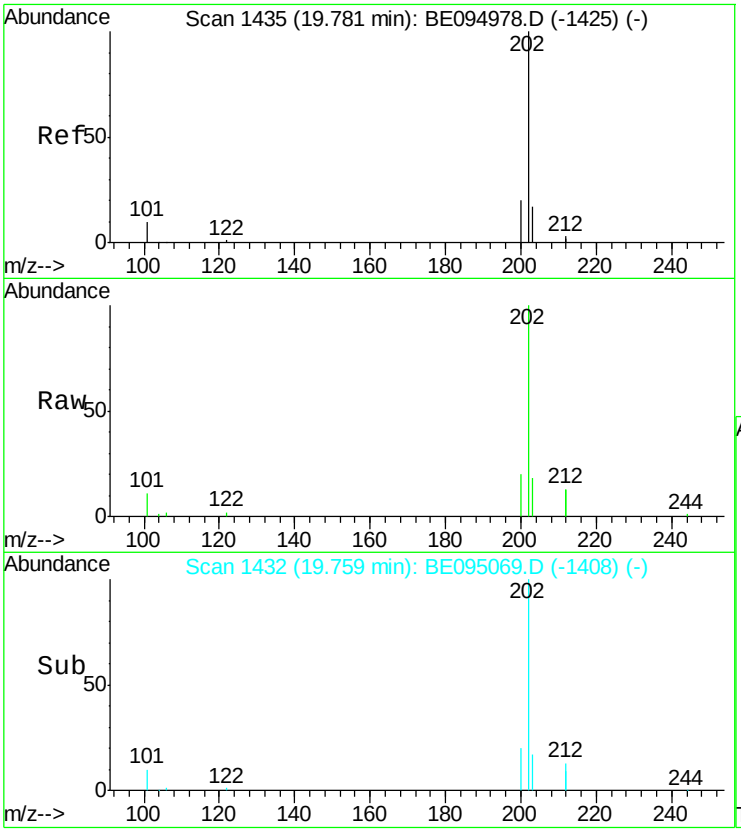


#25
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.73 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:212 Resp: 93362

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

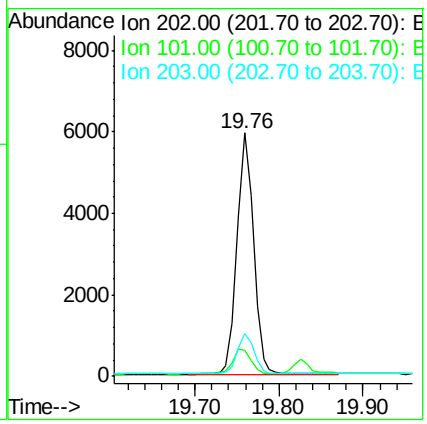


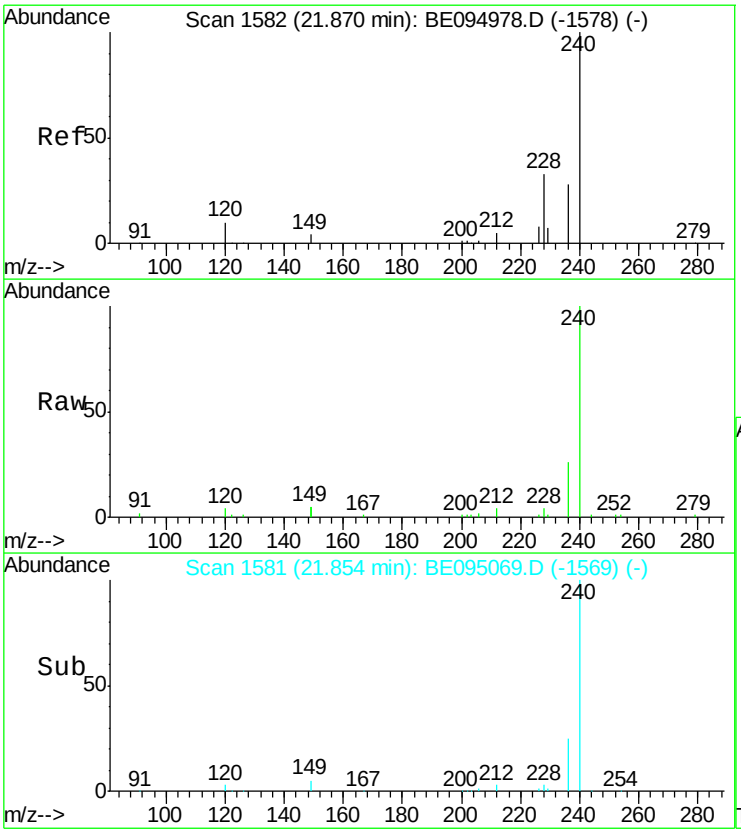


#26
Fluoranthene
Concen: 0.126 ng
RT: 19.76 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:202 Resp: 8025

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
203	17.6	13.7	20.5

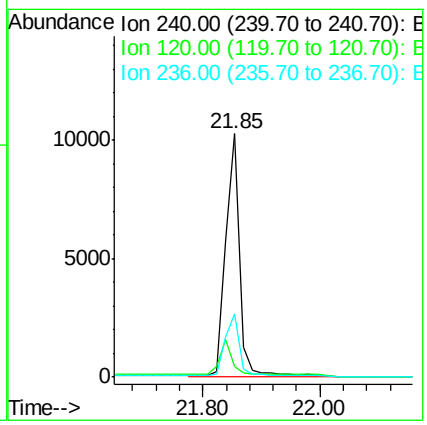


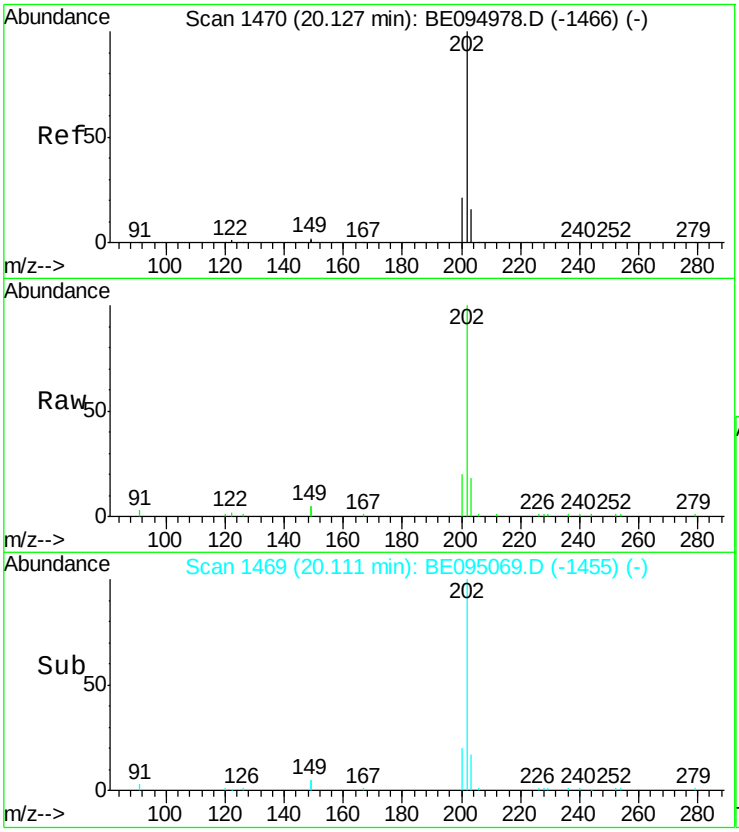


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:240 Resp: 19163

Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.5	8.3#
236	25.9	20.7	31.1

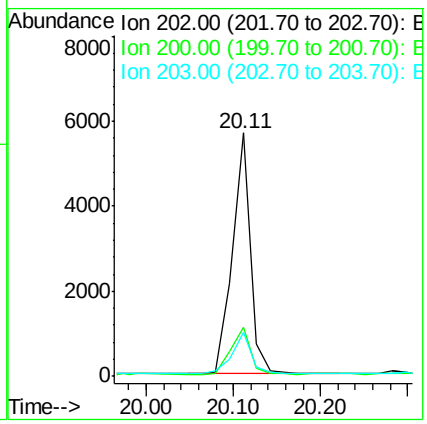


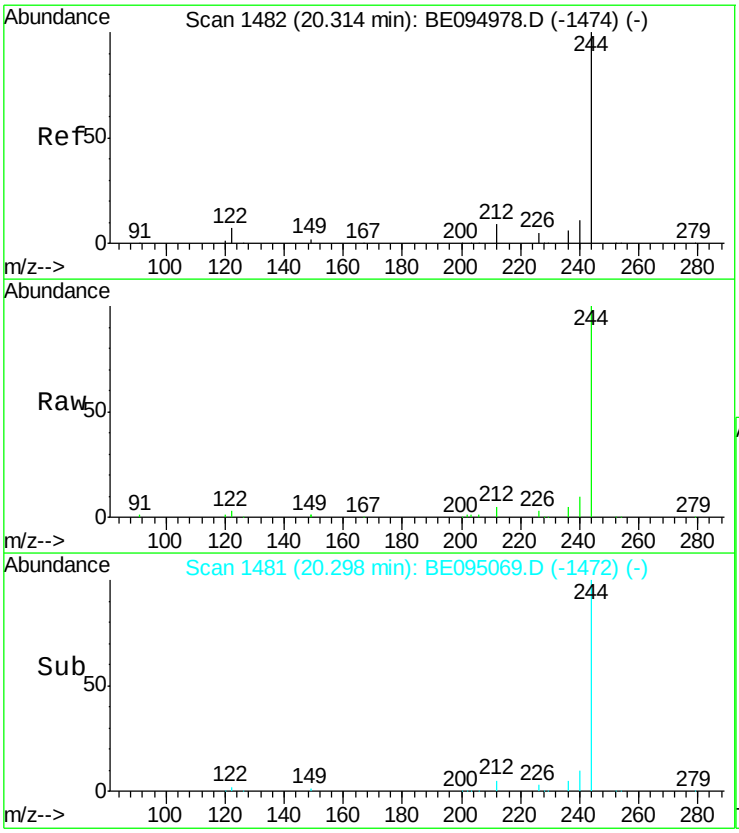


#28
Pyrene
Concen: 0.125 ng
RT: 20.11 min Scan# 1469
Delta R.T. -0.02 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:202 Resp: 8133

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.5	13.8	20.8

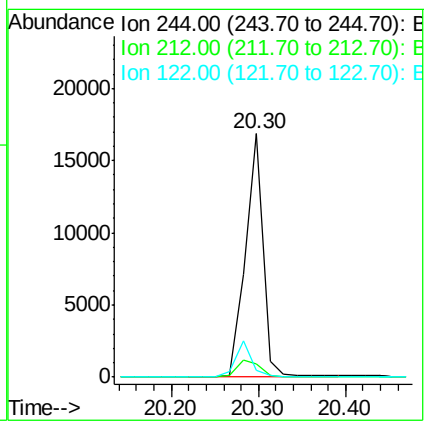


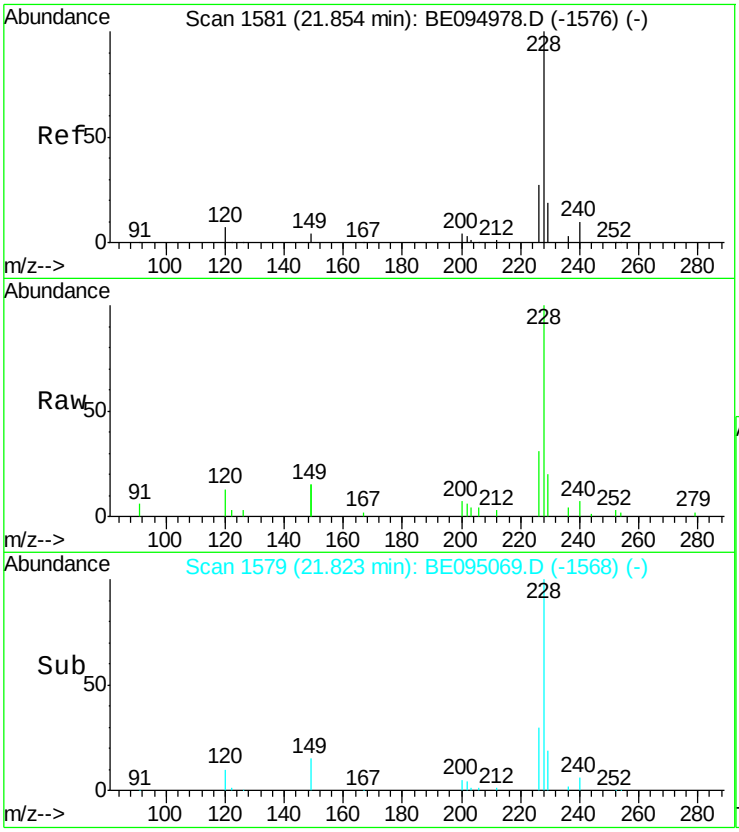


#29
Terphenyl-d14
Concen: 0.658 ng
RT: 20.30 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:244 Resp: 23749

Ion	Ratio	Lower	Upper
244	100		
212	5.4	25.4	38.0#
122	2.8	8.1	12.1#

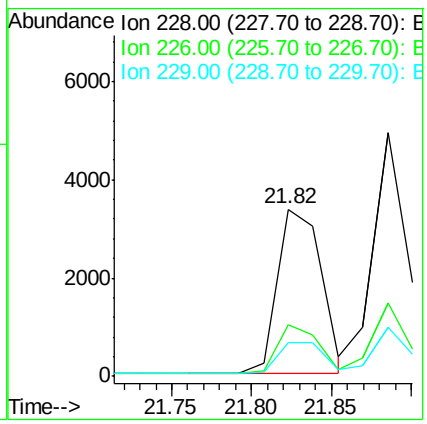


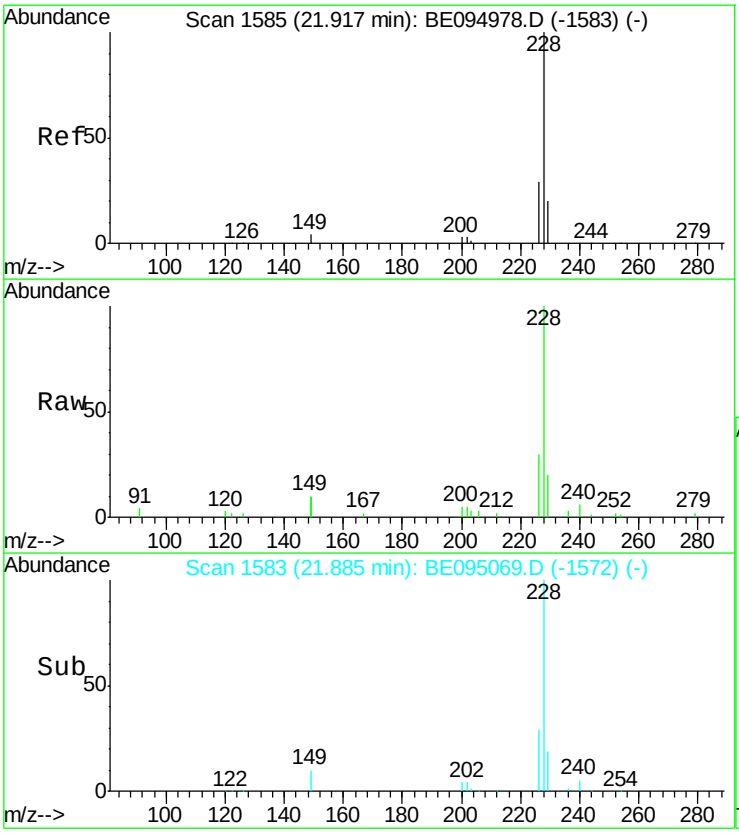


#30
Benzo(a)anthracene
Concen: 0.115 ng
RT: 21.82 min Scan# 1579
Delta R.T. -0.03 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:228 Resp: 6448

Ion	Ratio	Lower	Upper
228	100		
226	30.9	40.0	60.0#
229	20.1	40.0	60.0#

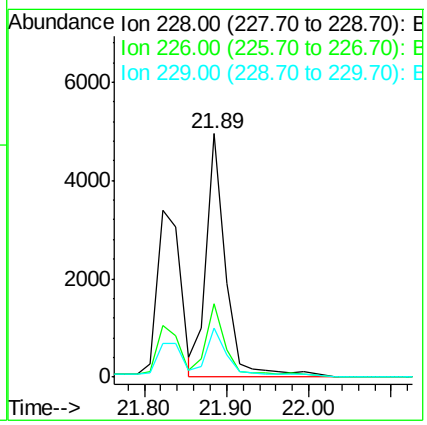


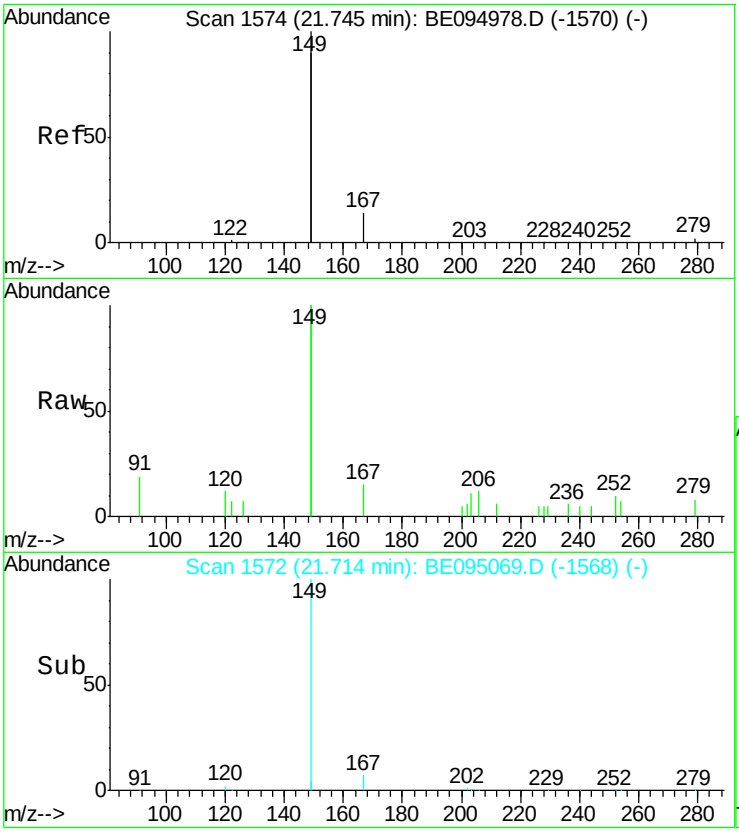


#31
Chrysene
Concen: 0.137 ng
RT: 21.89 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:228 Resp: 8636

Ion	Ratio	Lower	Upper
228	100		
226	30.2	40.0	60.0#
229	20.4	40.0	60.0#

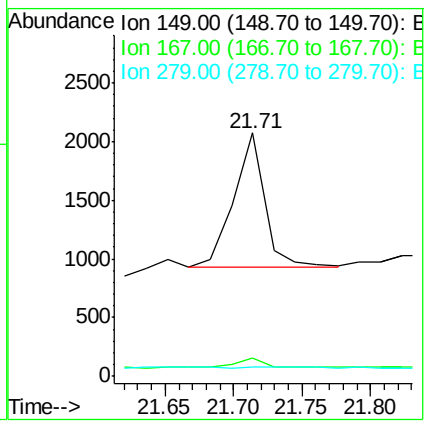


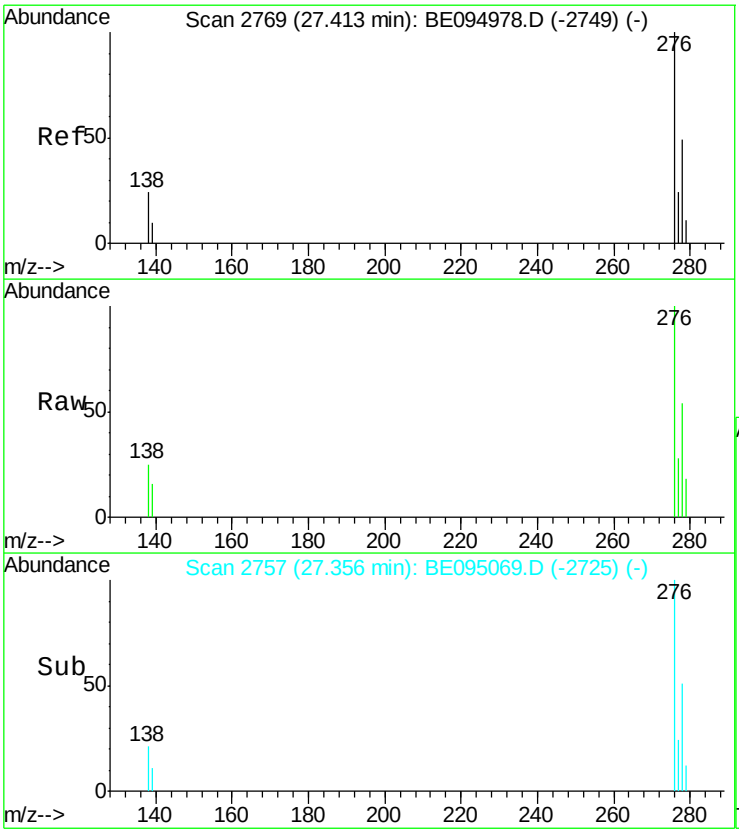


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.026 ng
RT: 21.71 min Scan# 1572
Delta R.T. -0.03 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:149 Resp: 1826

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	0.0	0.7	1.1#

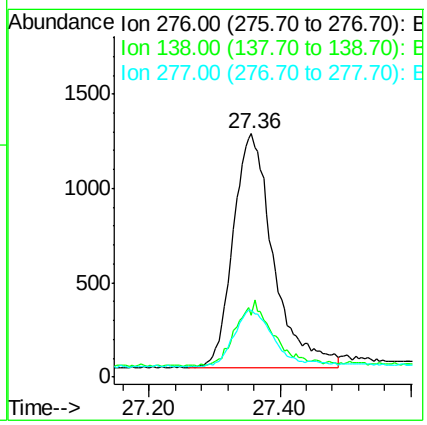


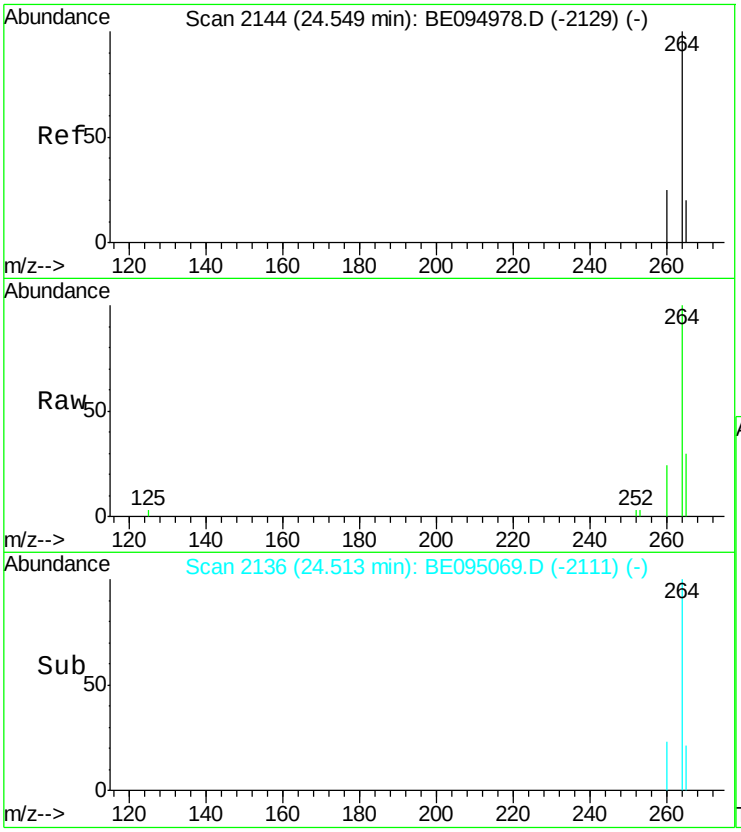


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng
RT: 27.36 min Scan# 2757
Delta R.T. -0.06 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:276 Resp: 5288

Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.5	33.7
277	22.8	19.9	29.9

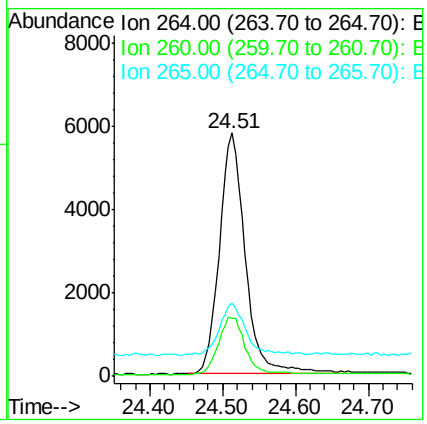


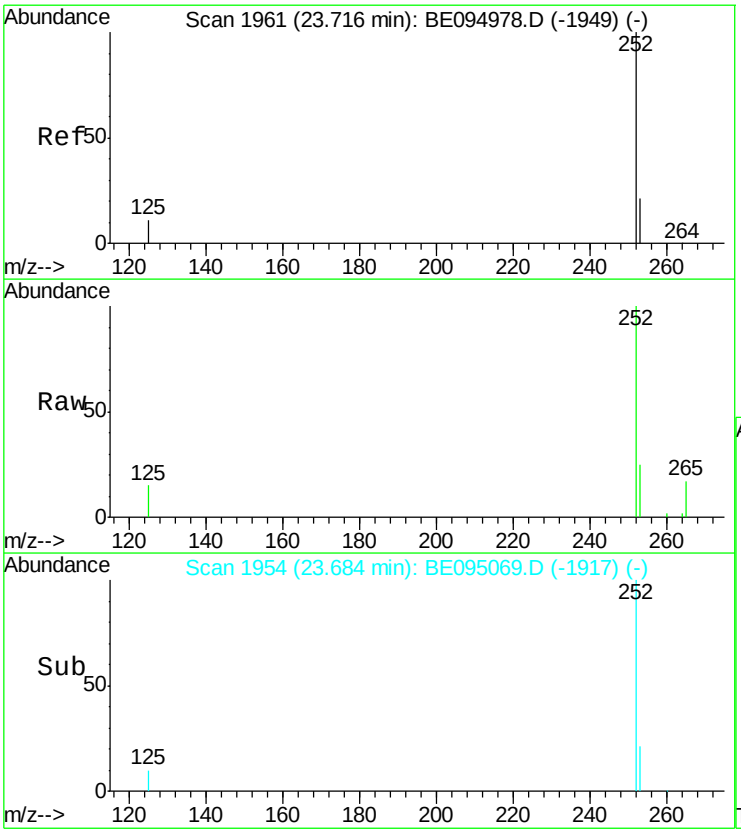


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.51 min Scan# 2136
Delta R.T. -0.04 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:264 Resp: 14313

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.5	30.7
265	30.2	22.8	34.2

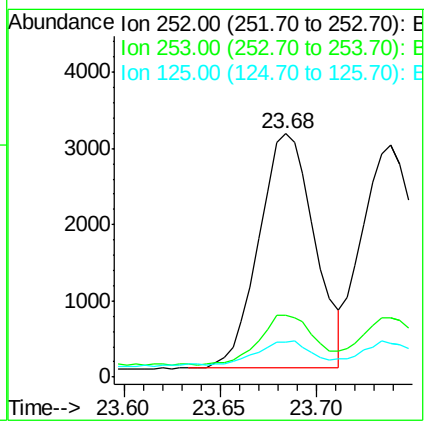


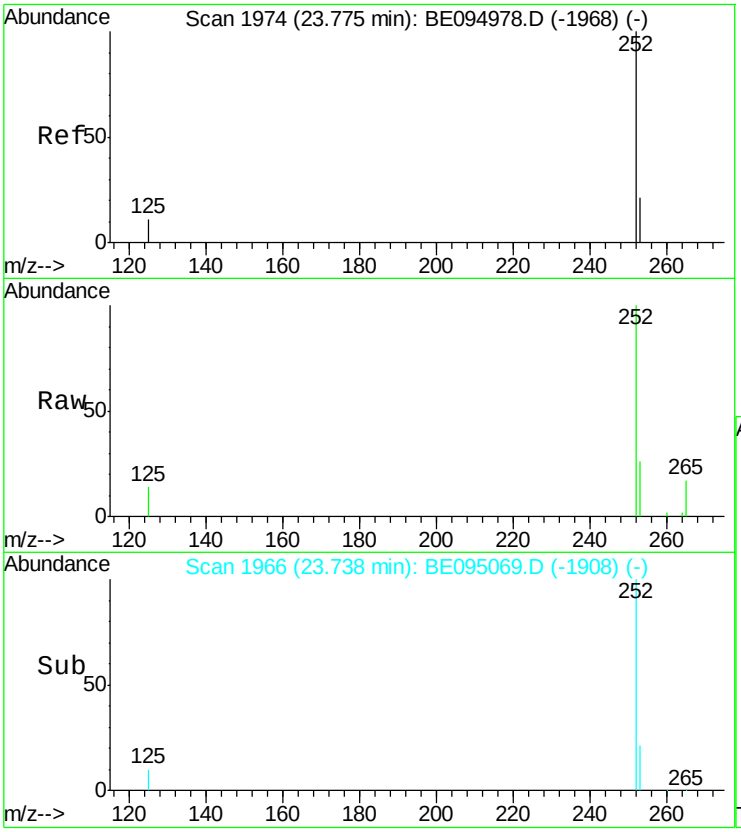


#35
Benzo(b)fluoranthene
Concen: 0.118 ng
RT: 23.68 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:252 Resp: 6197

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.0	30.0
125	14.5	16.0	24.0#

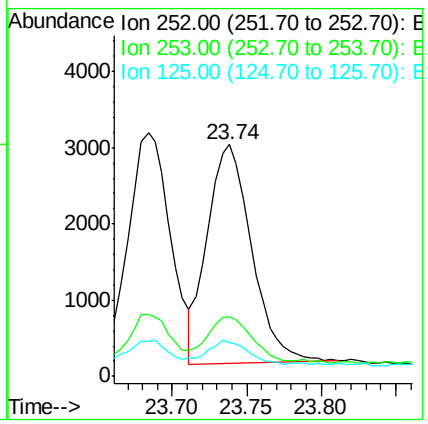


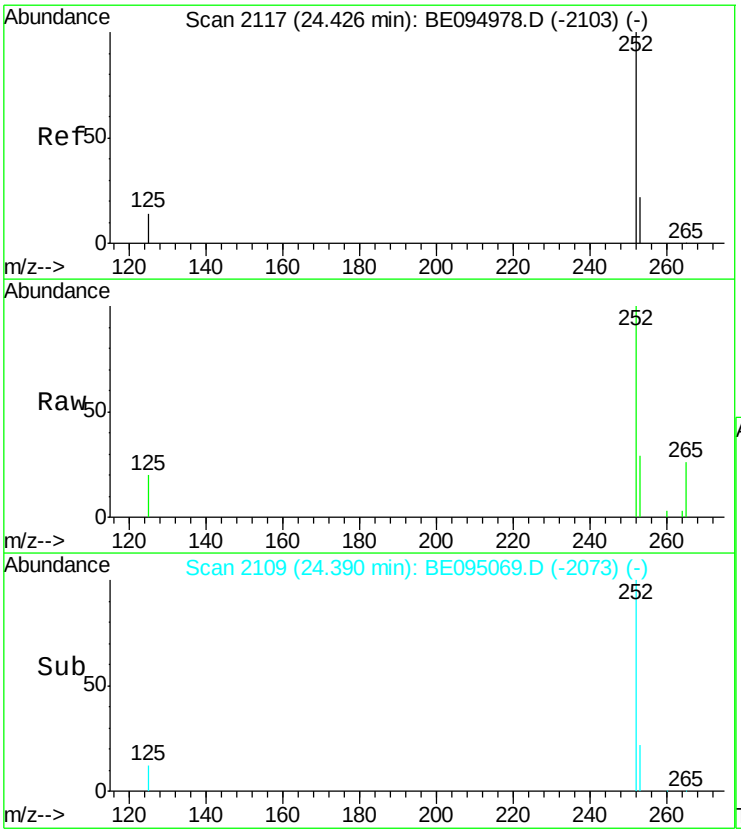


#36
Benzo(k)fluoranthene
Concen: 0.111 ng
RT: 23.74 min Scan# 1966
Delta R.T. -0.04 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:252 Resp: 5937

Ion	Ratio	Lower	Upper
252	100		
253	25.7	16.0	24.0#
125	14.4	8.0	12.0#

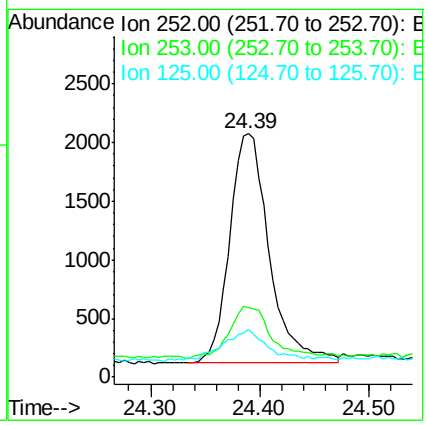


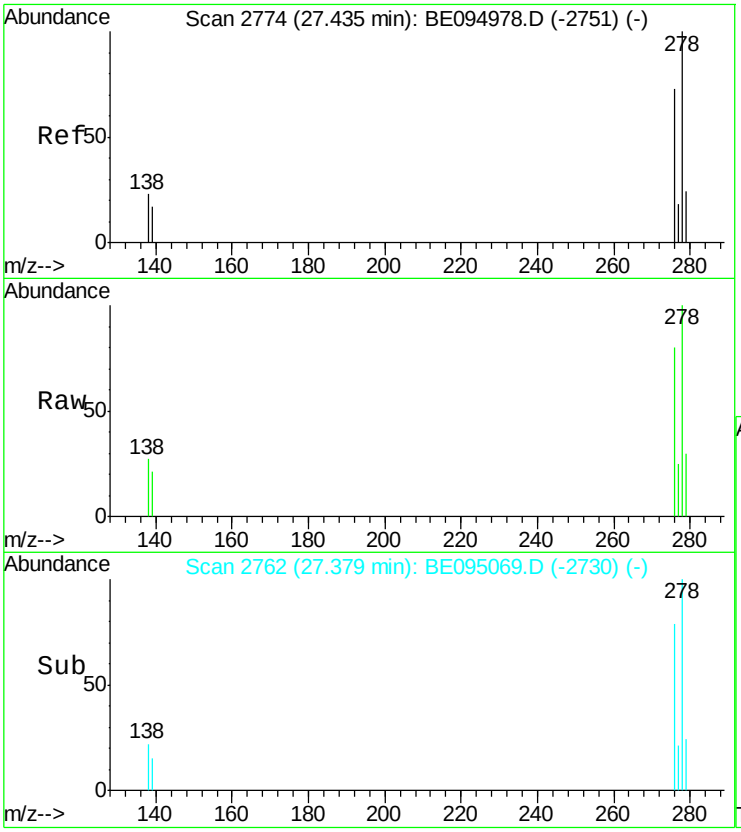


#37
Benzo(a)pyrene
Concen: 0.106 ng
RT: 24.39 min Scan# 2109
Delta R.T. -0.04 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:252 Resp: 4920

Ion	Ratio	Lower	Upper
252	100		
253	28.8	16.0	24.0#
125	19.5	12.0	18.0#

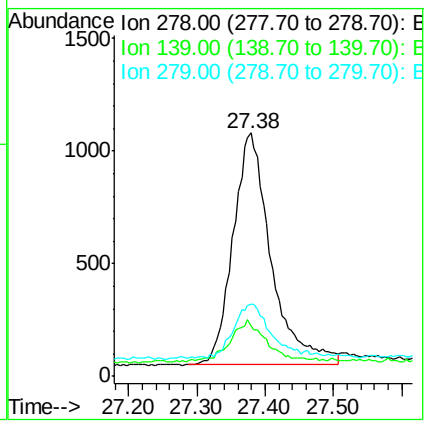


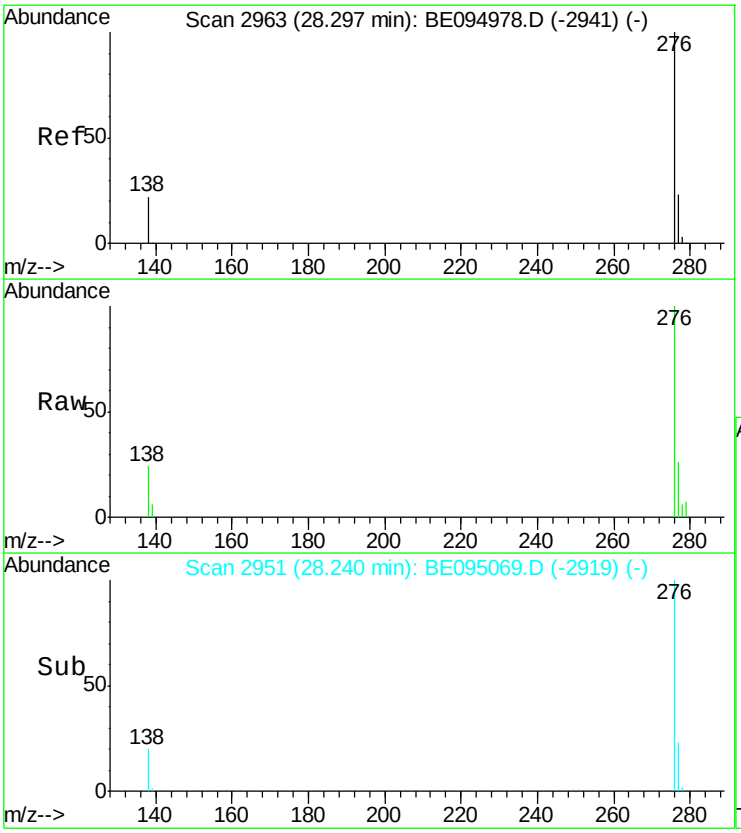


#38
Dibenzo(a,h)anthracene
Concen: 0.092 ng
RT: 27.38 min Scan# 2762
Delta R.T. -0.06 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:278 Resp: 4000

Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.0	24.0
279	29.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.116 ng
RT: 28.24 min Scan# 2951
Delta R.T. -0.06 min
Lab File: BE095069.D
Acq: 10 Jan 2018 12:47

Tgt Ion:276 Resp: 4980

Ion	Ratio	Lower	Upper
276	100		
277	26.1	16.0	24.0#
138	24.4	20.0	30.0