Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092319\
Data File : BE100536.D
Acq On : 23 Sep 2019 11:25
Operator : HP/JU
Sample : K4839-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 23 12:22:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

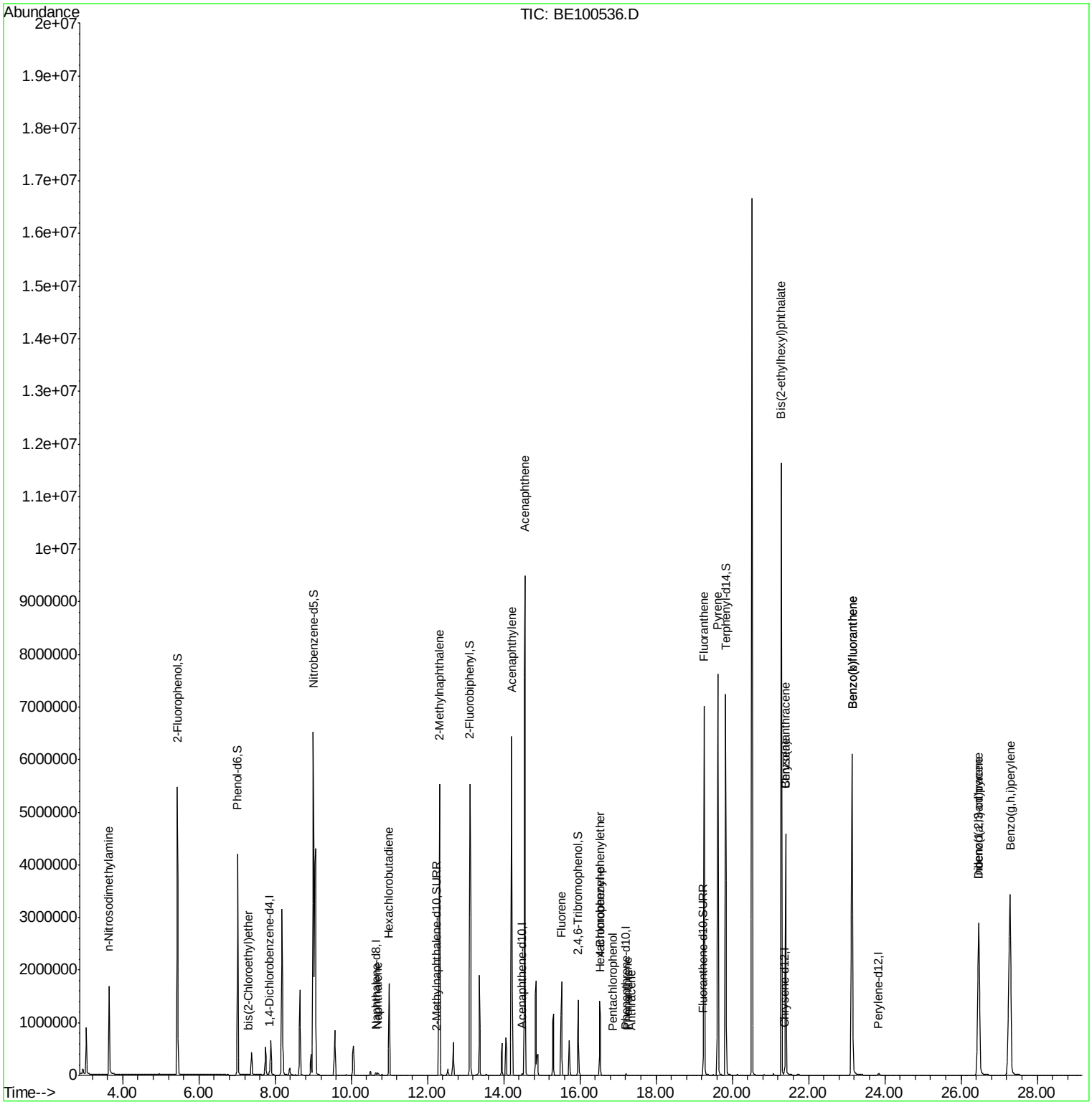
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	31178	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	42257	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	21523	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	45580	0.40	ng		0.00
27) Chrysene-d12	21.37	240	61085	0.40	ng		0.00
34) Perylene-d12	23.84	264	59987	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	3033554	41.56	ng		0.00
5) Phenol-d6	7.02	99	4099425	41.02	ng		0.00
8) Nitrobenzene-d5	9.00	82	2456277	100.85	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	59	0.00	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	739735	212.51	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	4918695	64.02	ng		0.00
25) Fluoranthene-d10	19.23	212	439	0.00	ng		0.00
29) Terphenyl-d14	19.83	244	7167945	49.55	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.63	42	903167	34.226	ng		99
6) bis(2-Chloroethyl)ether	7.29	93	223	0.002	ng	#	1
9) Naphthalene	10.69	128	85868	0.196	ng		100
10) Hexachlorobutadiene	10.99	225	1311946	93.639	ng		98
12) 2-Methylnaphthalene	12.31	142	4025918	57.749	ng		96
16) Acenaphthylene	14.21	152	7553327	85.233	ng	#	87
17) Acenaphthene	14.56	154	5655968	94.502	ng		96
18) Fluorene	15.52	166	63857	0.853	ng	#	94
20) 4-Bromophenyl-phenylether	16.52	248	20719	0.967	ng	#	1
21) Hexachlorobenzene	16.53	284	1151011	61.677	ng		97
22) Pentachlorophenol	16.87	266	185	0.215	ng	#	86
23) Phenanthrene	17.24	178	5270	0.041	ng		95
24) Anthracene	17.34	178	675	0.006	ng	#	92
26) Fluoranthene	19.26	202	6650099	43.421	ng	#	88
28) Pyrene	19.62	202	7152226	40.693	ng	#	85
30) Benzo(a)anthracene	21.40	228	3946126	24.187	ng	#	89
31) Chrysene	21.40	228	3945160	21.223	ng	#	91
32) Bis(2-ethylhexyl)phthalate	21.28	149	16136919	91.766	ng		98
33) Indeno(1,2,3-cd)pyrene	26.47	276	6818993	32.994	ng		97
35) Benzo(b)fluoranthene	23.14	252	10230623	63.033	ng	#	81
36) Benzo(k)fluoranthene	23.14	252	10325562	54.983	ng	#	81
38) Dibenzo(a,h)anthracene	26.47	278	202608	1.285	ng	#	74
39) Benzo(g,h,i)perylene	27.29	276	9038076	54.868	ng		94

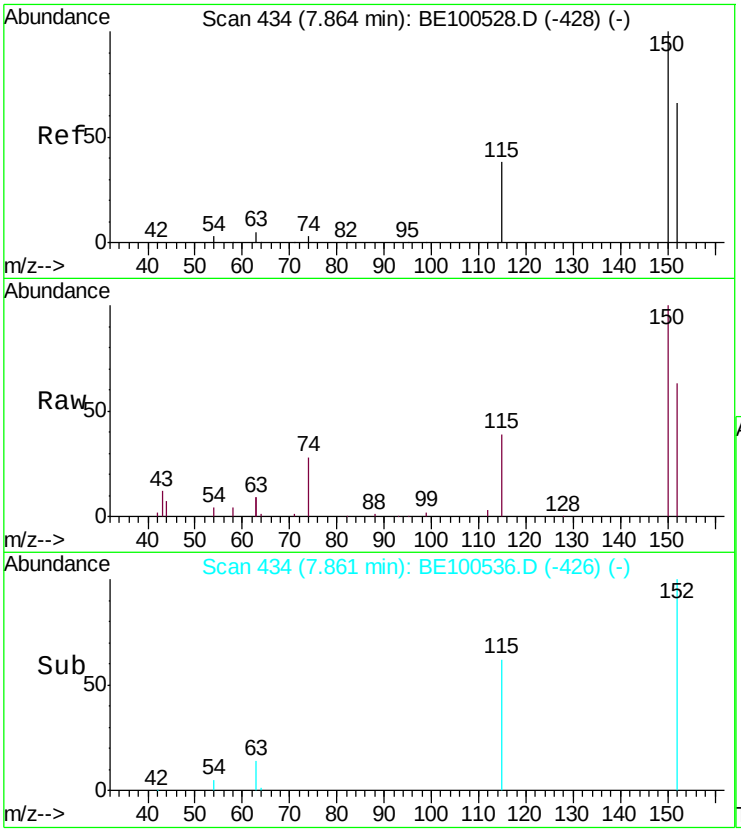
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092319\
Data File : BE100536.D
Acq On : 23 Sep 2019 11:25
Operator : HP/JU
Sample : K4839-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 23 12:22:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

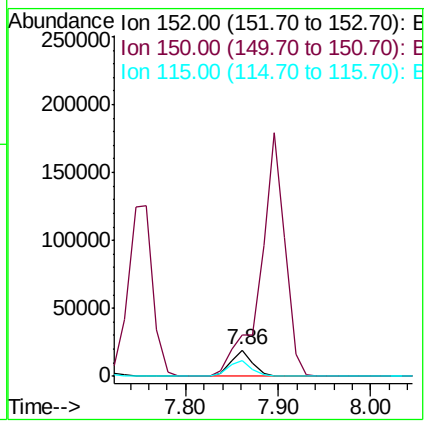


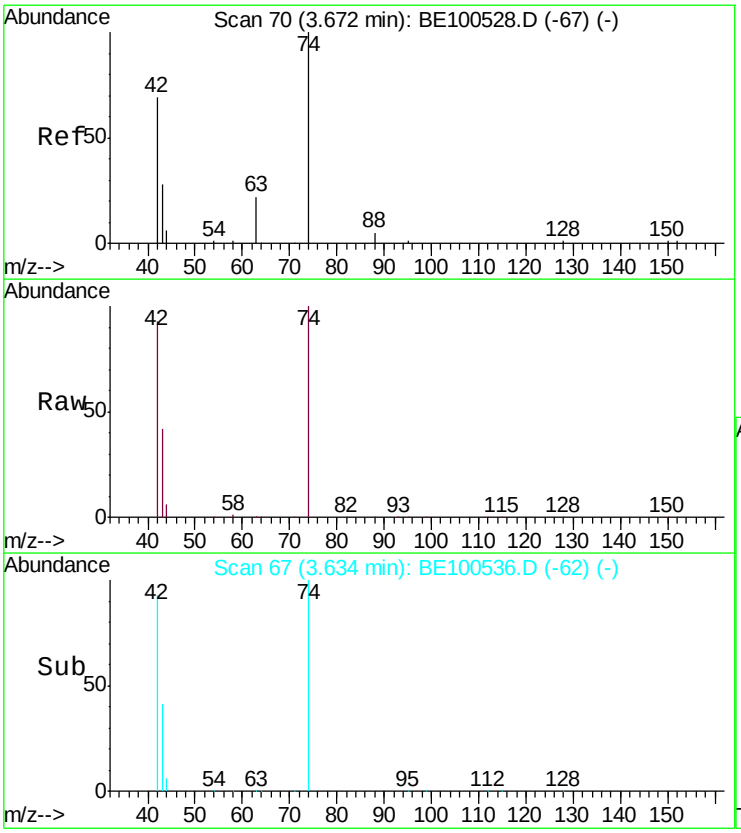


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:152 Resp: 31178

Ion	Ratio	Lower	Upper
152	100		
150	159.3	121.6	182.4
115	62.6	48.2	72.4

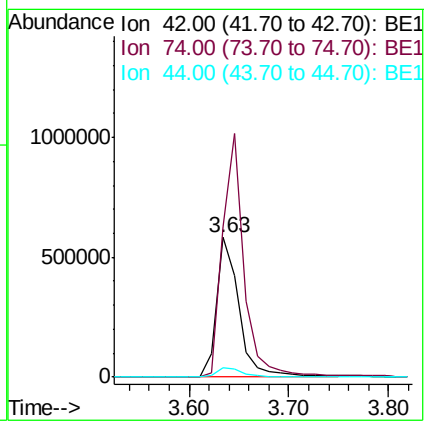


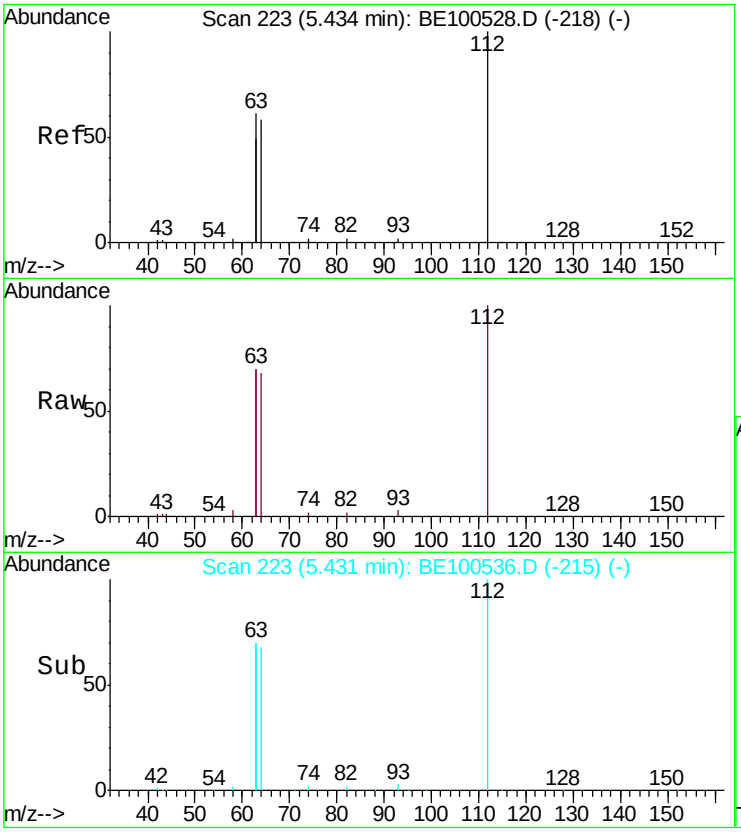


#3
n-Nitrosodimethylamine
Concen: 34.226 ng
RT: 3.63 min Scan# 67
Delta R.T. -0.04 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion: 42 Resp: 903167

Ion	Ratio	Lower	Upper
42	100		
74	168.3	133.8	200.6
44	7.1	6.4	9.6

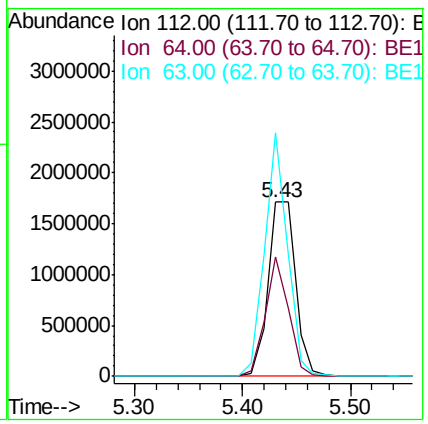


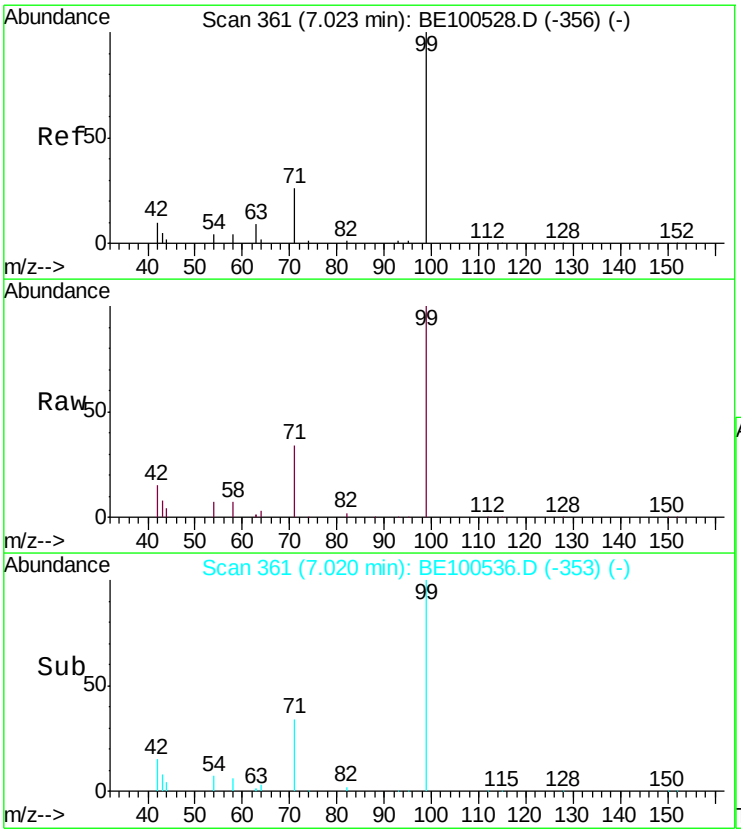


#4
2-Fluorophenol
Concen: 41.561 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:112 Resp: 3033554

Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.1	66.1
63	116.5	86.5	129.7

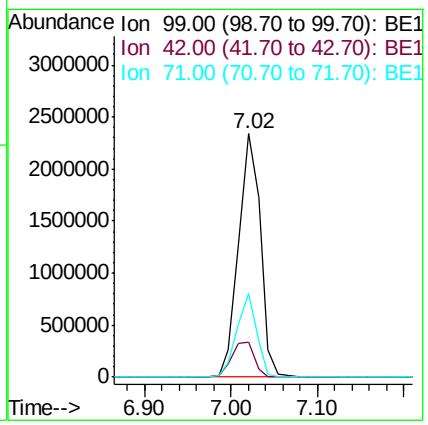


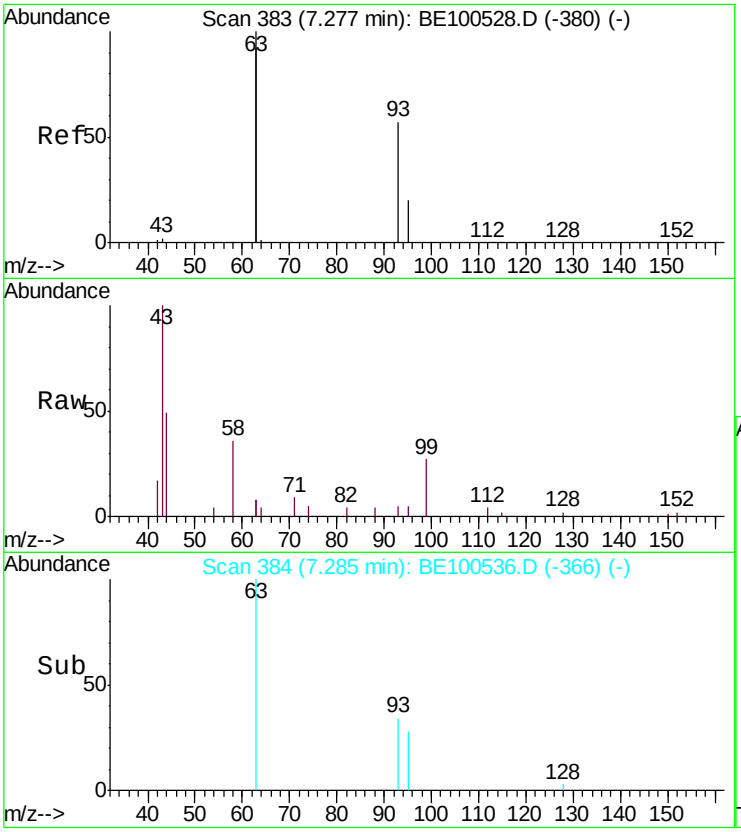


#5
Phenol-d6
Concen: 41.024 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion: 99 Resp: 4099425

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.0	19.6
71	31.4	23.4	35.0

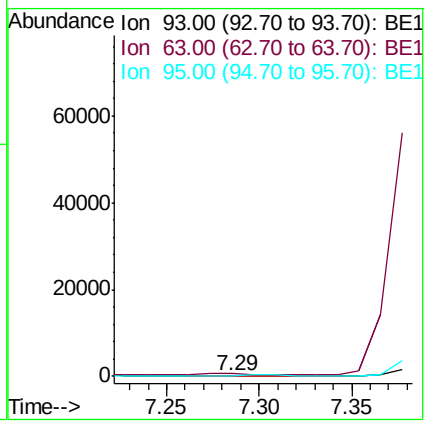


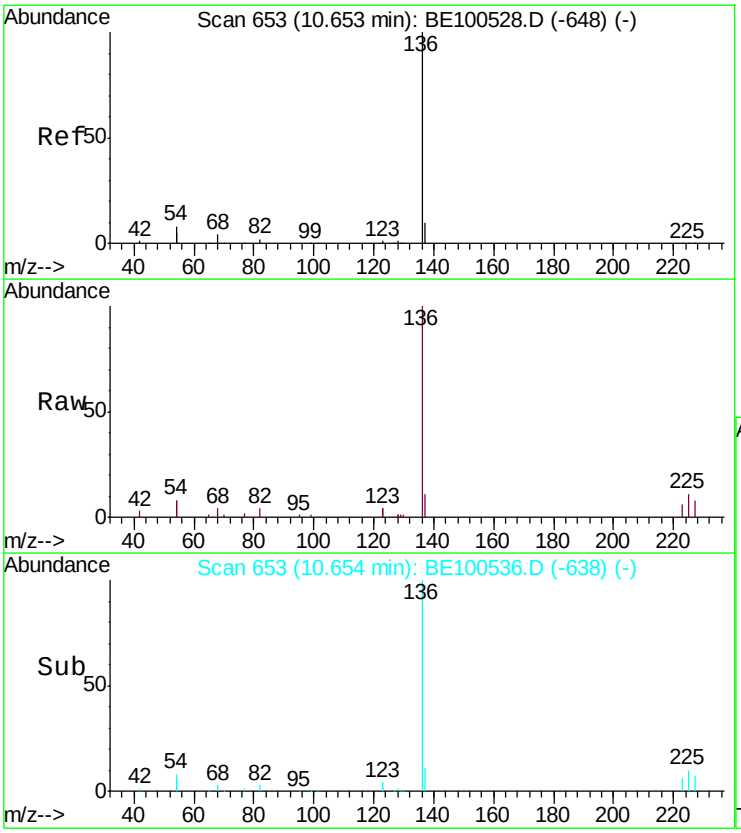


#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.01 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion: 93 Resp: 223

Ion	Ratio	Lower	Upper
93	100		
63	0.0	213.4	320.0#
95	0.0	23.7	35.5#

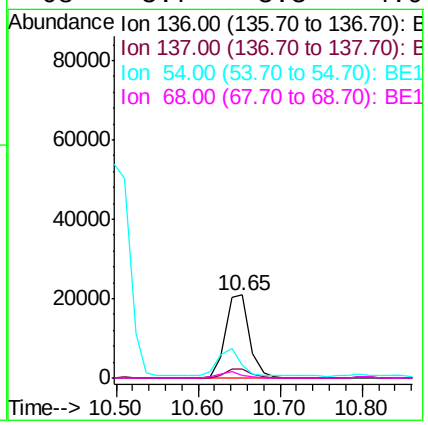


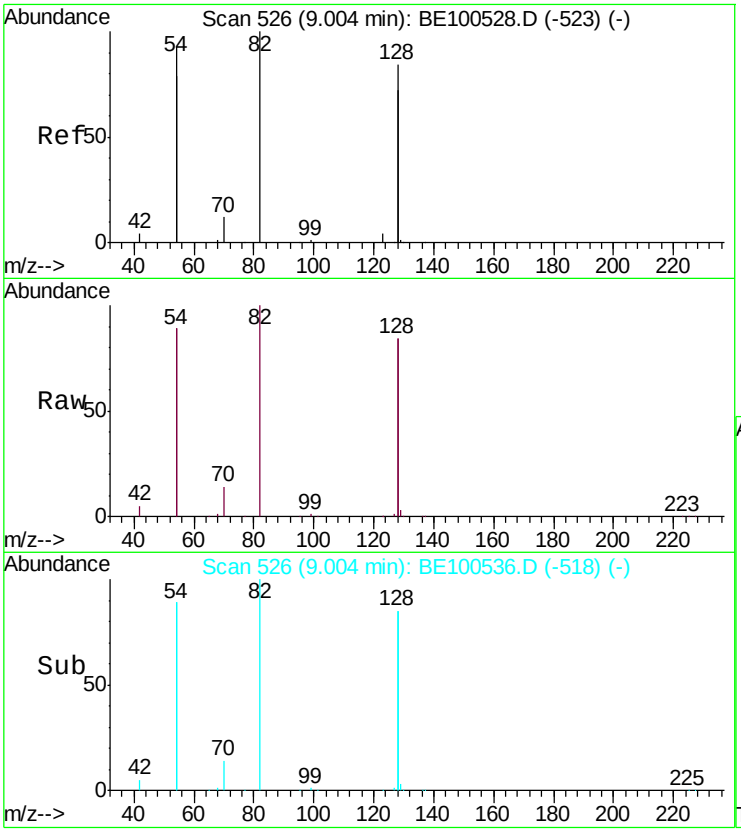


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:136 Resp: 42257

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	15.8	12.4	18.6
68	3.7	3.3	4.9

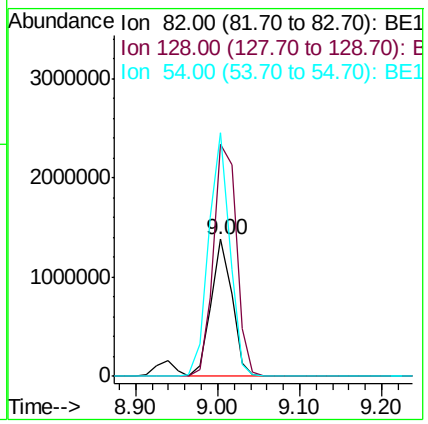


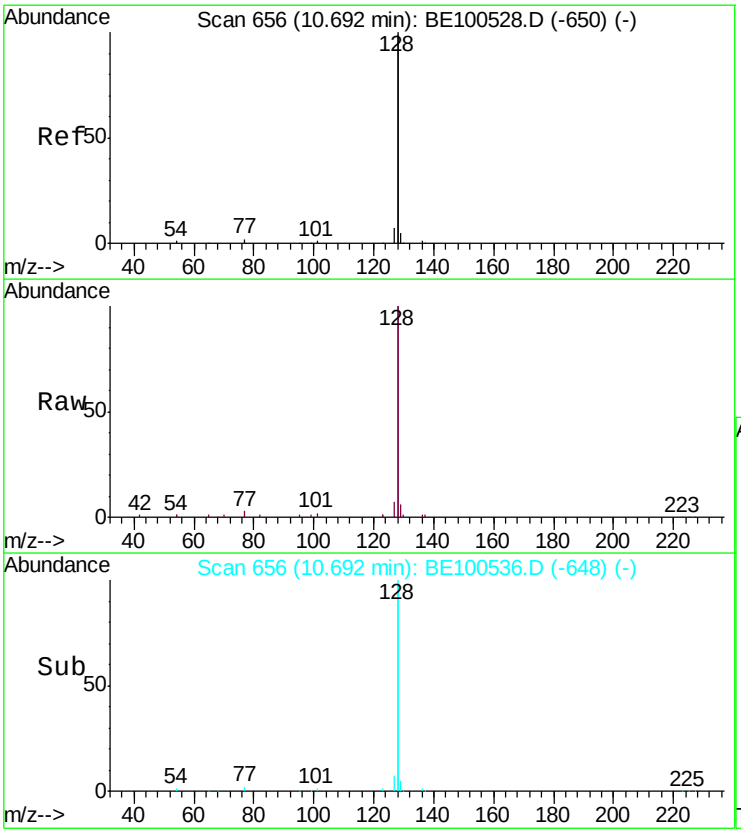


#8
Nitrobenzene-d5
Concen: 100.845 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion: 82 Resp: 2456277

Ion	Ratio	Lower	Upper
82	100		
128	169.0	129.4	194.2
54	177.6	143.3	214.9

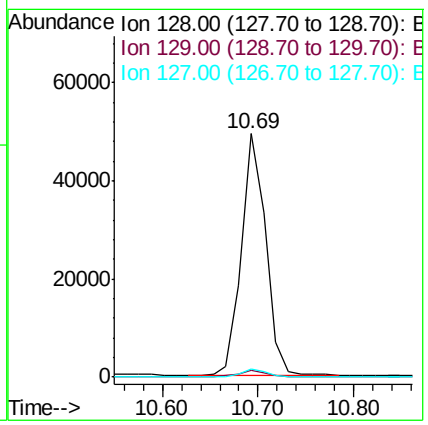


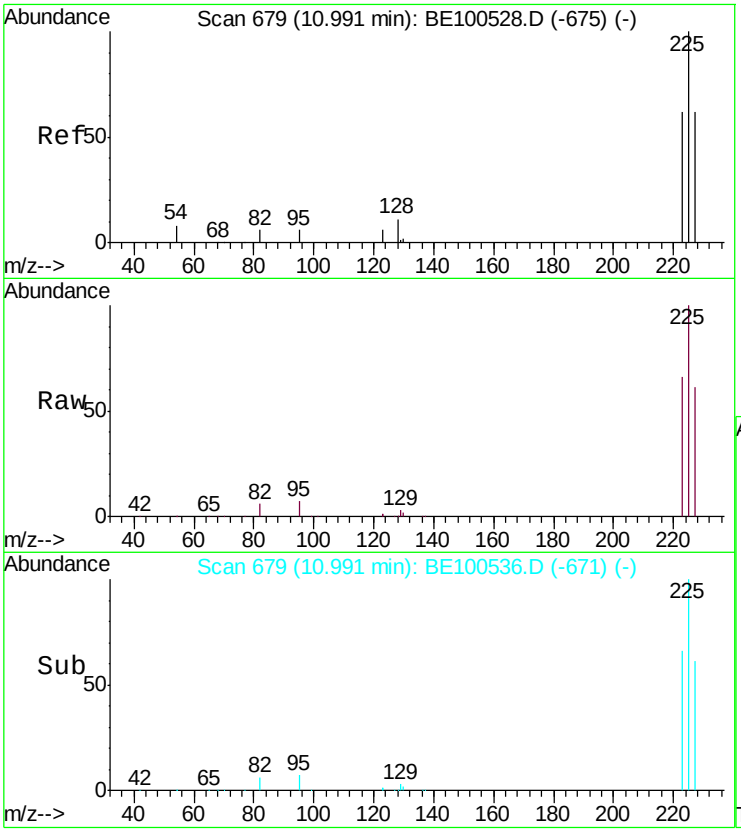


#9
Naphthalene
Concen: 0.196 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:128 Resp: 85868

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.4	2.7	4.1

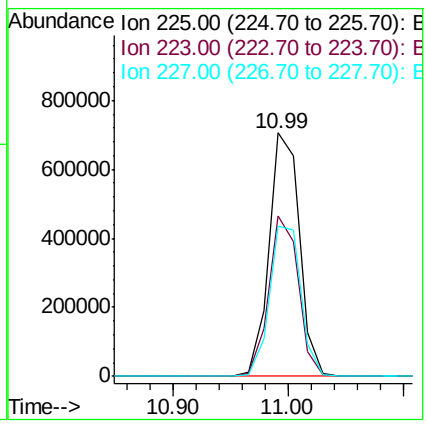


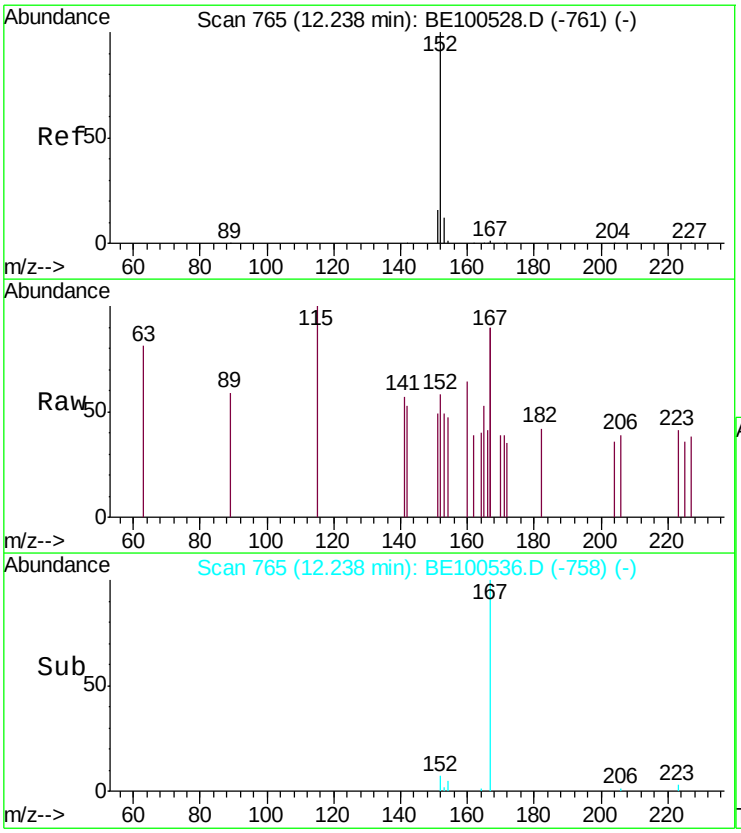


#10
Hexachlorobutadiene
Concen: 93.639 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:225 Resp: 1311946

Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.7	74.5
227	63.5	51.4	77.2

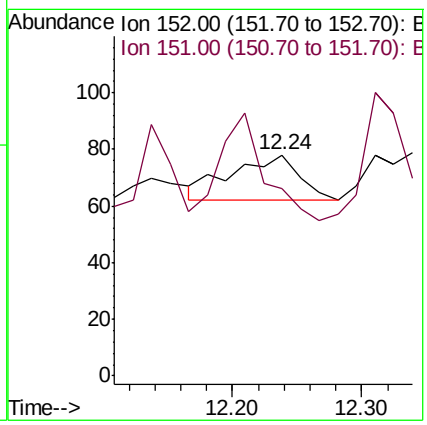


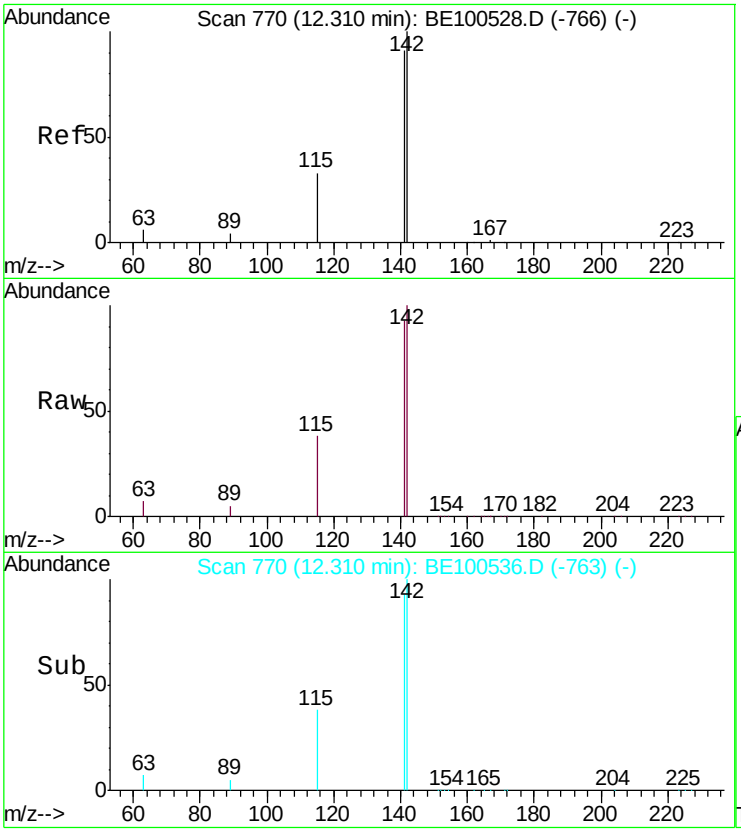


#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:152 Resp: 59

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.3	22.9#

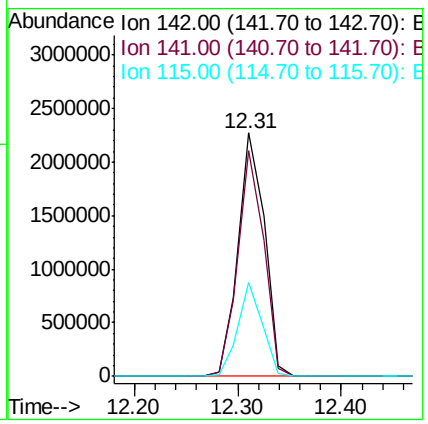


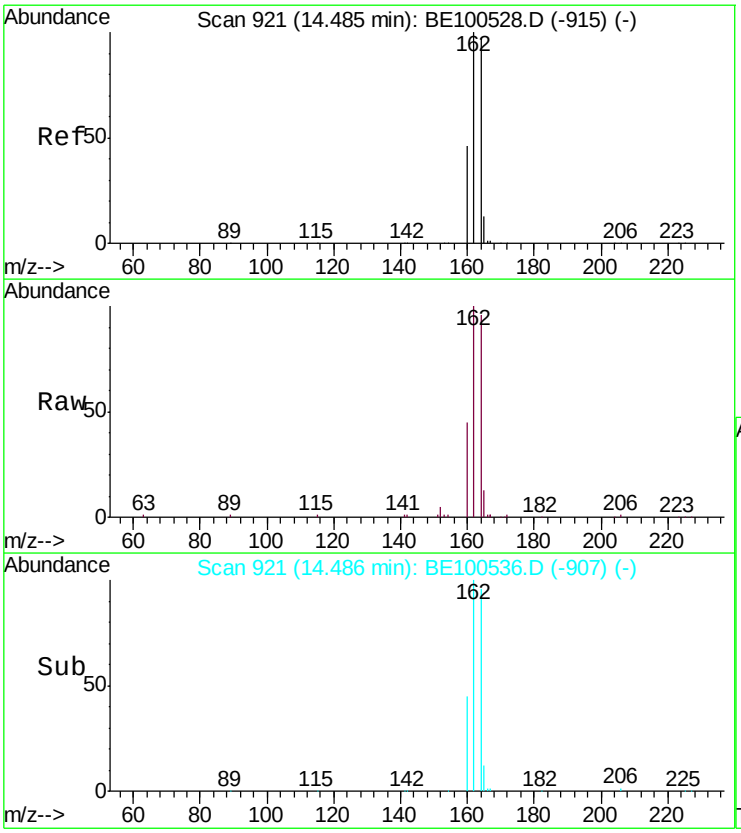


#12
2-Methylnaphthalene
Concen: 57.749 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:142 Resp: 4025918

Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.5	108.7
115	38.3	27.2	40.8

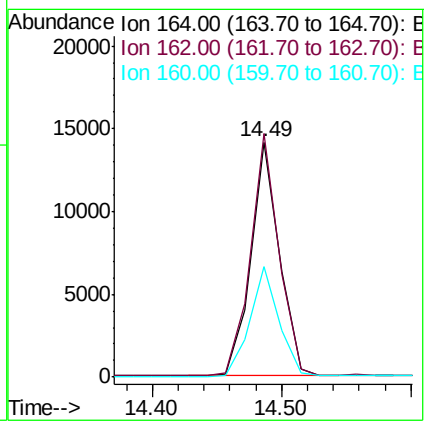


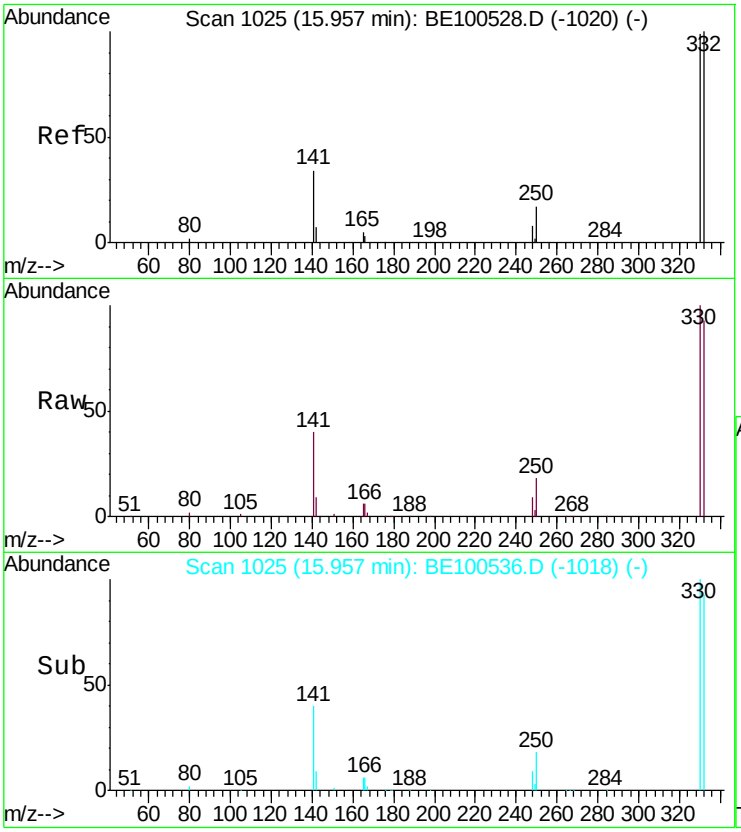


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:164 Resp: 21523

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.1	123.1
160	46.8	37.6	56.4

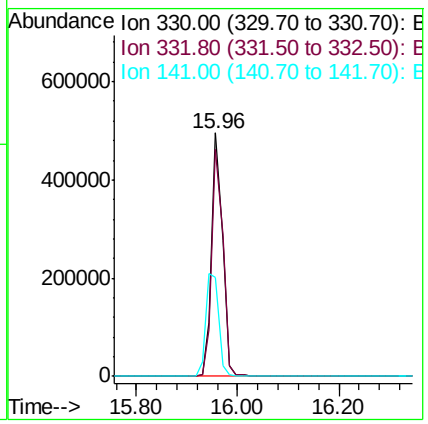


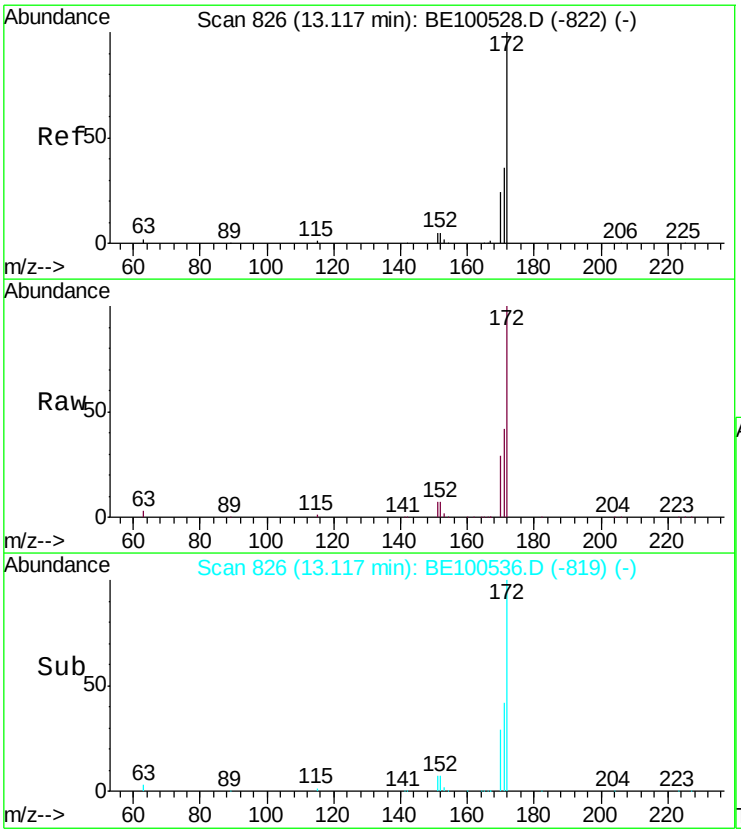


#14
2,4,6-Tribromophenol
Concen: 212.514 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:330 Resp: 739735

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.5	113.3
141	51.1	42.3	63.5

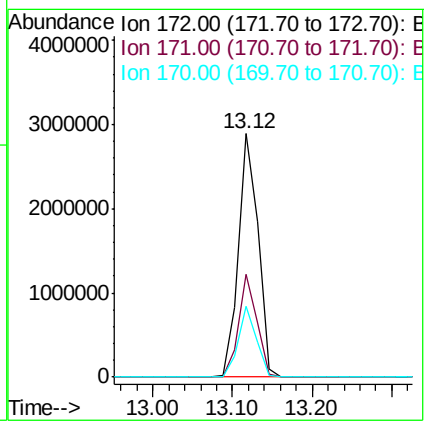


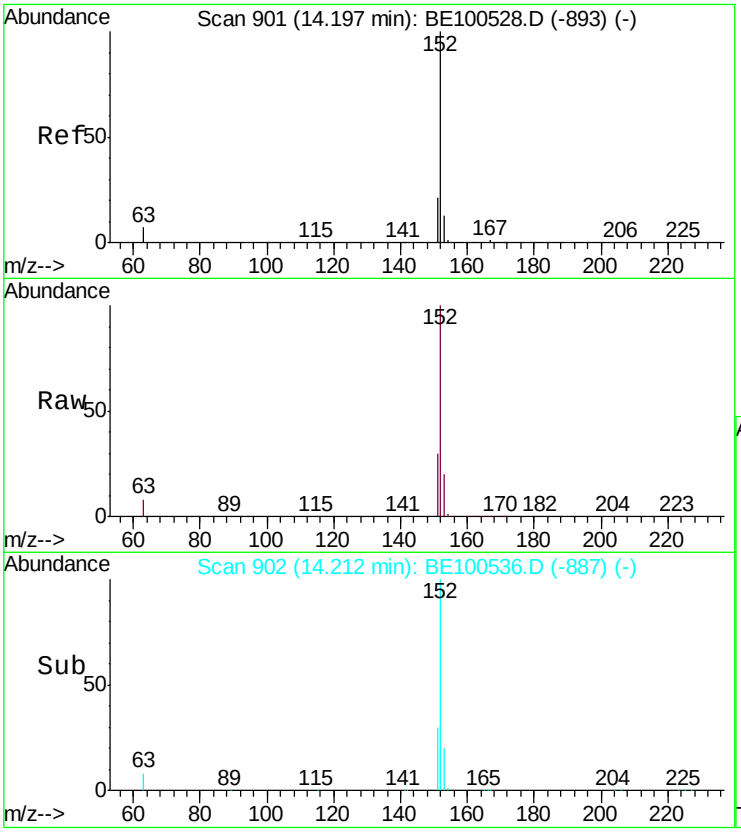


#15
2-Fluorobiphenyl
Concen: 64.022 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:172 Resp: 4918695

Ion	Ratio	Lower	Upper
172	100		
171	42.2	28.8	43.2
170	28.9	19.4	29.0

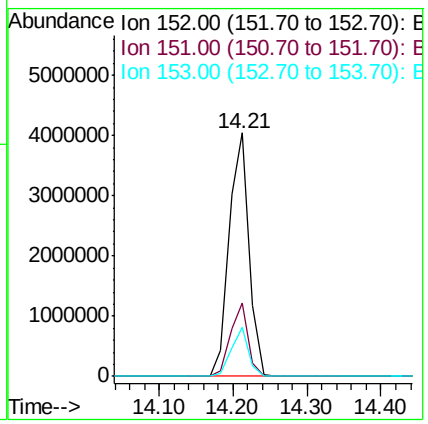


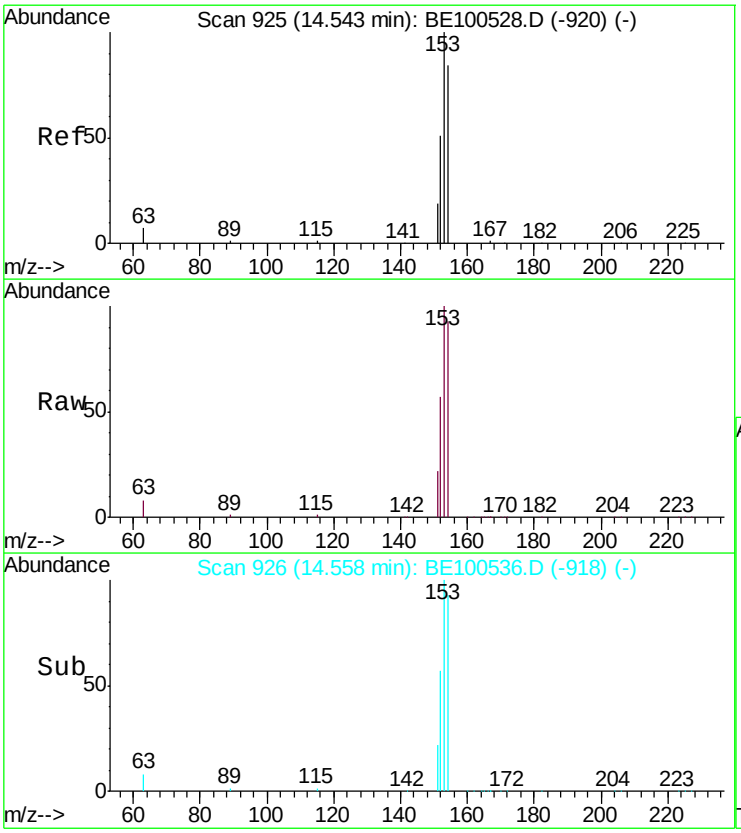


#16
Acenaphthylene
Concen: 85.233 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:152 Resp: 7553327

Ion	Ratio	Lower	Upper
152	100		
151	26.6	15.9	23.9#
153	17.5	10.7	16.1#

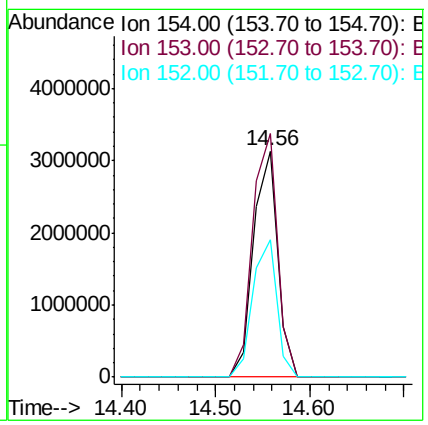


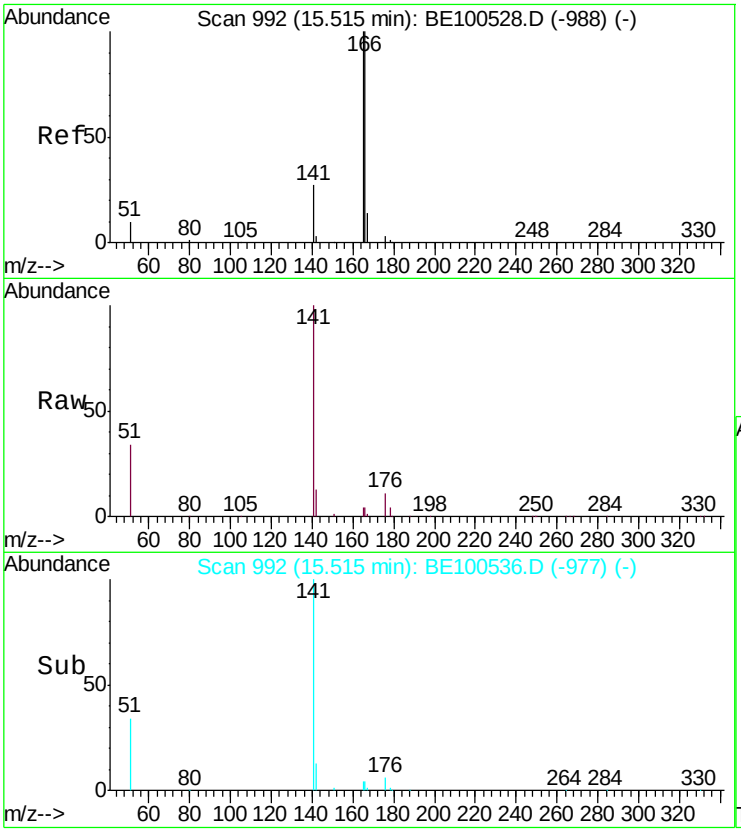


#17
Acenaphthene
Concen: 94.502 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.01 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:154 Resp: 5655968

Ion	Ratio	Lower	Upper
154	100		
153	110.9	93.7	140.5
152	60.7	47.3	70.9

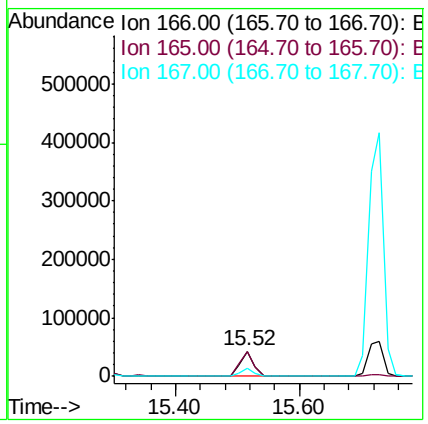


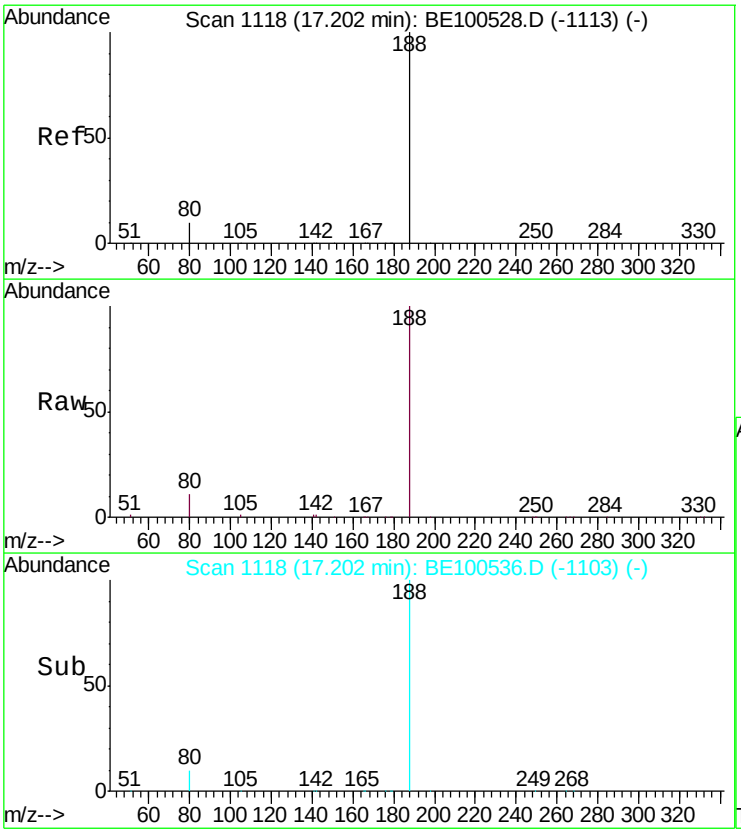


#18
Fluorene
Concen: 0.853 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:166 Resp: 63857

Ion	Ratio	Lower	Upper
166	100		
165	101.6	80.1	120.1
167	30.4	10.9	16.3#

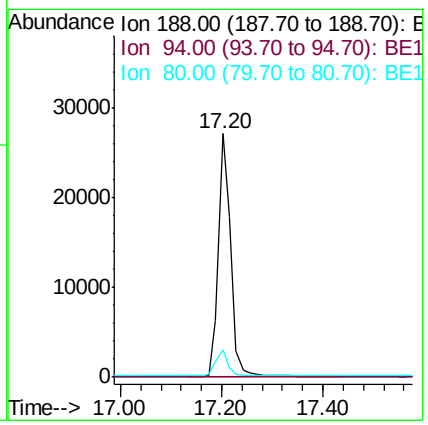


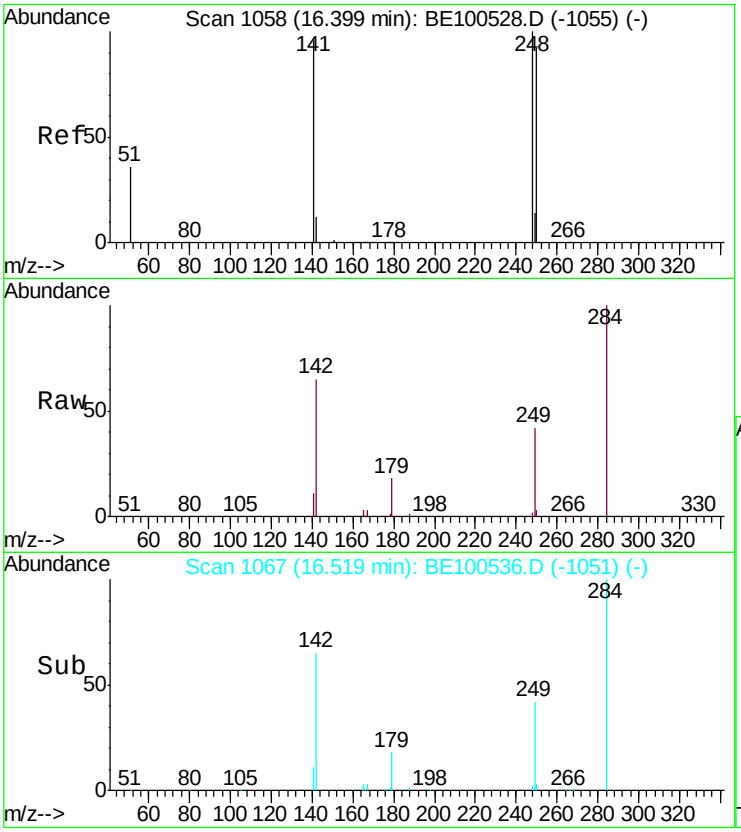


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:188 Resp: 45580

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	8.0	12.0

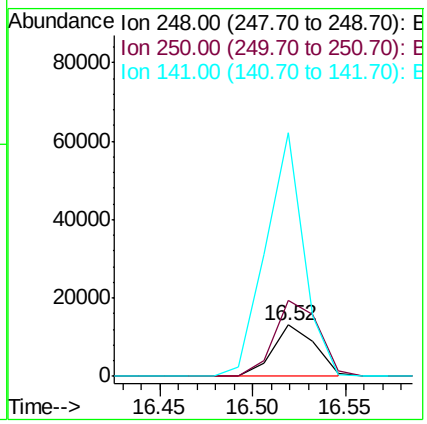


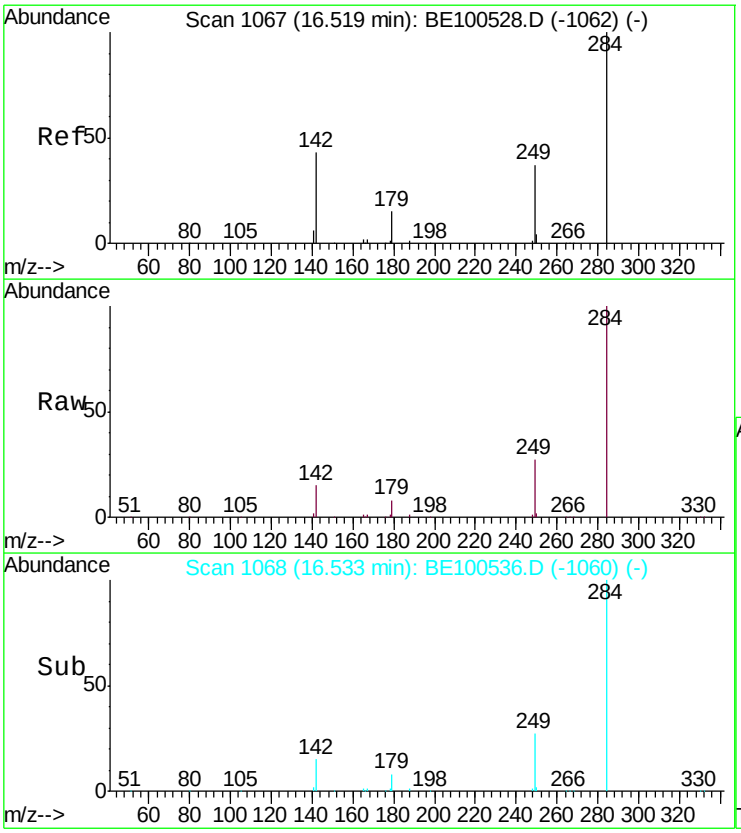


#20
4-Bromophenyl-phenylether
Concen: 0.967 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.12 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:248 Resp: 20719

Ion	Ratio	Lower	Upper
248	100		
250	149.7	73.5	110.3#
141	477.0	77.0	115.4#

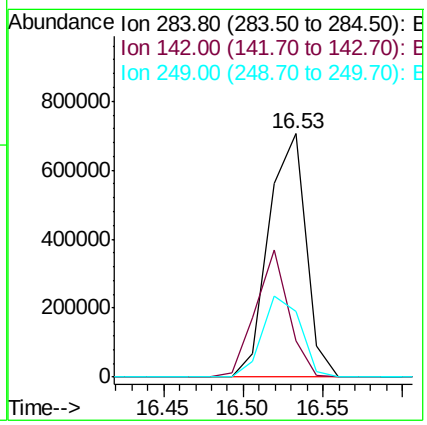


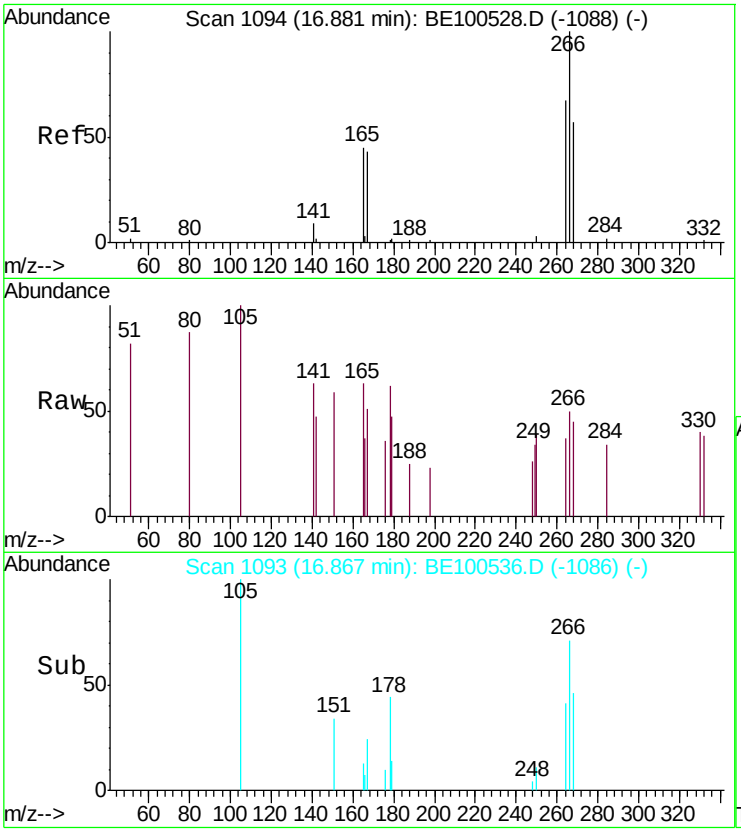


#21
Hexachlorobenzene
Concen: 61.677 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:284 Resp: 1151011

Ion	Ratio	Lower	Upper
284	100		
142	46.0	39.0	58.6
249	34.1	28.2	42.2

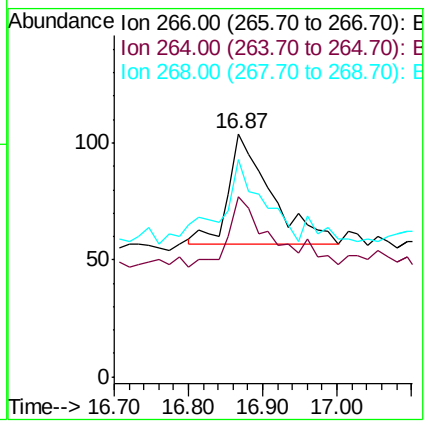


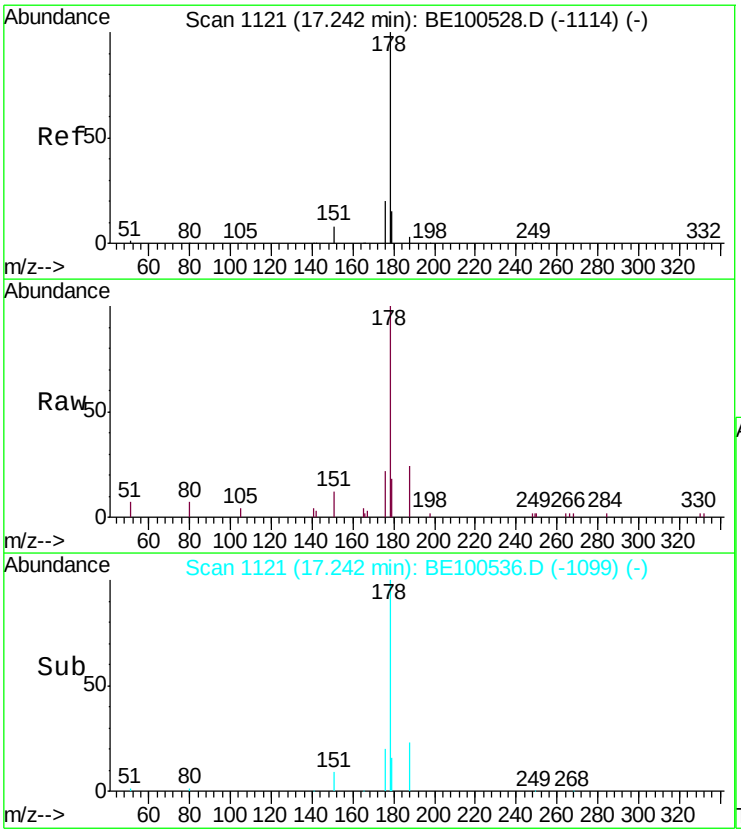


#22
Pentachlorophenol
Concen: 0.215 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:266 Resp: 185

Ion	Ratio	Lower	Upper
266	100		
264	74.0	57.6	86.4
268	89.4	55.1	82.7#

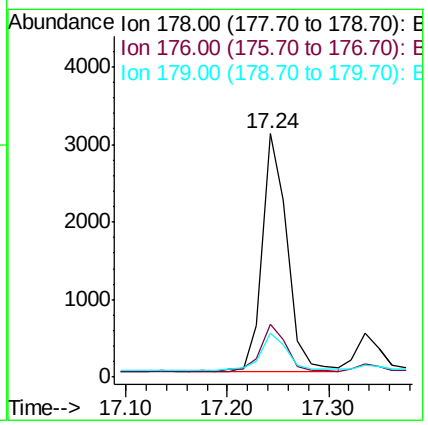


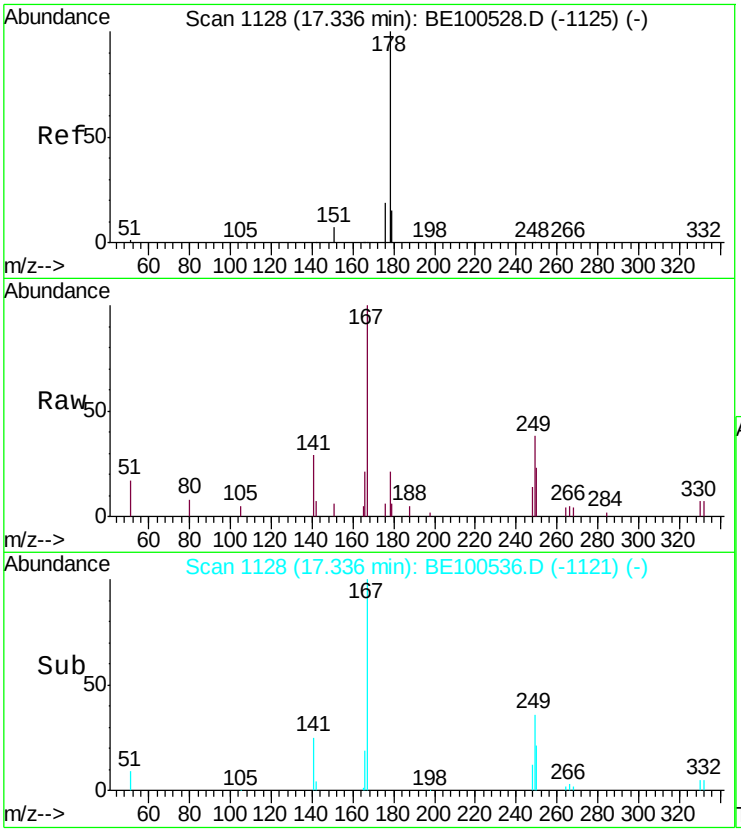


#23
Phenanthrene
Concen: 0.041 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:178 Resp: 5270

Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.4	23.2
179	17.2	12.6	18.8

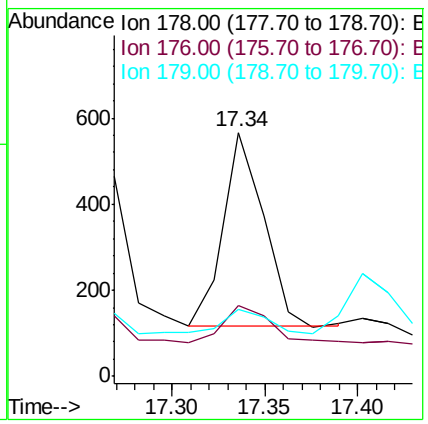


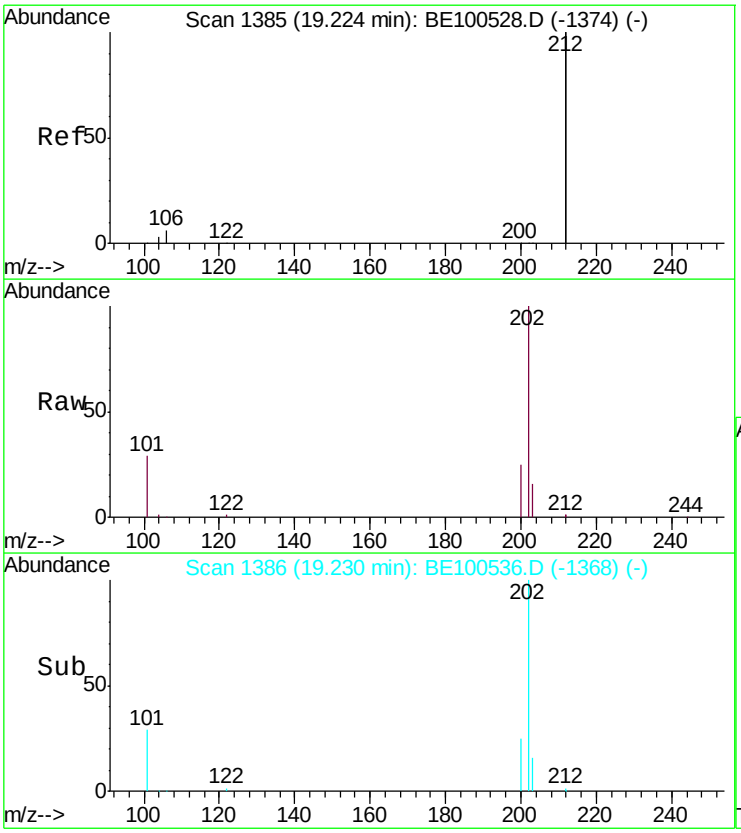


#24
Anthracene
Concen: 0.006 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:178 Resp: 675

Ion	Ratio	Lower	Upper
178	100		
176	24.4	15.2	22.8#
179	13.6	12.2	18.4

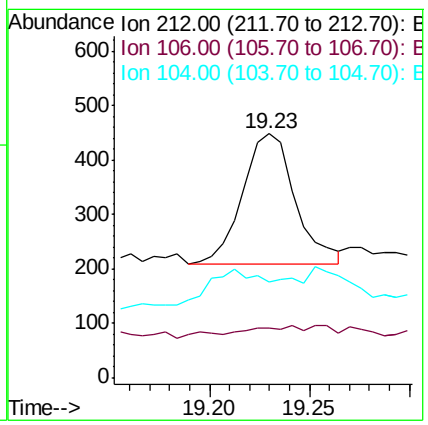


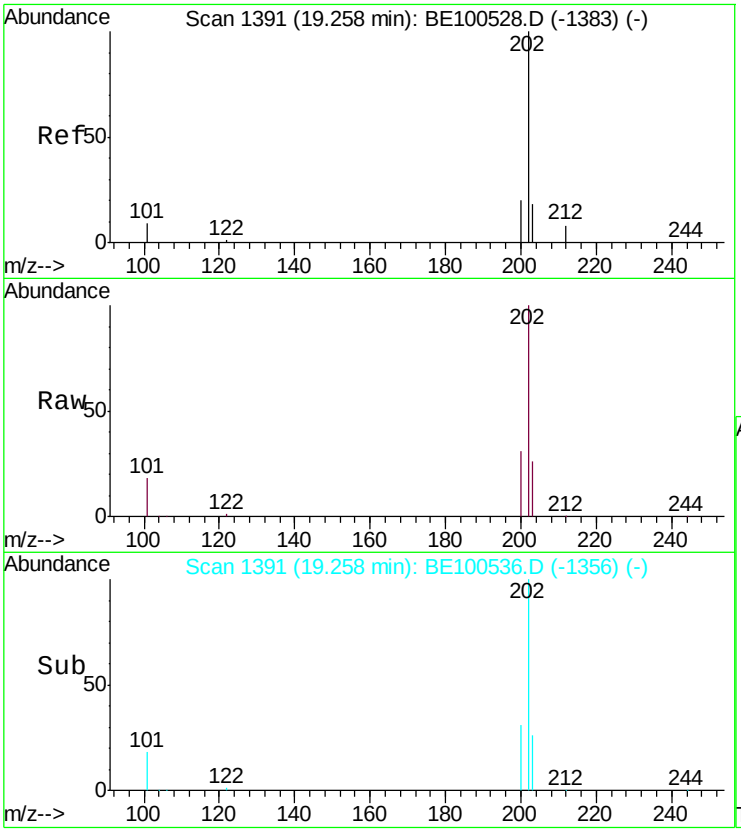


#25
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:212 Resp: 439

Ion	Ratio	Lower	Upper
212	100		
106	11.8	2.3	3.5#
104	0.0	1.3	1.9#

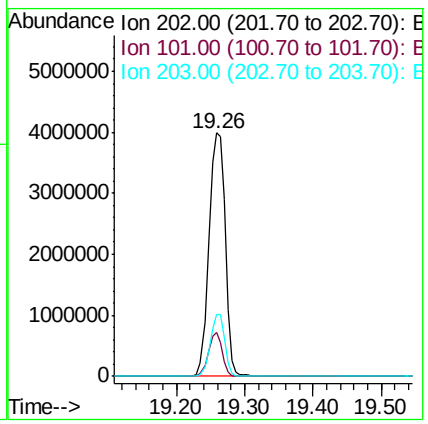


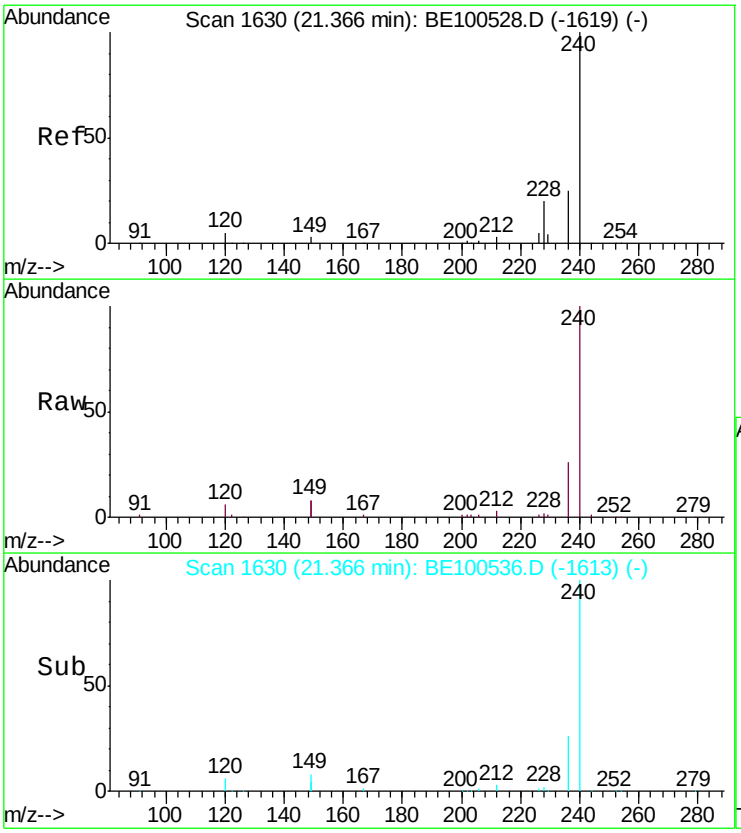


#26
Fluoranthene
Concen: 43.421 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:202 Resp: 6650099

Ion	Ratio	Lower	Upper
202	100		
101	15.3	8.8	13.2#
203	22.6	13.7	20.5#

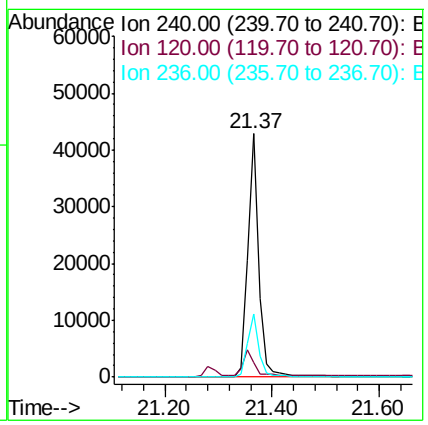


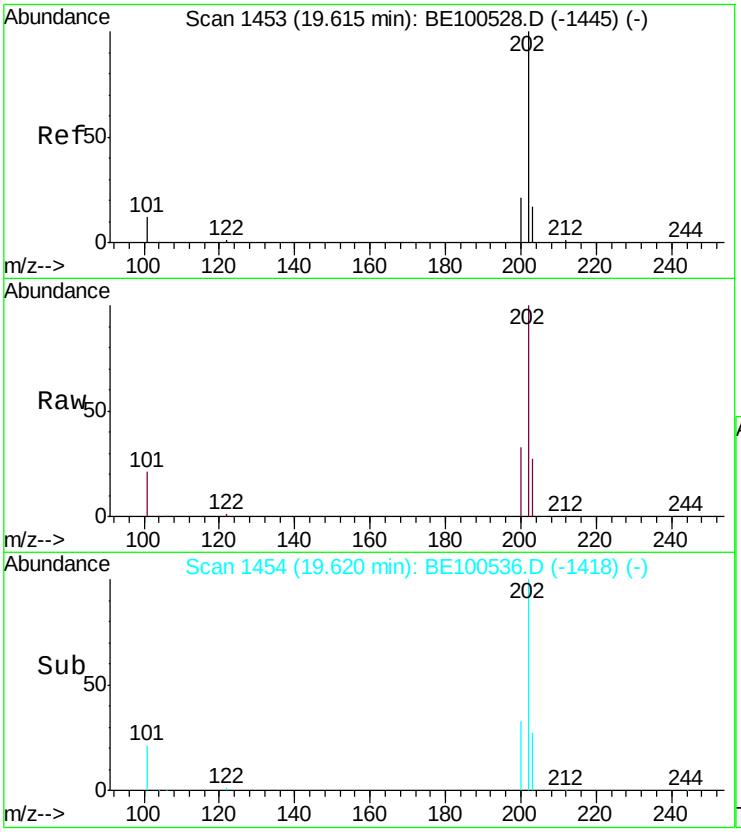


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:240 Resp: 61085

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.5	6.7
236	26.0	20.6	30.8

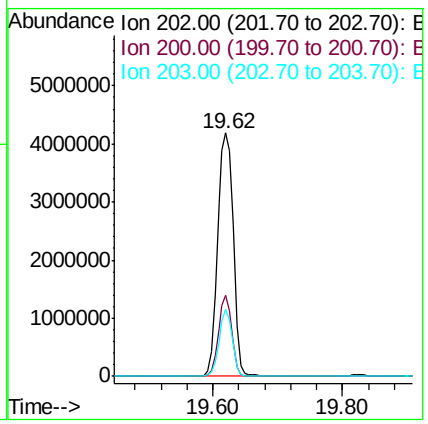


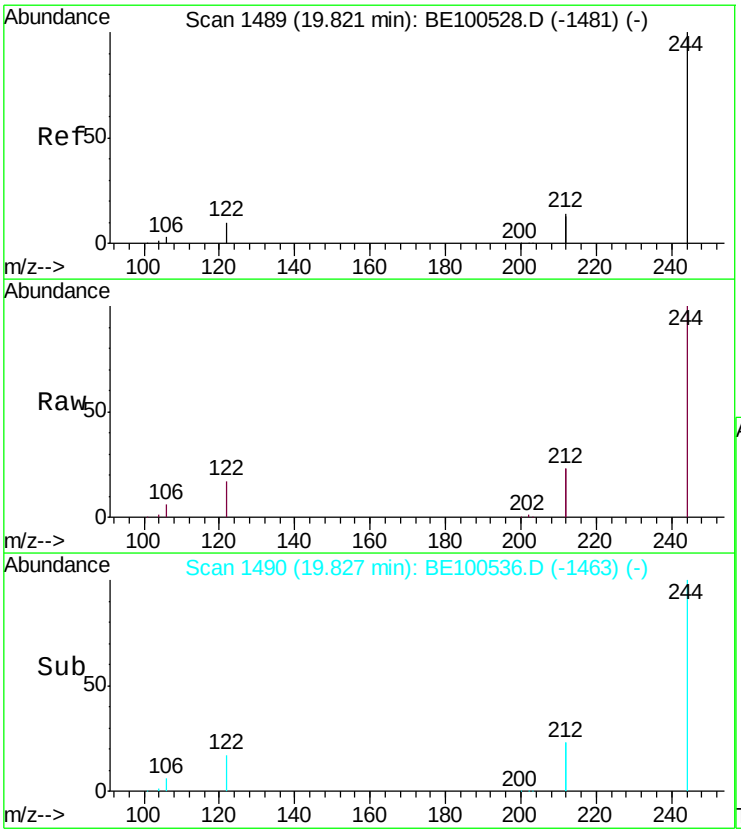


#28
Pyrene
Concen: 40.693 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:202 Resp: 7152226

Ion	Ratio	Lower	Upper
202	100		
200	28.3	16.6	25.0#
203	23.3	14.0	21.0#

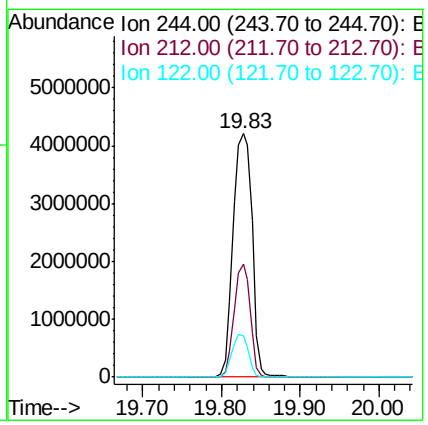


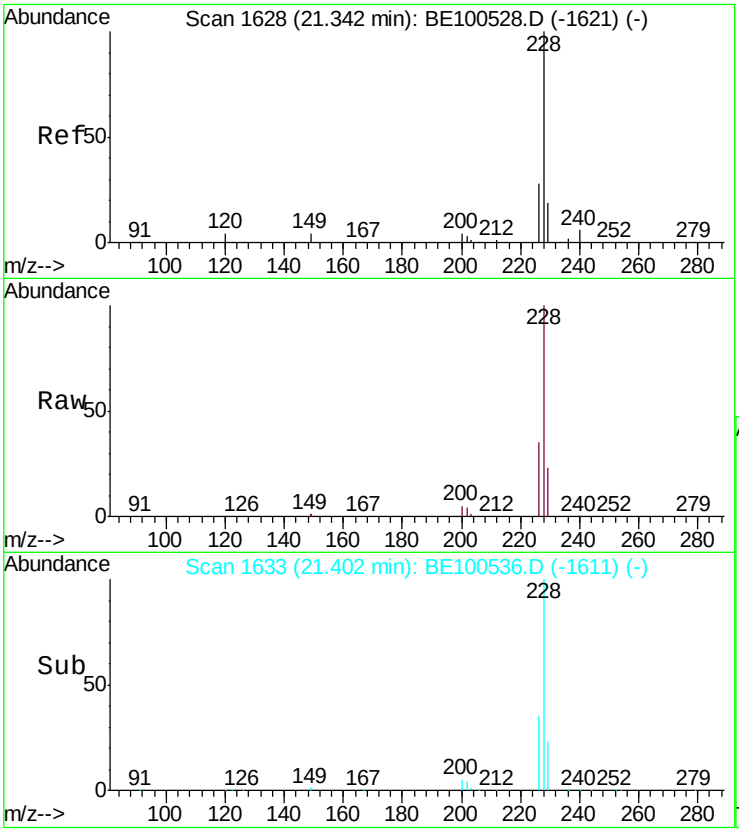


#29
Terphenyl-d14
Concen: 49.546 ng
RT: 19.83 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:244 Resp: 7167945

Ion	Ratio	Lower	Upper
244	100		
212	46.7	22.2	33.2#
122	17.1	8.3	12.5#

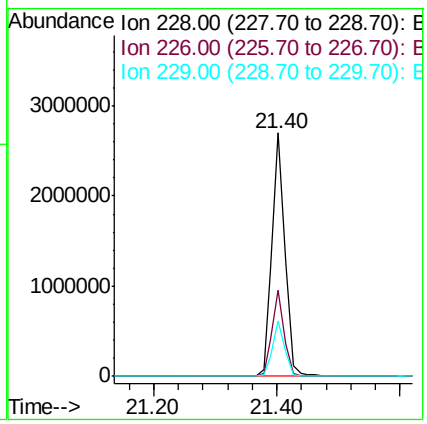


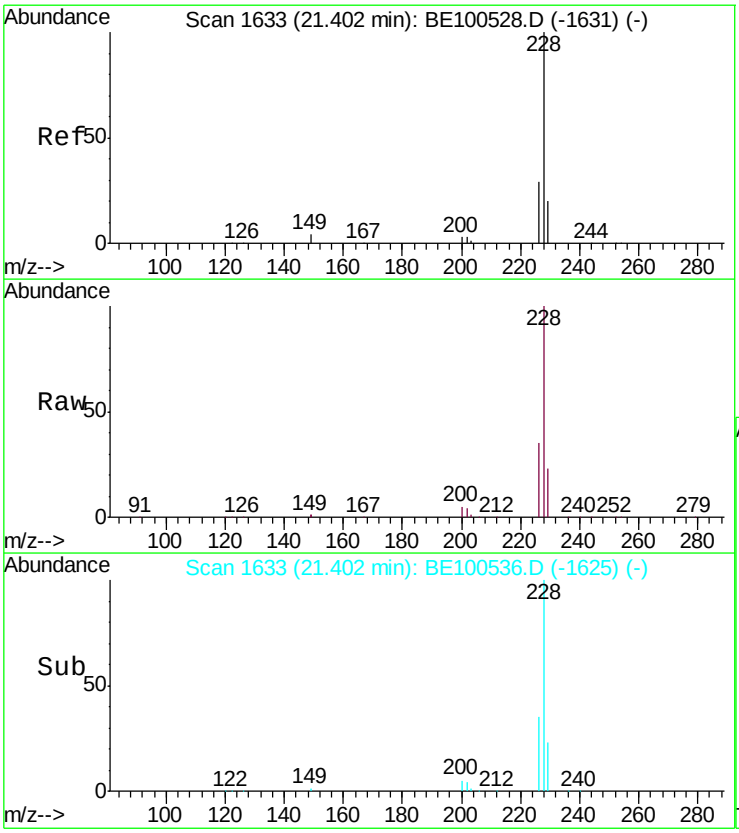


#30
Benzo(a)anthracene
Concen: 24.187 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.06 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:228 Resp: 3946126

Ion	Ratio	Lower	Upper
228	100		
226	35.4	22.5	33.7#
229	22.7	15.4	23.2

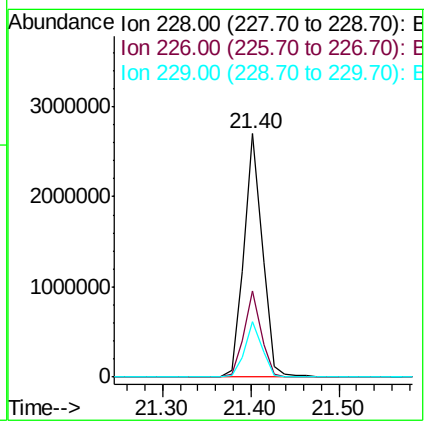


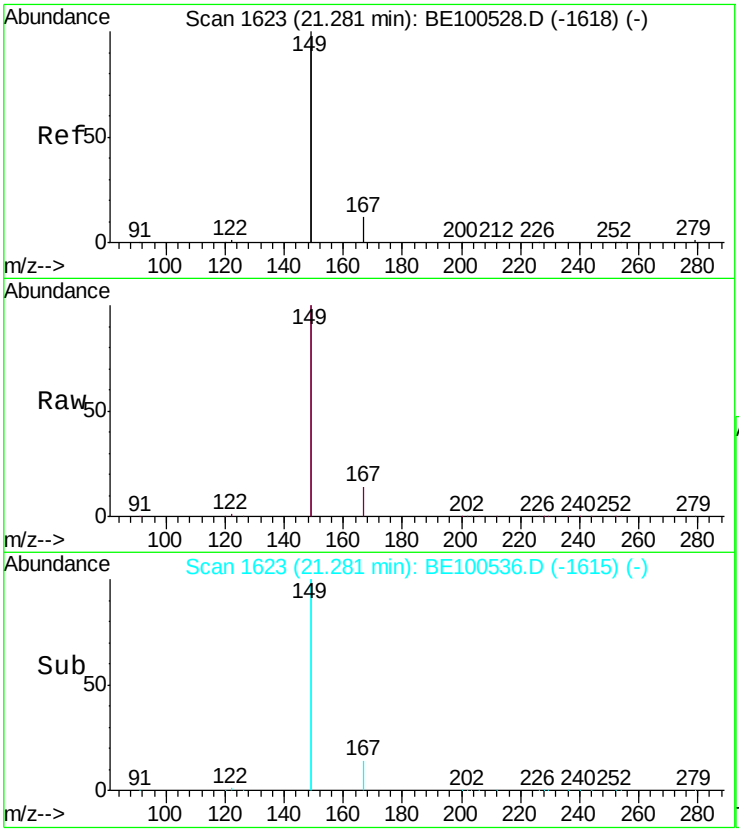


#31
Chrysene
Concen: 21.223 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:228 Resp: 3945160

Ion	Ratio	Lower	Upper
228	100		
226	35.4	23.3	34.9#
229	22.7	16.3	24.5

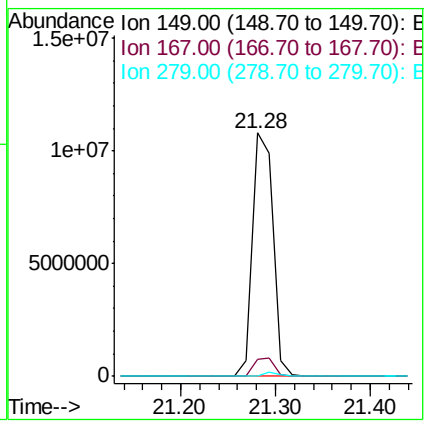


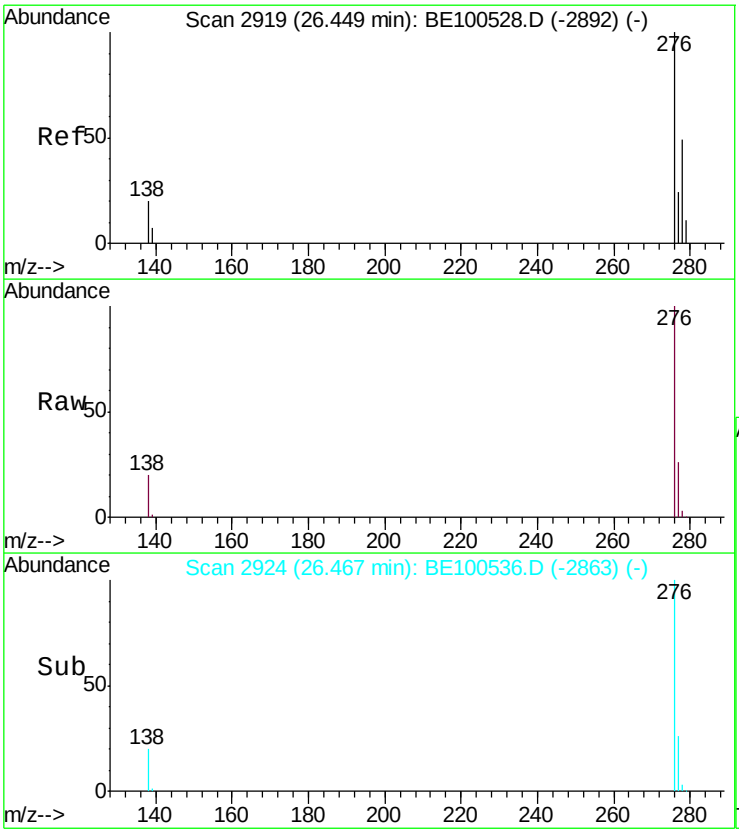


#32
Bis(2-ethylhexyl)phthalate
Concen: 91.766 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:149 Resp:16136919

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.2	7.8
279	1.2	1.0	1.4

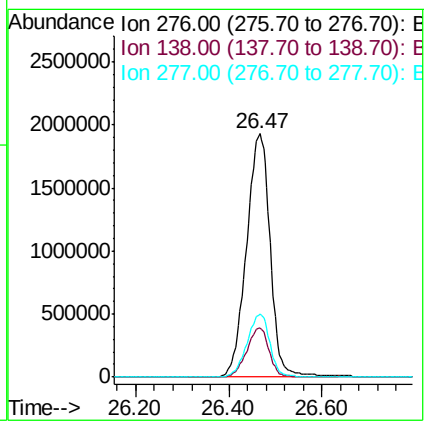


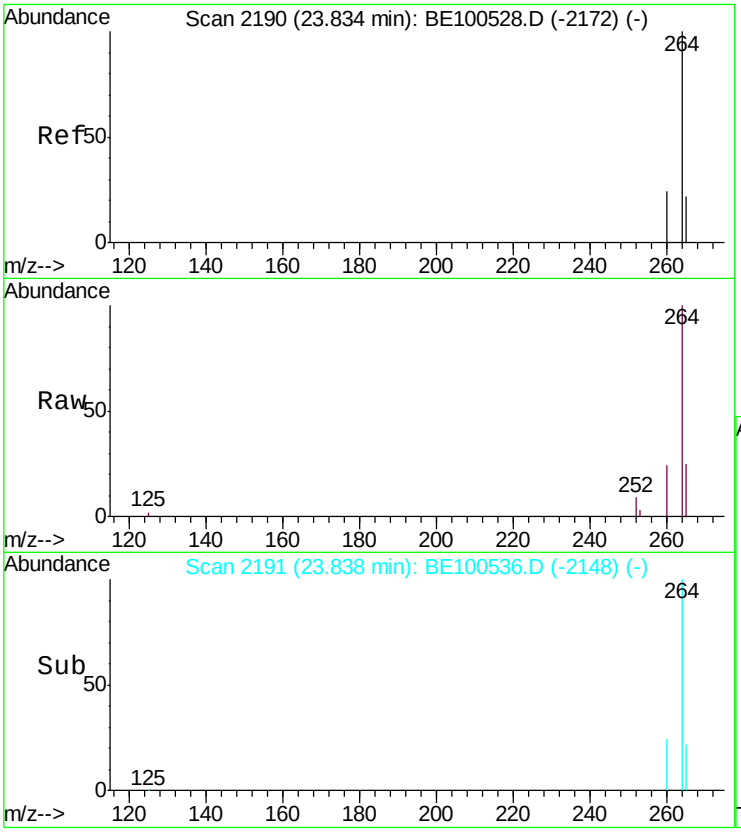


#33
Indeno(1,2,3-cd)pyrene
Concen: 32.994 ng
RT: 26.47 min Scan# 2924
Delta R.T. 0.02 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:276 Resp: 6818993

Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.7	26.5
277	25.2	19.9	29.9

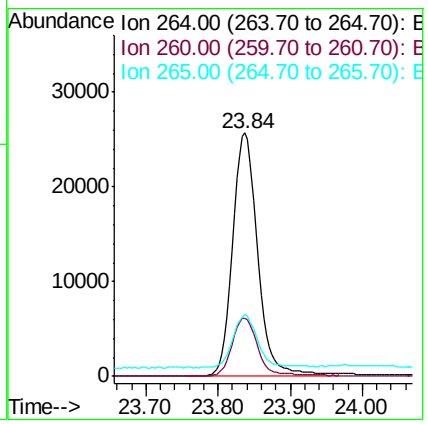


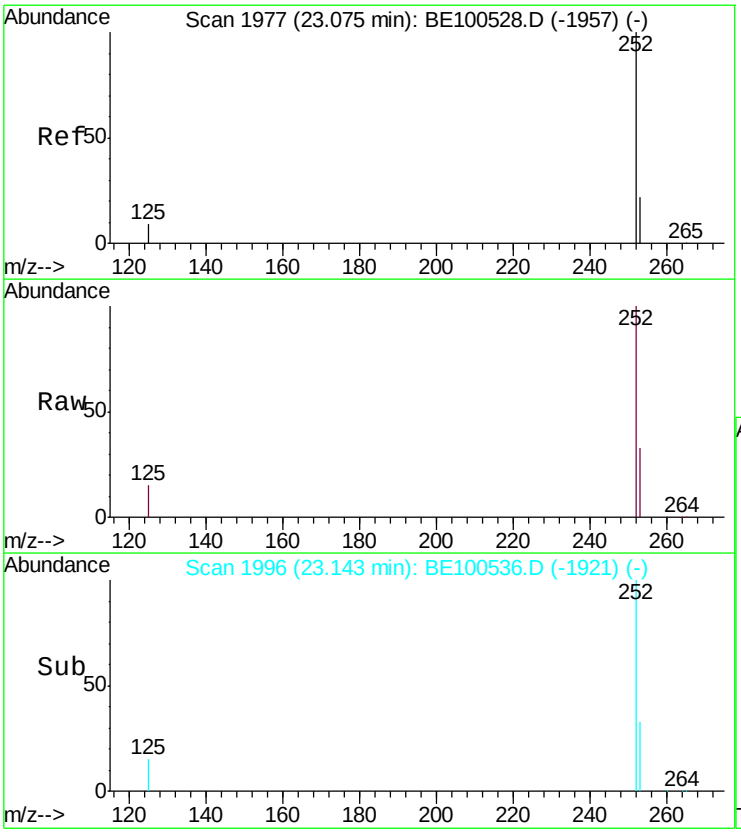


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:264 Resp: 59987

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	25.2	21.8	32.8

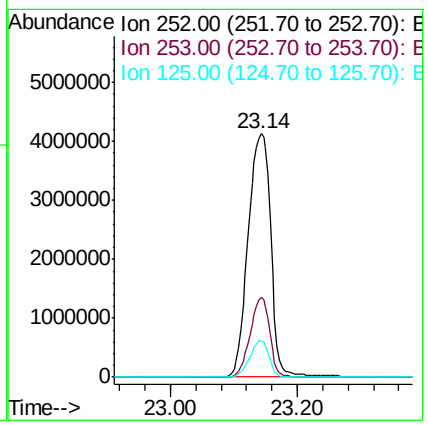


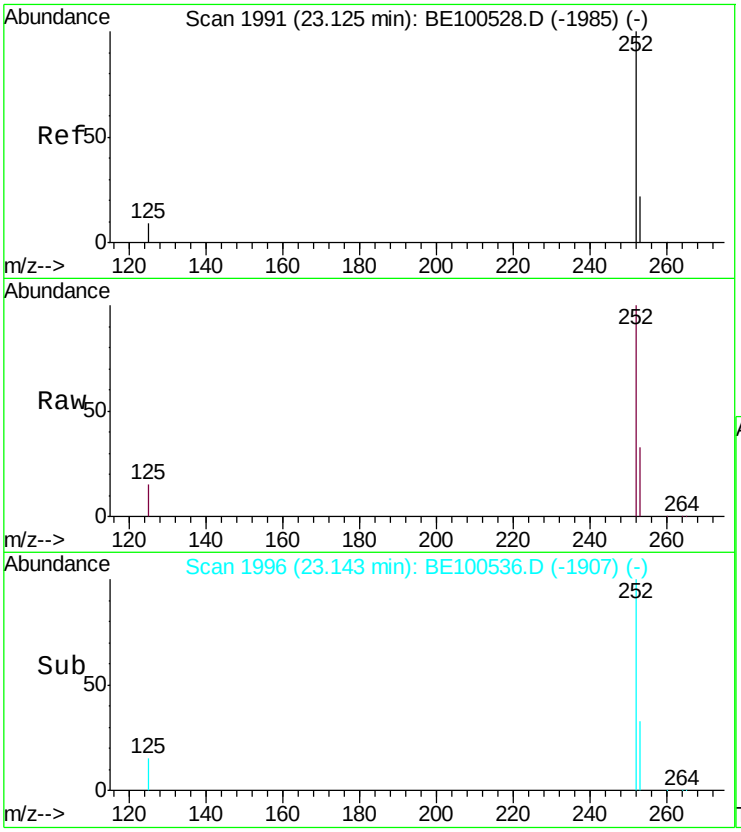


#35
Benzo(b)fluoranthene
Concen: 63.033 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.07 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:252 Resp:10230623

Ion	Ratio	Lower	Upper
252	100		
253	32.9	18.1	27.1#
125	15.0	8.0	12.0#

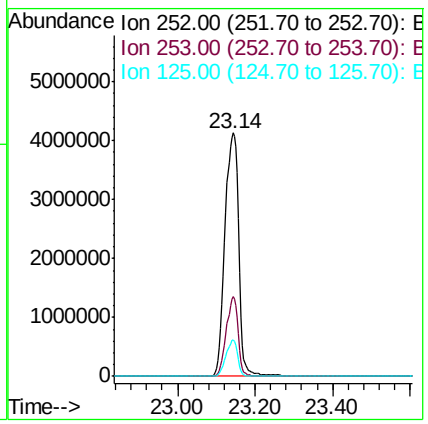


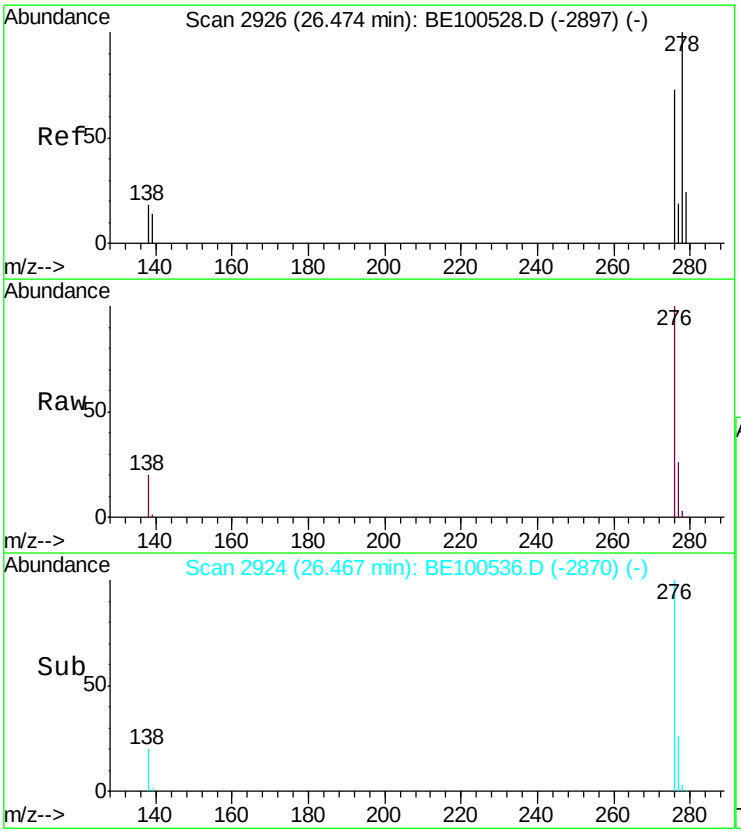


#36
Benzo(k)fluoranthene
Concen: 54.983 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.02 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:252 Resp:10325562

Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.9	26.9#
125	15.0	8.5	12.7#

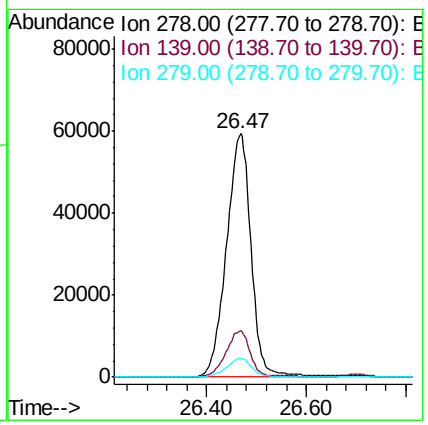


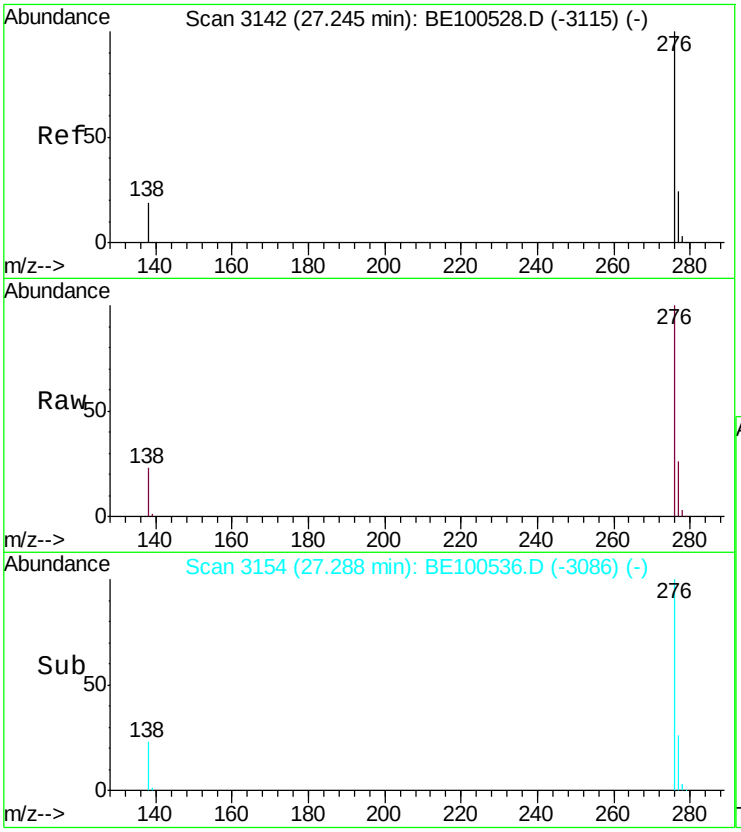


#38
Dibenzo(a,h)anthracene
Concen: 1.285 ng
RT: 26.47 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:278 Resp: 202608

Ion	Ratio	Lower	Upper
278	100		
139	19.1	11.6	17.4#
279	7.6	19.7	29.5#





#39
Benzo(g,h,i)perylene
Concen: 54.868 ng
RT: 27.29 min Scan# 3154
Delta R.T. 0.04 min
Lab File: BE100536.D
Acq: 23 Sep 2019 11:25

Tgt Ion:276 Resp: 9038076

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.2	28.8
138	22.7	15.7	23.5