Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092319\
Data File : BE100544.D
Acq On : 23 Sep 2019 18:07
Operator : HP/JU
Sample : K4883-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 23 18:44:52 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	6564	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	27826	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	15059	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	29908	0.40	ng	0.00
27) Chrysene-d12	21.37	240	41357	0.40	ng	0.00
34) Perylene-d12	23.83	264	49068	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	3260	0.21	ng	0.00
5) Phenol-d6	7.01	99	2597	0.12	ng	-0.01
8) Nitrobenzene-d5	9.00	82	7365	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	20032	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1120	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	24505	0.46	ng	0.00
25) Fluoranthene-d10	19.22	212	176978	0.50	ng	0.00
29) Terphenyl-d14	19.82	244	48907	0.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	1680	0.177	ng	# 78
3) n-Nitrosodimethylamine	3.66	42	1059	0.191	ng	# 95
6) bis(2-Chloroethyl)ether	7.28	93	8830	0.415	ng	86
9) Naphthalene	10.69	128	130145	0.451	ng	100
10) Hexachlorobutadiene	10.99	225	3589	0.389	ng	98
12) 2-Methylnaphthalene	12.31	142	19647	0.428	ng	99
16) Acenaphthylene	14.20	152	26987	0.435	ng	99
17) Acenaphthene	14.54	154	18200	0.435	ng	98
18) Fluorene	15.52	166	21585	0.412	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	6013	0.428	ng	99
21) Hexachlorobenzene	16.52	284	4644	0.379	ng	99
22) Pentachlorophenol	16.85	266	3070	1.135	ng	92
23) Phenanthrene	17.24	178	36268	0.435	ng	100
24) Anthracene	17.34	178	31422	0.448	ng	100
26) Fluoranthene	19.25	202	46985	0.468	ng	99
28) Pyrene	19.61	202	49859	0.419	ng	99
30) Benzo(a)anthracene	21.34	228	55576	0.503	ng	99
31) Chrysene	21.40	228	54482	0.433	ng	100
32) Bis(2-ethylhexyl)phthalate	21.28	149	116867	0.982	ng	100
33) Indeno(1,2,3-cd)pyrene	26.45	276	62156	0.444	ng	99
35) Benzo(b)fluoranthene	23.08	252	57722	0.435	ng	98
36) Benzo(k)fluoranthene	23.08	252	57722	0.376	ng	99
37) Benzo(a)pyrene	23.72	252	56933	0.460	ng	99
38) Dibenzo(a,h)anthracene	26.47	278	51079	0.396	ng	99
39) Benzo(g,h,i)perylene	27.25	276	55674	0.413	ng	99

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

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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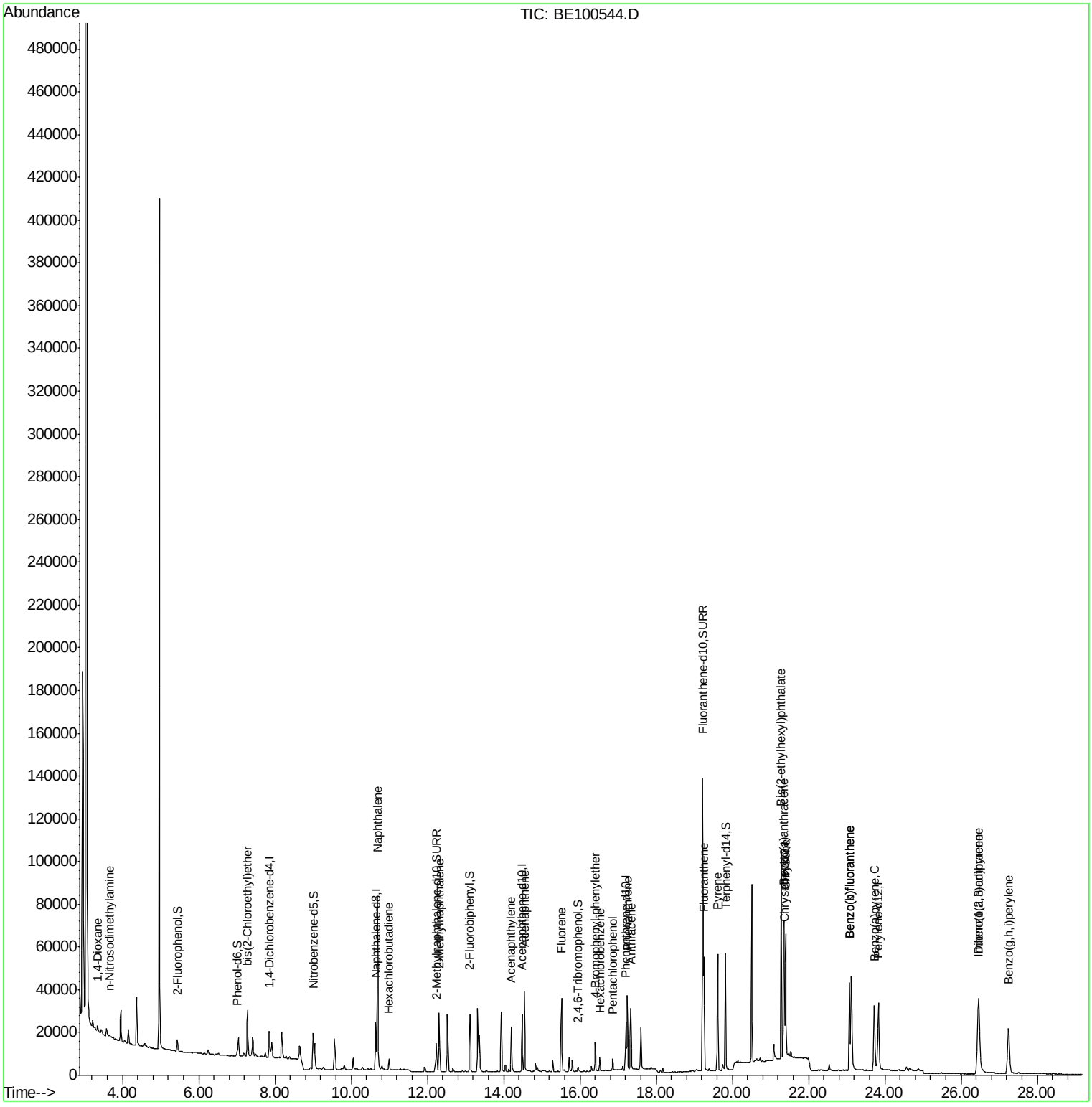
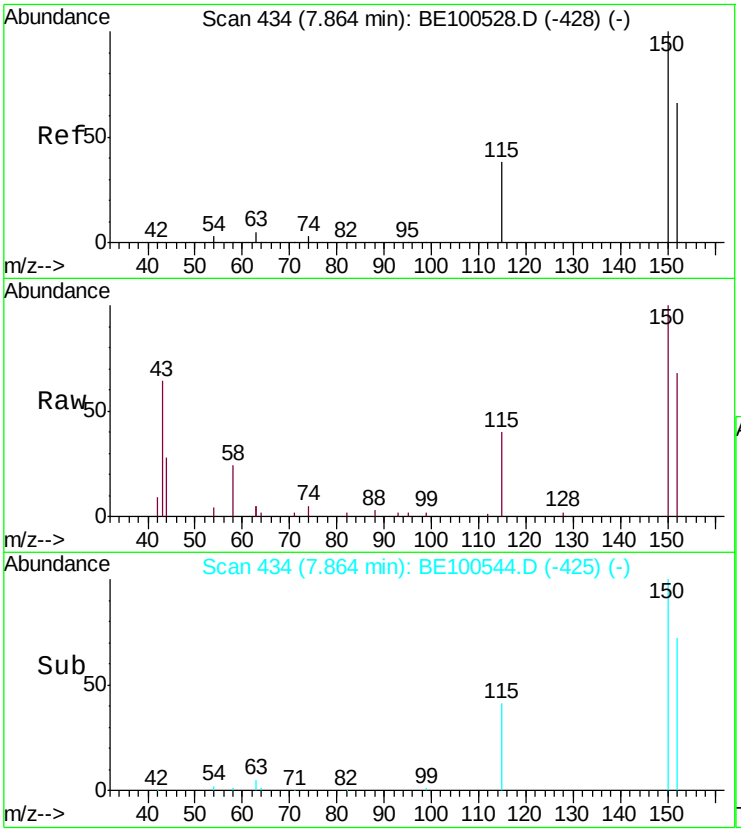
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

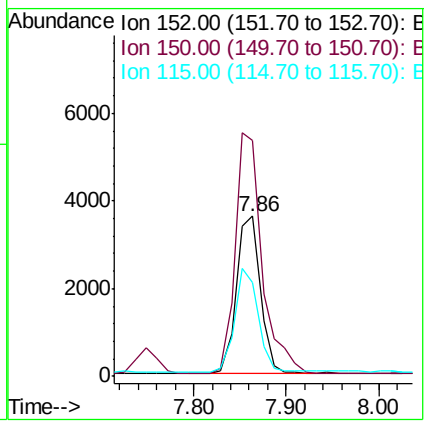


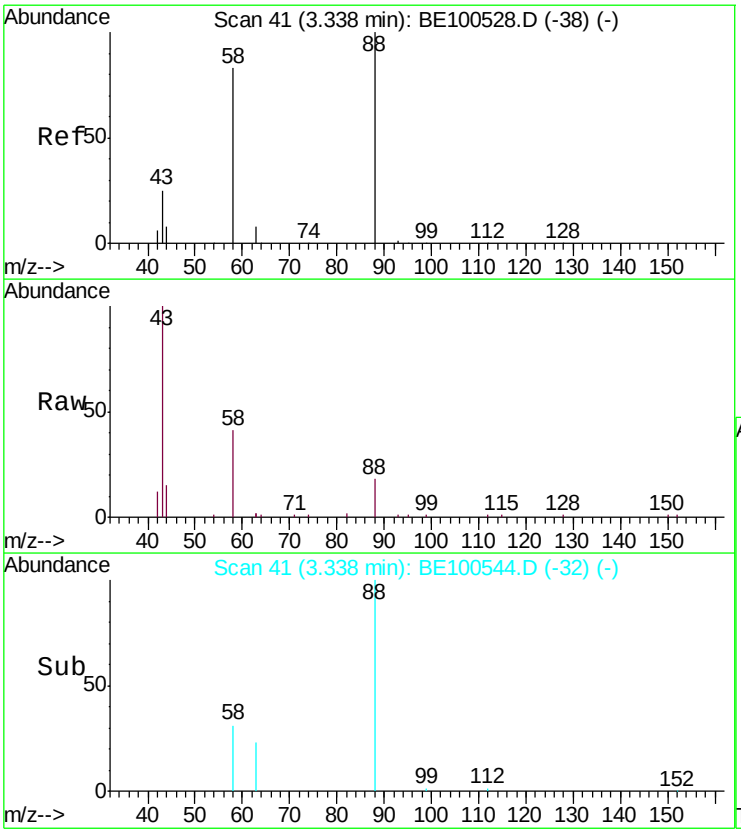


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:152 Resp: 6564

Ion	Ratio	Lower	Upper
152	100		
150	147.0	121.6	182.4
115	58.8	48.2	72.4

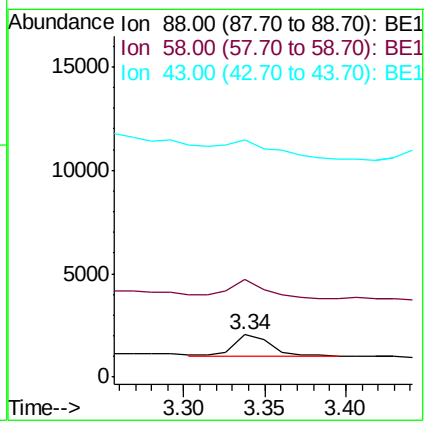


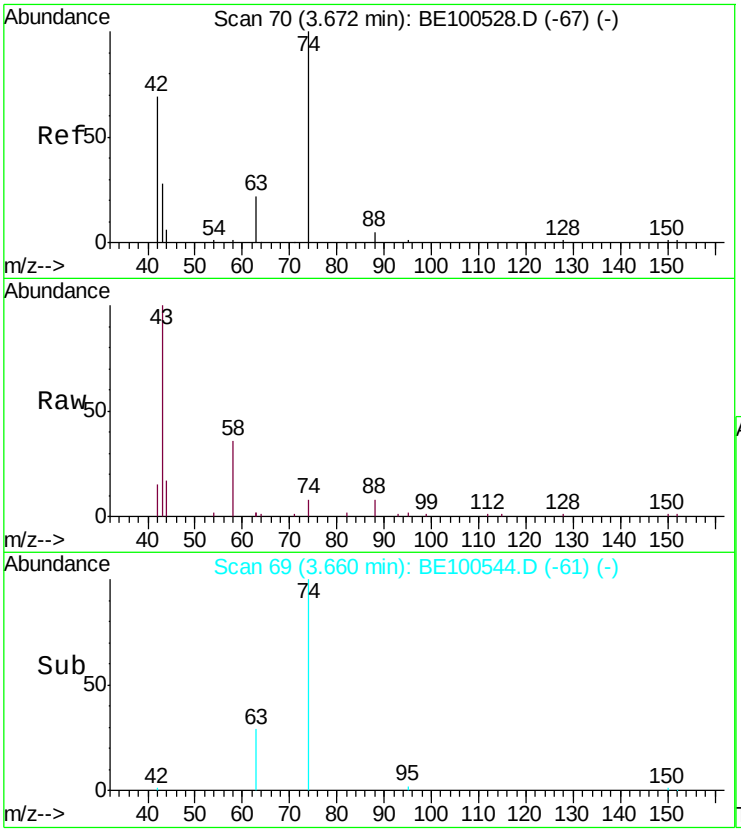


#2
1,4-Dioxane
Concen: 0.177 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion: 88 Resp: 1680

Ion	Ratio	Lower	Upper
88	100		
58	78.2	53.3	79.9
43	0.0	16.9	25.3#

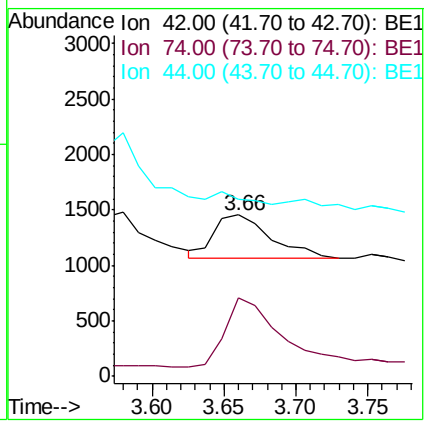


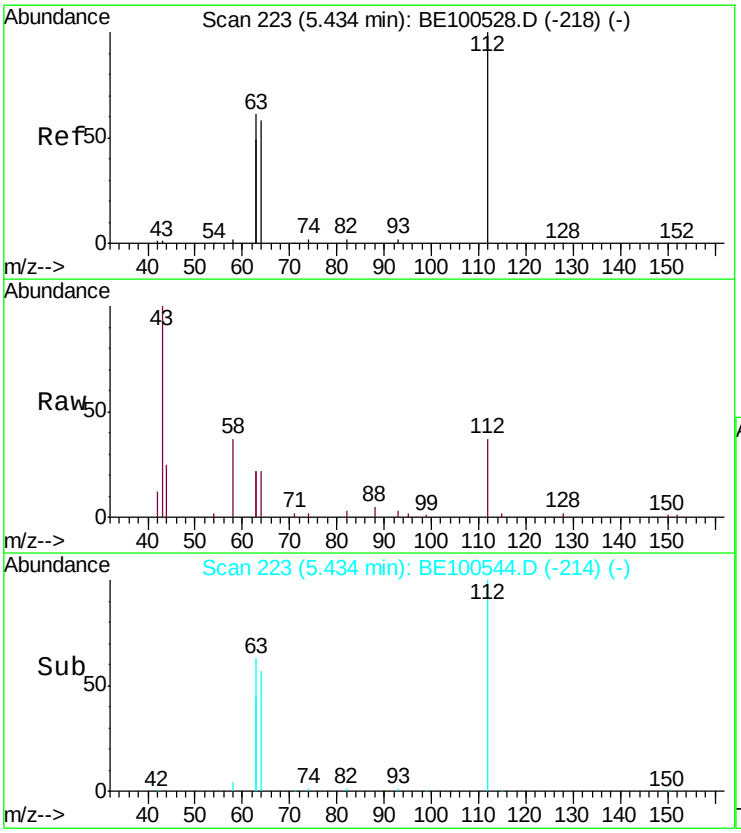


#3
n-Nitrosodimethylamine
Concen: 0.191 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion: 42 Resp: 1059

Ion	Ratio	Lower	Upper
42	100		
74	161.6	133.8	200.6
44	0.0	6.4	9.6#

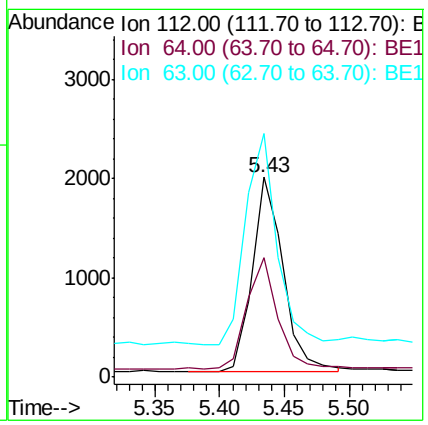


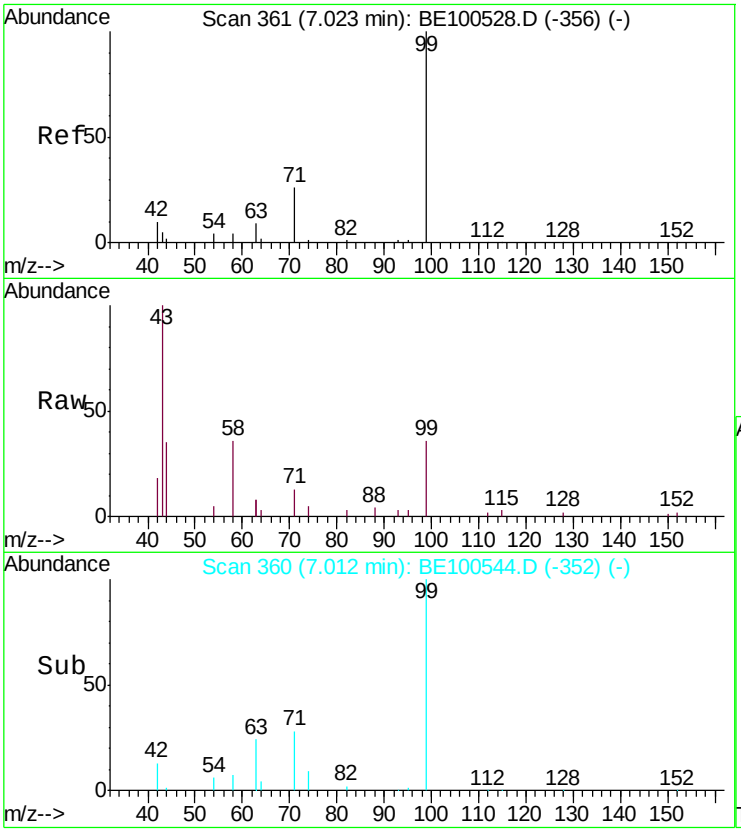


#4
2-Fluorophenol
Concen: 0.212 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:112 Resp: 3260

Ion	Ratio	Lower	Upper
112	100		
64	56.6	44.1	66.1
63	109.7	86.5	129.7

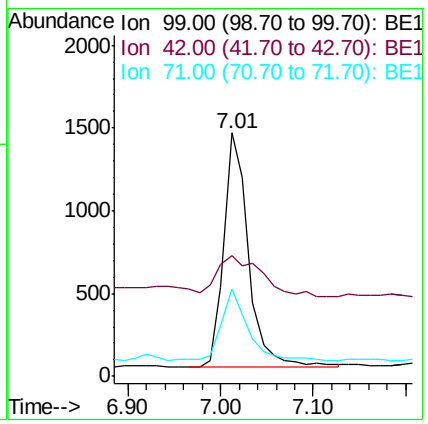


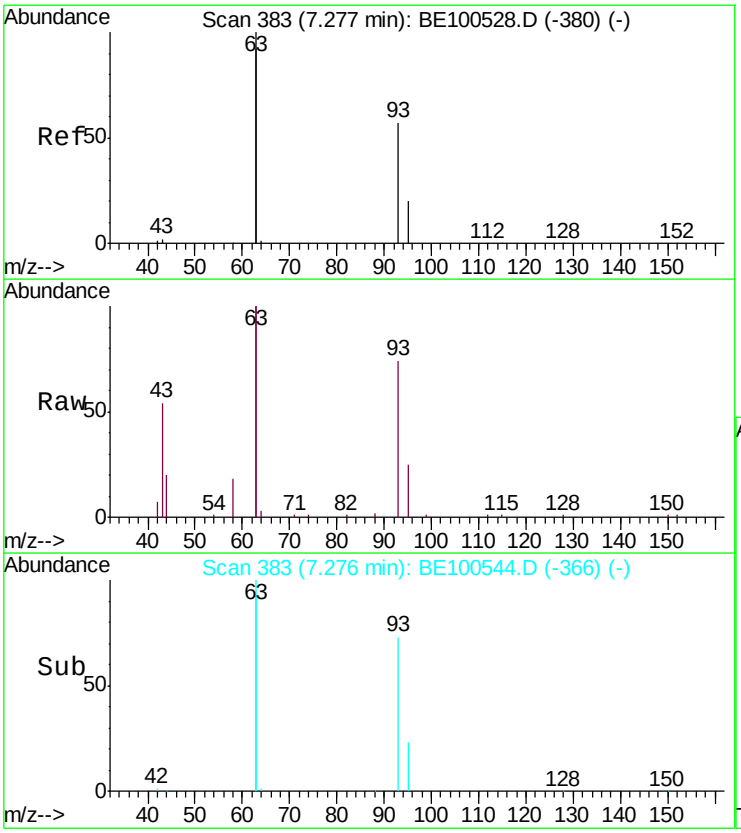


#5
Phenol-d6
Concen: 0.123 ng
RT: 7.01 min Scan# 360
Delta R.T. -0.01 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion: 99 Resp: 2597

Ion	Ratio	Lower	Upper
99	100		
42	31.2	13.0	19.6#
71	32.8	23.4	35.0

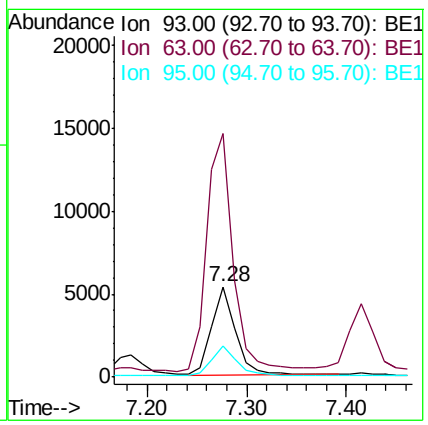


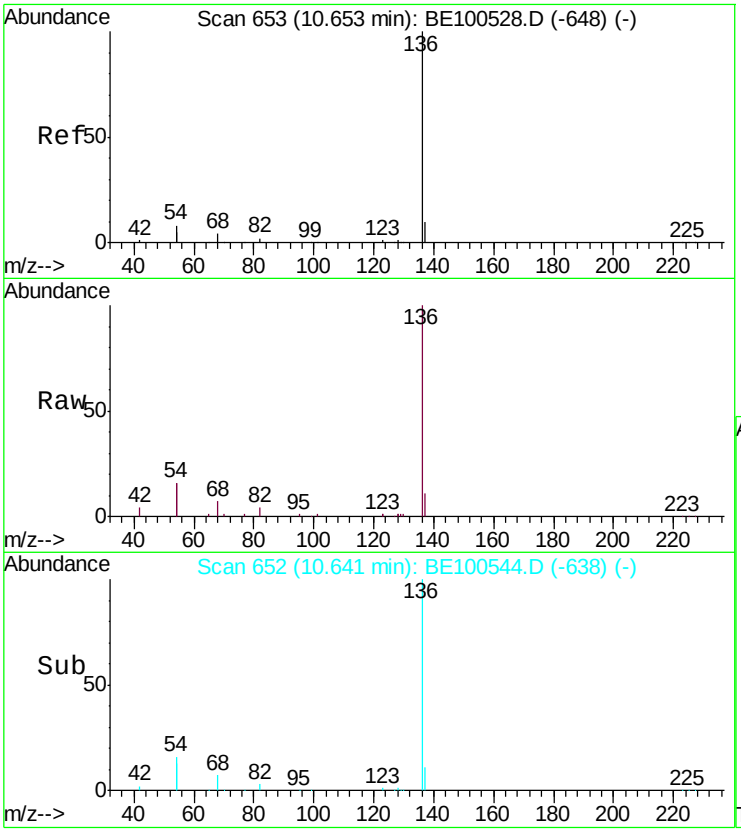


#6
bis(2-Chloroethyl)ether
Concen: 0.415 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion: 93 Resp: 8830

Ion	Ratio	Lower	Upper
93	100		
63	294.4	213.4	320.0
95	33.4	23.7	35.5

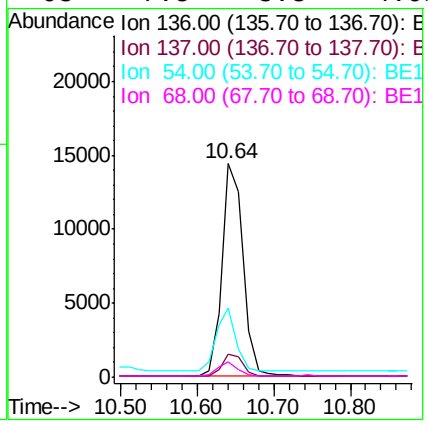


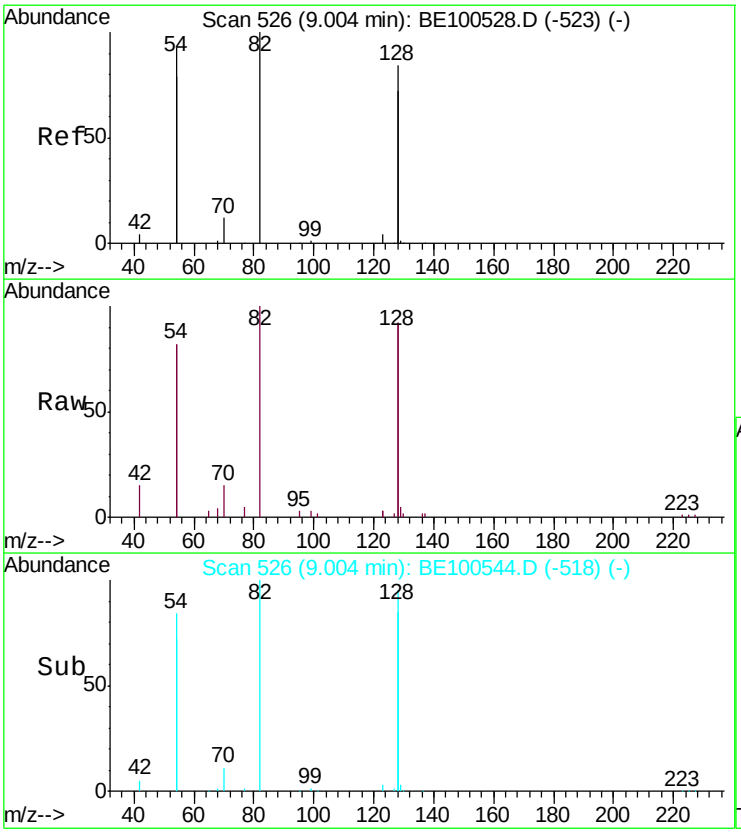


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:136 Resp: 27826

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	32.2	12.4	18.6#
68	7.5	3.3	4.9#

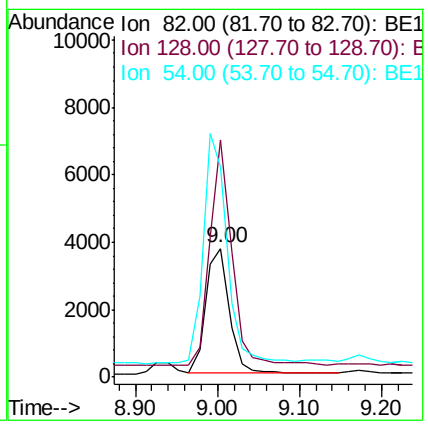


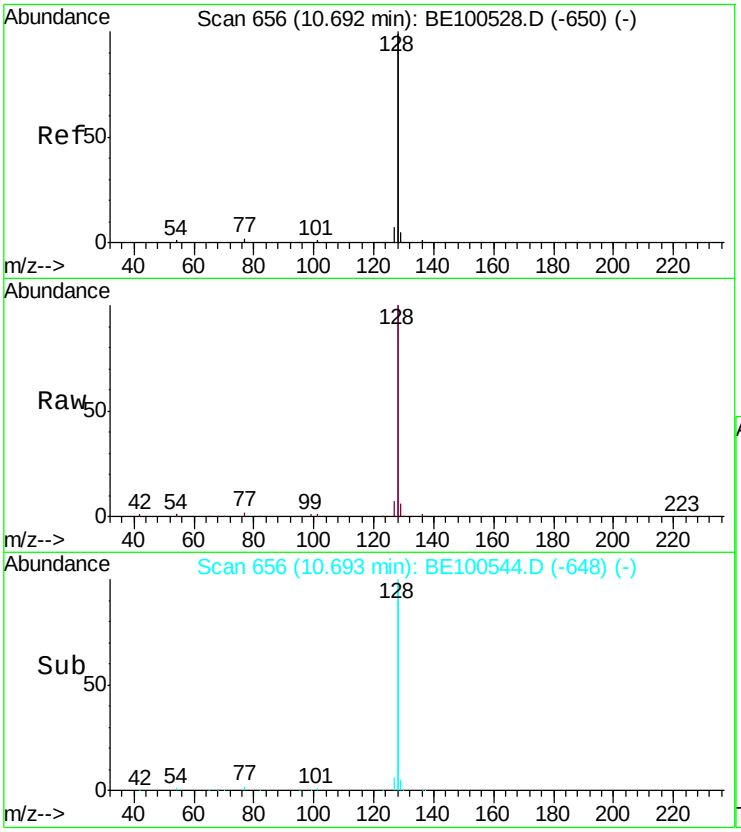


#8
Nitrobenzene-d5
Concen: 0.459 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion: 82 Resp: 7365

Ion	Ratio	Lower	Upper
82	100		
128	184.8	129.4	194.2
54	163.2	143.3	214.9

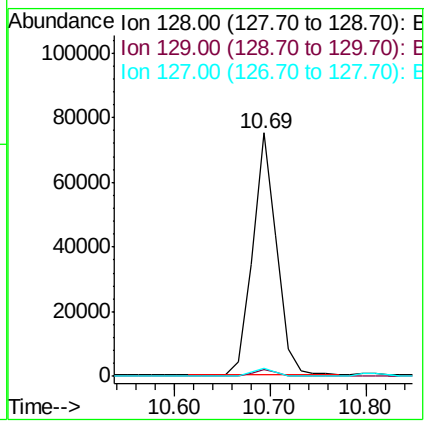


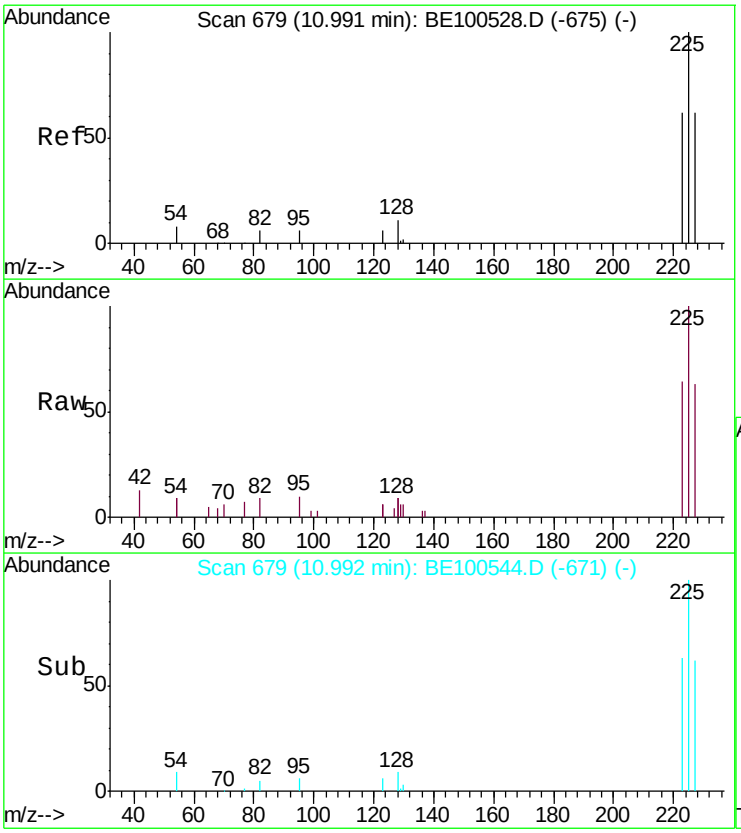


#9
Naphthalene
Concen: 0.451 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:128 Resp: 130145

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.3	2.7	4.1

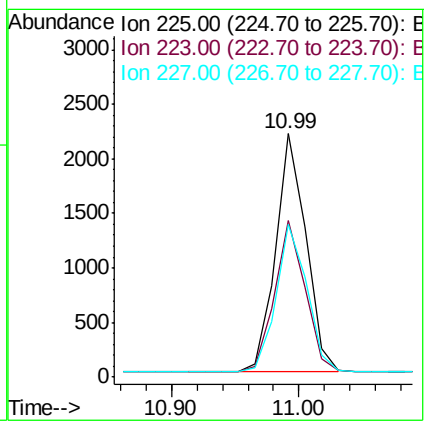


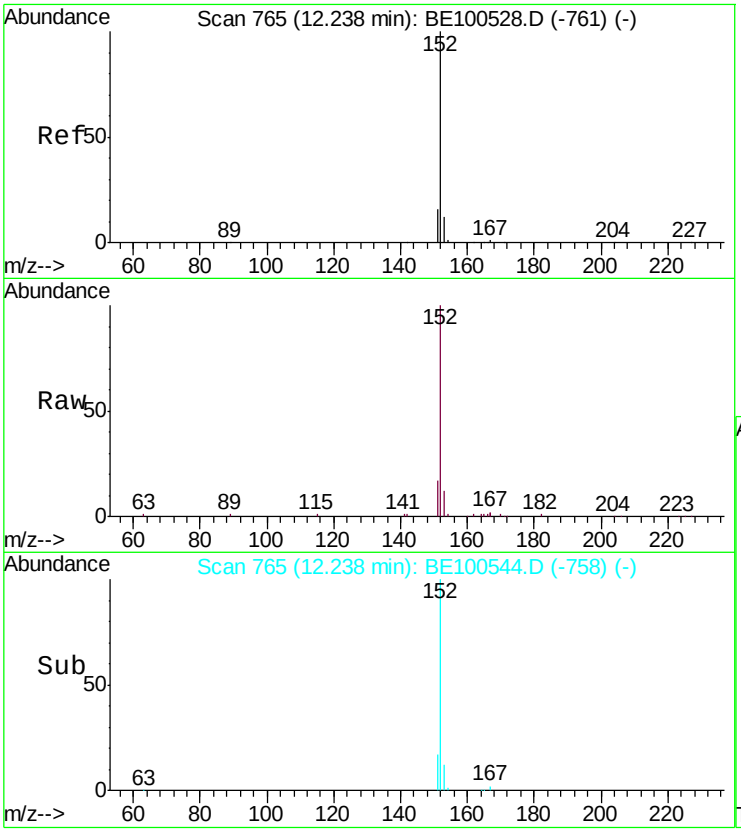


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:225 Resp: 3589

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	63.2	51.4	77.2

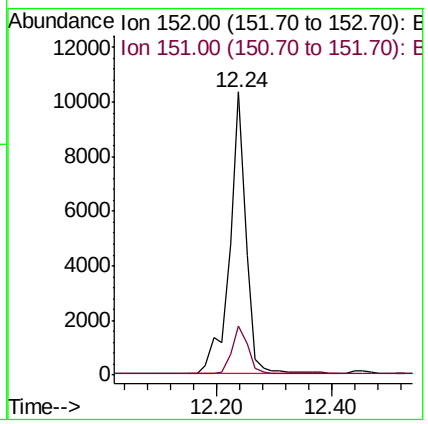


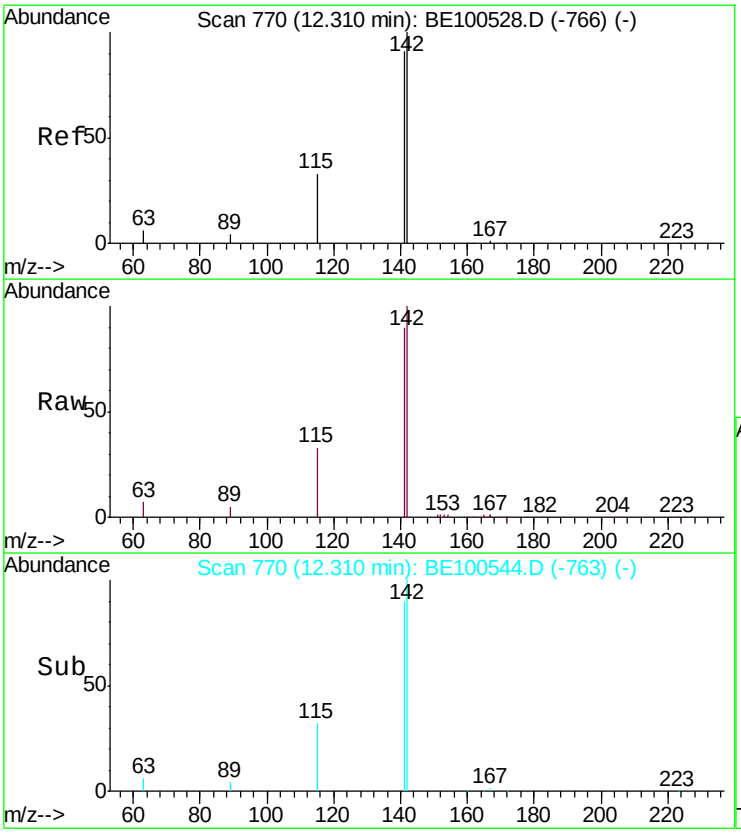


#11
2-Methylnaphthalene-d10
Concen: 0.481 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:152 Resp: 20032

Ion	Ratio	Lower	Upper
152	100		
151	17.0	15.3	22.9

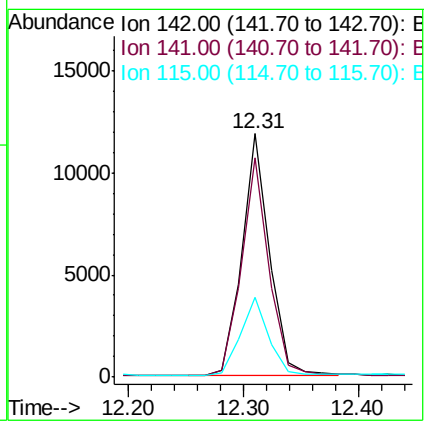


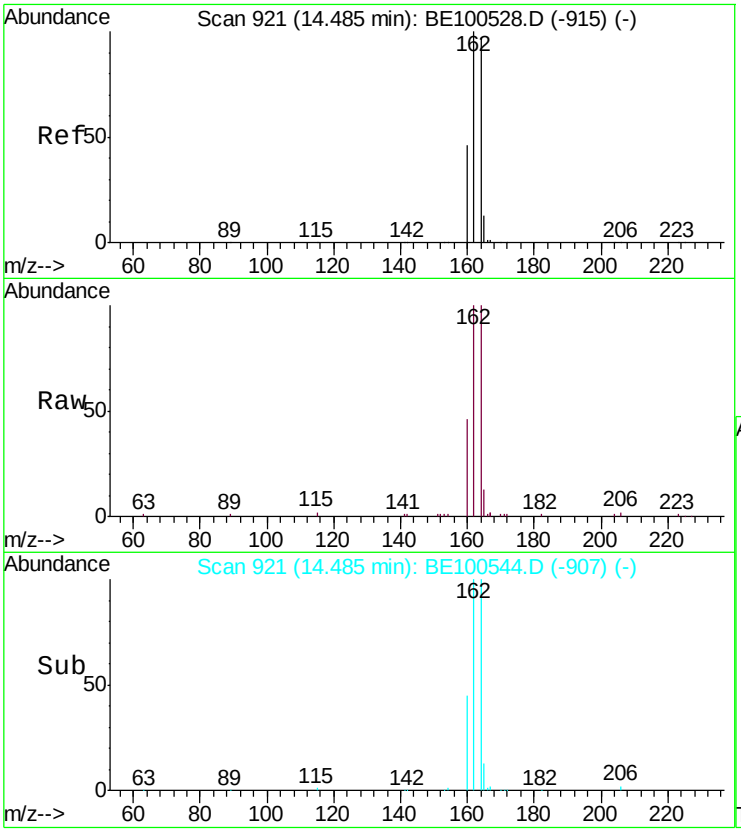


#12
2-Methylnaphthalene
Concen: 0.428 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:142 Resp: 19647

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.5	108.7
115	32.7	27.2	40.8

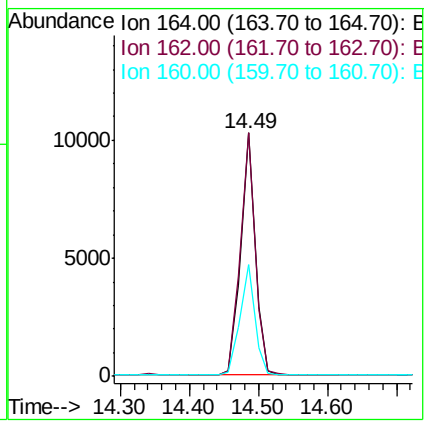


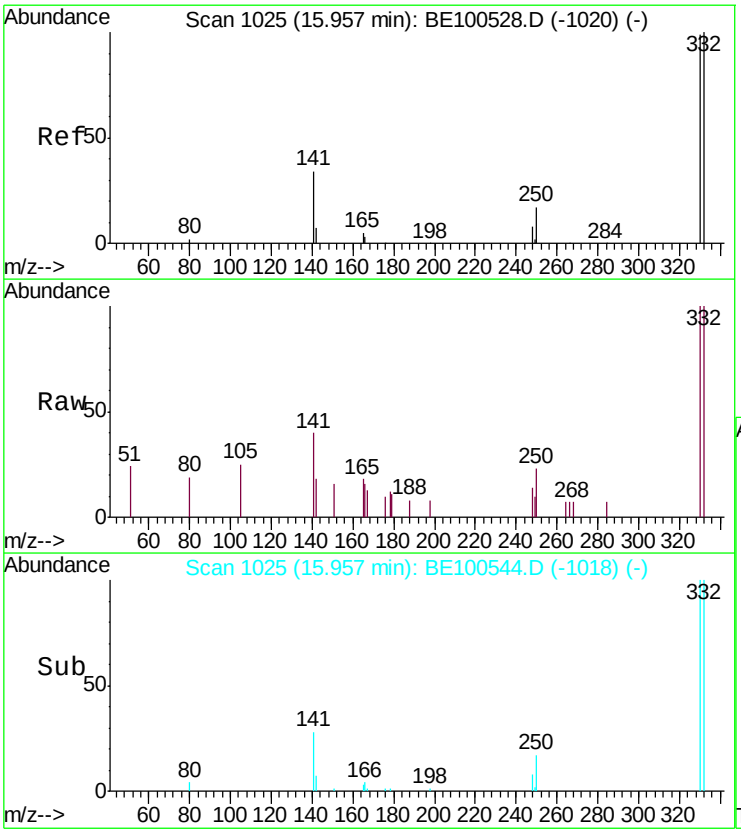


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:164 Resp: 15059

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.1	123.1
160	45.7	37.6	56.4

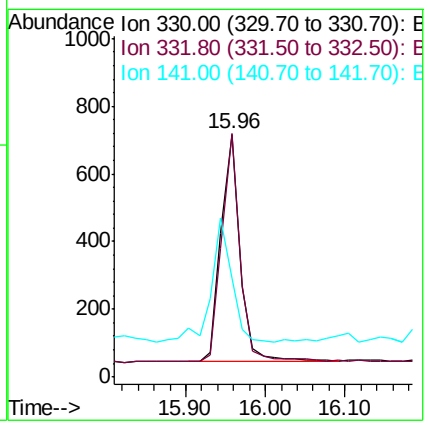


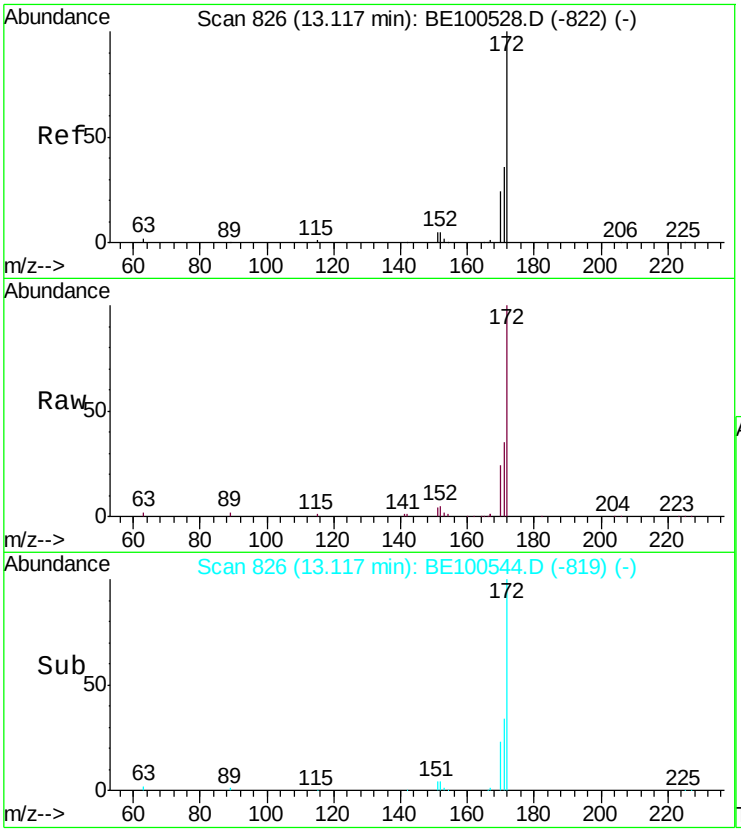


#14
2,4,6-Tribromophenol
Concen: 0.460 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:330 Resp: 1120

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.5	113.3
141	57.0	42.3	63.5

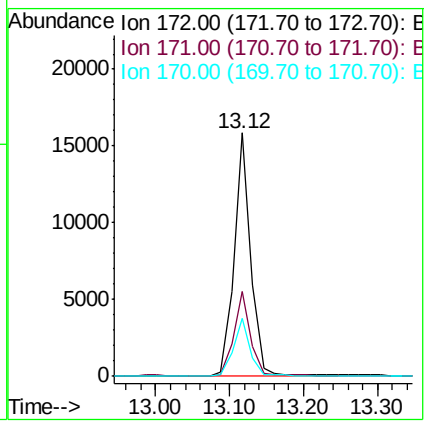


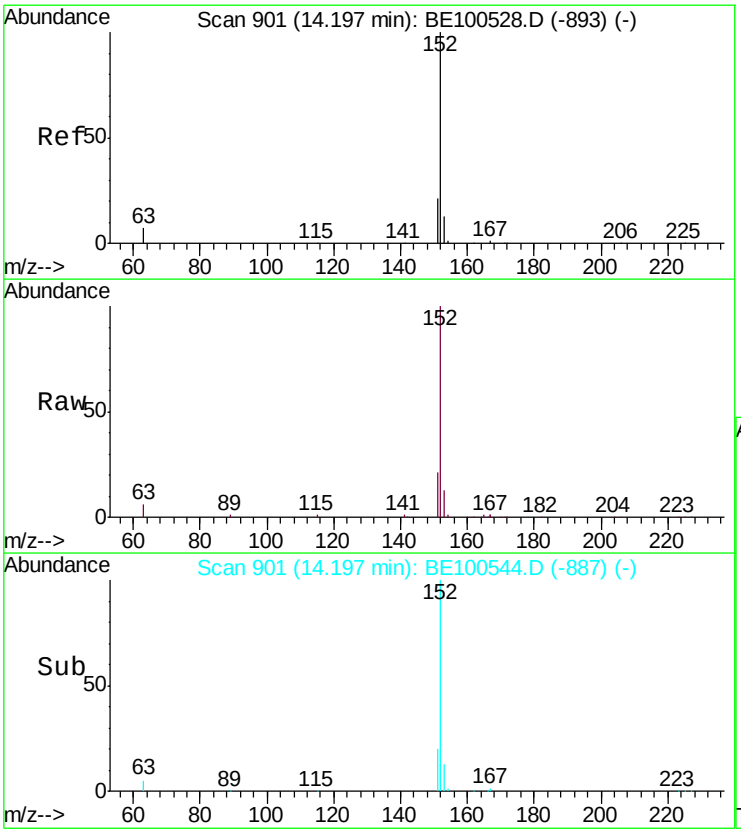


#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:172 Resp: 24505

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.8	43.2
170	23.7	19.4	29.0

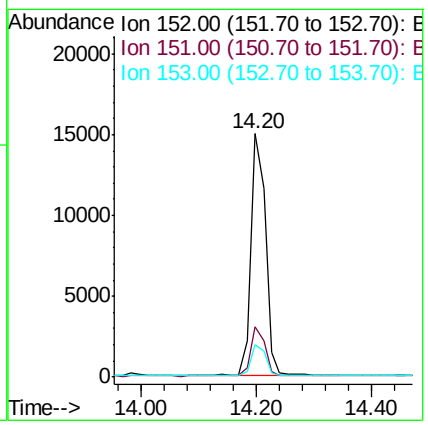


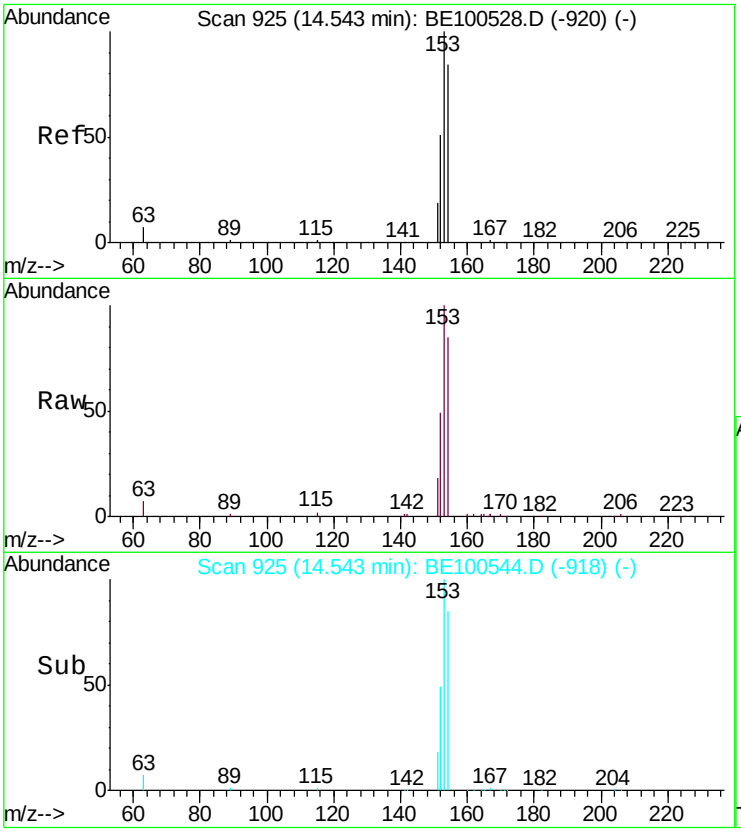


#16
Acenaphthylene
Concen: 0.435 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:152 Resp: 26987

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.0	10.7	16.1

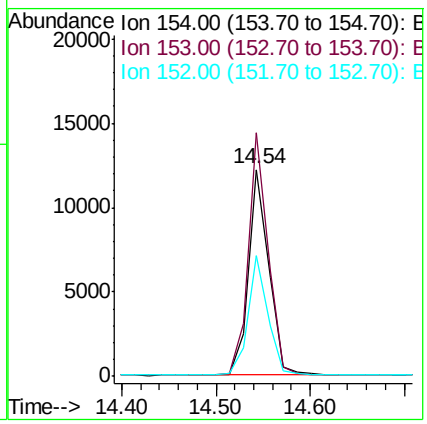


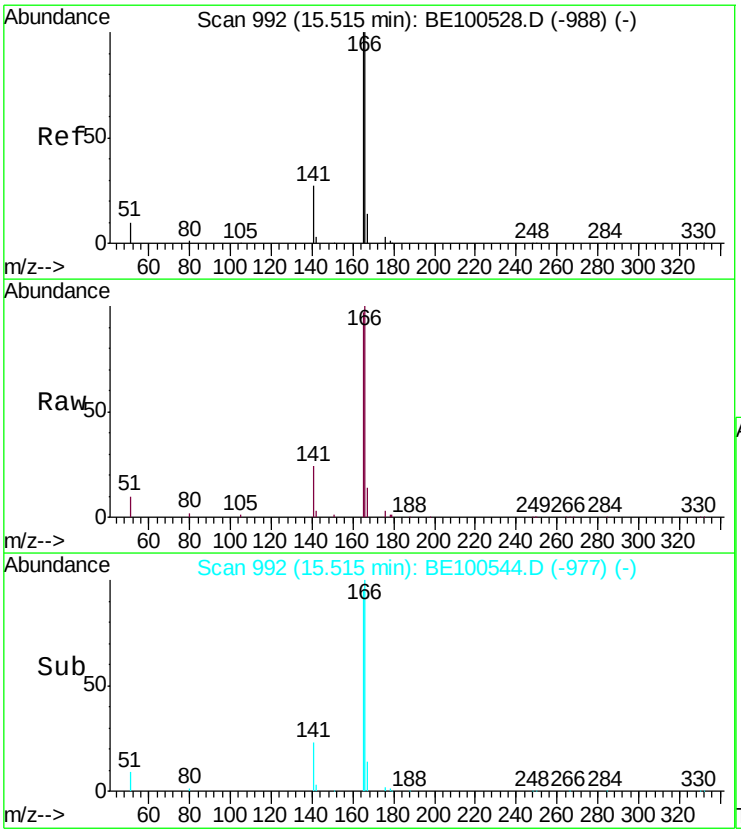


#17
Acenaphthene
Concen: 0.435 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:154 Resp: 18200

Ion	Ratio	Lower	Upper
154	100		
153	115.2	93.7	140.5
152	56.7	47.3	70.9

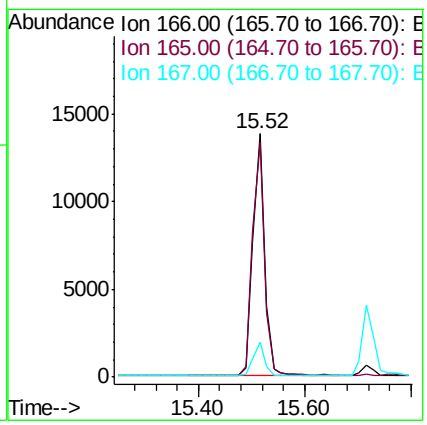


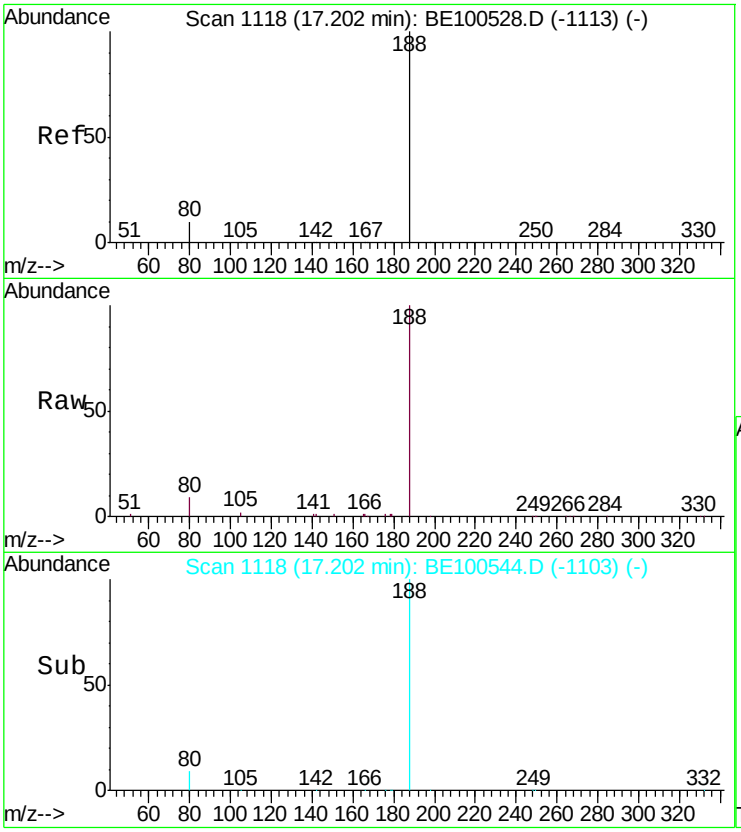


#18
Fluorene
Concen: 0.412 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:166 Resp: 21585

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.1	120.1
167	13.5	10.9	16.3

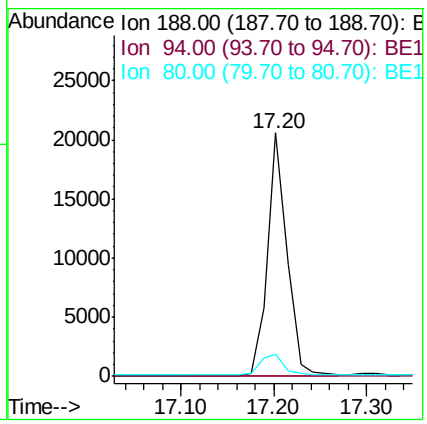


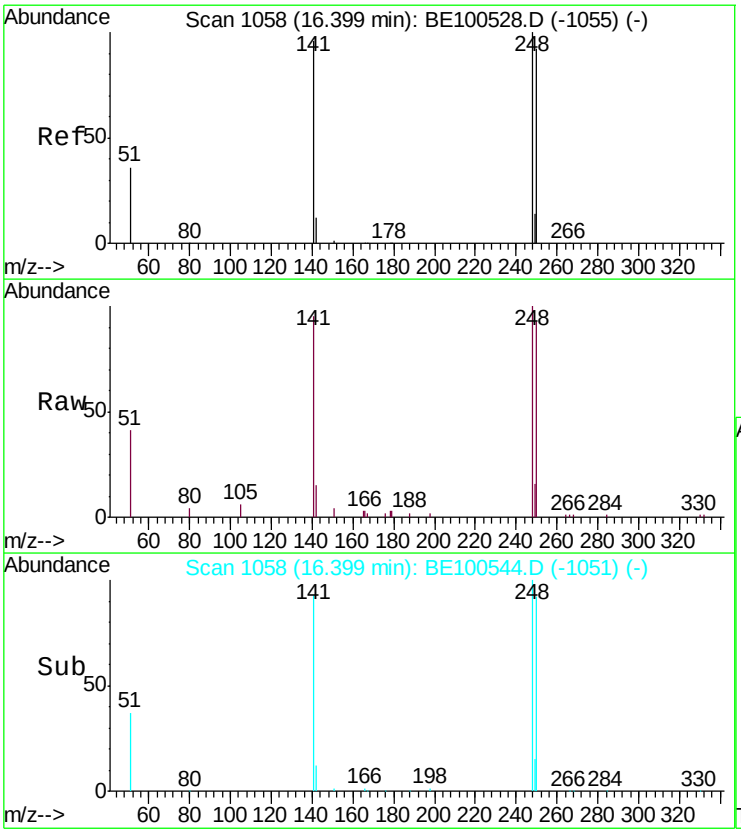


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:188 Resp: 29908

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	8.0	12.0

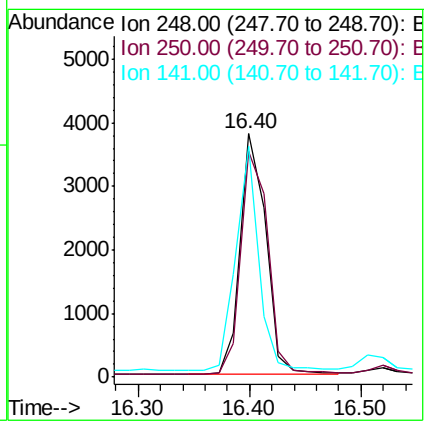


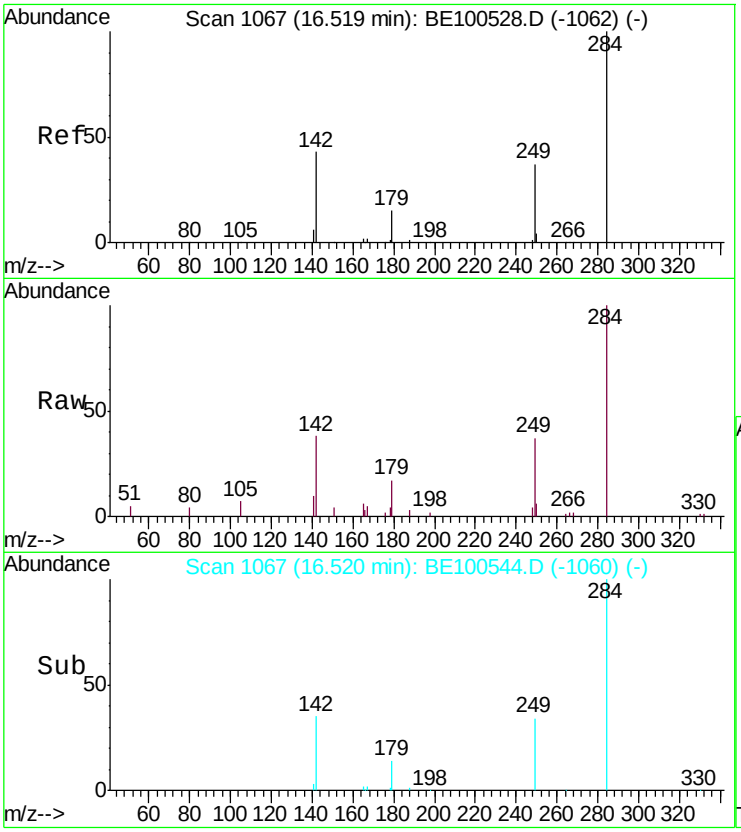


#20
4-Bromophenyl-phenylether
Concen: 0.428 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:248 Resp: 6013

Ion	Ratio	Lower	Upper
248	100		
250	92.5	73.5	110.3
141	94.5	77.0	115.4

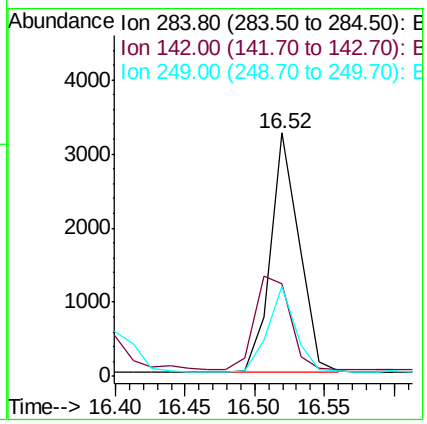


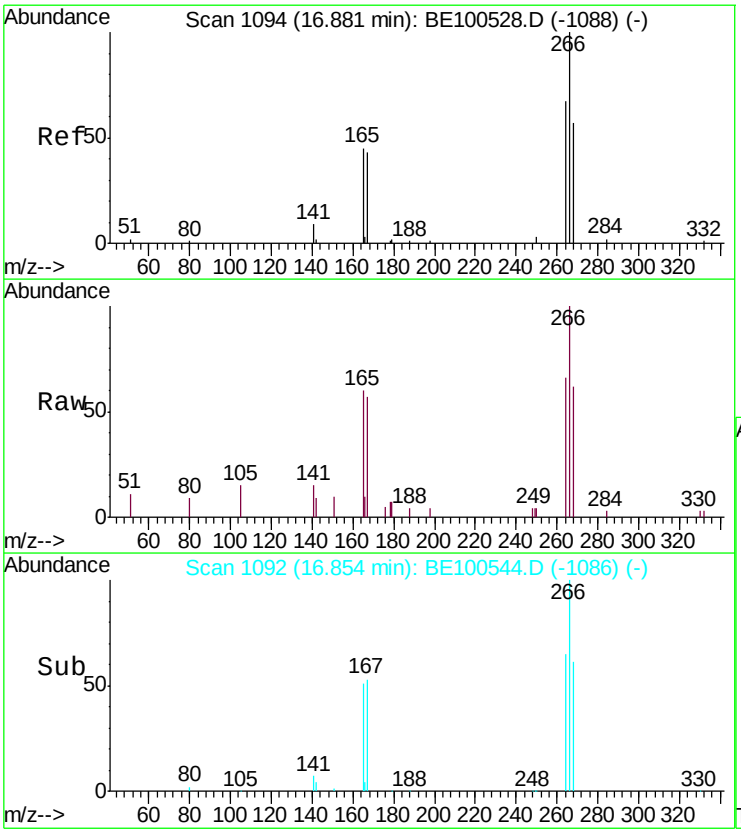


#21
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:284 Resp: 4644

Ion	Ratio	Lower	Upper
284	100		
142	48.2	39.0	58.6
249	34.4	28.2	42.2

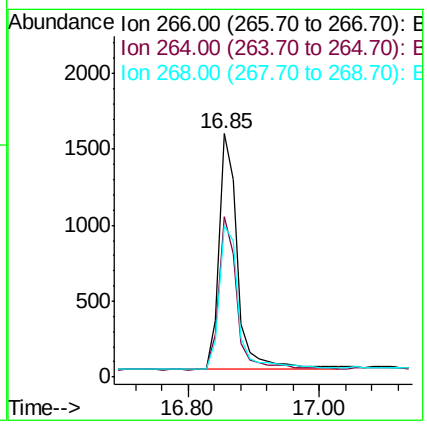


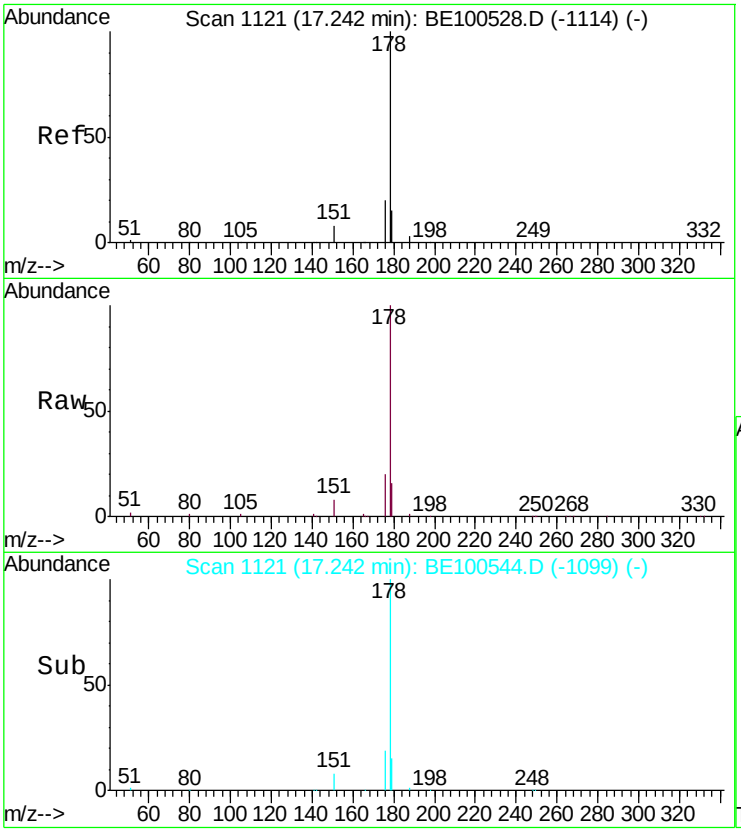


#22
Pentachlorophenol
Concen: 1.135 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.03 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:266 Resp: 3070

Ion	Ratio	Lower	Upper
266	100		
264	65.8	57.6	86.4
268	62.0	55.1	82.7

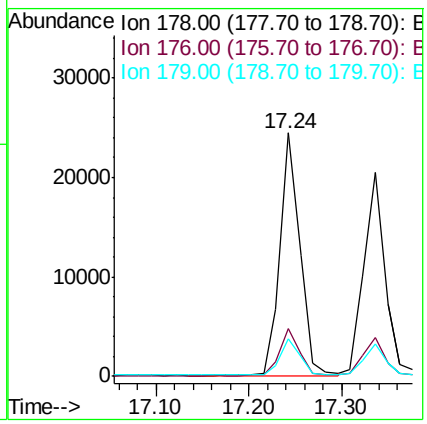


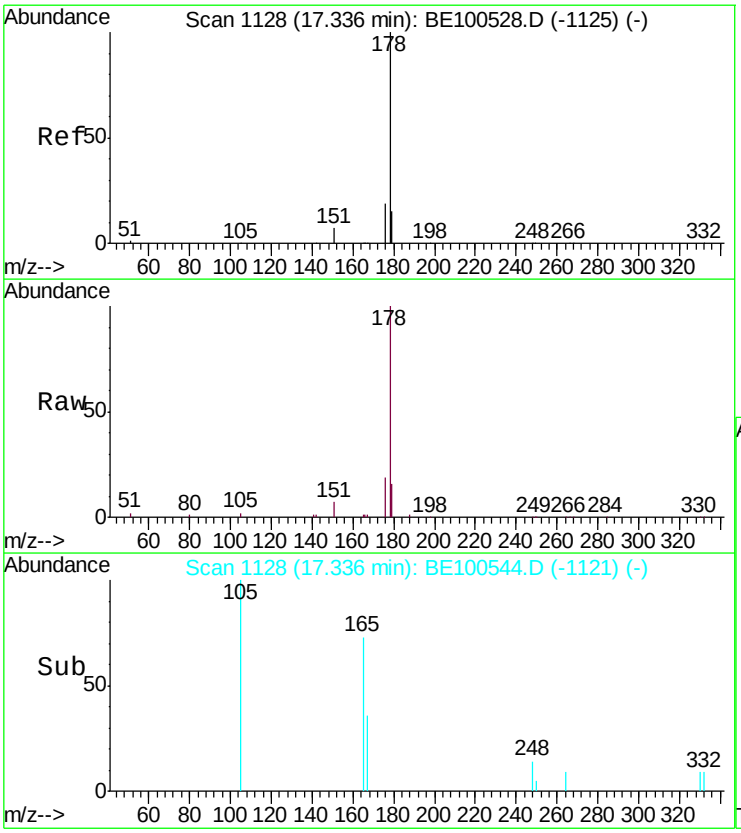


#23
Phenanthrene
Concen: 0.435 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:178 Resp: 36268

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	18.8

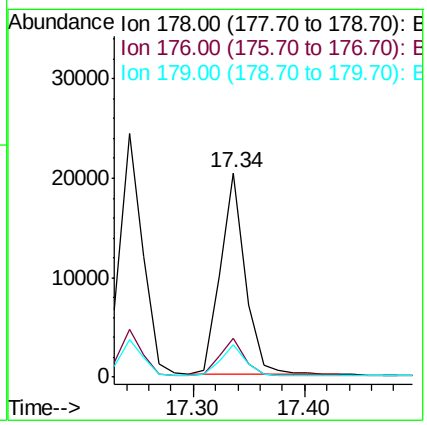


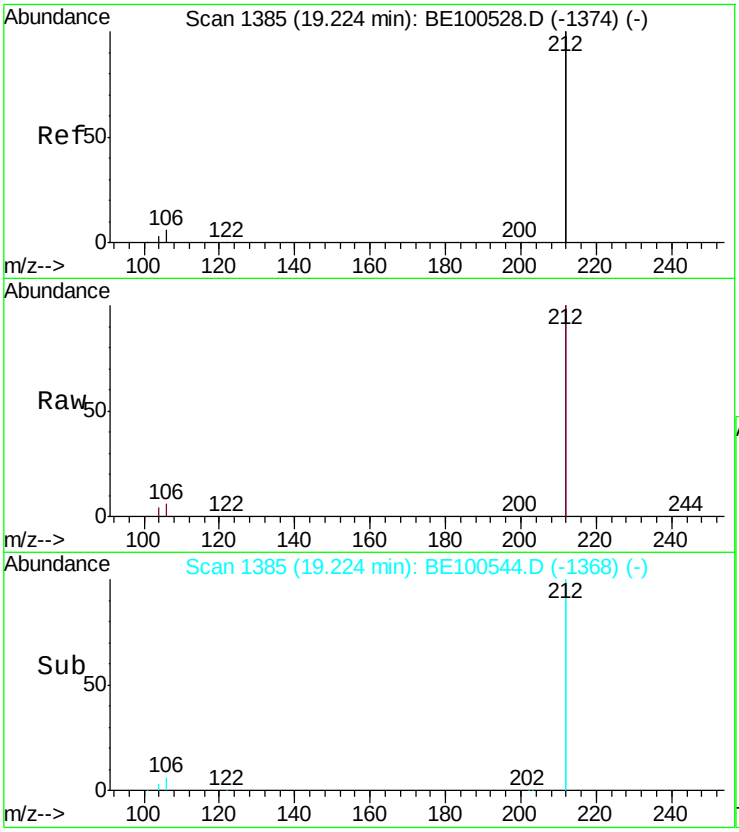


#24
Anthracene
Concen: 0.448 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:178 Resp: 31422

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.4	12.2	18.4

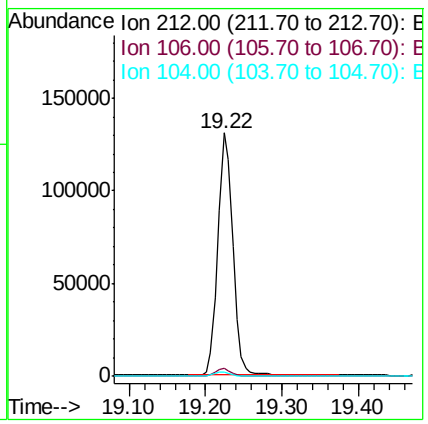


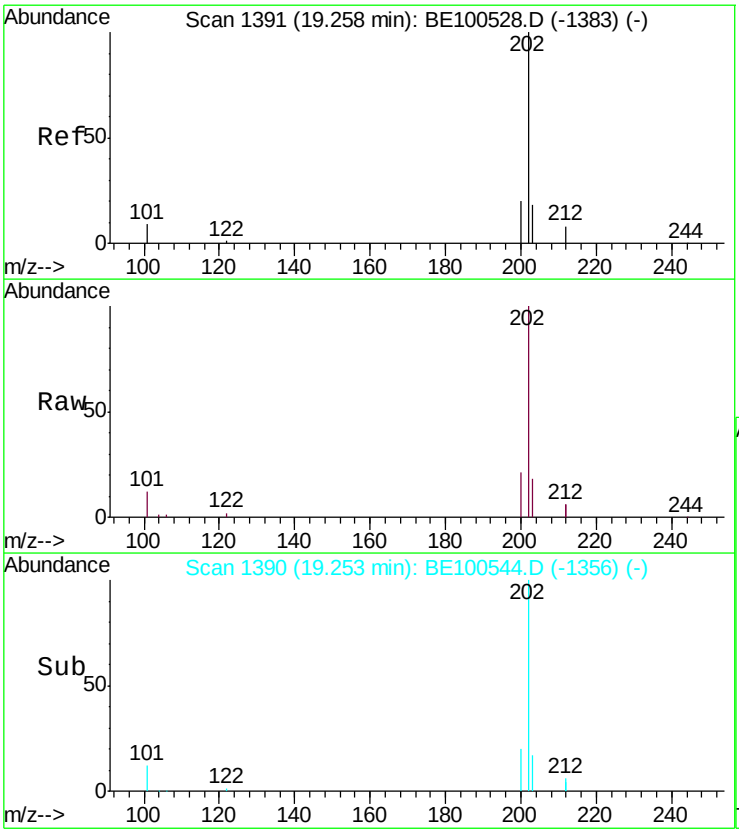


#25
Fluoranthene-d10
Concen: 0.497 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:212 Resp: 176978

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.3	3.5
104	1.8	1.3	1.9

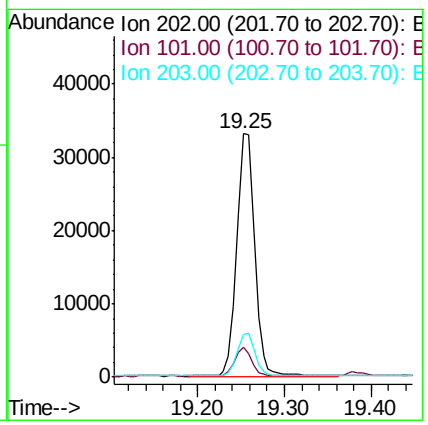


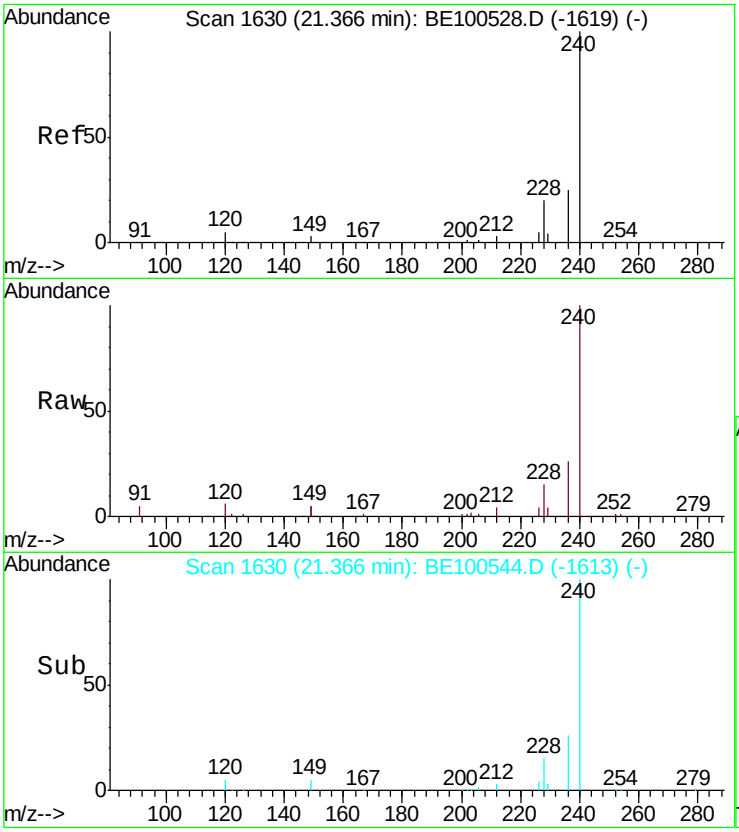


#26
Fluoranthene
Concen: 0.468 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:202 Resp: 46985

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
203	17.6	13.7	20.5

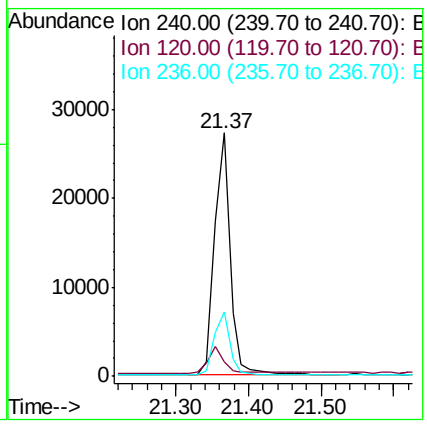


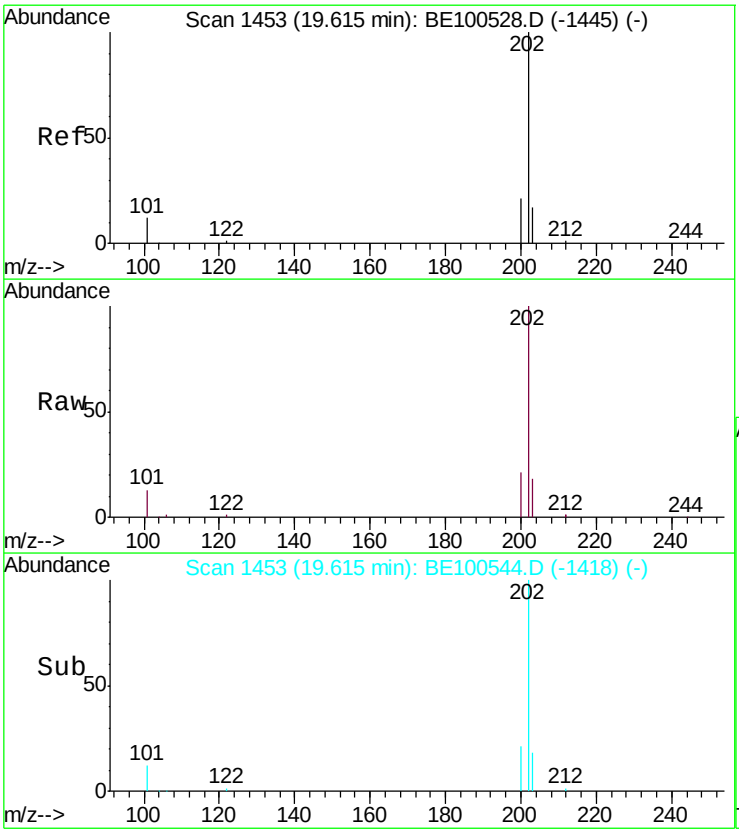


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:240 Resp: 41357

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.5	6.7
236	26.4	20.6	30.8

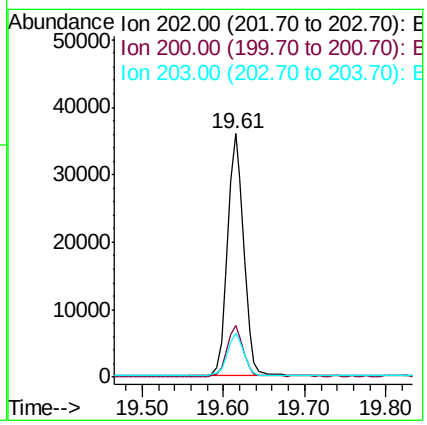


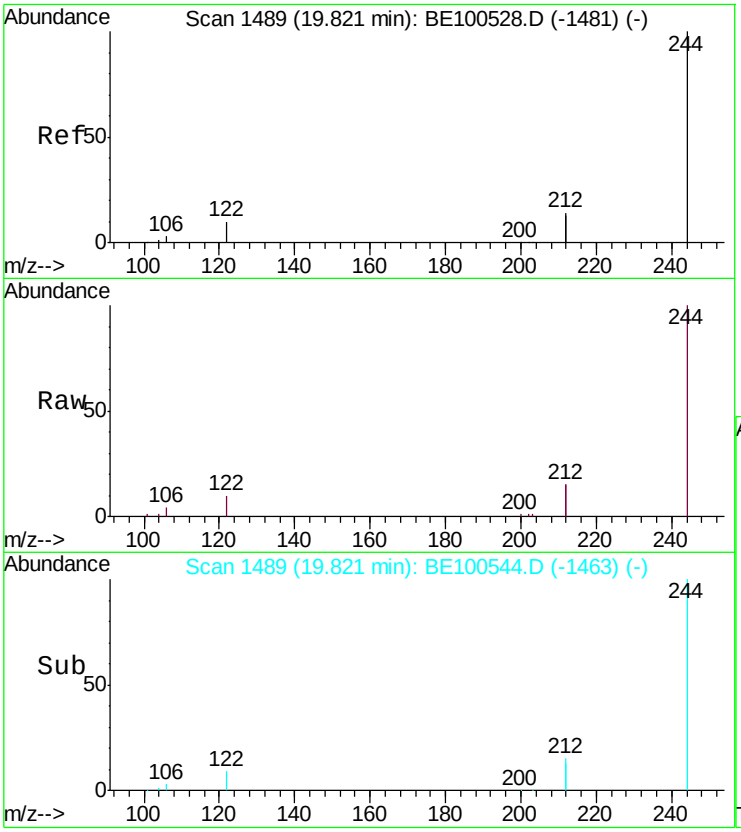


#28
Pyrene
Concen: 0.419 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:202 Resp: 49859

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.0	14.0	21.0

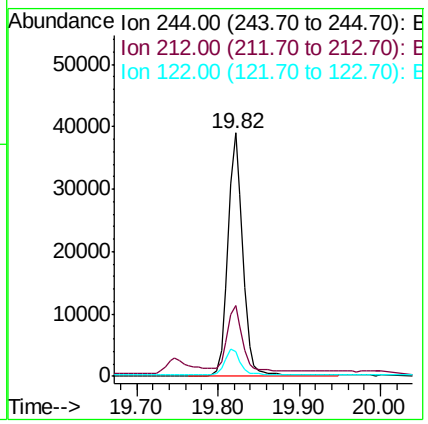


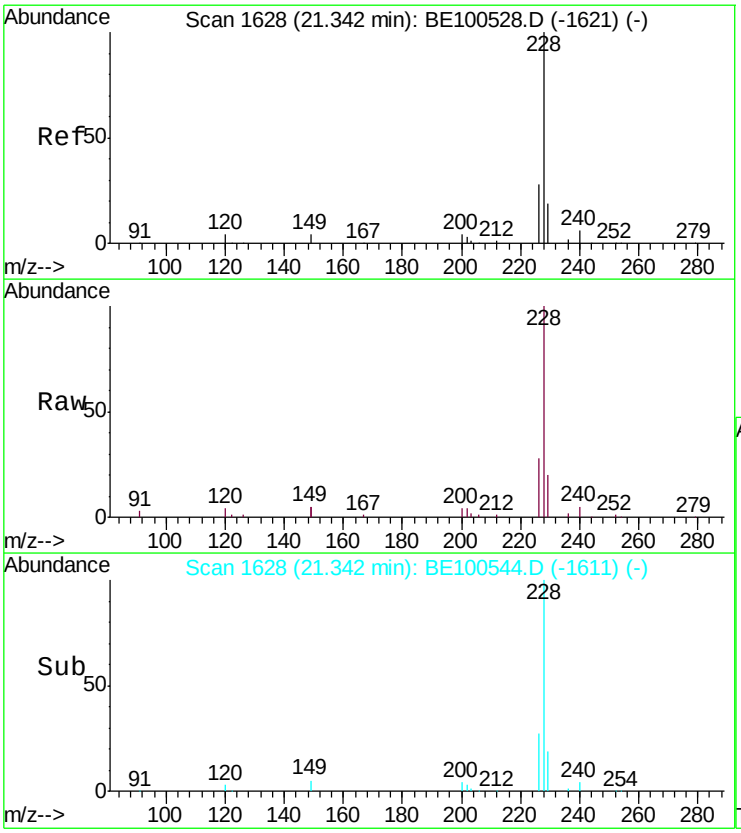


#29
Terphenyl-d14
Concen: 0.499 ng
RT: 19.82 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:244 Resp: 48907

Ion	Ratio	Lower	Upper
244	100		
212	29.0	22.2	33.2
122	10.1	8.3	12.5

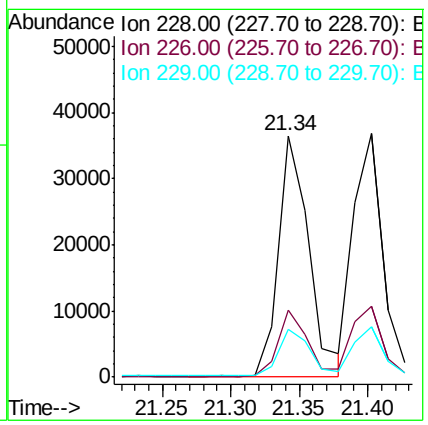


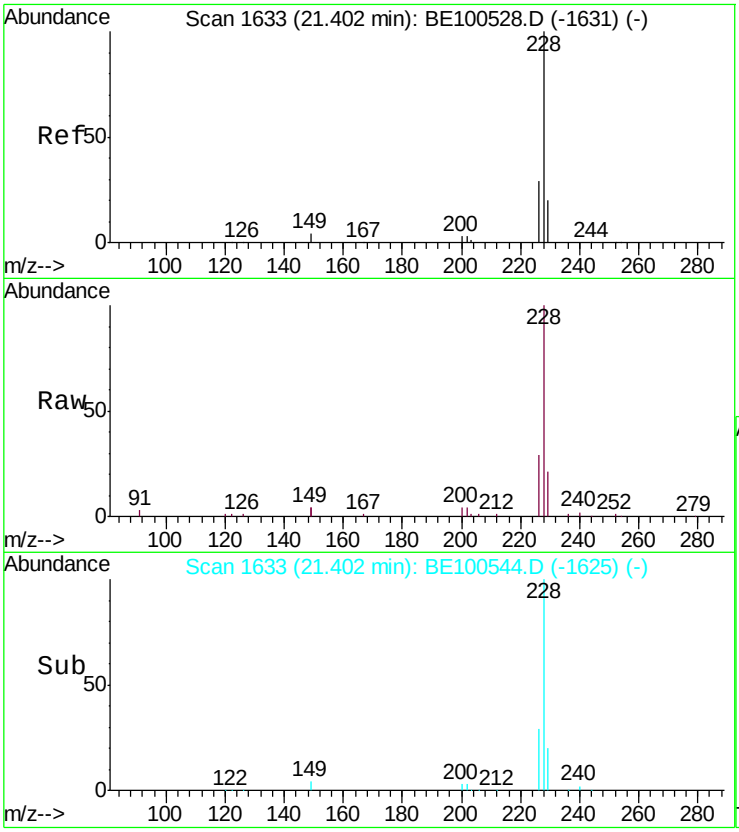


#30
Benzo(a)anthracene
Concen: 0.503 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:228 Resp: 55576

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.5	33.7
229	20.0	15.4	23.2

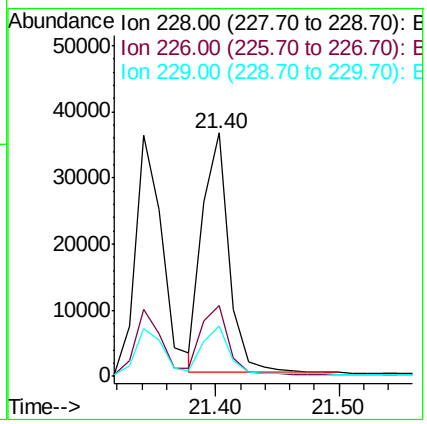


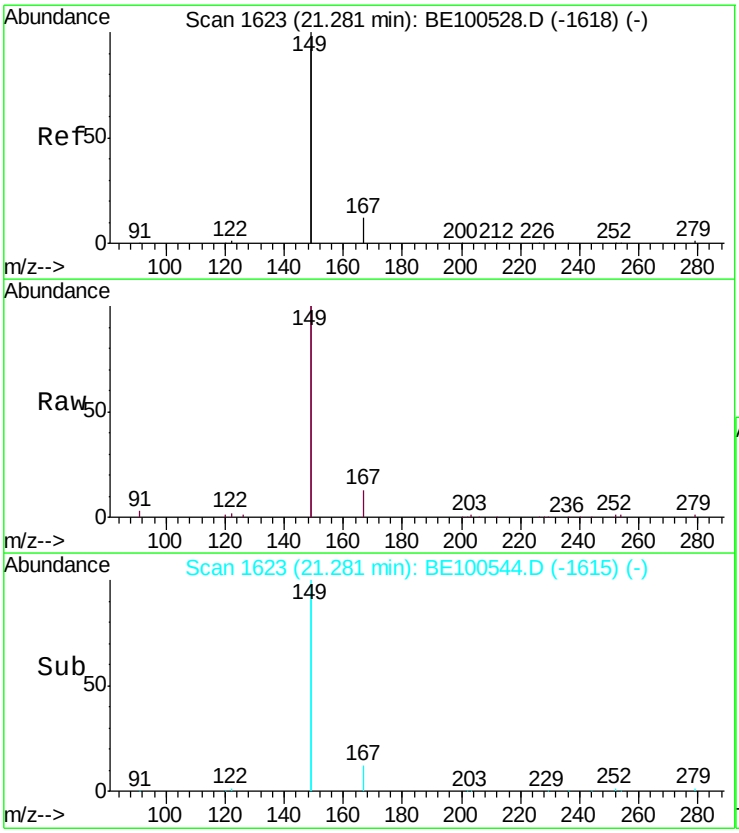


#31
Chrysene
Concen: 0.433 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:228 Resp: 54482

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.3	34.9
229	20.7	16.3	24.5

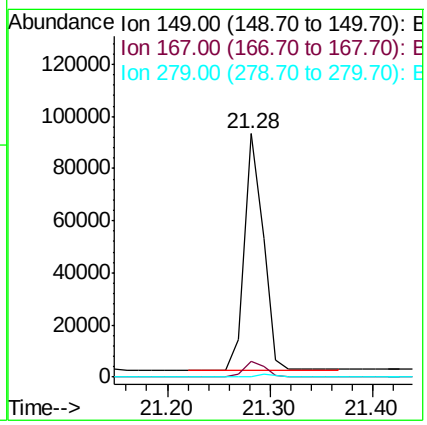


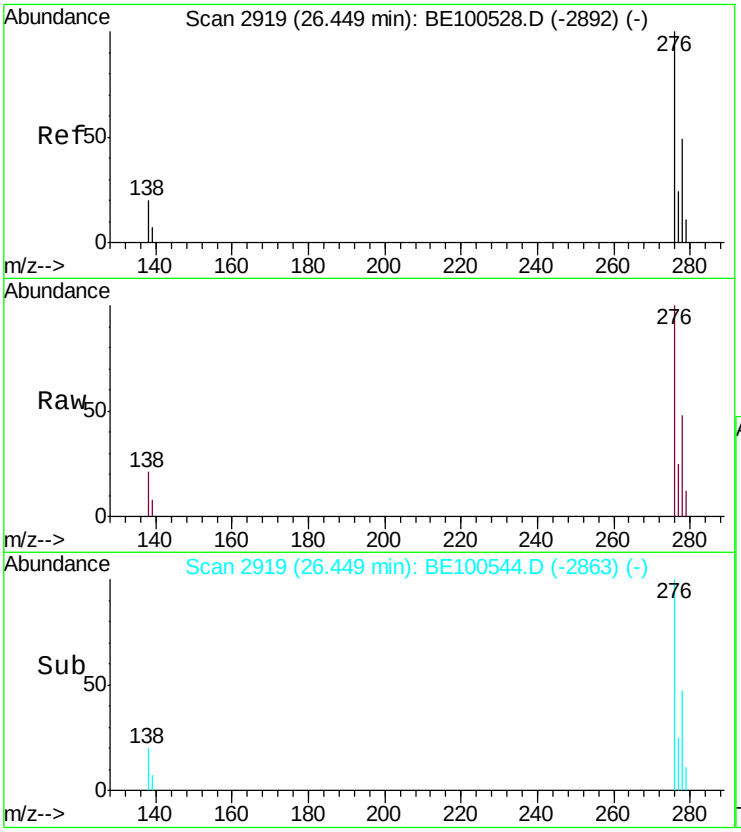


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.982 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:149 Resp: 116867

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	1.1	1.0	1.4

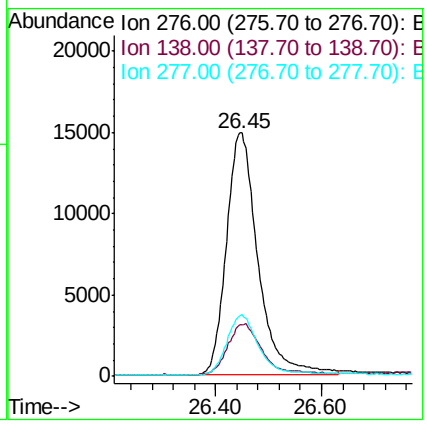


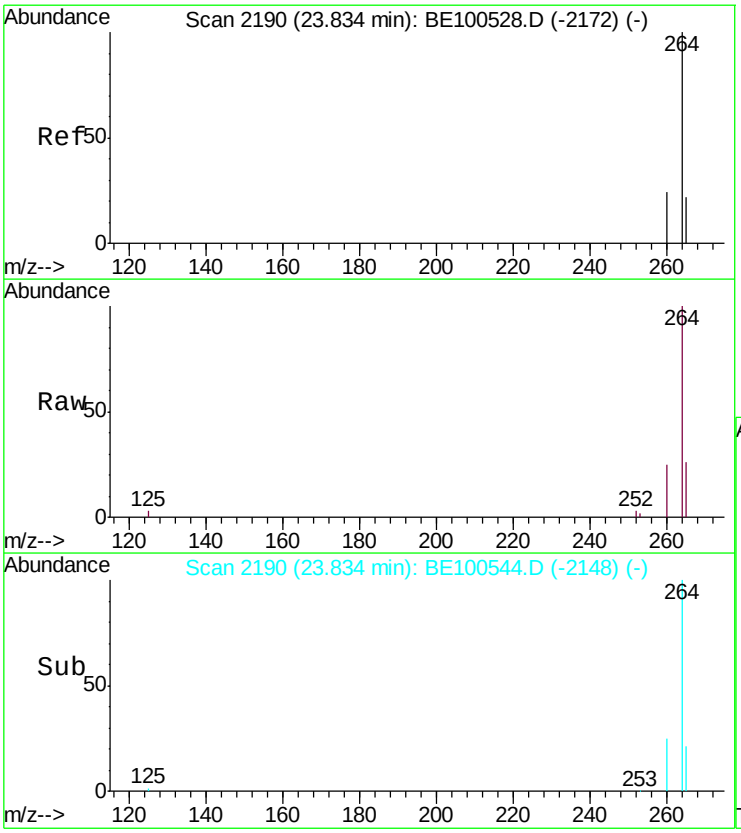


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng
RT: 26.45 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:276 Resp: 62156

Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.7	26.5
277	24.9	19.9	29.9

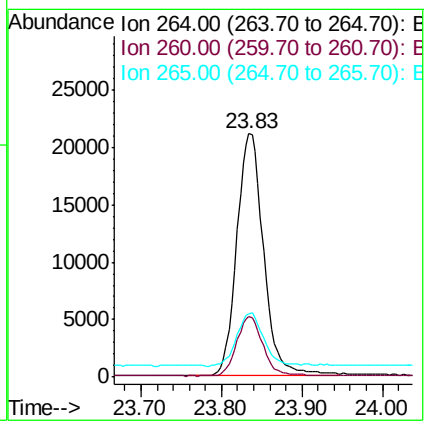


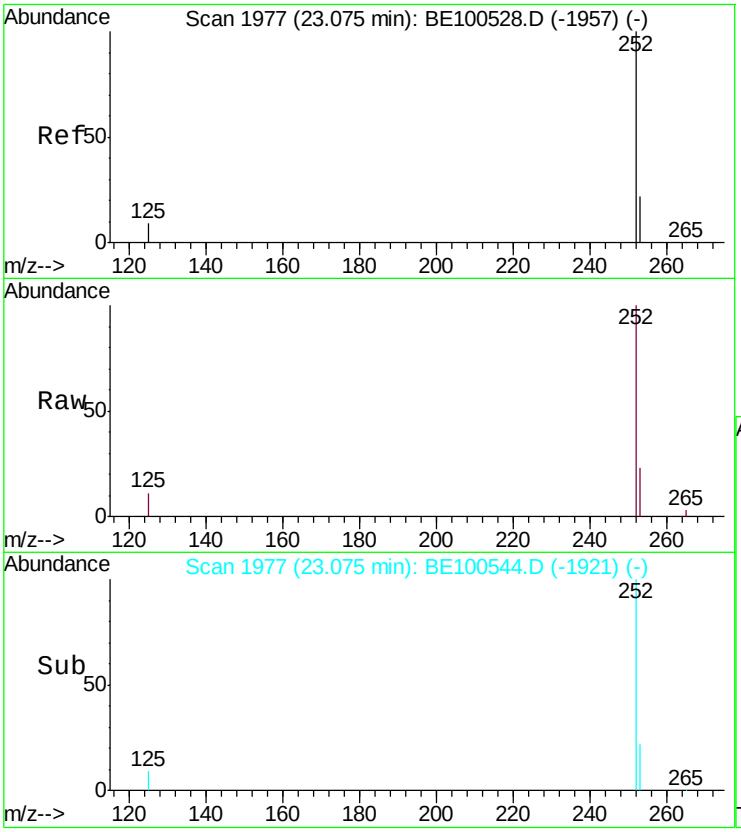


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:264 Resp: 49068

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	26.0	21.8	32.8

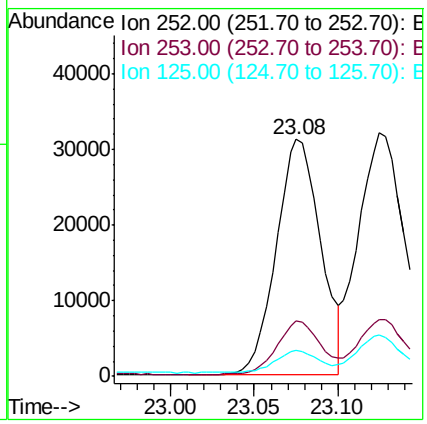


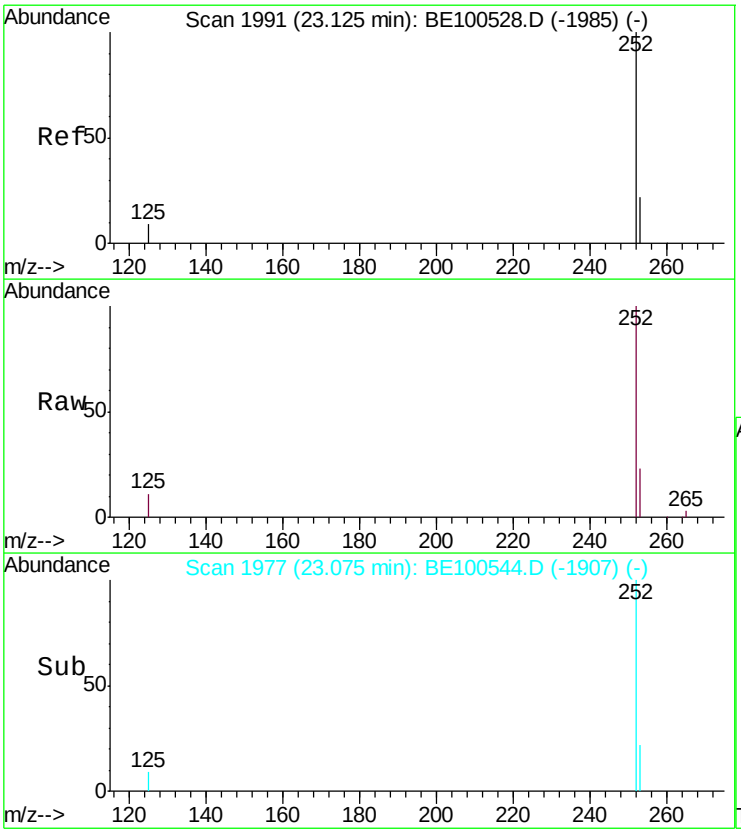


#35
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 23.08 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:252 Resp: 57722

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	10.7	8.0	12.0

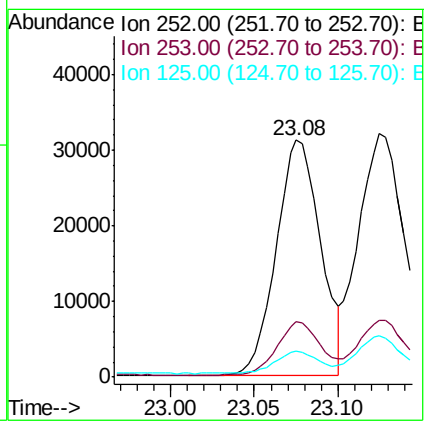


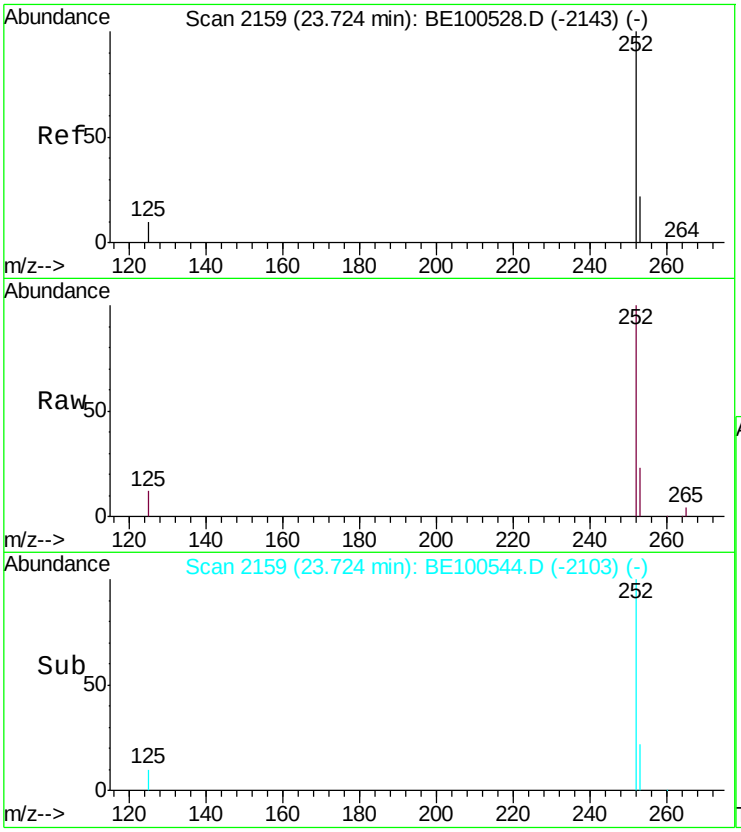


#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.08 min Scan# 1977
Delta R.T. -0.05 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:252 Resp: 57722

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	10.7	8.5	12.7

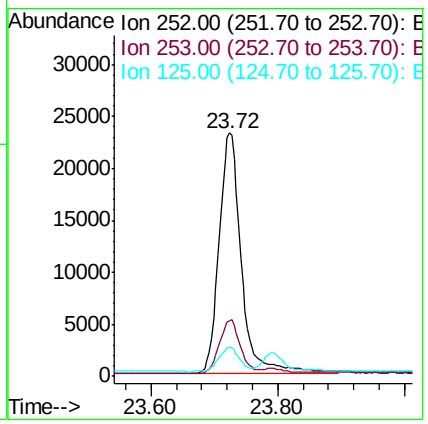


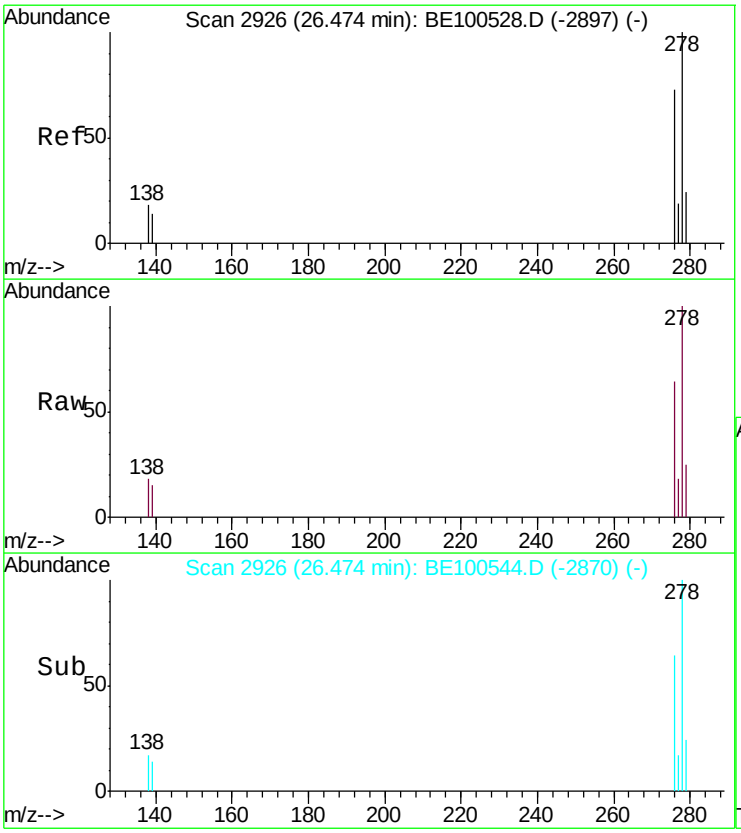


#37
Benzo(a)pyrene
Concen: 0.460 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:252 Resp: 56933

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.9	9.2	13.8

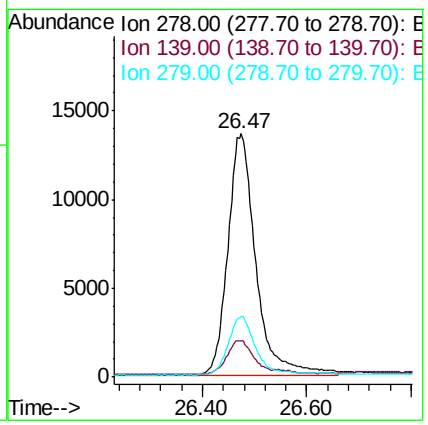


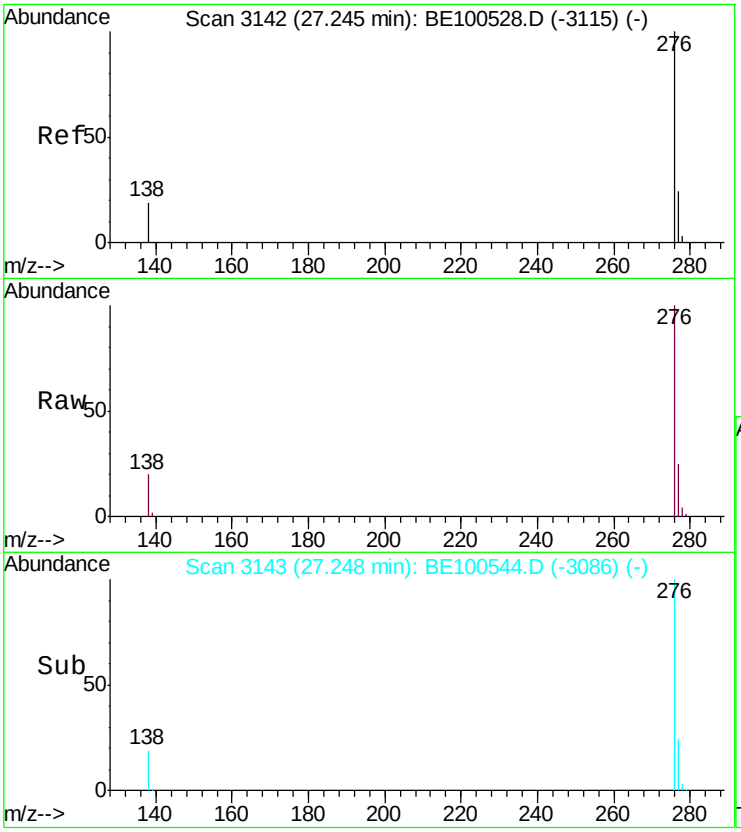


#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:278 Resp: 51079

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	24.8	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.413 ng
RT: 27.25 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion:276 Resp: 55674

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	20.1	15.7	23.5