Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100275.D
Acq On : 1 Jul 2019 20:54
Operator : JU/SJ
Sample : K3428-05DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-013-SW161-061319DL

Quant Time: Jul 02 02:22:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	887	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	3140	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2506	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	6791	0.40	ng		0.00
27) Chrysene-d12	21.24	240	9028	0.40	ng		0.00
34) Perylene-d12	23.67	264	10322	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	318	0.14	ng		0.00
5) Phenol-d6	6.82	99	464	0.16	ng		-0.01
8) Nitrobenzene-d5	8.82	82	459	0.15	ng		0.00
11) 2-Methylnaphthalene-d10	12.04	152	1033	0.17	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	233	0.13	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	1351	0.14	ng		0.00
25) Fluoranthene-d10	19.10	212	15288	0.16	ng		0.00
29) Terphenyl-d14	19.70	244	3058	0.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	5	0.004	ng	#	1
3) n-Nitrosodimethylamine	3.44	42	44	0.069	ng	#	1
6) bis(2-Chloroethyl)ether	7.10	93	21	0.009	ng	#	1
9) Naphthalene	10.48	128	4628	0.134	ng	#	97
10) Hexachlorobutadiene	10.76	225	2	0.001	ng	#	20
12) 2-Methylnaphthalene	12.12	142	1130	0.186	ng		96
16) Acenaphthylene	14.04	152	5244	0.436	ng		97
17) Acenaphthene	14.38	154	755	0.111	ng		91
18) Fluorene	15.35	166	2940	0.292	ng	#	88
20) 4-Bromophenyl-phenylether	16.25	248	6	0.001	ng	#	47
21) Hexachlorobenzene	16.36	284	13	0.003	ng	#	1
22) Pentachlorophenol	16.73	266	13	0.010	ng	#	72
23) Phenanthrene	17.09	178	55245	3.356	ng		99
24) Anthracene	17.19	178	4505	0.304	ng		98
26) Fluoranthene	19.13	202	81431	3.106	ng		99
28) Pyrene	19.49	202	103919	4.348	ng		97
30) Benzo(a)anthracene	21.23	228	66768	2.249	ng		95
31) Chrysene	21.28	228	63252	2.122	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	17857	0.368	ng		99
33) Indeno(1,2,3-cd)pyrene	26.23	276	35104	0.890	ng		97
35) Benzo(b)fluoranthene	22.93	252	64799	2.315	ng	#	97
36) Benzo(k)fluoranthene	22.93	252	64799	2.074	ng		98
37) Benzo(a)pyrene	23.72	252	10743	0.383	ng		93
38) Dibenzo(a,h)anthracene	26.23	278	4672	0.159	ng	#	85
39) Benzo(g,h,i)perylene	27.02	276	37431	1.244	ng		99

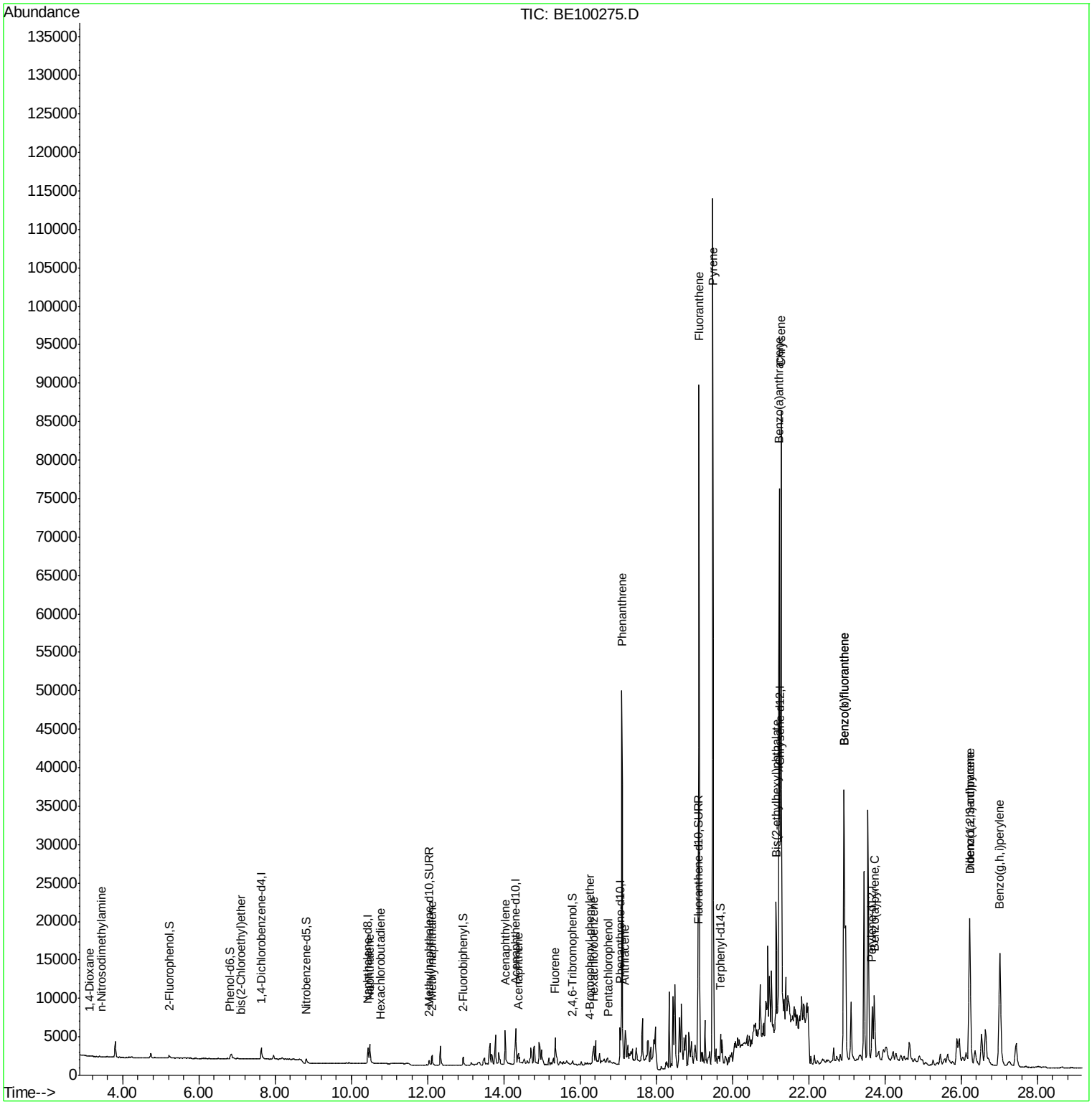
(#) = qualifier out of range (m) = manual integration (+) = signals summed

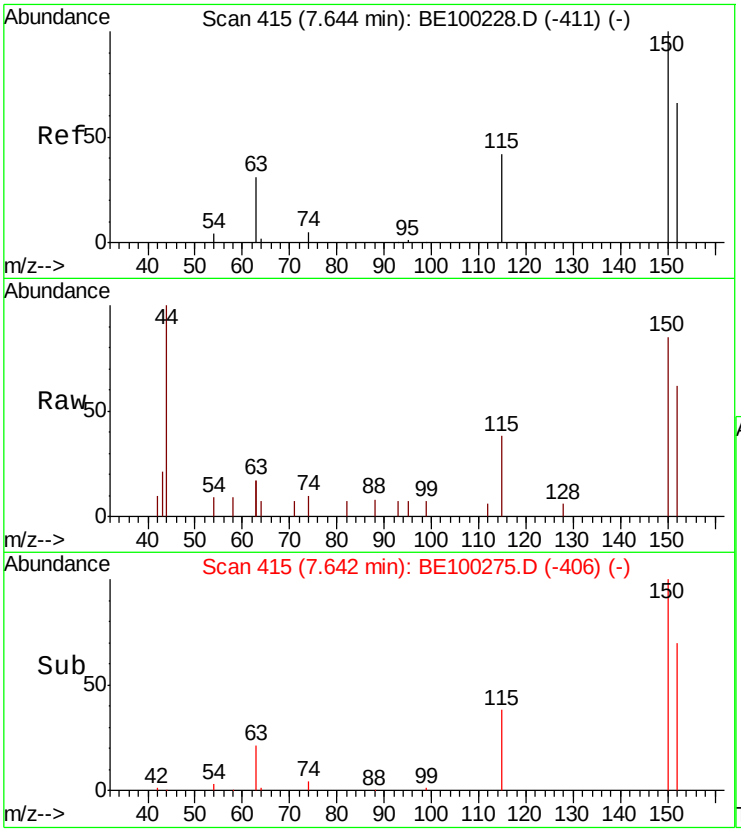
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100275.D
Acq On : 1 Jul 2019 20:54
Operator : JU/SJ
Sample : K3428-05DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Quant Time: Jul 02 02:22:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



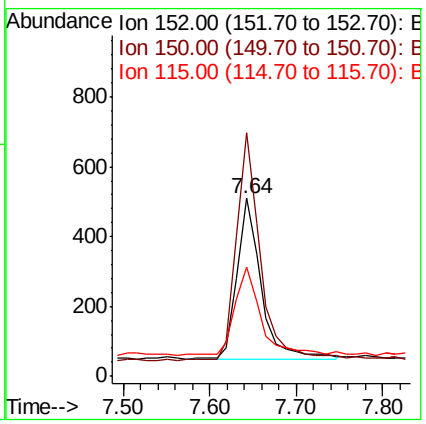


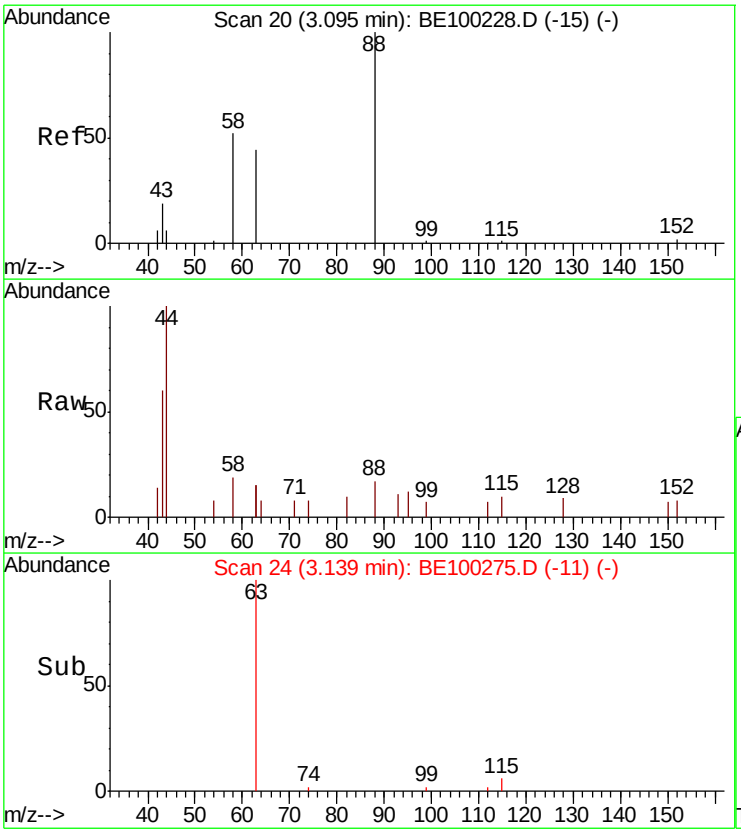
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:152 Resp: 887

Ion	Ratio	Lower	Upper
152	100		
150	136.7	114.5	171.7
115	61.4	57.1	85.7

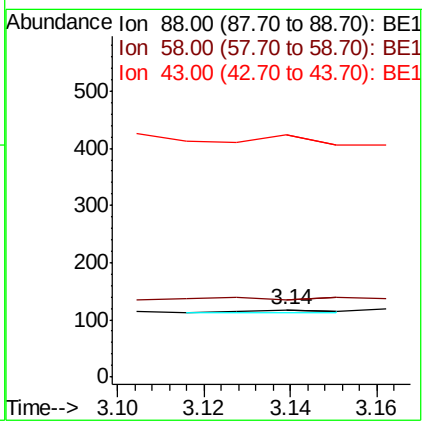


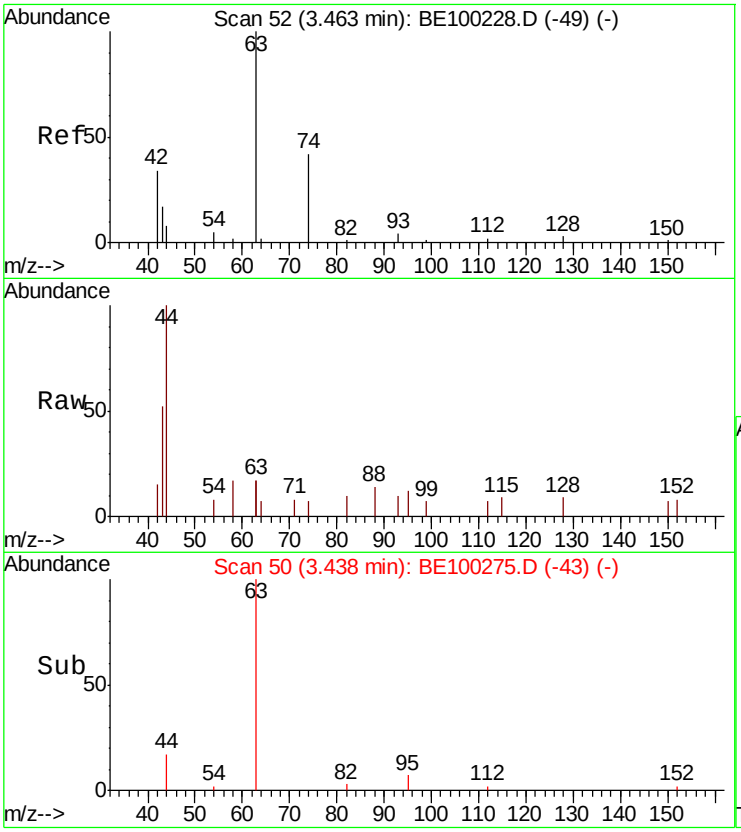


#2
1,4-Dioxane
Concen: 0.004 ng
RT: 3.14 min Scan# 24
Delta R.T. 0.04 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion: 88 Resp: 5

Ion	Ratio	Lower	Upper
88	100		
58	160.0	43.6	65.4#
43	0.0	21.4	32.0#



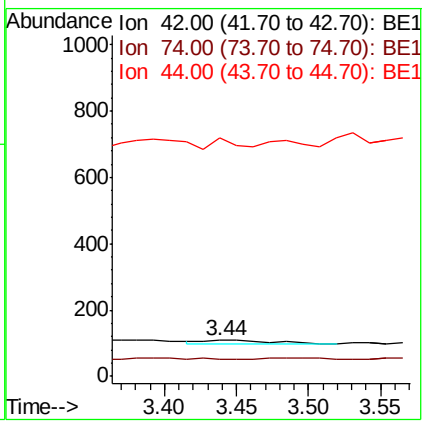


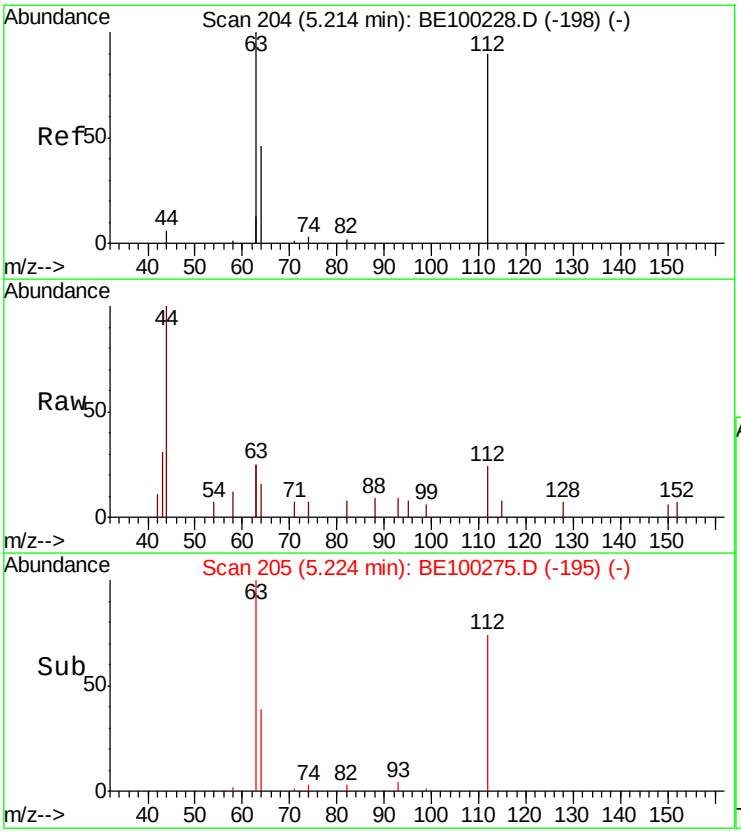
#3
n-Nitrosodimethylamine
Concen: 0.069 ng
RT: 3.44 min Scan# 50
Delta R.T. -0.02 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion: 42 Resp: 44

Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.6	196.0#
44	77.3	38.0	57.0#

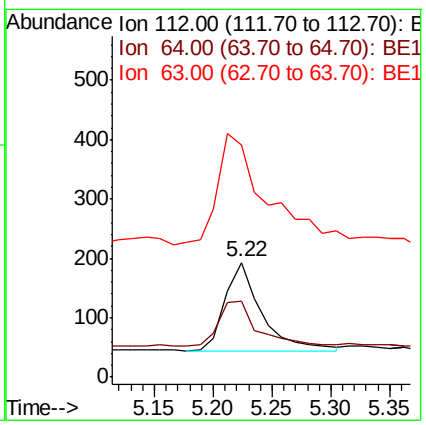


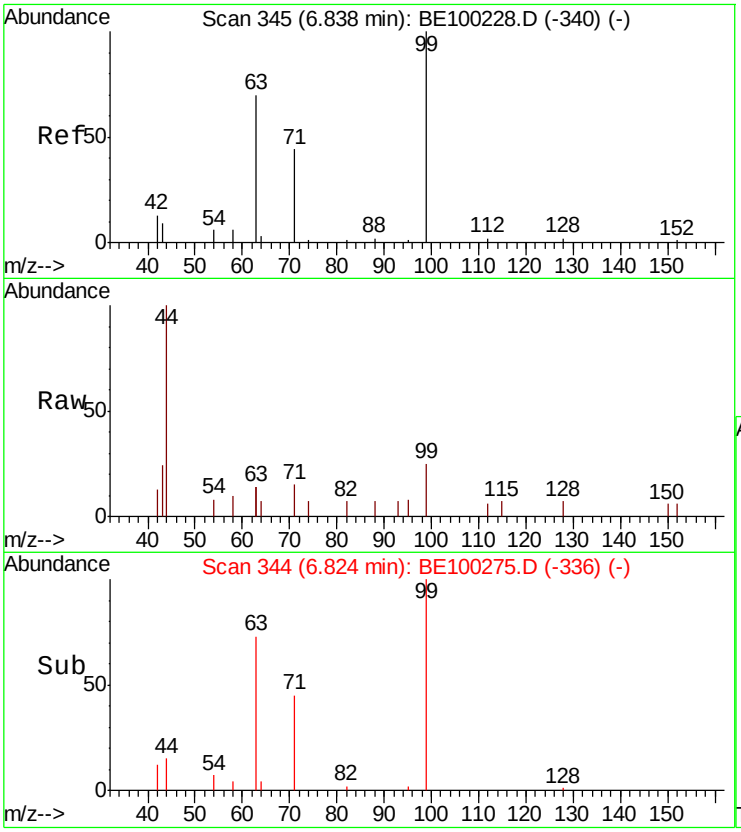


#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:112 Resp: 318

Ion	Ratio	Lower	Upper
112	100		
64	55.3	39.4	59.0
63	188.1	104.5	156.7#



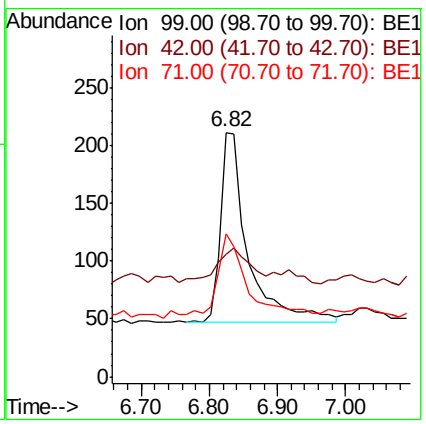


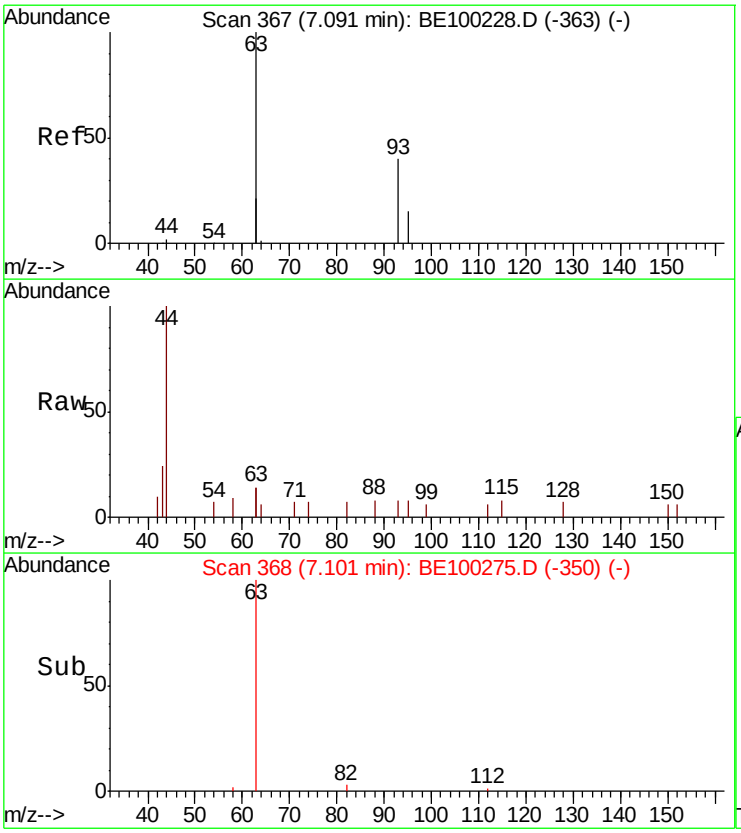
#5
Phenol-d6
Concen: 0.156 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion: 99 Resp: 464

Ion	Ratio	Lower	Upper
99	100		
42	22.2	11.2	16.8#
71	42.2	37.2	55.8

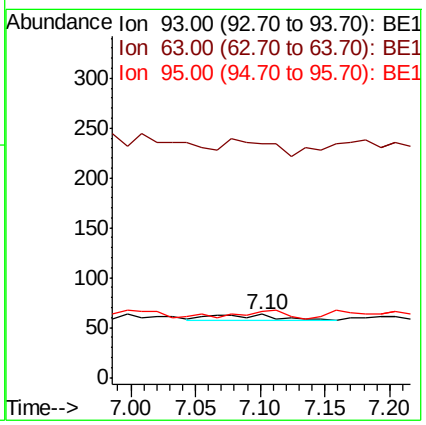


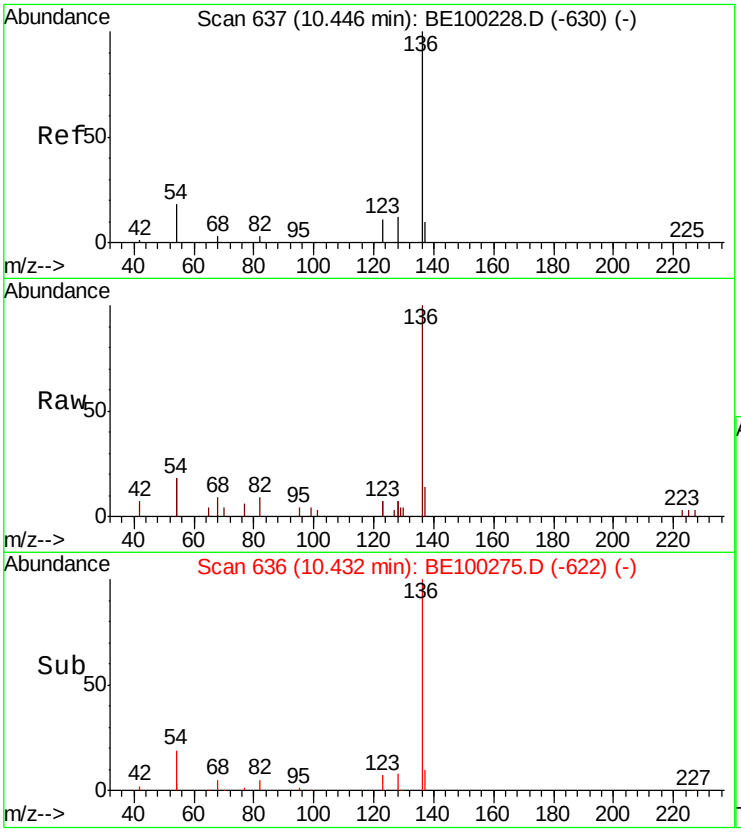


#6
bis(2-Chloroethyl)ether
Concen: 0.009 ng
RT: 7.10 min Scan# 368
Delta R.T. 0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion: 93 Resp: 21

Ion	Ratio	Lower	Upper
93	100		
63	0.0	155.6	233.4#
95	85.7	23.0	34.4#



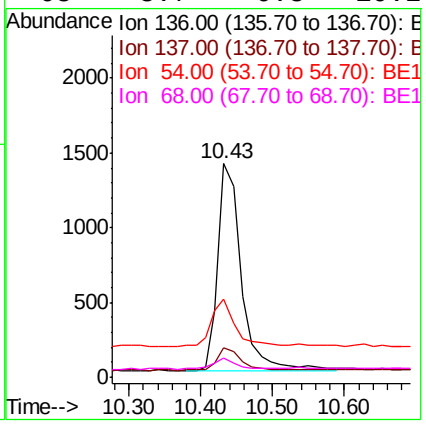


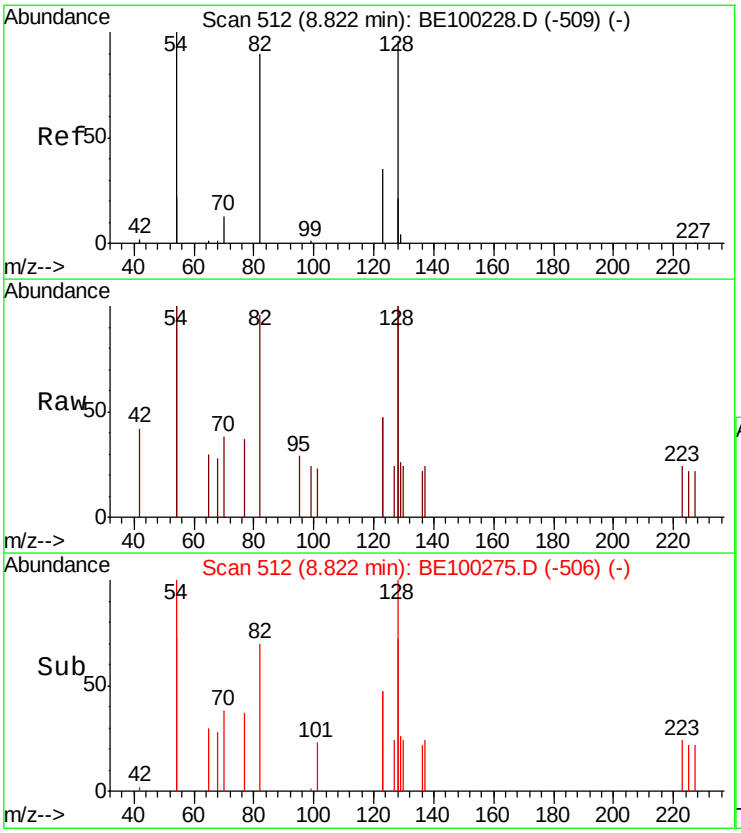
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:136 Resp: 3140

Ion	Ratio	Lower	Upper
136	100		
137	13.5	11.8	17.8
54	36.4	27.7	41.5
68	8.7	6.8	10.2

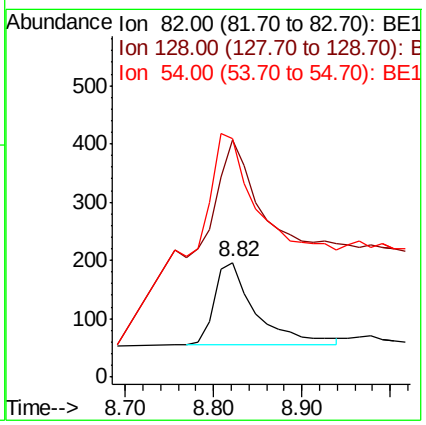


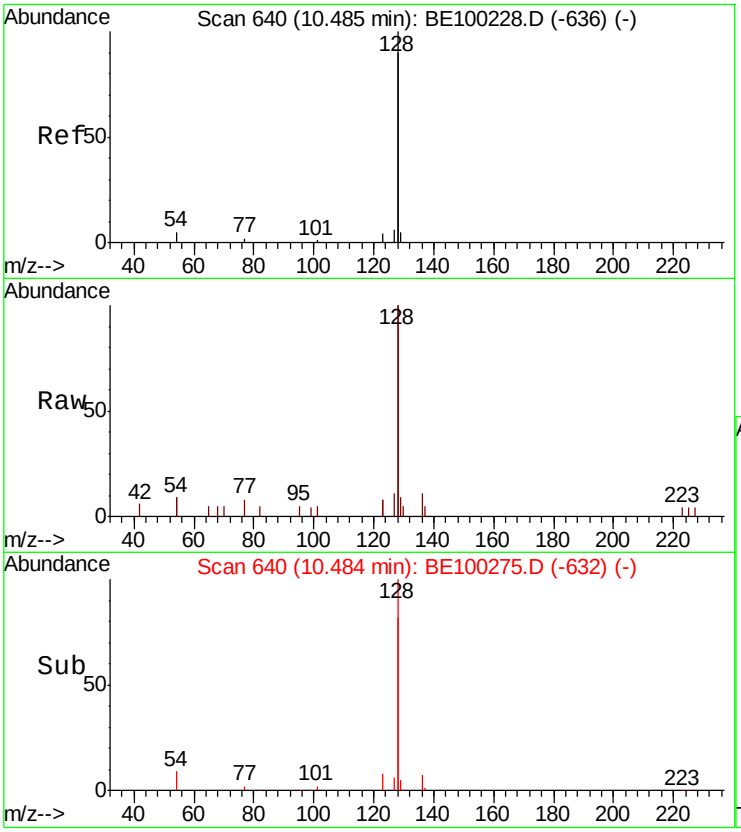


#8
Nitrobenzene-d5
Concen: 0.147 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion: 82 Resp: 459

Ion	Ratio	Lower	Upper
82	100		
128	207.1	140.9	211.3
54	208.1	146.2	219.2



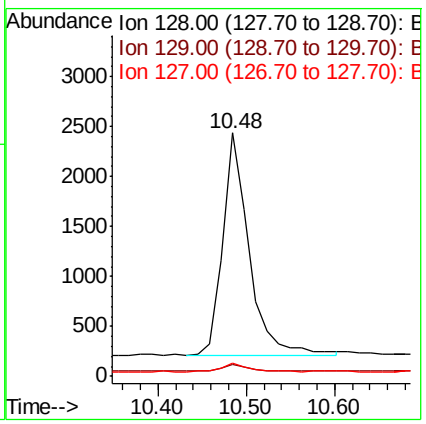


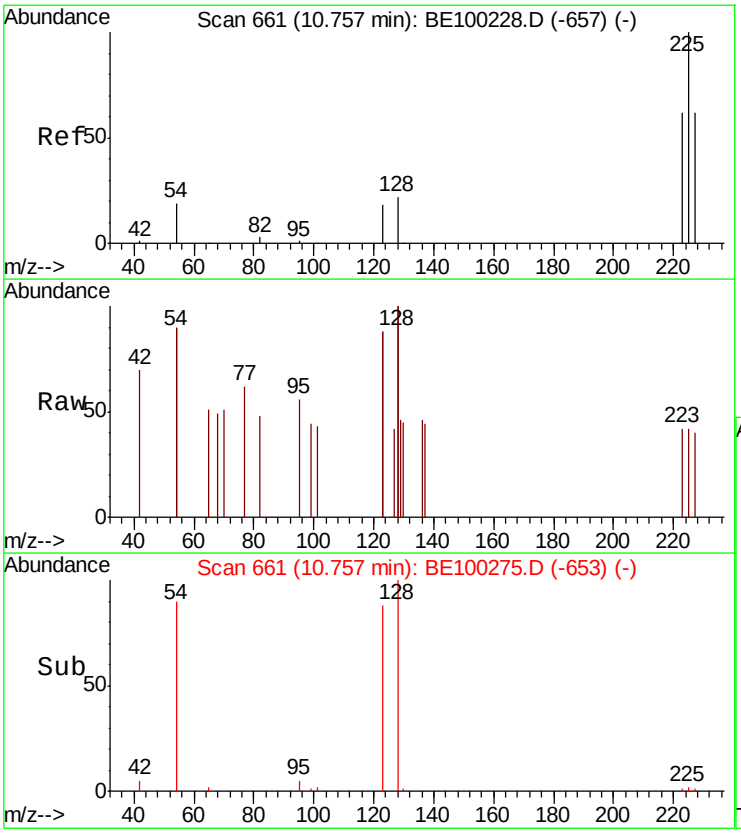
#9
Naphthalene
Concen: 0.134 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:128 Resp: 4628

Ion	Ratio	Lower	Upper
128	100		
129	4.7	3.0	4.6#
127	5.3	3.5	5.3

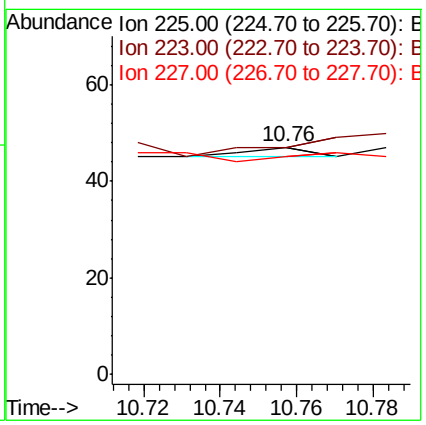


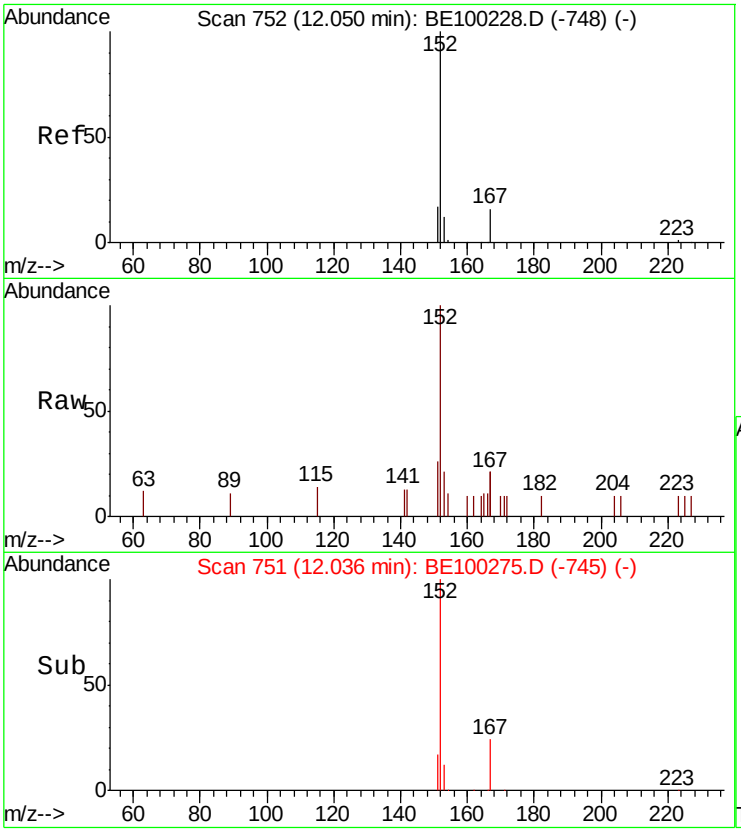


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.1	73.7#
227	0.0	49.3	73.9#



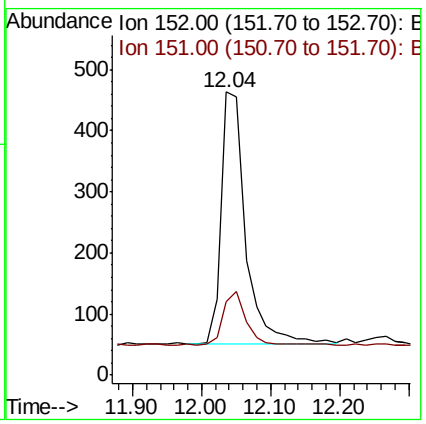


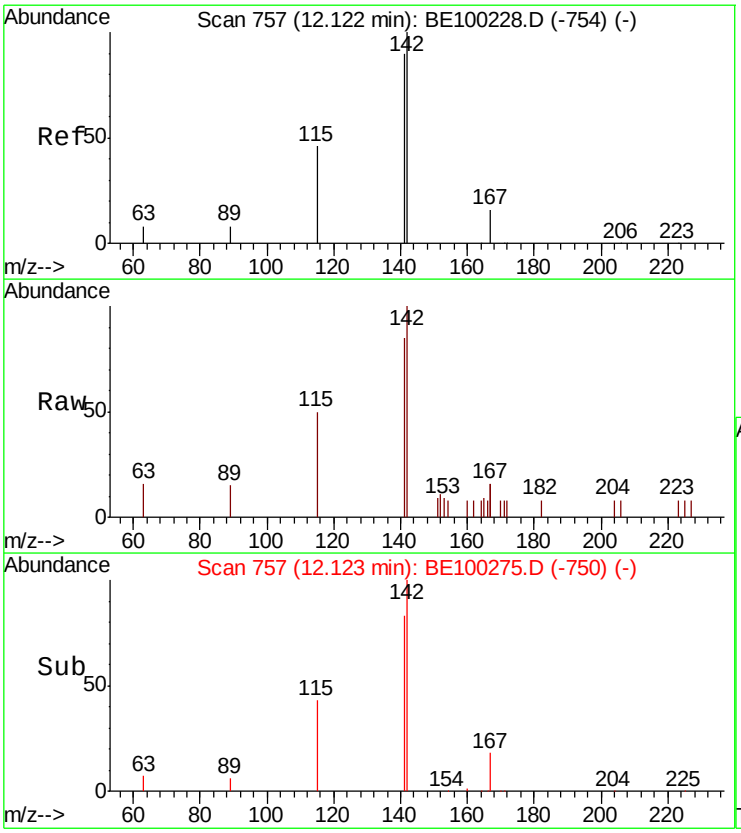
#11
2-Methylnaphthalene-d10
Concen: 0.175 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:152 Resp: 1033

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.1	22.7

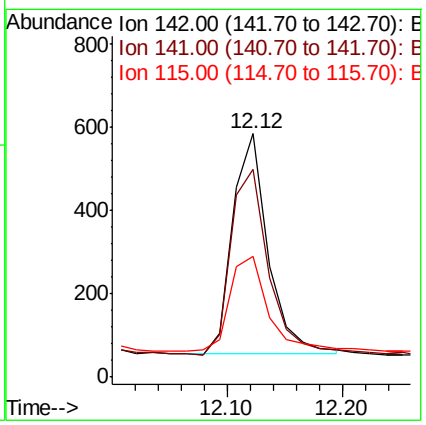


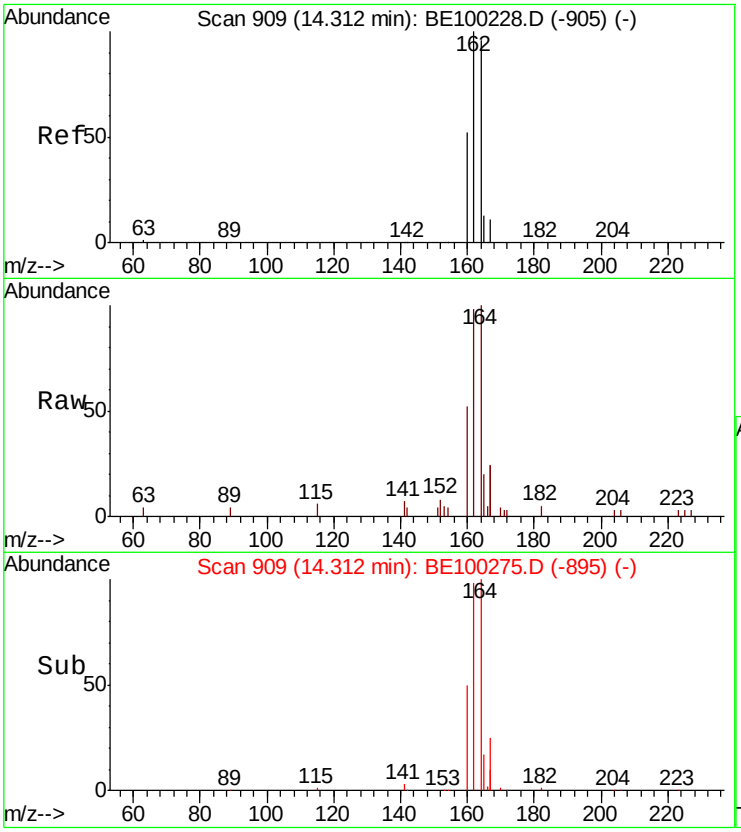


#12
2-Methylnaphthalene
Concen: 0.186 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:142 Resp: 1130

Ion	Ratio	Lower	Upper
142	100		
141	85.1	72.4	108.6
115	49.7	40.4	60.6



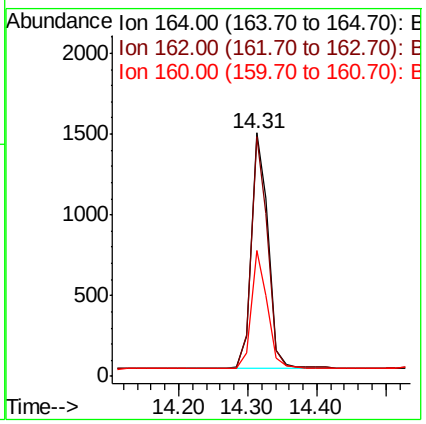


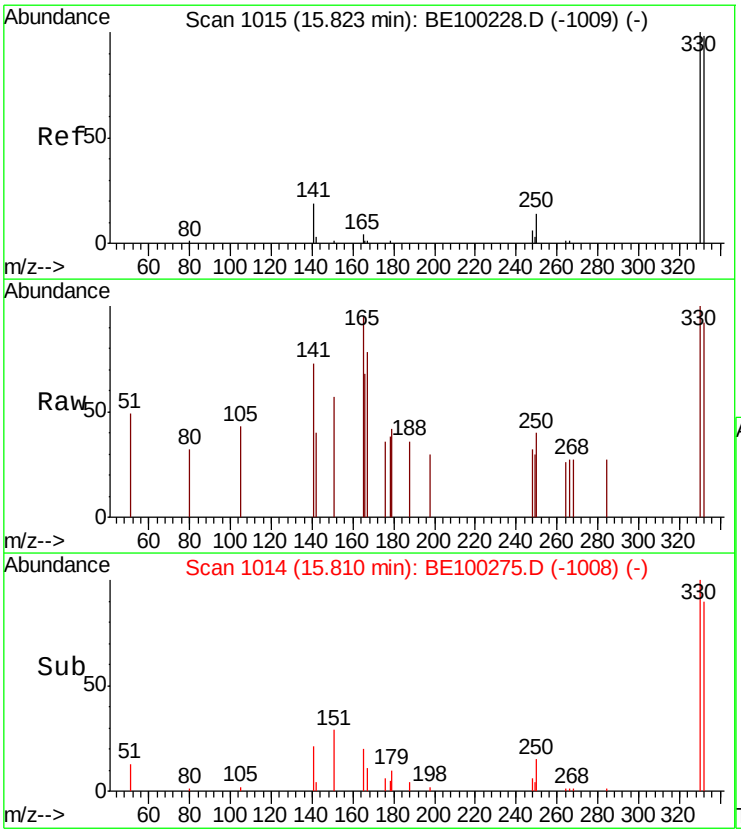
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:164 Resp: 2506

Ion	Ratio	Lower	Upper
164	100		
162	98.4	83.4	125.0
160	51.9	45.0	67.6

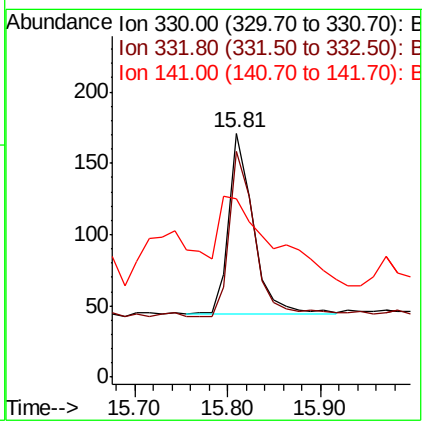


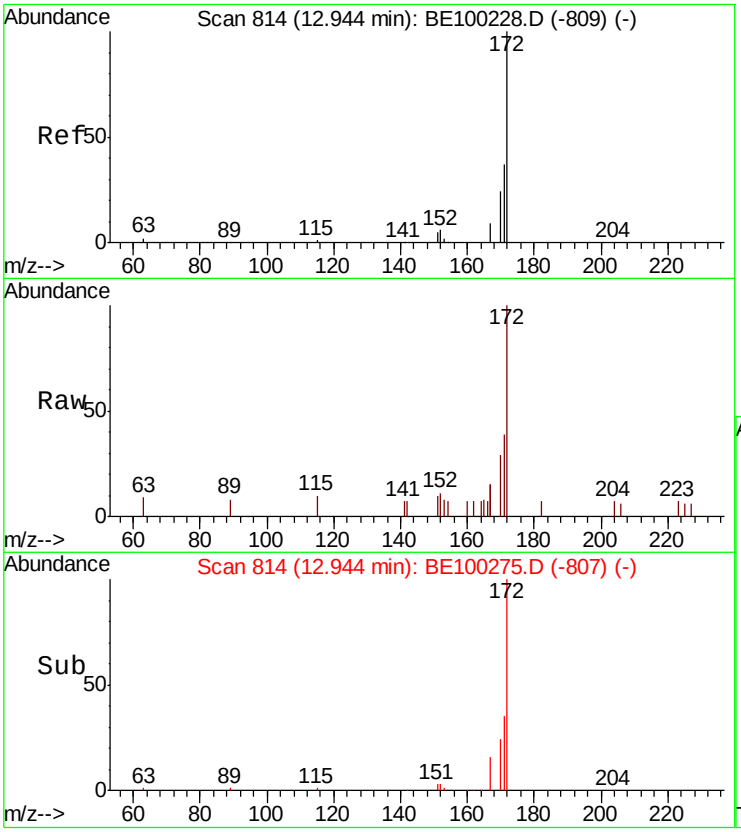


#14
2,4,6-Tribromophenol
Concen: 0.133 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:330 Resp: 233

Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.4
141	109.9	22.0	33.0#



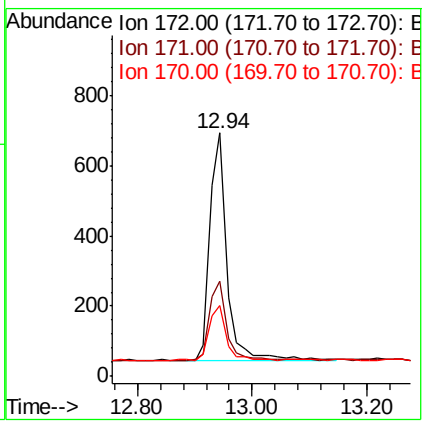


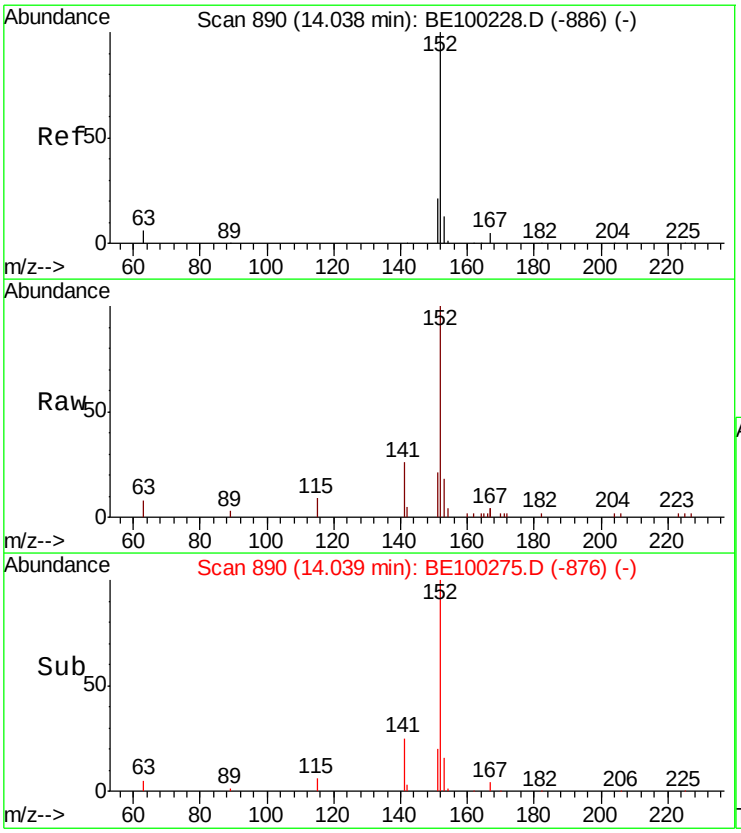
#15
2-Fluorobiphenyl
Concen: 0.138 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:172 Resp: 1351

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.9	47.9
170	28.8	22.2	33.2

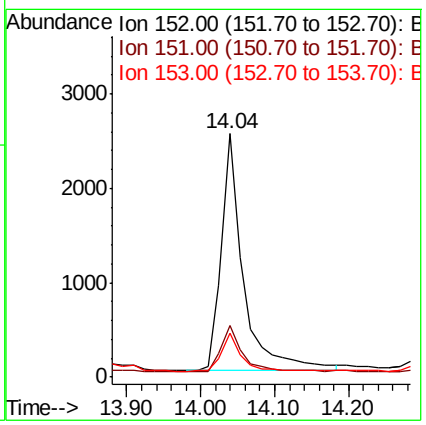


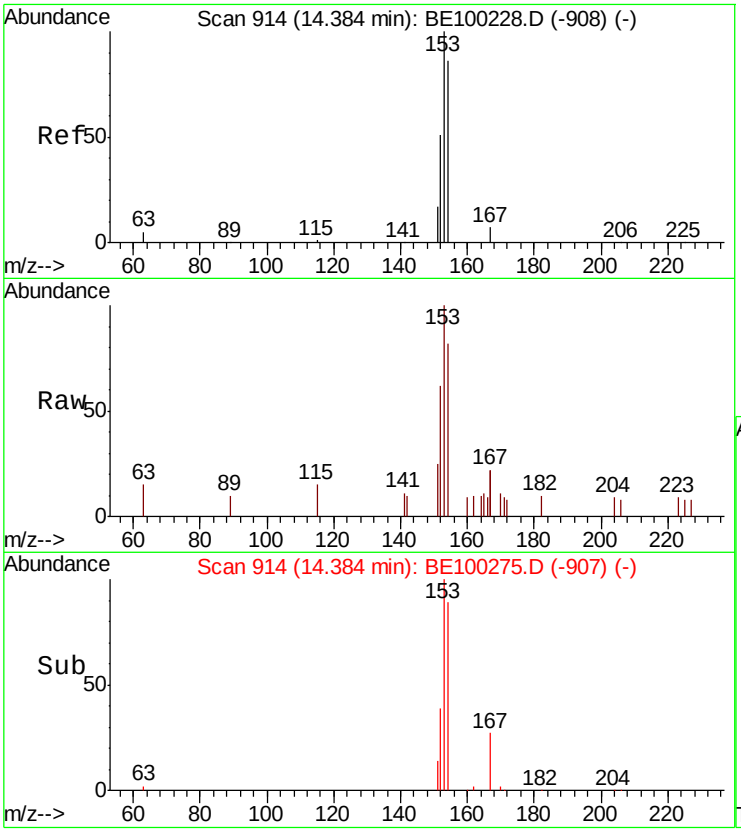


#16
Acenaphthylene
Concen: 0.436 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:152 Resp: 5244

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	25.0
153	14.9	10.5	15.7



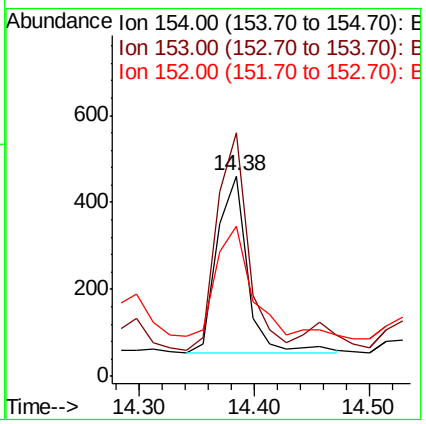


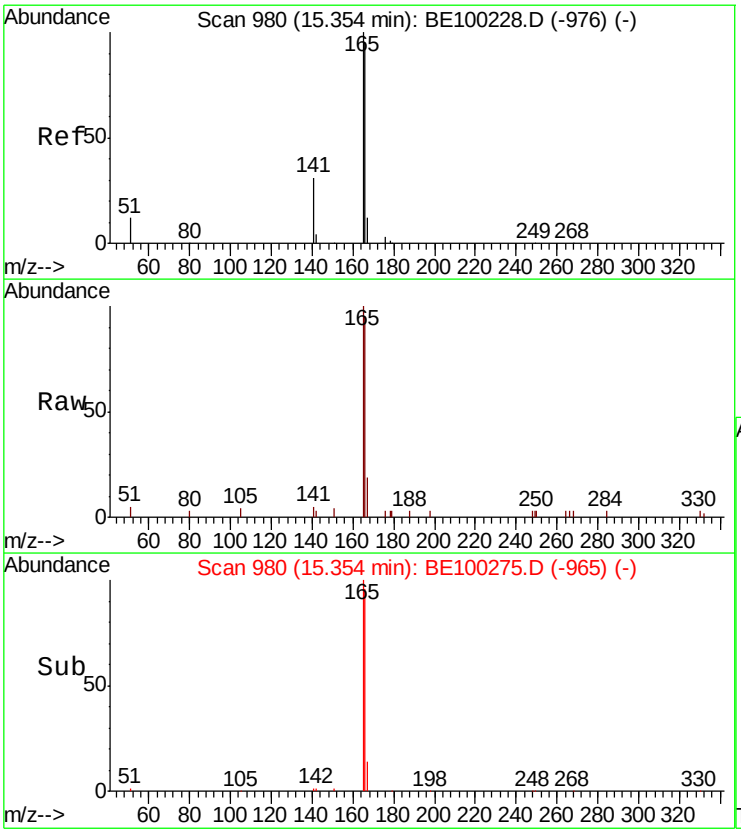
#17
Acenaphthene
Concen: 0.111 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:154 Resp: 755

Ion	Ratio	Lower	Upper
154	100		
153	123.3	93.4	140.2
152	73.1	49.4	74.2

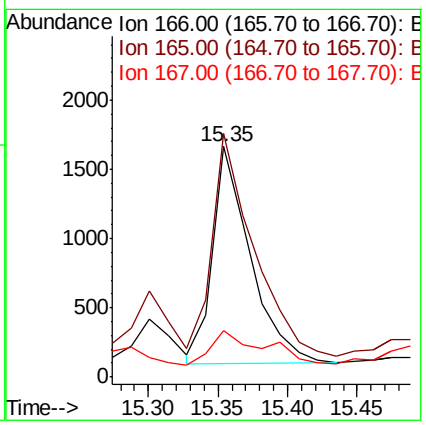


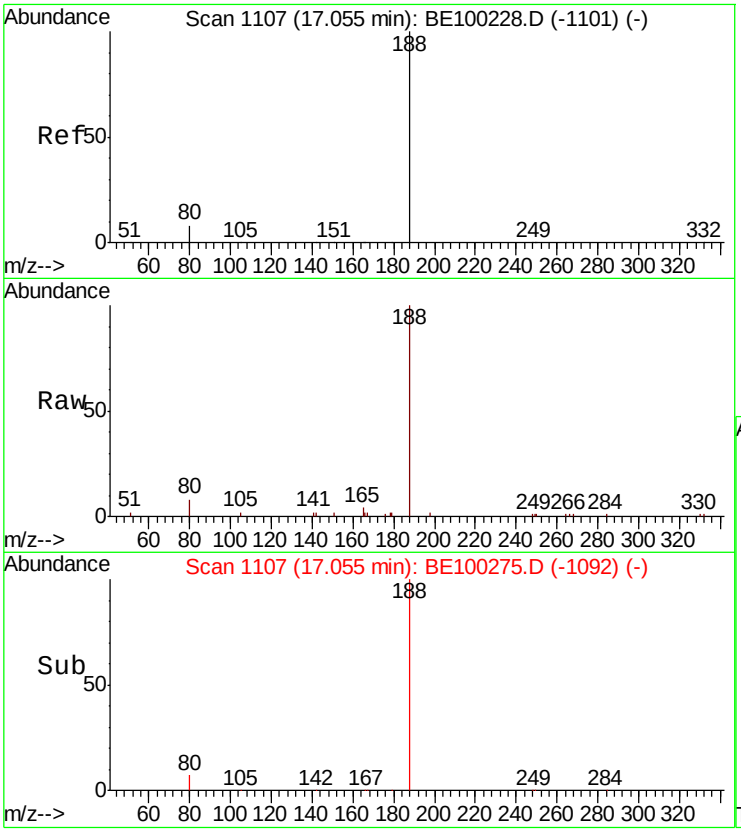


#18
Fluorene
Concen: 0.292 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:166 Resp: 2940

Ion	Ratio	Lower	Upper
166	100		
165	111.5	81.1	121.7
167	23.7	10.7	16.1#



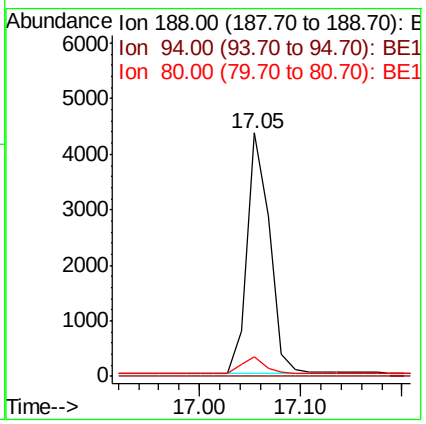


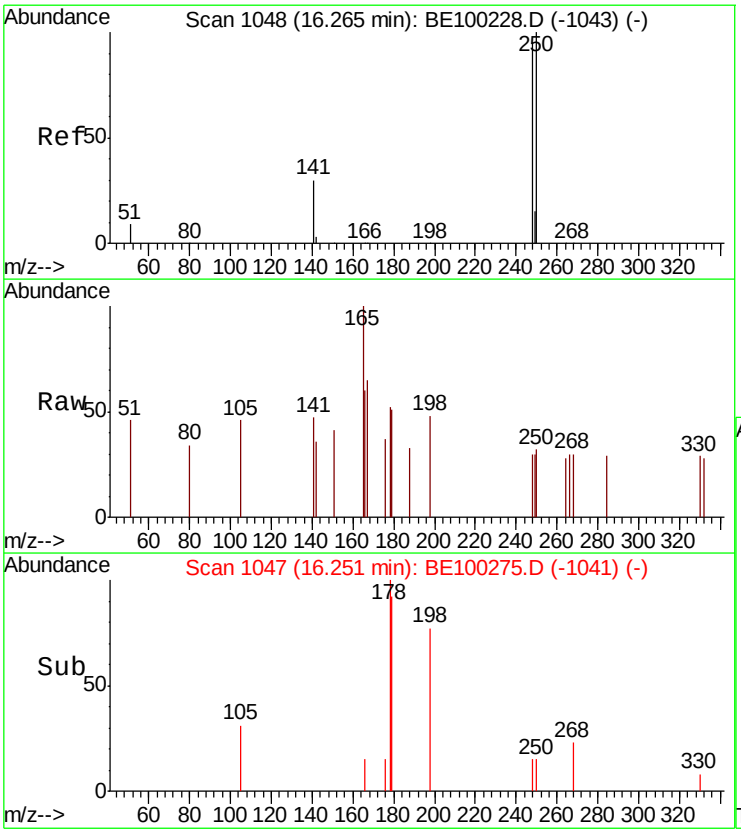
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:188 Resp: 6791

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.6	11.4

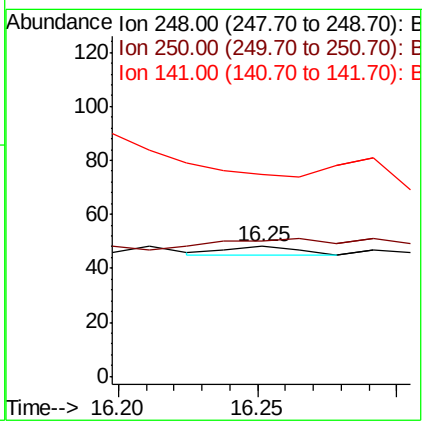


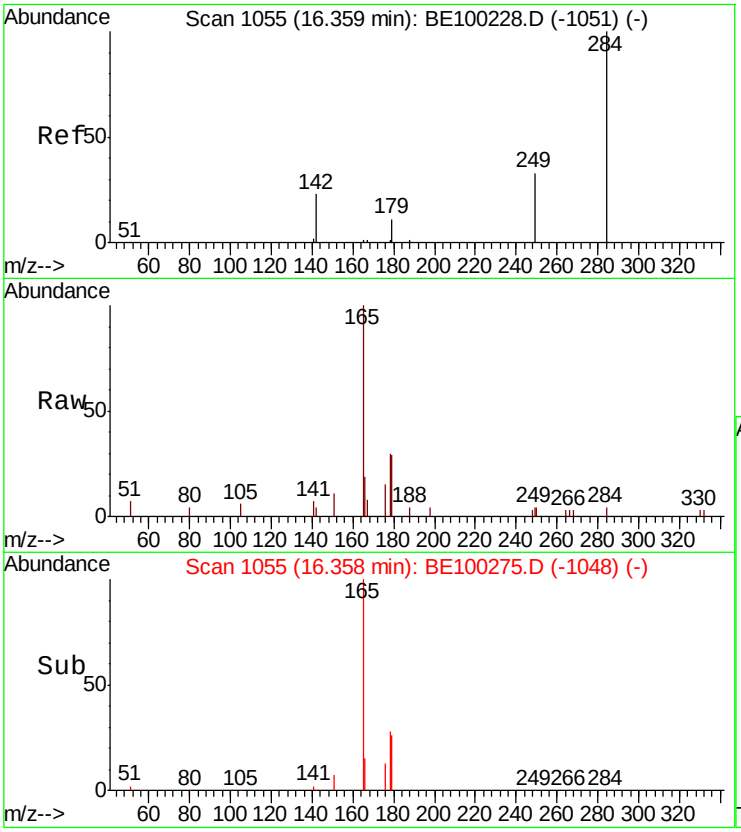


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	104.2	84.2	126.4
141	156.3	29.3	43.9#



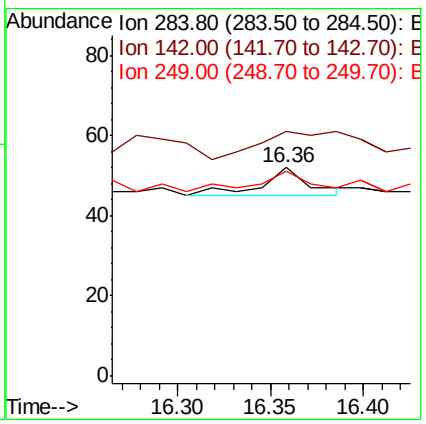


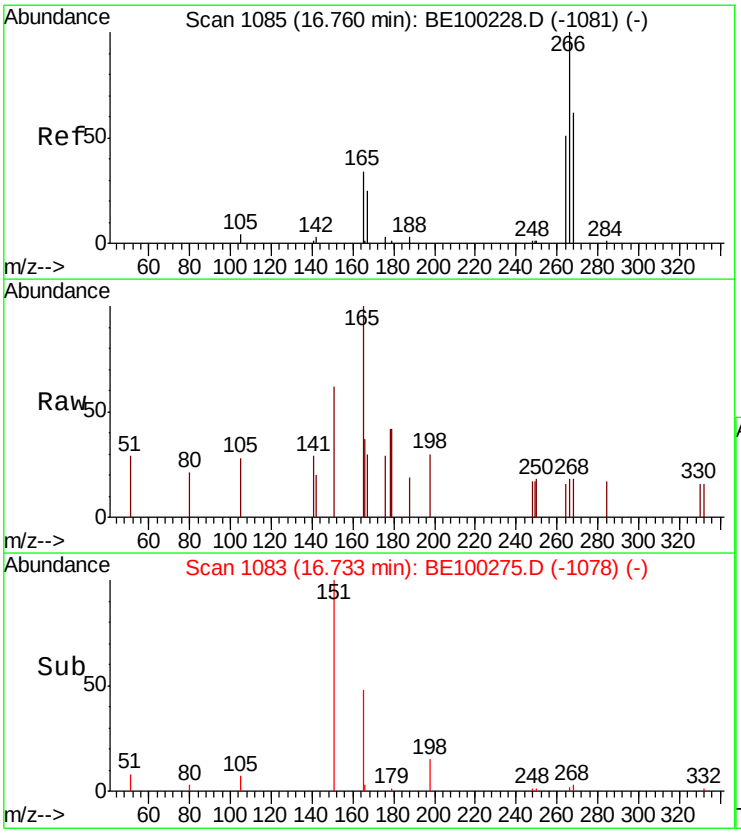
#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:284 Resp: 13

Ion	Ratio	Lower	Upper
284	100		
142	192.3	18.8	28.2#
249	76.9	23.7	35.5#

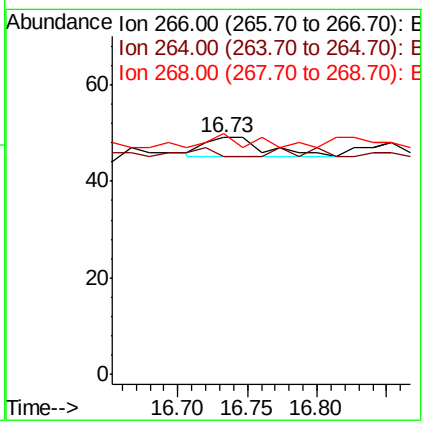


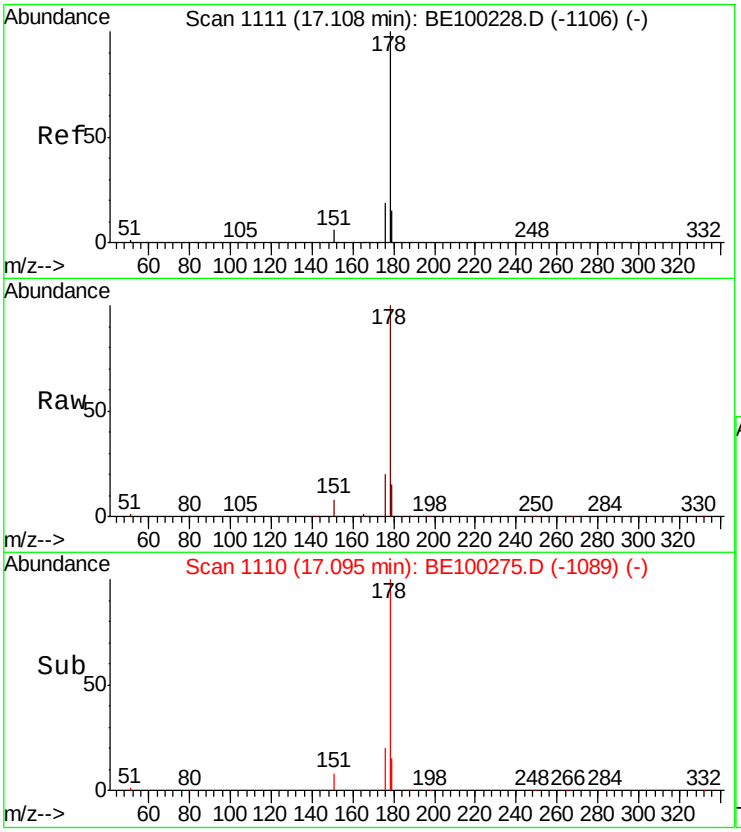


#22
Pentachlorophenol
Concen: 0.010 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	91.8	56.2	84.2#
268	102.0	61.8	92.6#



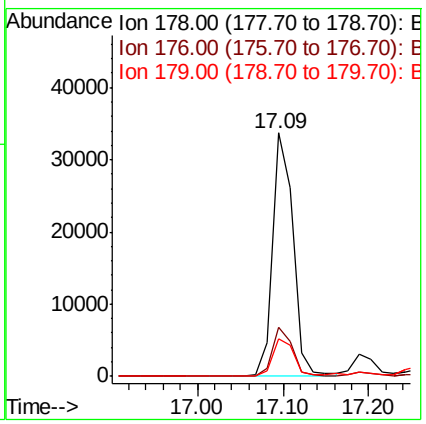


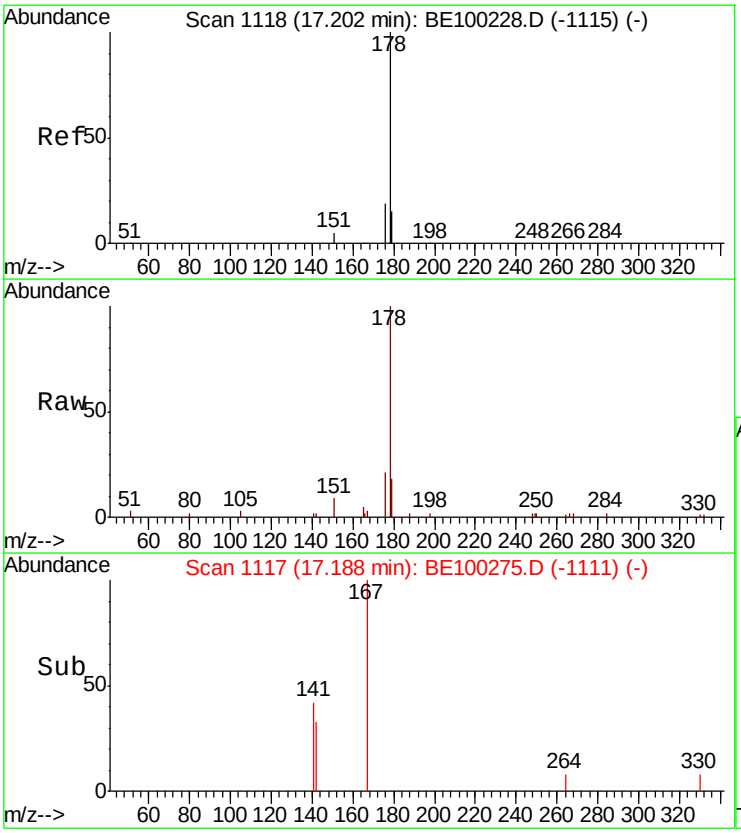
#23
Phenanthrene
Concen: 3.356 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:178 Resp: 55245

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.7	12.2	18.2

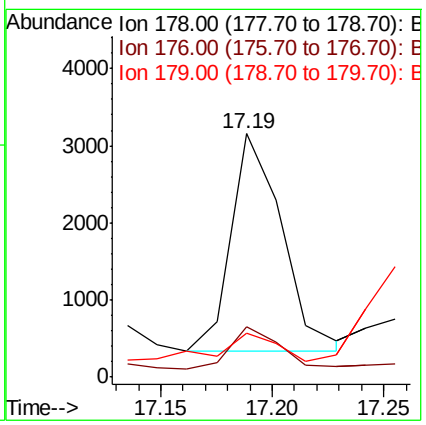


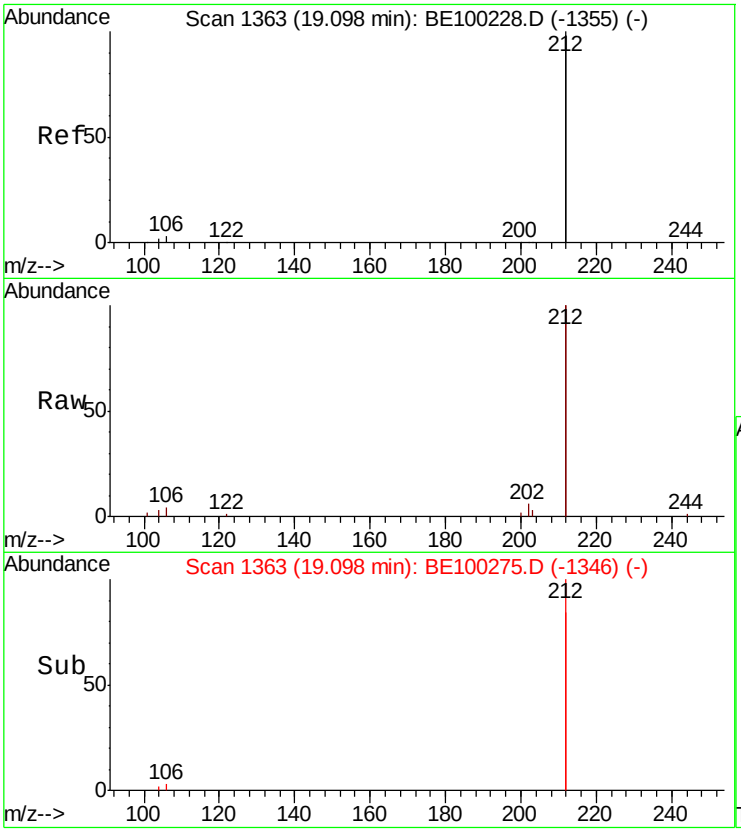


#24
Anthracene
Concen: 0.304 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:178 Resp: 4505

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	14.5	12.2	18.2



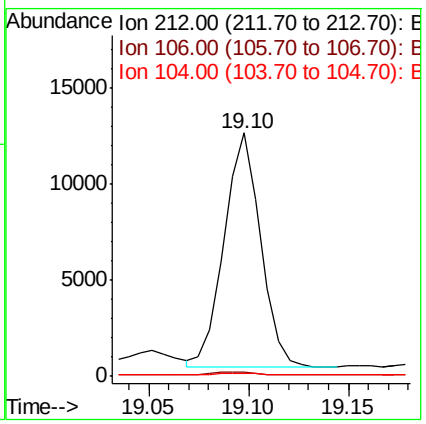


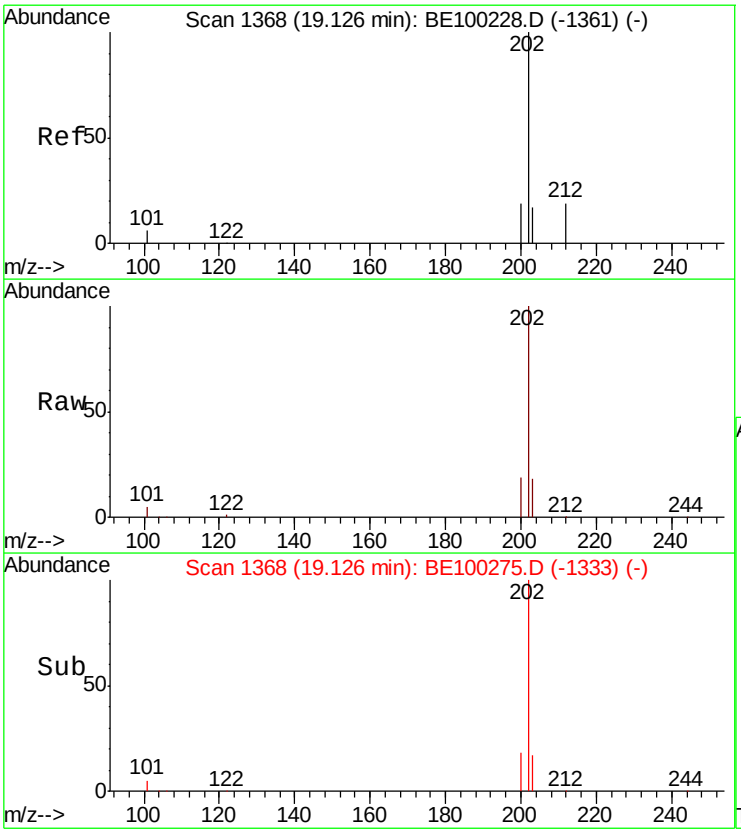
#25
Fluoranthene-d10
Concen: 0.155 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:212 Resp: 15288

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.8	1.2

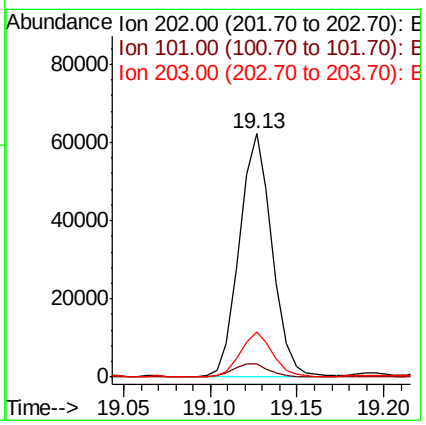


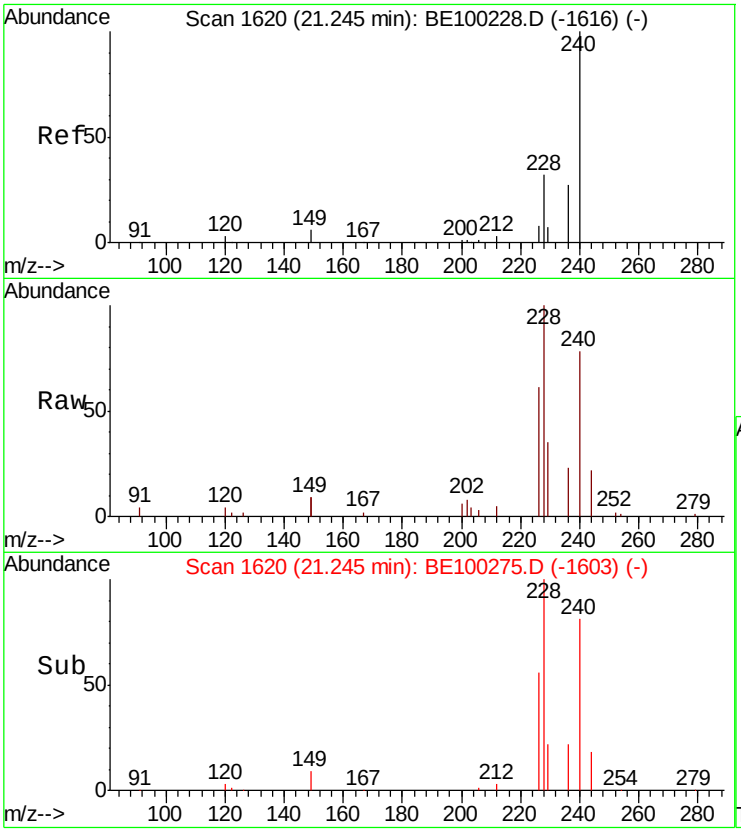


#26
Fluoranthene
Concen: 3.106 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:202 Resp: 81431

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.6	7.0
203	17.9	13.7	20.5



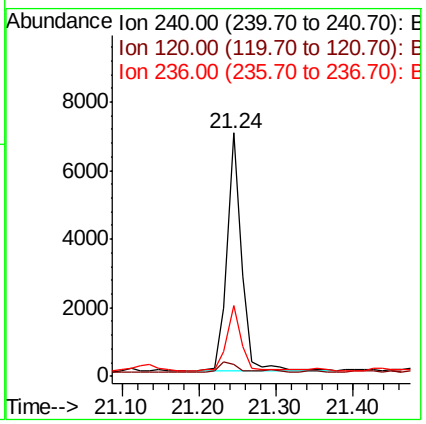


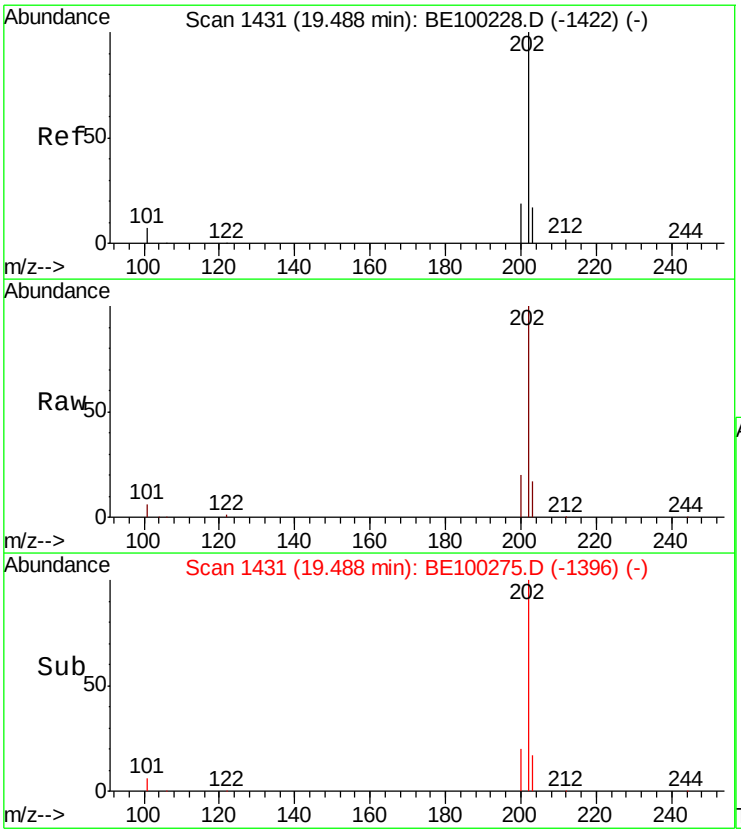
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:240 Resp: 9028

Ion	Ratio	Lower	Upper
240	100		
120	5.0	3.3	4.9#
236	29.1	22.6	34.0

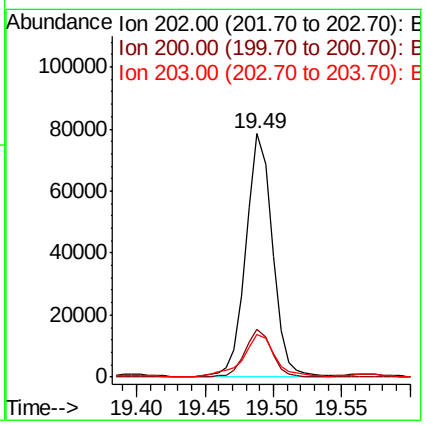


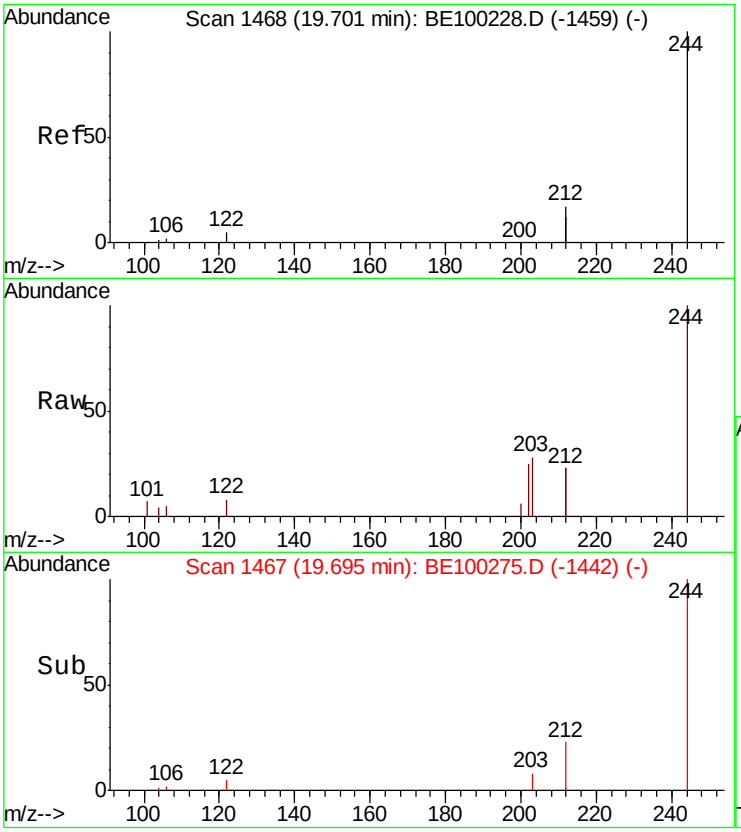


#28
Pyrene
Concen: 4.348 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:202 Resp: 103919

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.6	23.4
203	20.5	14.0	21.0



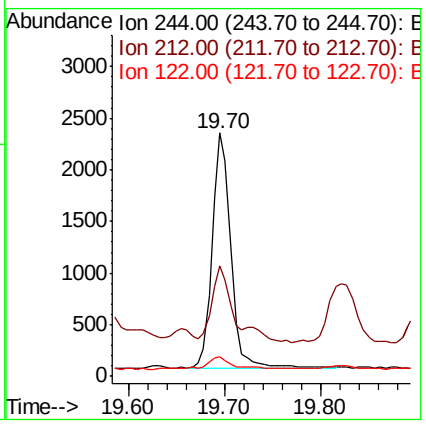


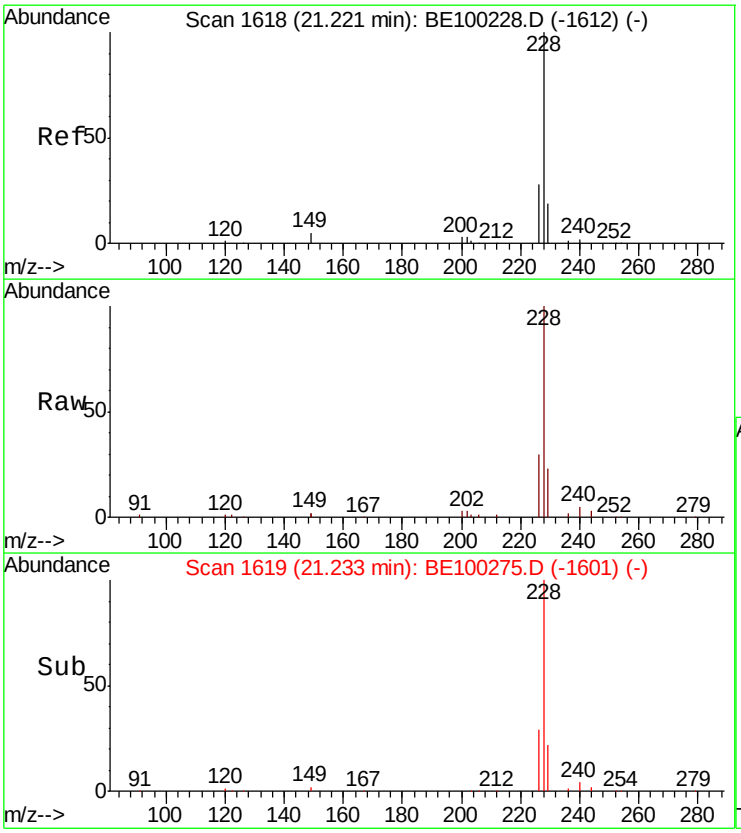
#29
Terphenyl-d14
Concen: 0.163 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:244 Resp: 3058

Ion	Ratio	Lower	Upper
244	100		
212	45.1	27.3	40.9#
122	8.1	4.7	7.1#

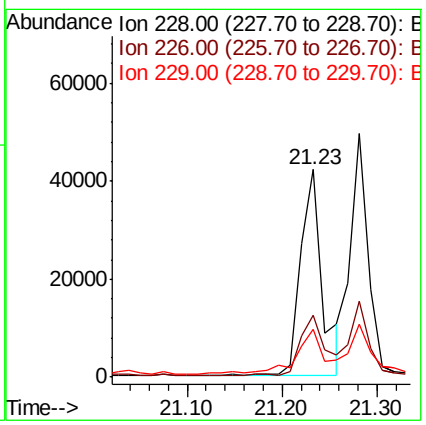


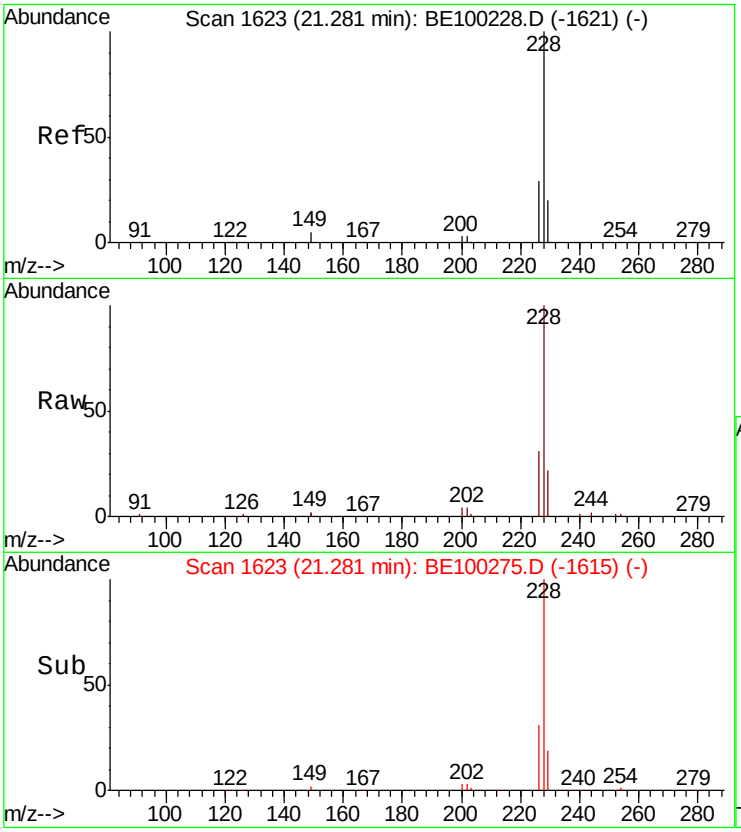


#30
Benzo(a)anthracene
Concen: 2.249 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:228 Resp: 66768

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.2	34.8
229	23.3	15.7	23.5



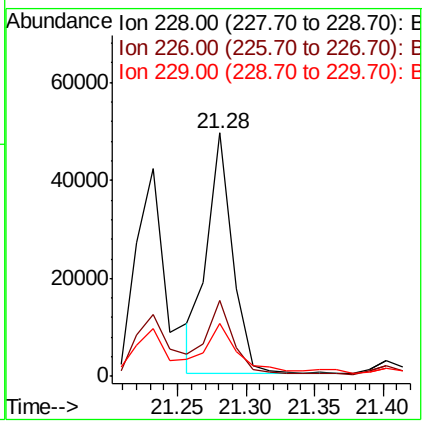


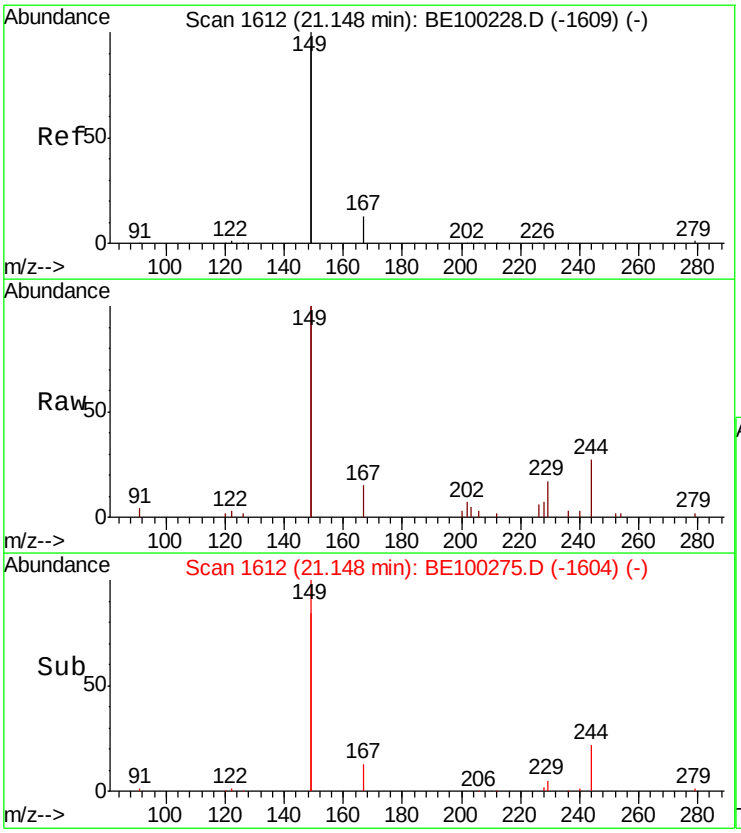
#31
Chrysene
Concen: 2.122 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:228 Resp: 63252

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.9	35.9
229	21.9	16.5	24.7

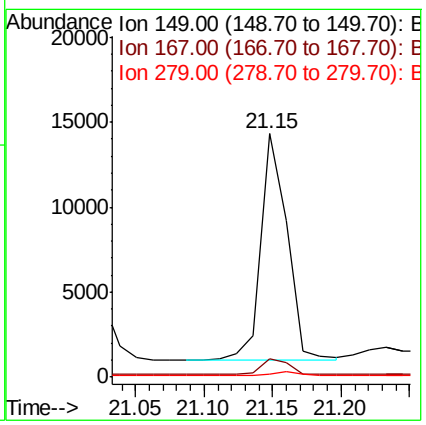


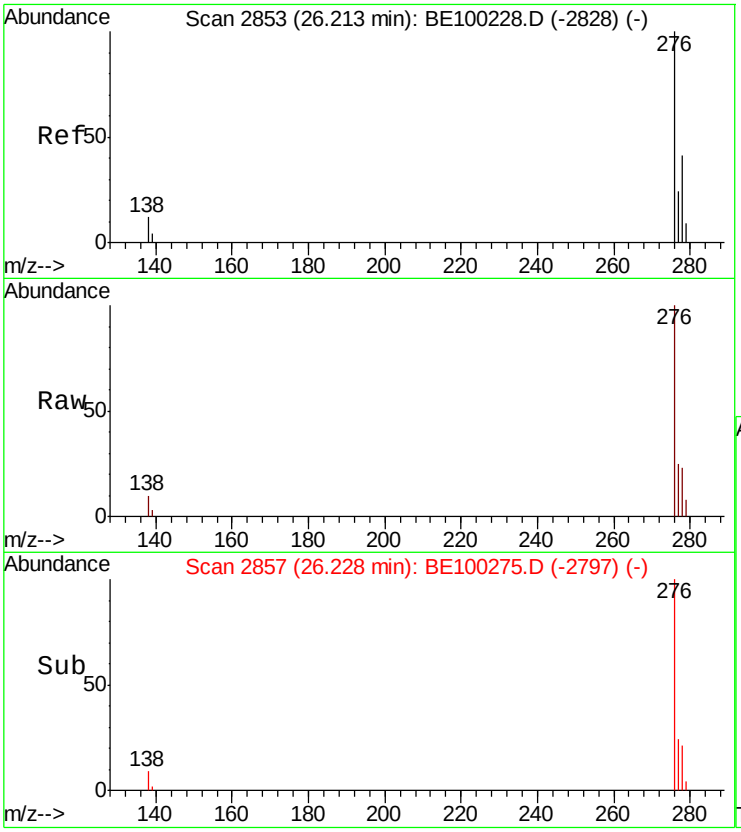


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.368 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:149 Resp: 17857

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.8	8.8
279	1.4	1.1	1.7



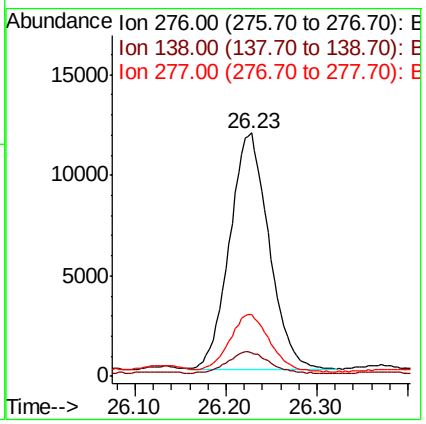


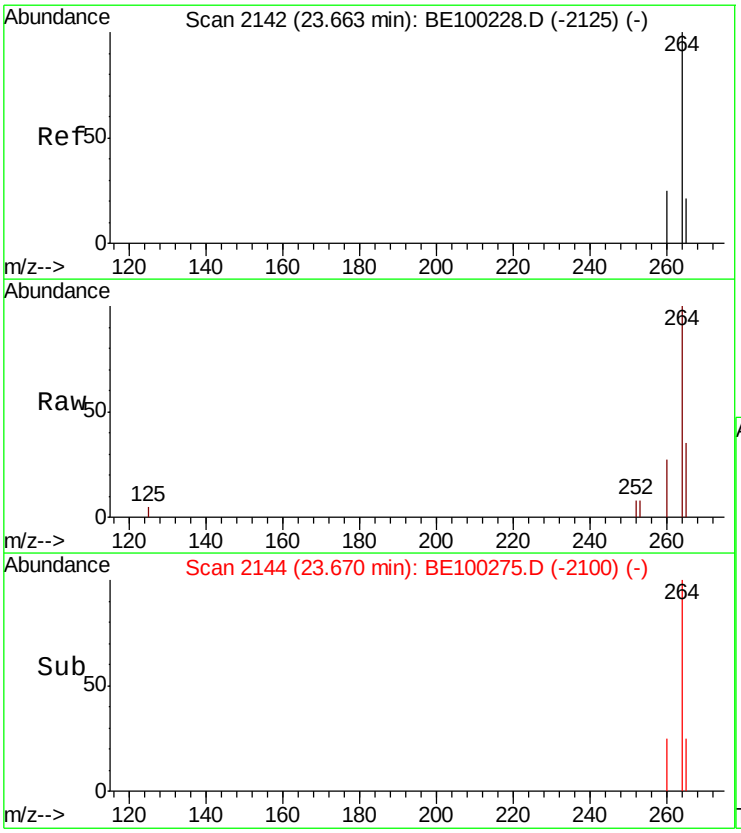
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.890 ng
RT: 26.23 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:276 Resp: 35104

Ion	Ratio	Lower	Upper
276	100		
138	9.5	9.4	14.0
277	24.9	19.2	28.8

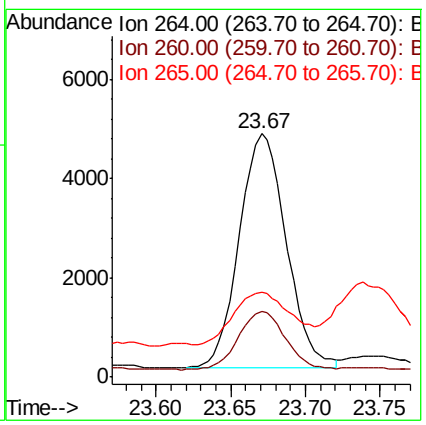


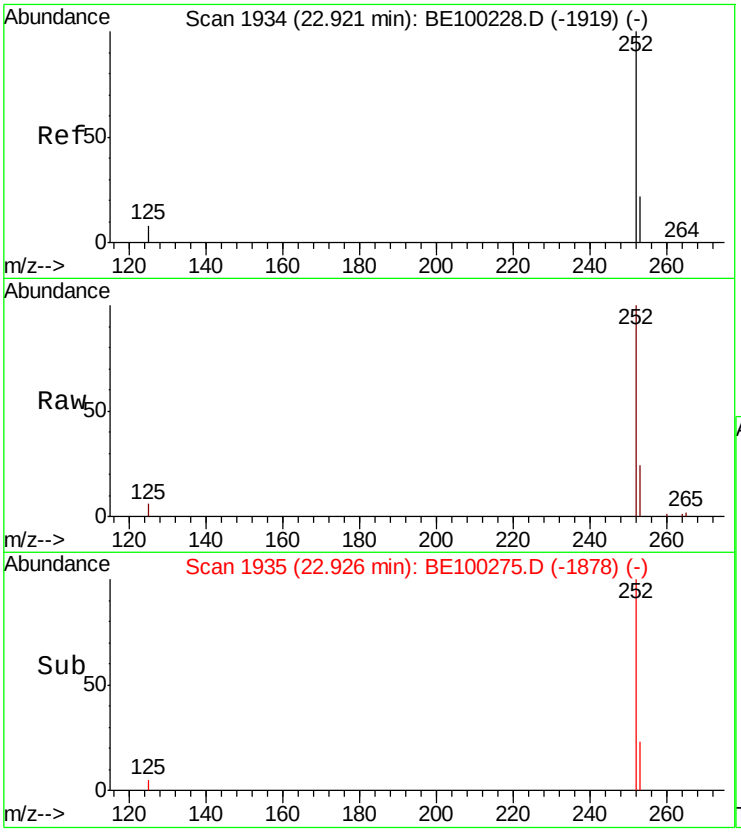


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:264 Resp: 10322

Ion	Ratio	Lower	Upper
264	100		
260	27.1	20.8	31.2
265	34.7	21.8	32.6#



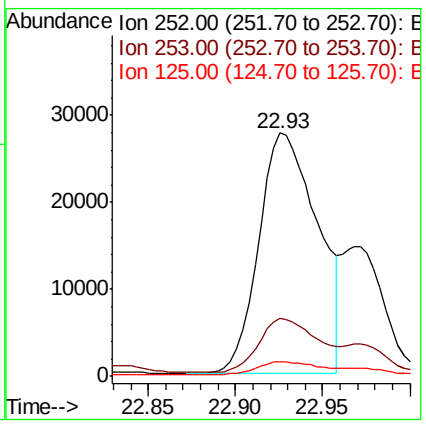


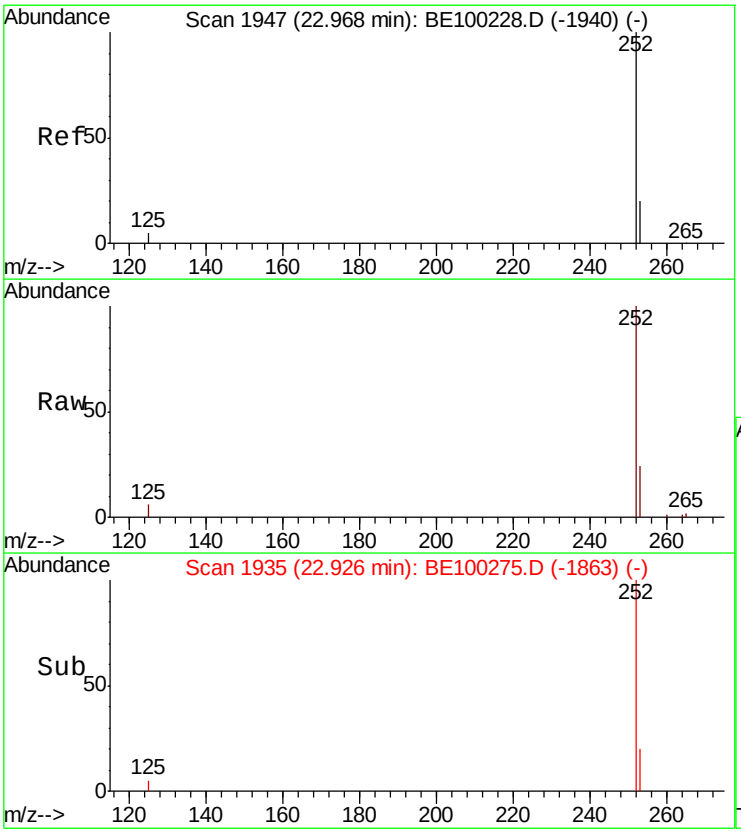
#35
Benzo(b)fluoranthene
Concen: 2.315 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:252 Resp: 64799

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	5.9	7.4	11.0#

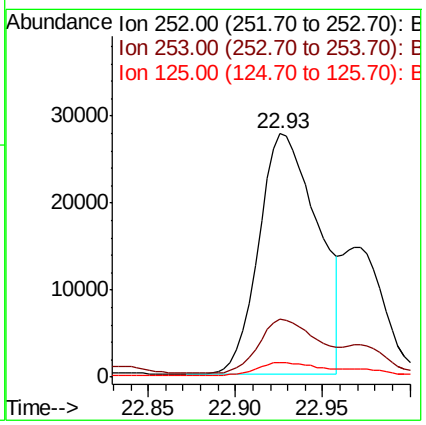


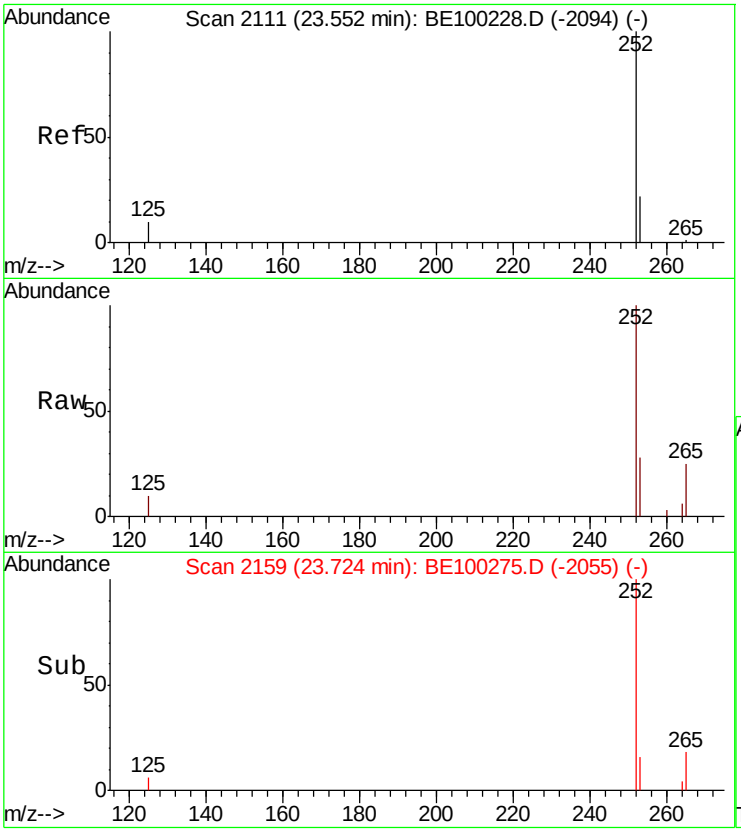


#36
Benzo(k)fluoranthene
Concen: 2.074 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.04 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:252 Resp: 64799

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	5.9	5.0	7.4



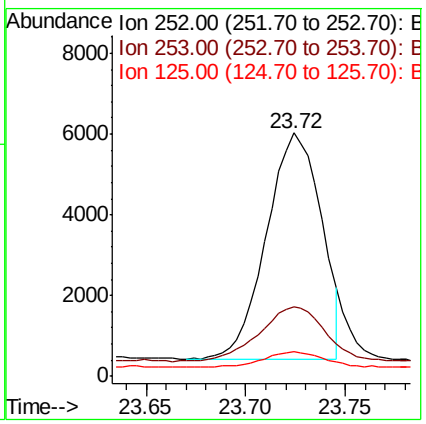


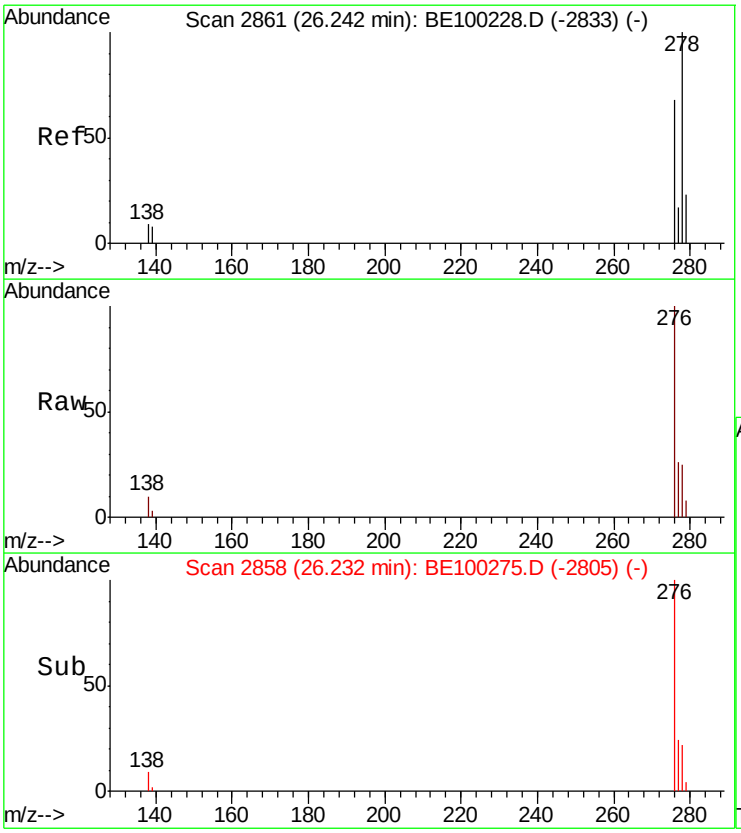
#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.72 min Scan# 2159
Delta R.T. 0.17 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:252 Resp: 10743

Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.6	29.4
125	9.9	9.0	13.6

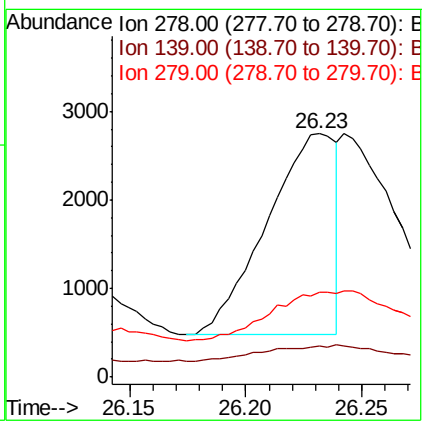


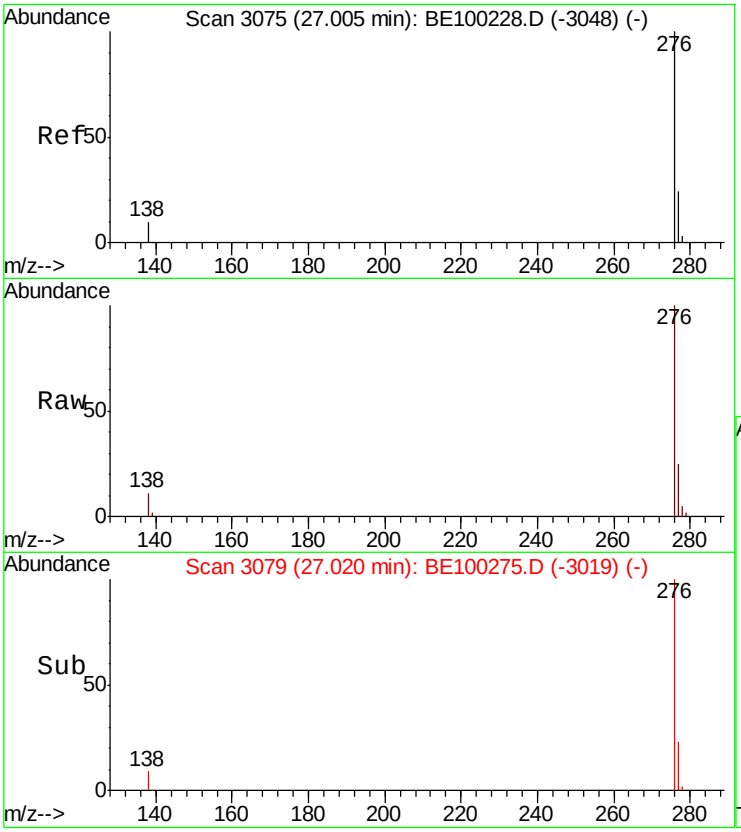


#38
Dibenzo(a,h)anthracene
Concen: 0.159 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:278 Resp: 4672

Ion	Ratio	Lower	Upper
278	100		
139	12.7	8.2	12.2#
279	34.6	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.244 ng
RT: 27.02 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:276 Resp: 37431

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.2	30.2
138	10.6	9.0	13.6