Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100262.D
Acq On : 1 Jul 2019 13:06
Operator : JU/SJ
Sample : K3428-18DL 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-084-SW167-061319DL

Quant Time: Jul 02 02:19:06 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	7.65	152	746	0.40	ng		0.00
7) Naphthalene-d8	10.45	136	2833	0.40	ng		0.00
13) Acenaphthene-d10	14.33	164	2362	0.40	ng		0.01
19) Phenanthrene-d10	17.05	188	6914	0.40	ng		0.00
27) Chrysene-d12	21.25	240	9204	0.40	ng		0.00
34) Perylene-d12	23.67	264	11000	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	111	0.06	ng		0.00
5) Phenol-d6	6.84	99	209	0.08	ng		0.00
8) Nitrobenzene-d5	8.82	82	217	0.08	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	116	0.02	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	140	0.08	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	606	0.07	ng		0.00
25) Fluoranthene-d10	19.10	212	1850	0.02	ng		0.00
29) Terphenyl-d14	19.70	244	2848	0.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	21	0.018	ng	#	1
3) n-Nitrosodimethylamine	3.45	42	17	0.032	ng	#	63
6) bis(2-Chloroethyl)ether	7.08	93	104	0.051	ng	#	81
9) Naphthalene	10.48	128	6517	0.209	ng		99
10) Hexachlorobutadiene	10.76	225	112	0.037	ng		87
12) 2-Methylnaphthalene	12.12	142	1349	0.246	ng		98
16) Acenaphthylene	14.04	152	12363	1.091	ng		98
17) Acenaphthene	14.38	154	1208	0.188	ng	#	93
18) Fluorene	15.35	166	4373	0.460	ng	#	85
20) 4-Bromophenyl-phenylether	16.25	248	274	0.062	ng	#	74
21) Hexachlorobenzene	16.37	284	251	0.055	ng	#	88
22) Pentachlorophenol	16.72	266	132	0.096	ng		91
23) Phenanthrene	17.09	178	80751	4.819	ng		99
24) Anthracene	17.19	178	7566	0.501	ng	#	95
26) Fluoranthene	19.13	202	109638	4.108	ng		98
28) Pyrene	19.49	202	182673	7.496	ng		97
30) Benzo(a)anthracene	21.28	228	116319	3.844	ng		95
31) Chrysene	21.28	228	115696	3.807	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	4508	0.048	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.23	276	49141	1.223	ng		97
35) Benzo(b)fluoranthene	22.93	252	84411	2.830	ng	#	96
36) Benzo(k)fluoranthene	22.93	252	84411	2.536	ng		98
37) Benzo(a)pyrene	23.56	252	76639	2.564	ng	#	93
38) Dibenzo(a,h)anthracene	26.25	278	15720	0.504	ng	#	87
39) Benzo(g,h,i)perylene	27.02	276	58997	1.840	ng		99

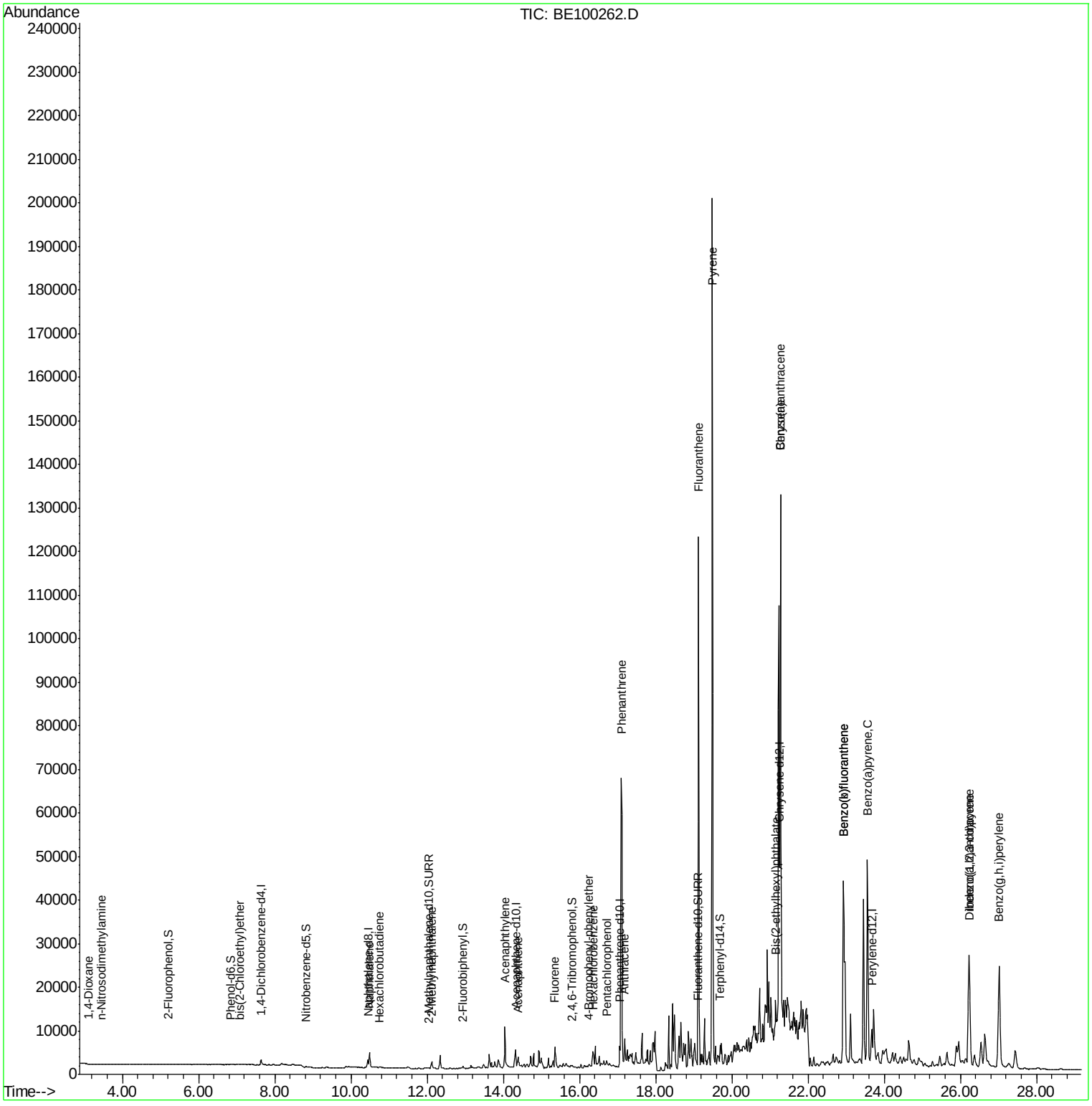
(#) = qualifier out of range (m) = manual integration (+) = signals summed

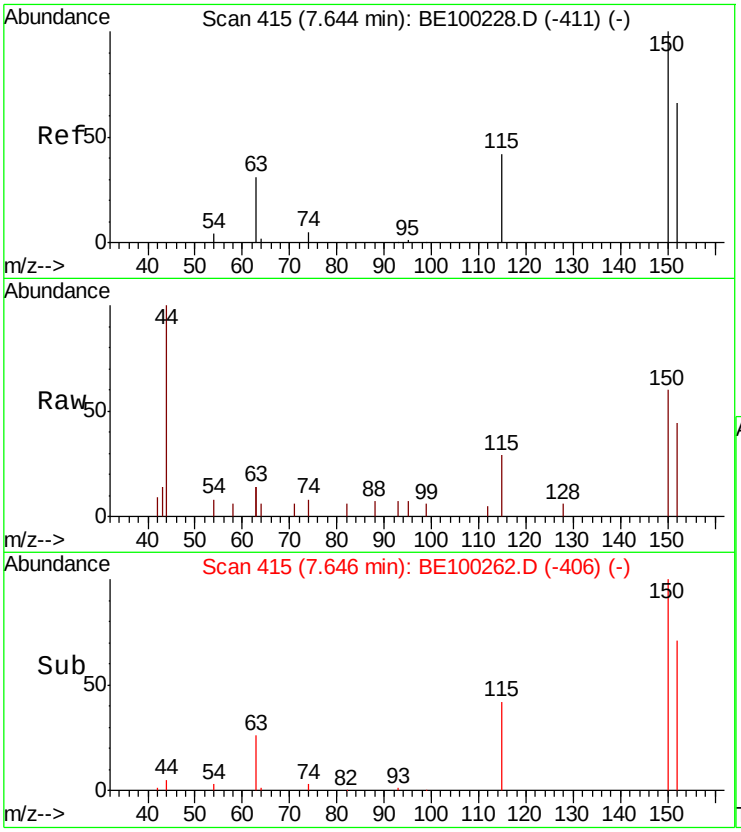
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100262.D
Acq On : 1 Jul 2019 13:06
Operator : JU/SJ
Sample : K3428-18DL 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Quant Time: Jul 02 02:19:06 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



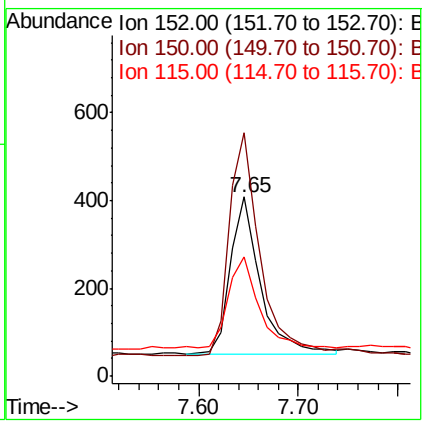


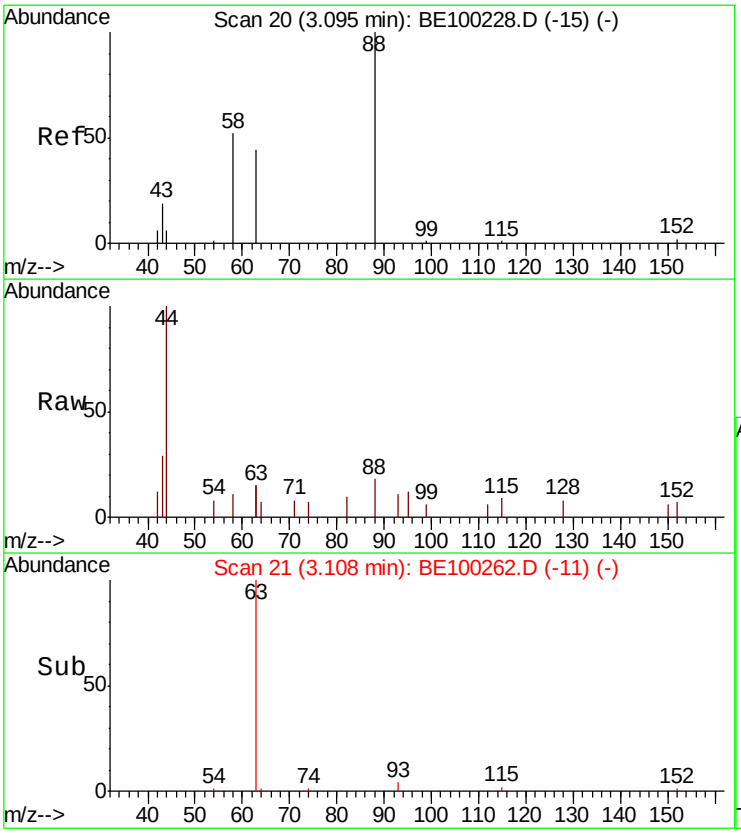
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:152 Resp: 746

Ion	Ratio	Lower	Upper
152	100		
150	135.8	114.5	171.7
115	66.9	57.1	85.7

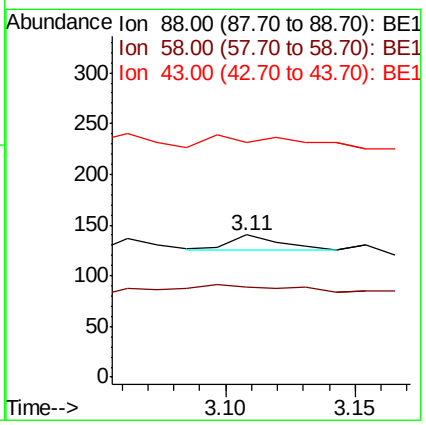


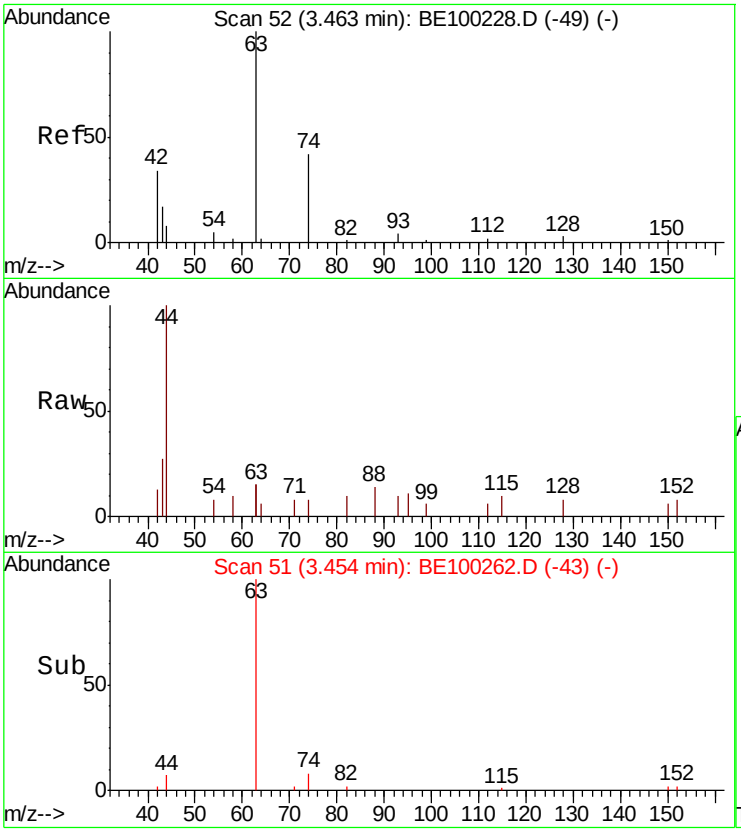


#2
1,4-Dioxane
Concen: 0.018 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
58	90.5	43.6	65.4#
43	142.9	21.4	32.0#



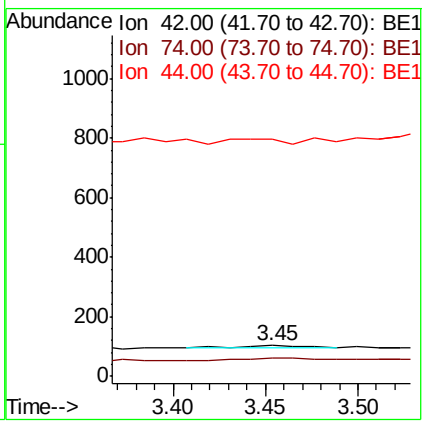


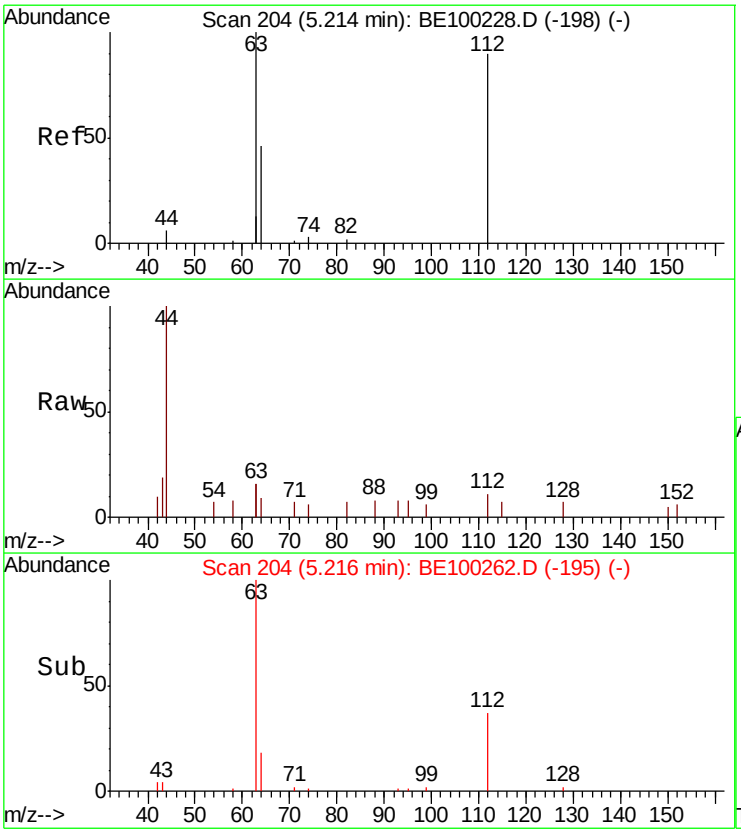
#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.45 min Scan# 51
Delta R.T. -0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion: 42 Resp: 17

Ion	Ratio	Lower	Upper
42	100		
74	200.0	130.6	196.0#
44	0.0	38.0	57.0#

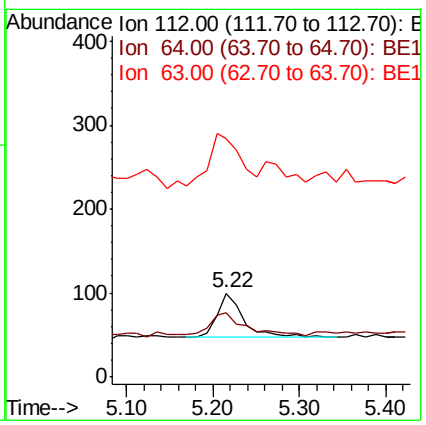


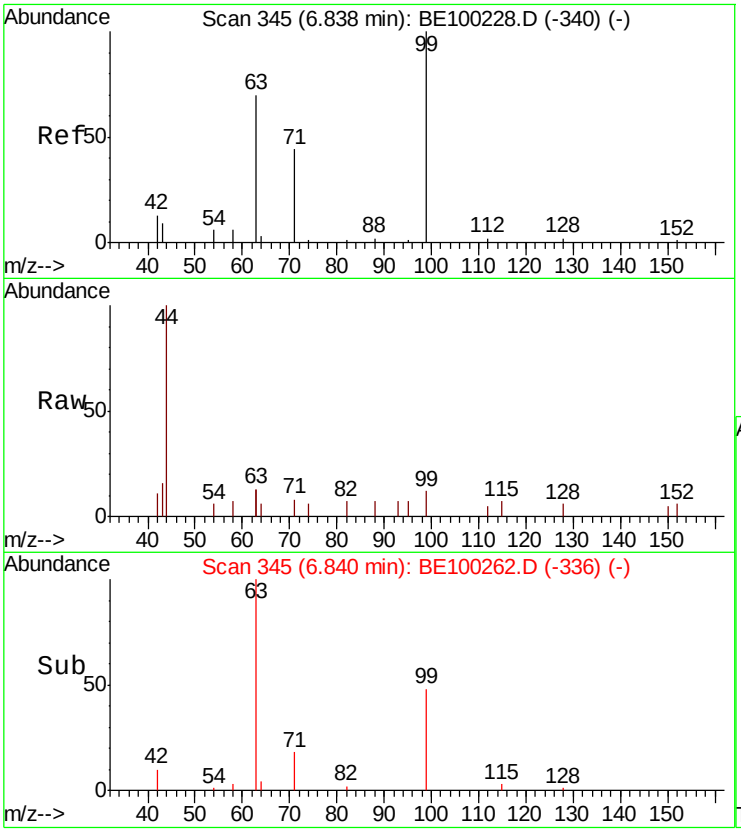


#4
2-Fluorophenol
Concen: 0.058 ng
RT: 5.22 min Scan# 204
Delta R.T. 0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:112 Resp: 111

Ion	Ratio	Lower	Upper
112	100		
64	69.4	39.4	59.0#
63	162.2	104.5	156.7#



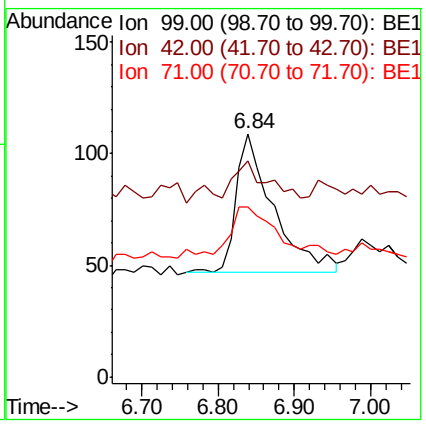


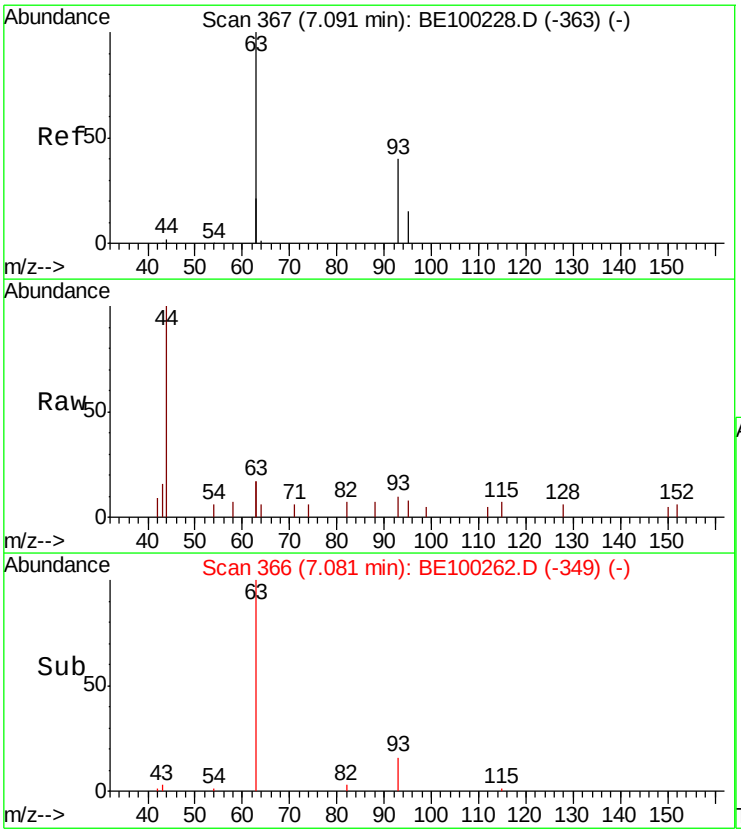
#5
Phenol-d6
Concen: 0.084 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion: 99 Resp: 209

Ion	Ratio	Lower	Upper
99	100		
42	23.9	11.2	16.8#
71	36.4	37.2	55.8#

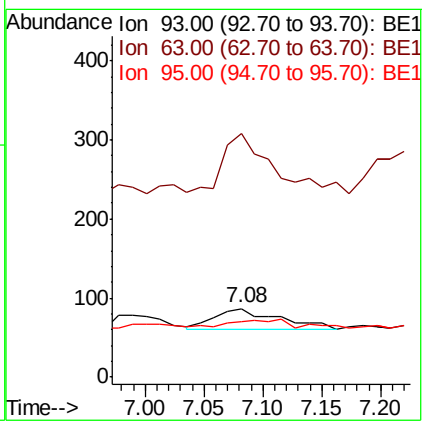


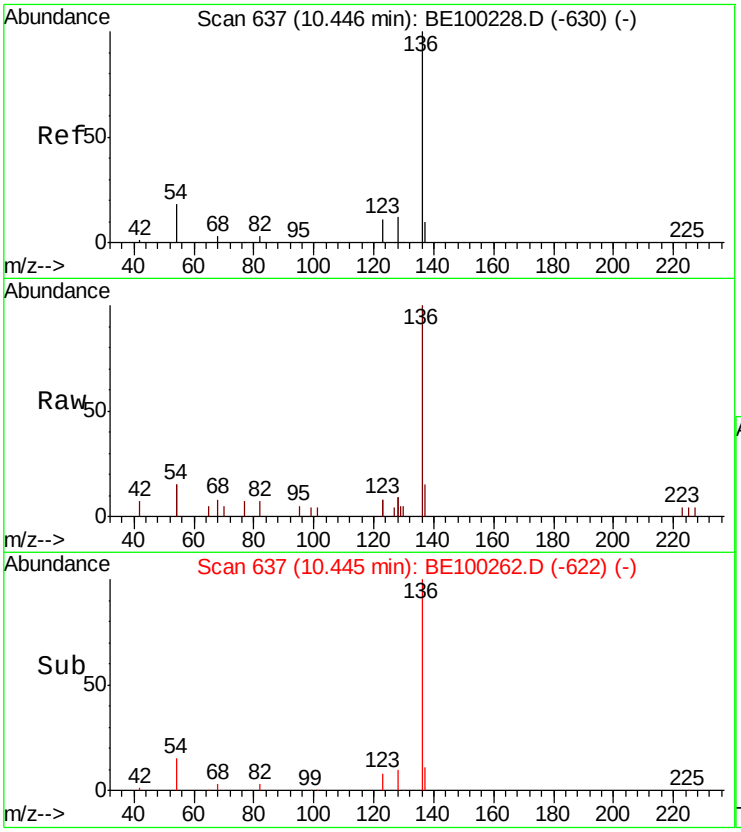


#6
bis(2-Chloroethyl)ether
Concen: 0.051 ng
RT: 7.08 min Scan# 366
Delta R.T. -0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion: 93 Resp: 104

Ion	Ratio	Lower	Upper
93	100		
63	214.4	155.6	233.4
95	0.0	23.0	34.4#



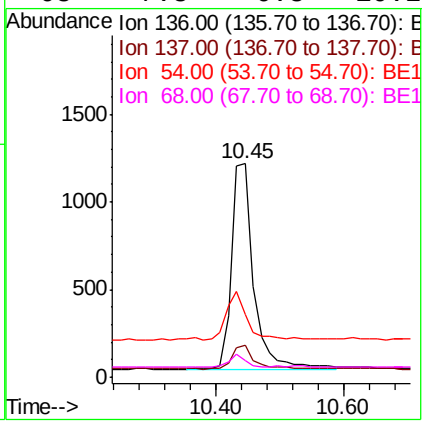


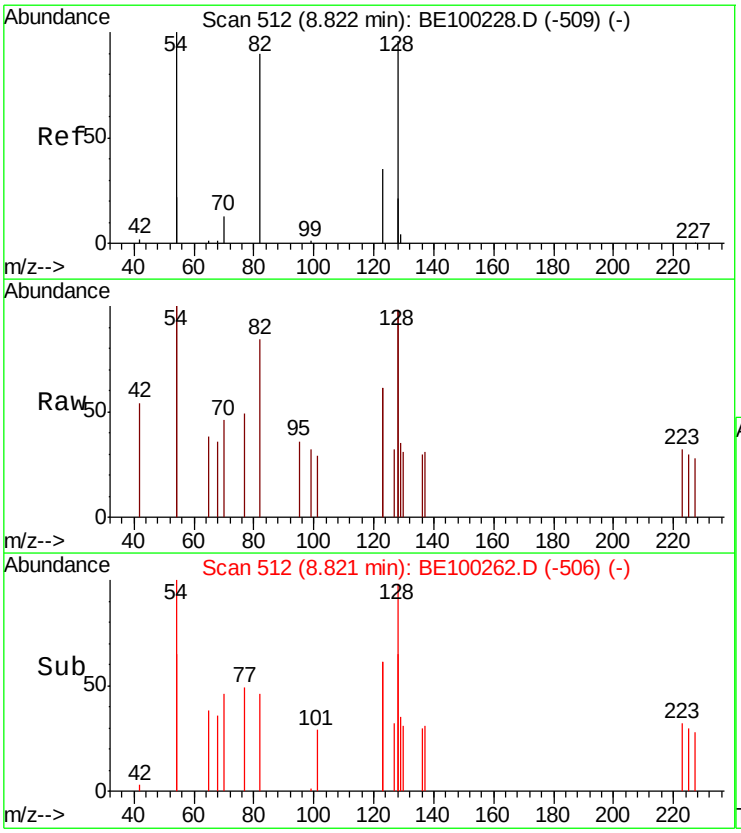
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:136 Resp: 2833

Ion	Ratio	Lower	Upper
136	100		
137	14.7	11.8	17.8
54	29.5	27.7	41.5
68	7.8	6.8	10.2

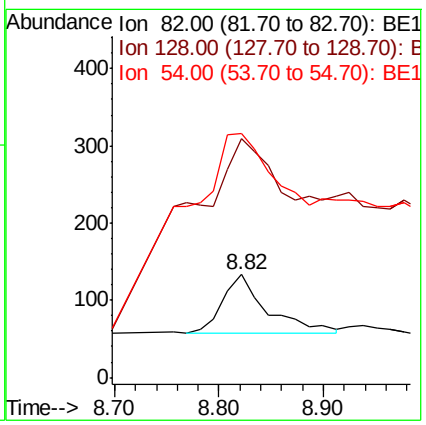


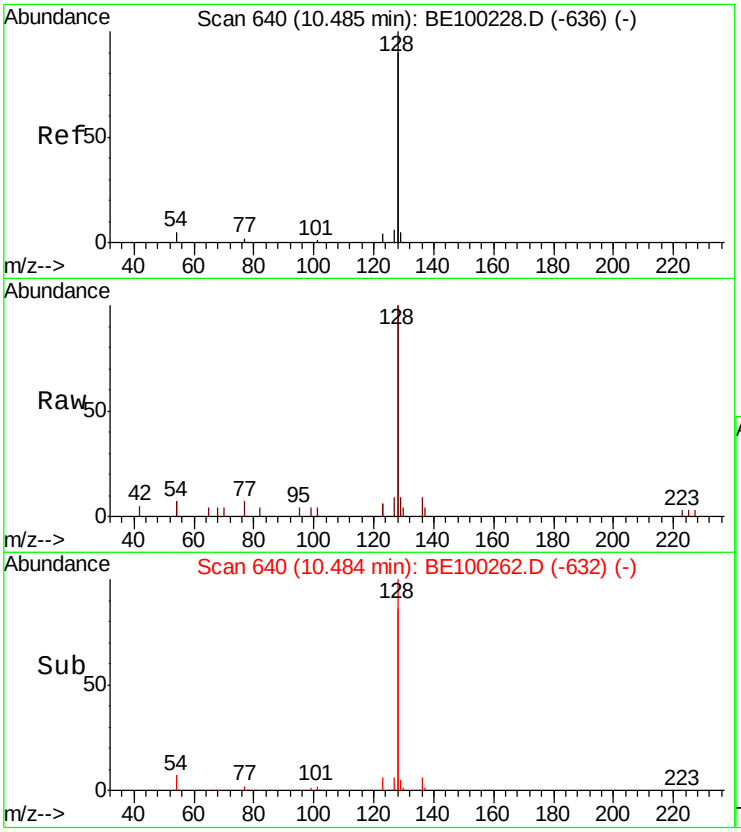


#8
Nitrobenzene-d5
Concen: 0.077 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion: 82 Resp: 217

Ion	Ratio	Lower	Upper
82	100		
128	233.1	140.9	211.3#
54	237.6	146.2	219.2#



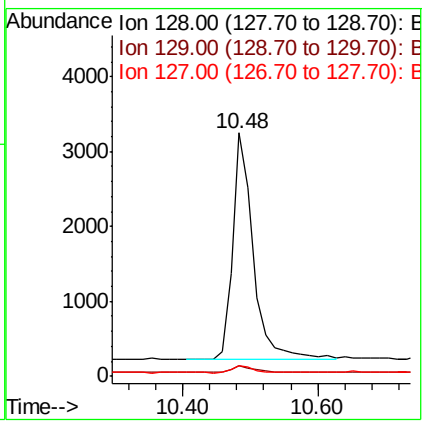


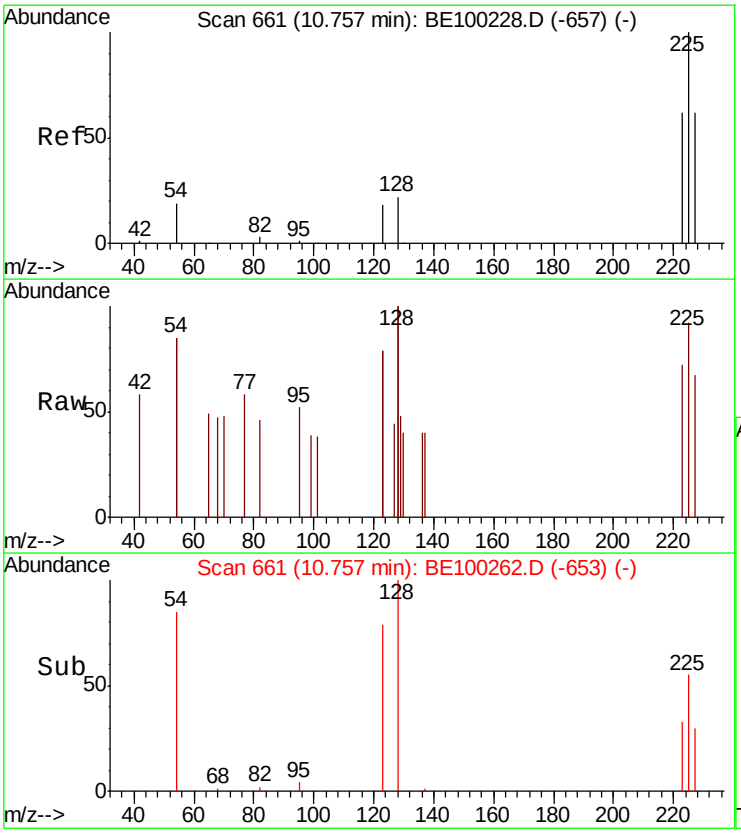
#9
Naphthalene
Concen: 0.209 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:128 Resp: 6517

Ion	Ratio	Lower	Upper
128	100		
129	4.3	3.0	4.6
127	4.6	3.5	5.3

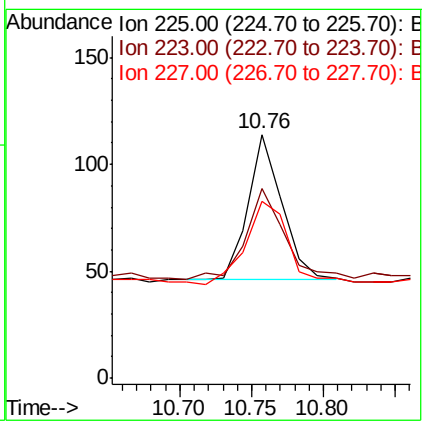


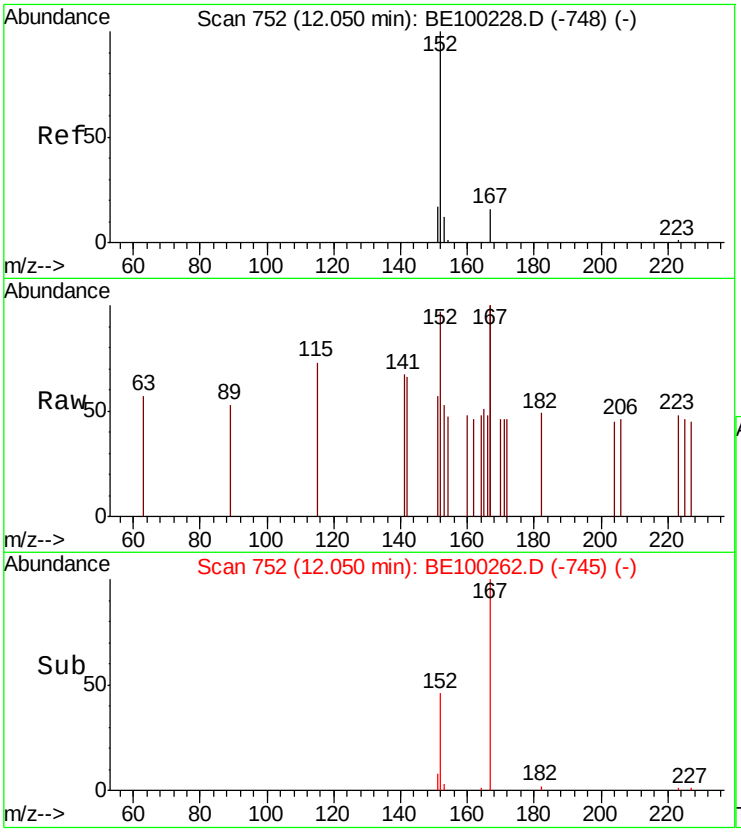


#10
Hexachlorobutadiene
Concen: 0.037 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:225 Resp: 112

Ion	Ratio	Lower	Upper
225	100		
223	72.3	49.1	73.7
227	70.5	49.3	73.9



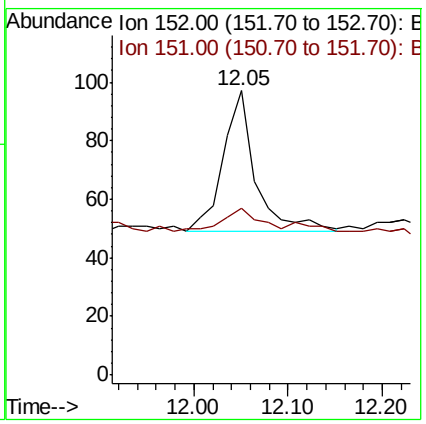


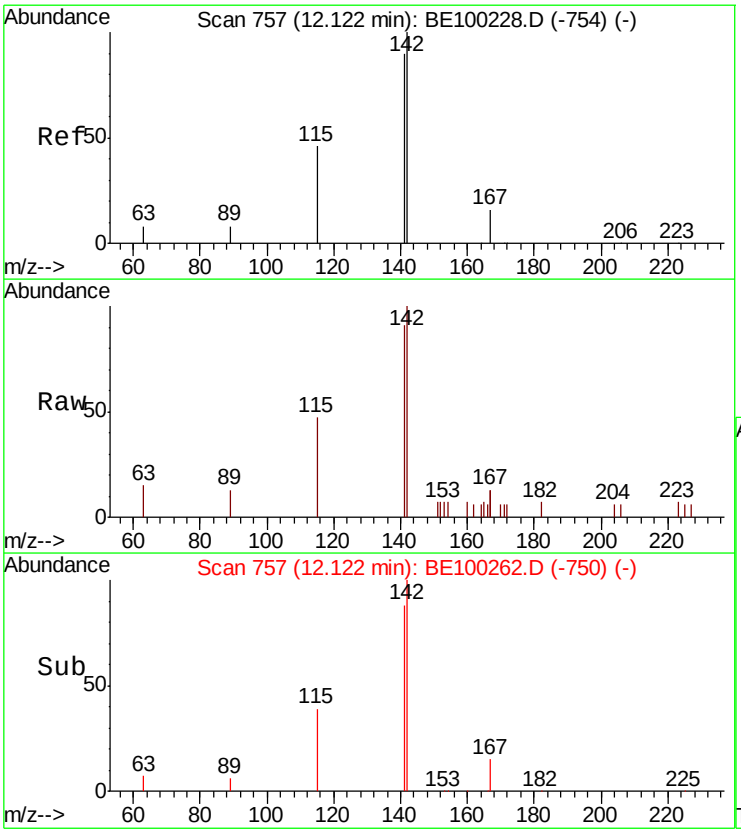
#11
2-Methylnaphthalene-d10
Concen: 0.022 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:152 Resp: 116

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

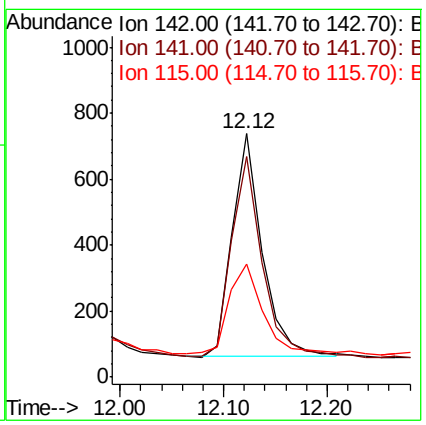


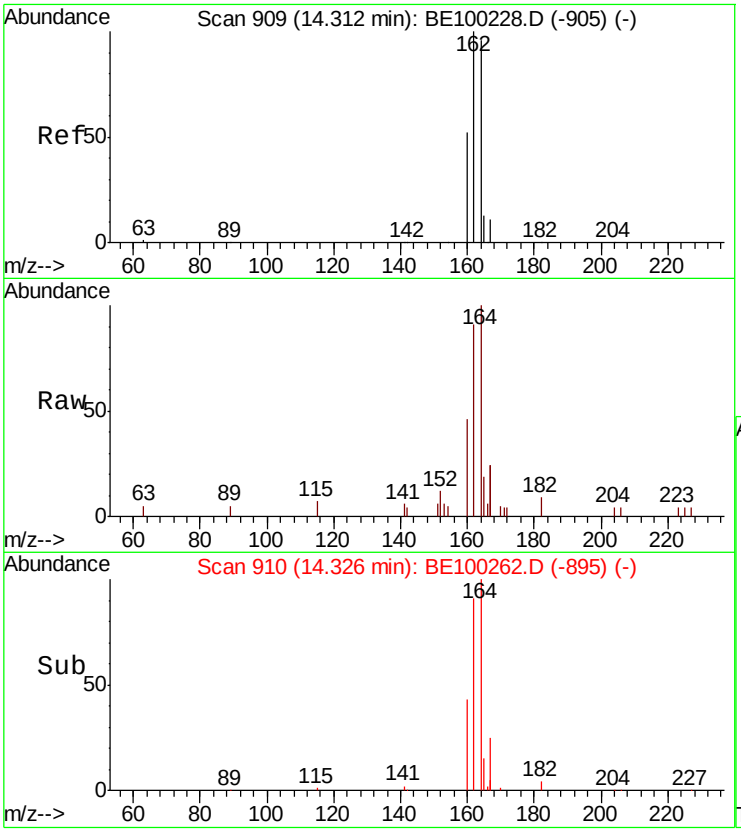


#12
2-Methylnaphthalene
Concen: 0.246 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:142 Resp: 1349

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.4	108.6
115	46.6	40.4	60.6



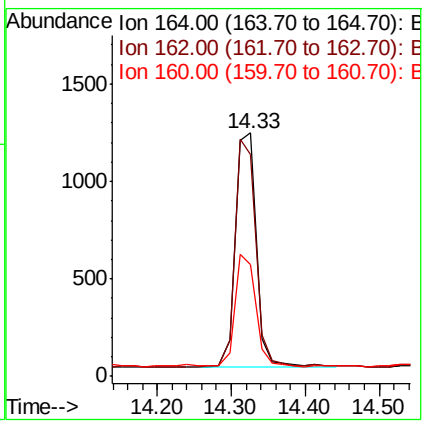


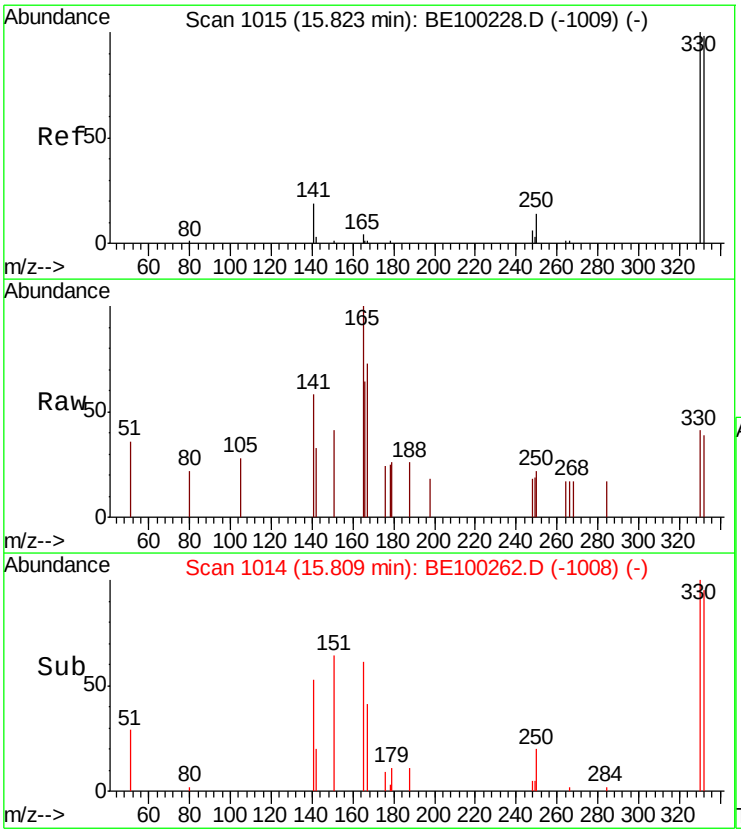
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:164 Resp: 2362

Ion	Ratio	Lower	Upper
164	100		
162	91.1	83.4	125.0
160	46.0	45.0	67.6

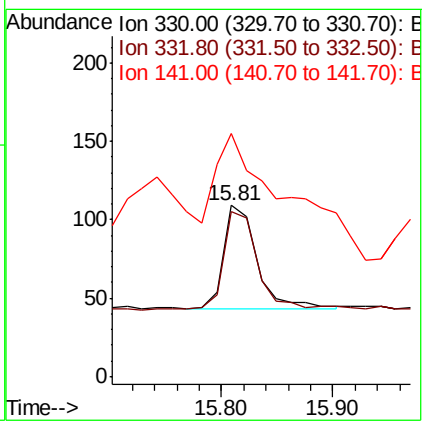


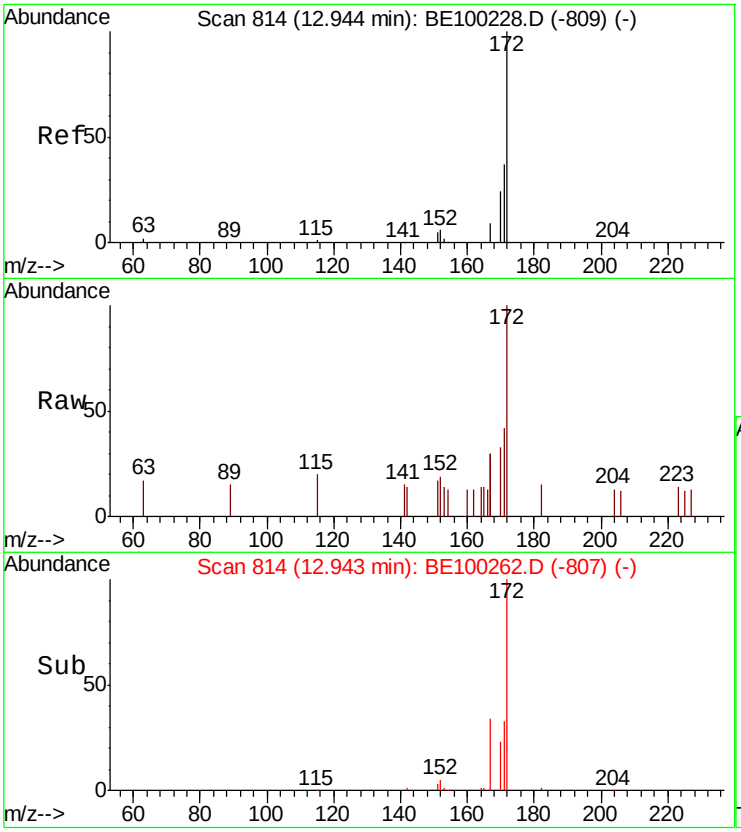


#14
2,4,6-Tribromophenol
Concen: 0.085 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:330 Resp: 140

Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.4
141	257.1	22.0	33.0#



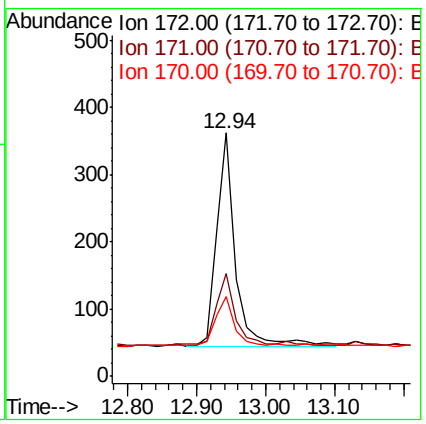


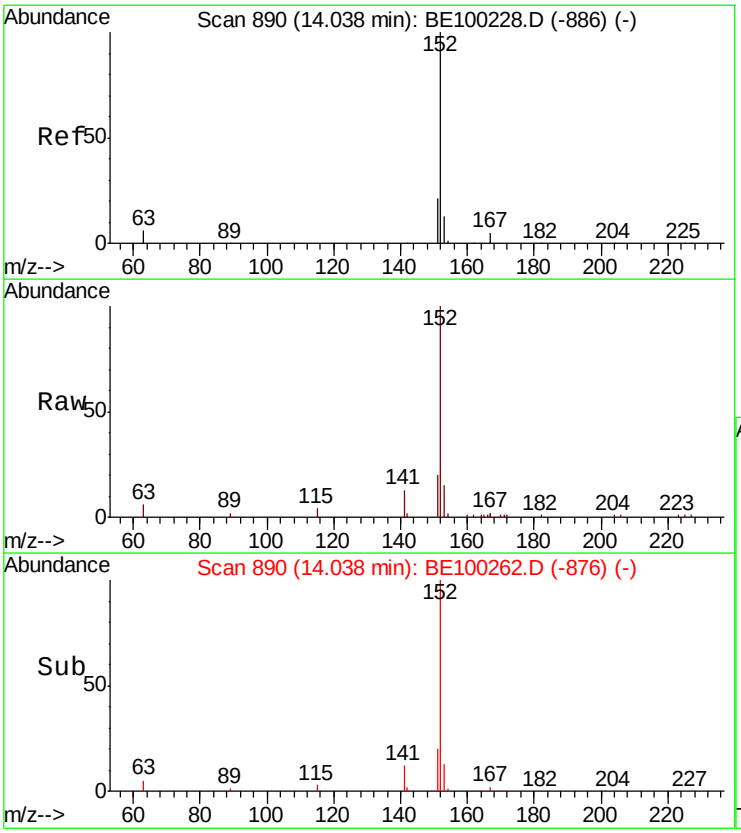
#15
2-Fluorobiphenyl
Concen: 0.066 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:172 Resp: 606

Ion	Ratio	Lower	Upper
172	100		
171	42.3	31.9	47.9
170	32.9	22.2	33.2

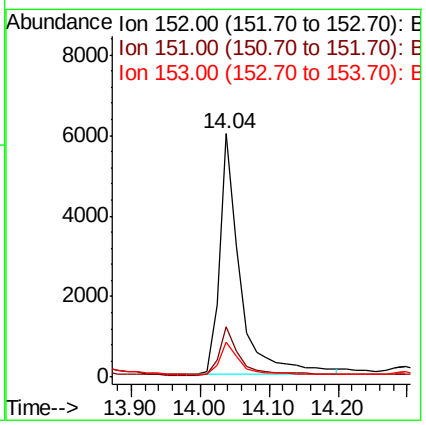


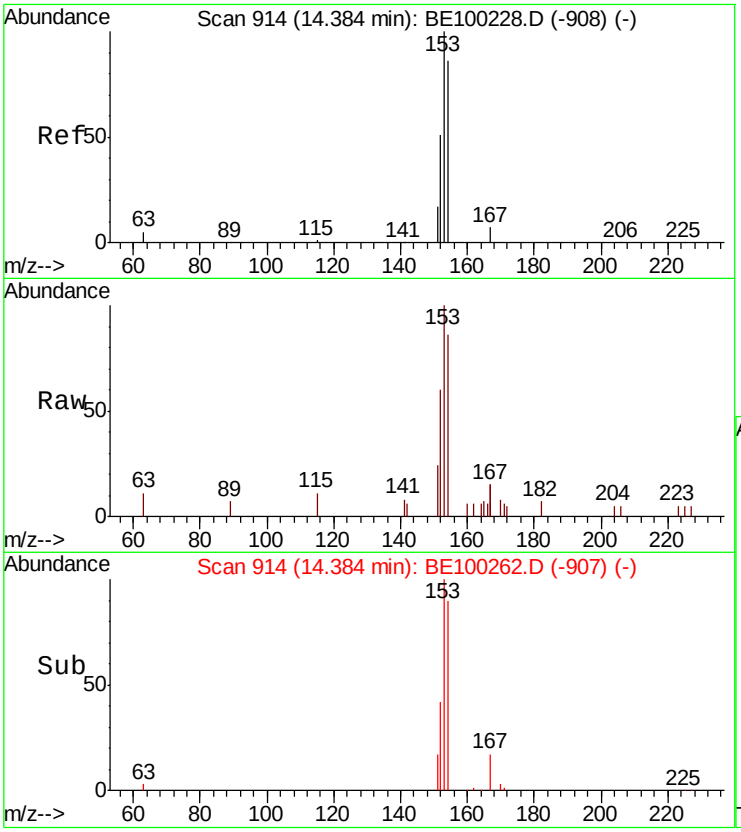


#16
Acenaphthylene
Concen: 1.091 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:152 Resp: 12363

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.6	25.0
153	13.5	10.5	15.7



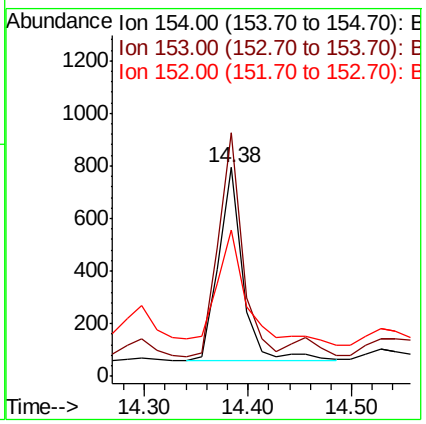


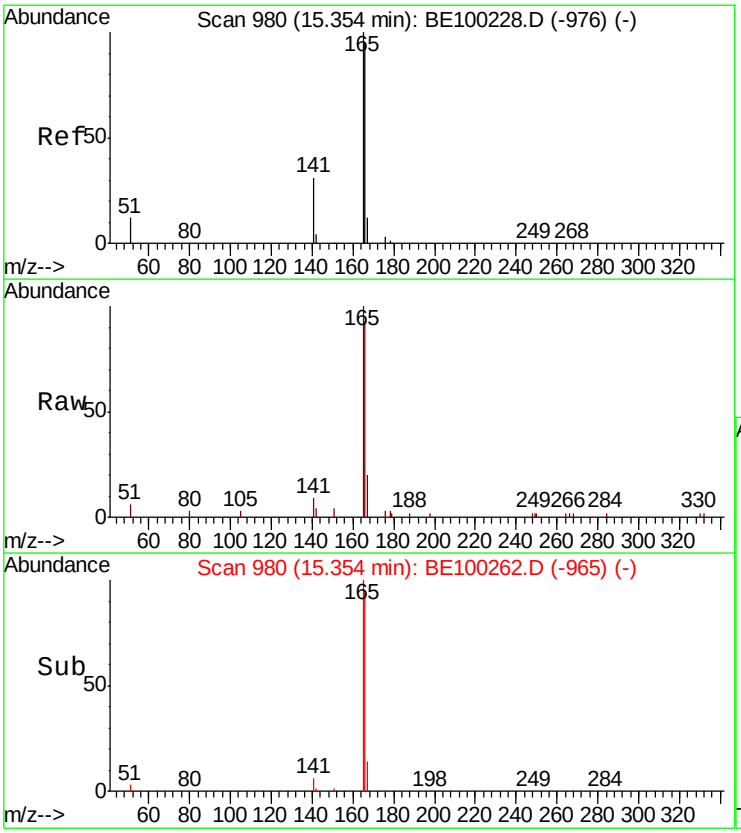
#17
Acenaphthene
Concen: 0.188 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:154 Resp: 1208

Ion	Ratio	Lower	Upper
154	100		
153	115.1	93.4	140.2
152	75.2	49.4	74.2#

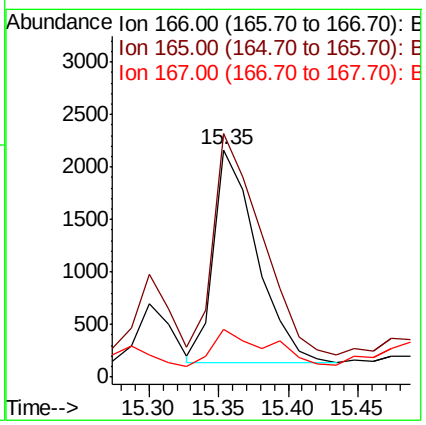


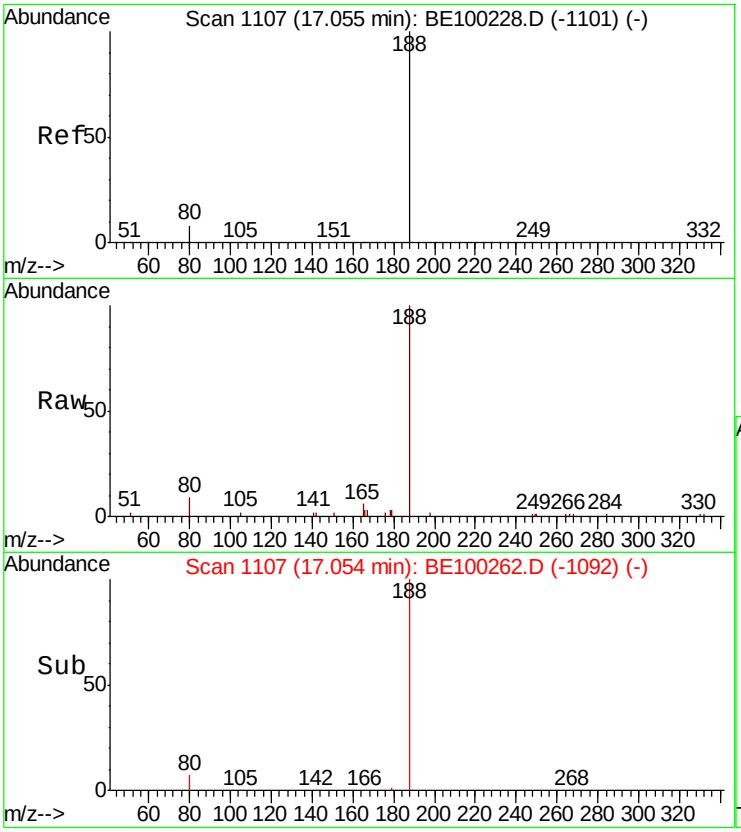


#18
Fluorene
Concen: 0.460 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:166 Resp: 4373

Ion	Ratio	Lower	Upper
166	100		
165	115.2	81.1	121.7
167	22.2	10.7	16.1#



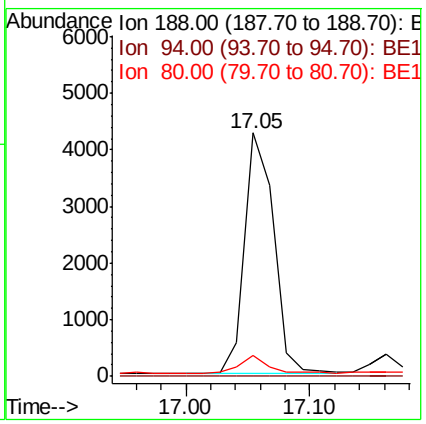


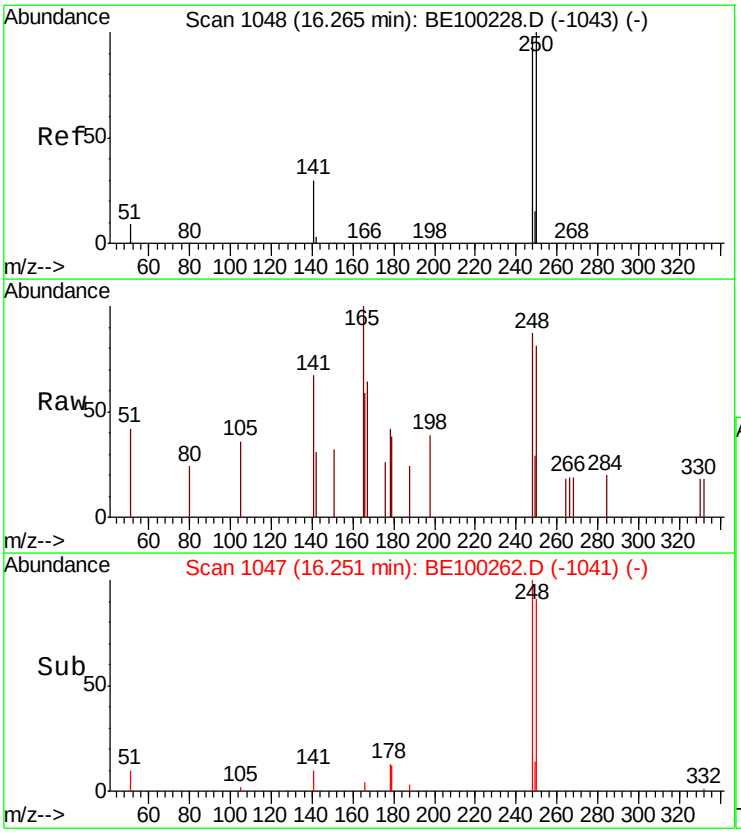
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:188 Resp: 6914

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	7.6	11.4

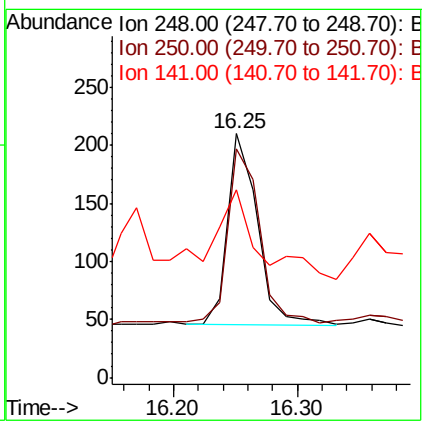


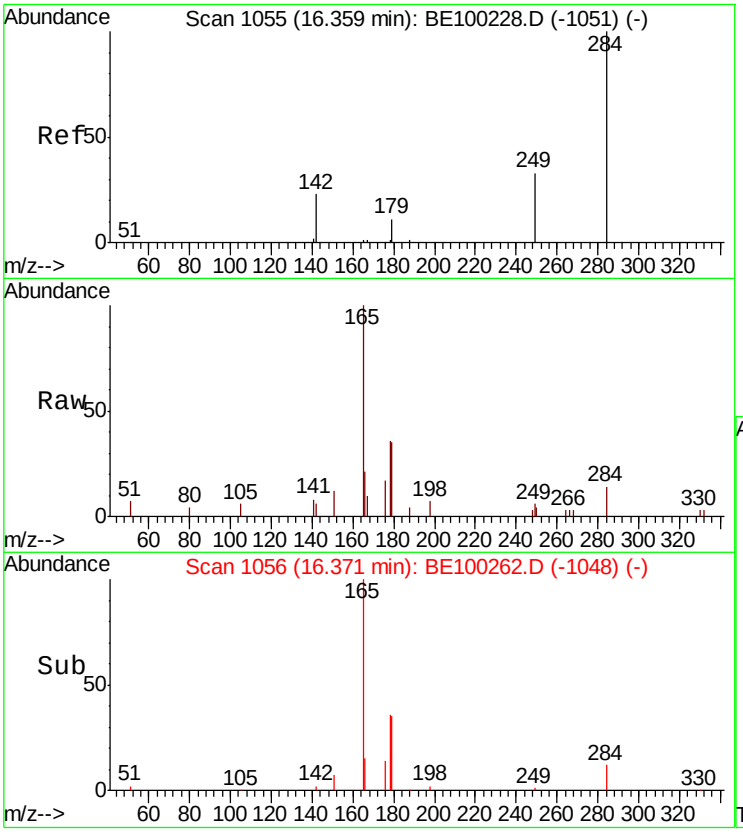


#20
4-Bromophenyl-phenylether
Concen: 0.062 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:248 Resp: 274

Ion	Ratio	Lower	Upper
248	100		
250	93.8	84.2	126.4
141	77.1	29.3	43.9#



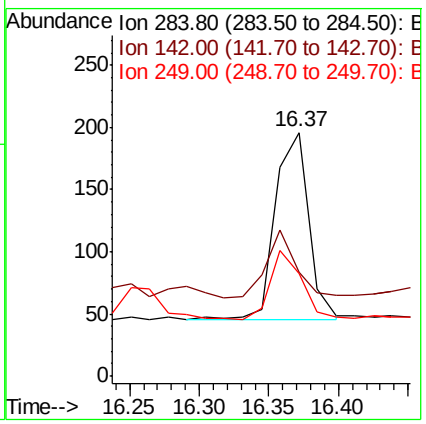


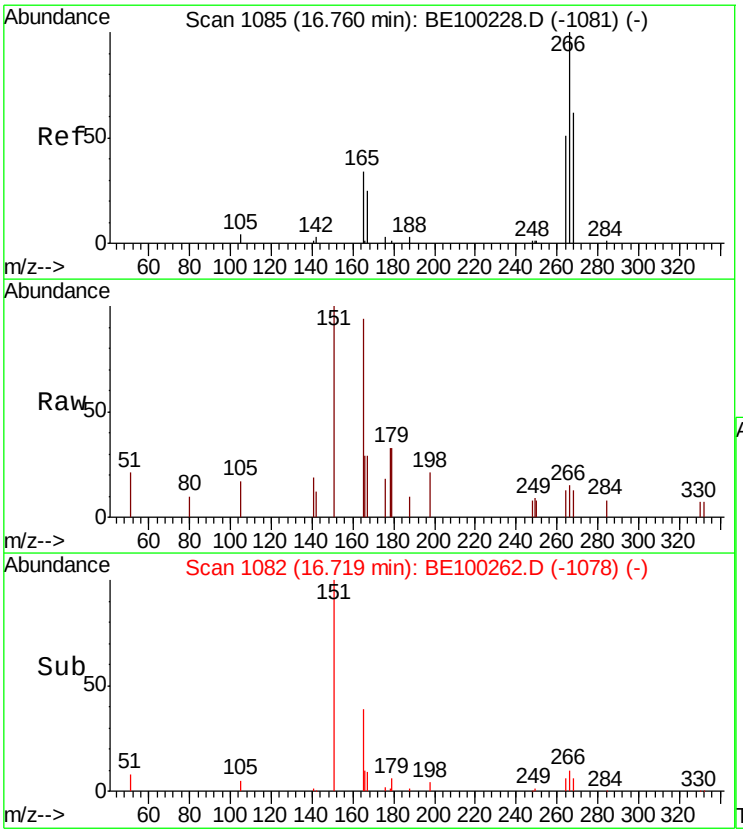
#21
Hexachlorobenzene
Concen: 0.055 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:284 Resp: 251

Ion	Ratio	Lower	Upper
284	100		
142	32.7	18.8	28.2#
249	33.1	23.7	35.5

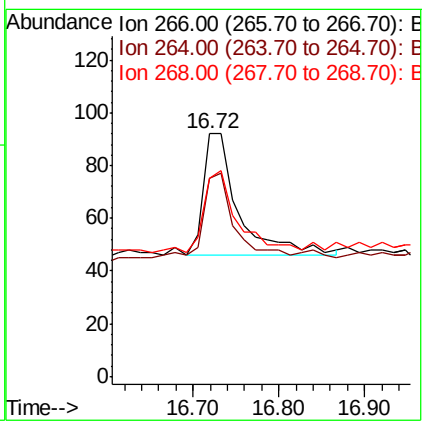


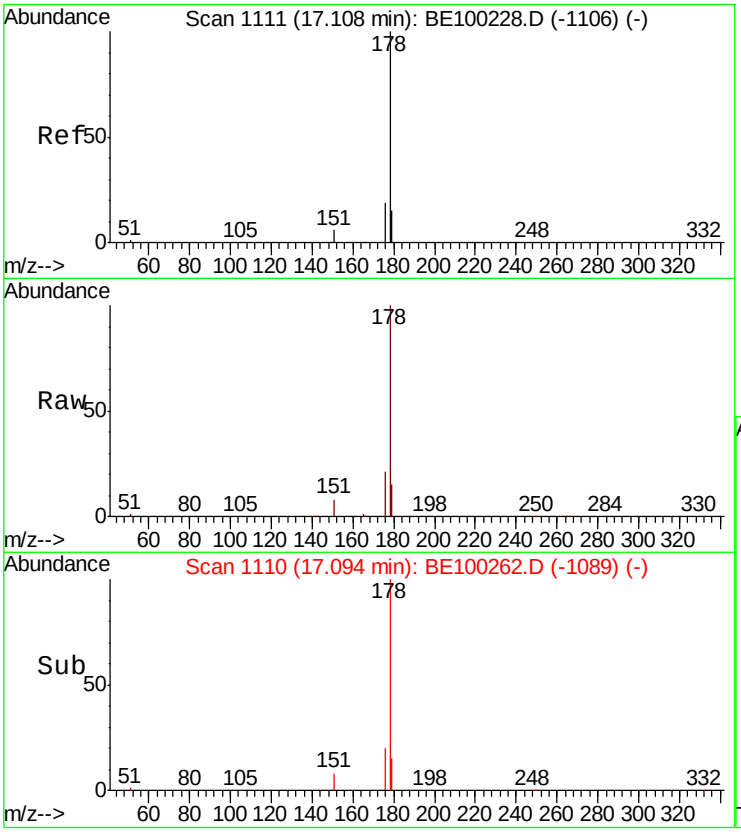


#22
Pentachlorophenol
Concen: 0.096 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:266 Resp: 132

Ion	Ratio	Lower	Upper
266	100		
264	81.5	56.2	84.2
268	81.5	61.8	92.6



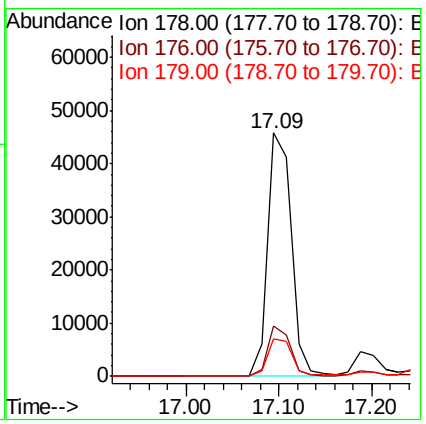


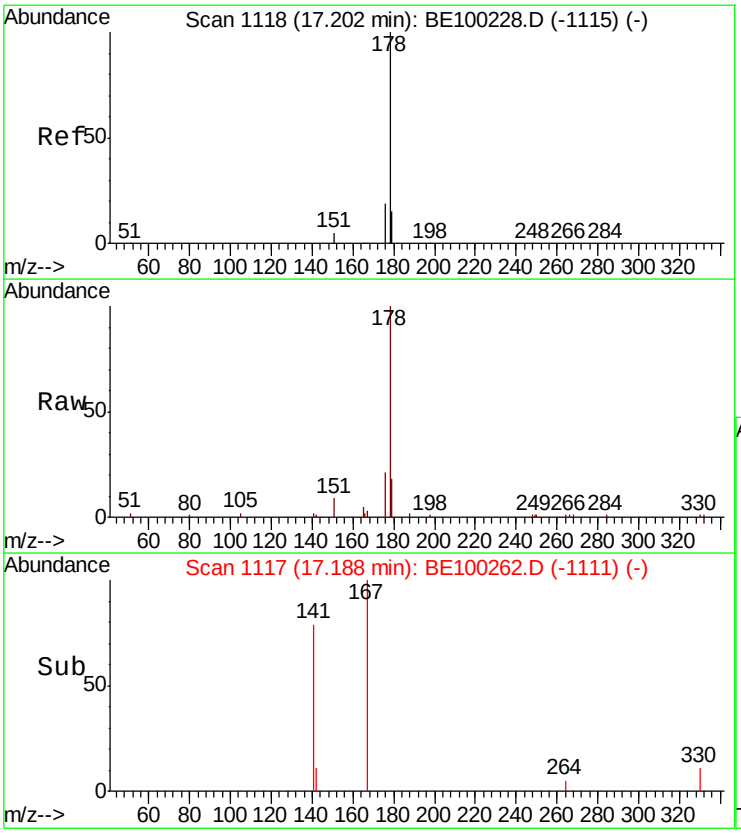
#23
Phenanthrene
Concen: 4.819 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:178 Resp: 80751

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.6	12.2	18.2

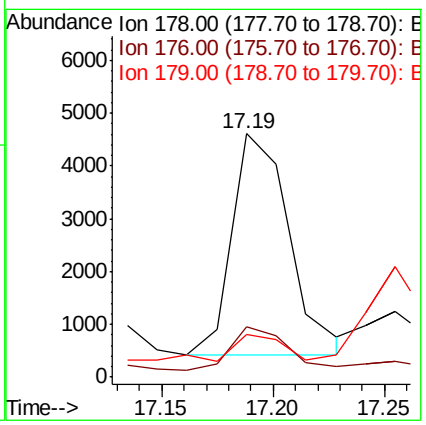


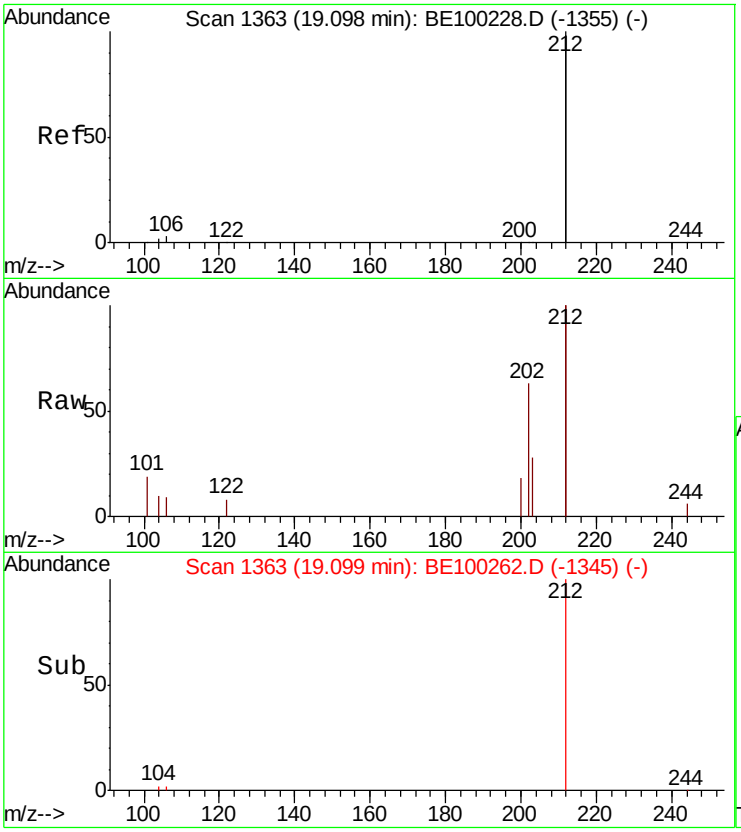


#24
Anthracene
Concen: 0.501 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:178 Resp: 7566

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	10.7	12.2	18.2#



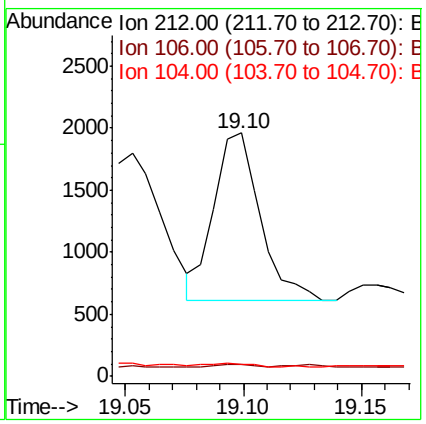


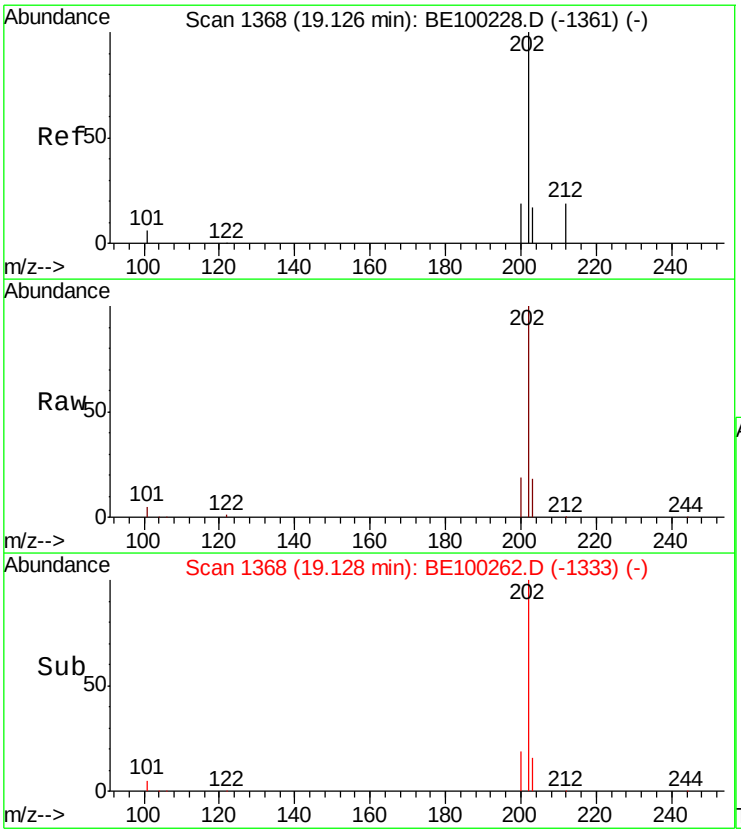
#25
Fluoranthene-d10
Concen: 0.018 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:212 Resp: 1850

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	2.4	0.8	1.2#

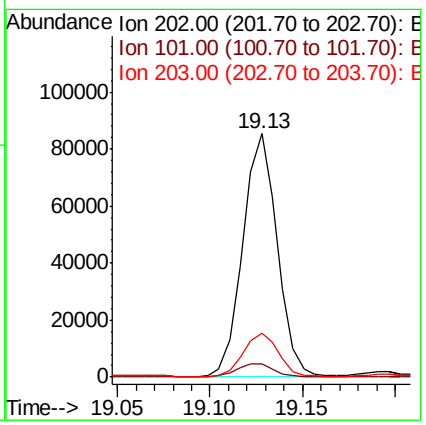


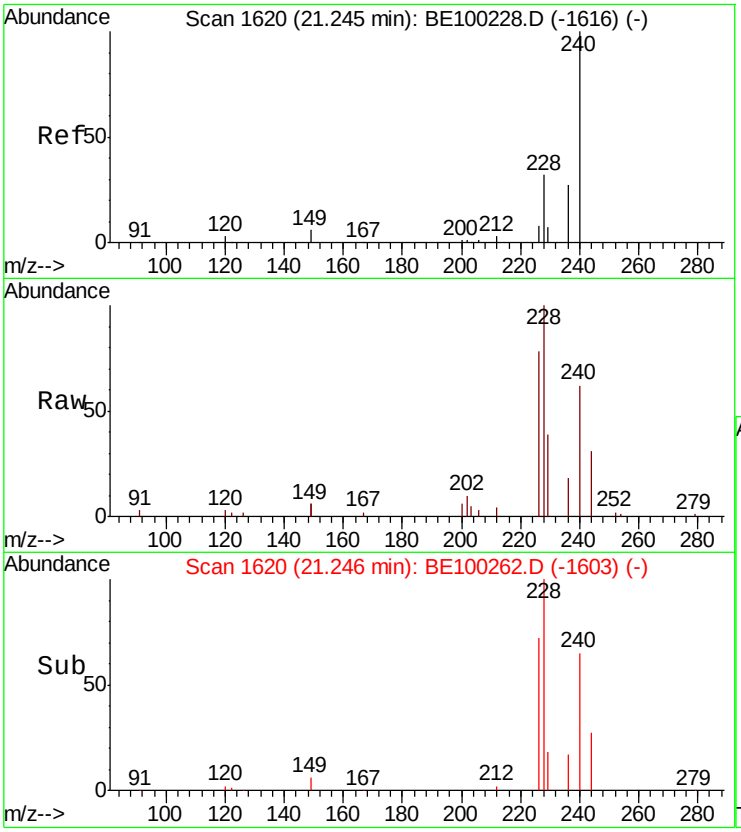


#26
Fluoranthene
Concen: 4.108 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:202 Resp: 109638

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.6	7.0
203	18.2	13.7	20.5



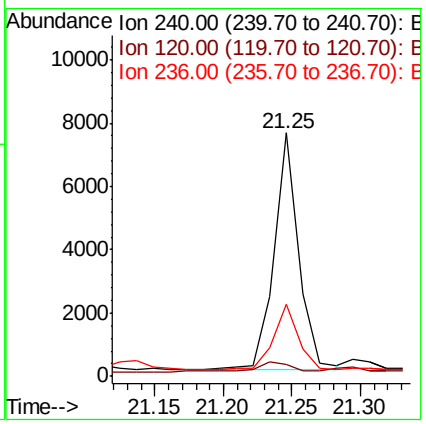


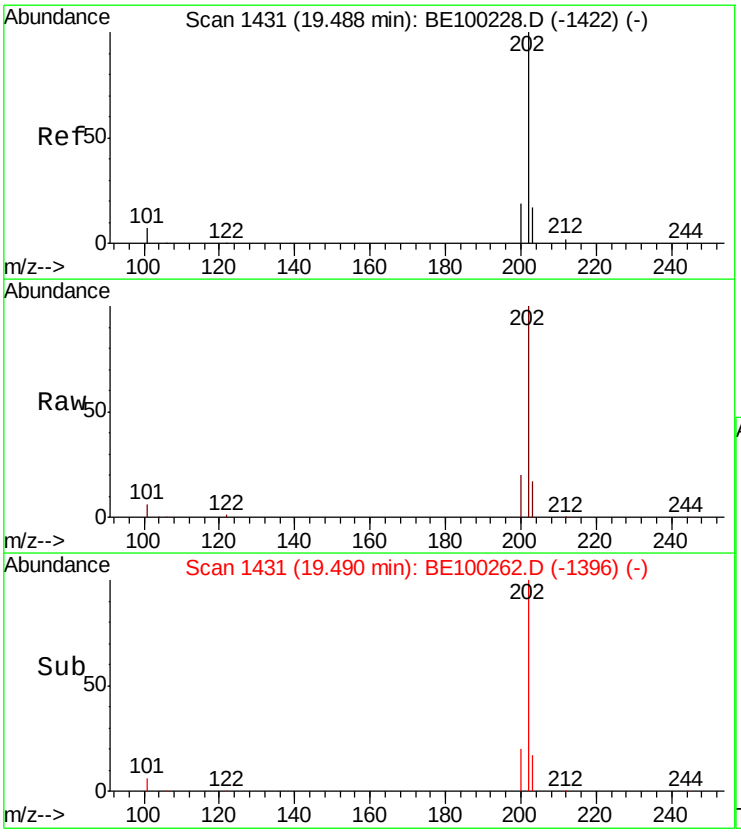
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:240 Resp: 9204

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.3	4.9
236	29.4	22.6	34.0

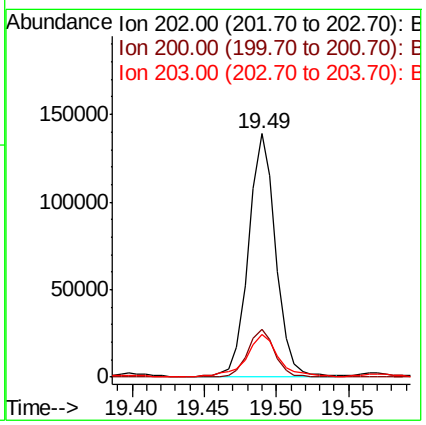


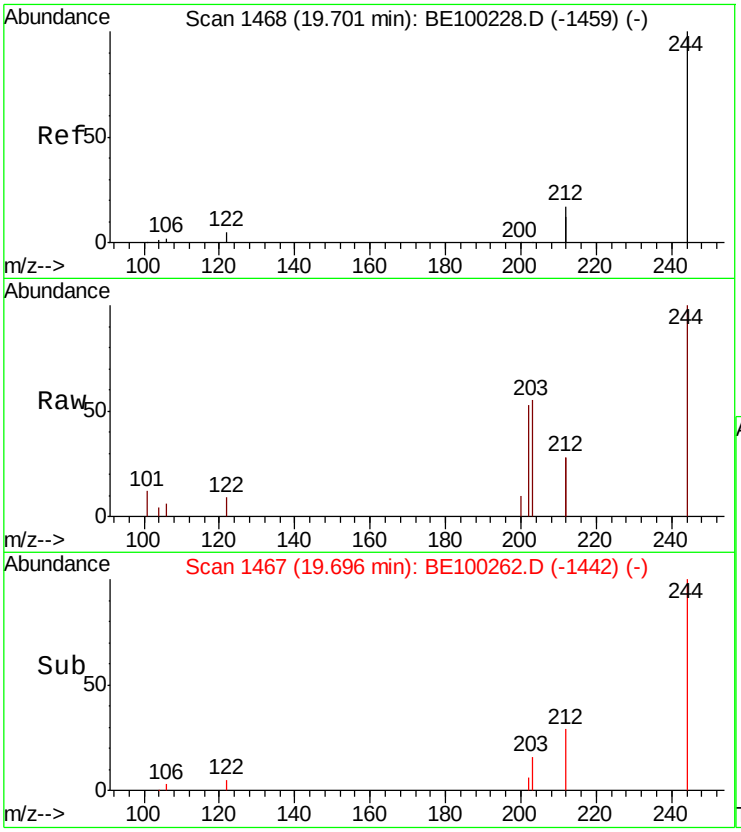


#28
Pyrene
Concen: 7.496 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:202 Resp: 182673

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.6	23.4
203	20.0	14.0	21.0



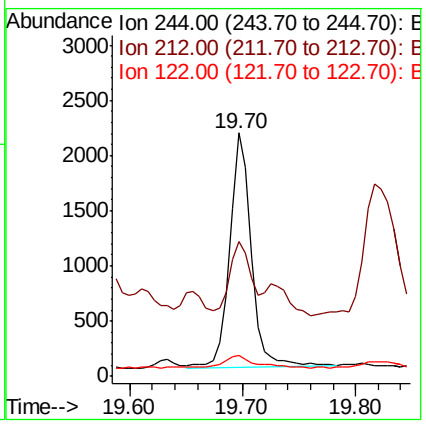


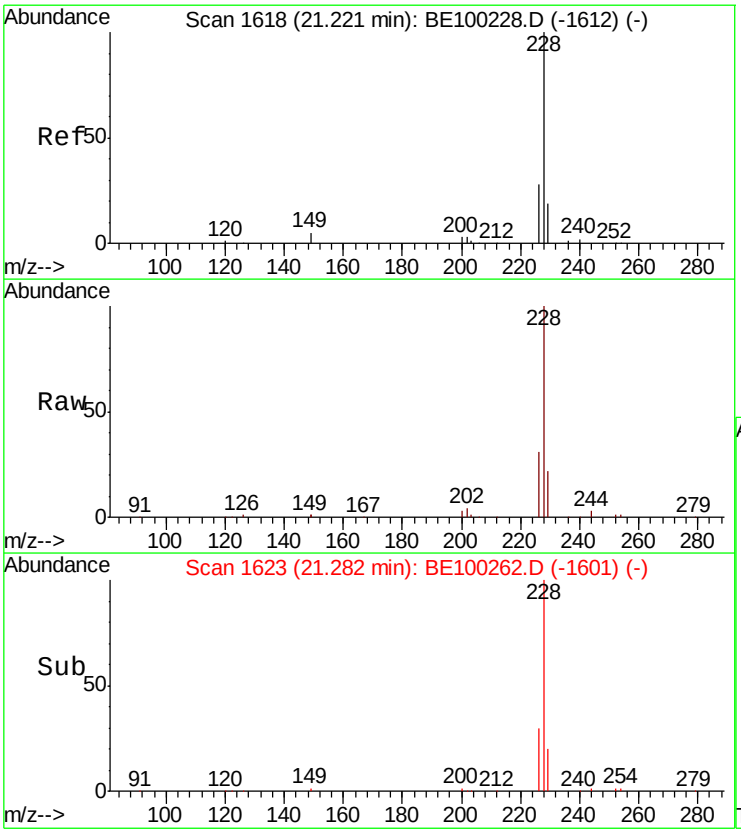
#29
Terphenyl-d14
Concen: 0.149 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:244 Resp: 2848

Ion	Ratio	Lower	Upper
244	100		
212	55.5	27.3	40.9#
122	8.7	4.7	7.1#

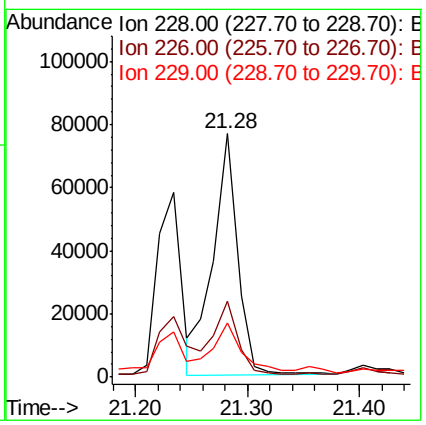


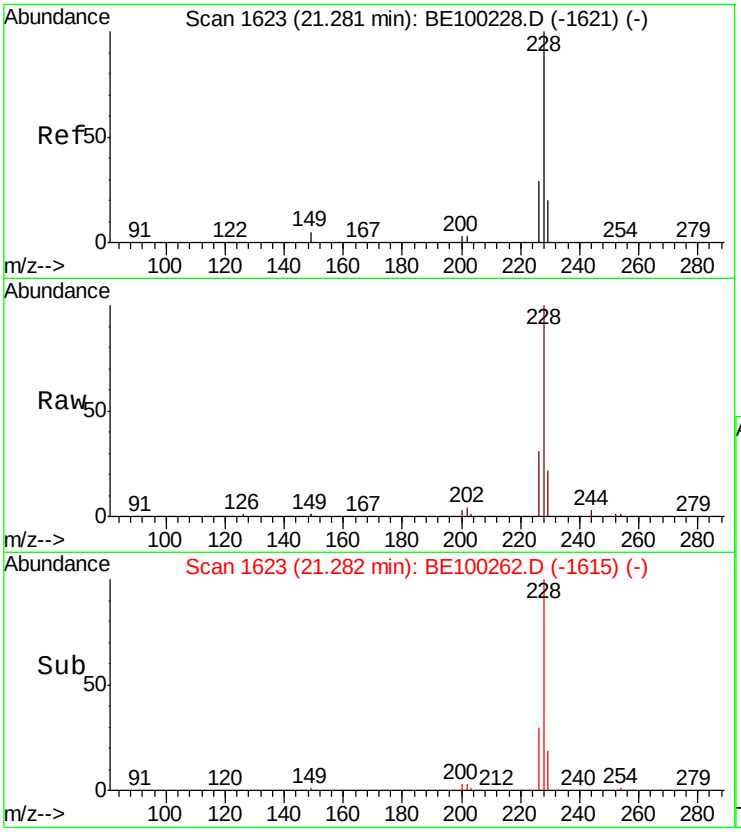


#30
Benzo(a)anthracene
Concen: 3.844 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.06 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:228 Resp: 116319

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.2	34.8
229	22.3	15.7	23.5



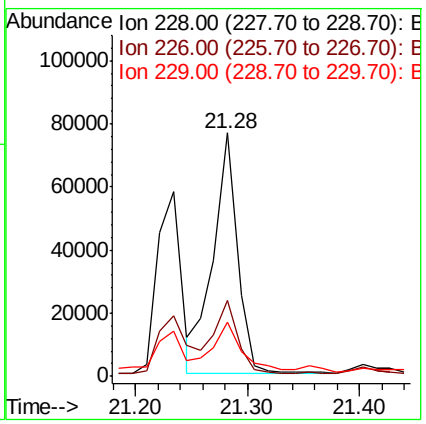


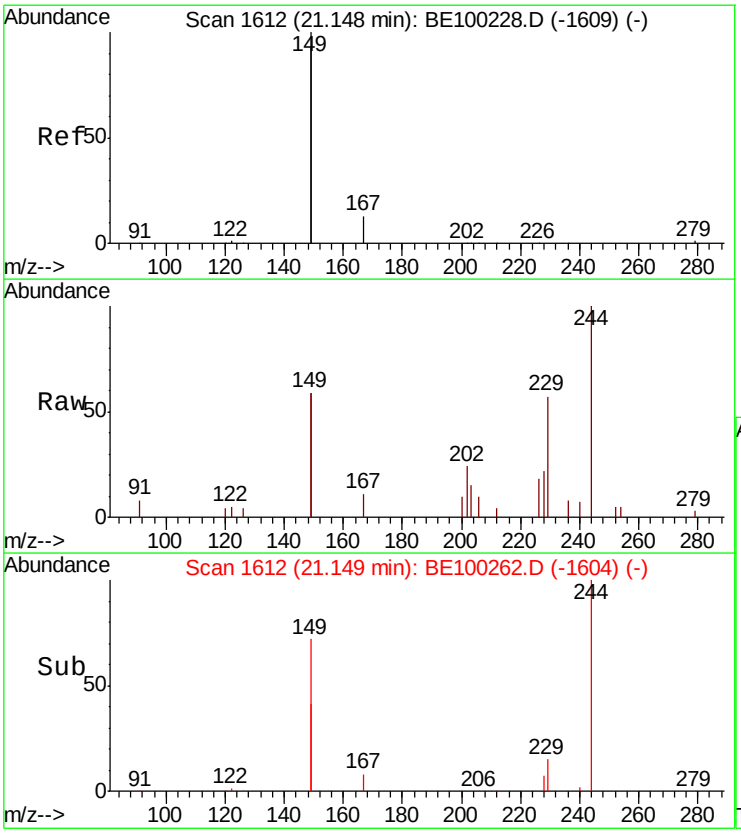
#31
Chrysene
Concen: 3.807 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:228 Resp: 115696

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.9	35.9
229	22.3	16.5	24.7

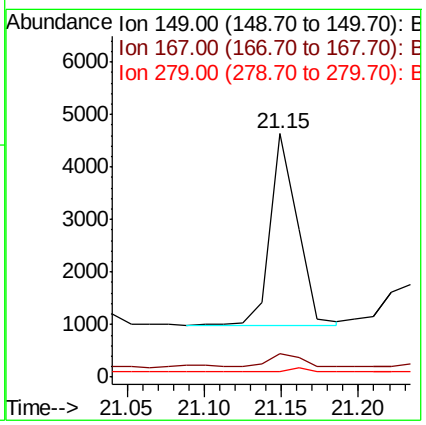


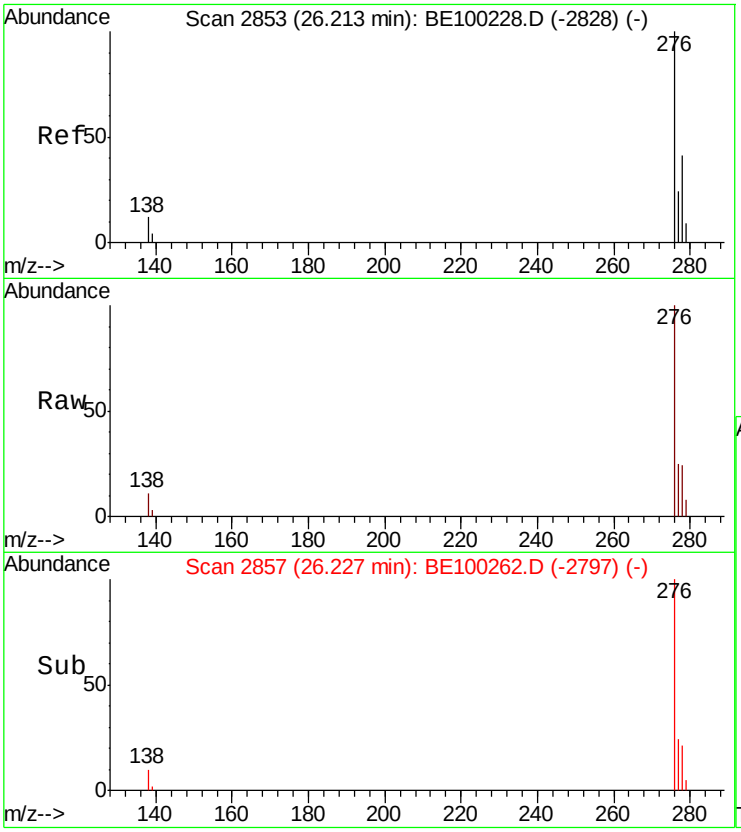


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.048 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:149 Resp: 4508

Ion	Ratio	Lower	Upper
149	100		
167	8.0	5.8	8.8
279	2.8	1.1	1.7#



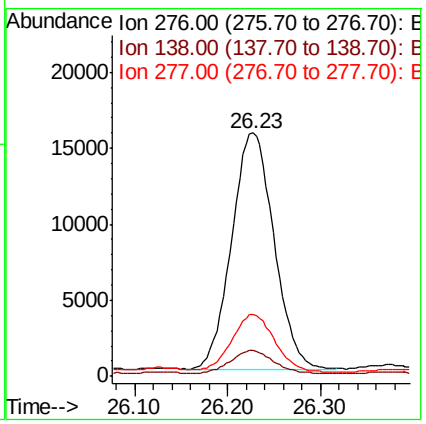


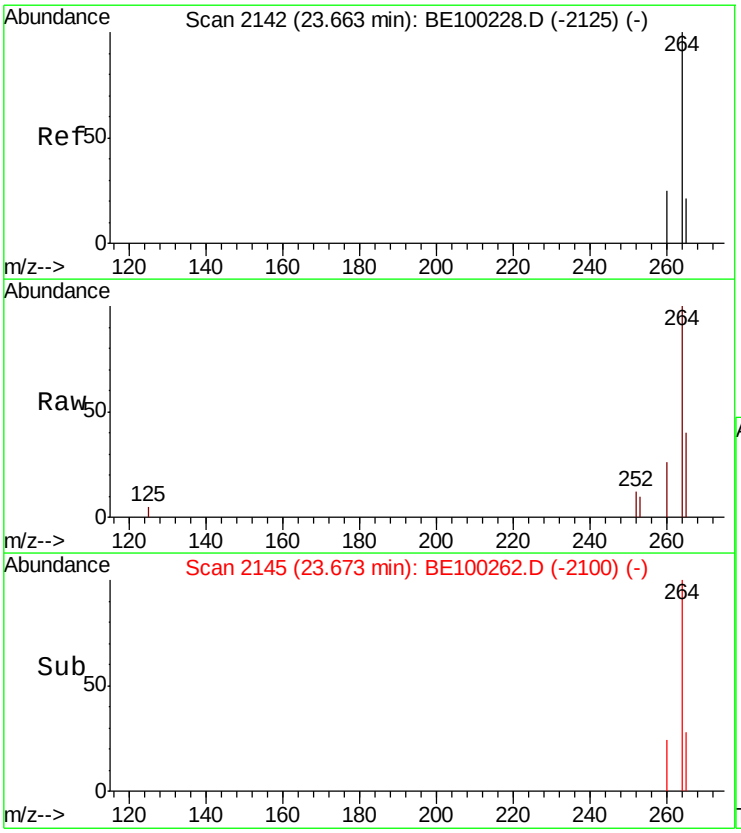
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.223 ng
RT: 26.23 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:276 Resp: 49141

Ion	Ratio	Lower	Upper
276	100		
138	9.9	9.4	14.0
277	24.9	19.2	28.8

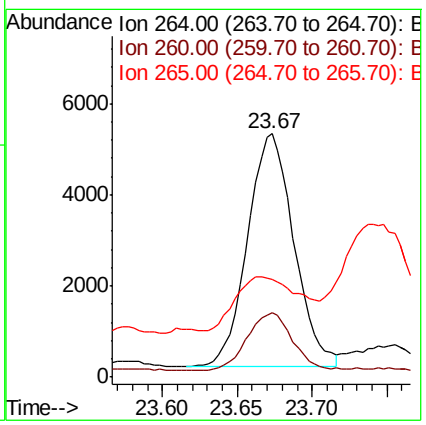


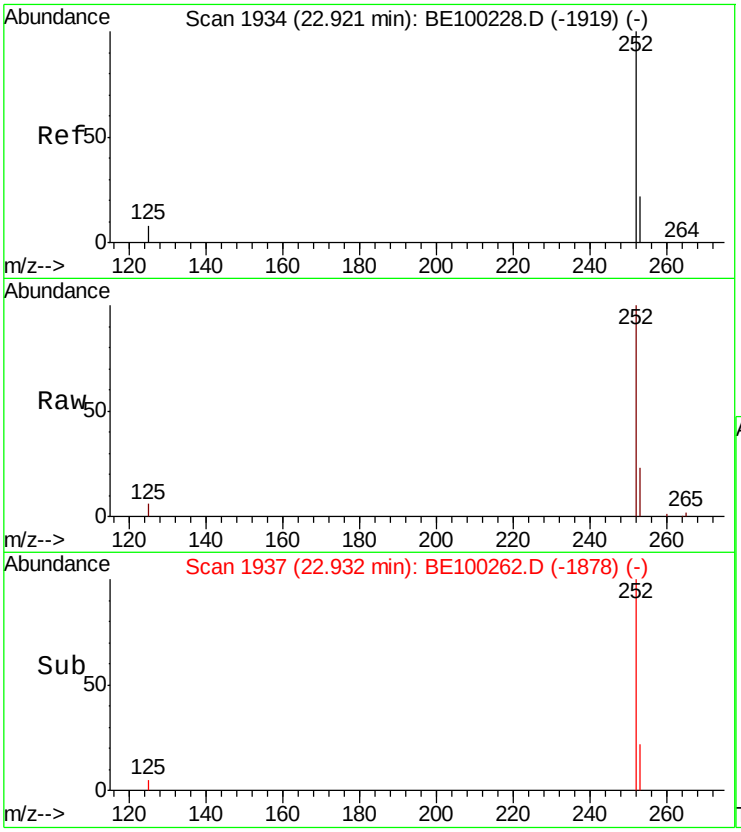


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:264 Resp: 11000

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.8	31.2
265	40.1	21.8	32.6#



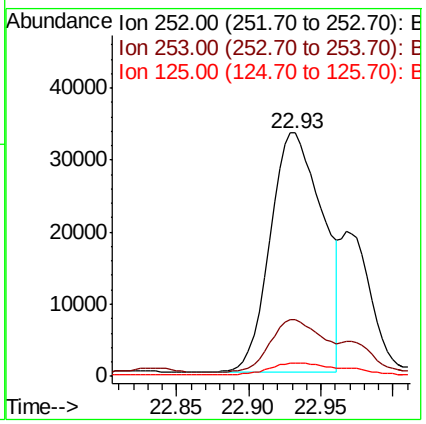


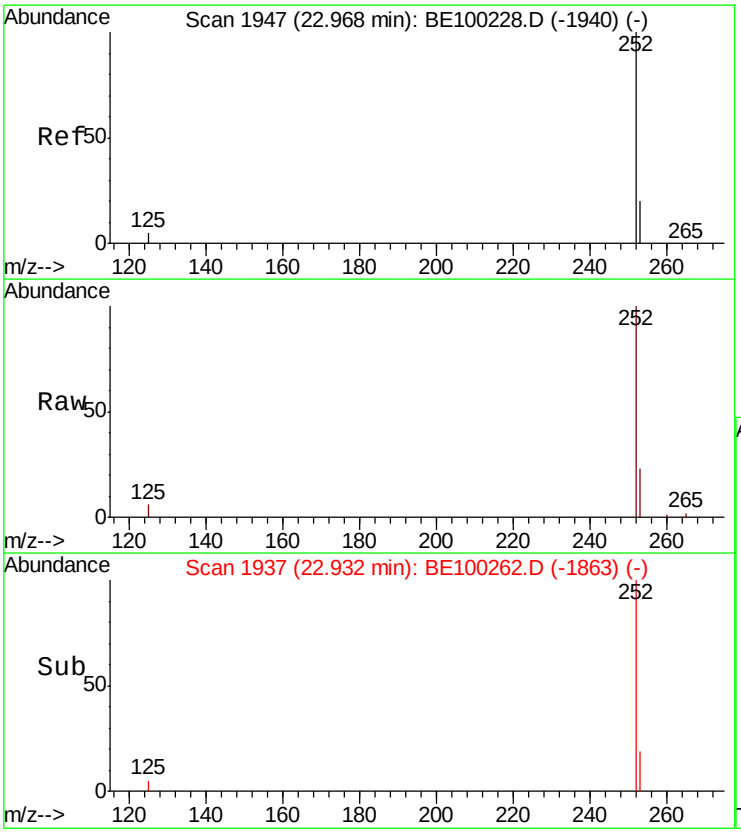
#35
Benzo(b)fluoranthene
Concen: 2.830 ng
RT: 22.93 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:252 Resp: 84411

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	5.6	7.4	11.0#

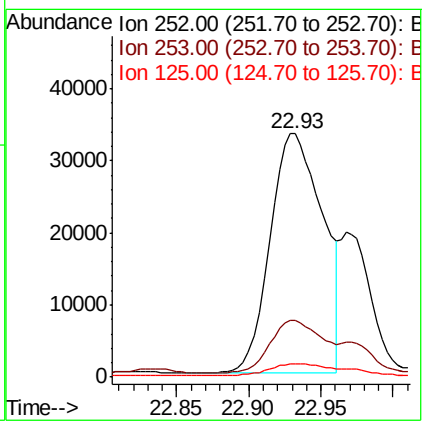


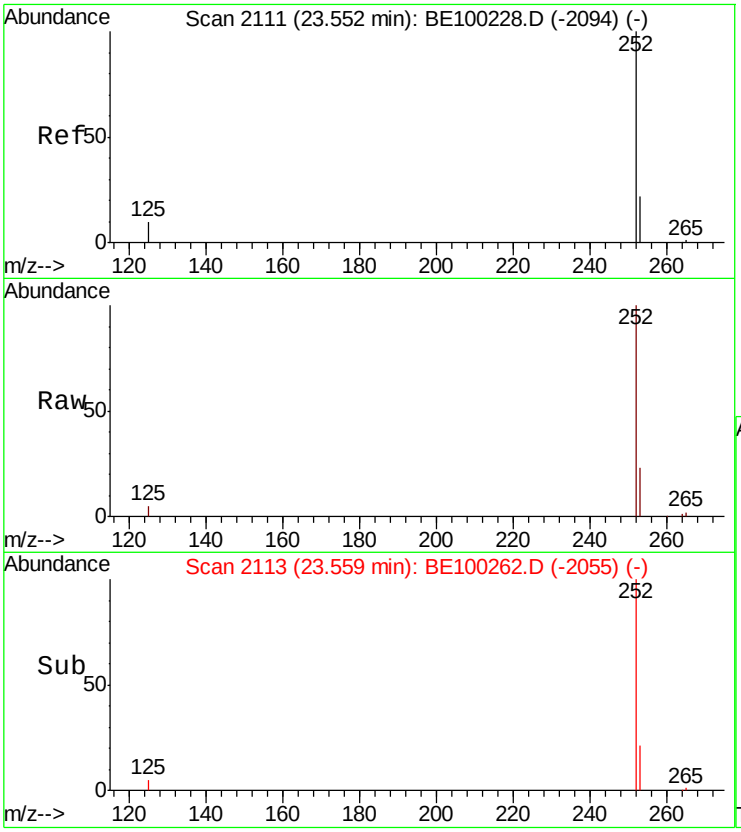


#36
Benzo(k)fluoranthene
Concen: 2.536 ng
RT: 22.93 min Scan# 1937
Delta R.T. -0.04 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:252 Resp: 84411

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	5.6	5.0	7.4



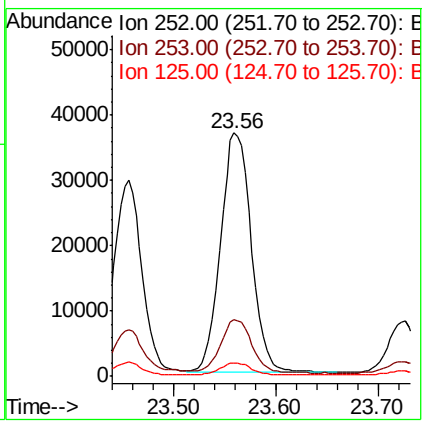


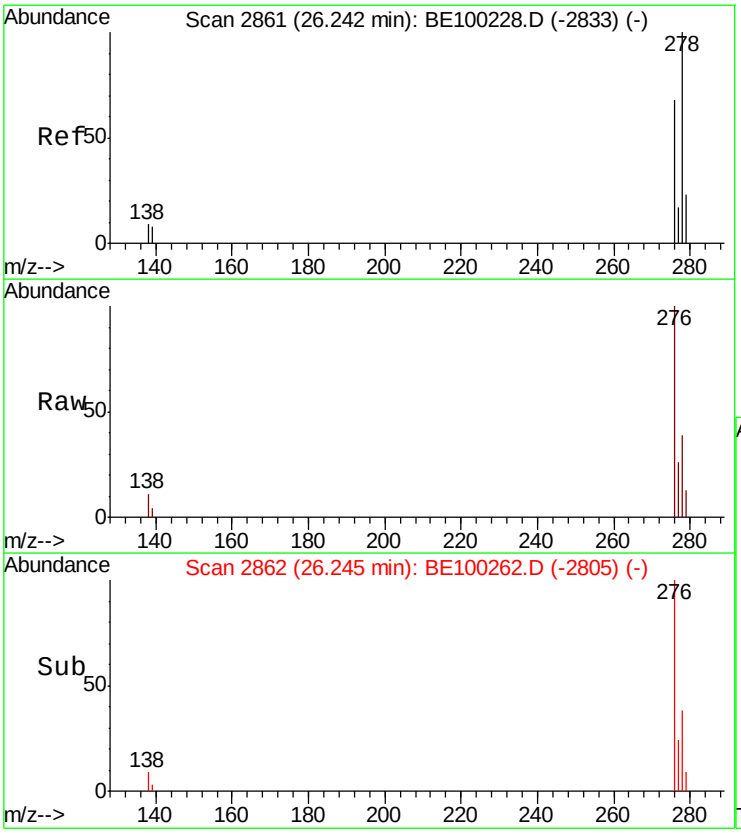
#37
Benzo(a)pyrene
Concen: 2.564 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:252 Resp: 76639

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.6	29.4
125	5.5	9.0	13.6#

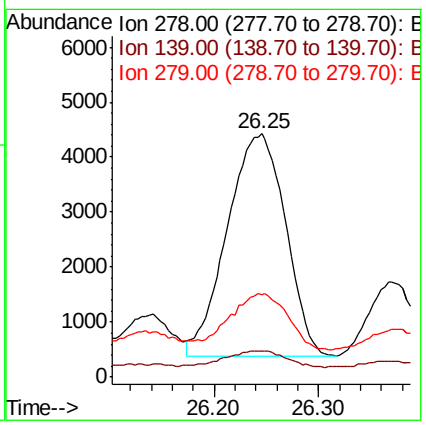


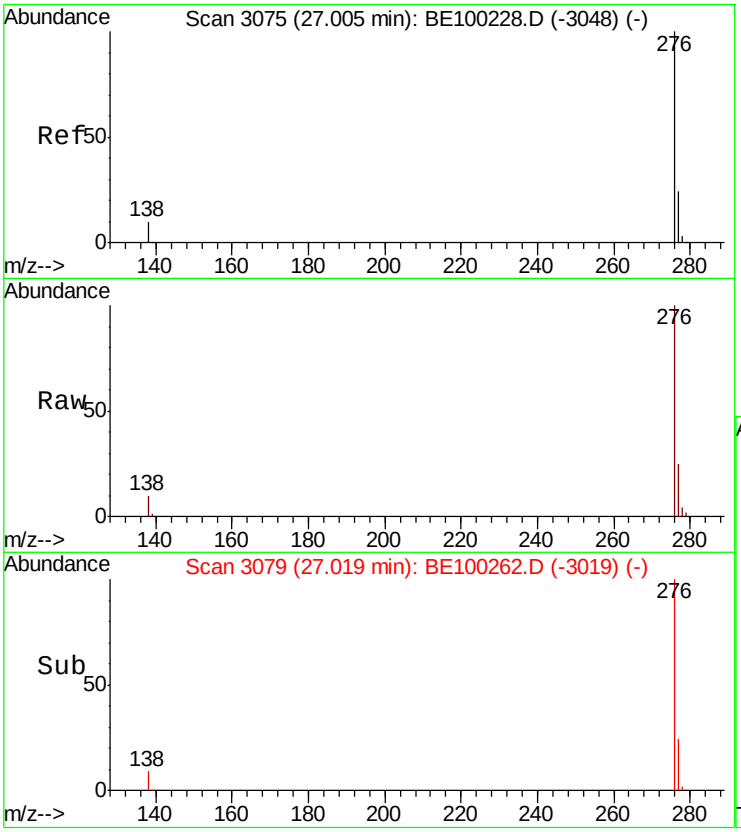


#38
Dibenzo(a,h)anthracene
Concen: 0.504 ng
RT: 26.25 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Tgt Ion:278 Resp: 15720

Ion	Ratio	Lower	Upper
278	100		
139	10.8	8.2	12.2
279	34.0	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.840 ng
RT: 27.02 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BE100262.D
Acq: 1 Jul 2019 13:06

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW167-061319DL

Tgt Ion:276 Resp: 58997

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.2	30.2
138	10.2	9.0	13.6