Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100269.D
Acq On : 1 Jul 2019 17:16
Operator : JU/SJ
Sample : K3428-06DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-013-SW160-061319DL

Quant Time: Jul 02 02:21:06 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	7.64	152	842	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	2975	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2386	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	6720	0.40	ng		0.00
27) Chrysene-d12	21.24	240	8889	0.40	ng		0.00
34) Perylene-d12	23.67	264	10046	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	352	0.16	ng		0.00
5) Phenol-d6	6.82	99	455	0.16	ng		-0.01
8) Nitrobenzene-d5	8.82	82	458	0.15	ng		0.00
11) 2-Methylnaphthalene-d10	12.04	152	1026	0.18	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	265	0.16	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	1297	0.14	ng		0.00
25) Fluoranthene-d10	19.10	212	15609	0.16	ng		0.00
29) Terphenyl-d14	19.69	244	3532	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	10	0.008	ng	#	32
3) n-Nitrosodimethylamine	3.48	42	8	0.013	ng	#	1
6) bis(2-Chloroethyl)ether	7.11	93	14	0.006	ng	#	1
9) Naphthalene	10.48	128	4764	0.145	ng	#	97
10) Hexachlorobutadiene	10.76	225	2	0.001	ng	#	35
12) 2-Methylnaphthalene	12.12	142	1008	0.175	ng		98
16) Acenaphthylene	14.04	152	6645	0.580	ng		98
17) Acenaphthene	14.38	154	810	0.125	ng		94
18) Fluorene	15.35	166	2735	0.285	ng	#	88
20) 4-Bromophenyl-phenylether	16.26	248	10	0.002	ng	#	43
21) Hexachlorobenzene	16.37	284	9	0.002	ng	#	1
22) Pentachlorophenol	16.73	266	15	0.011	ng	#	70
23) Phenanthrene	17.09	178	56178	3.449	ng		100
24) Anthracene	17.19	178	4956	0.338	ng		96
26) Fluoranthene	19.13	202	79586	3.068	ng		98
28) Pyrene	19.49	202	123646	5.254	ng		97
30) Benzo(a)anthracene	21.28	228	74094	2.535	ng		95
31) Chrysene	21.28	228	73738	2.512	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	10351	0.193	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	38509	0.992	ng		97
35) Benzo(b)fluoranthene	22.93	252	70115	2.574	ng	#	98
36) Benzo(k)fluoranthene	22.93	252	70115	2.306	ng		97
37) Benzo(a)pyrene	23.72	252	11627	0.426	ng		95
38) Dibenzo(a,h)anthracene	26.24	278	11489	0.403	ng	#	84
39) Benzo(g,h,i)perylene	27.02	276	44826	1.531	ng		99

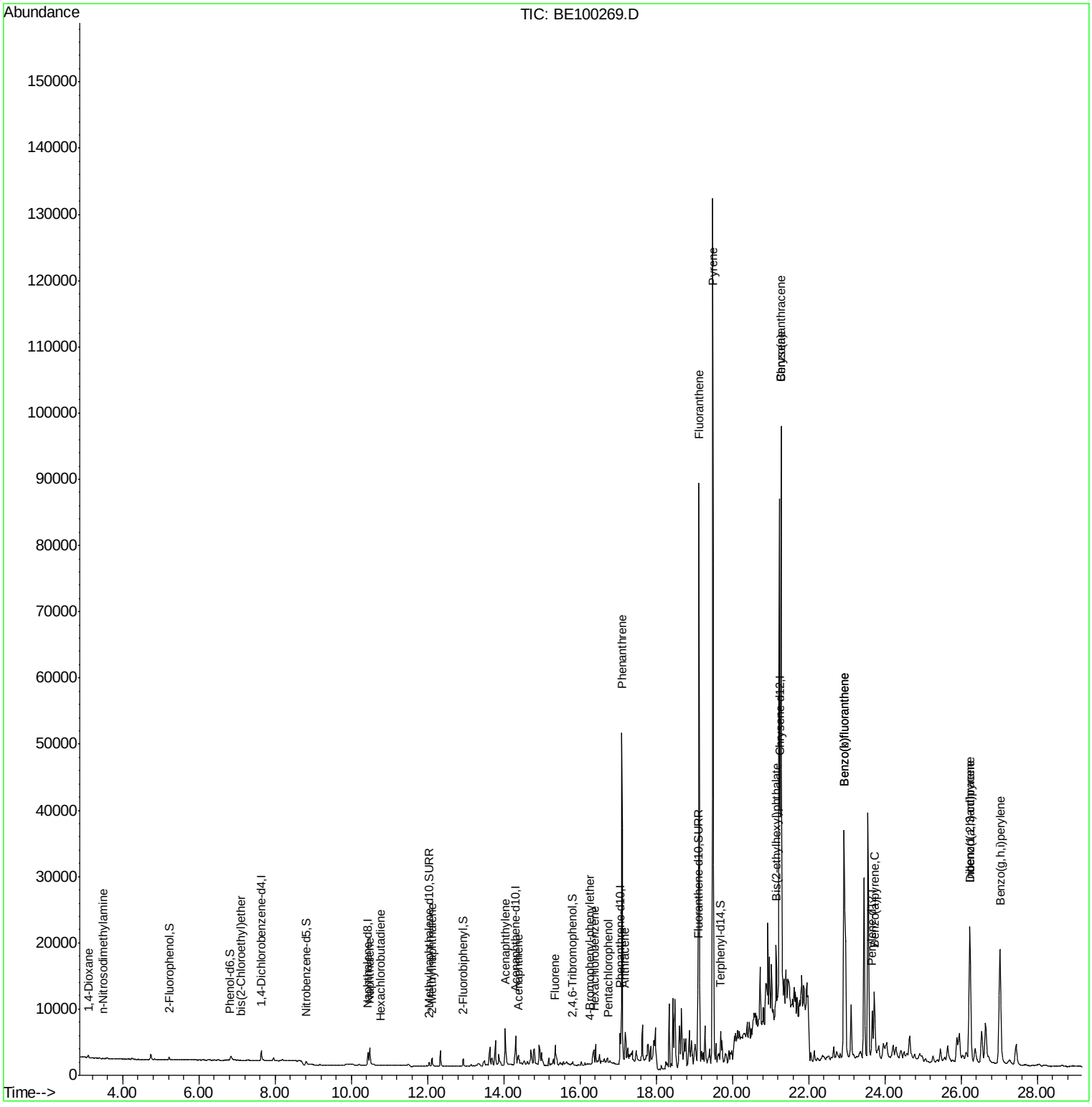
(#) = qualifier out of range (m) = manual integration (+) = signals summed

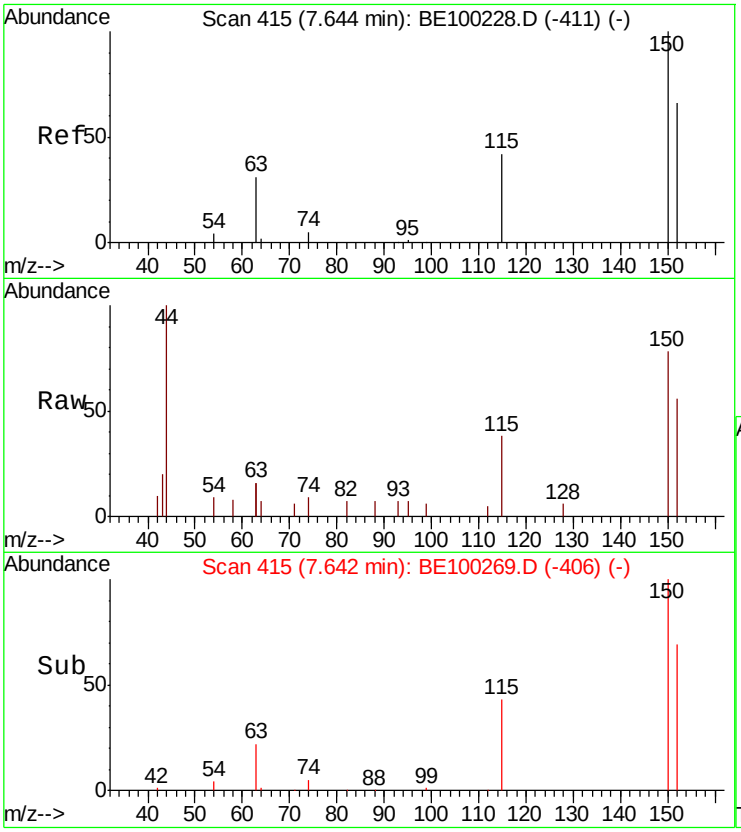
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100269.D
Acq On : 1 Jul 2019 17:16
Operator : JU/SJ
Sample : K3428-06DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Quant Time: Jul 02 02:21:06 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



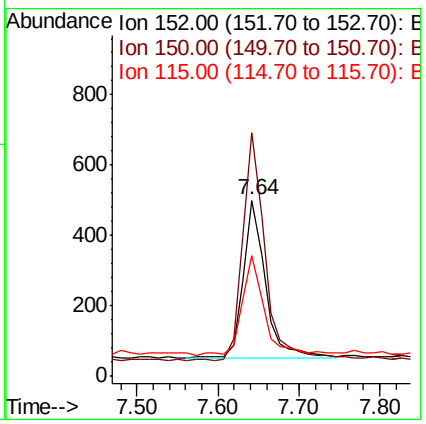


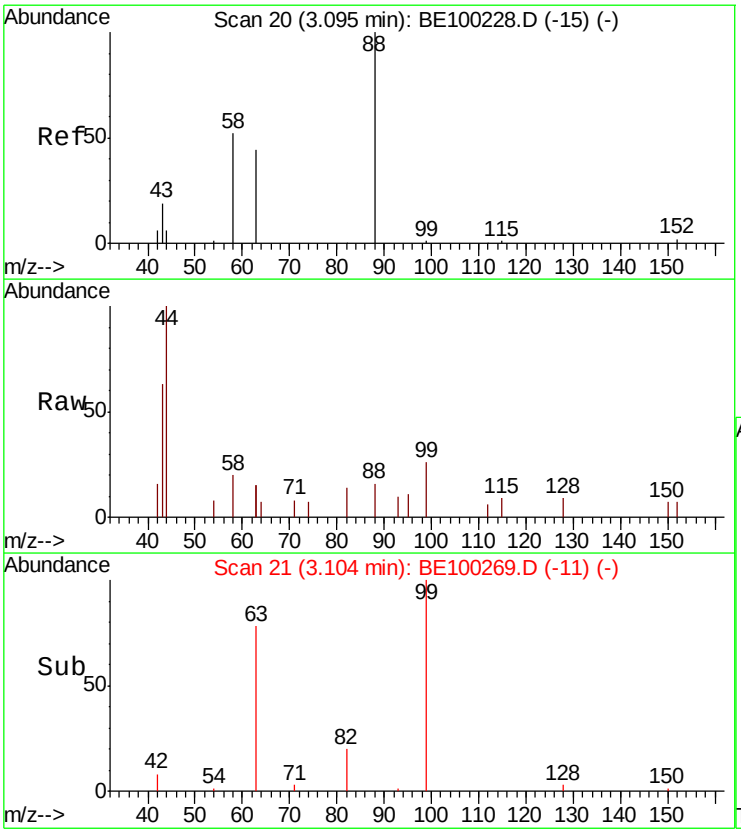
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:152 Resp: 842

Ion	Ratio	Lower	Upper
152	100		
150	138.4	114.5	171.7
115	68.6	57.1	85.7

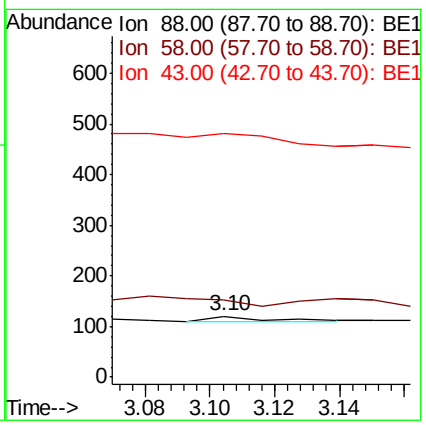


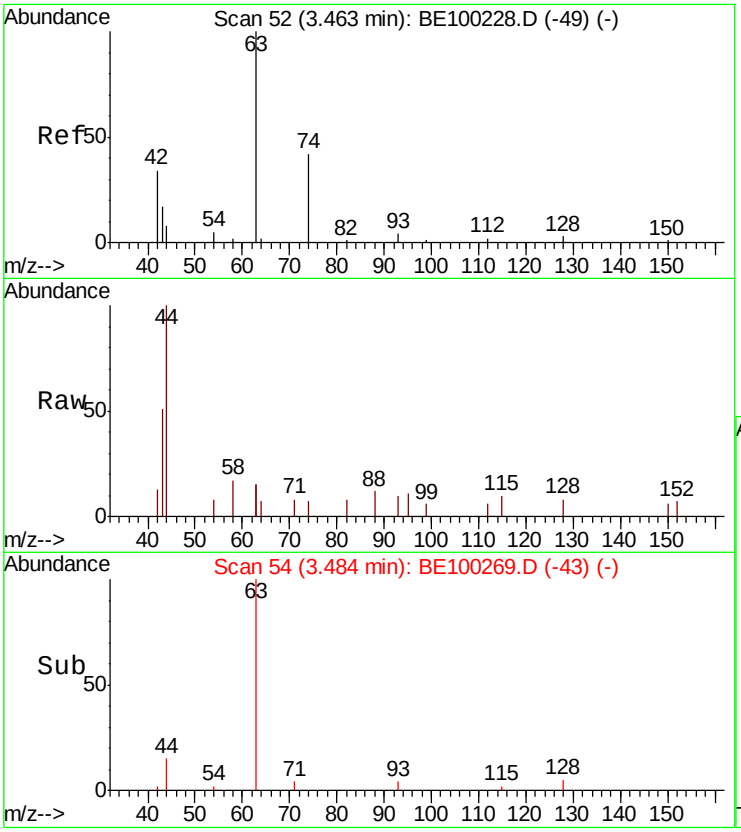


#2
1,4-Dioxane
Concen: 0.008 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion: 88 Resp: 10

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



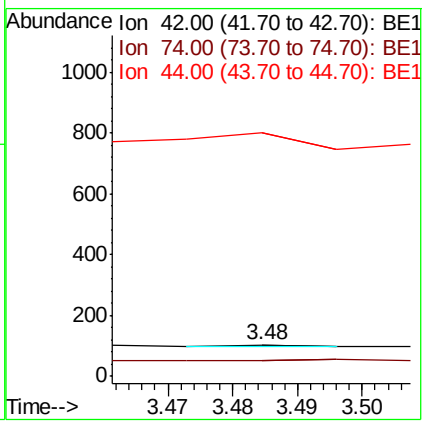


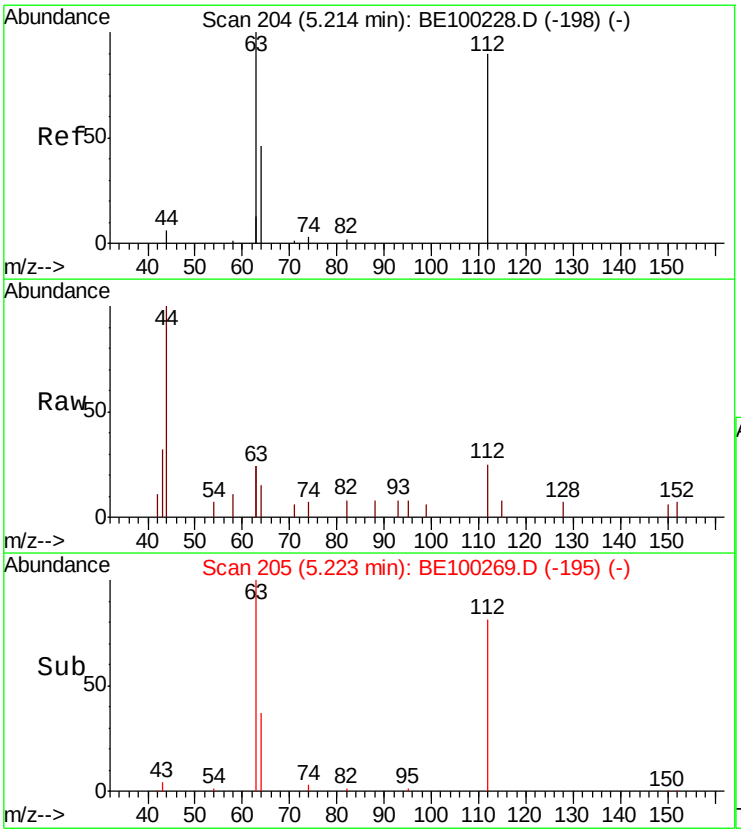
#3
n-Nitrosodimethylamine
Concen: 0.013 ng
RT: 3.48 min Scan# 54
Delta R.T. 0.02 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion: 42 Resp: 8

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

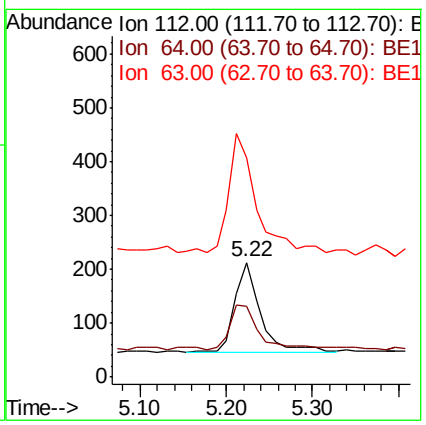


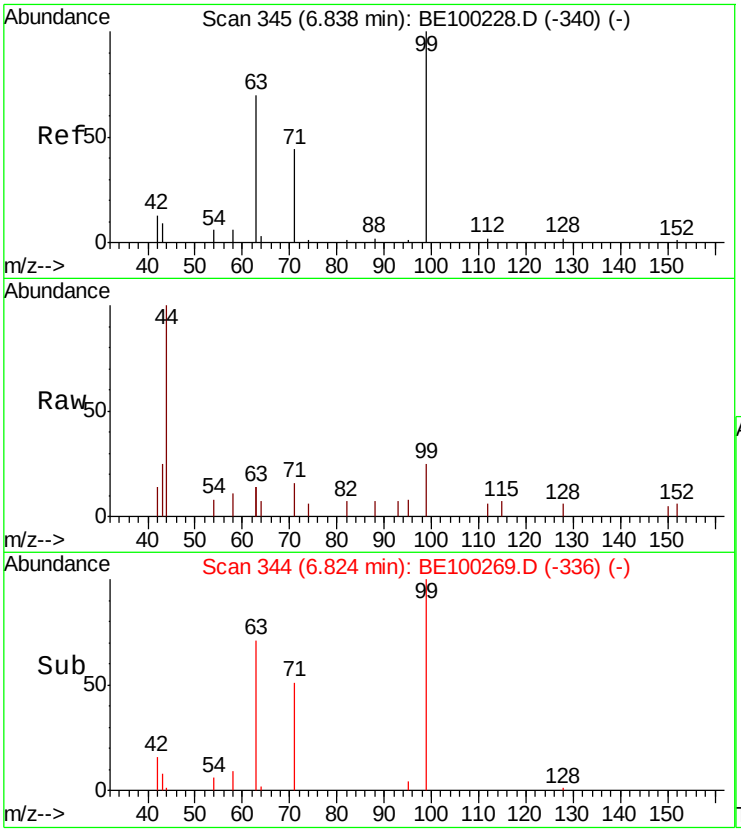


#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:112 Resp: 352

Ion	Ratio	Lower	Upper
112	100		
64	61.9	39.4	59.0#
63	155.4	104.5	156.7



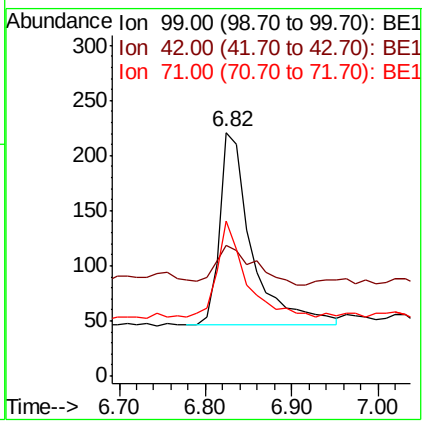


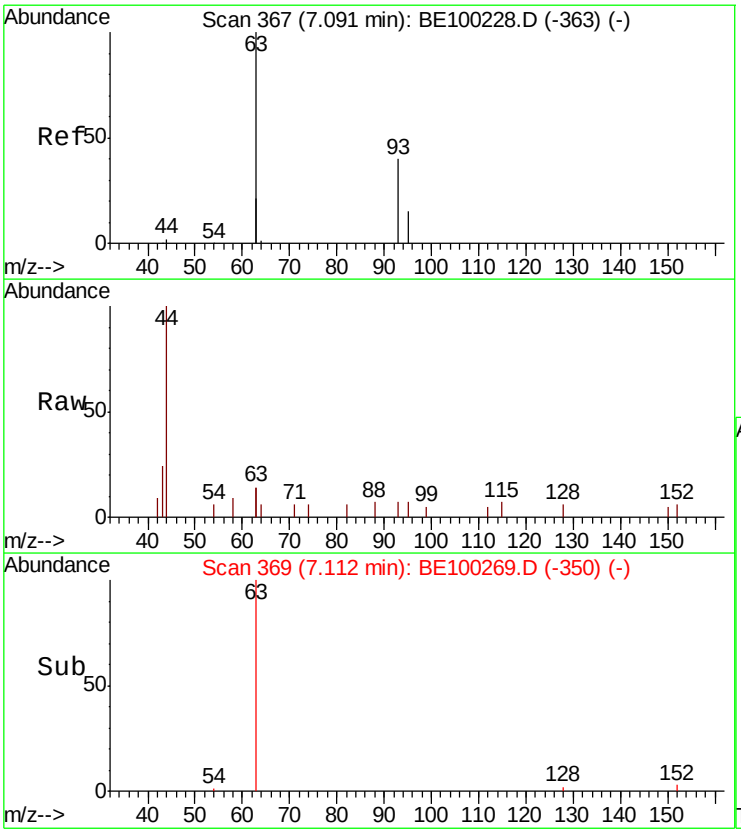
#5
Phenol-d6
Concen: 0.161 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion: 99 Resp: 455

Ion	Ratio	Lower	Upper
99	100		
42	24.8	11.2	16.8#
71	42.2	37.2	55.8

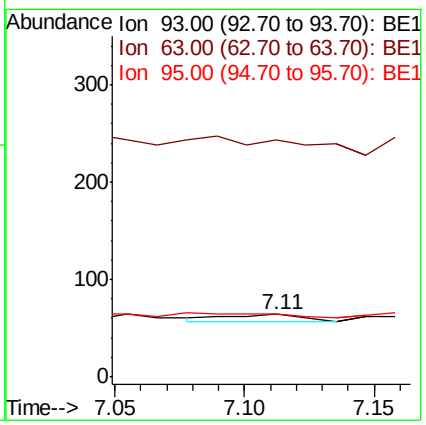


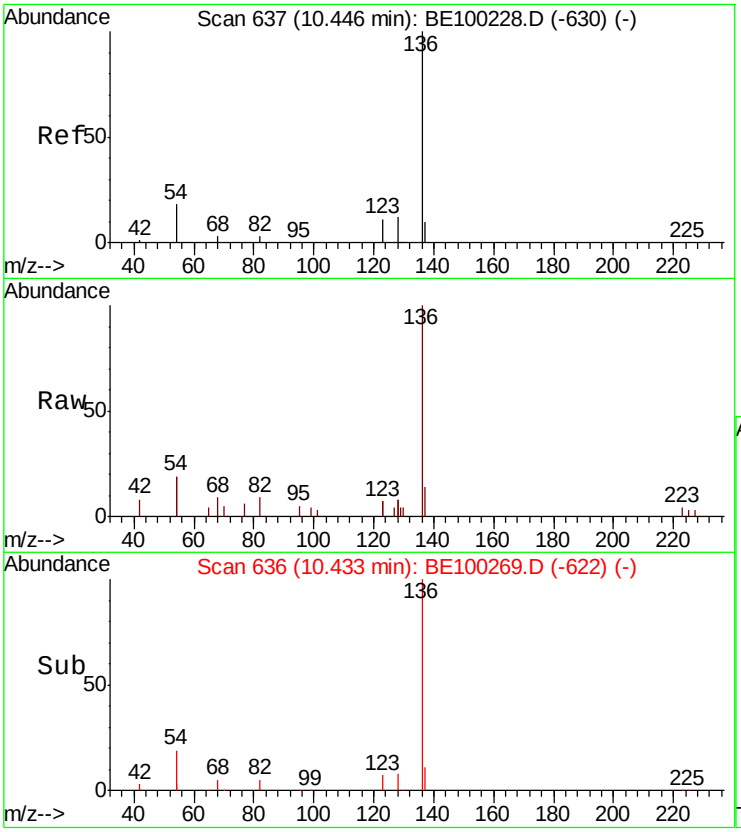


#6
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 7.11 min Scan# 369
Delta R.T. 0.02 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion: 93 Resp: 14

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



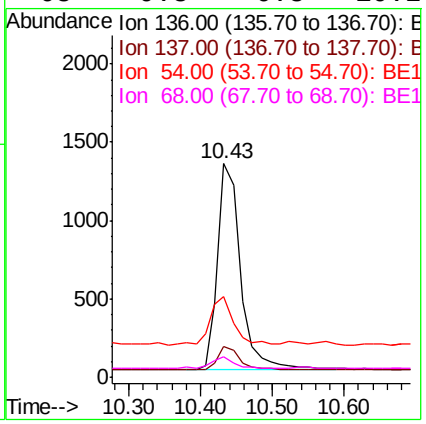


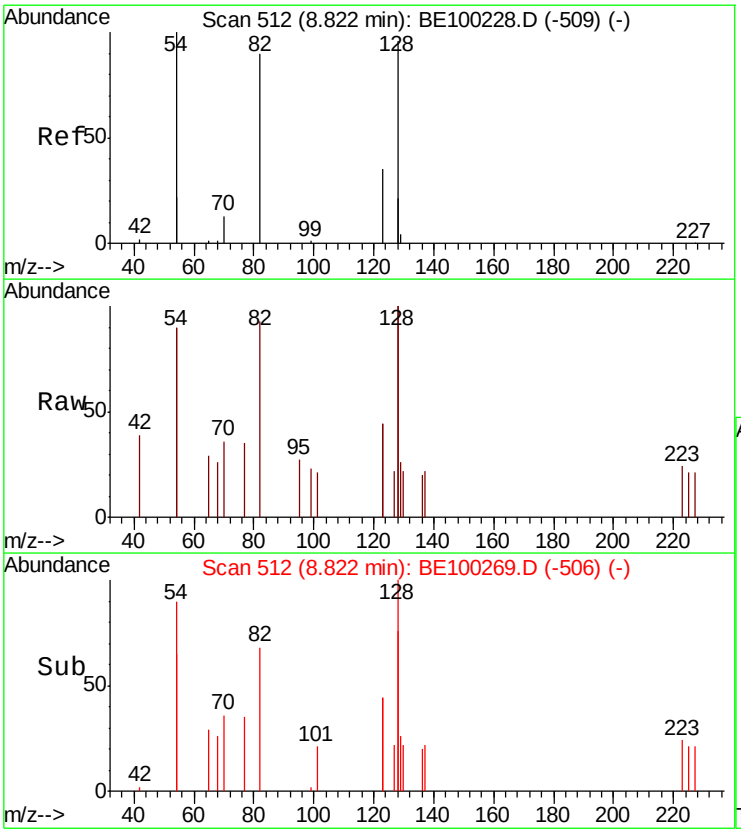
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:136 Resp: 2975

Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.8	17.8
54	37.5	27.7	41.5
68	9.3	6.8	10.2

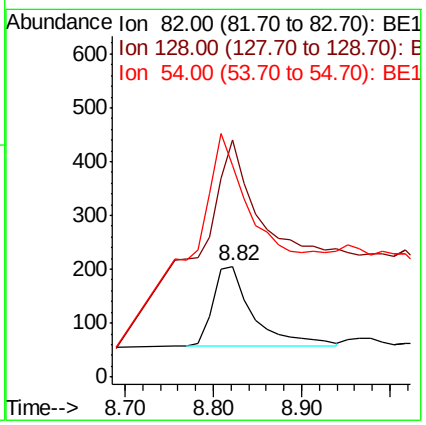


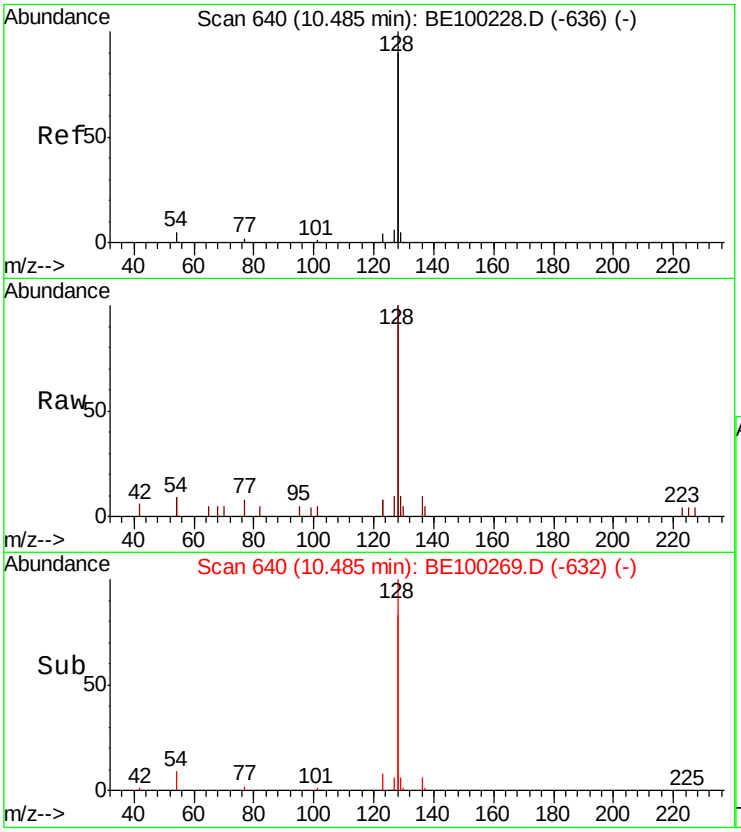


#8
Nitrobenzene-d5
Concen: 0.155 ng
RT: 8.82 min Scan# 512
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion: 82 Resp: 458

Ion	Ratio	Lower	Upper
82	100		
128	214.6	140.9	211.3#
54	192.2	146.2	219.2



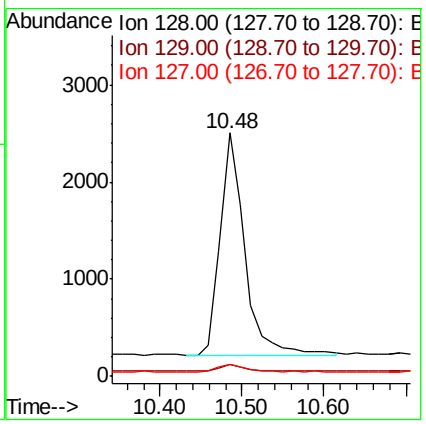


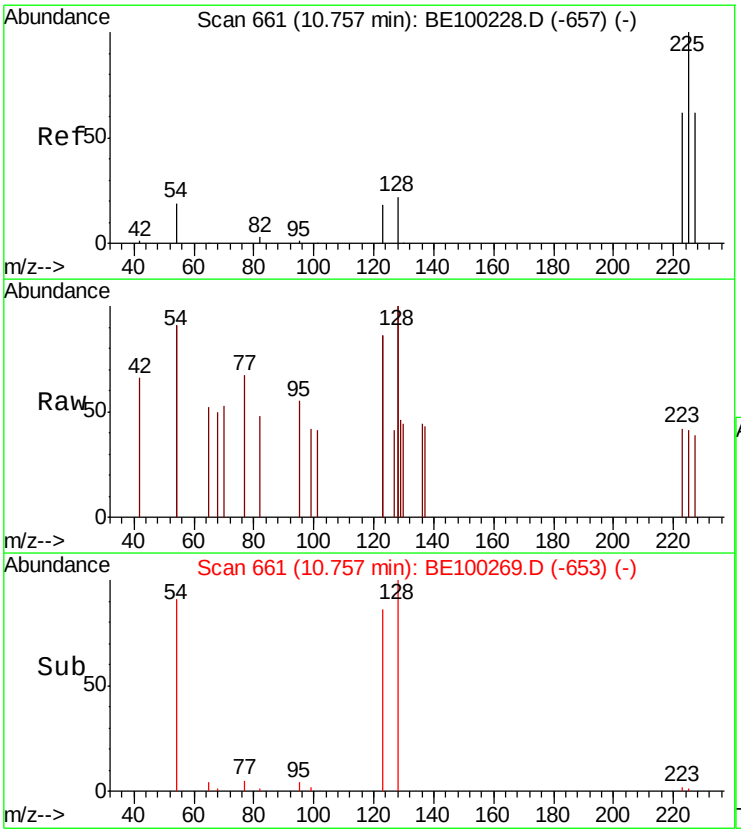
#9
Naphthalene
Concen: 0.145 ng
RT: 10.48 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:128 Resp: 4764

Ion	Ratio	Lower	Upper
128	100		
129	5.0	3.0	4.6#
127	4.9	3.5	5.3

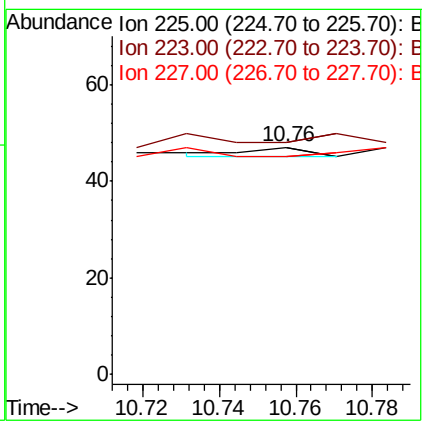


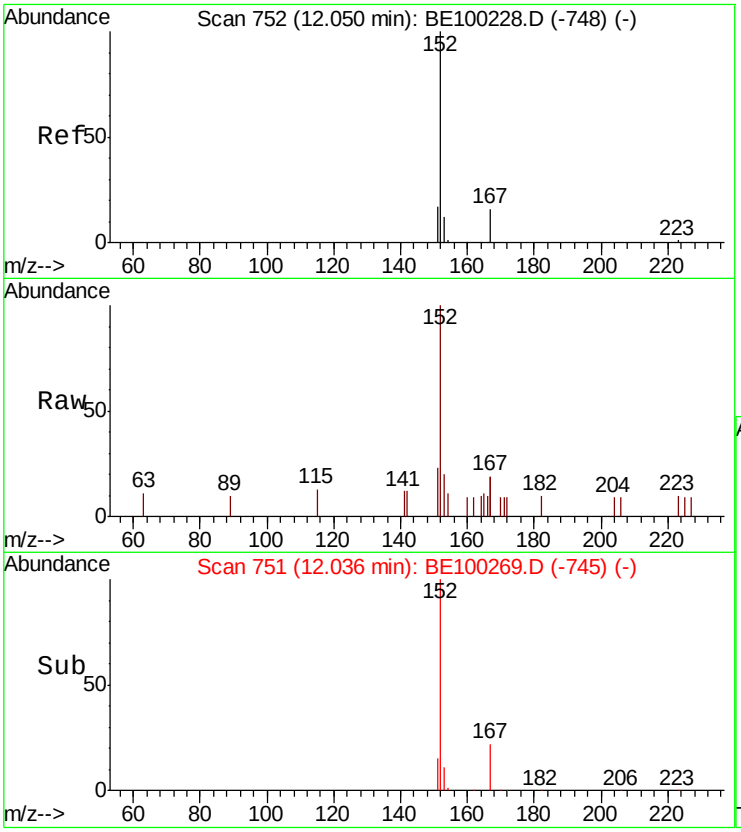


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.76 min Scan# 661
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	100.0	49.1	73.7#
227	0.0	49.3	73.9#



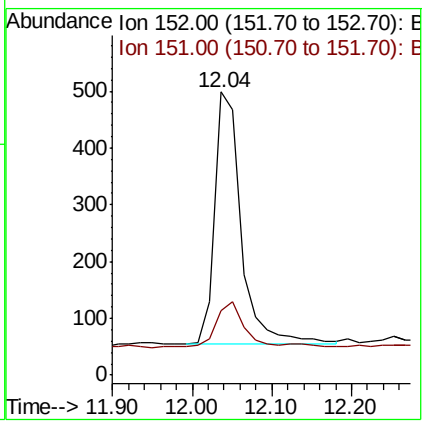


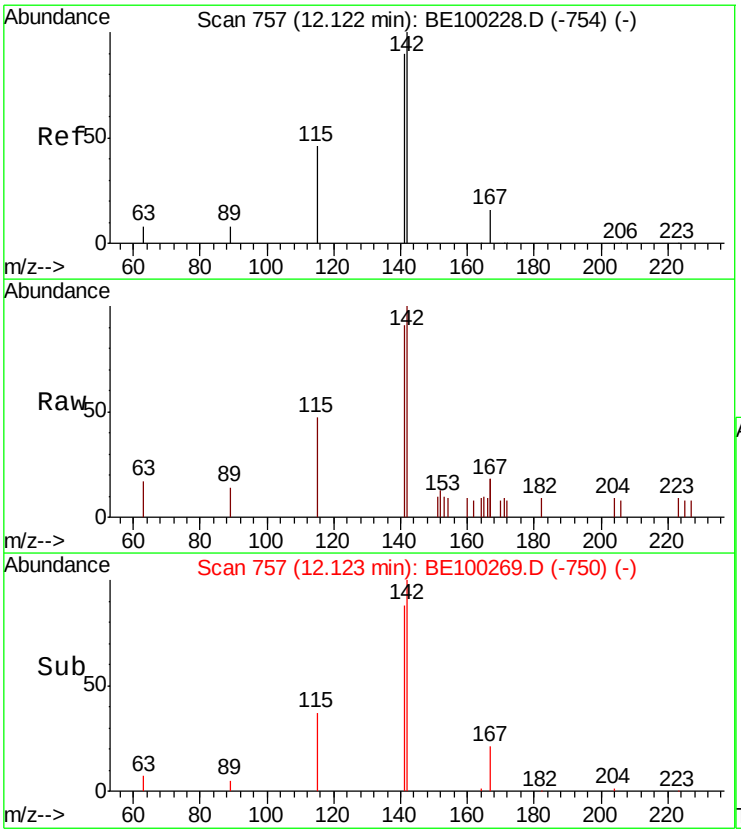
#11
2-Methylnaphthalene-d10
Concen: 0.183 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:152 Resp: 1026

Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.1	22.7

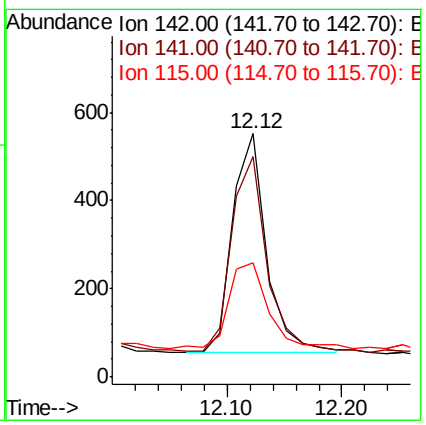


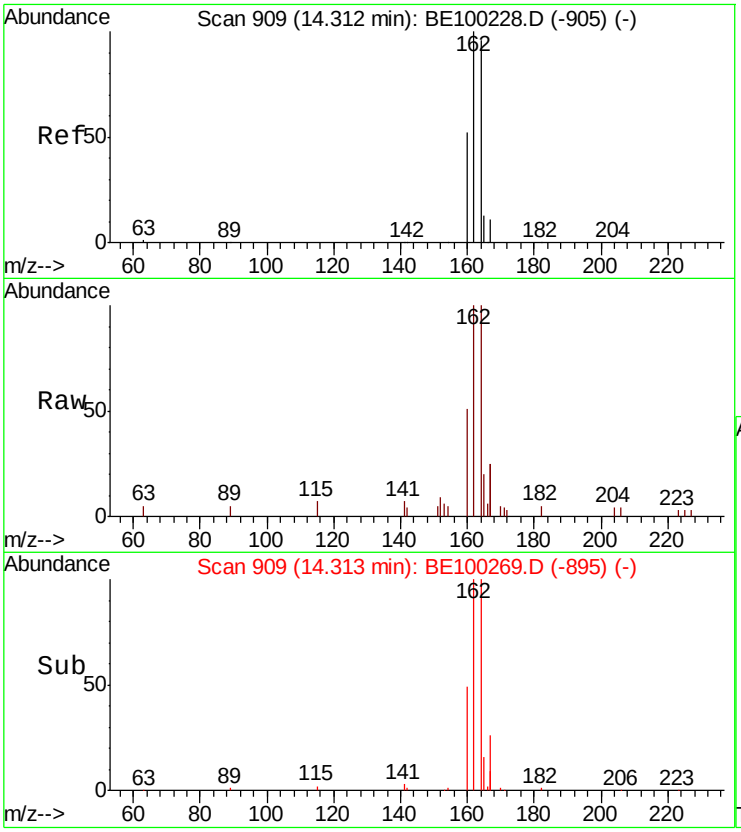


#12
2-Methylnaphthalene
Concen: 0.175 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:142 Resp: 1008

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.4	108.6
115	47.1	40.4	60.6



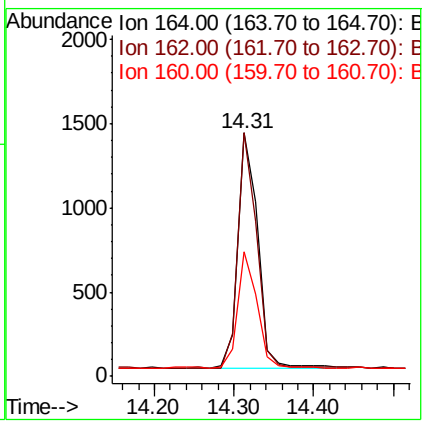


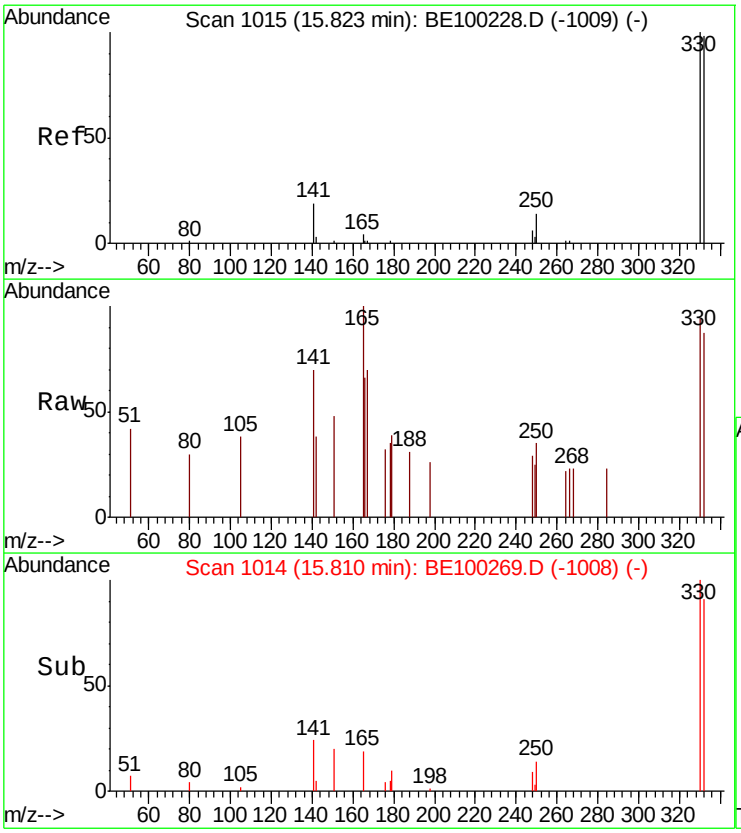
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:164 Resp: 2386

Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.4	125.0
160	51.2	45.0	67.6

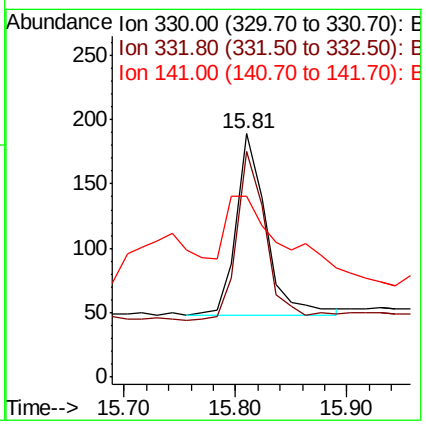


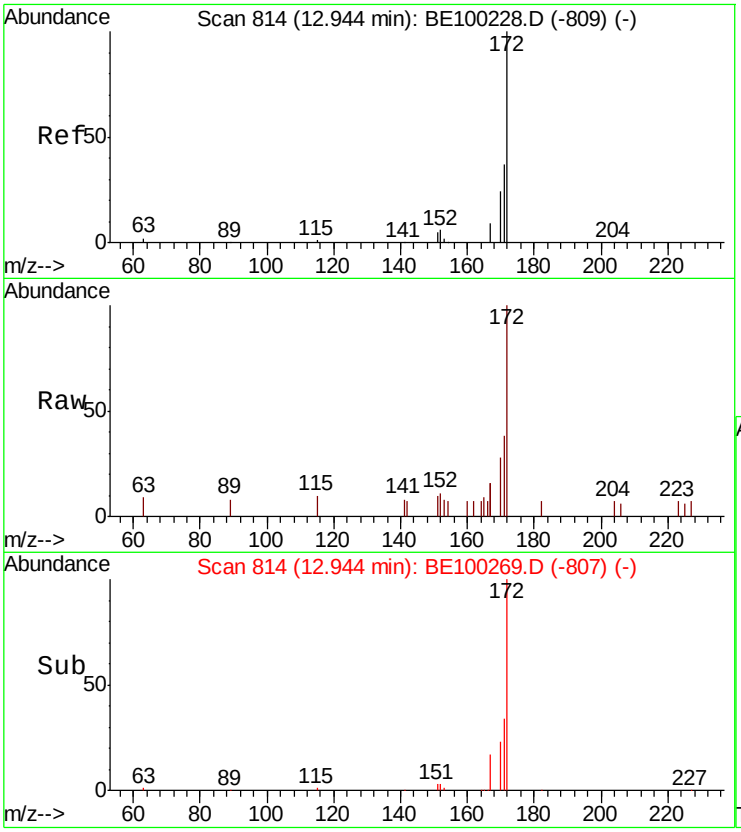


#14
2,4,6-Tribromophenol
Concen: 0.159 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:330 Resp: 265

Ion	Ratio	Lower	Upper
330	100		
332	92.1	77.0	115.4
141	102.3	22.0	33.0#



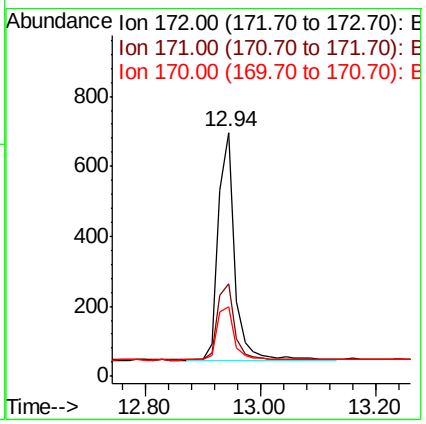


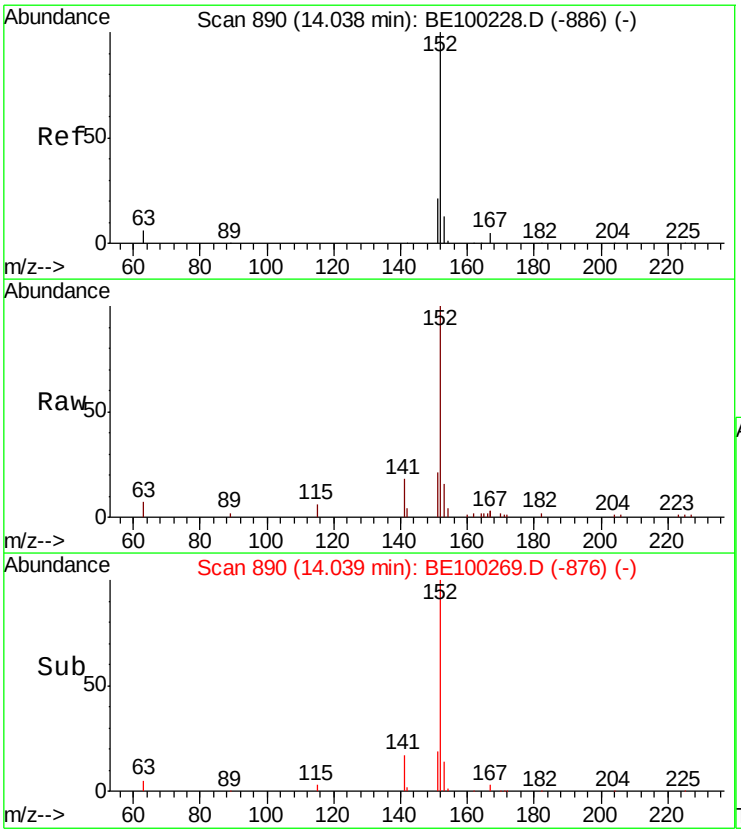
#15
2-Fluorobiphenyl
Concen: 0.140 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:172 Resp: 1297

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.9	47.9
170	28.4	22.2	33.2

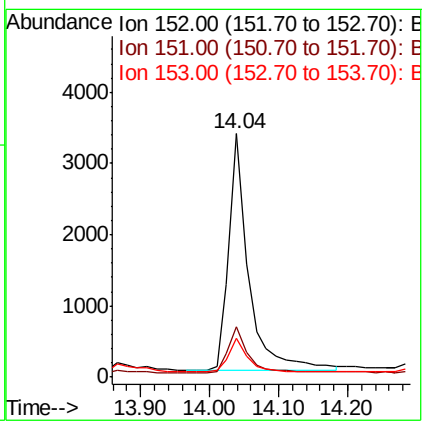


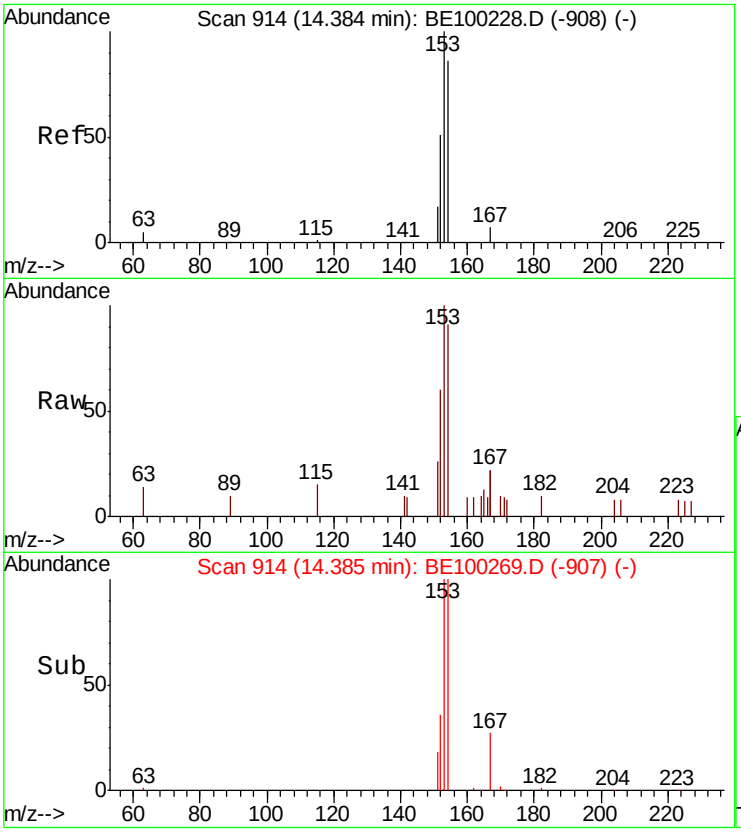


#16
Acenaphthylene
Concen: 0.580 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:152 Resp: 6645

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	25.0
153	14.0	10.5	15.7



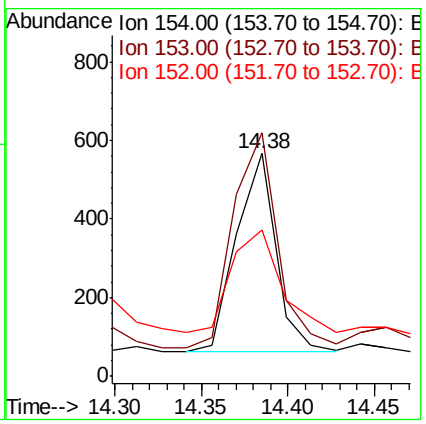


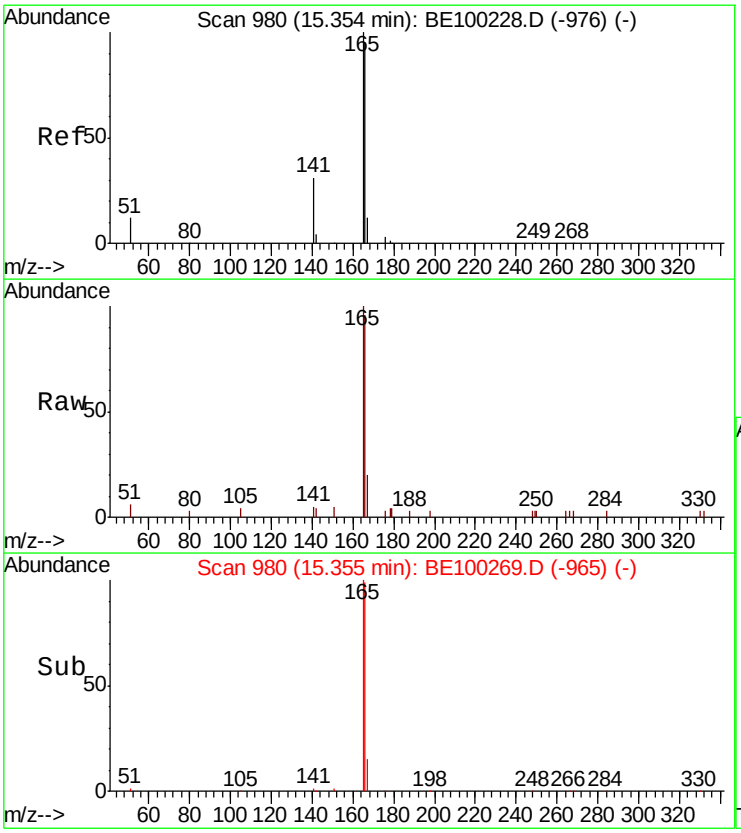
#17
Acenaphthene
Concen: 0.125 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:154 Resp: 810

Ion	Ratio	Lower	Upper
154	100		
153	121.0	93.4	140.2
152	68.5	49.4	74.2

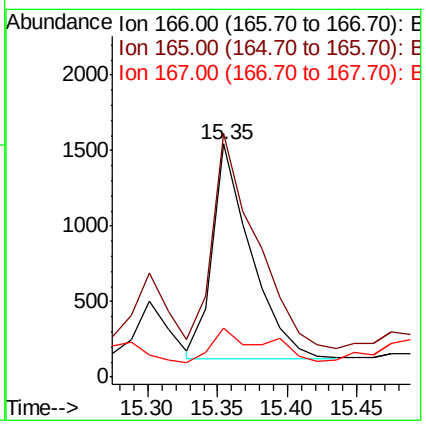


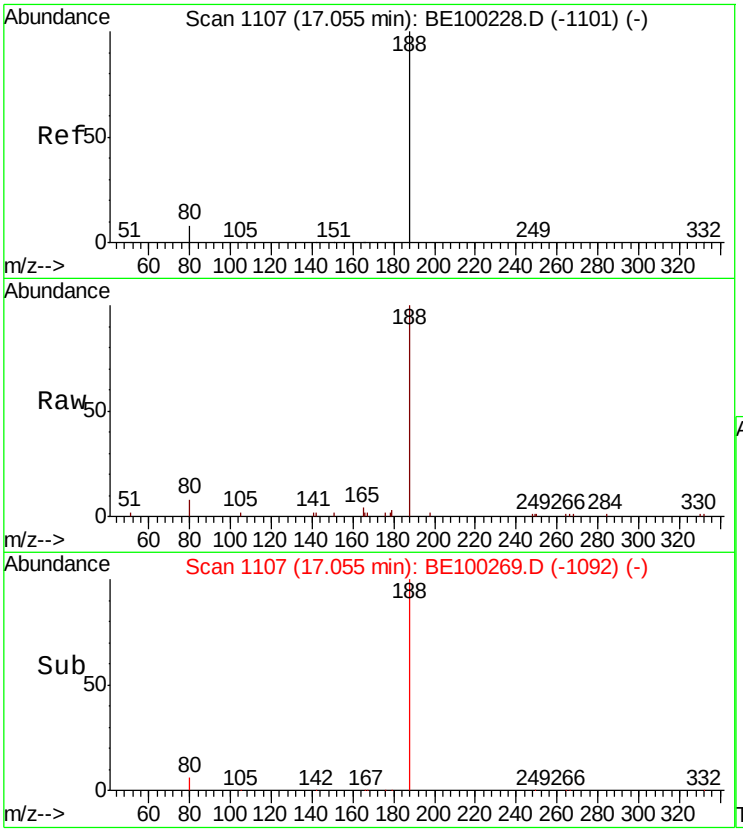


#18
Fluorene
Concen: 0.285 ng
RT: 15.35 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:166 Resp: 2735

Ion	Ratio	Lower	Upper
166	100		
165	112.0	81.1	121.7
167	21.9	10.7	16.1#



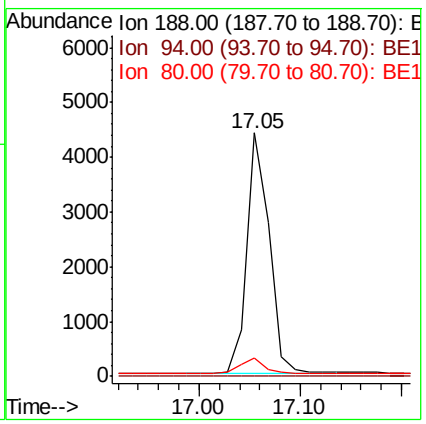


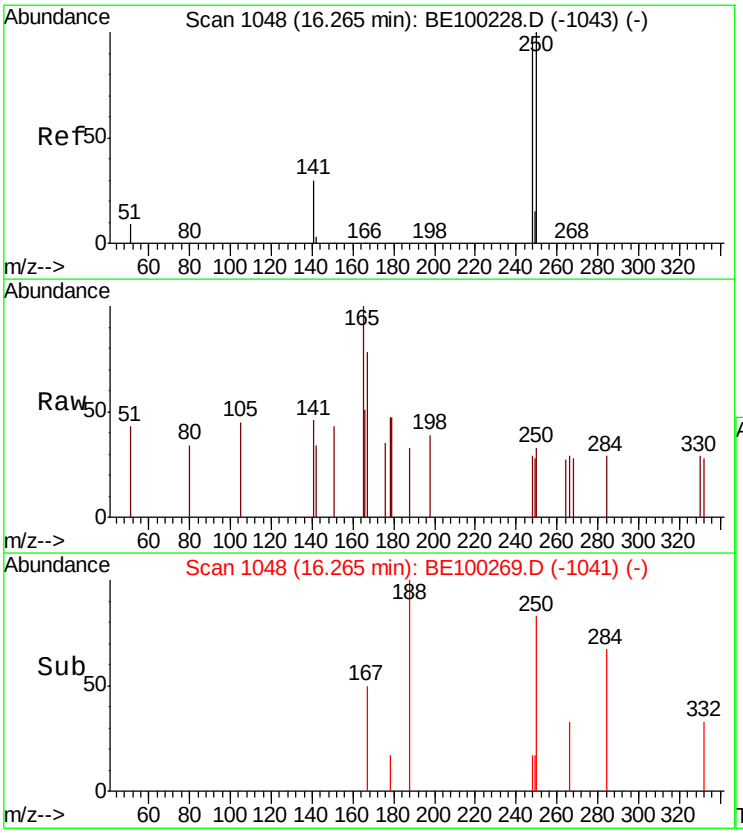
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:188 Resp: 6720

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	7.6	11.4#

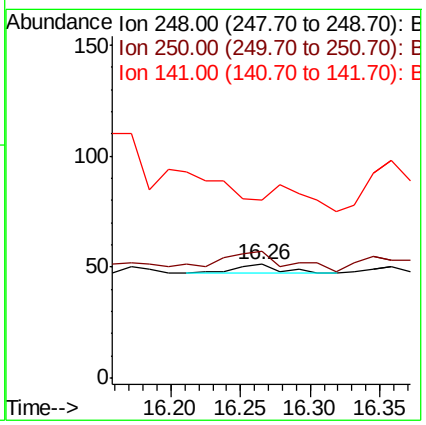


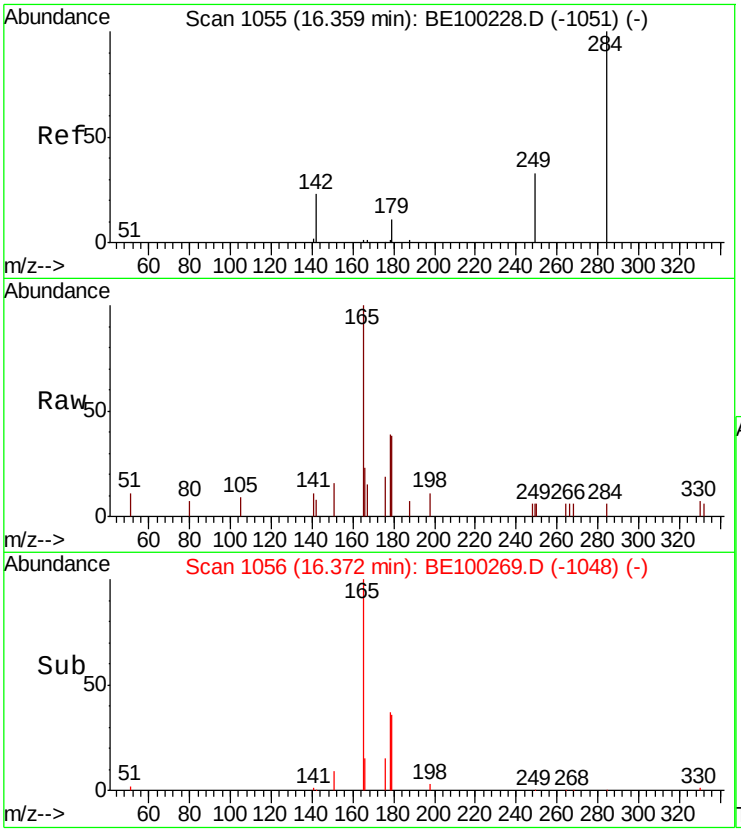


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.26 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:248 Resp: 10

Ion	Ratio	Lower	Upper
248	100		
250	111.8	84.2	126.4
141	156.9	29.3	43.9#



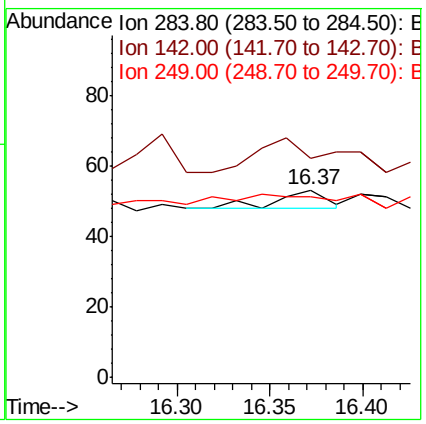


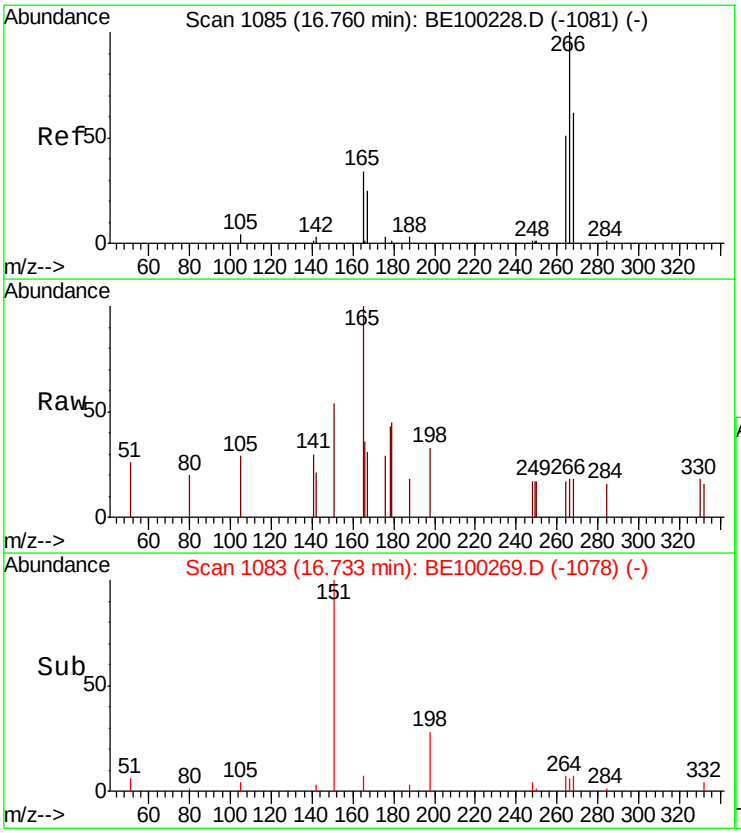
#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:284 Resp: 9

Ion	Ratio	Lower	Upper
284	100		
142	255.6	18.8	28.2#
249	0.0	23.7	35.5#

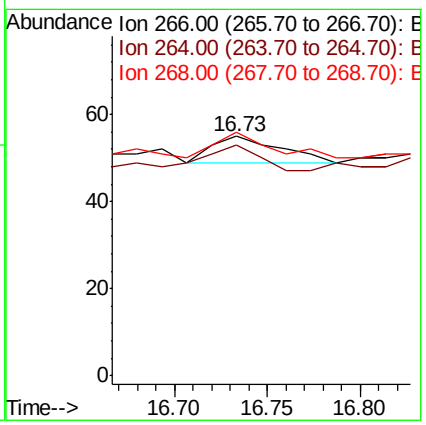


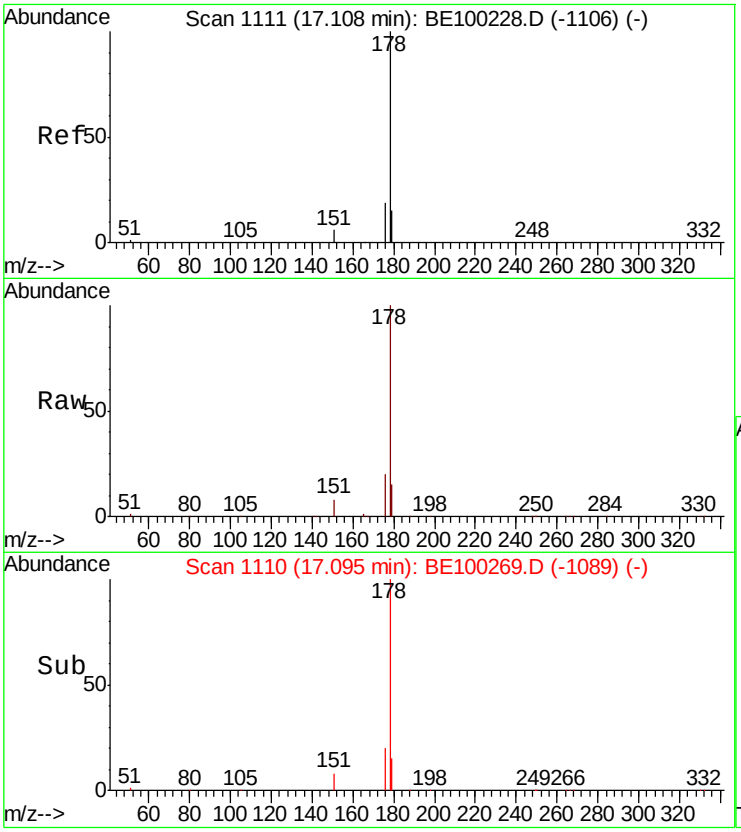


#22
Pentachlorophenol
Concen: 0.011 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:266 Resp: 15

Ion	Ratio	Lower	Upper
266	100		
264	96.4	56.2	84.2#
268	101.8	61.8	92.6#



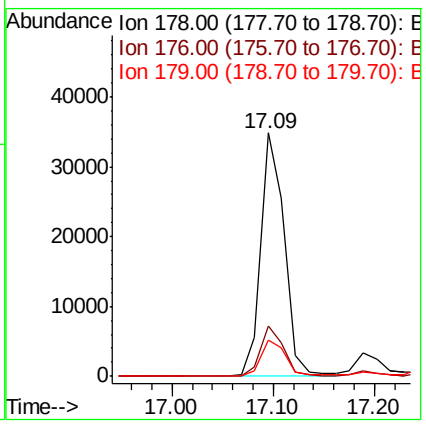


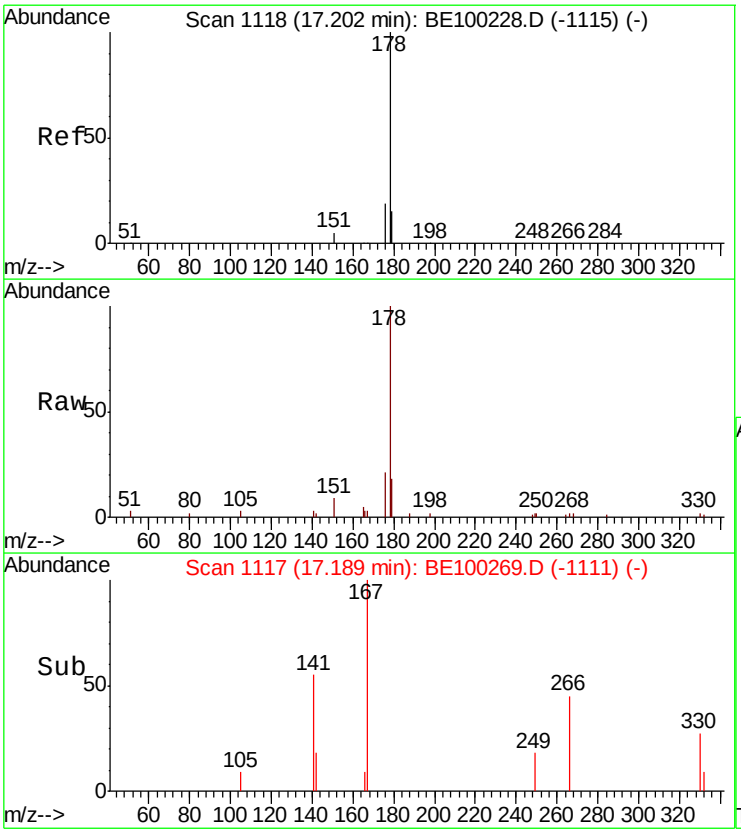
#23
Phenanthrene
Concen: 3.449 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:178 Resp: 56178

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.6	12.2	18.2

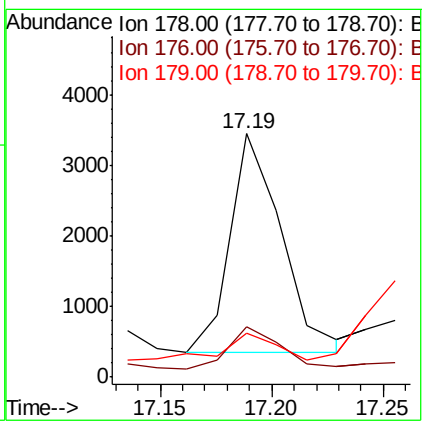


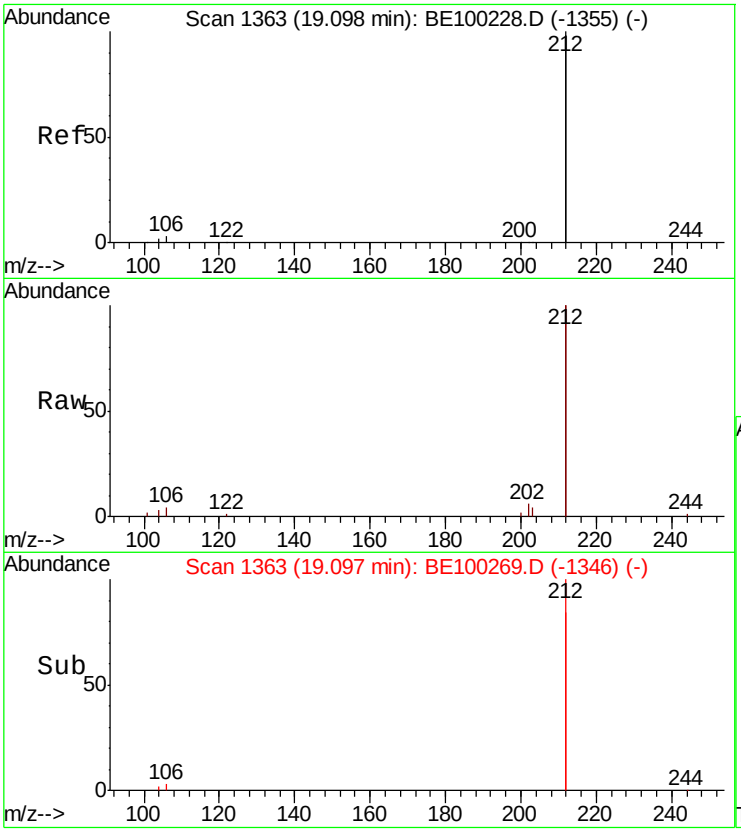


#24
Anthracene
Concen: 0.338 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:178 Resp: 4956

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	12.4	12.2	18.2



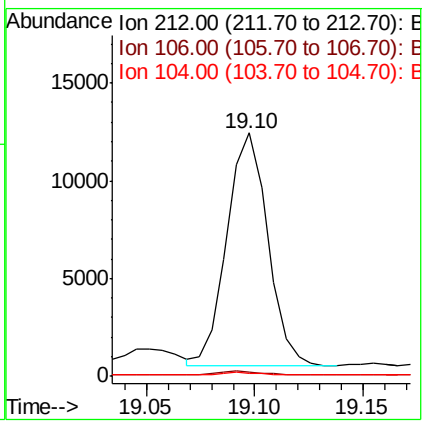


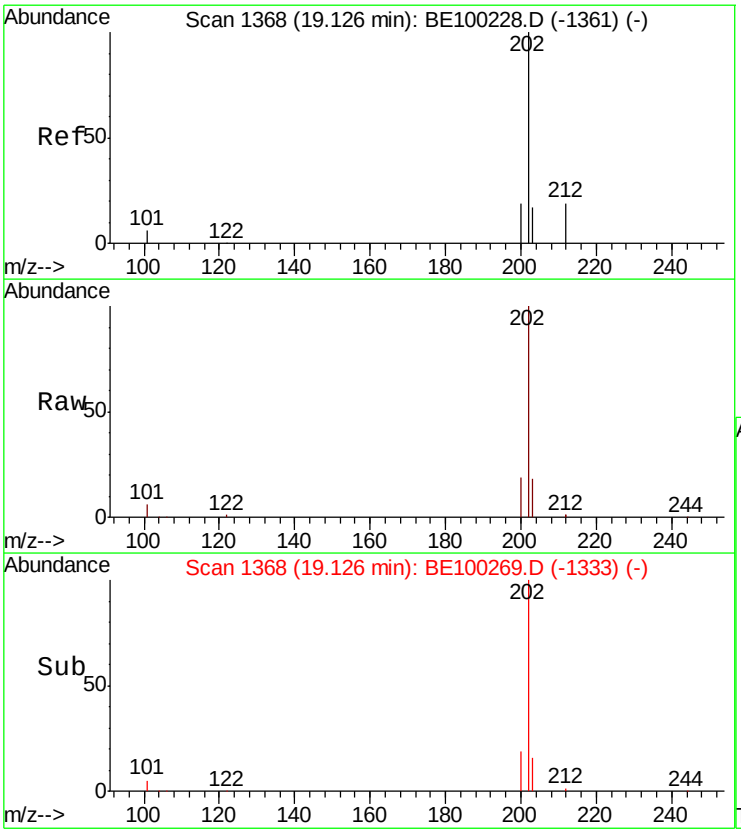
#25
Fluoranthene-d10
Concen: 0.160 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:212 Resp: 15609

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.0	0.8	1.2

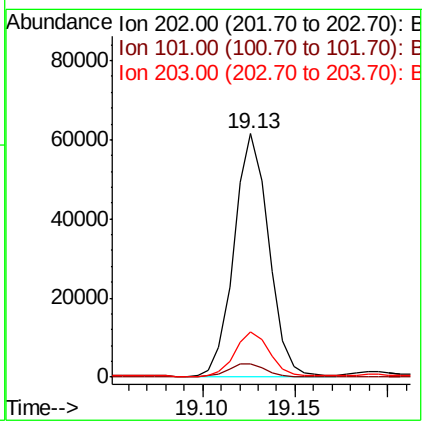


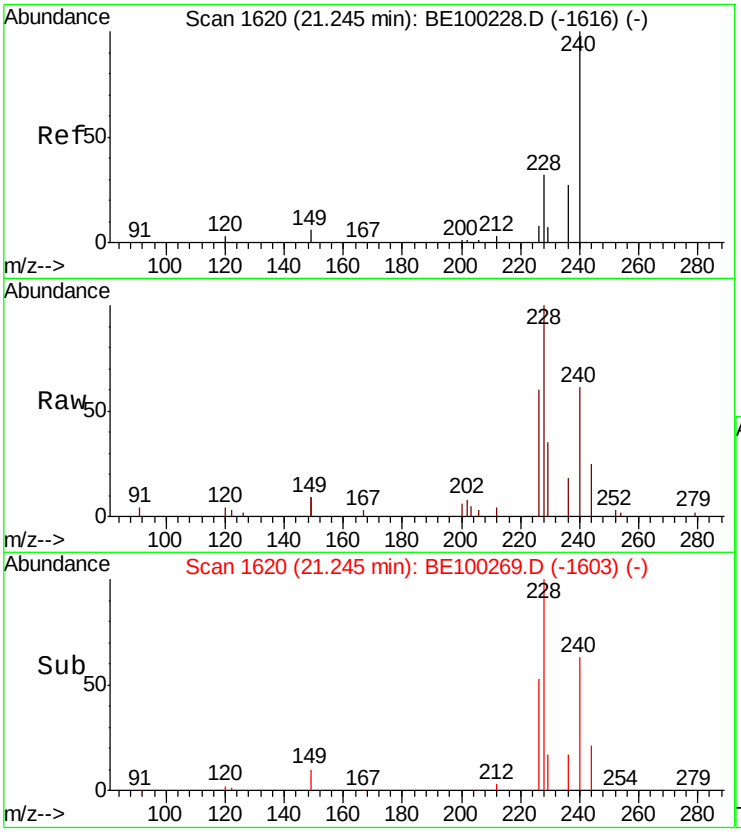


#26
Fluoranthene
Concen: 3.068 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:202 Resp: 79586

Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.6	7.0
203	18.2	13.7	20.5



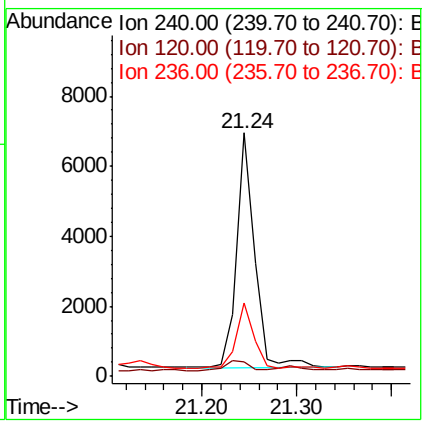


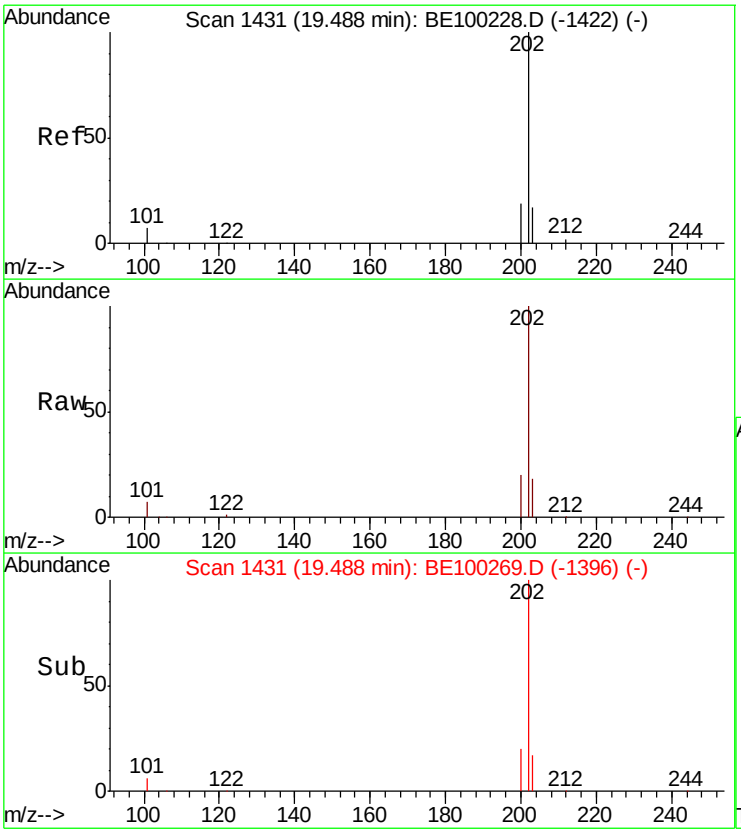
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:240 Resp: 8889

Ion	Ratio	Lower	Upper
240	100		
120	5.9	3.3	4.9#
236	30.0	22.6	34.0

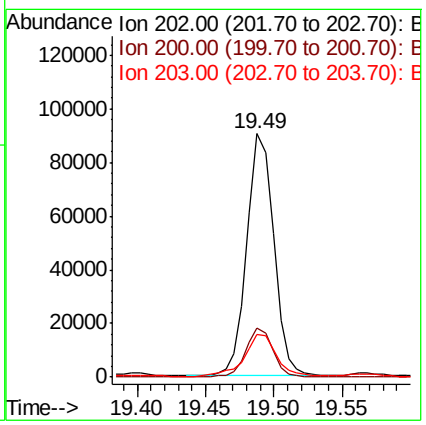


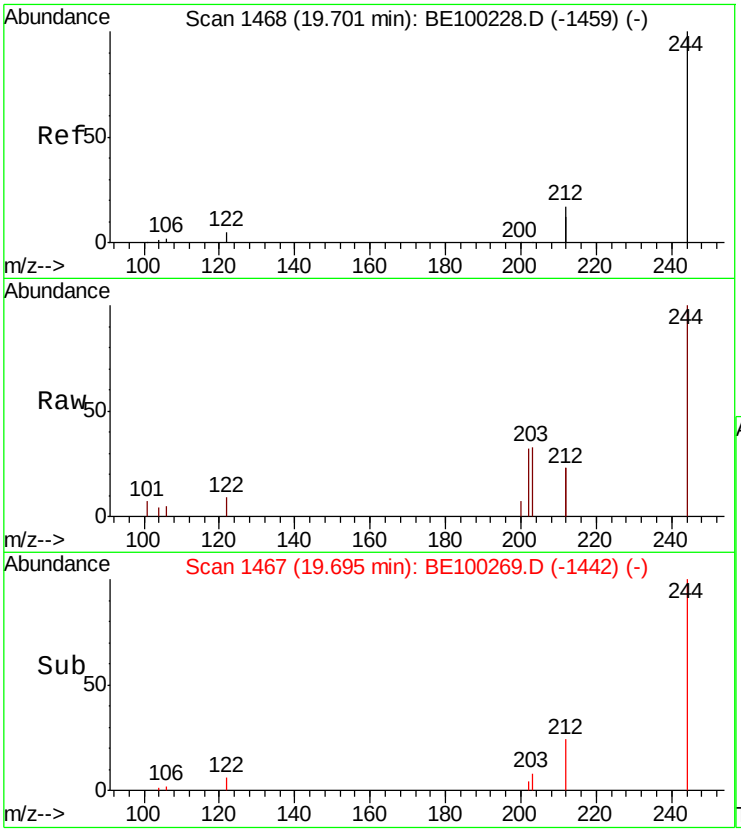


#28
Pyrene
Concen: 5.254 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:202 Resp: 123646

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	20.4	14.0	21.0



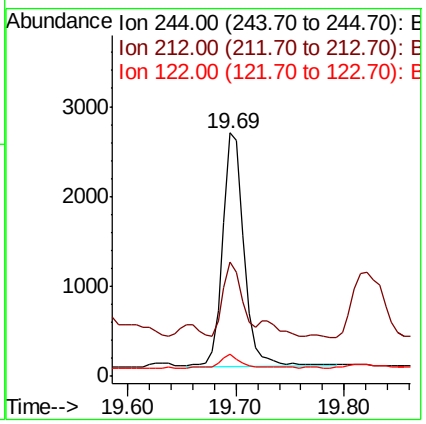


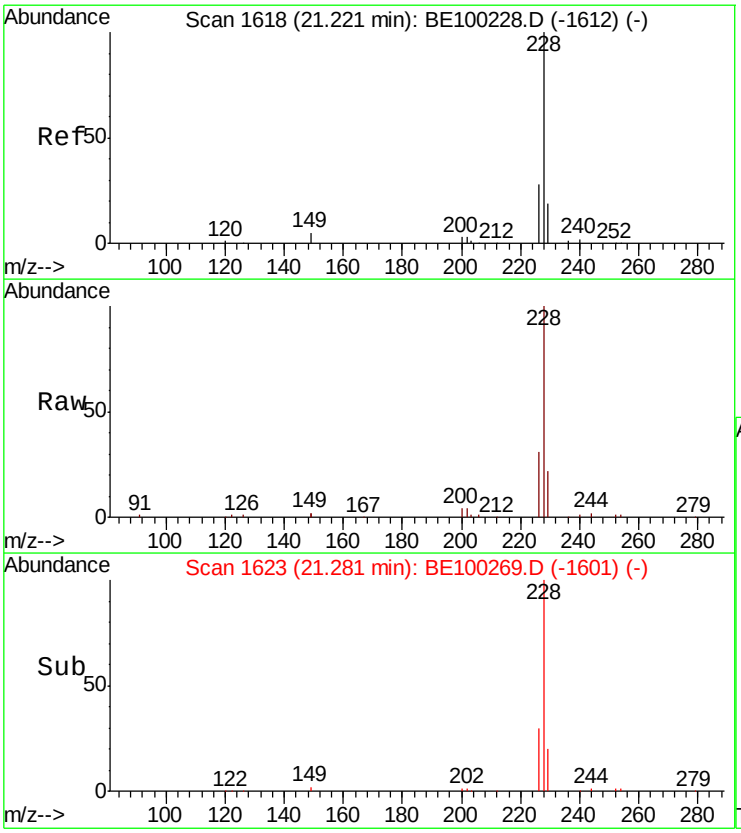
#29
Terphenyl-d14
Concen: 0.192 ng
RT: 19.69 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:244 Resp: 3532

Ion	Ratio	Lower	Upper
244	100		
212	46.9	27.3	40.9#
122	9.2	4.7	7.1#

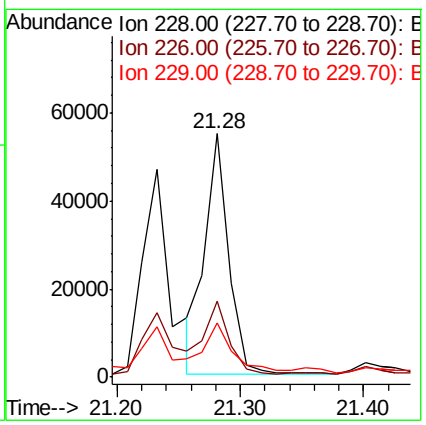


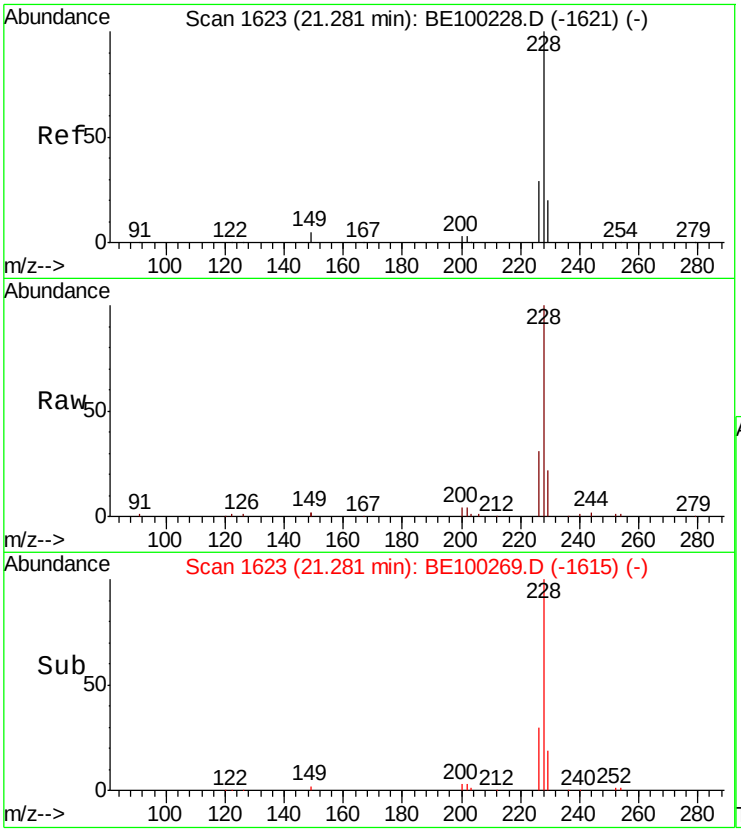


#30
Benzo(a)anthracene
Concen: 2.535 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.06 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:228 Resp: 74094

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.2	34.8
229	22.3	15.7	23.5



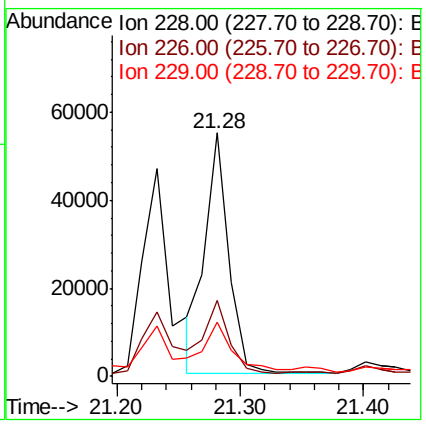


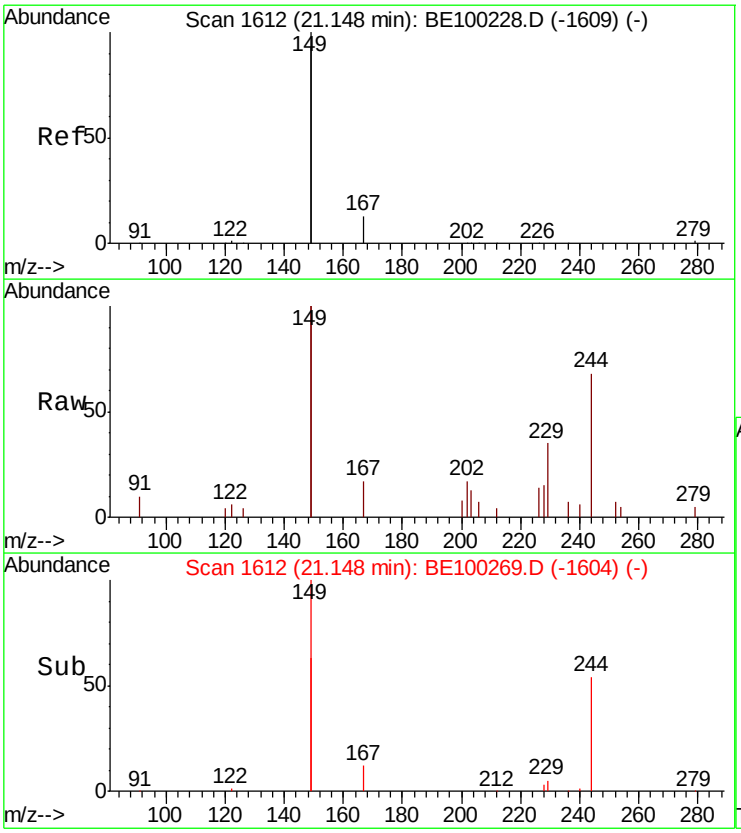
#31
Chrysene
Concen: 2.512 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:228 Resp: 73738

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.9	35.9
229	22.3	16.5	24.7

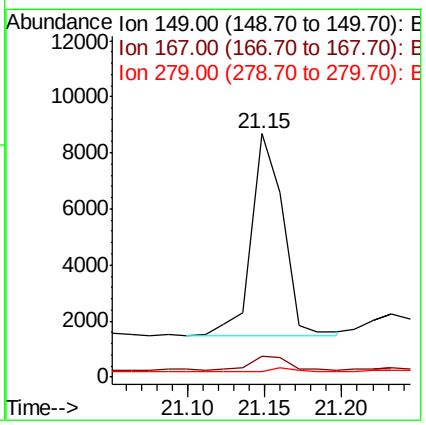


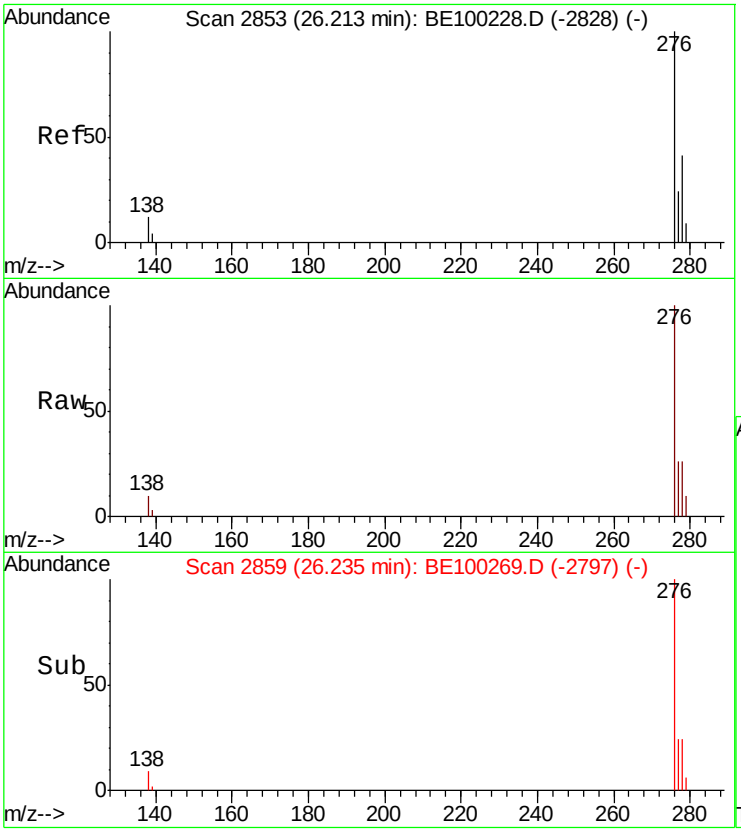


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.193 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:149 Resp: 10351

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.8	8.8
279	2.0	1.1	1.7#



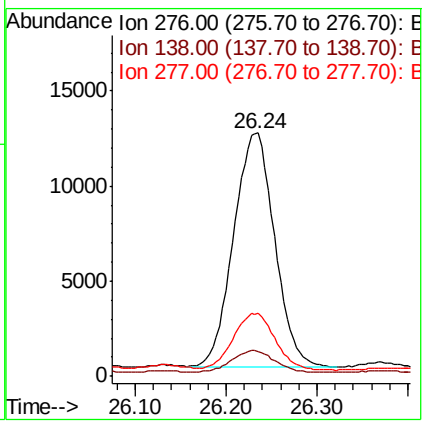


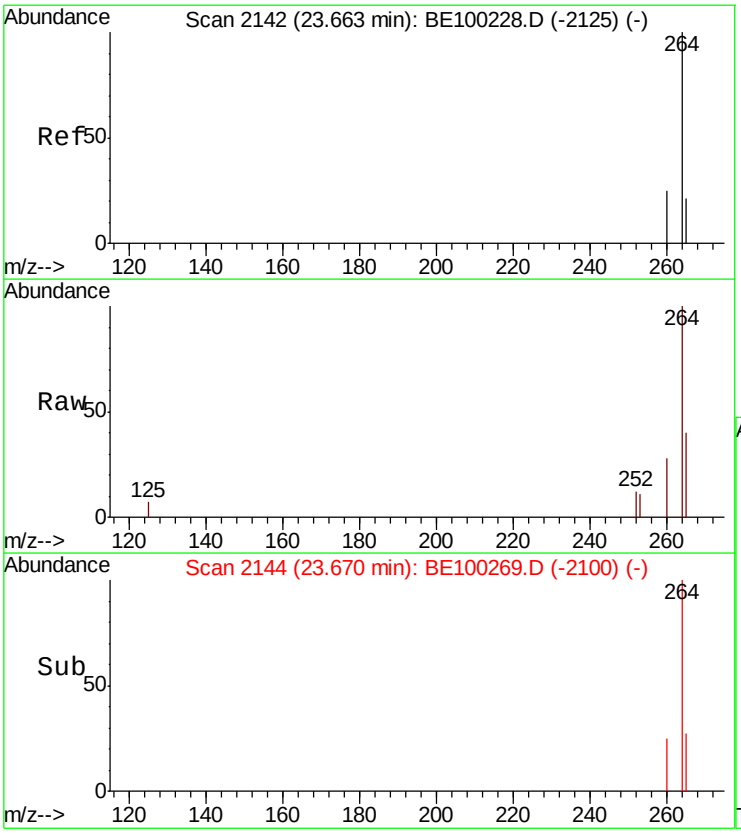
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.992 ng
RT: 26.24 min Scan# 2859
Delta R.T. 0.02 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:276 Resp: 38509

Ion	Ratio	Lower	Upper
276	100		
138	9.7	9.4	14.0
277	25.1	19.2	28.8

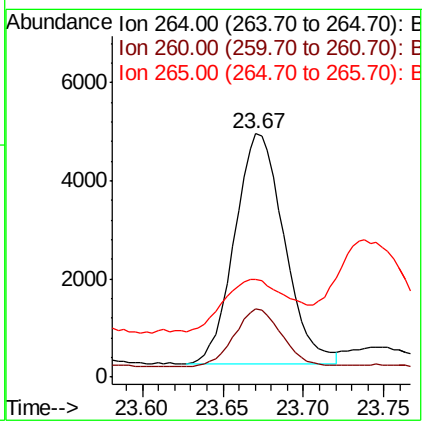


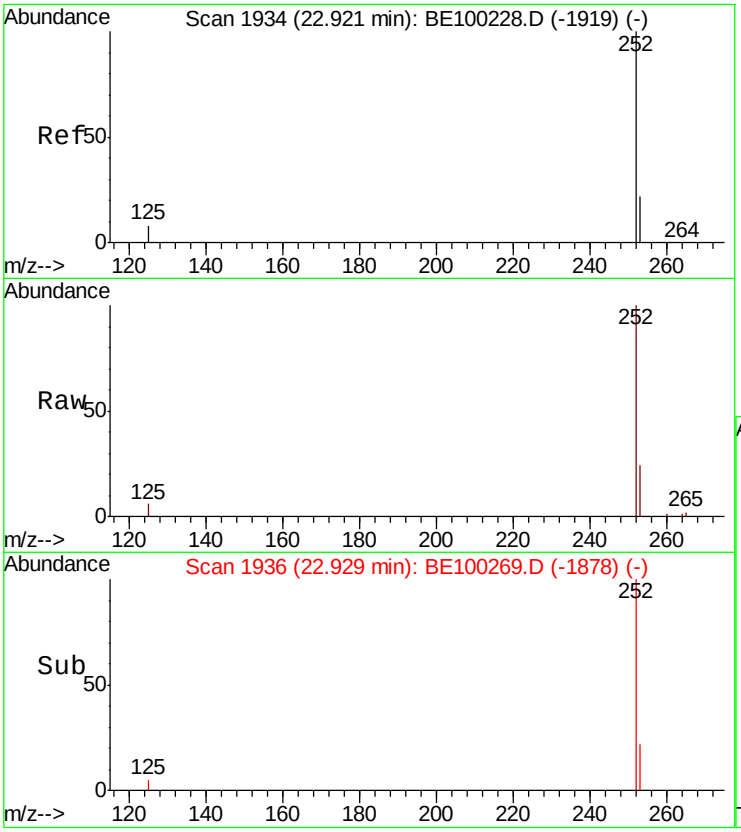


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:264 Resp: 10046

Ion	Ratio	Lower	Upper
264	100		
260	28.1	20.8	31.2
265	39.9	21.8	32.6#



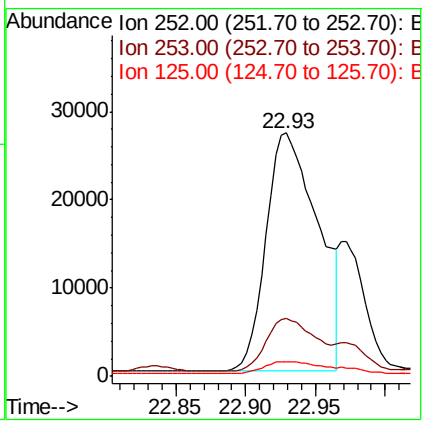


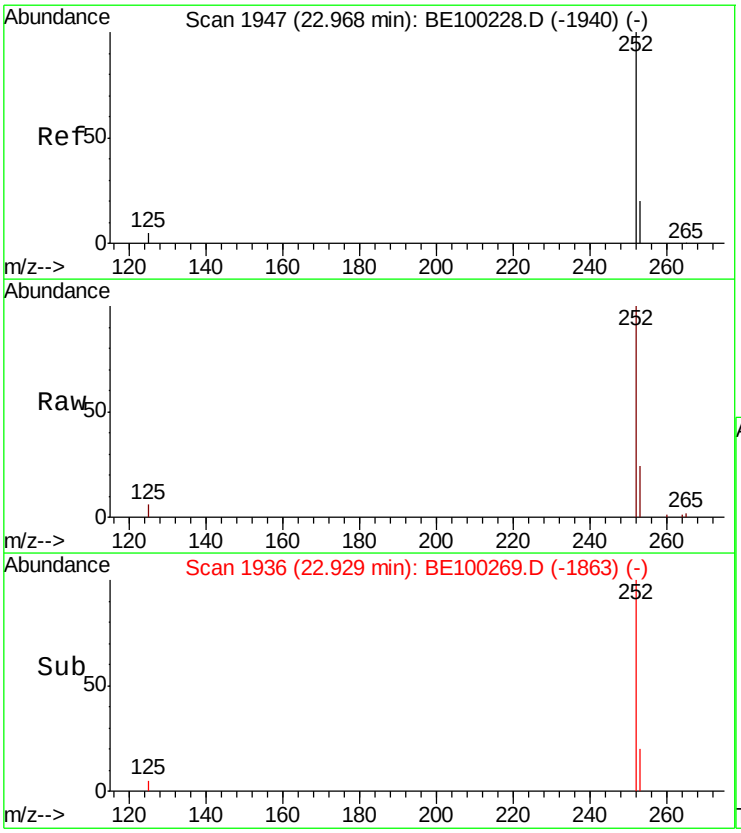
#35
Benzo(b)fluoranthene
Concen: 2.574 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:252 Resp: 70115

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	6.2	7.4	11.0#

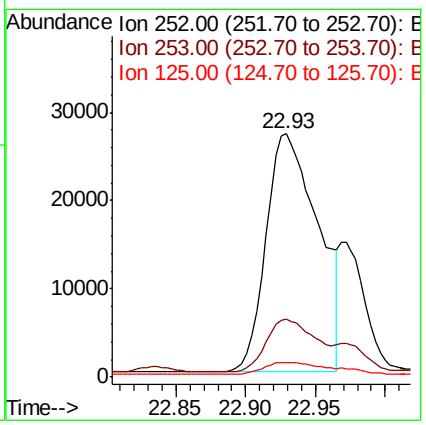


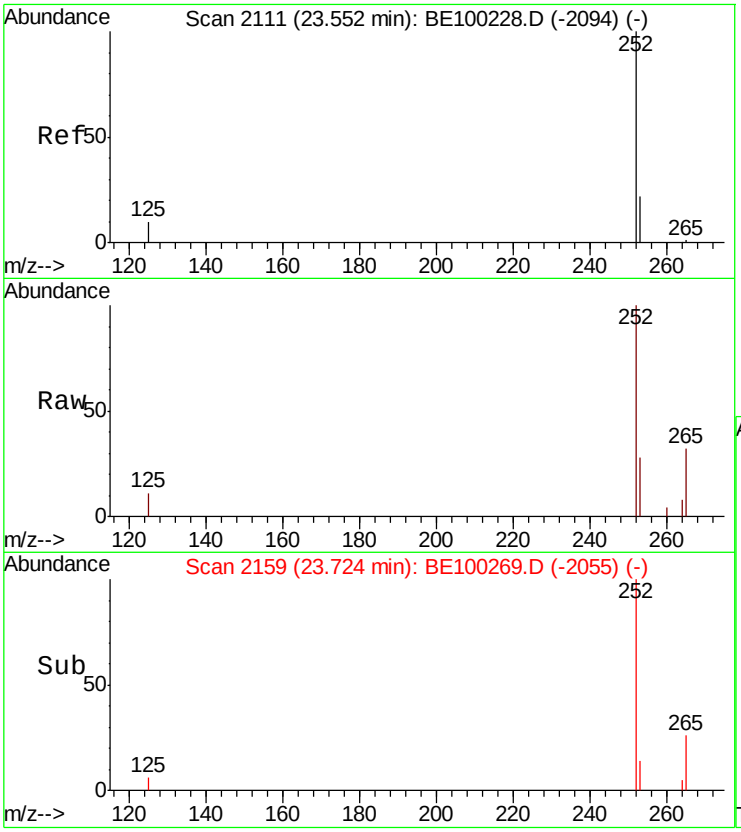


#36
Benzo(k)fluoranthene
Concen: 2.306 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:252 Resp: 70115

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	6.2	5.0	7.4



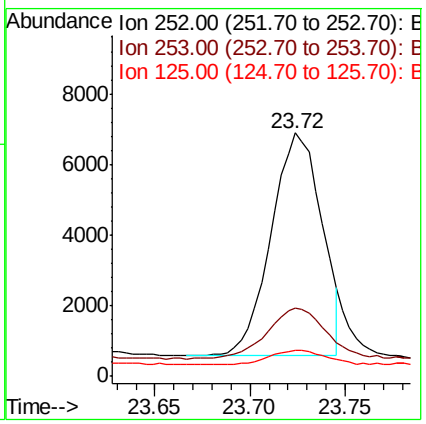


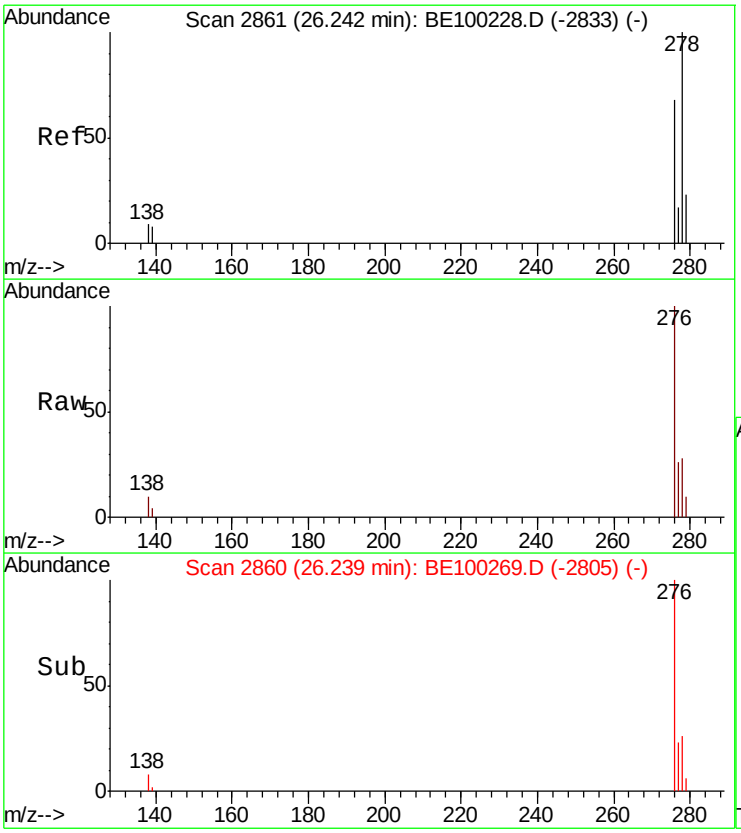
#37
Benzo(a)pyrene
Concen: 0.426 ng
RT: 23.72 min Scan# 2159
Delta R.T. 0.17 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:252 Resp: 11627

Ion	Ratio	Lower	Upper
252	100		
253	28.1	19.6	29.4
125	10.7	9.0	13.6

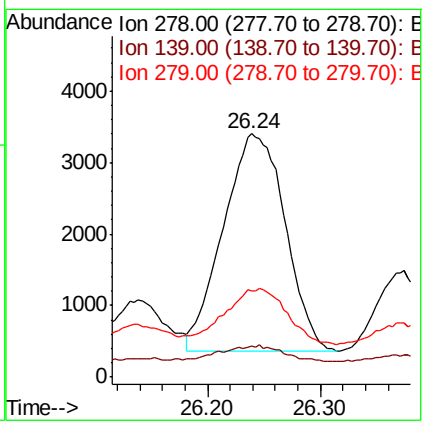


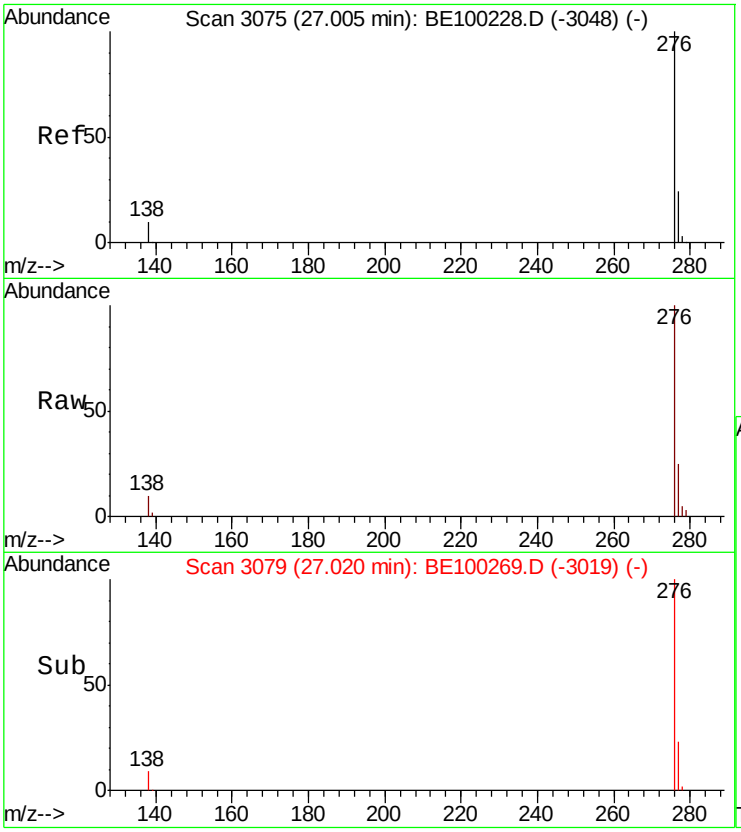


#38
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:278 Resp: 11489

Ion	Ratio	Lower	Upper
278	100		
139	12.8	8.2	12.2#
279	35.4	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.531 ng
RT: 27.02 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:276 Resp: 44826

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.2	30.2
138	10.4	9.0	13.6