Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100274.D
Acq On : 1 Jul 2019 20:19
Operator : JU/SJ
Sample : K3428-08DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-013-SW164-061319DL

Quant Time: Jul 02 02:22:28 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	812	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	3020	0.40	ng		0.00
13) Acenaphthene-d10	14.31	164	2387	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	6699	0.40	ng		0.00
27) Chrysene-d12	21.25	240	8671	0.40	ng		0.00
34) Perylene-d12	23.67	264	9914	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	64	0.03	ng		0.00
5) Phenol-d6	6.84	99	91	0.03	ng		0.00
8) Nitrobenzene-d5	8.85	82	93	0.03	ng		0.03
11) 2-Methylnaphthalene-d10	12.05	152	174	0.03	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	47	0.03	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	272	0.03	ng		0.00
25) Fluoranthene-d10	19.10	212	2913	0.03	ng		0.00
29) Terphenyl-d14	19.70	244	1445	0.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	45	0.036	ng	#	45
3) n-Nitrosodimethylamine	3.46	42	11	0.019	ng	#	1
6) bis(2-Chloroethyl)ether	7.07	93	6	0.003	ng	#	1
9) Naphthalene	10.48	128	2324	0.070	ng	#	92
10) Hexachlorobutadiene	10.76	225	2	0.001	ng	#	1
12) 2-Methylnaphthalene	12.12	142	337	0.058	ng	#	89
16) Acenaphthylene	14.04	152	1721	0.150	ng		99
17) Acenaphthene	14.38	154	501	0.077	ng		98
18) Fluorene	15.35	166	1176	0.123	ng	#	93
20) 4-Bromophenyl-phenylether	16.25	248	10	0.002	ng	#	62
21) Hexachlorobenzene	16.32	284	8	0.002	ng	#	48
22) Pentachlorophenol	16.73	266	22	0.016	ng	#	75
23) Phenanthrene	17.09	178	28126	1.732	ng		99
24) Anthracene	17.19	178	4101	0.280	ng		99
26) Fluoranthene	19.13	202	64078	2.478	ng		99
28) Pyrene	19.49	202	65922	2.872	ng		96
30) Benzo(a)anthracene	21.23	228	39048	1.370	ng		97
31) Chrysene	21.28	228	44370	1.550	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	24808	0.558	ng		100
33) Indeno(1,2,3-cd)pyrene	26.23	276	27705	0.732	ng		97
35) Benzo(b)fluoranthene	22.93	252	50448	1.877	ng	#	97
36) Benzo(k)fluoranthene	22.93	252	50448	1.681	ng		98
37) Benzo(a)pyrene	23.72	252	8298	0.308	ng		93
38) Dibenzo(a,h)anthracene	26.24	278	7227	0.257	ng	#	86
39) Benzo(g,h,i)perylene	27.02	276	29126	1.008	ng		99

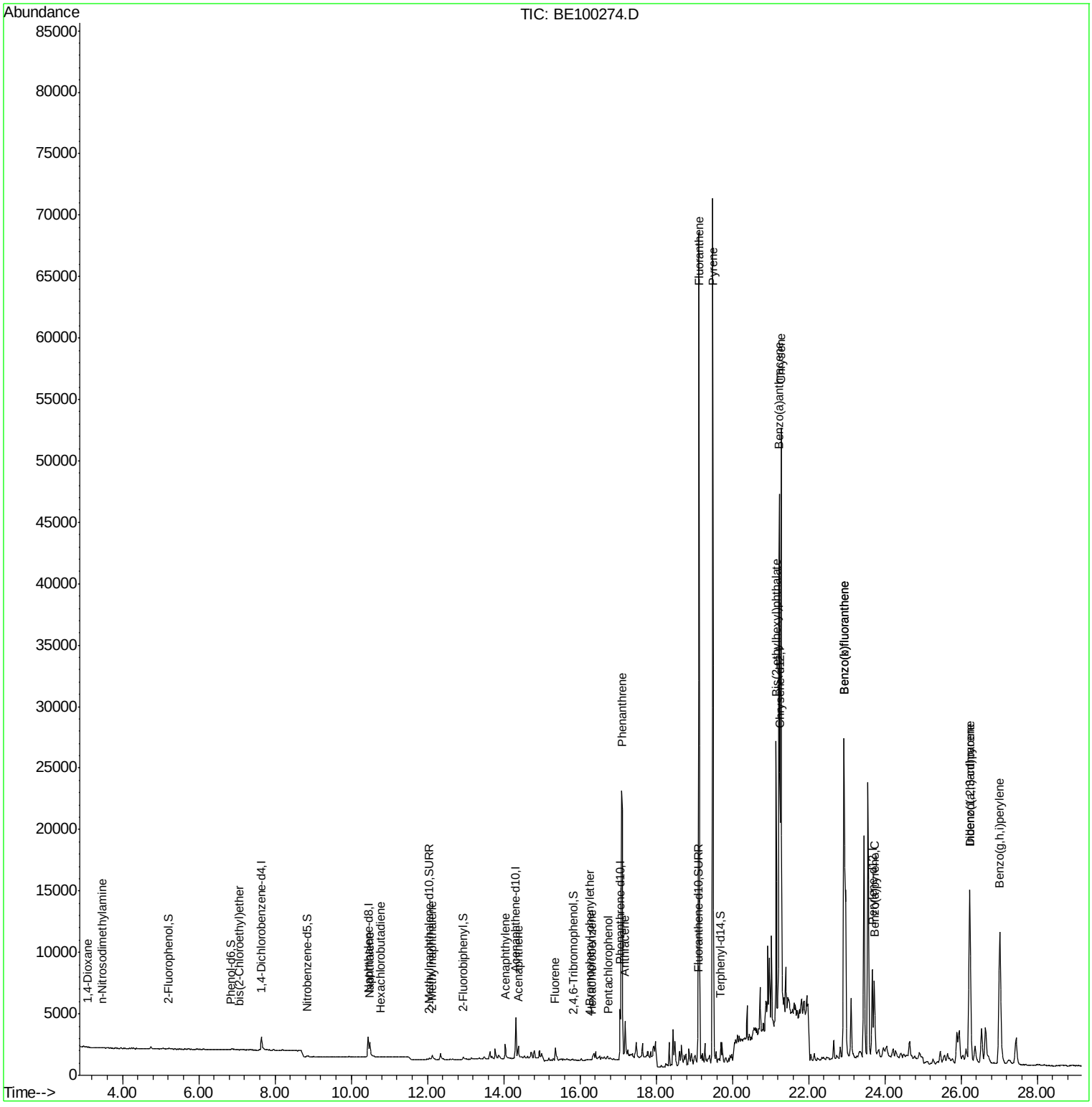
(#) = qualifier out of range (m) = manual integration (+) = signals summed

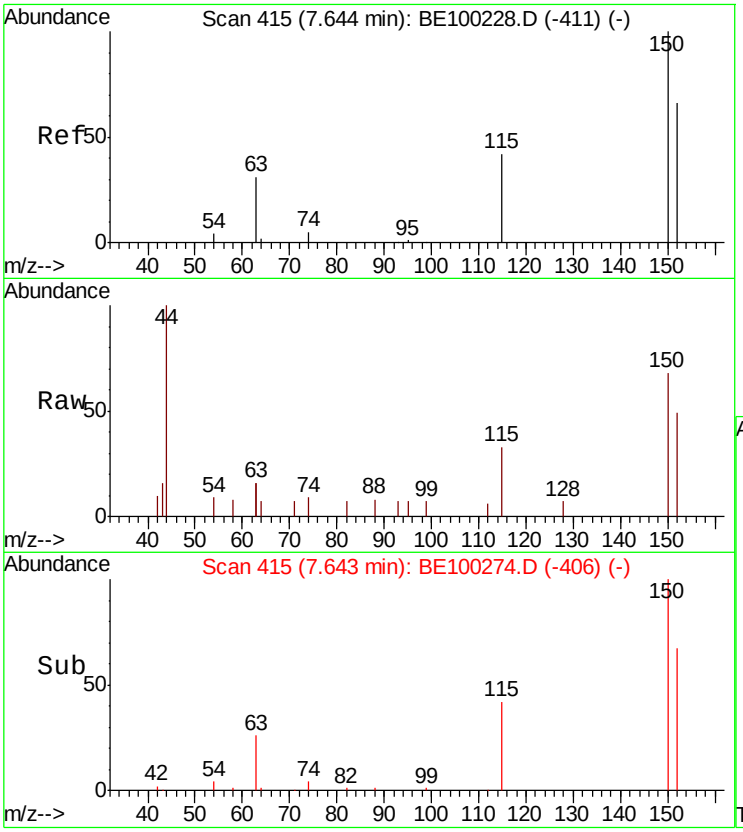
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100274.D
Acq On : 1 Jul 2019 20:19
Operator : JU/SJ
Sample : K3428-08DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Quant Time: Jul 02 02:22:28 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



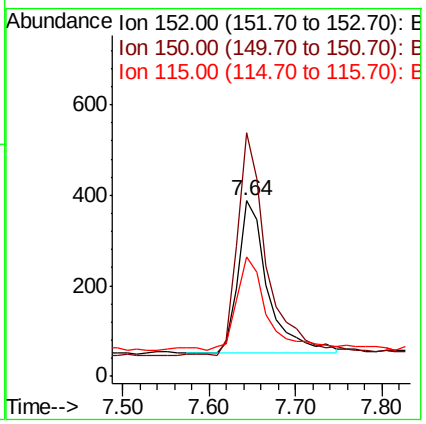


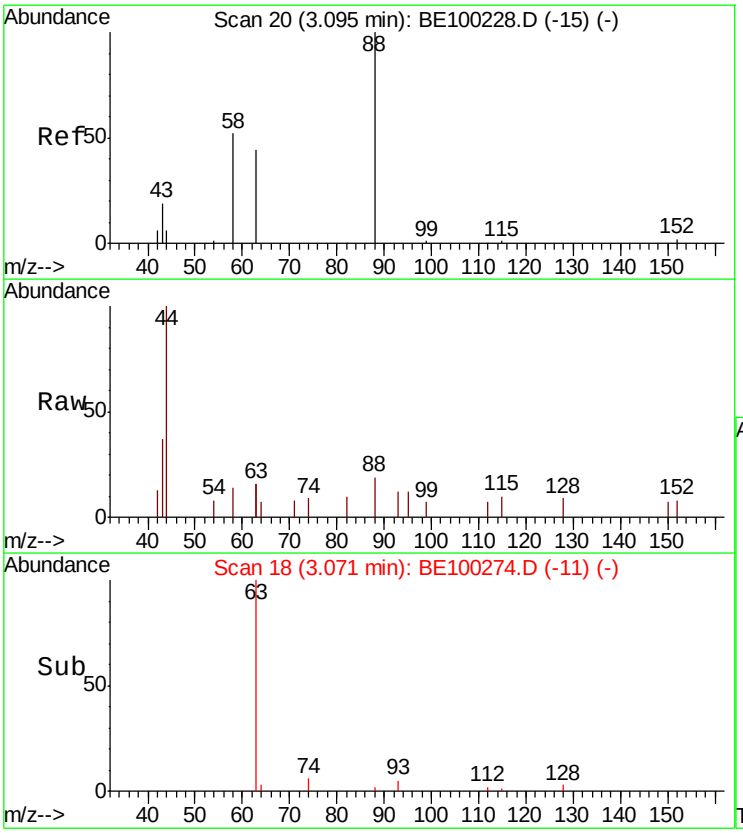
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:152 Resp: 812

Ion	Ratio	Lower	Upper
152	100		
150	139.0	114.5	171.7
115	68.2	57.1	85.7

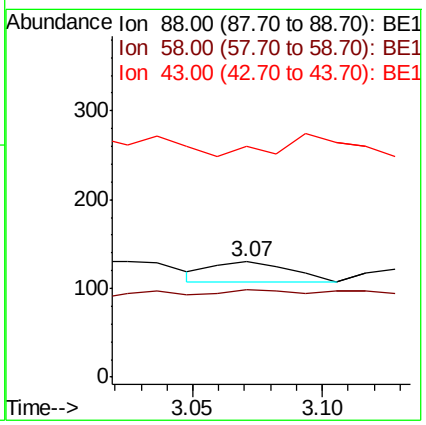


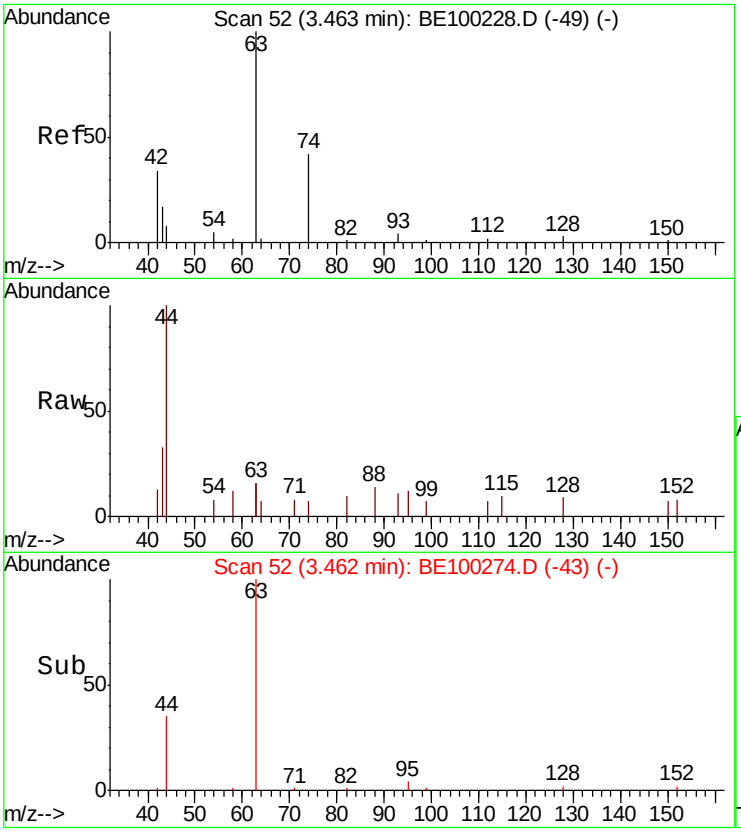


#2
1,4-Dioxane
Concen: 0.036 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.02 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion: 88 Resp: 45

Ion	Ratio	Lower	Upper
88	100		
58	13.3	43.6	65.4#
43	0.0	21.4	32.0#



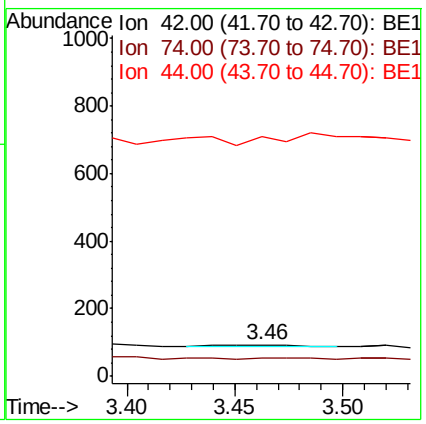


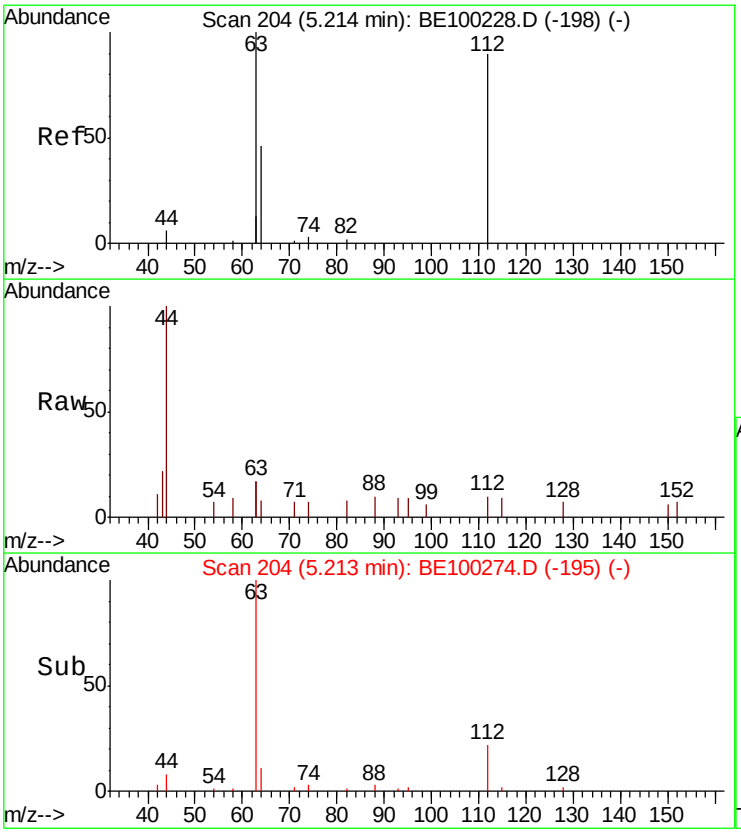
#3
n-Nitrosodimethylamine
Concen: 0.019 ng
RT: 3.46 min Scan# 52
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion: 42 Resp: 11

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

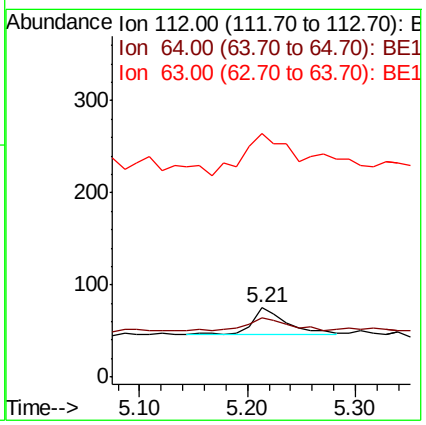


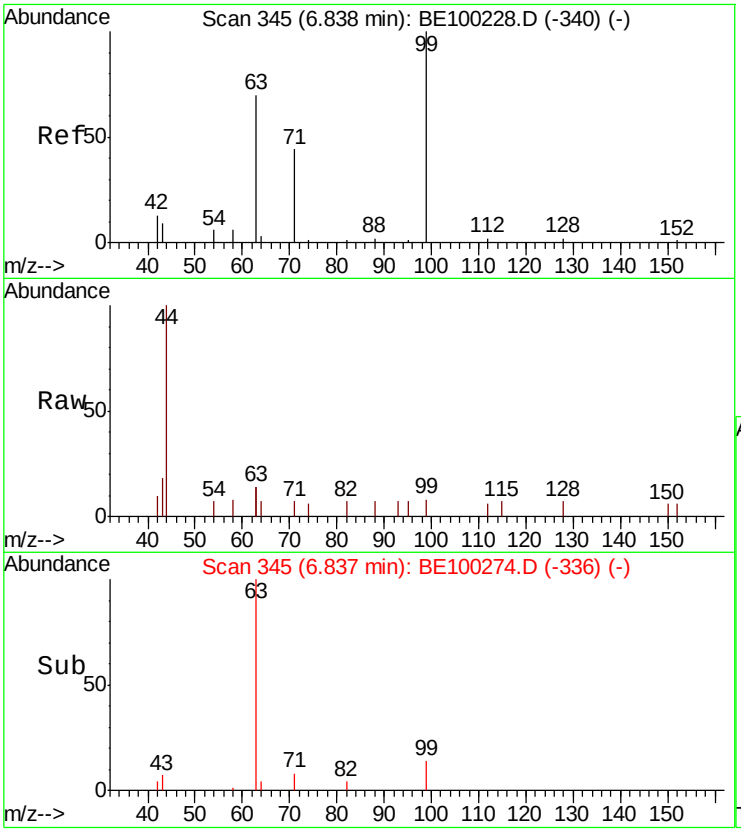


#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:112 Resp: 64

Ion	Ratio	Lower	Upper
112	100		
64	60.9	39.4	59.0#
63	228.1	104.5	156.7#



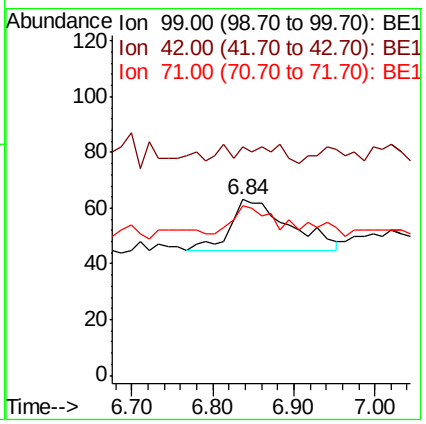


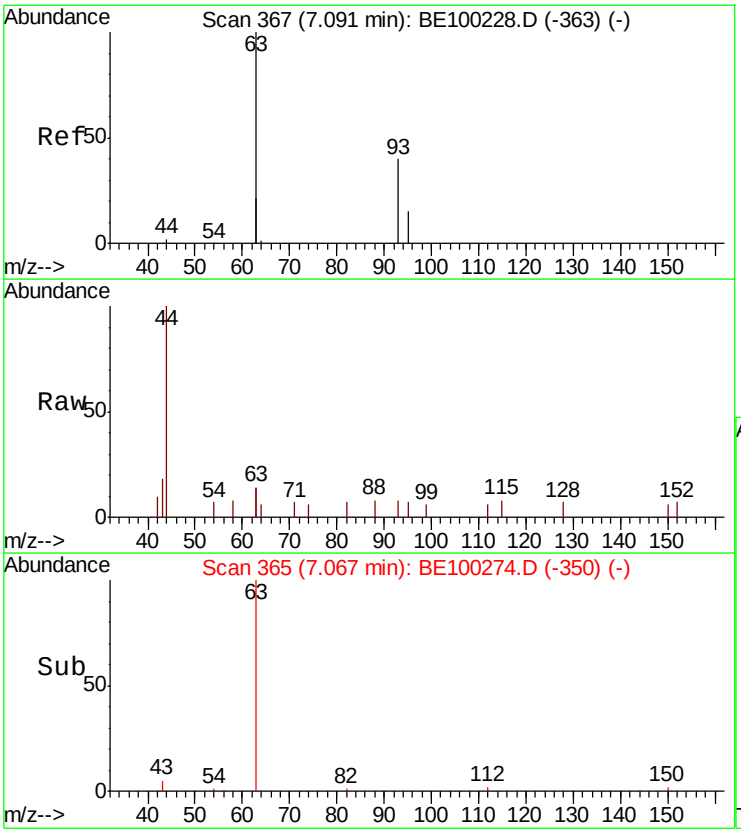
#5
Phenol-d6
Concen: 0.033 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion: 99 Resp: 91

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.2	16.8#
71	35.2	37.2	55.8#

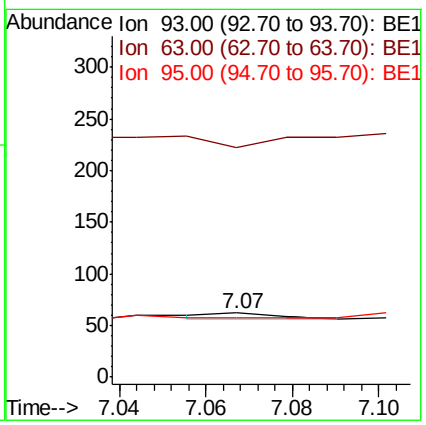


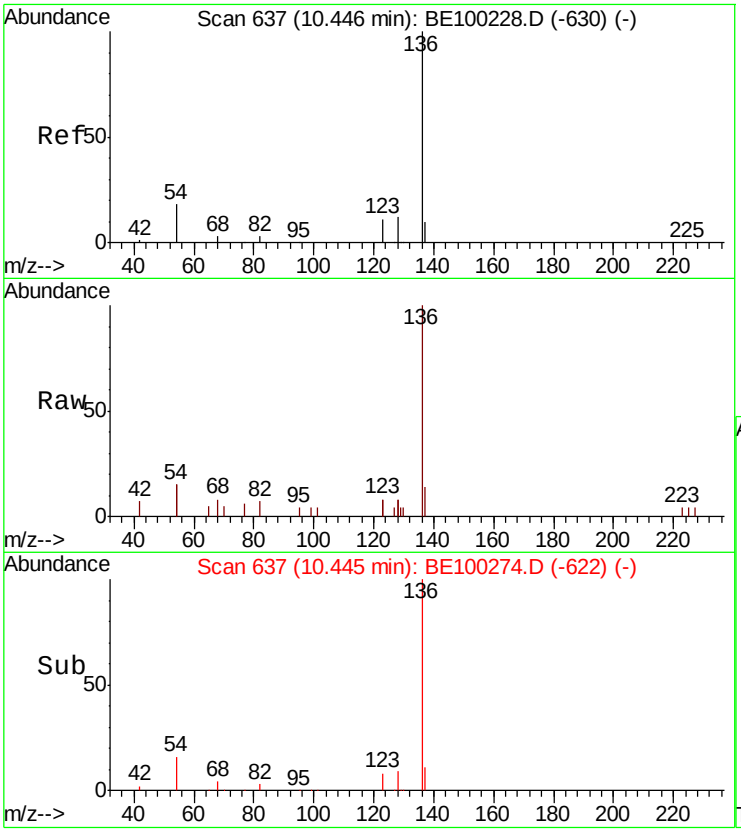


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.07 min Scan# 365
Delta R.T. -0.02 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion: 93 Resp: 6

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



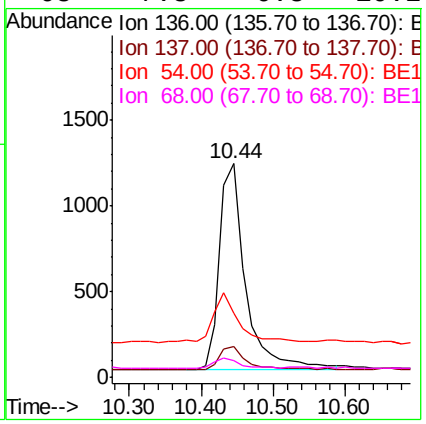


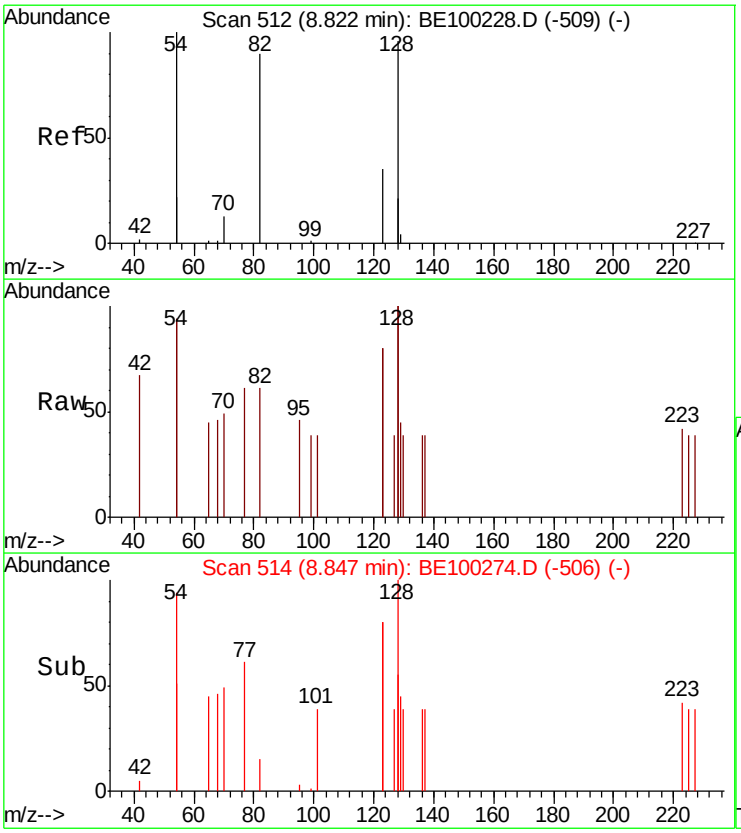
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:136 Resp: 3020

Ion	Ratio	Lower	Upper
136	100		
137	14.2	11.8	17.8
54	30.0	27.7	41.5
68	7.8	6.8	10.2

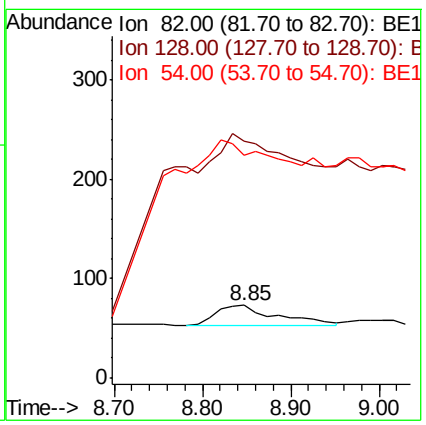


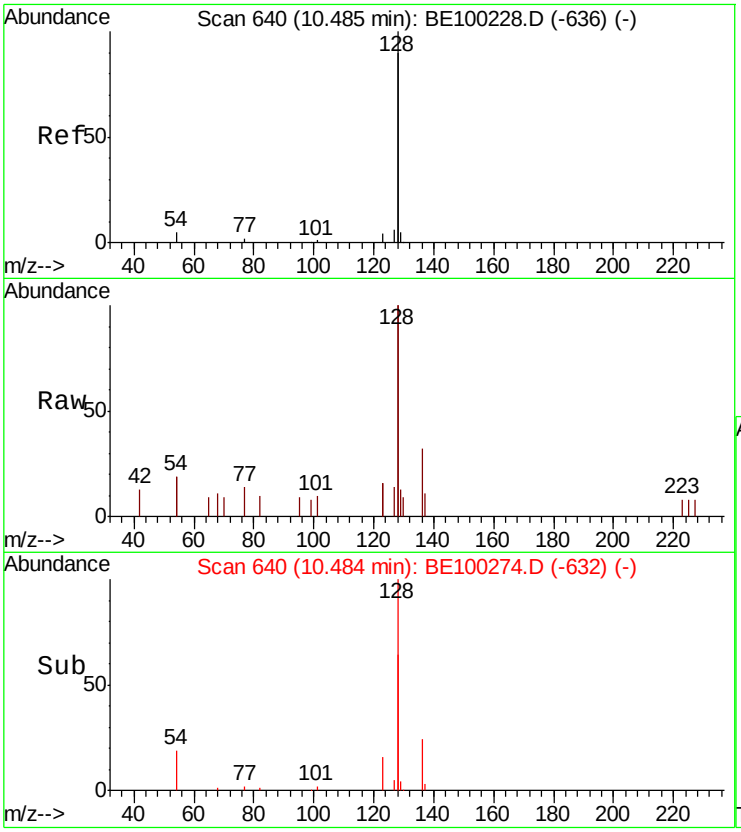


#8
Nitrobenzene-d5
Concen: 0.031 ng
RT: 8.85 min Scan# 514
Delta R.T. 0.03 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion: 82 Resp: 93

Ion	Ratio	Lower	Upper
82	100		
128	326.0	140.9	211.3#
54	306.8	146.2	219.2#



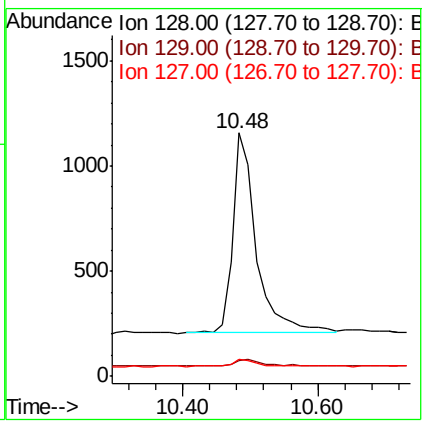


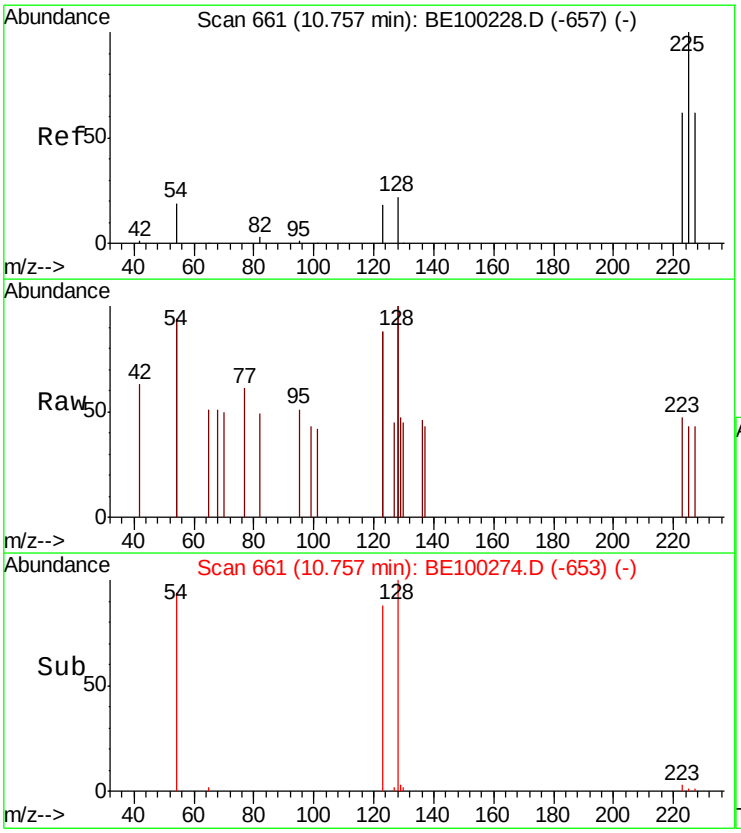
#9
Naphthalene
Concen: 0.070 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:128 Resp: 2324

Ion	Ratio	Lower	Upper
128	100		
129	6.6	3.0	4.6#
127	6.9	3.5	5.3#

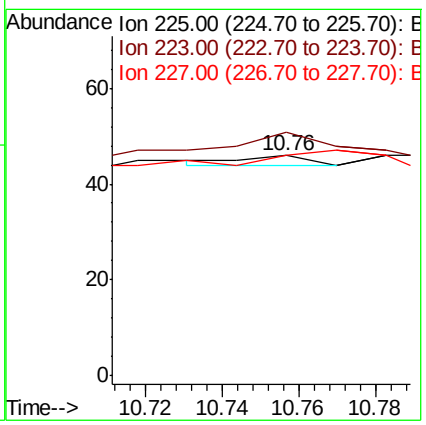


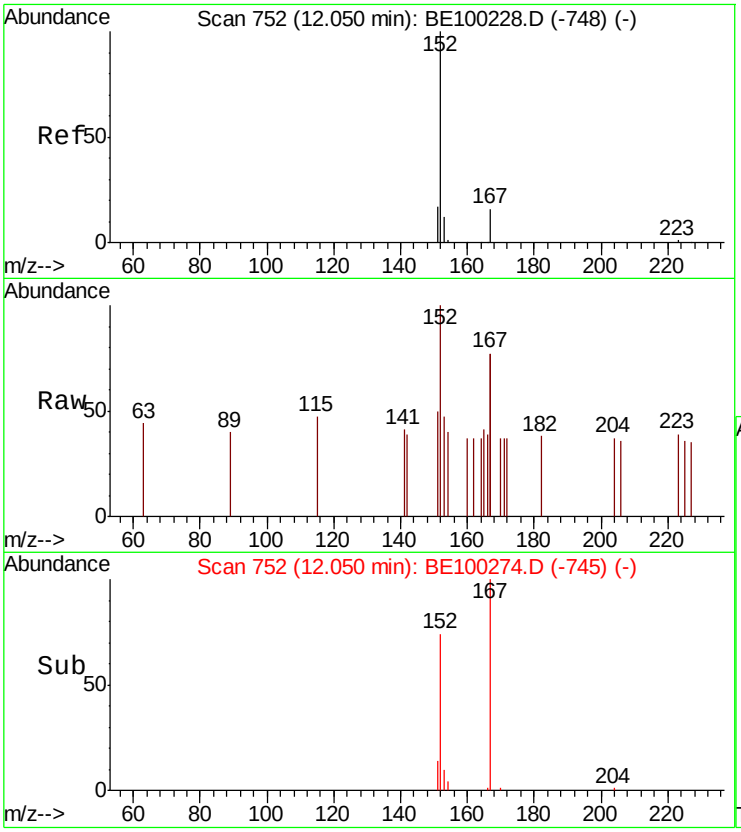


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	250.0	49.1	73.7#
227	350.0	49.3	73.9#



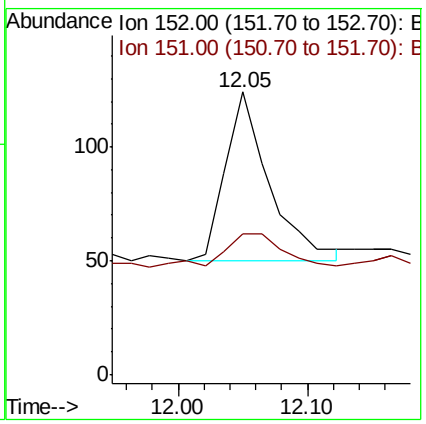


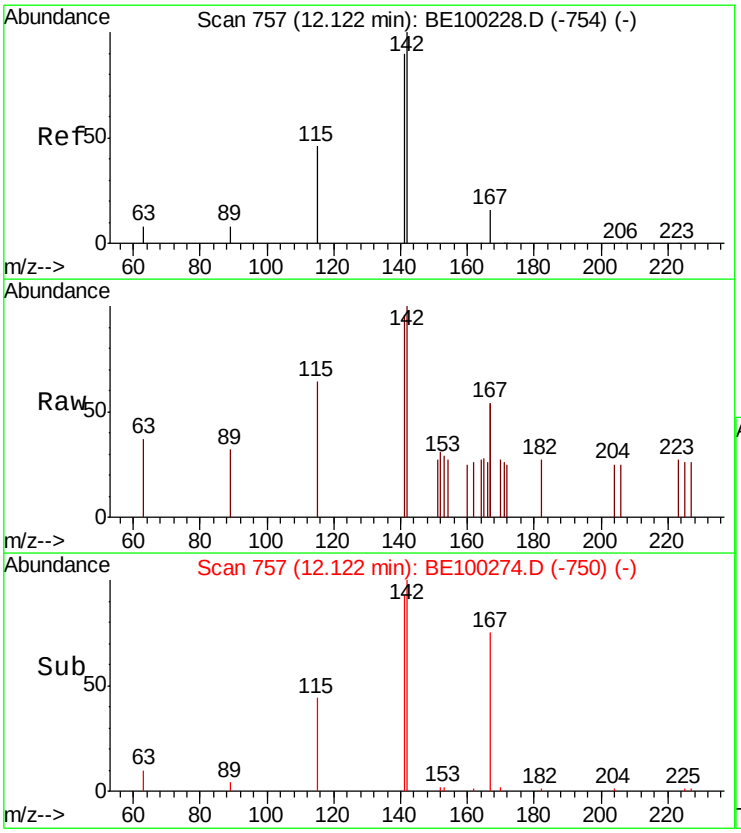
#11
2-Methylnaphthalene-d10
Concen: 0.031 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:152 Resp: 174

Ion	Ratio	Lower	Upper
152	100		
151	28.7	15.1	22.7#

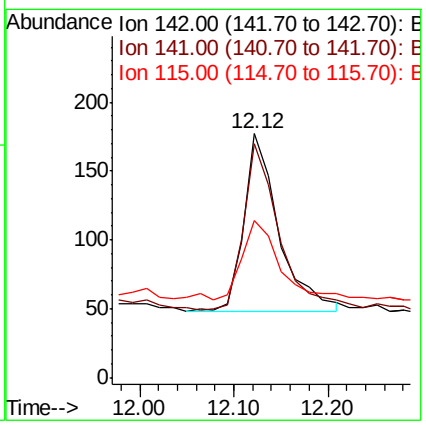


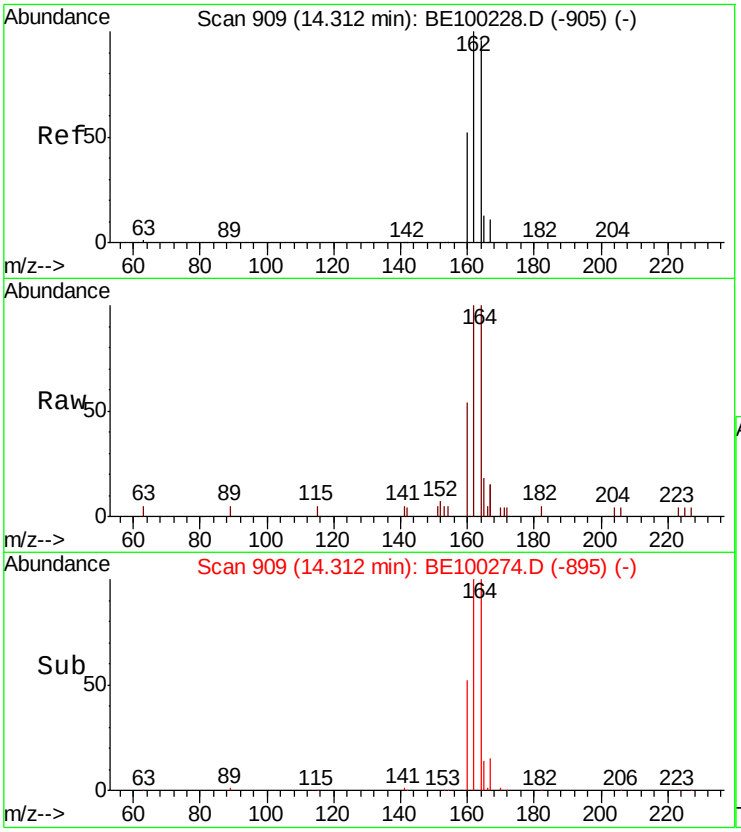


#12
2-Methylnaphthalene
Concen: 0.058 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:142 Resp: 337

Ion	Ratio	Lower	Upper
142	100		
141	96.0	72.4	108.6
115	64.4	40.4	60.6#



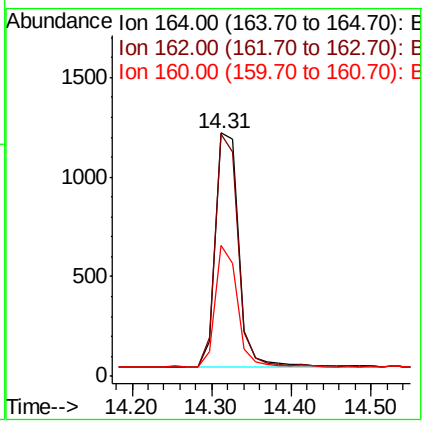


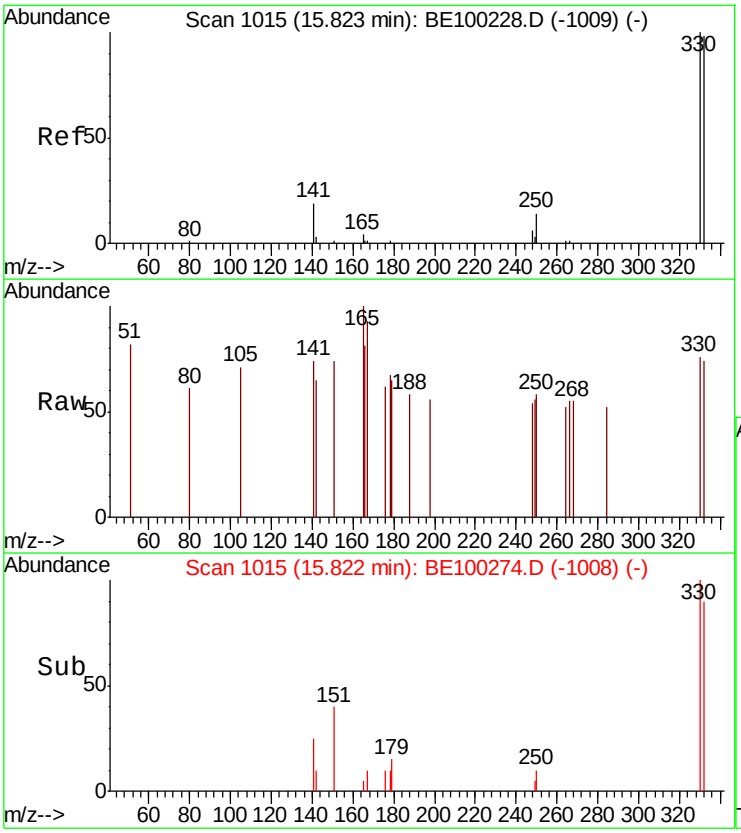
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:164 Resp: 2387

Ion	Ratio	Lower	Upper
164	100		
162	99.7	83.4	125.0
160	53.6	45.0	67.6

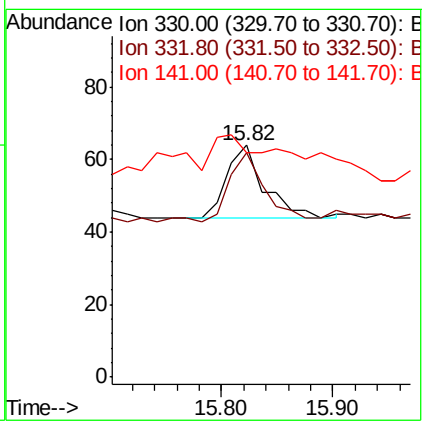


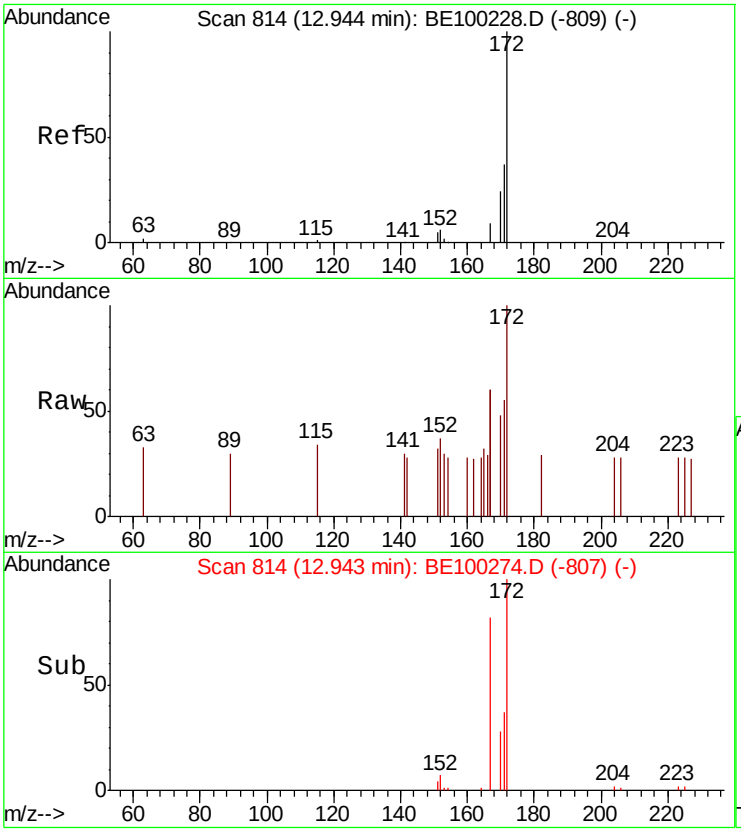


#14
2,4,6-Tribromophenol
Concen: 0.028 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:330 Resp: 47

Ion	Ratio	Lower	Upper
330	100		
332	74.5	77.0	115.4#
141	146.8	22.0	33.0#



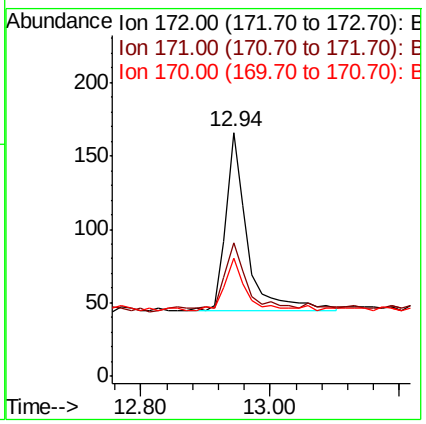


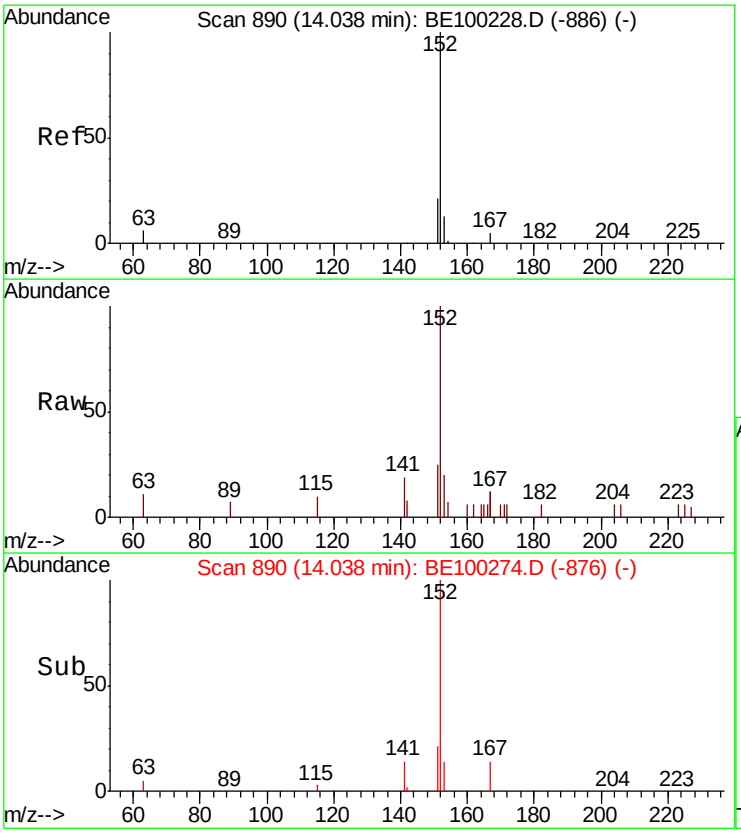
#15
2-Fluorobiphenyl
Concen: 0.029 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:172 Resp: 272

Ion	Ratio	Lower	Upper
172	100		
171	54.8	31.9	47.9#
170	48.2	22.2	33.2#

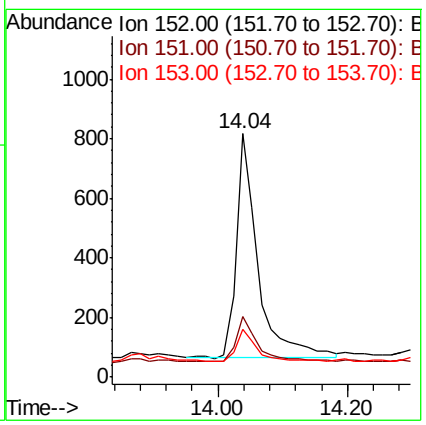


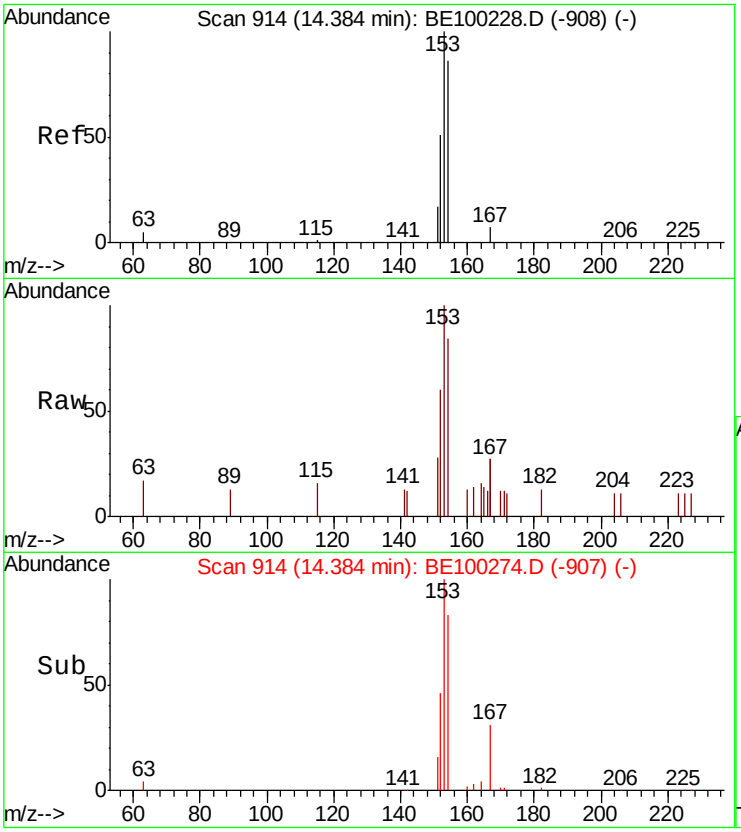


#16
Acenaphthylene
Concen: 0.150 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:152 Resp: 1721

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	25.0
153	12.8	10.5	15.7



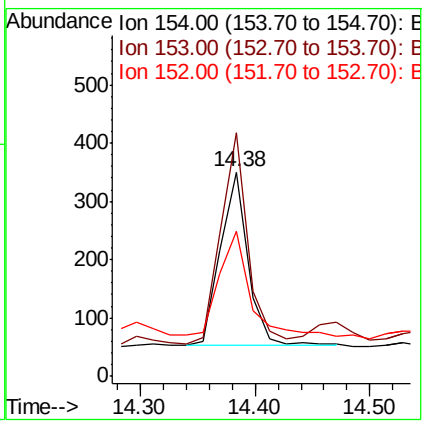


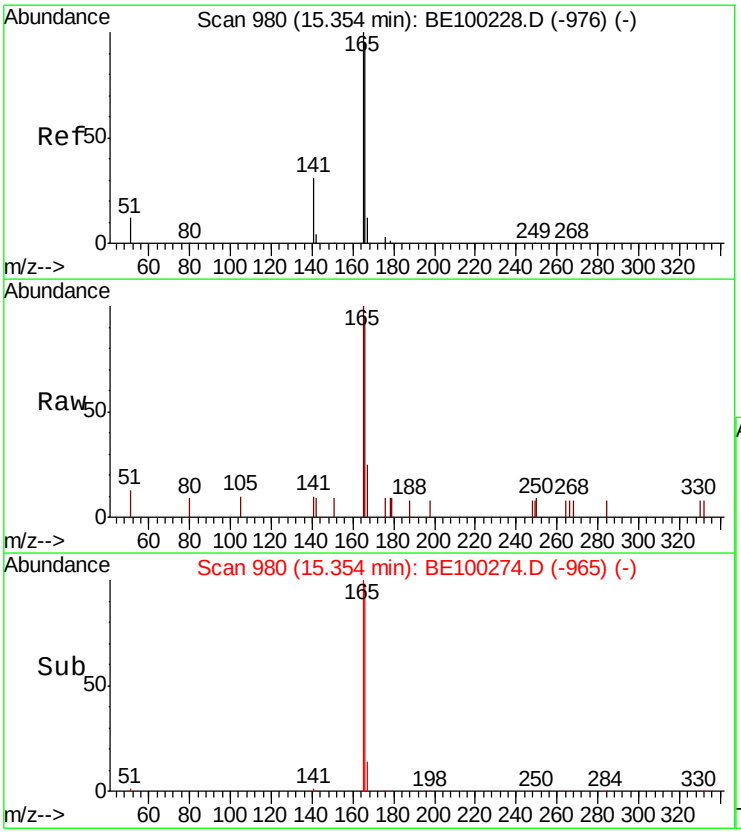
#17
Acenaphthene
Concen: 0.077 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:154 Resp: 501

Ion	Ratio	Lower	Upper
154	100		
153	117.6	93.4	140.2
152	66.3	49.4	74.2

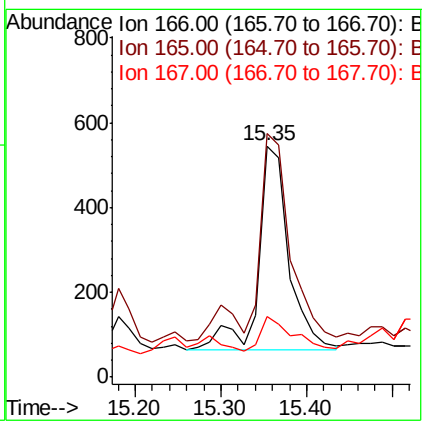


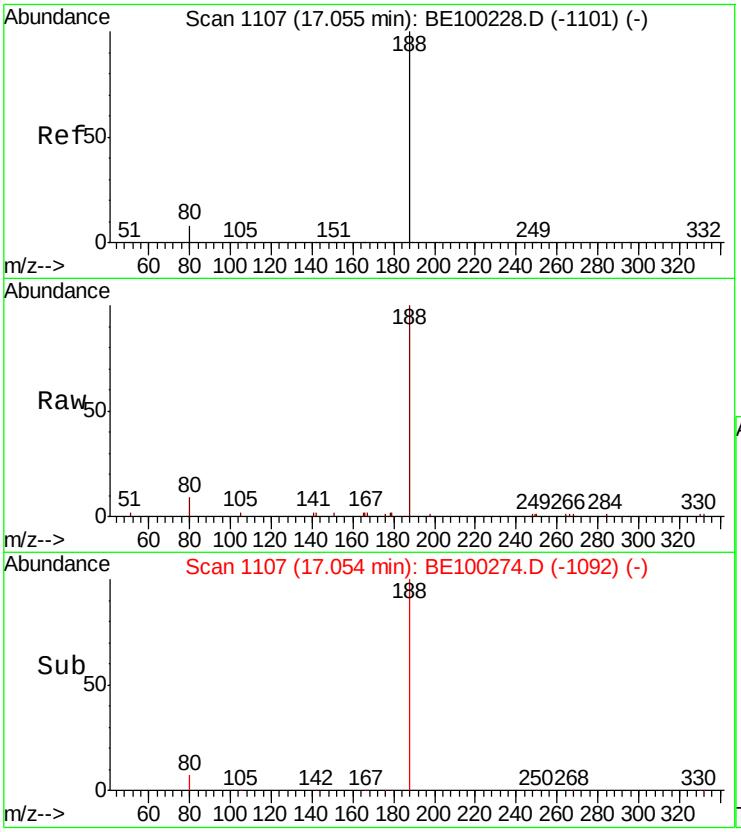


#18
Fluorene
Concen: 0.123 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:166 Resp: 1176

Ion	Ratio	Lower	Upper
166	100		
165	95.0	81.1	121.7
167	18.8	10.7	16.1#



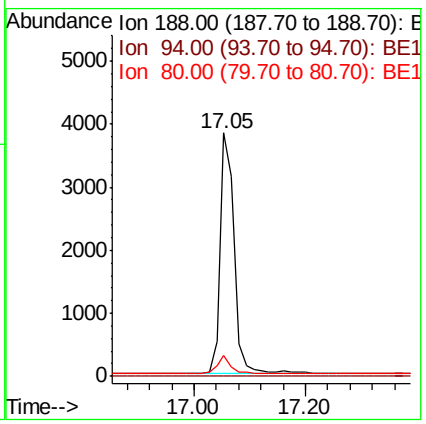


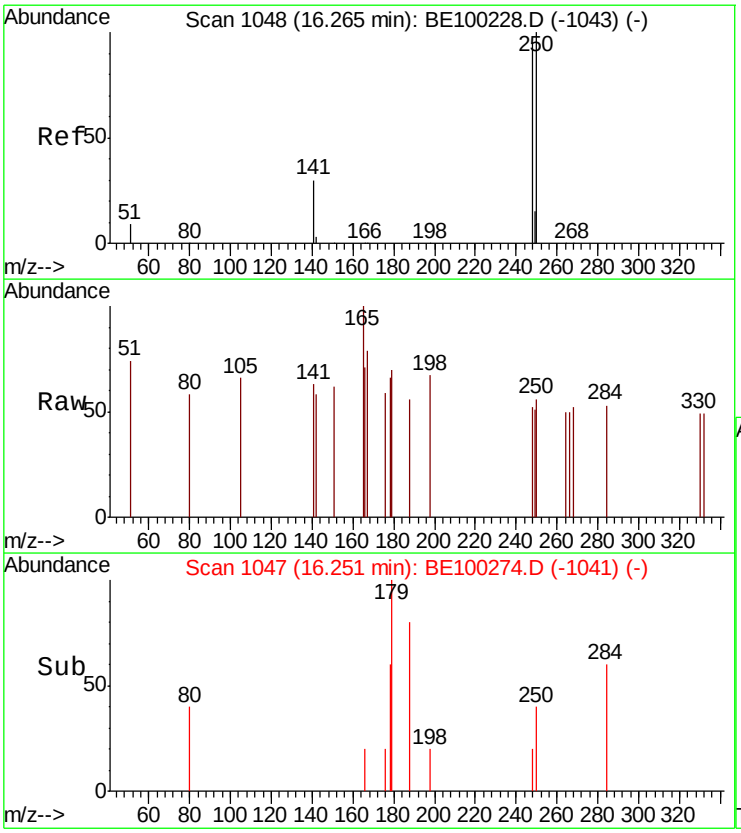
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:188 Resp: 6699

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.6	11.4

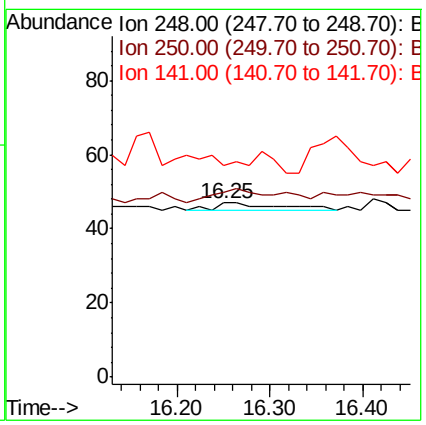


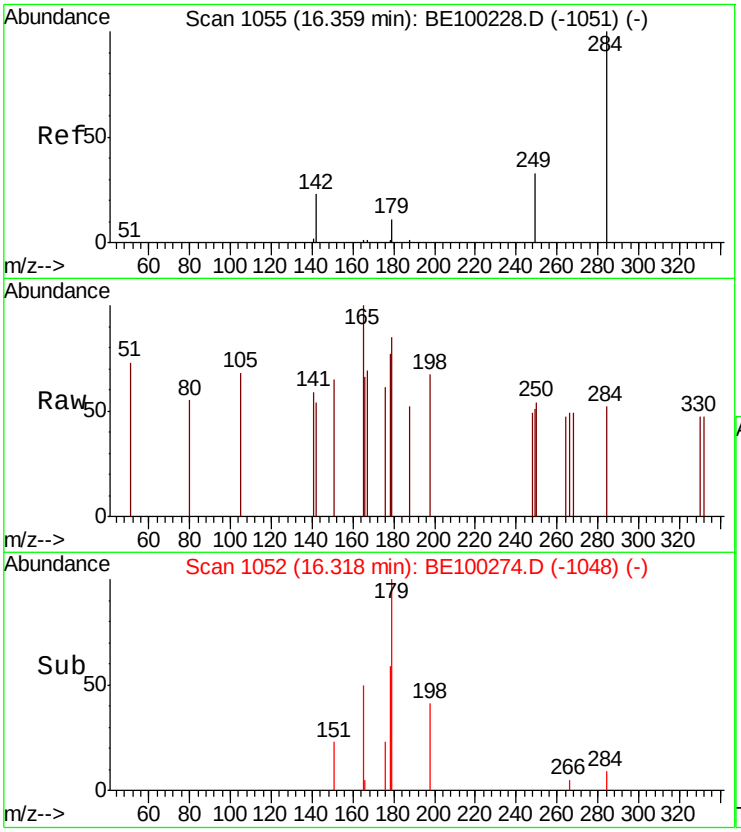


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:248 Resp: 10

Ion	Ratio	Lower	Upper
248	100		
250	106.4	84.2	126.4
141	121.3	29.3	43.9#



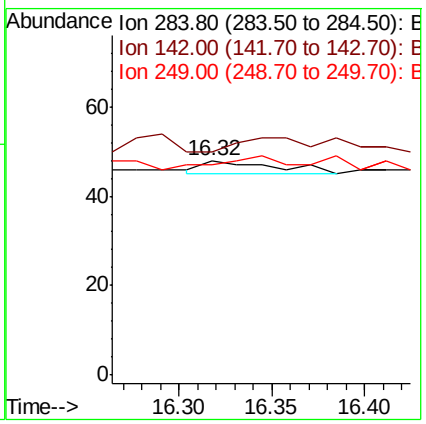


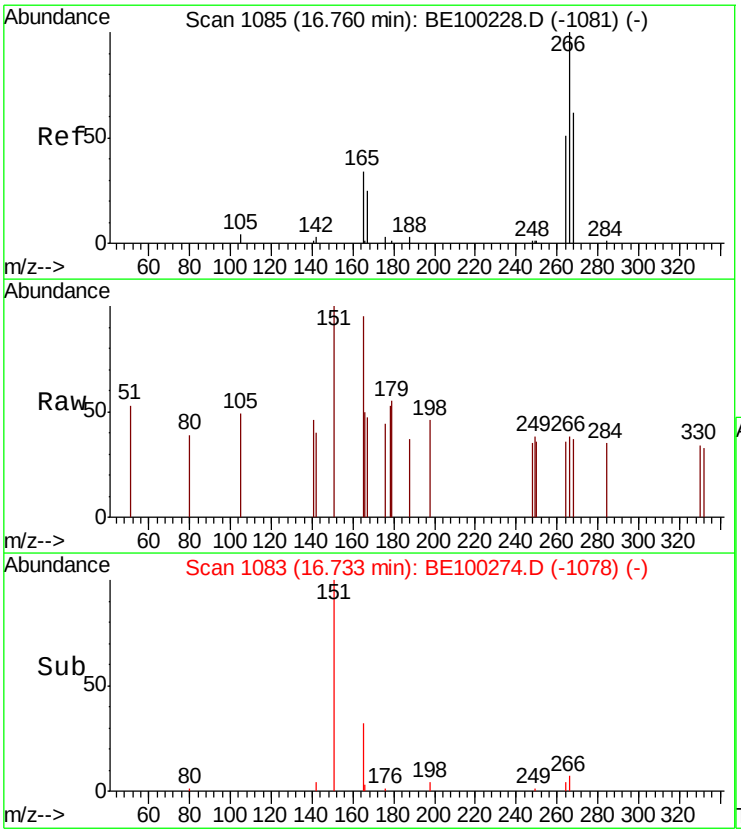
#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.04 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:284 Resp: 8

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

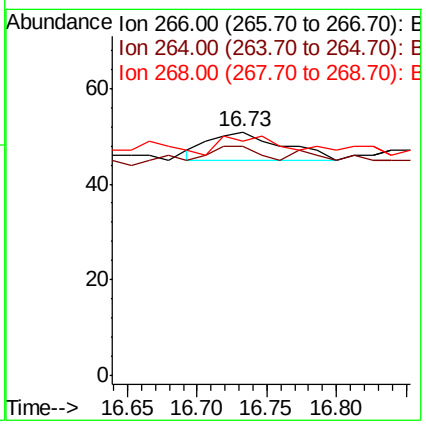


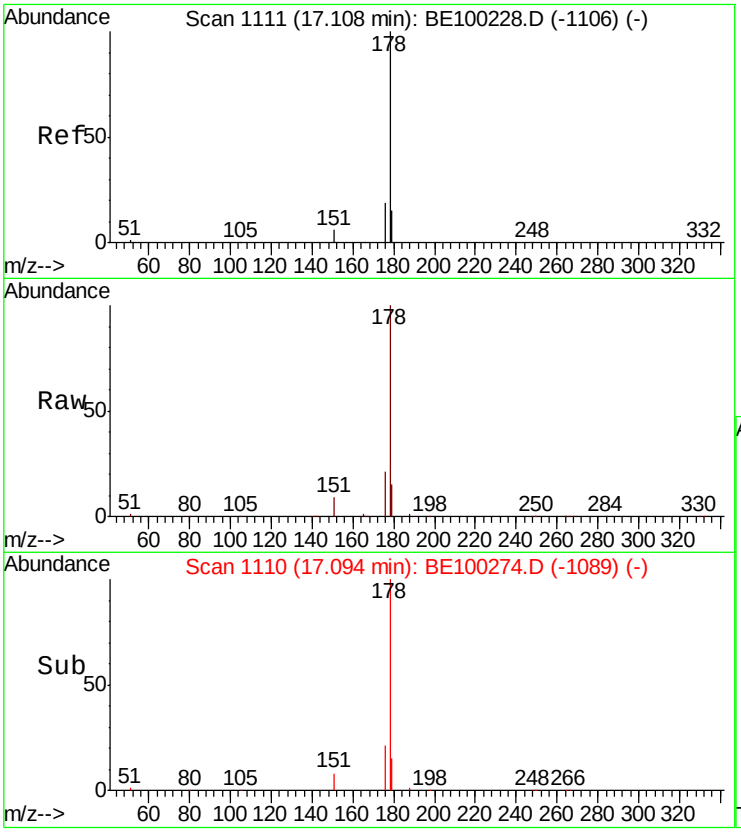


#22
Pentachlorophenol
Concen: 0.016 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	94.1	56.2	84.2#
268	96.1	61.8	92.6#



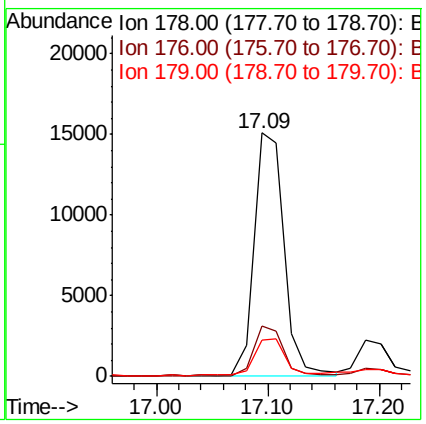


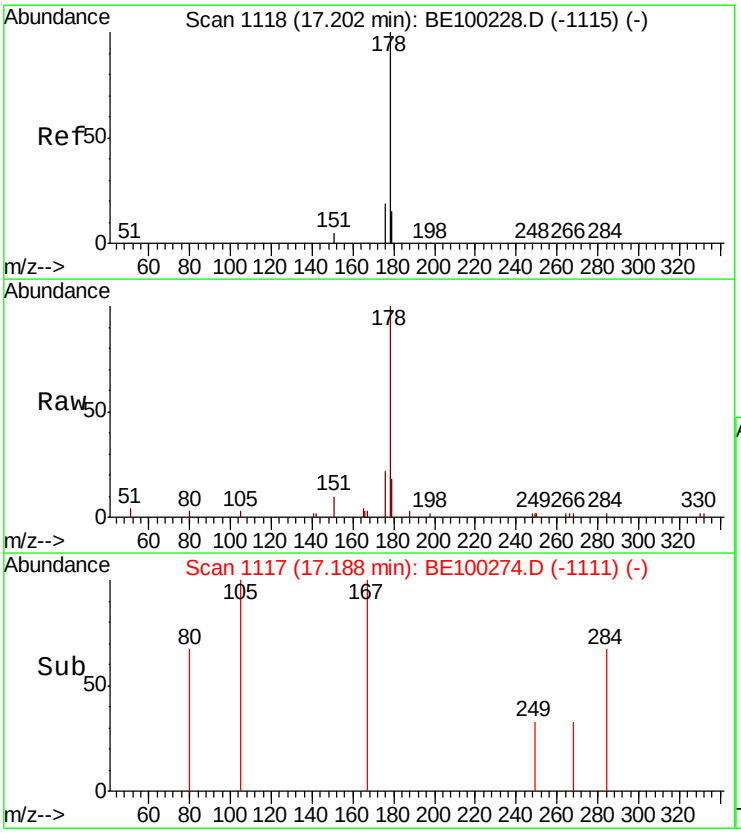
#23
Phenanthrene
Concen: 1.732 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:178 Resp: 28126

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.5	12.2	18.2

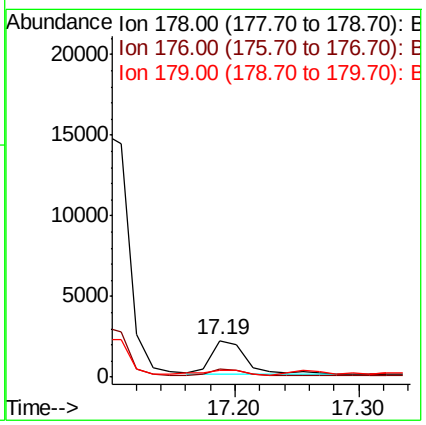


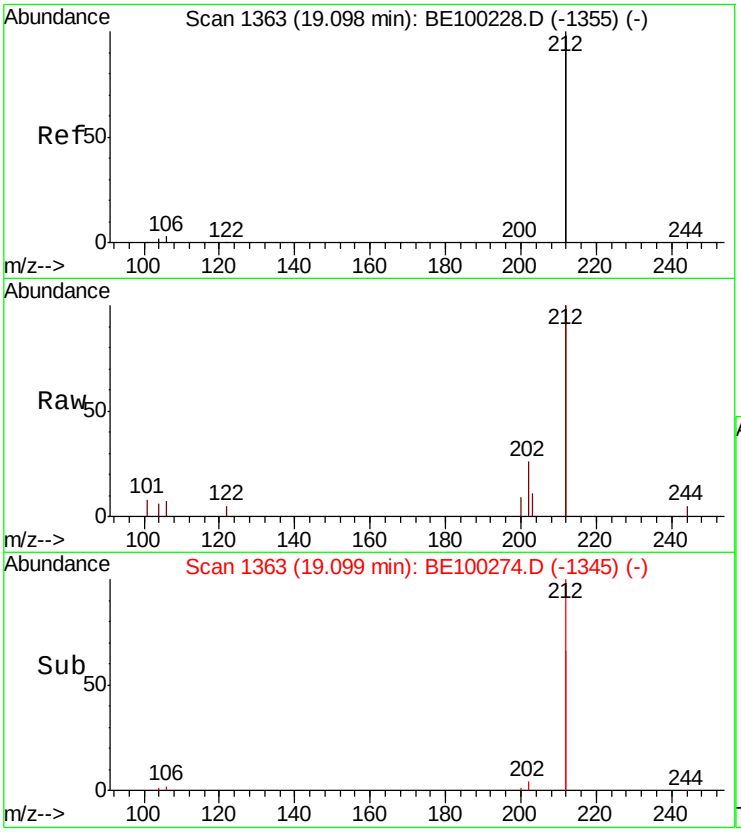


#24
Anthracene
Concen: 0.280 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:178 Resp: 4101

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	14.8	12.2	18.2



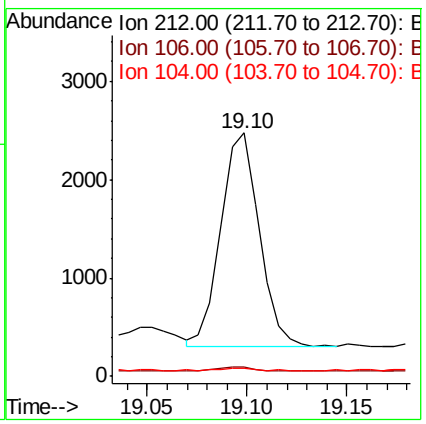


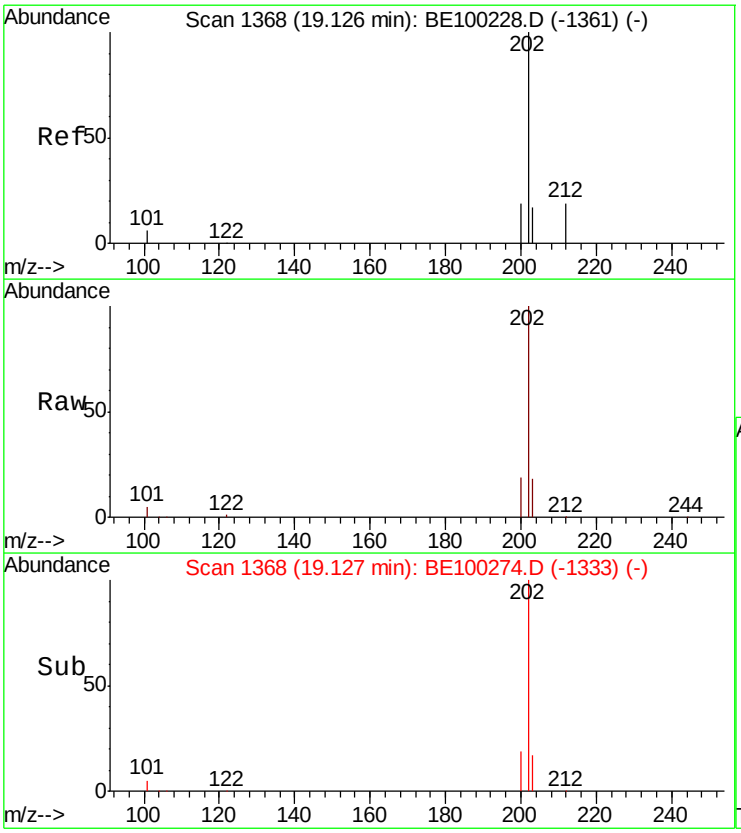
#25
Fluoranthene-d10
Concen: 0.030 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:212 Resp: 2913

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.2	0.8	1.2#

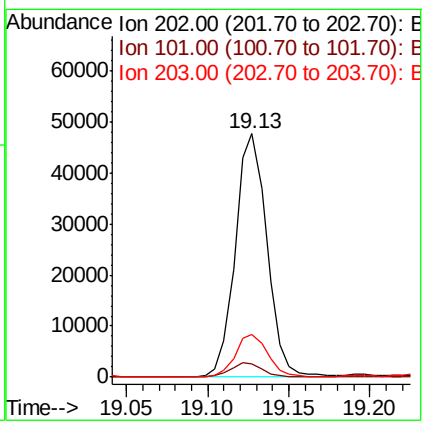


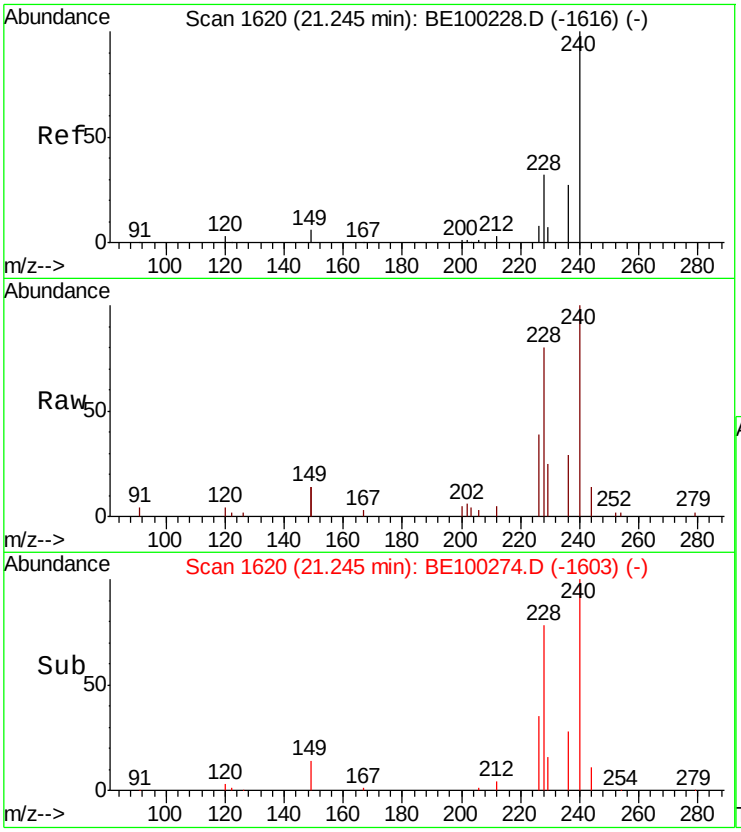


#26
Fluoranthene
Concen: 2.478 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:202 Resp: 64078

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.6	7.0
203	17.6	13.7	20.5



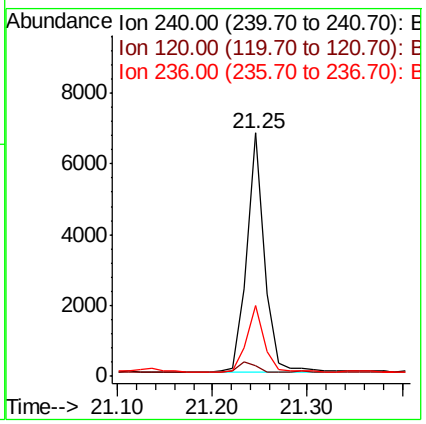


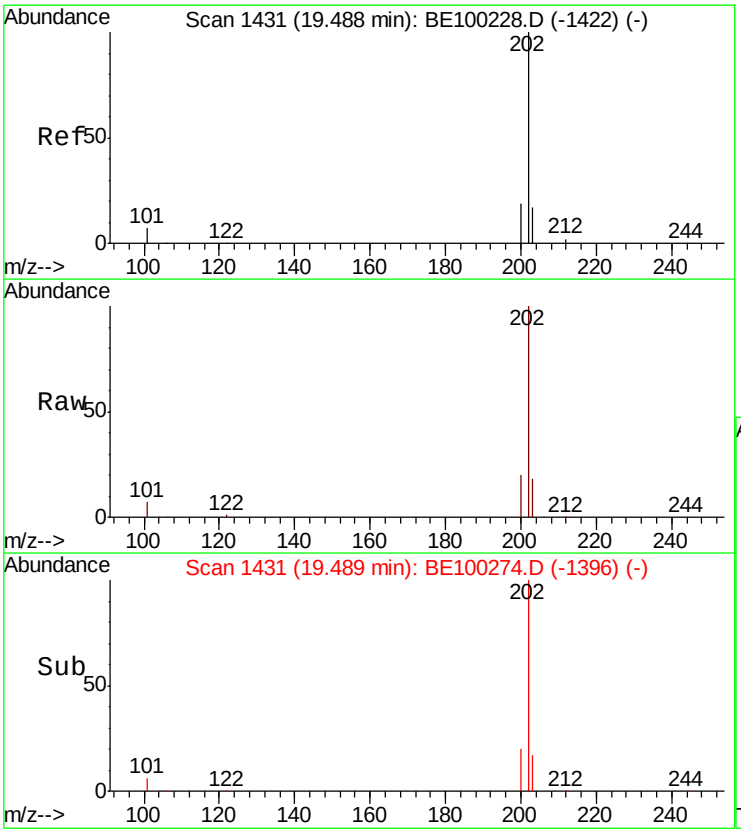
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:240 Resp: 8671

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.3	4.9
236	29.0	22.6	34.0

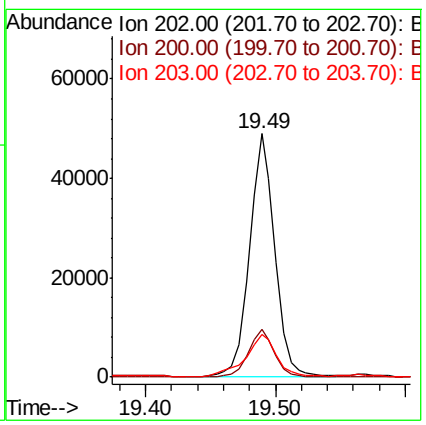


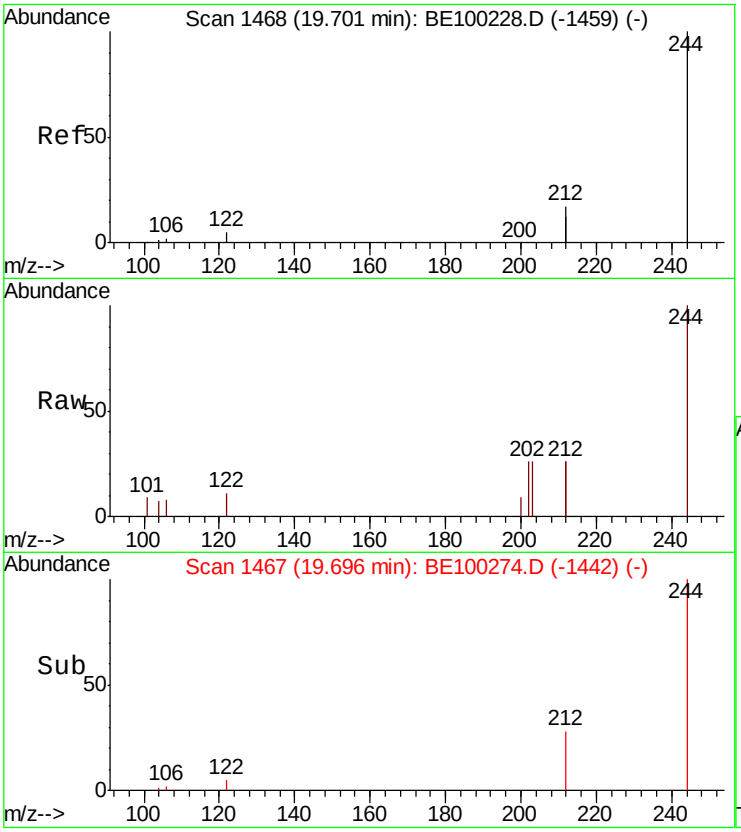


#28
Pyrene
Concen: 2.872 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:202 Resp: 65922

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	20.9	14.0	21.0



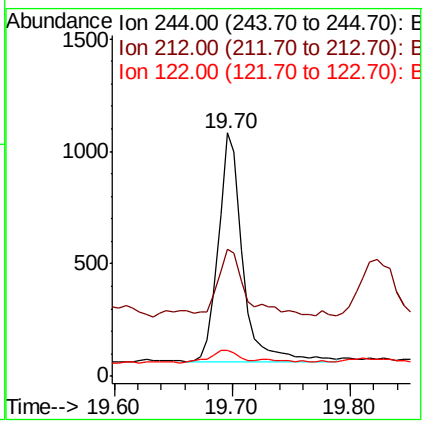


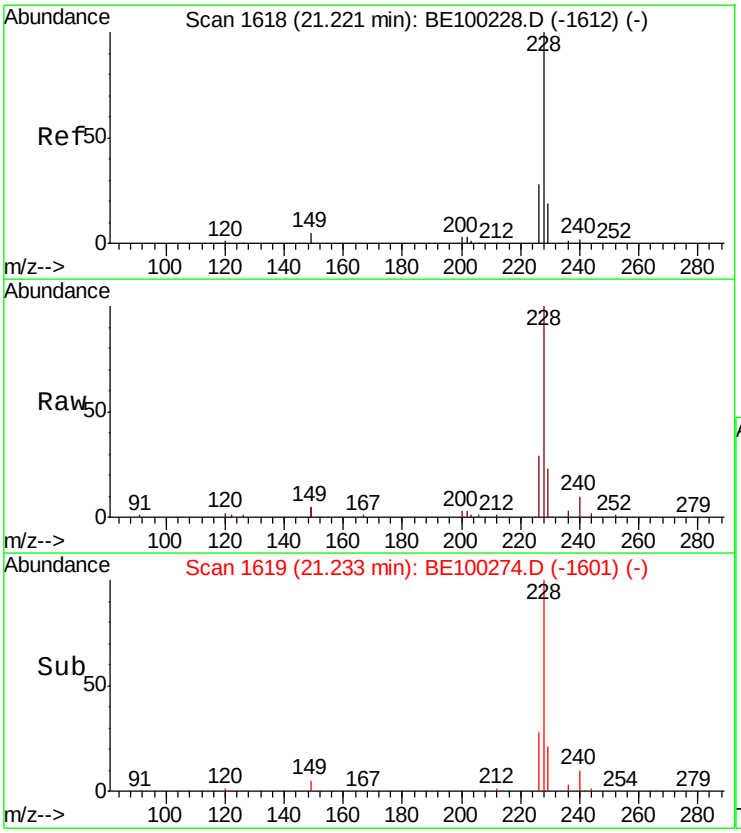
#29
Terphenyl-d14
Concen: 0.080 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:244 Resp: 1445

Ion	Ratio	Lower	Upper
244	100		
212	52.5	27.3	40.9#
122	10.8	4.7	7.1#

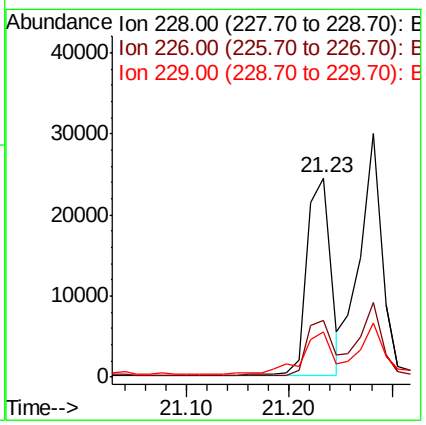


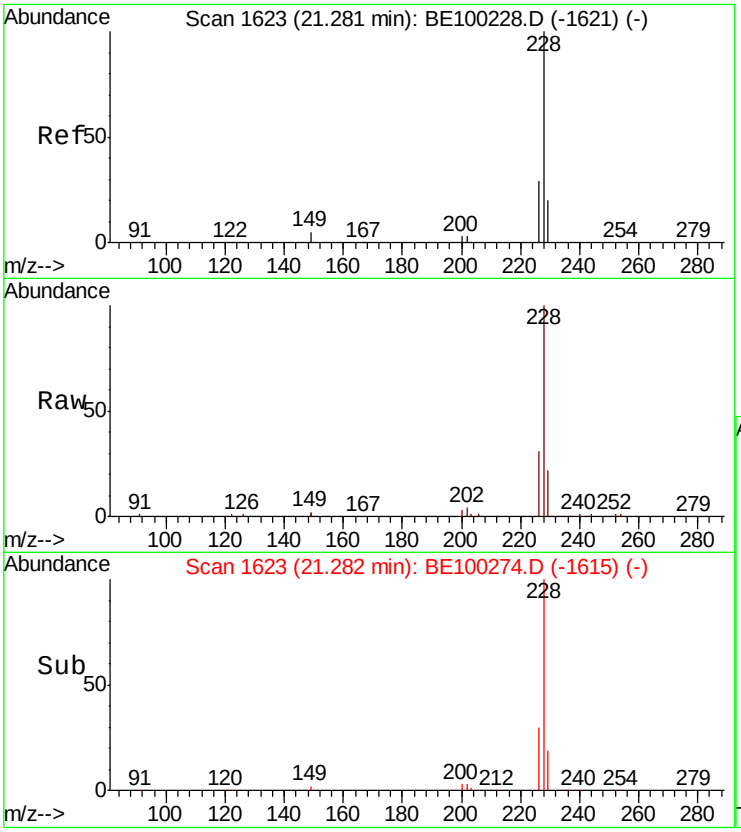


#30
Benzo(a)anthracene
Concen: 1.370 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:228 Resp: 39048

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.2	34.8
229	22.6	15.7	23.5



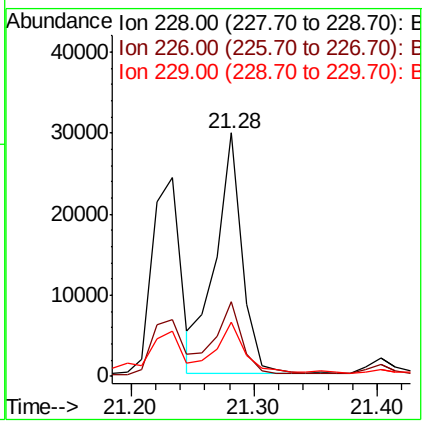


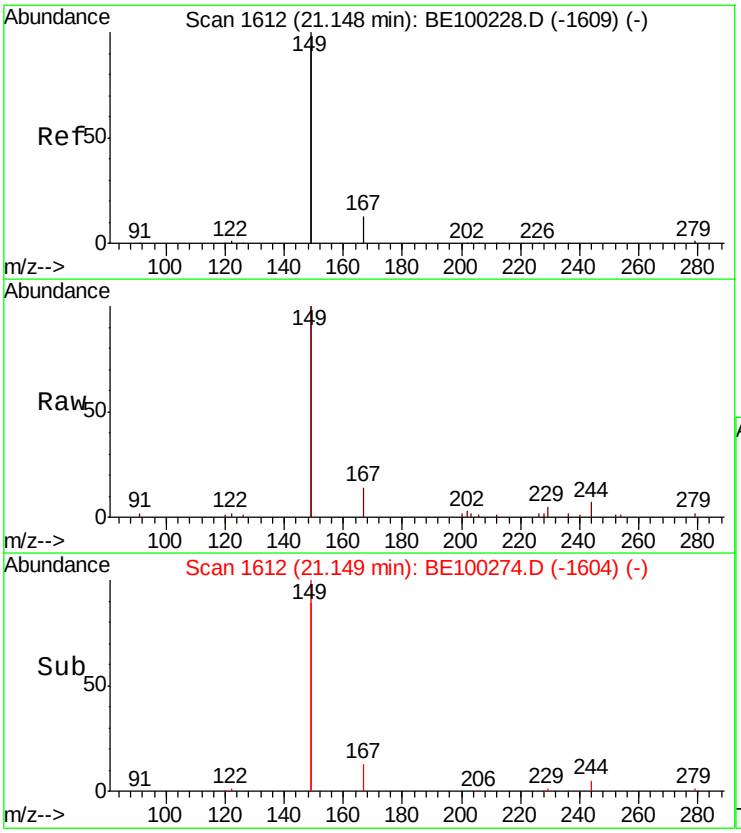
#31
Chrysene
Concen: 1.550 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:228 Resp: 44370

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.9	35.9
229	22.2	16.5	24.7

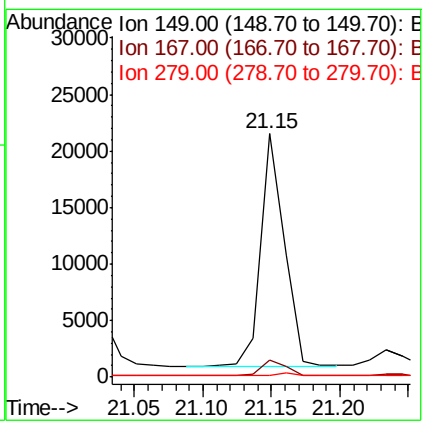


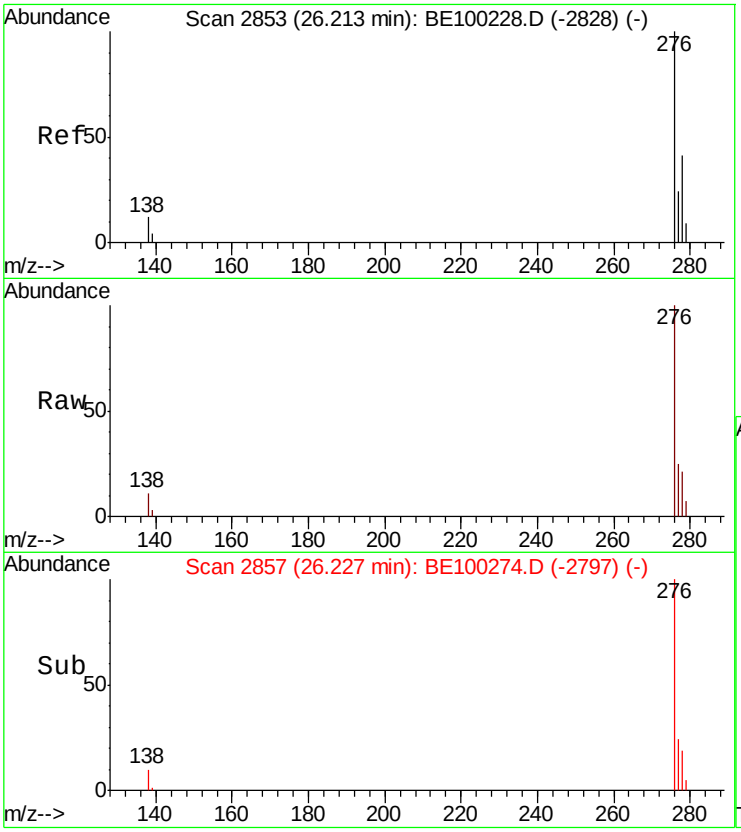


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.558 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:149 Resp: 24808

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.4	1.1	1.7



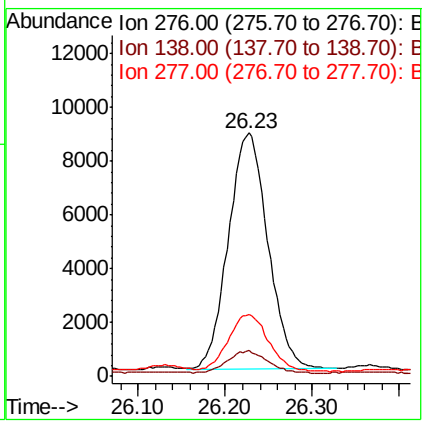


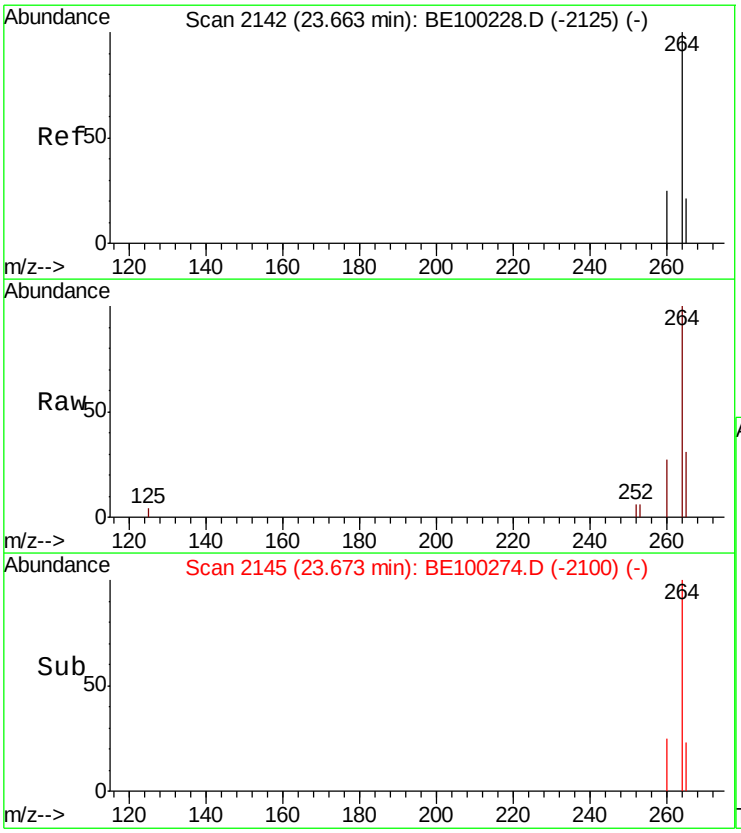
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.732 ng
RT: 26.23 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:276 Resp: 27705

Ion	Ratio	Lower	Upper
276	100		
138	9.5	9.4	14.0
277	24.7	19.2	28.8

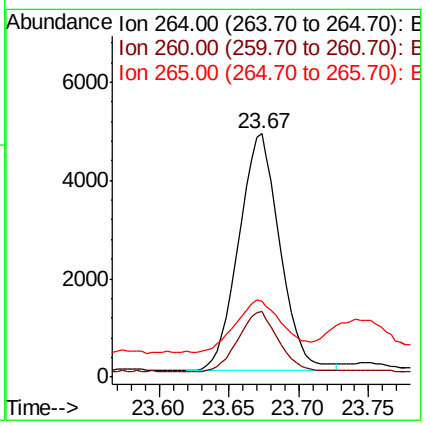


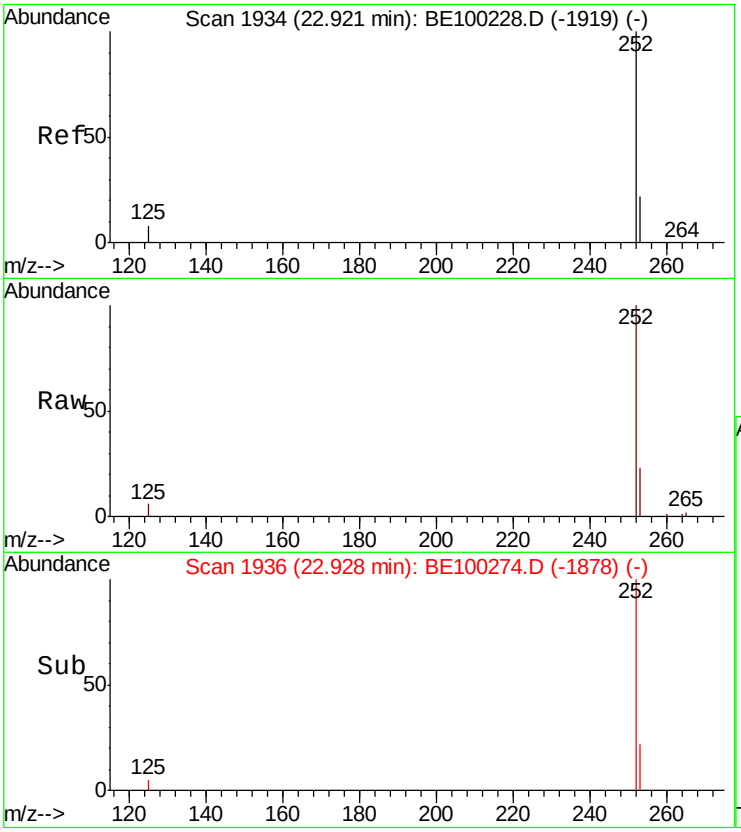


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:264 Resp: 9914

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.8	31.2
265	31.0	21.8	32.6



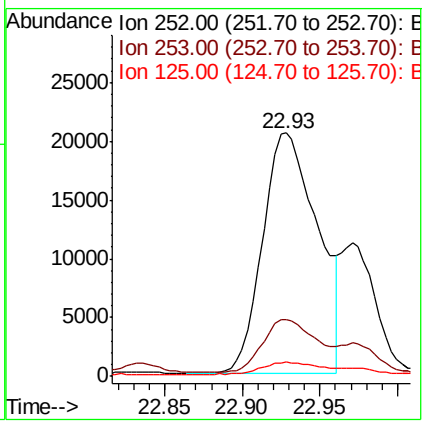


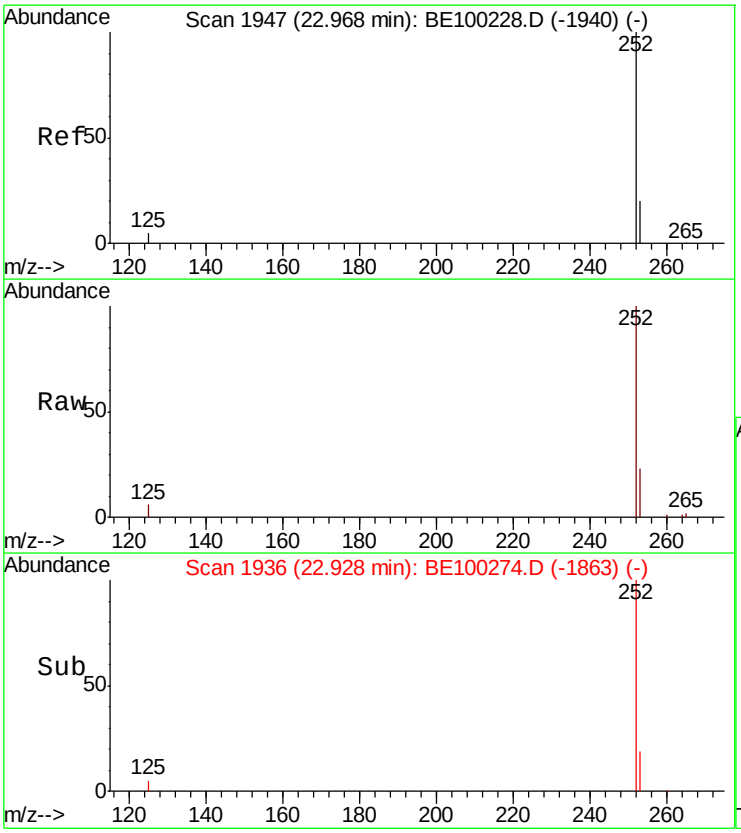
#35
Benzo(b)fluoranthene
Concen: 1.877 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:252 Resp: 50448

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	5.9	7.4	11.0#

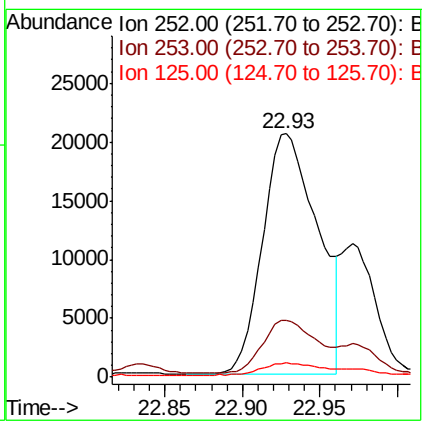


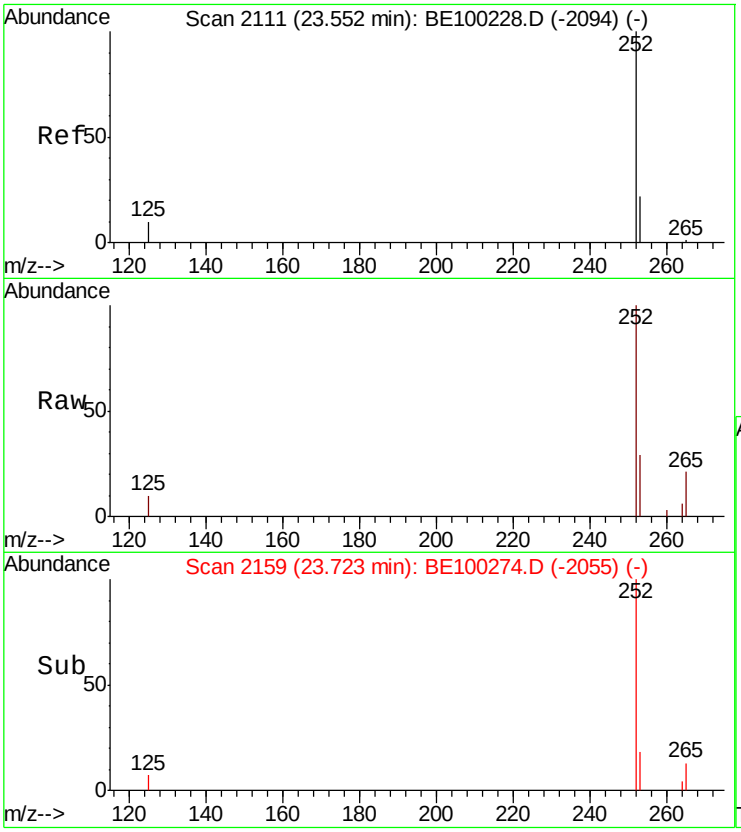


#36
Benzo(k)fluoranthene
Concen: 1.681 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:252 Resp: 50448

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	5.9	5.0	7.4



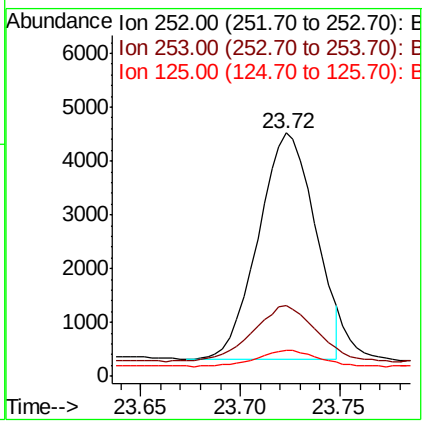


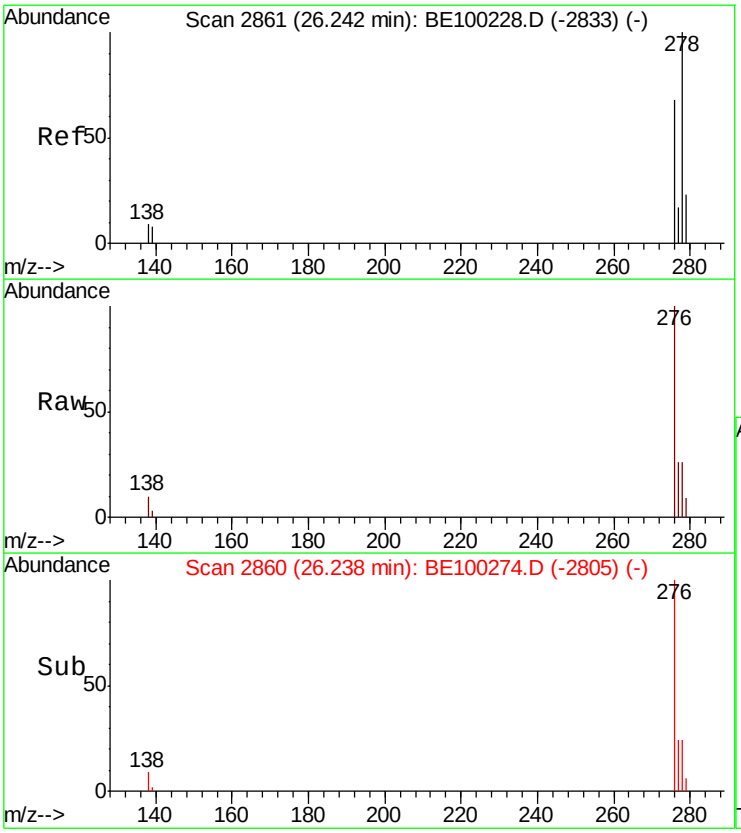
#37
Benzo(a)pyrene
Concen: 0.308 ng
RT: 23.72 min Scan# 2159
Delta R.T. 0.17 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:252 Resp: 8298

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.6	29.4
125	10.5	9.0	13.6

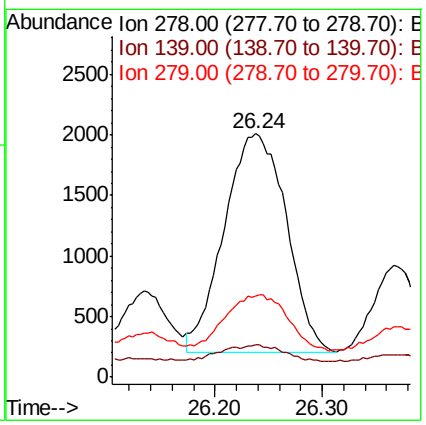


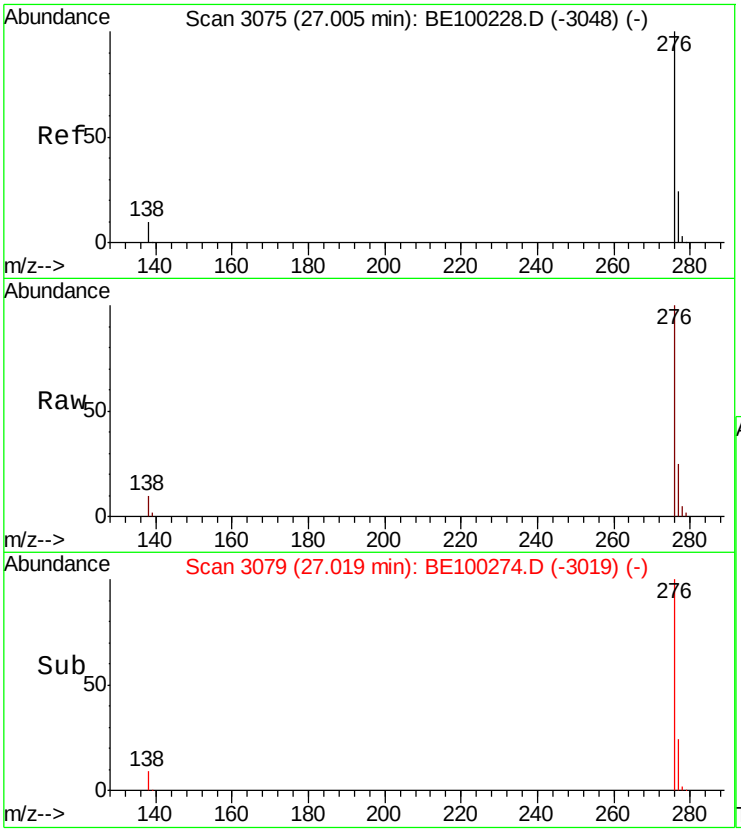


#38
Dibenzo(a,h)anthracene
Concen: 0.257 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Tgt Ion:278 Resp: 7227

Ion	Ratio	Lower	Upper
278	100		
139	13.1	8.2	12.2#
279	33.5	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.008 ng
RT: 27.02 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BE100274.D
Acq: 1 Jul 2019 20:19

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW164-061319DL

Tgt Ion:276 Resp: 29126

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.2	30.2
138	10.3	9.0	13.6