Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100378.D
Acq On : 5 Jul 2019 13:09
Operator : JU/SJ
Sample : K3560-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-009-SW133-062419

Quant Time: Jul 06 00:11:17 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	7.62	152	630	0.40	ng		-0.02
7) Naphthalene-d8	10.42	136	1964	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	1670	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	5236	0.40	ng		-0.01
27) Chrysene-d12	21.23	240	8783	0.40	ng		-0.01
34) Perylene-d12	23.65	264	8816	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	625	0.39	ng		-0.01
5) Phenol-d6	6.81	99	767	0.36	ng		-0.02
8) Nitrobenzene-d5	8.80	82	550	0.28	ng		-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1370	0.37	ng		-0.03
14) 2,4,6-Tribromophenol	15.79	330	588	0.50	ng		-0.03
15) 2-Fluorobiphenyl	12.92	172	2069	0.32	ng		-0.03
25) Fluoranthene-d10	19.08	212	22633	0.30	ng		-0.02
29) Terphenyl-d14	19.68	244	4633	0.25	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.47	128	2133	0.098	ng	#	92
12) 2-Methylnaphthalene	12.09	142	462	0.122	ng	#	87
16) Acenaphthylene	14.03	152	3160	0.394	ng		97
17) Acenaphthene	14.36	154	407	0.090	ng		92
18) Fluorene	15.34	166	1450	0.216	ng	#	85
22) Pentachlorophenol	16.72	266	22	0.021	ng	#	74
23) Phenanthrene	17.08	178	39905	3.144	ng		99
24) Anthracene	17.17	178	1916	0.168	ng		98
26) Fluoranthene	19.11	202	53971	2.670	ng		98
28) Pyrene	19.47	202	87684	3.771	ng		97
30) Benzo(a)anthracene	21.27	228	54968	1.903	ng		95
31) Chrysene	21.27	228	54468	1.878	ng		97
32) Bis(2-ethylhexyl)phthalate	21.14	149	11135	0.215	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.20	276	19657	0.513	ng	#	97
35) Benzo(b)fluoranthene	22.91	252	37970	1.589	ng	#	97
36) Benzo(k)fluoranthene	22.91	252	37970	1.423	ng		96
37) Benzo(a)pyrene	23.54	252	31260	1.305	ng	#	96
38) Dibenzo(a,h)anthracene	26.21	278	5479	0.219	ng	#	73
39) Benzo(g,h,i)perylene	26.99	276	24238	0.943	ng		99

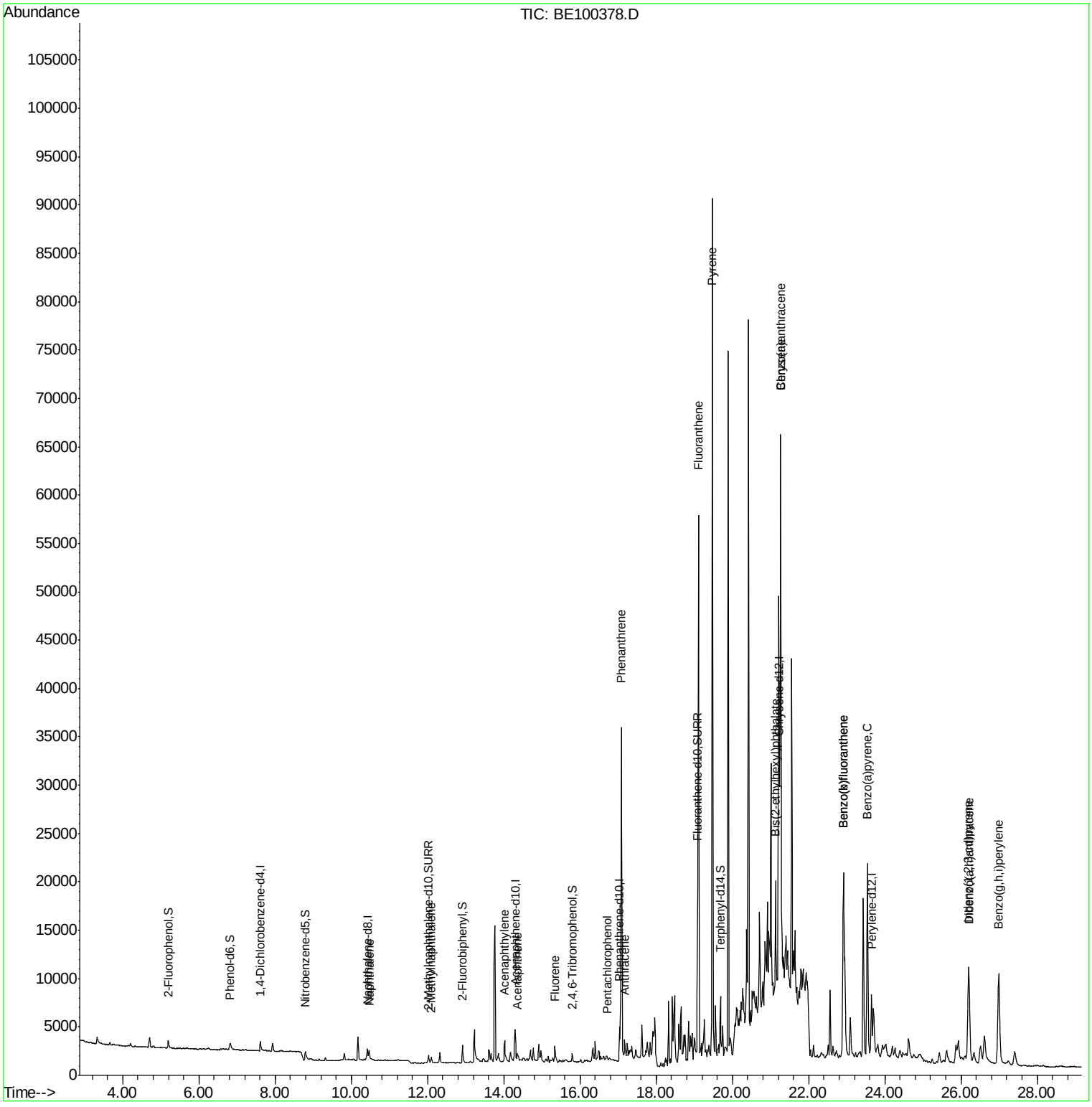
(#) = qualifier out of range (m) = manual integration (+) = signals summed

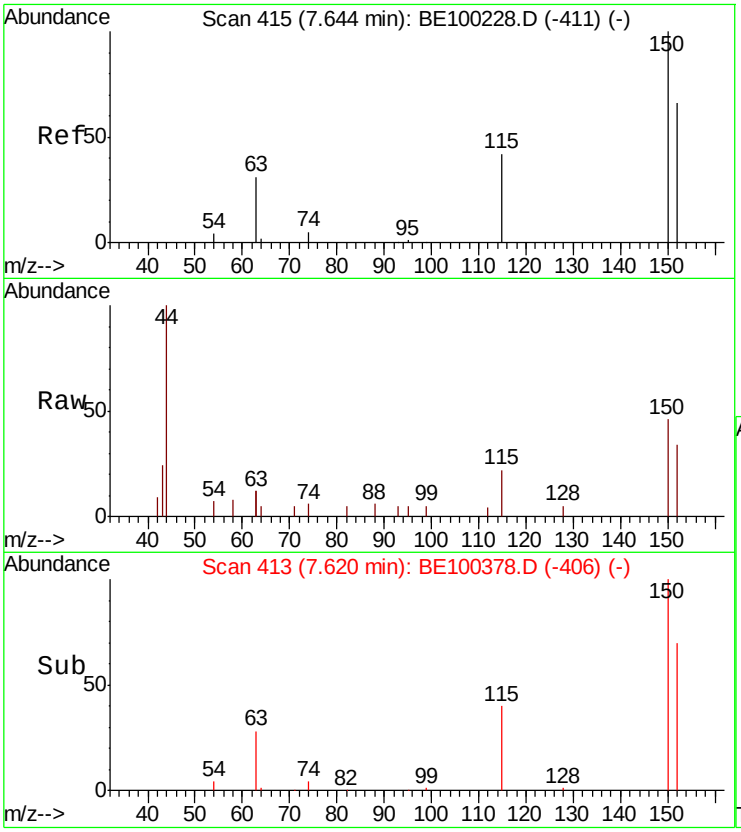
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100378.D
Acq On : 5 Jul 2019 13:09
Operator : JU/SJ
Sample : K3560-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Quant Time: Jul 06 00:11:17 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



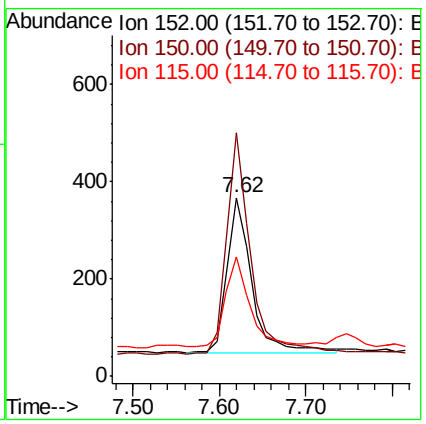


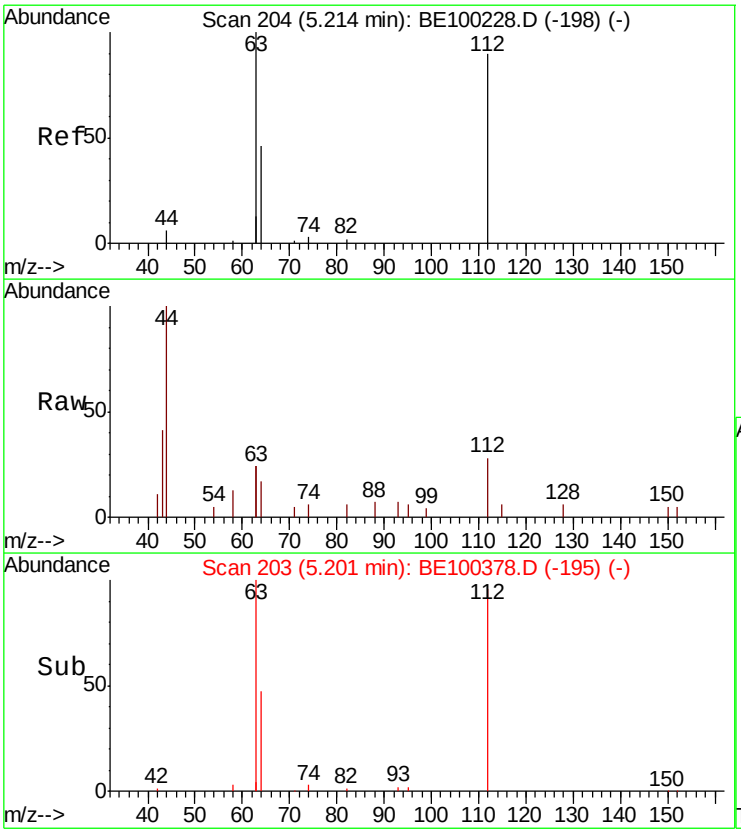
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:152 Resp: 630

Ion	Ratio	Lower	Upper
152	100		
150	136.1	114.5	171.7
115	66.6	57.1	85.7

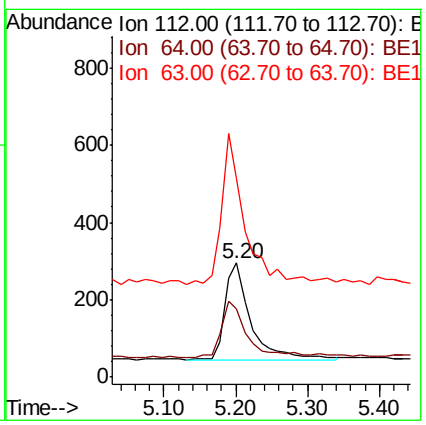


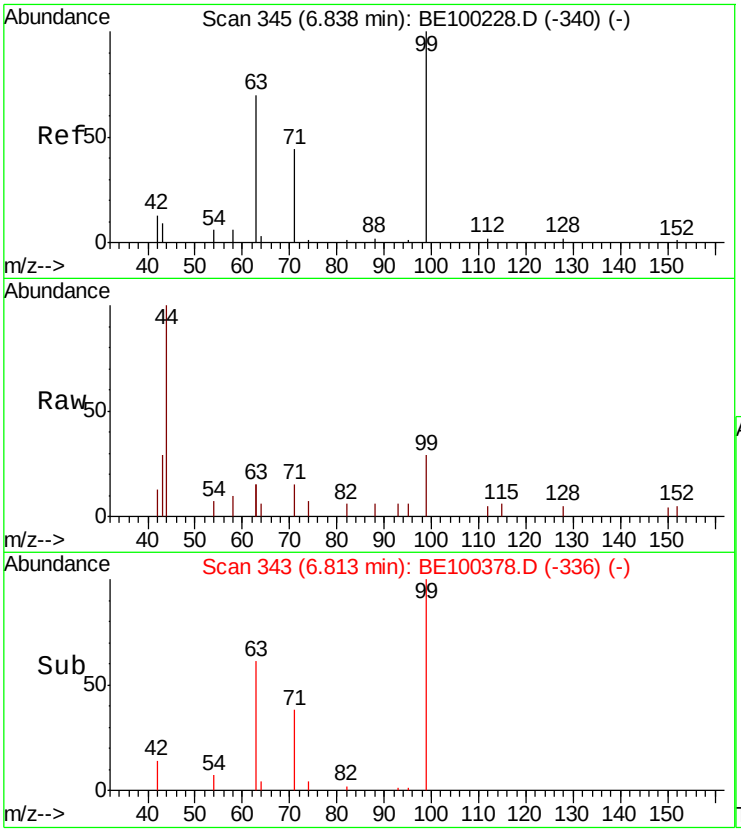


#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:112 Resp: 625

Ion	Ratio	Lower	Upper
112	100		
64	61.8	39.4	59.0#
63	139.4	104.5	156.7



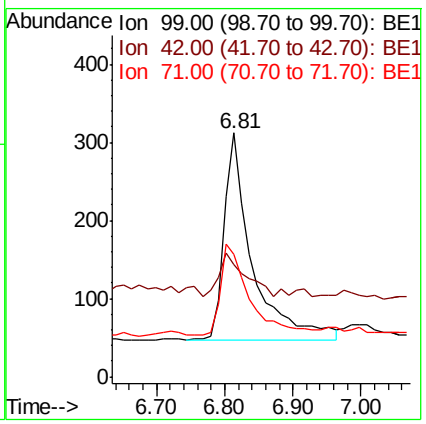


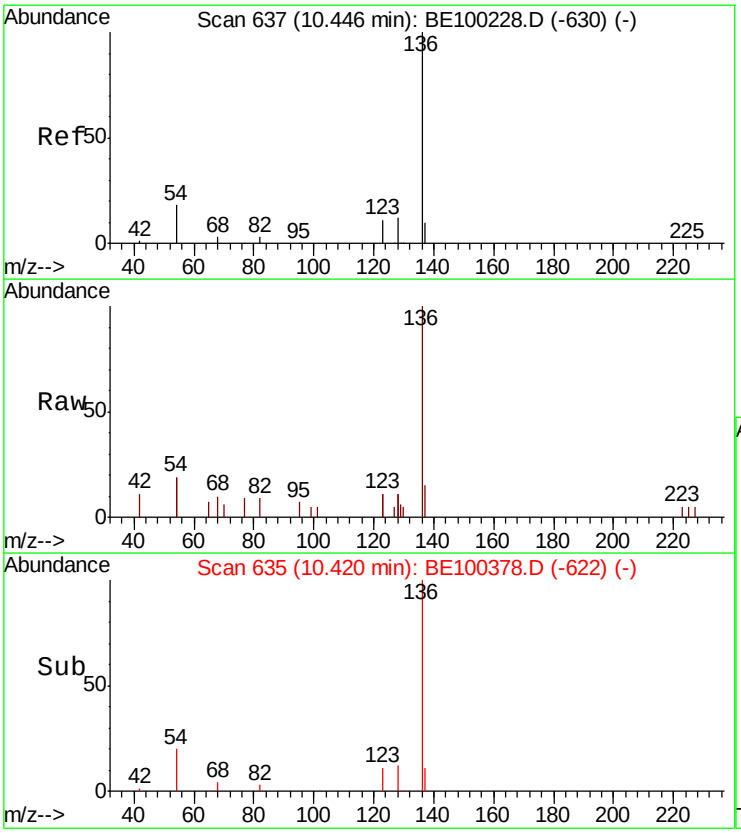
#5
Phenol-d6
Concen: 0.363 ng
RT: 6.81 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion: 99 Resp: 767

Ion	Ratio	Lower	Upper
99	100		
42	19.0	11.2	16.8#
71	45.4	37.2	55.8

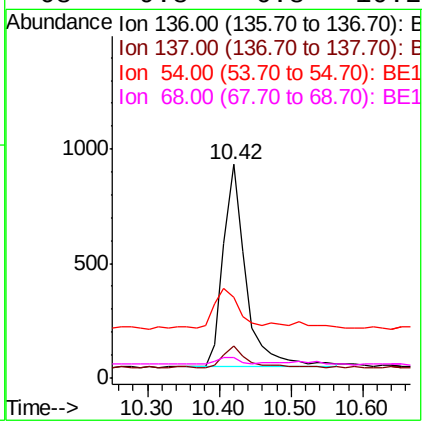


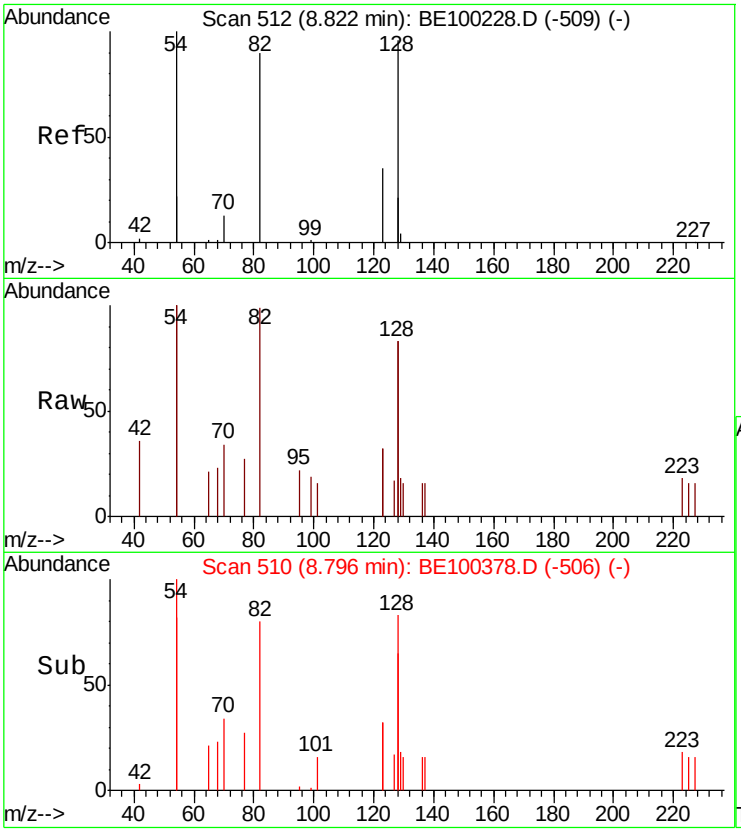


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:136 Resp: 1964

Ion	Ratio	Lower	Upper
136	100		
137	15.2	11.8	17.8
54	37.5	27.7	41.5
68	9.8	6.8	10.2



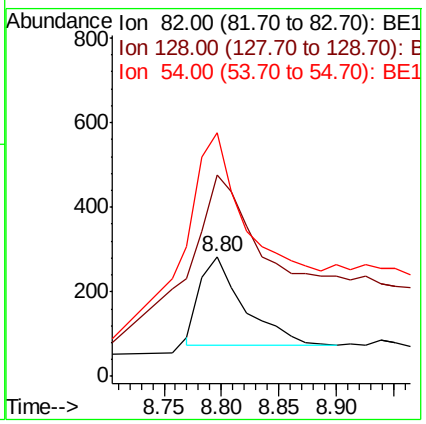


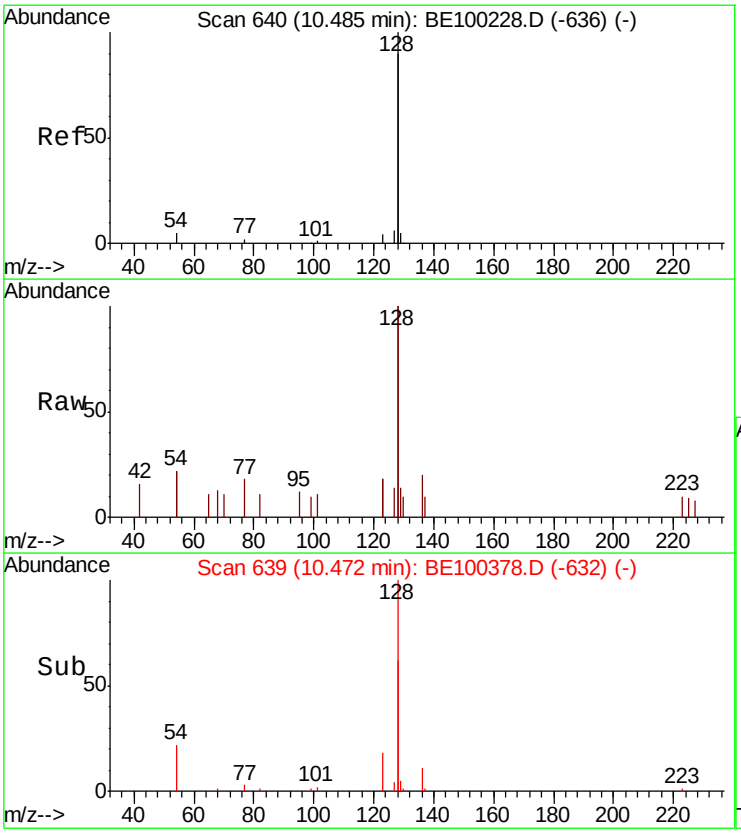
#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.80 min Scan# 510
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion: 82 Resp: 550

Ion	Ratio	Lower	Upper
82	100		
128	167.6	140.9	211.3
54	202.8	146.2	219.2

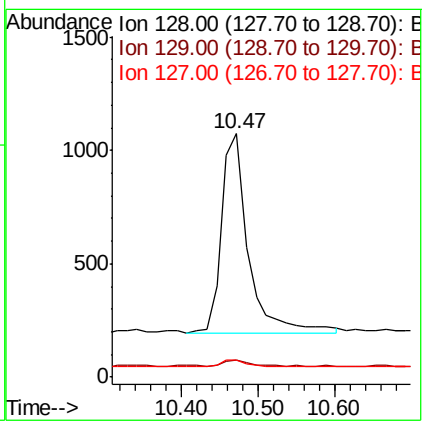


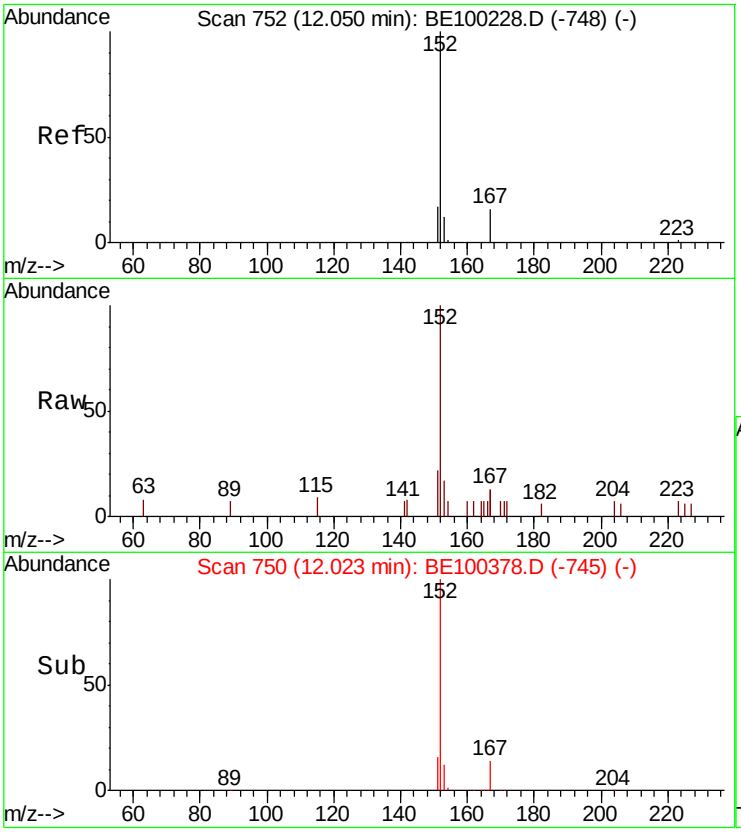


#9
Naphthalene
Concen: 0.098 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:128 Resp: 2133

Ion	Ratio	Lower	Upper
128	100		
129	7.0	3.0	4.6#
127	6.8	3.5	5.3#



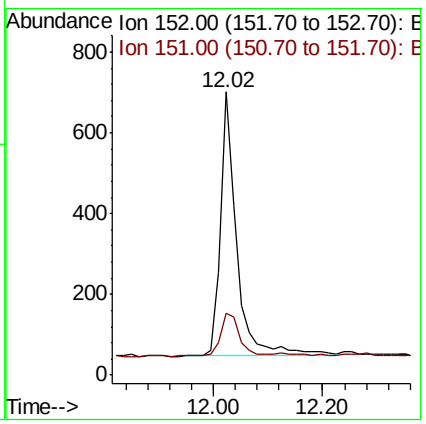


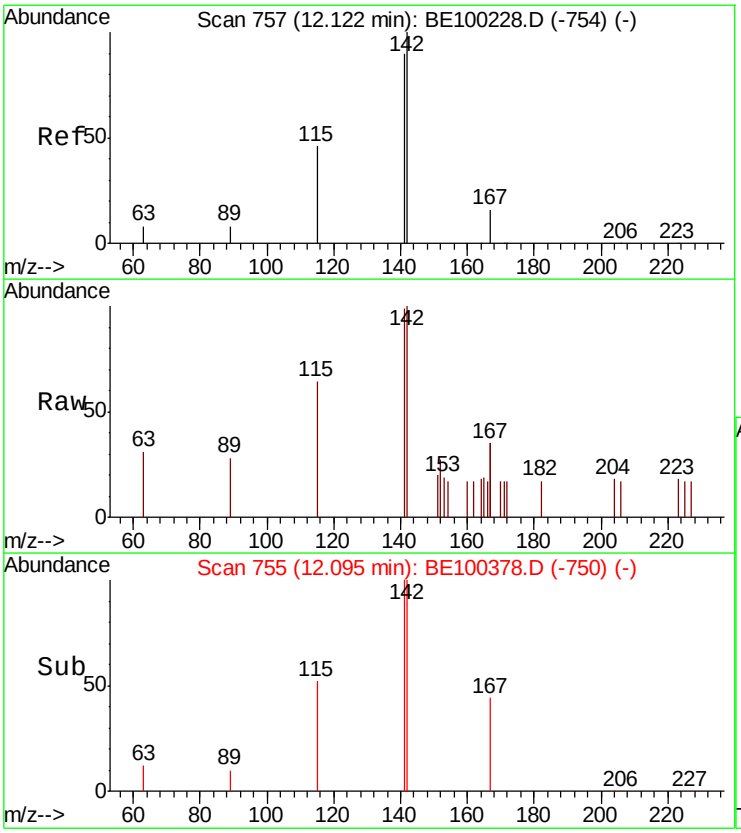
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.02 min Scan# 750
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:152 Resp: 1370

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.1	22.7

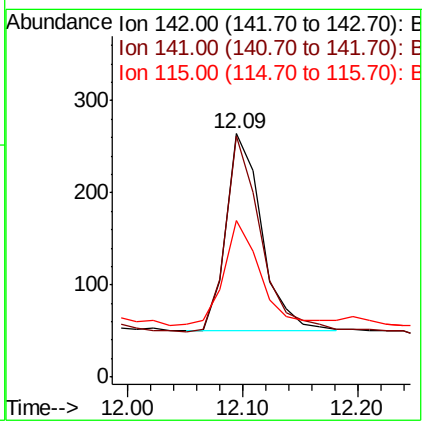


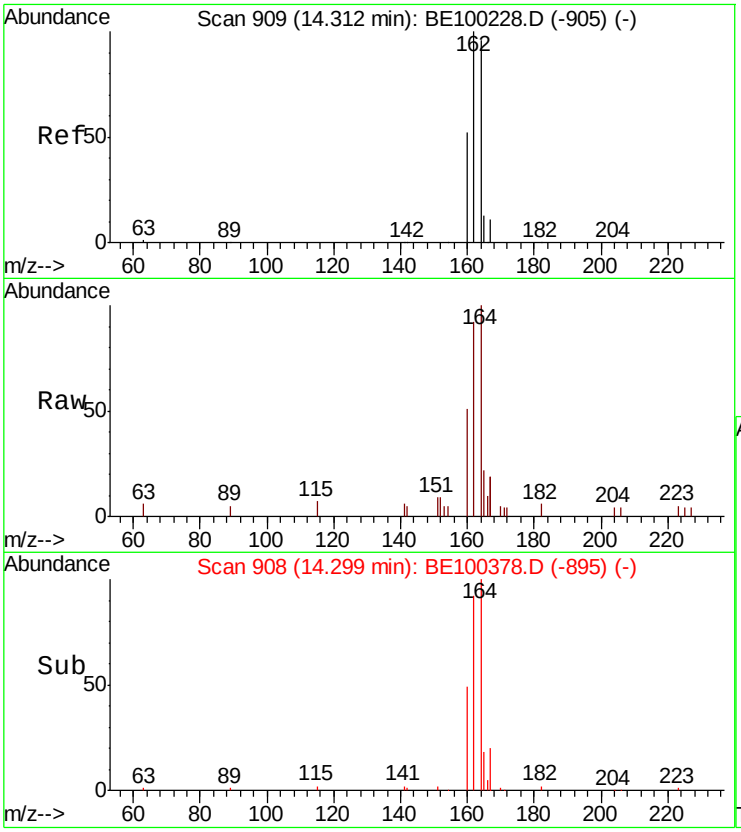


#12
2-Methylnaphthalene
Concen: 0.122 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:142 Resp: 462

Ion	Ratio	Lower	Upper
142	100		
141	98.9	72.4	108.6
115	64.4	40.4	60.6#



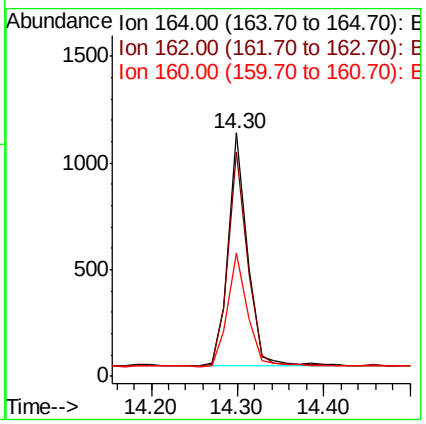


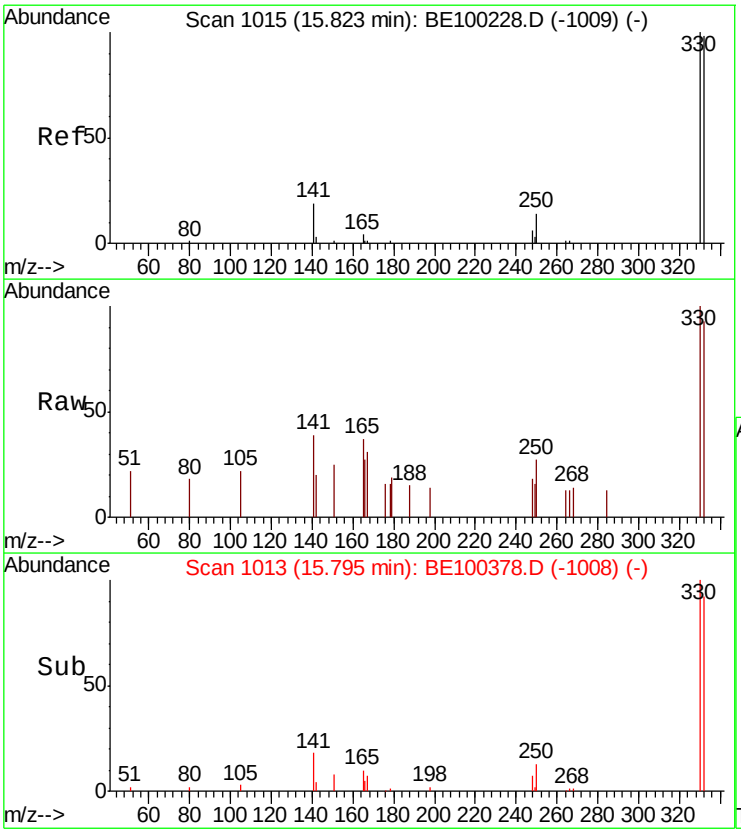
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:164 Resp: 1670

Ion	Ratio	Lower	Upper
164	100		
162	92.3	83.4	125.0
160	50.7	45.0	67.6

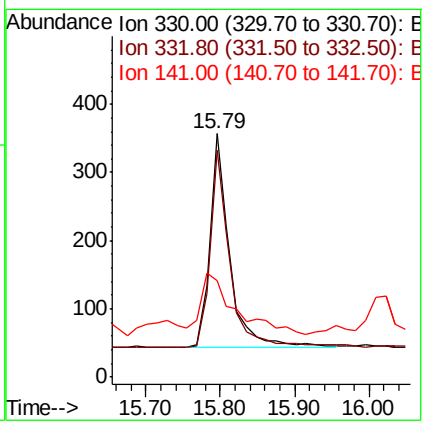


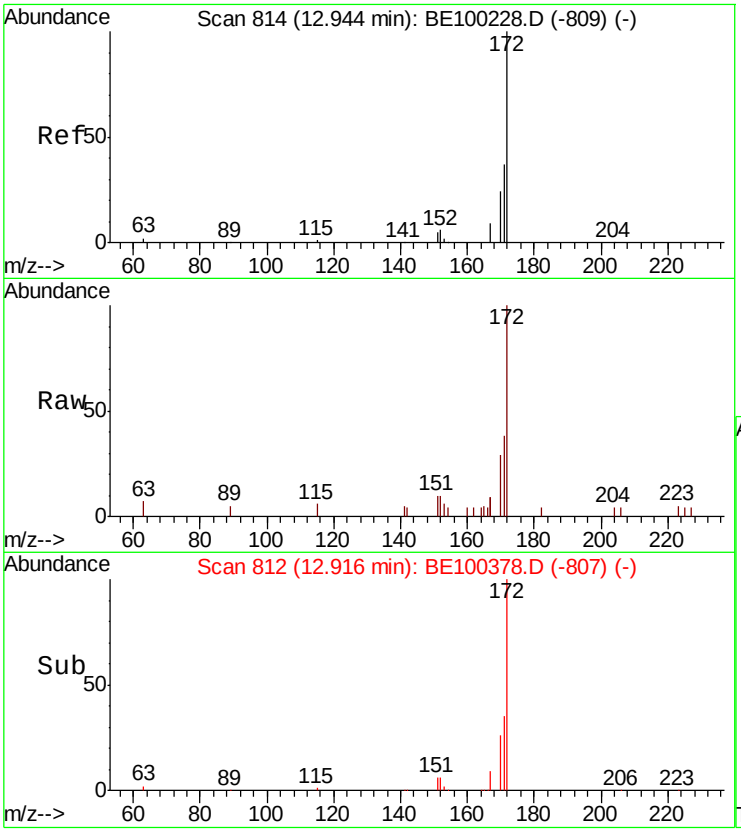


#14
2,4,6-Tribromophenol
Concen: 0.503 ng
RT: 15.79 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:330 Resp: 588

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.4
141	47.3	22.0	33.0#



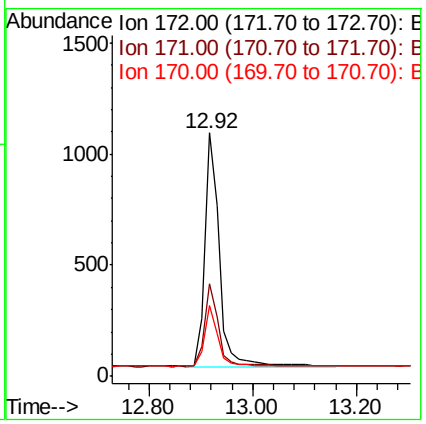


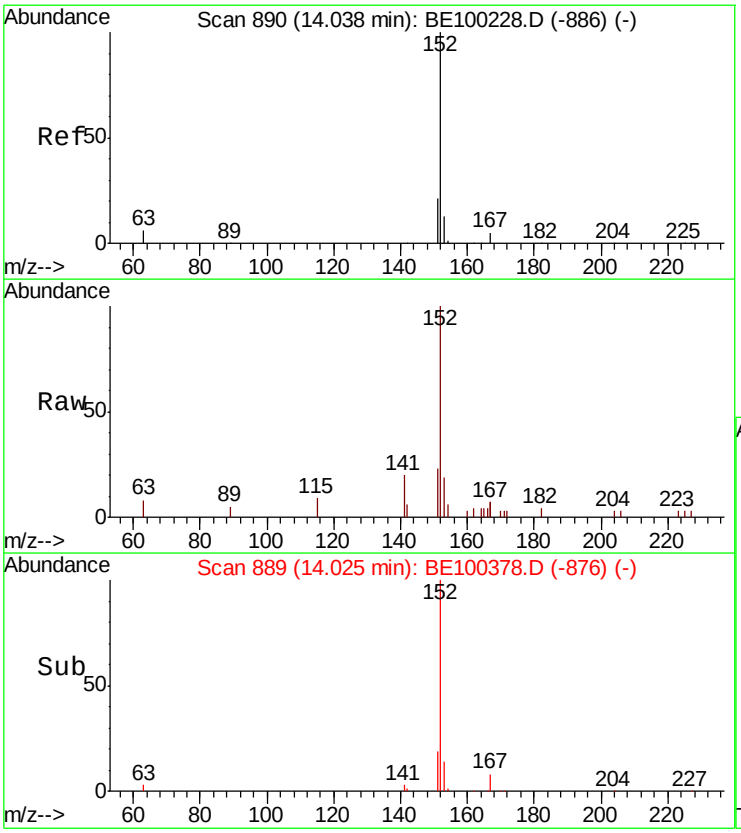
#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.92 min Scan# 812
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:172 Resp: 2069

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.9	47.9
170	29.3	22.2	33.2

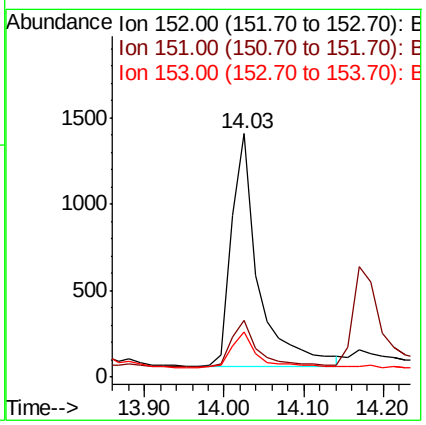


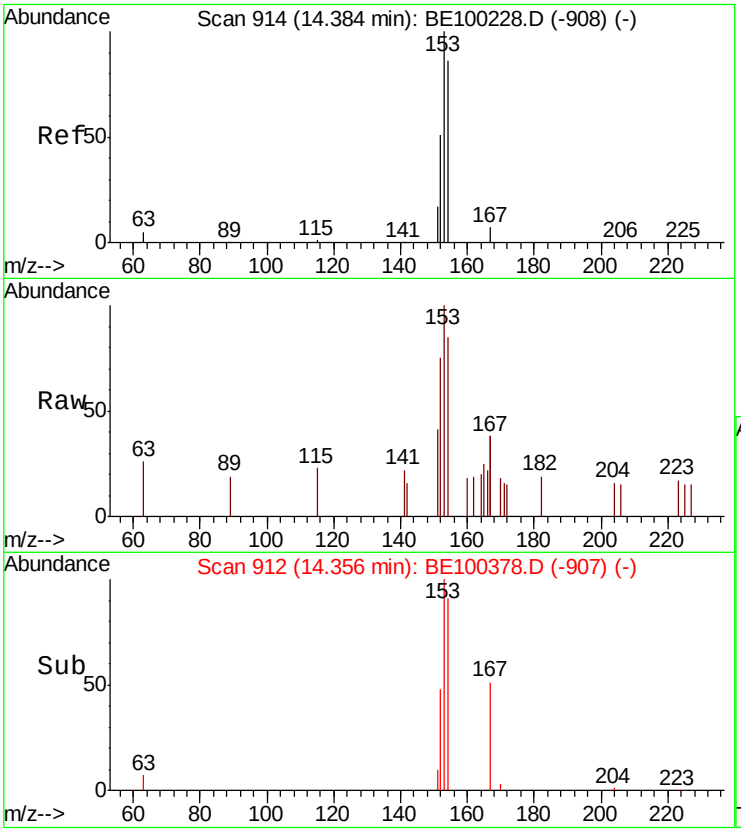


#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.03 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:152 Resp: 3160

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	25.0
153	15.2	10.5	15.7



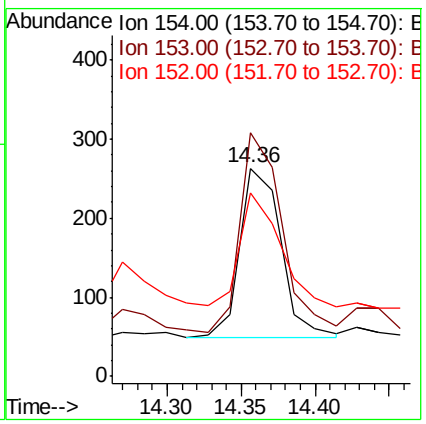


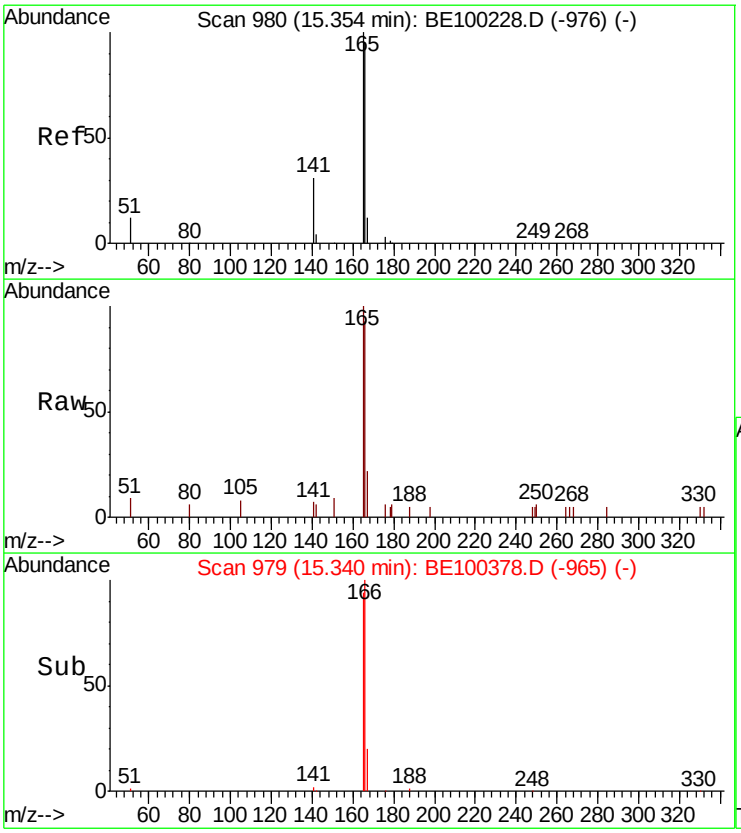
#17
Acenaphthene
Concen: 0.090 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:154 Resp: 407

Ion	Ratio	Lower	Upper
154	100		
153	122.9	93.4	140.2
152	71.3	49.4	74.2

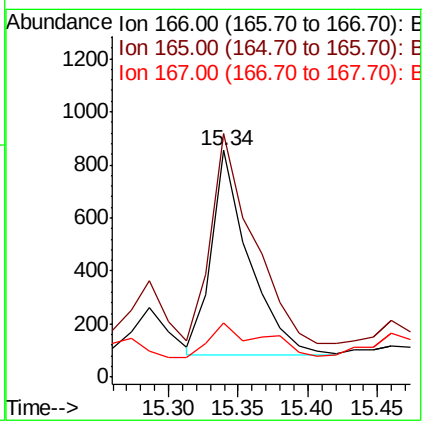


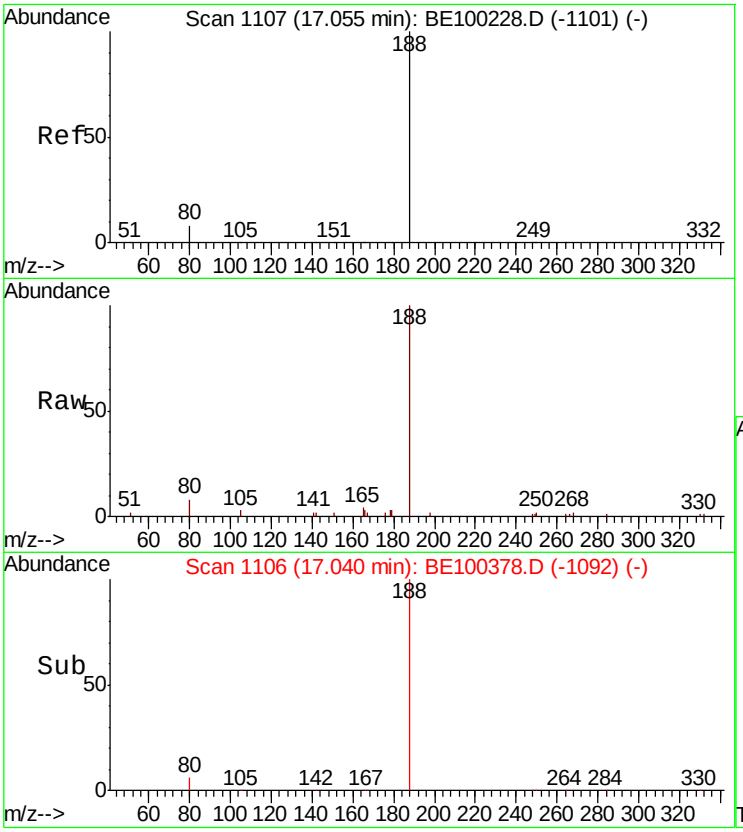


#18
Fluorene
Concen: 0.216 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:166 Resp: 1450

Ion	Ratio	Lower	Upper
166	100		
165	114.6	81.1	121.7
167	23.8	10.7	16.1#



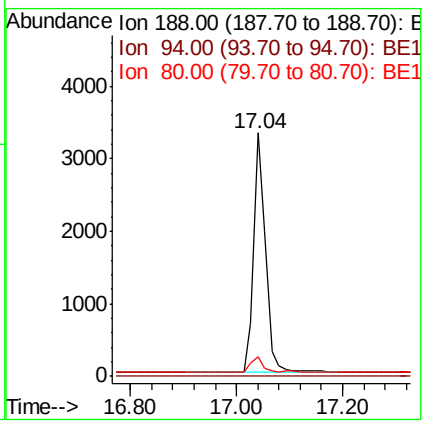


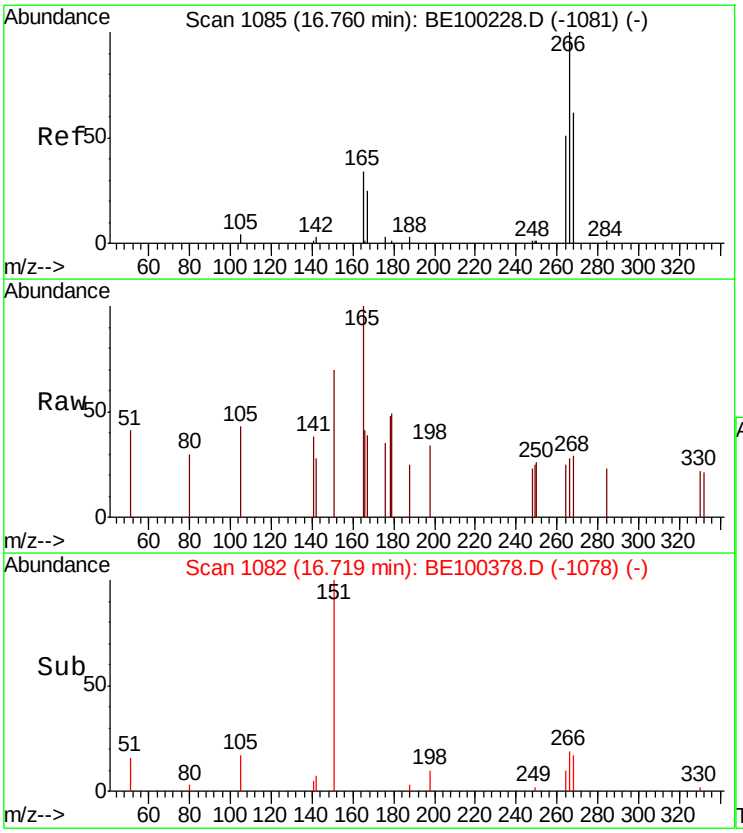
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:188 Resp: 5236

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	7.6	11.4

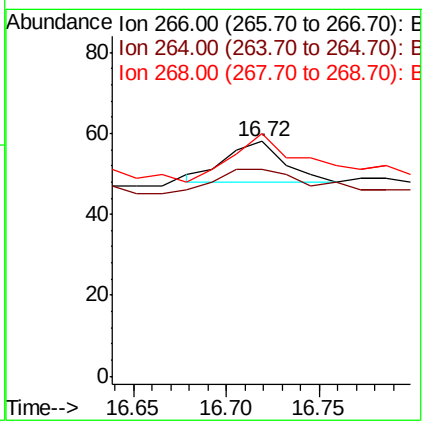


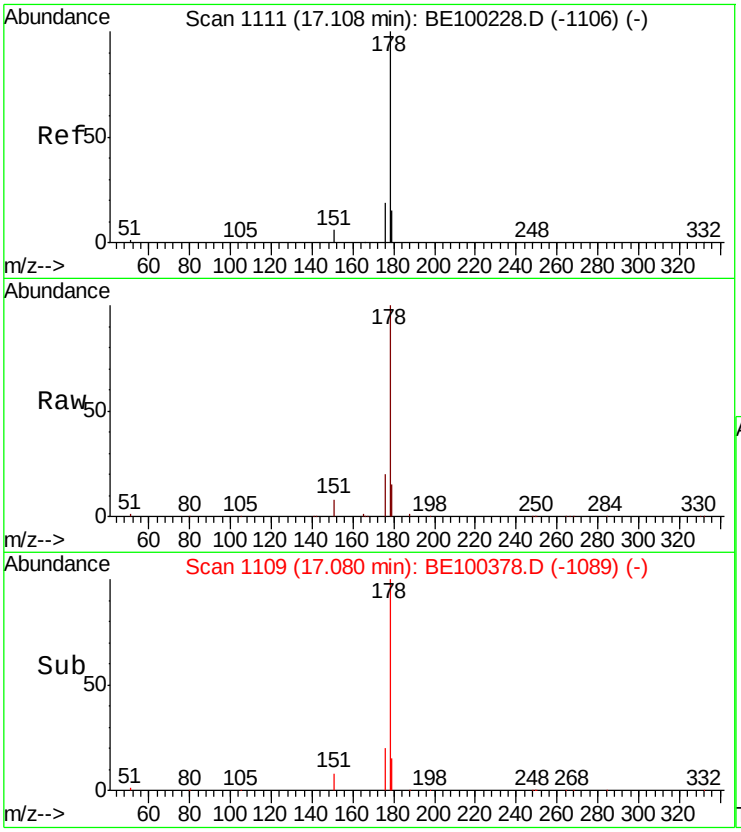


#22
Pentachlorophenol
Concen: 0.021 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	87.9	56.2	84.2#
268	103.4	61.8	92.6#



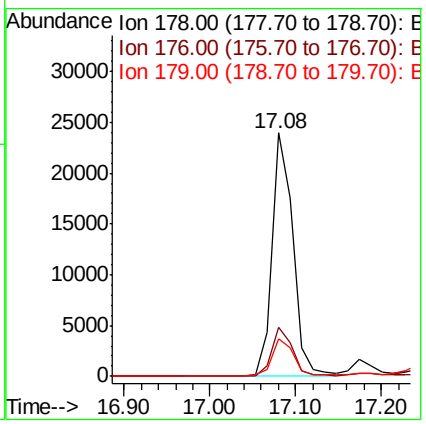


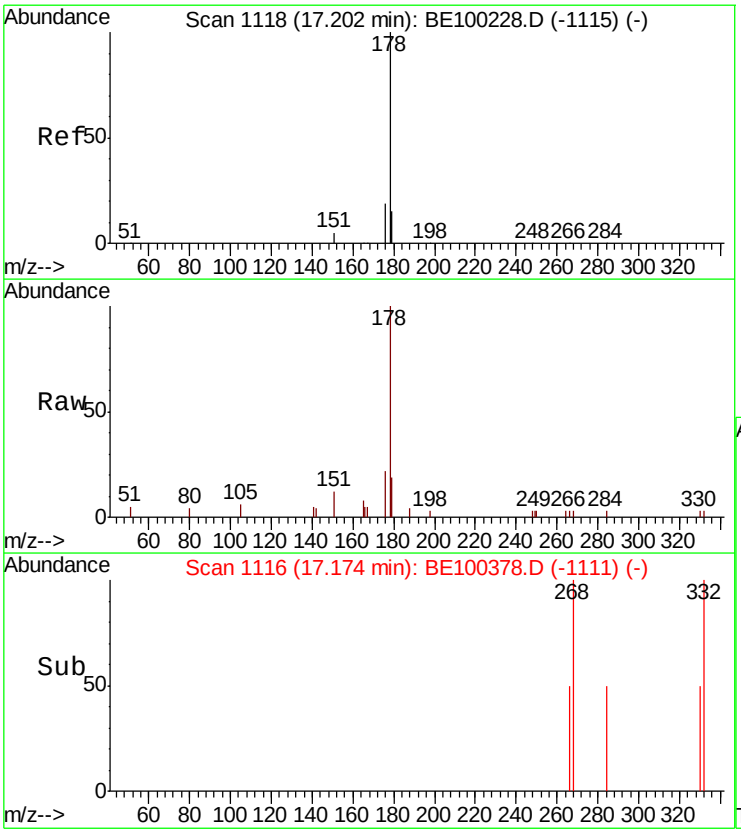
#23
Phenanthrene
Concen: 3.144 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:178 Resp: 39905

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.5	12.2	18.2

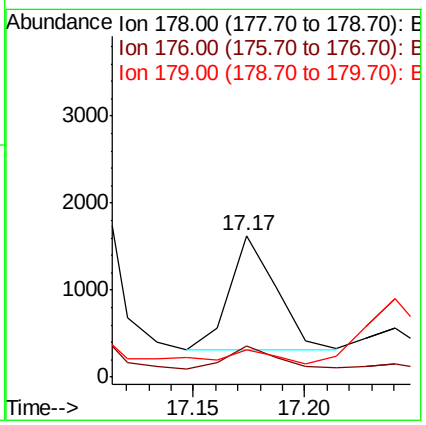


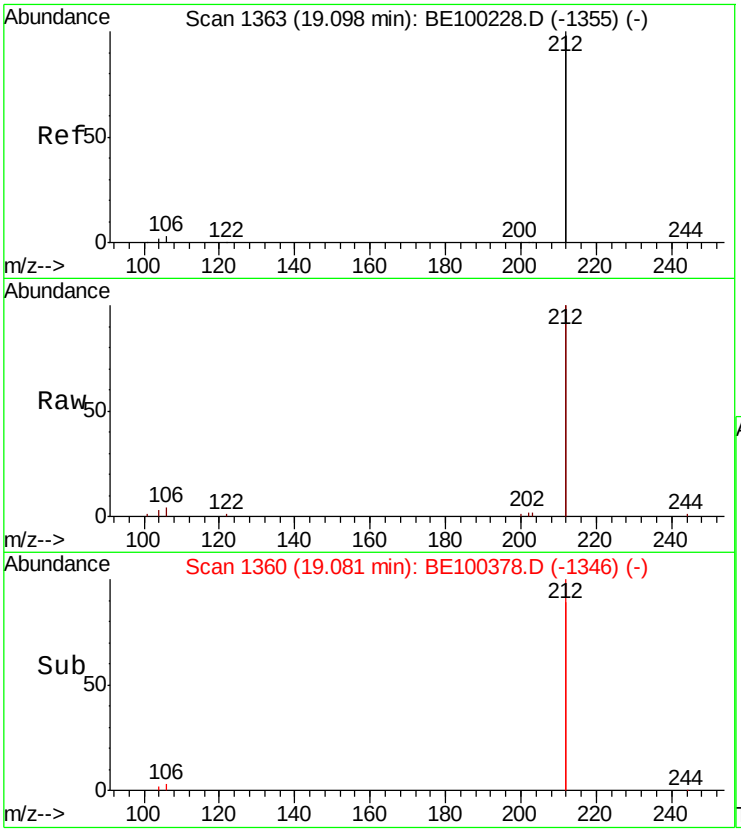


#24
Anthracene
Concen: 0.168 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:178 Resp: 1916

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	14.6	12.2	18.2



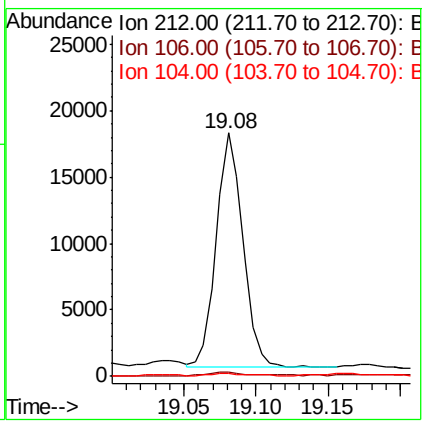


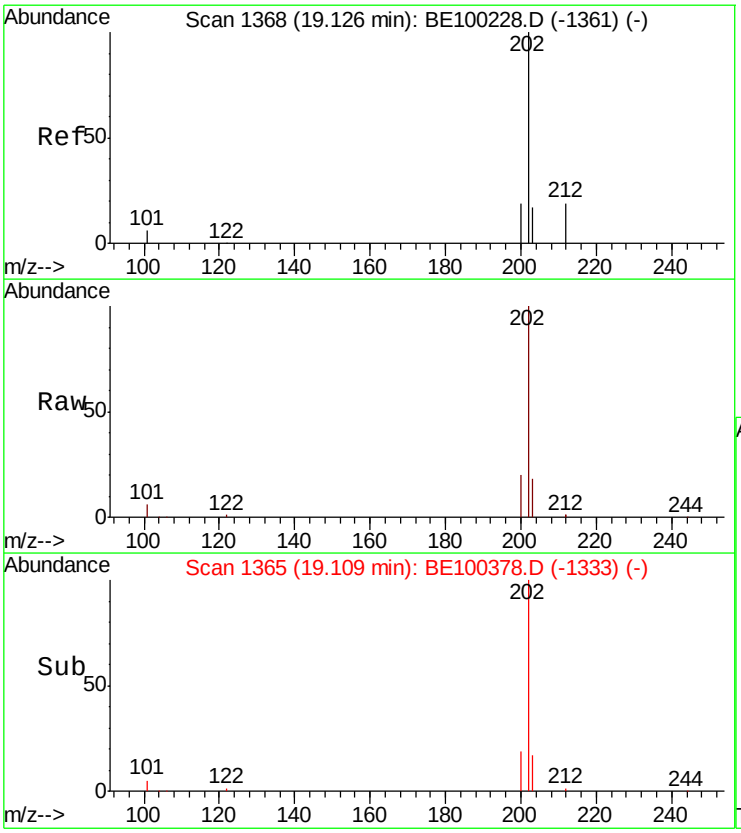
#25
Fluoranthene-d10
Concen: 0.298 ng
RT: 19.08 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:212 Resp: 22633

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	0.9	0.8	1.2

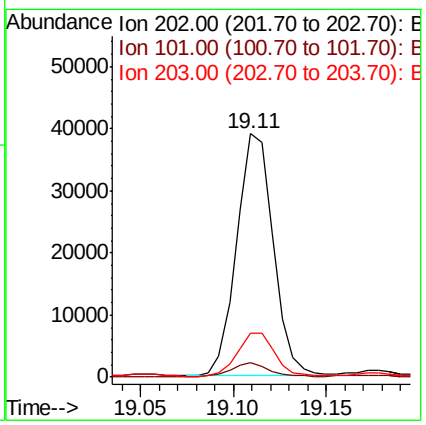


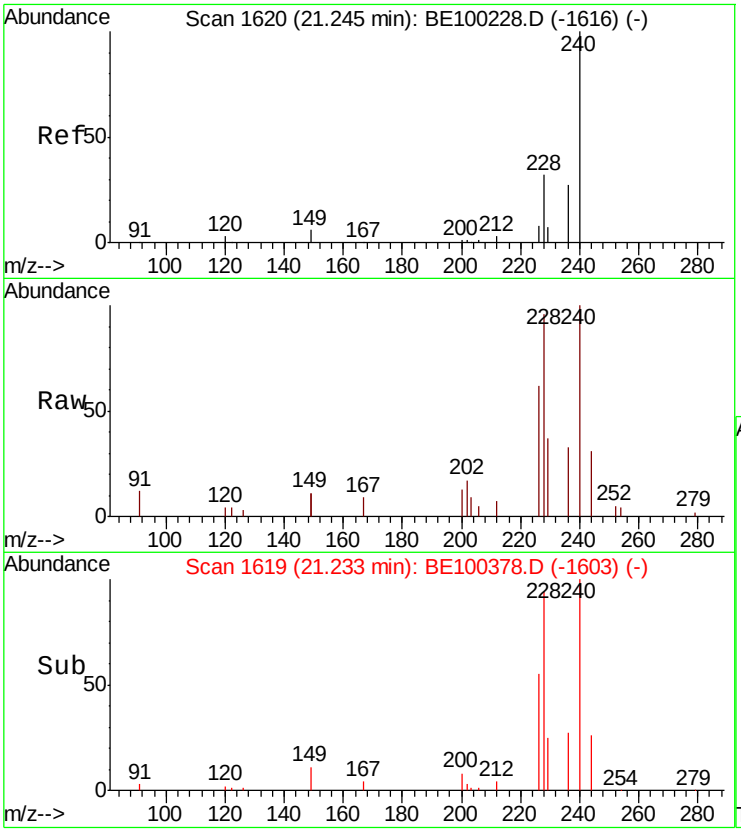


#26
Fluoranthene
Concen: 2.670 ng
RT: 19.11 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:202 Resp: 53971

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
203	18.1	13.7	20.5



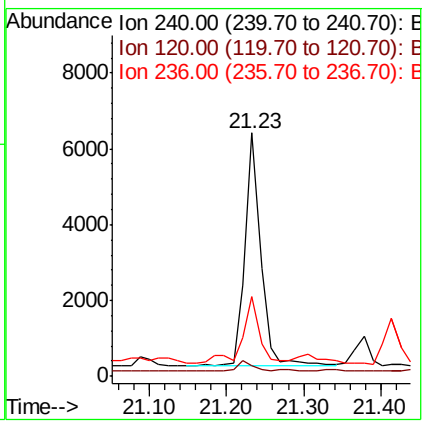


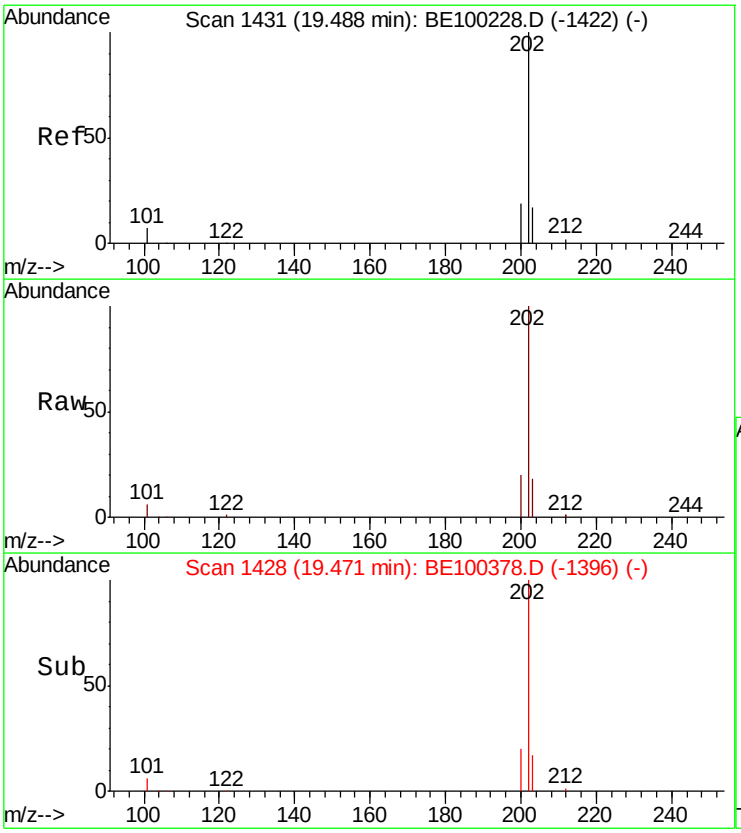
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:240 Resp: 8783

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.3	4.9
236	32.7	22.6	34.0

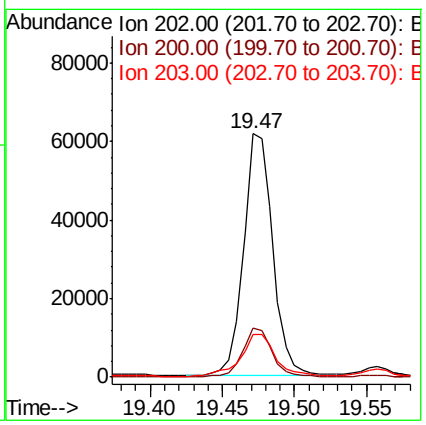


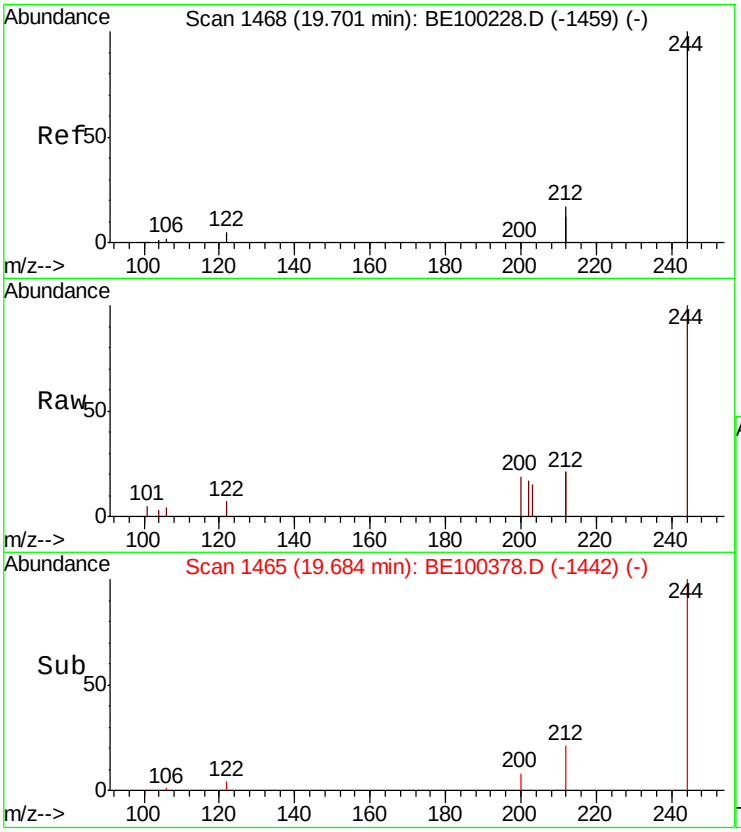


#28
Pyrene
Concen: 3.771 ng
RT: 19.47 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:202 Resp: 87684

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.6	23.4
203	20.4	14.0	21.0



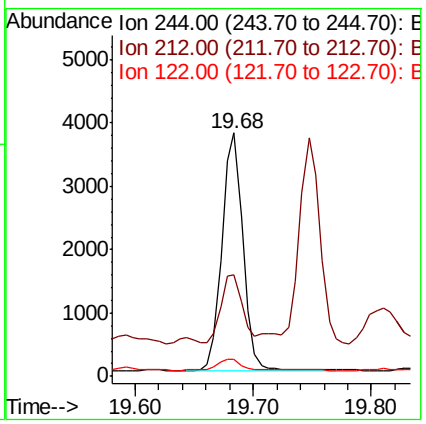


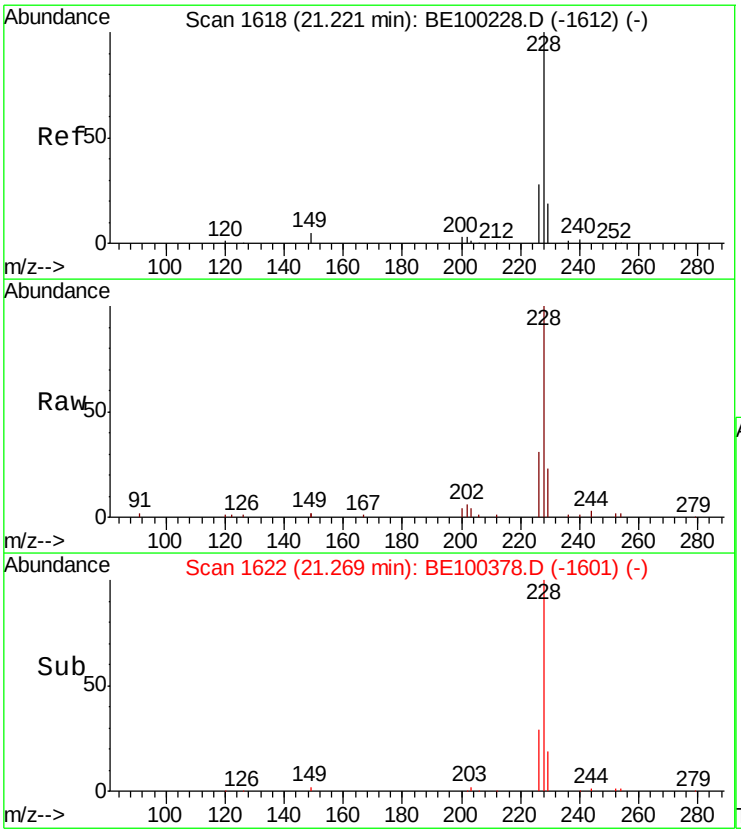
#29
Terphenyl-d14
Concen: 0.255 ng
RT: 19.68 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:244 Resp: 4633

Ion	Ratio	Lower	Upper
244	100		
212	42.0	27.3	40.9#
122	6.8	4.7	7.1

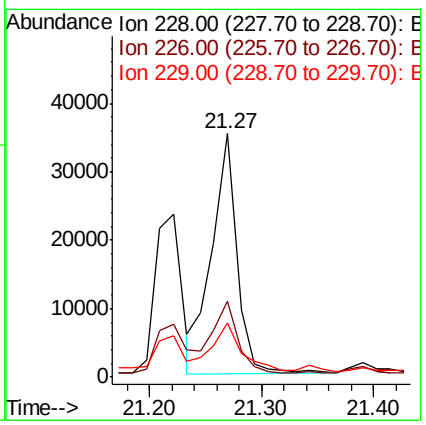


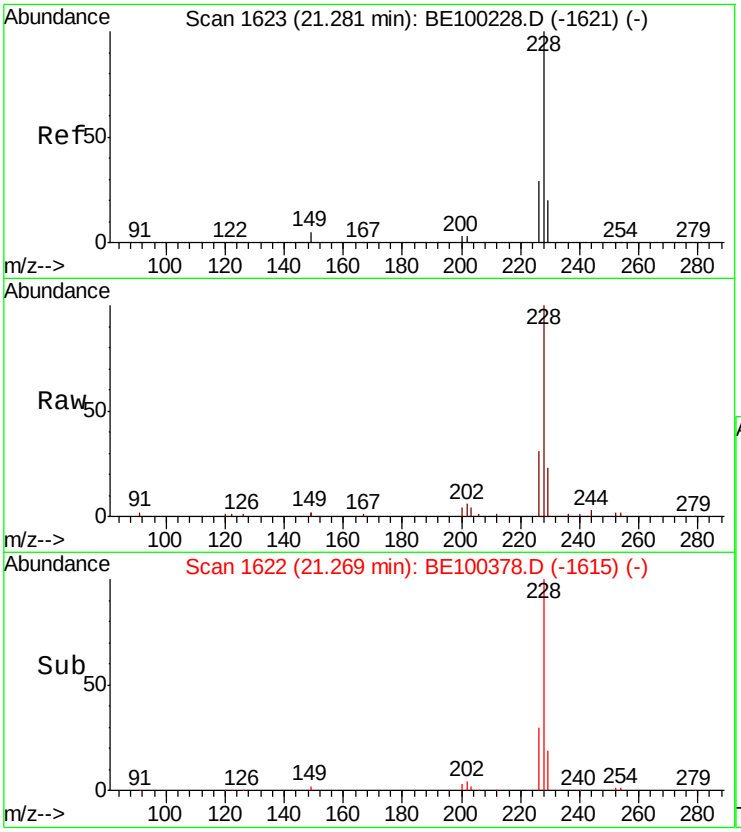


#30
Benzo(a)anthracene
Concen: 1.903 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.05 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:228 Resp: 54968

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.2	34.8
229	22.5	15.7	23.5



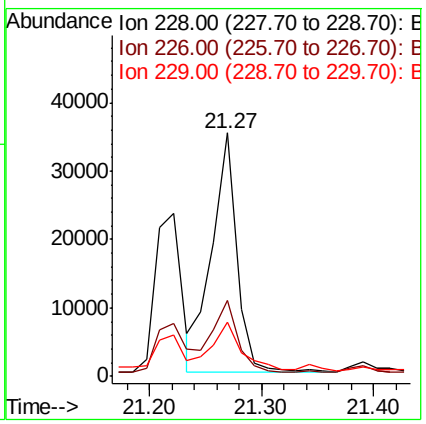


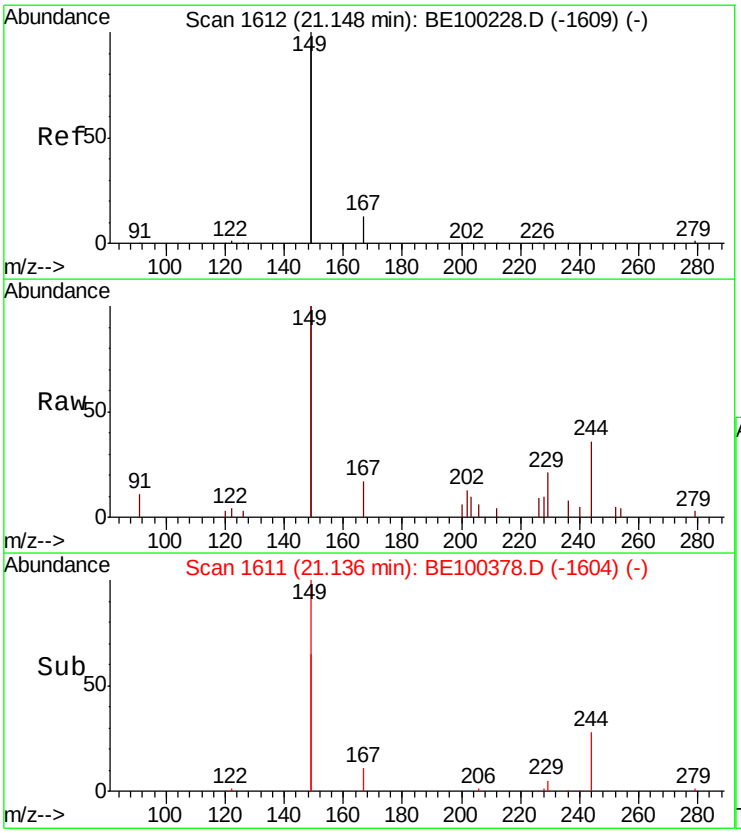
#31
Chrysene
Concen: 1.878 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:228 Resp: 54468

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.9	35.9
229	22.5	16.5	24.7

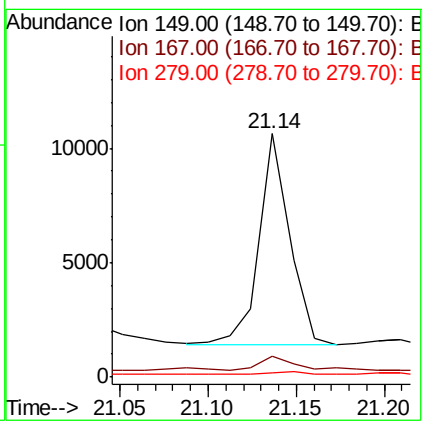


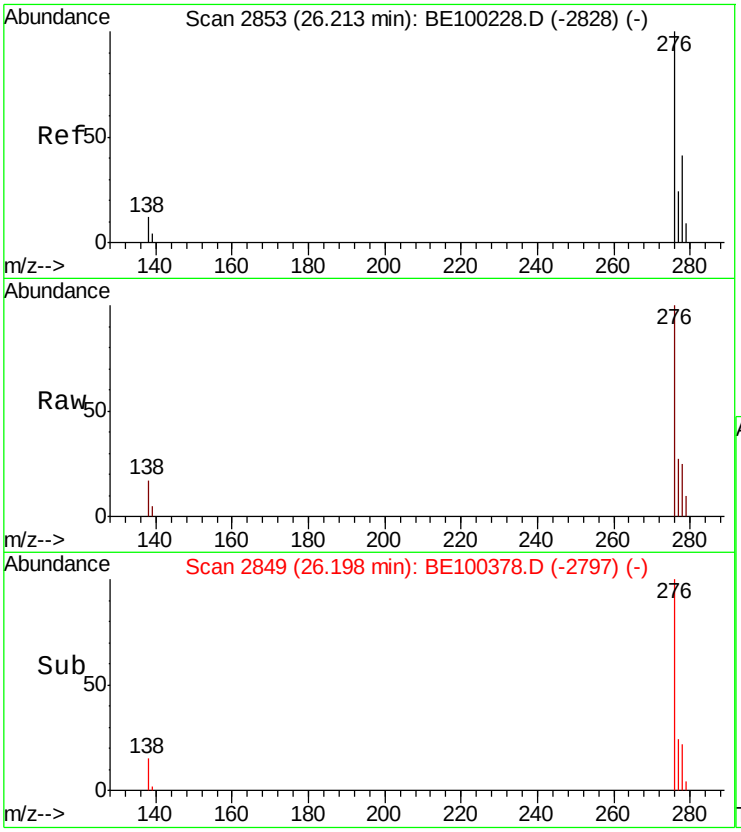


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.215 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:149 Resp: 11135

Ion	Ratio	Lower	Upper
149	100		
167	8.4	5.8	8.8
279	2.2	1.1	1.7#



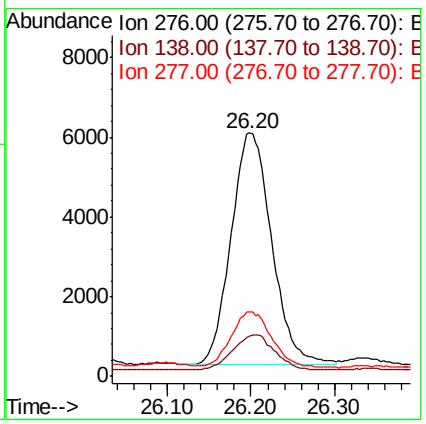


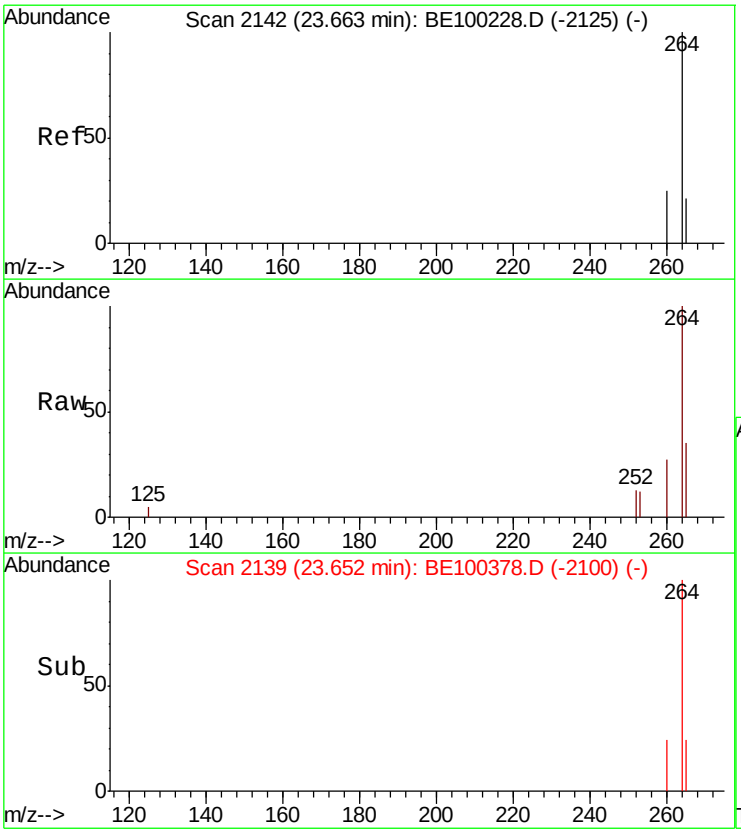
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.513 ng
RT: 26.20 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:276 Resp: 19657

Ion	Ratio	Lower	Upper
276	100		
138	15.4	9.4	14.0#
277	23.8	19.2	28.8

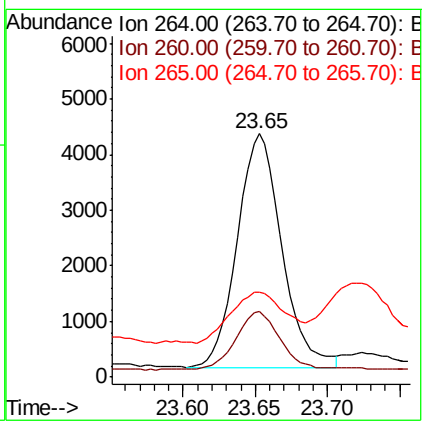


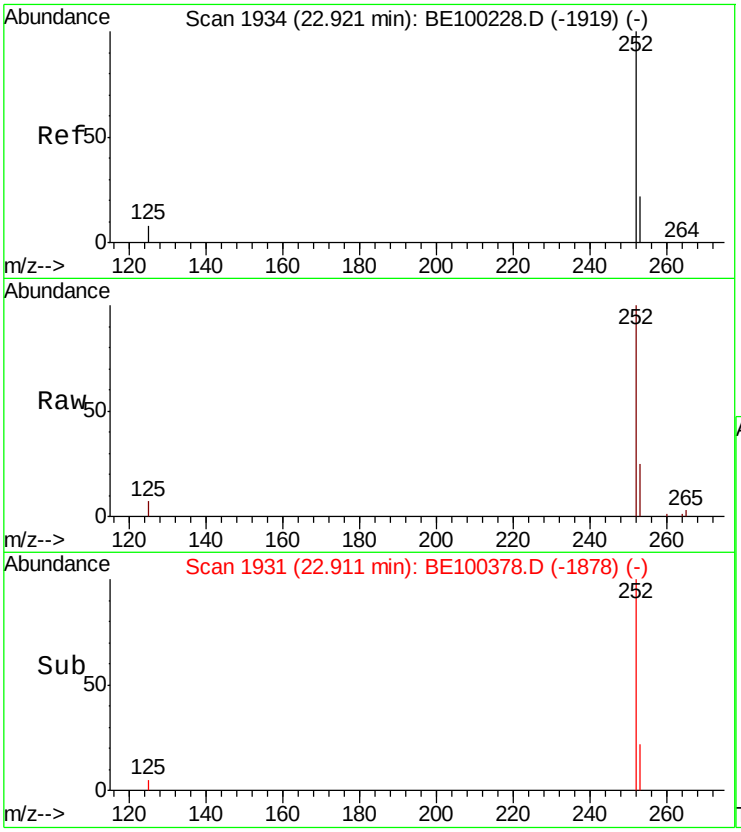


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:264 Resp: 8816

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



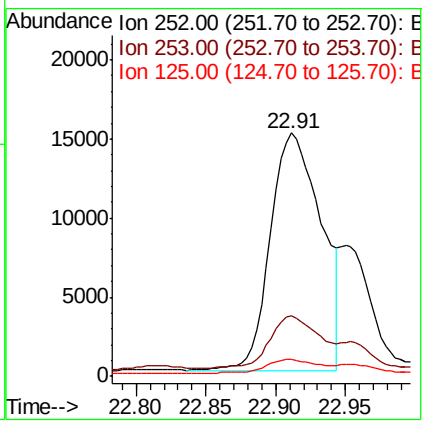


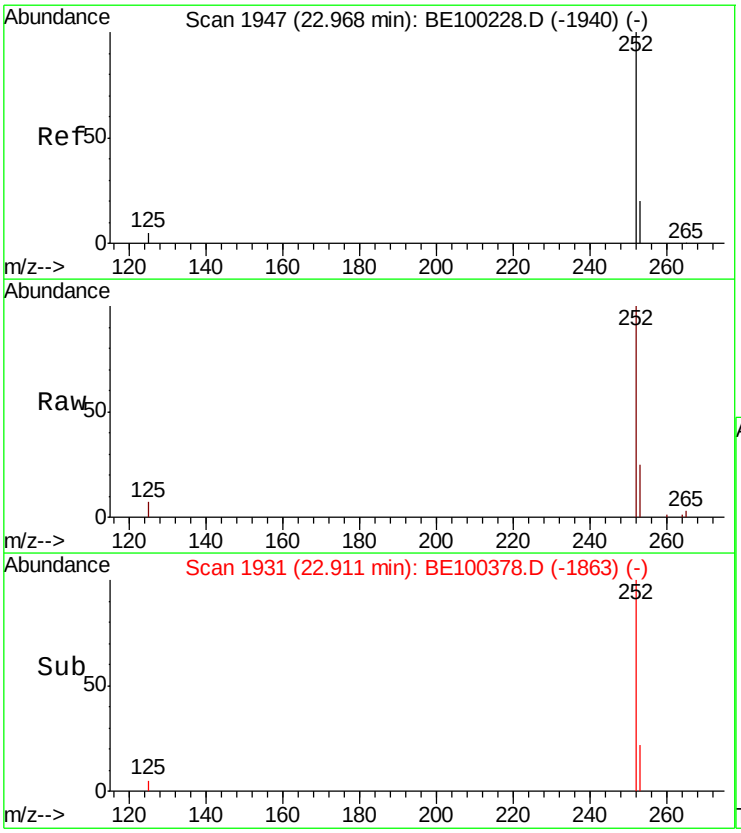
#35
Benzo(b)fluoranthene
Concen: 1.589 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:252 Resp: 37970

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.2	28.8
125	6.8	7.4	11.0#

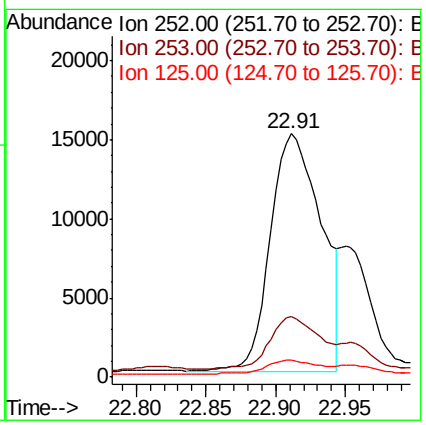


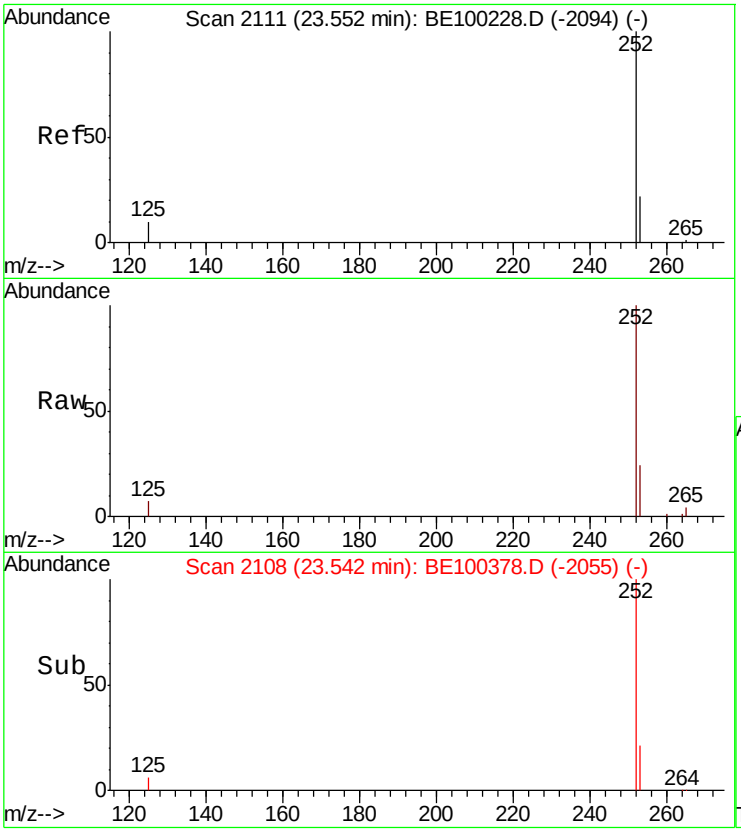


#36
Benzo(k)fluoranthene
Concen: 1.423 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:252 Resp: 37970

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	6.8	5.0	7.4



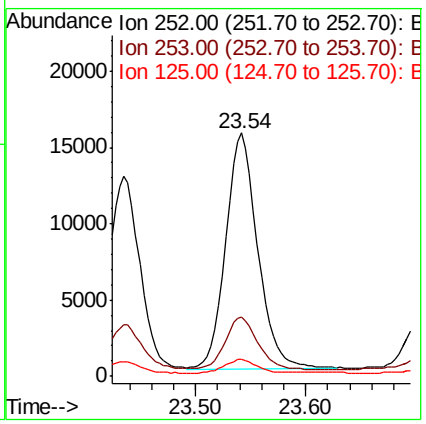


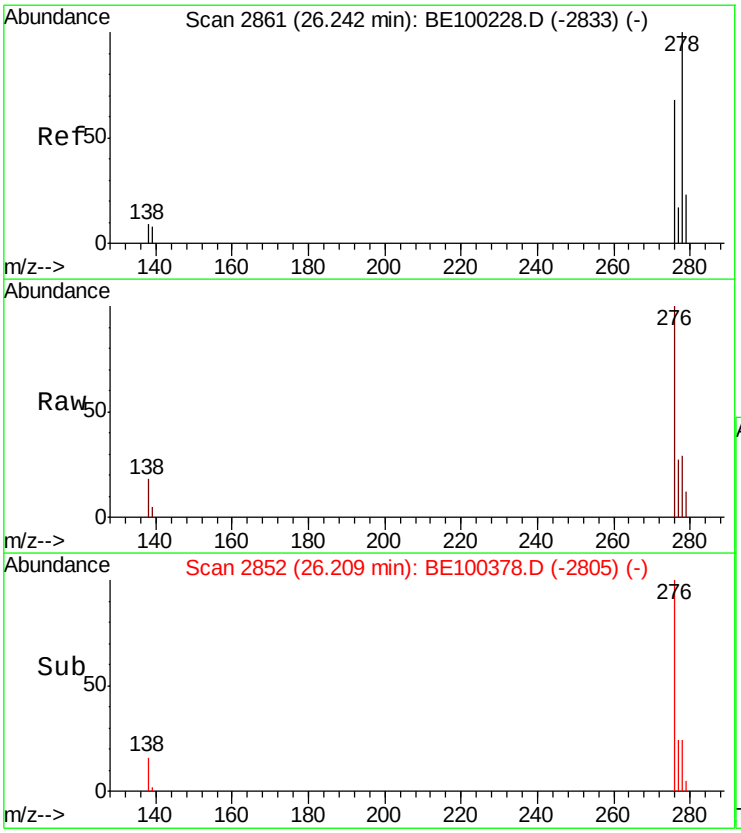
#37
Benzo(a)pyrene
Concen: 1.305 ng
RT: 23.54 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:252 Resp: 31260

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.6	29.4
125	6.9	9.0	13.6#

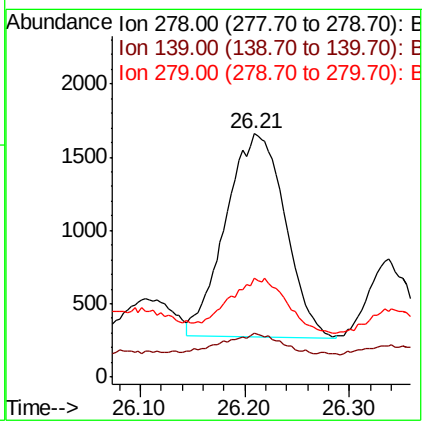


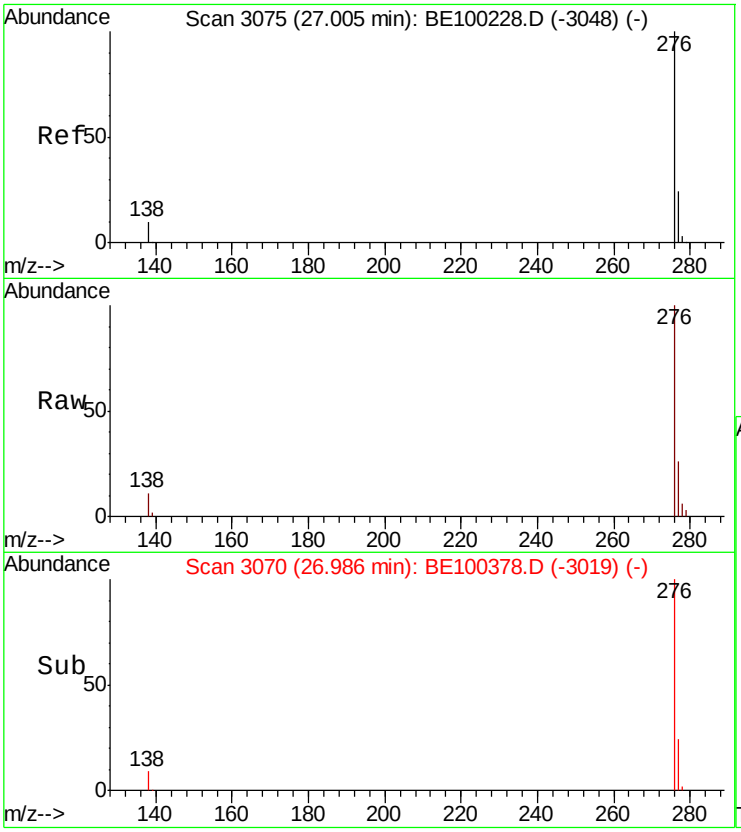


#38
Dibenzo(a,h)anthracene
Concen: 0.219 ng
RT: 26.21 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:278 Resp: 5479

Ion	Ratio	Lower	Upper
278	100		
139	17.9	8.2	12.2#
279	40.5	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.943 ng
RT: 26.99 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:276 Resp: 24238

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.2	30.2
138	10.9	9.0	13.6