Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070819\
Data File : BE100414.D
Acq On : 8 Jul 2019 16:29
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 10 04:00:10 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	412	0.40	ng		-0.02
7) Naphthalene-d8	10.42	136	1499	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	1132	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	3841	0.40	ng		-0.01
27) Chrysene-d12	21.23	240	5026	0.40	ng		-0.01
34) Perylene-d12	23.64	264	6279	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	415	0.39	ng		-0.02
5) Phenol-d6	6.81	99	558	0.40	ng		-0.02
8) Nitrobenzene-d5	8.80	82	522	0.35	ng		-0.03
11) 2-Methylnaphthalene-d10	12.04	152	1222	0.43	ng		-0.01
14) 2,4,6-Tribromophenol	15.80	330	372	0.47	ng		-0.03
15) 2-Fluorobiphenyl	12.93	172	2028	0.46	ng		-0.01
25) Fluoranthene-d10	19.08	212	23306	0.42	ng		-0.02
29) Terphenyl-d14	19.68	244	4725	0.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	314	0.491	ng		90
3) n-Nitrosodimethylamine	3.44	42	183	0.614	ng	#	56
6) bis(2-Chloroethyl)ether	7.06	93	354	0.312	ng	#	55
9) Naphthalene	10.47	128	7201	0.436	ng		99
10) Hexachlorobutadiene	10.73	225	857	0.538	ng		100
12) 2-Methylnaphthalene	12.11	142	1136	0.392	ng		95
16) Acenaphthylene	14.02	152	2438	0.449	ng		99
17) Acenaphthene	14.36	154	1354	0.440	ng	#	90
18) Fluorene	15.34	166	2125	0.467	ng		96
20) 4-Bromophenyl-phenylether	16.24	248	1079	0.440	ng	#	90
21) Hexachlorobenzene	16.35	284	1272	0.500	ng		97
22) Pentachlorophenol	16.72	266	280	0.366	ng		92
23) Phenanthrene	17.08	178	3915	0.421	ng		98
24) Anthracene	17.18	178	3326	0.397	ng		99
26) Fluoranthene	19.11	202	6174	0.416	ng		99
28) Pyrene	19.47	202	6405	0.481	ng		99
30) Benzo(a)anthracene	21.21	228	7149	0.433	ng		99
31) Chrysene	21.27	228	7049	0.425	ng		99
32) Bis(2-ethylhexyl)phthalate	21.14	149	9125	0.333	ng		99
33) Indeno(1,2,3-cd)pyrene	26.19	276	9822	0.448	ng		97
35) Benzo(b)fluoranthene	22.90	252	6868	0.403	ng		98
36) Benzo(k)fluoranthene	22.95	252	8089	0.426	ng		96
37) Benzo(a)pyrene	23.53	252	7178	0.421	ng		98
38) Dibenzo(a,h)anthracene	26.20	278	7224	0.405	ng		98
39) Benzo(g,h,i)perylene	26.96	276	8521	0.465	ng		98

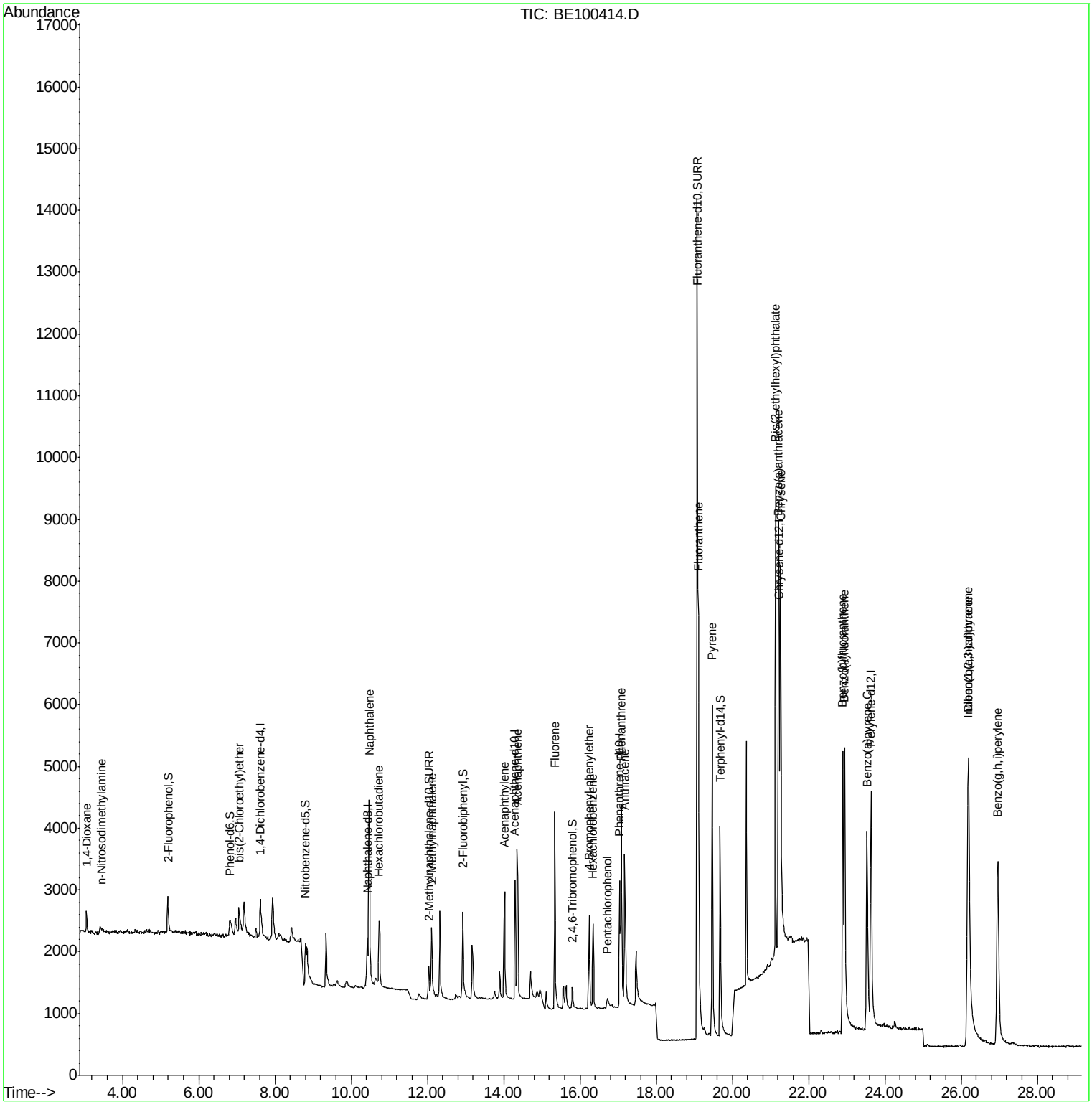
(#) = qualifier out of range (m) = manual integration (+) = signals summed

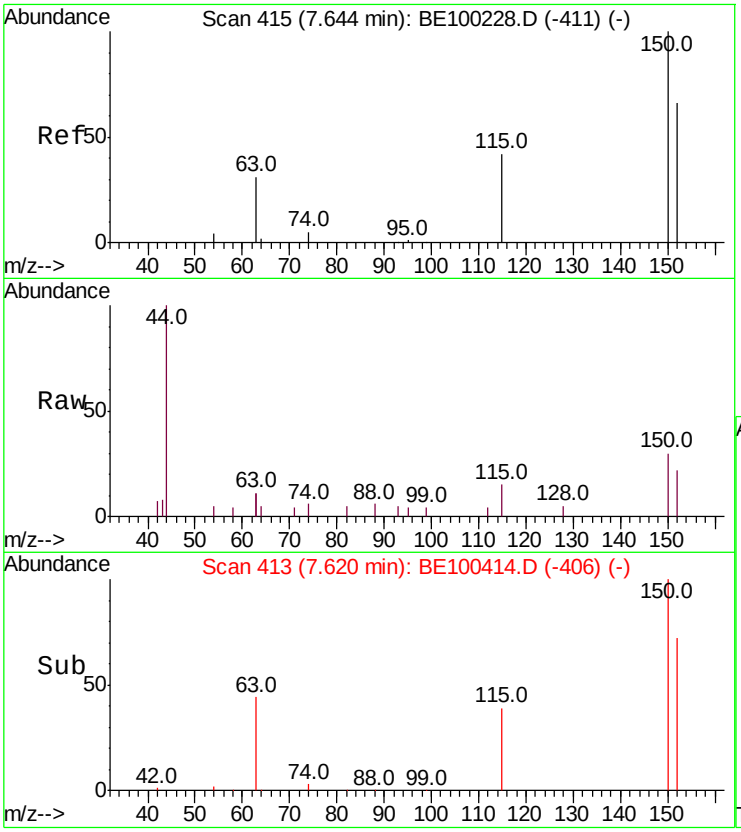
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070819\
Data File : BE100414.D
Acq On : 8 Jul 2019 16:29
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 10 04:00:10 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



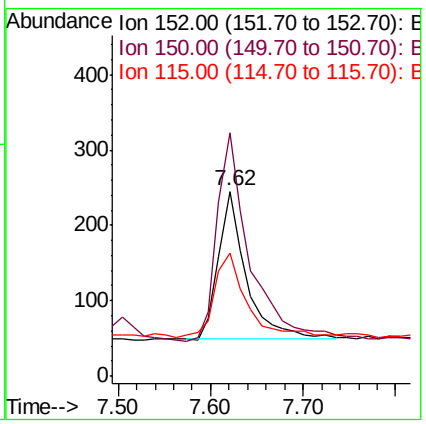


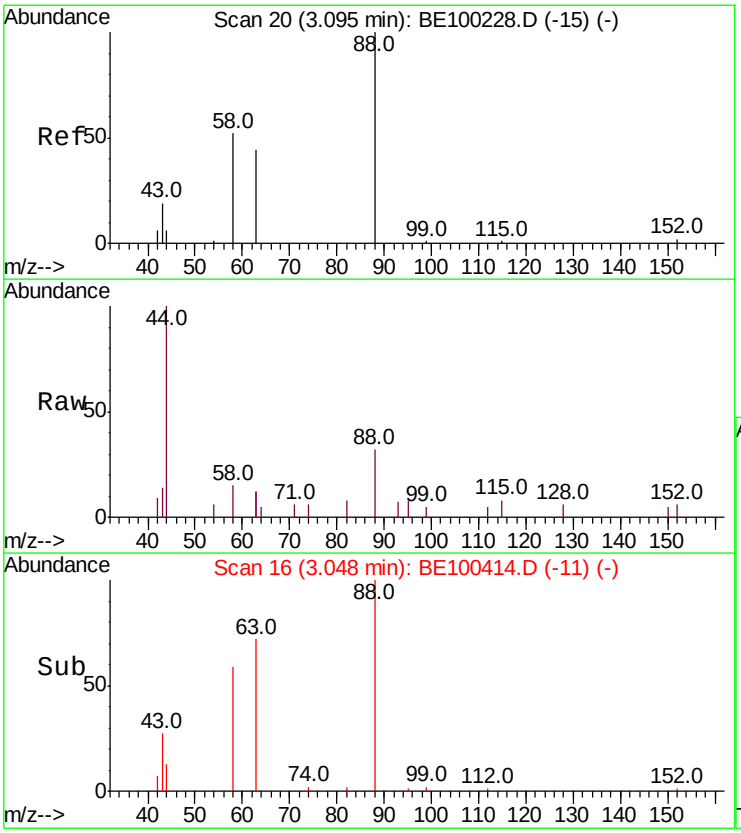
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 412

Ion	Ratio	Lower	Upper
152	100		
150	131.8	114.5	171.7
115	66.9	57.1	85.7

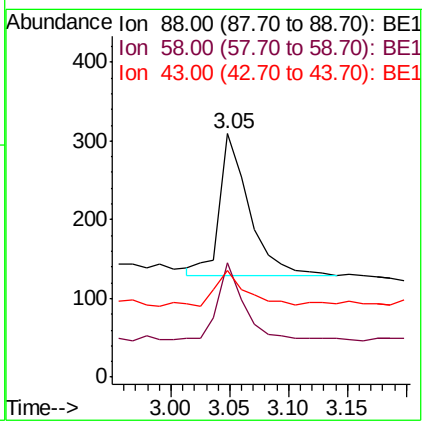


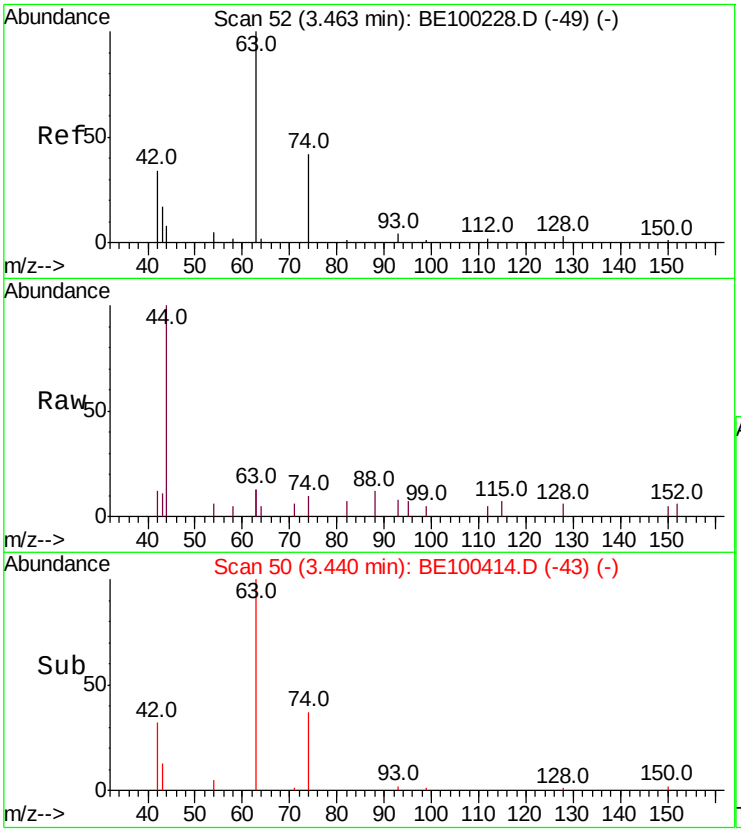


#2
1,4-Dioxane
Concen: 0.491 ng
RT: 3.05 min Scan# 16
Delta R.T. -0.05 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion: 88 Resp: 314

Ion	Ratio	Lower	Upper
88	100		
58	45.2	43.6	65.4
43	25.2	21.4	32.0



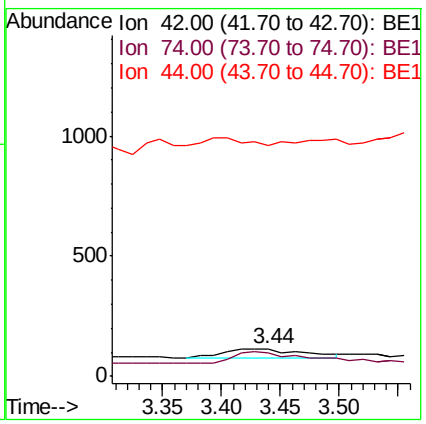


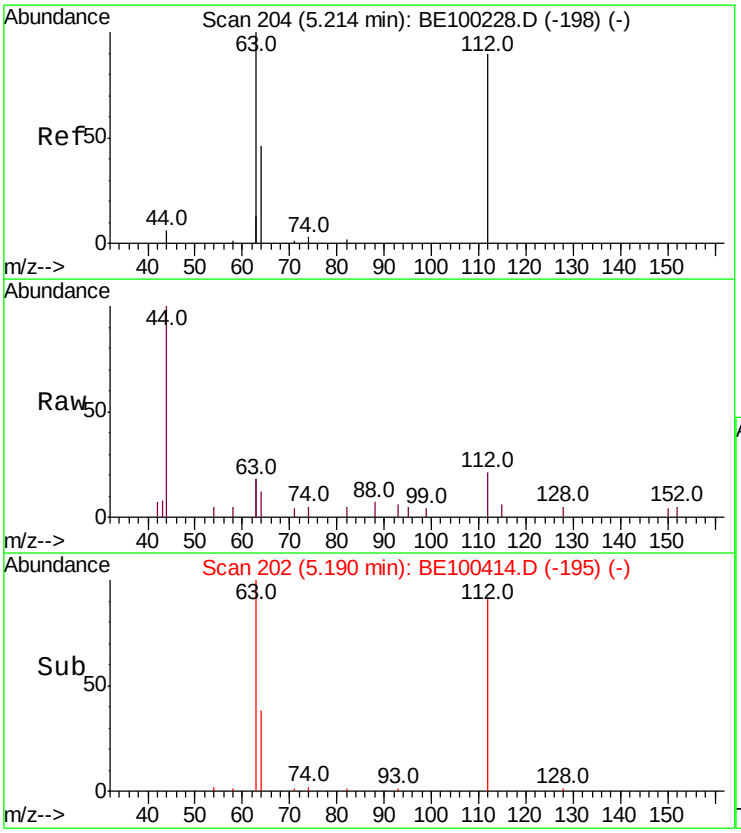
#3
n-Nitrosodimethylamine
Concen: 0.614 ng
RT: 3.44 min Scan# 50
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 183

Ion	Ratio	Lower	Upper
42	100		
74	114.2	130.6	196.0#
44	0.0	38.0	57.0#

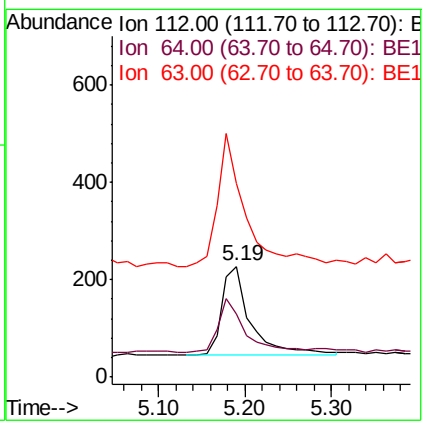


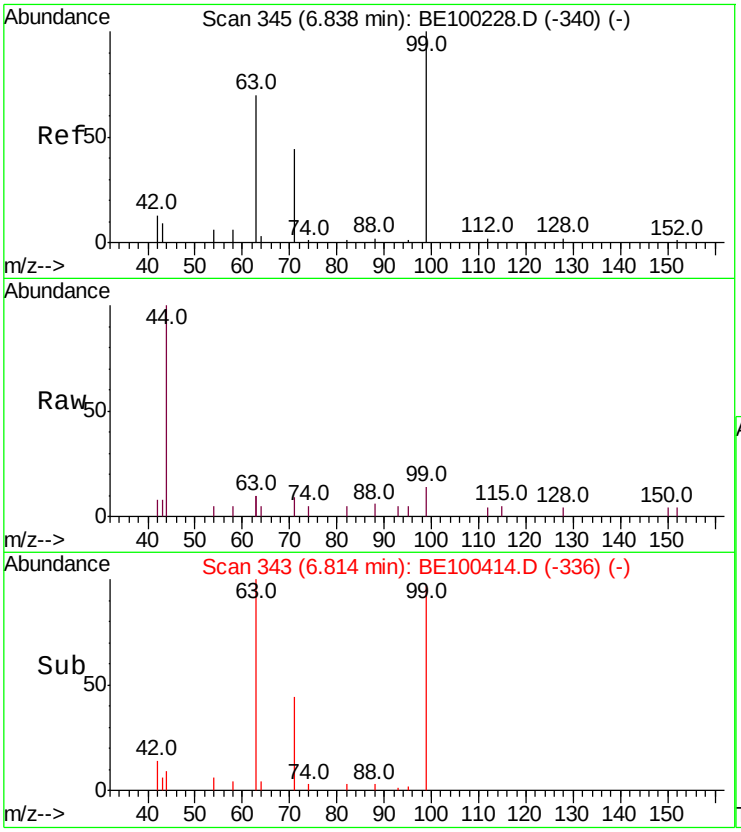


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.19 min Scan# 202
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:112 Resp: 415

Ion	Ratio	Lower	Upper
112	100		
64	57.3	39.4	59.0
63	151.6	104.5	156.7



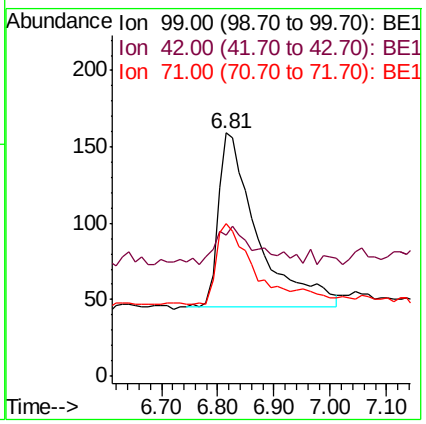


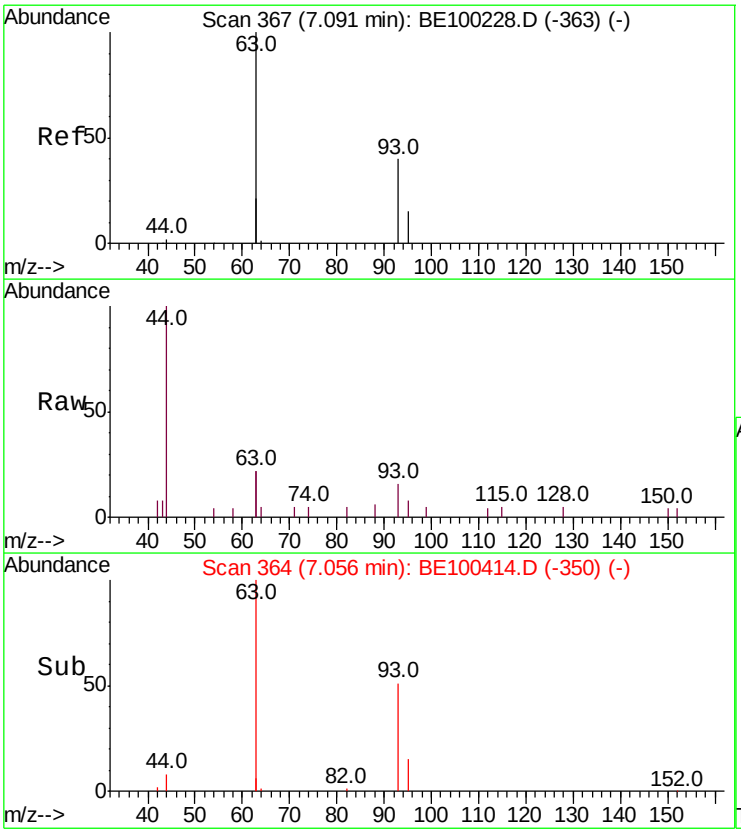
#5
Phenol-d6
Concen: 0.404 ng
RT: 6.81 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 558

Ion	Ratio	Lower	Upper
99	100		
42	22.2	11.2	16.8#
71	41.6	37.2	55.8

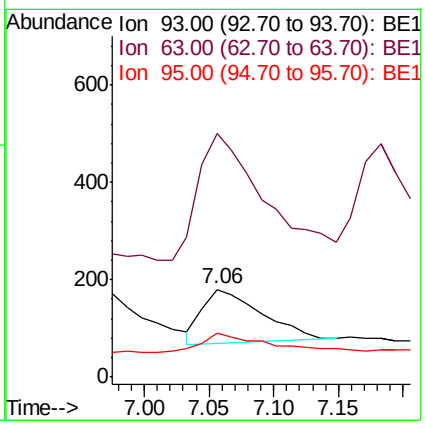


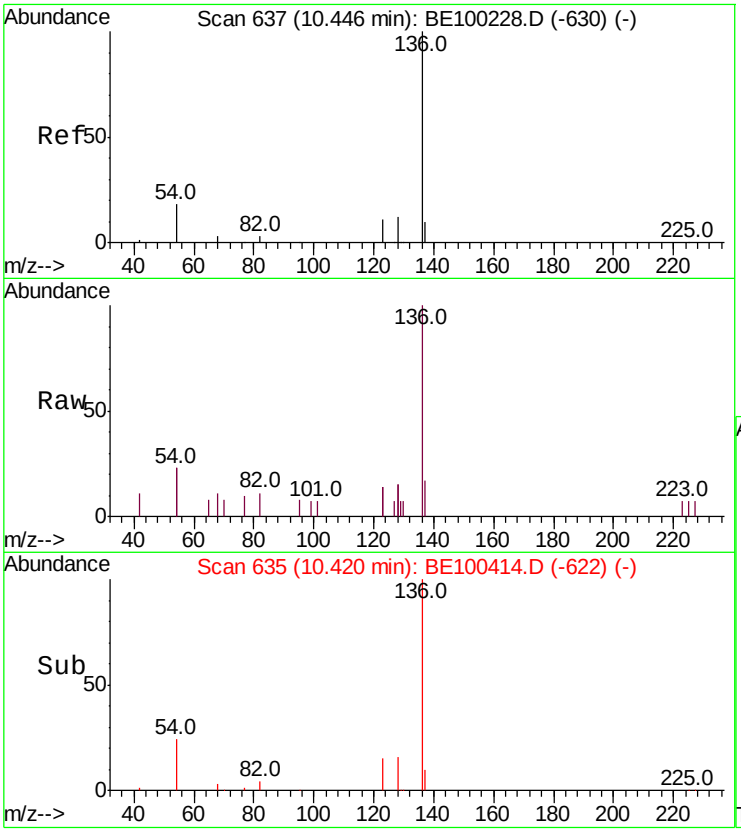


#6
bis(2-Chloroethyl)ether
Concen: 0.312 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.04 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion: 93 Resp: 354

Ion	Ratio	Lower	Upper
93	100		
63	266.4	155.6	233.4#
95	40.7	23.0	34.4#



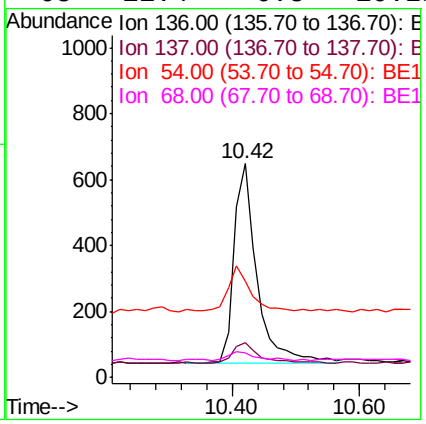


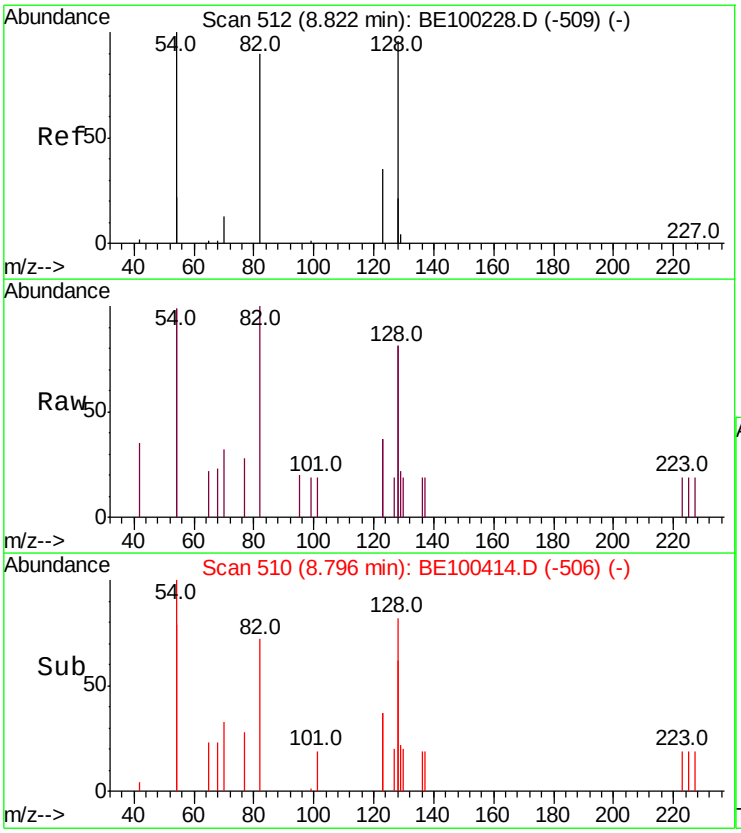
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 1499

Ion	Ratio	Lower	Upper
136	100		
137	16.5	11.8	17.8
54	45.1	27.7	41.5#
68	11.4	6.8	10.2#

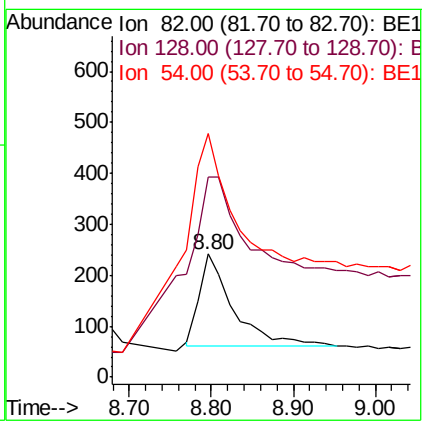


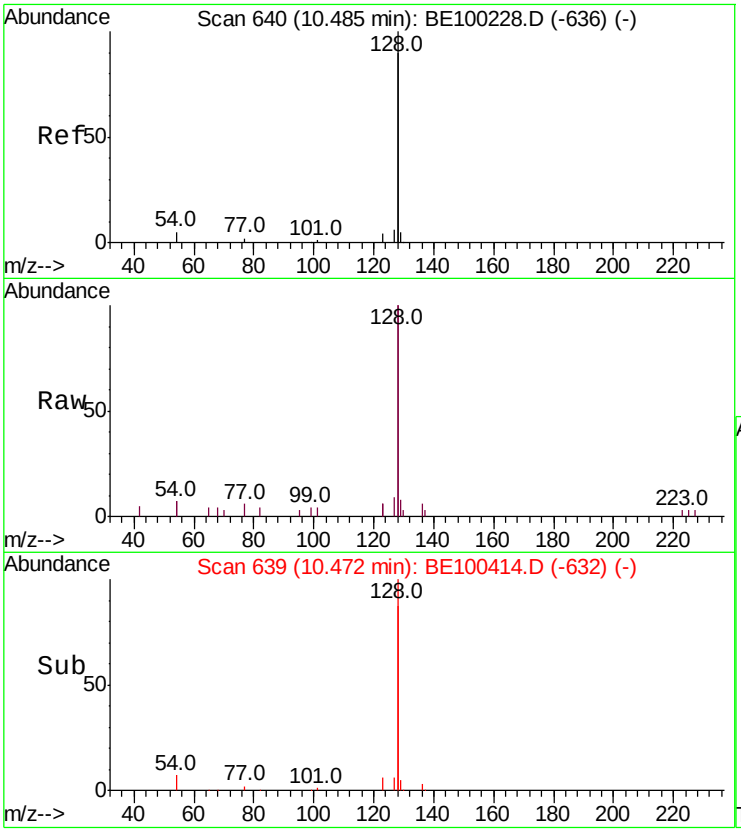


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.80 min Scan# 510
Delta R.T. -0.03 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion: 82 Resp: 522

Ion	Ratio	Lower	Upper
82	100		
128	162.8	140.9	211.3
54	197.5	146.2	219.2



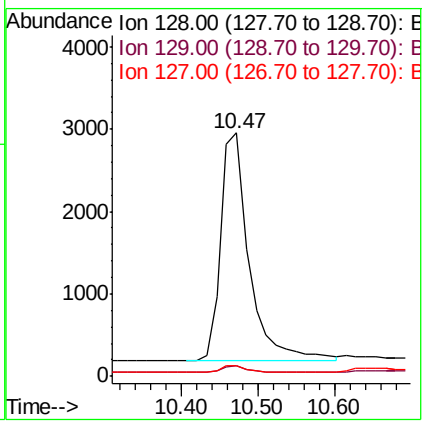


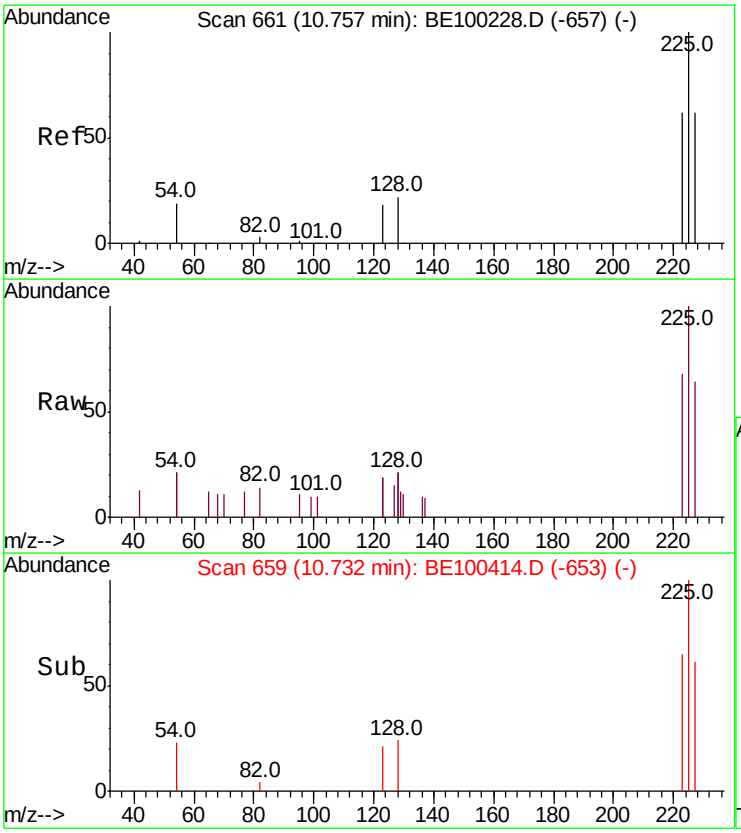
#9
Naphthalene
Concen: 0.436 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 7201

Ion	Ratio	Lower	Upper
128	100		
129	4.2	3.0	4.6
127	4.5	3.5	5.3

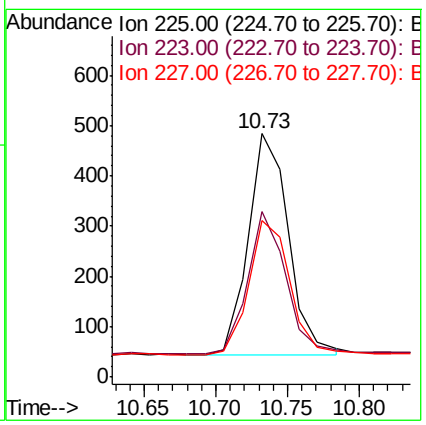


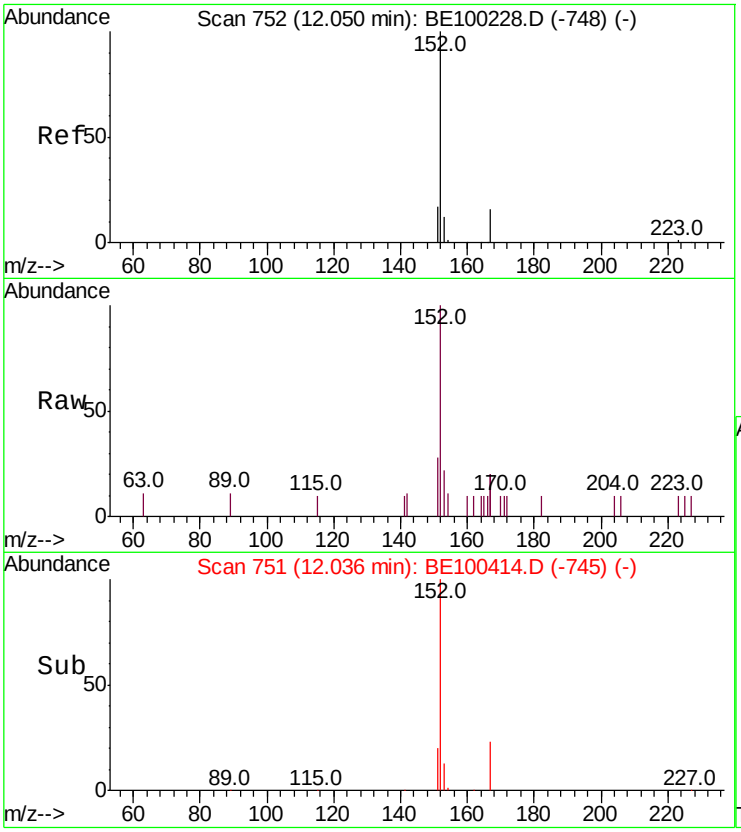


#10
Hexachlorobutadiene
Concen: 0.538 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.03 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:225 Resp: 857

Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.1	73.7
227	62.1	49.3	73.9



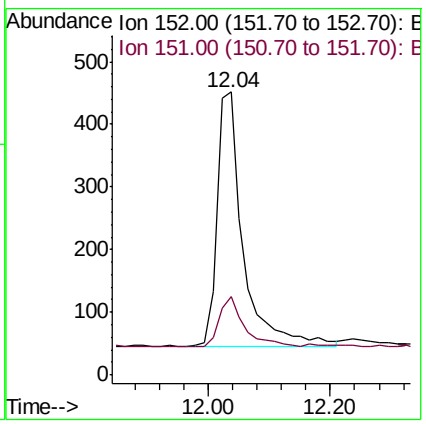


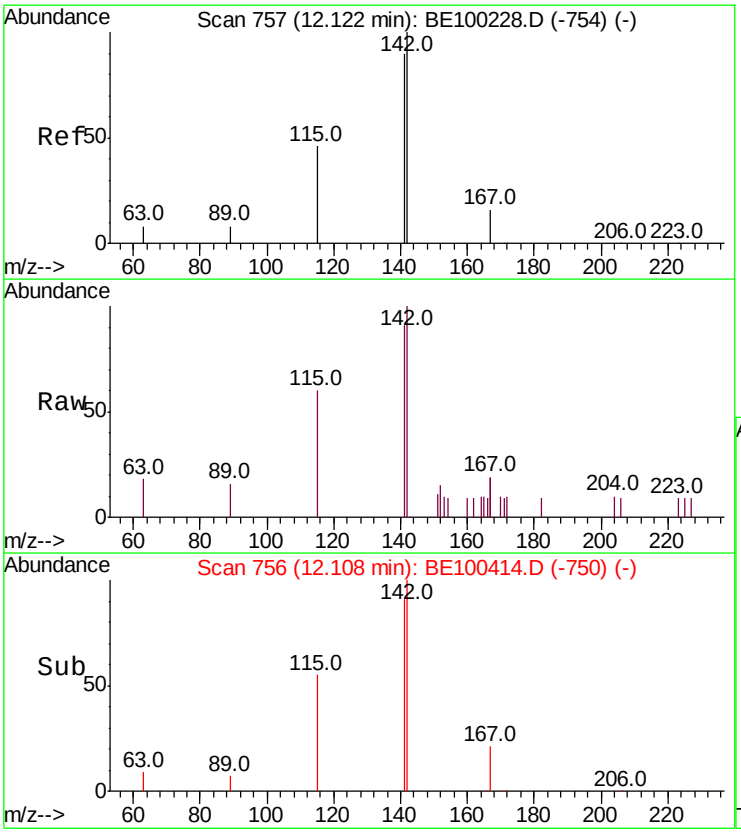
#11
2-Methylnaphthalene-d10
Concen: 0.433 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1222

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

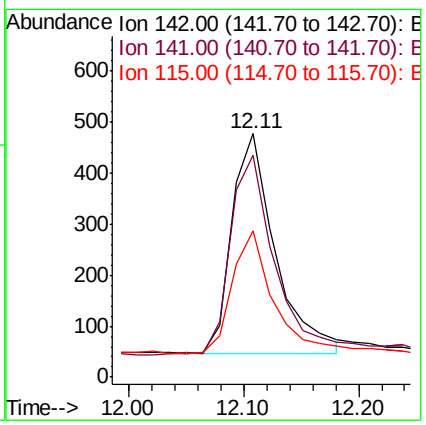


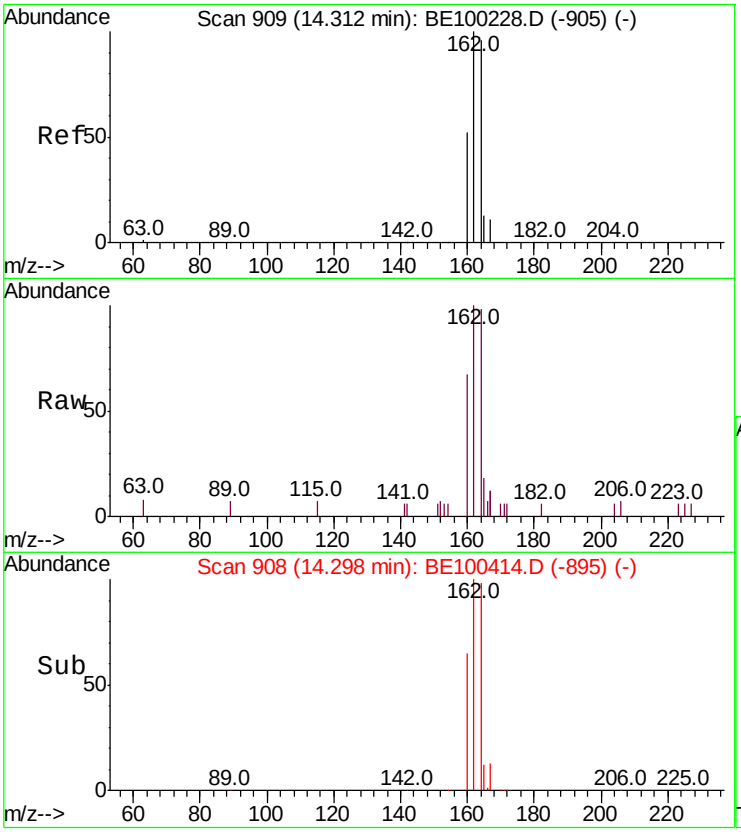


#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:142 Resp: 1136

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.4	108.6
115	60.2	40.4	60.6



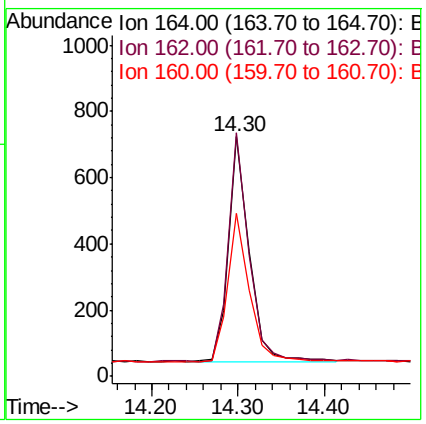


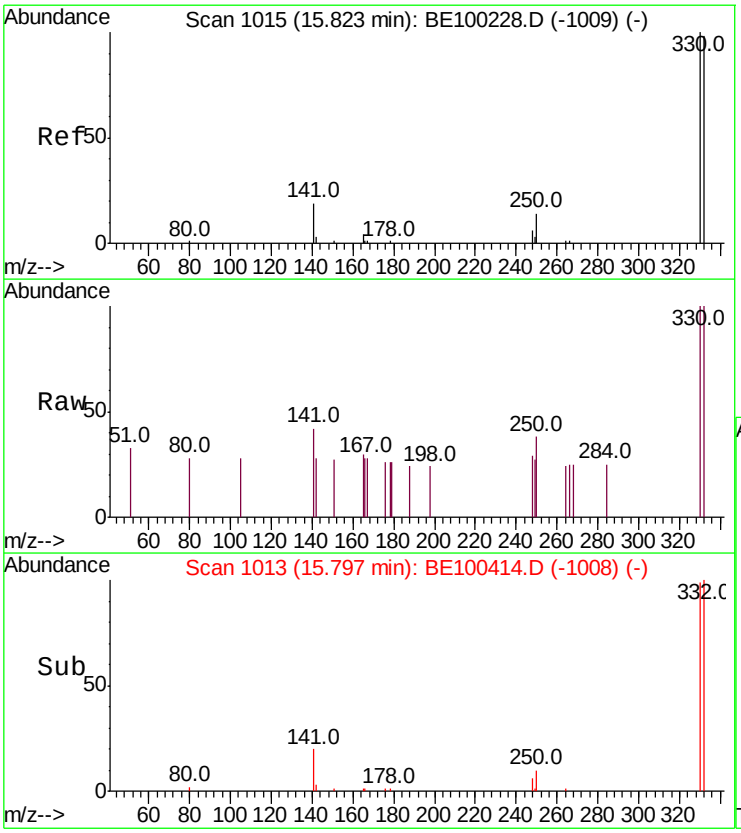
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 1132

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.4	125.0
160	68.1	45.0	67.6#

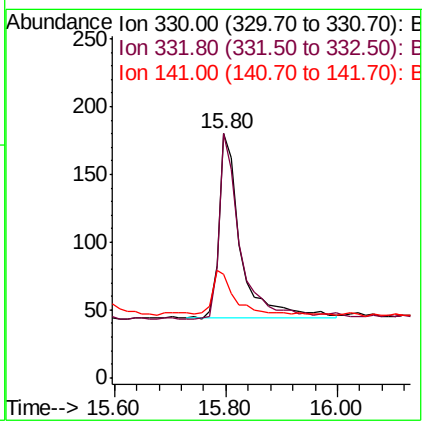


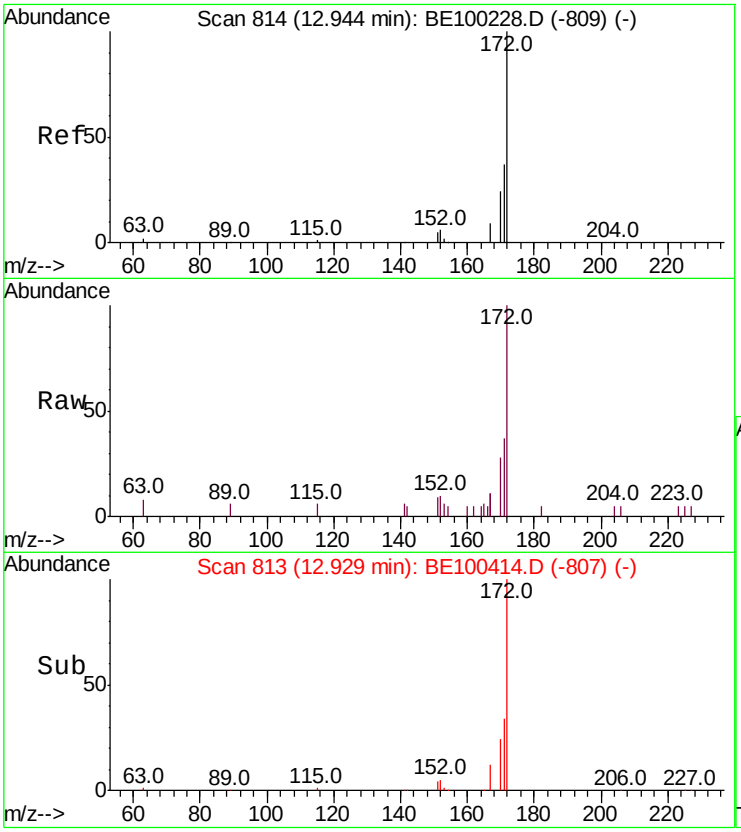


#14
2,4,6-Tribromophenol
Concen: 0.470 ng
RT: 15.80 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:330 Resp: 372

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.4
141	29.0	22.0	33.0



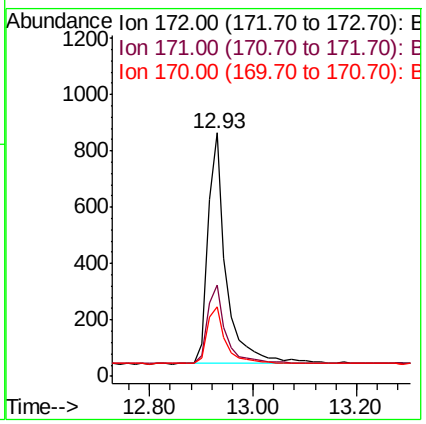


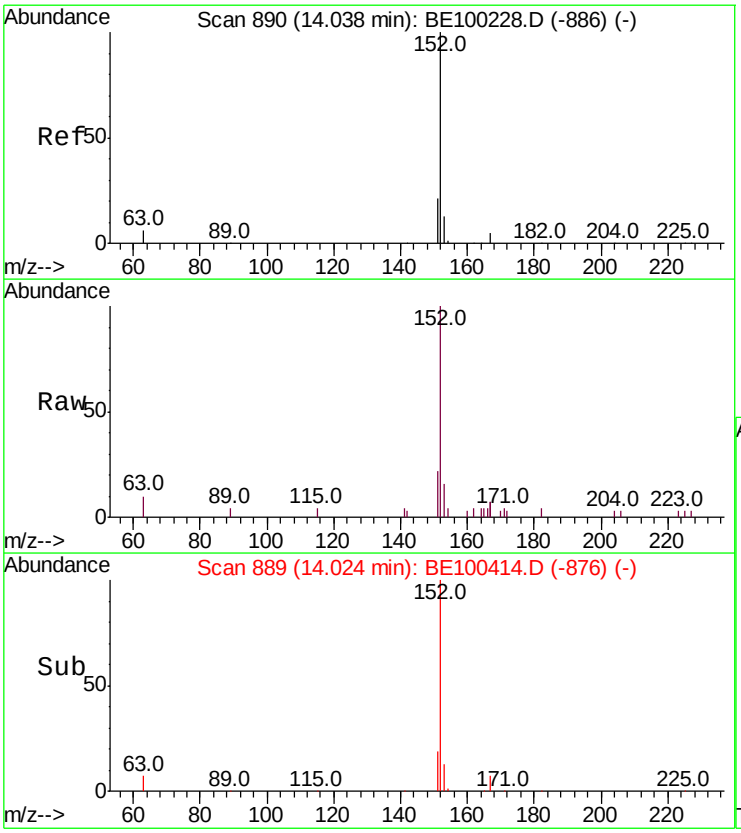
#15
2-Fluorobiphenyl
Concen: 0.460 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 2028

Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.9	47.9
170	28.4	22.2	33.2

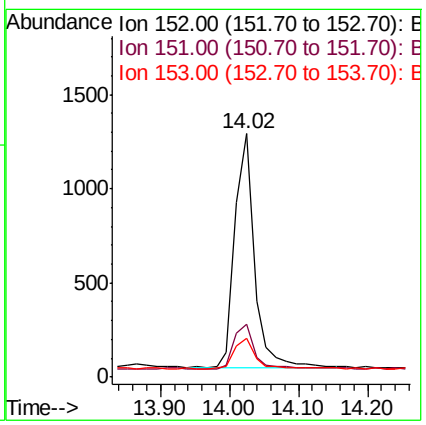


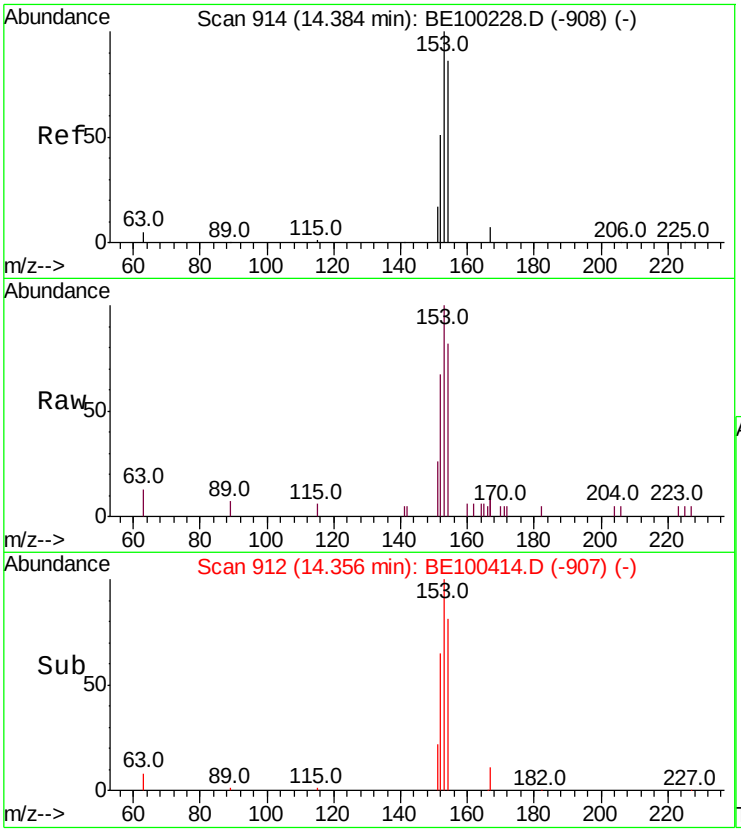


#16
Acenaphthylene
Concen: 0.449 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:152 Resp: 2438

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	25.0
153	13.7	10.5	15.7



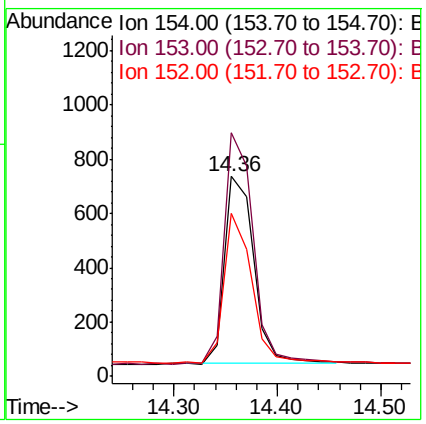


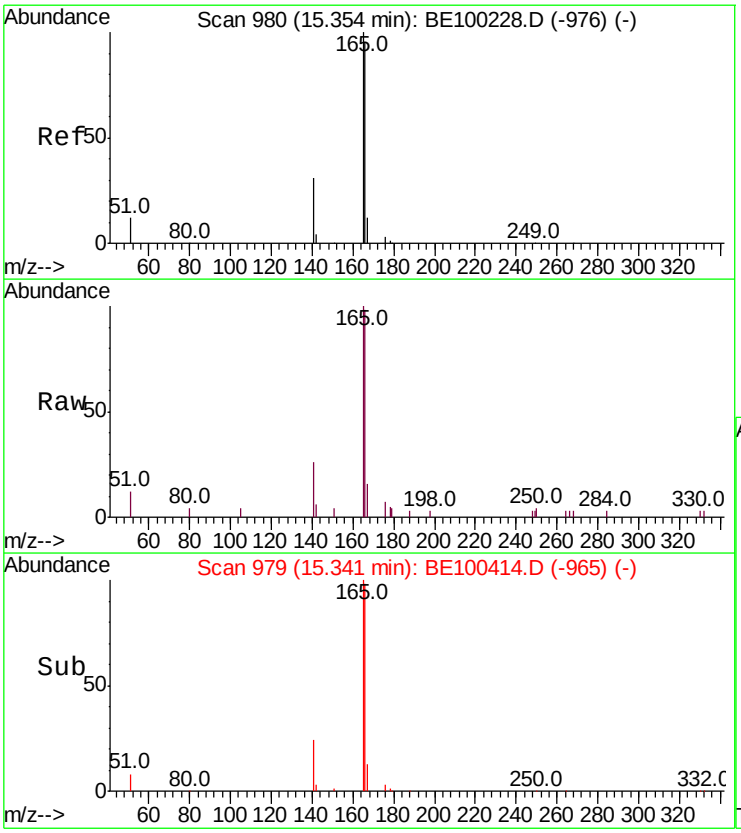
#17
Acenaphthene
Concen: 0.440 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.03 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 1354

Ion	Ratio	Lower	Upper
154	100		
153	122.7	93.4	140.2
152	75.5	49.4	74.2#

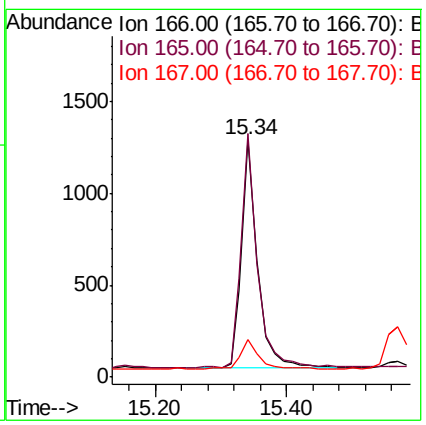


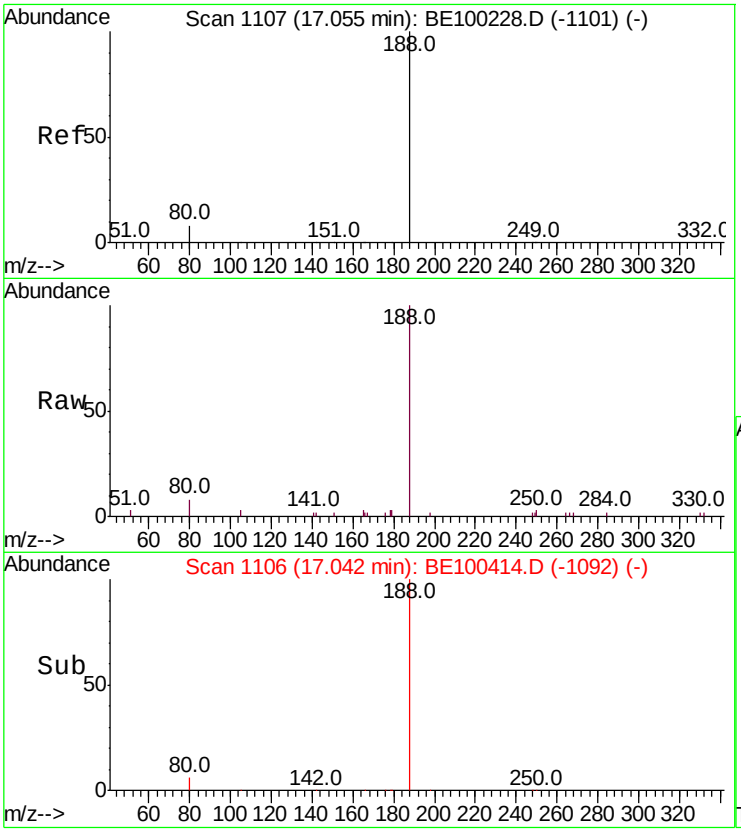


#18
Fluorene
Concen: 0.467 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:166 Resp: 2125

Ion	Ratio	Lower	Upper
166	100		
165	105.3	81.1	121.7
167	14.1	10.7	16.1



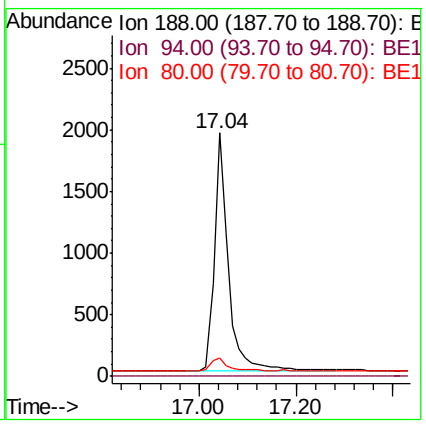


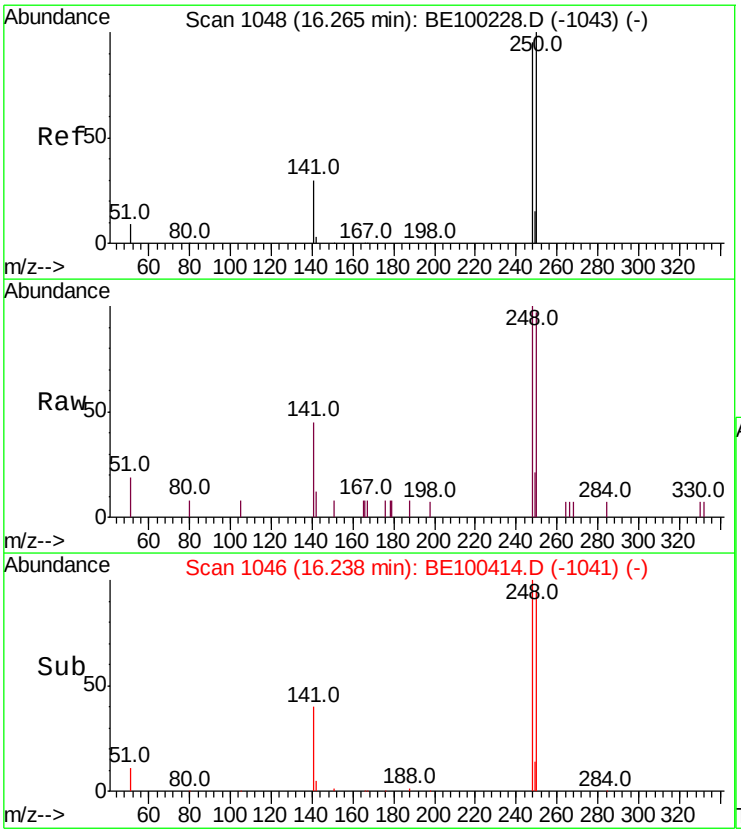
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 3841

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	7.6	11.4

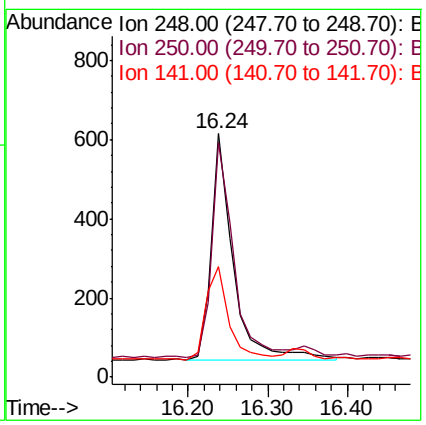


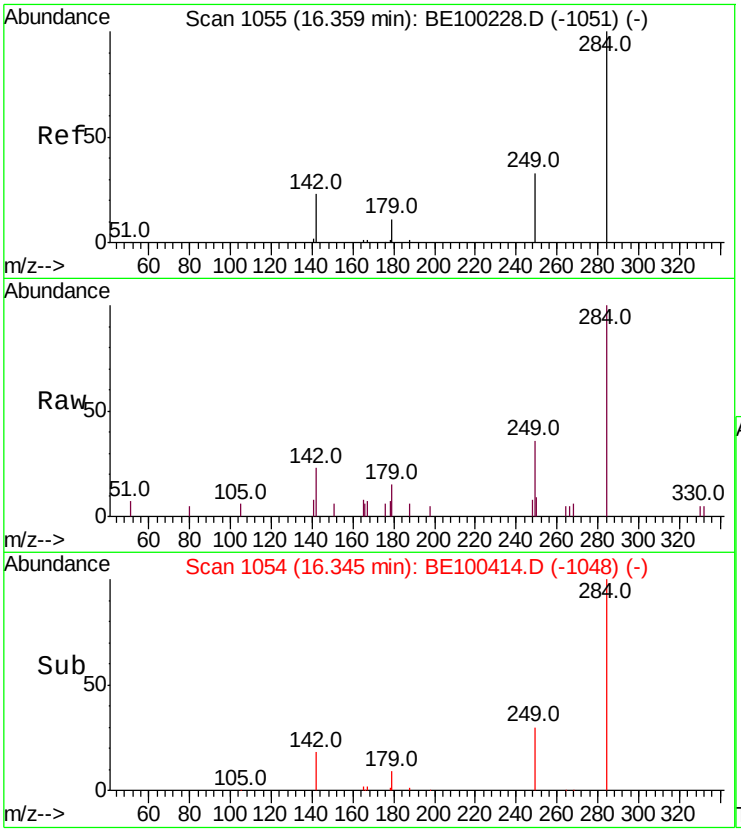


#20
4-Bromophenyl-phenylether
Concen: 0.440 ng
RT: 16.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:248 Resp: 1079

Ion	Ratio	Lower	Upper
248	100		
250	96.6	84.2	126.4
141	45.2	29.3	43.9#



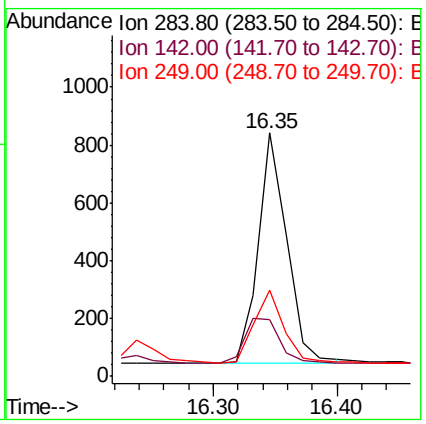


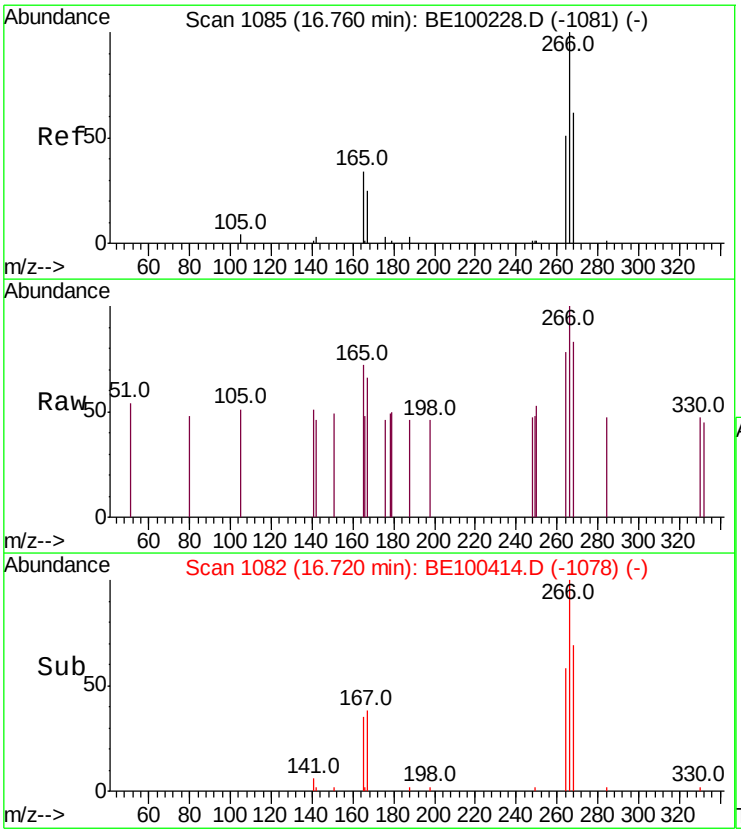
#21
Hexachlorobenzene
Concen: 0.500 ng
RT: 16.35 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1272

Ion	Ratio	Lower	Upper
284	100		
142	24.1	18.8	28.2
249	32.1	23.7	35.5

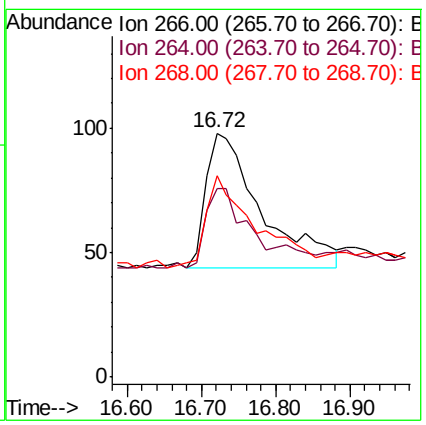


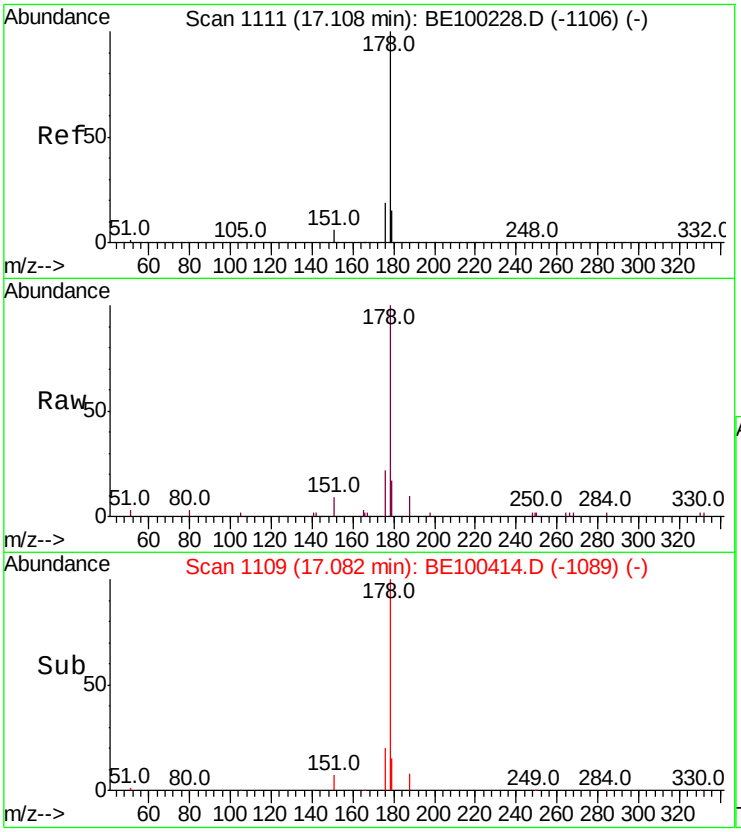


#22
Pentachlorophenol
Concen: 0.366 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:266 Resp: 280

Ion	Ratio	Lower	Upper
266	100		
264	77.6	56.2	84.2
268	82.7	61.8	92.6



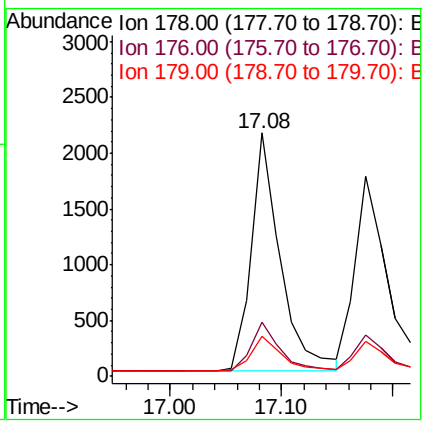


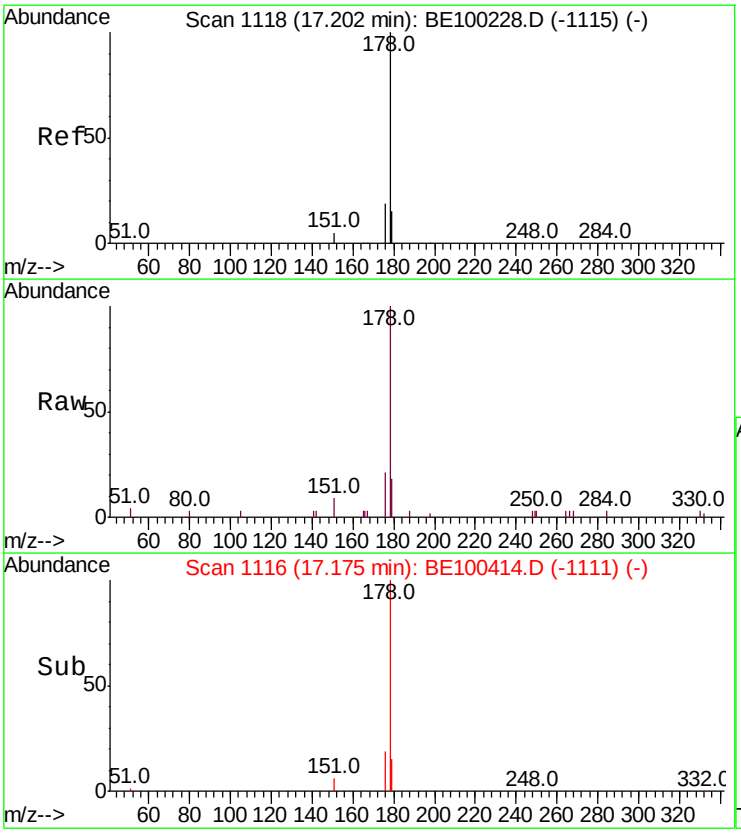
#23
Phenanthrene
Concen: 0.421 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 3915

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.9	23.9
179	15.8	12.2	18.2

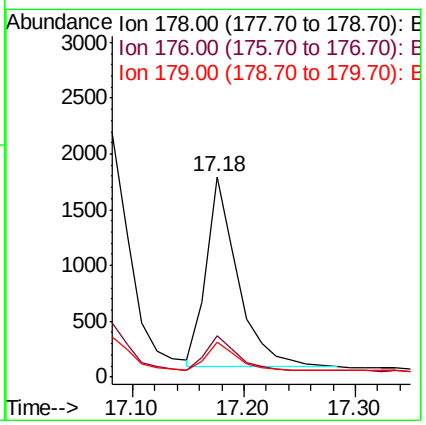


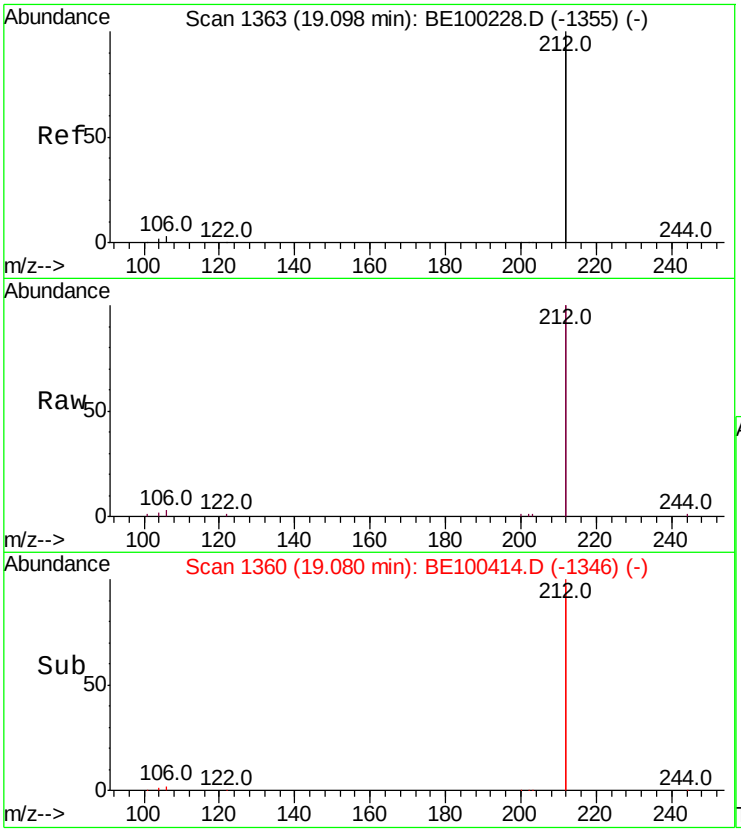


#24
Anthracene
Concen: 0.397 ng
RT: 17.18 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:178 Resp: 3326

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	14.7	12.2	18.2



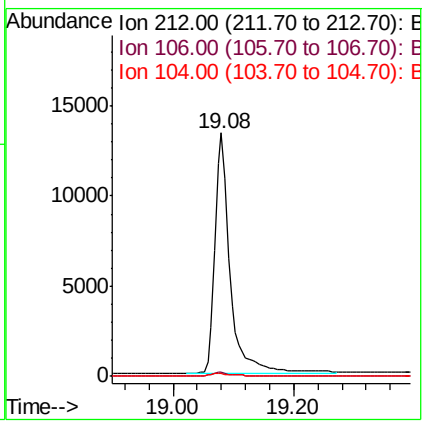


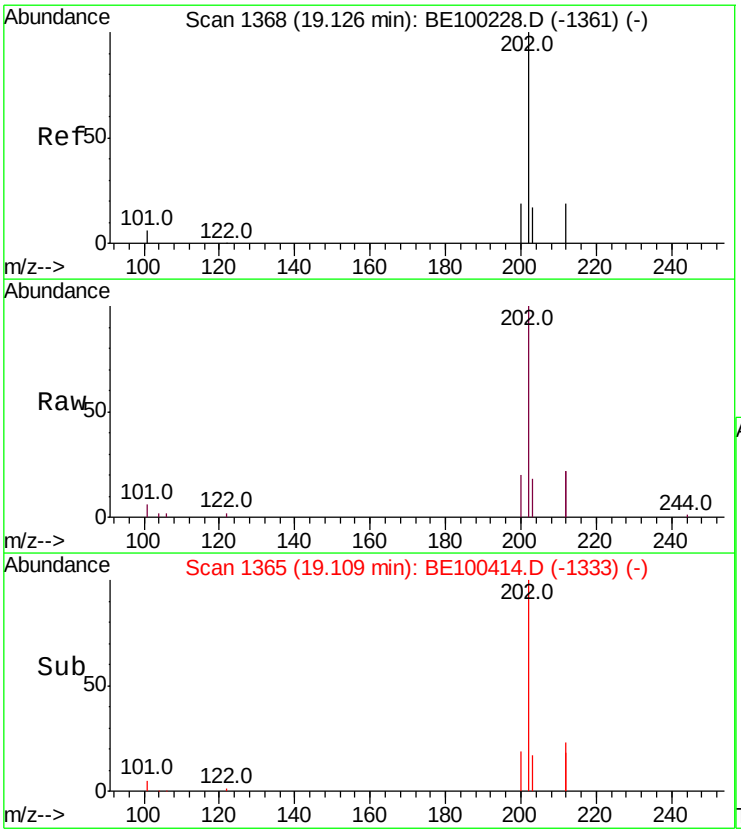
#25
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.08 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 23306

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

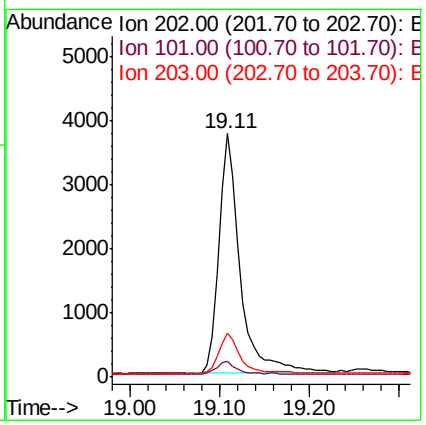


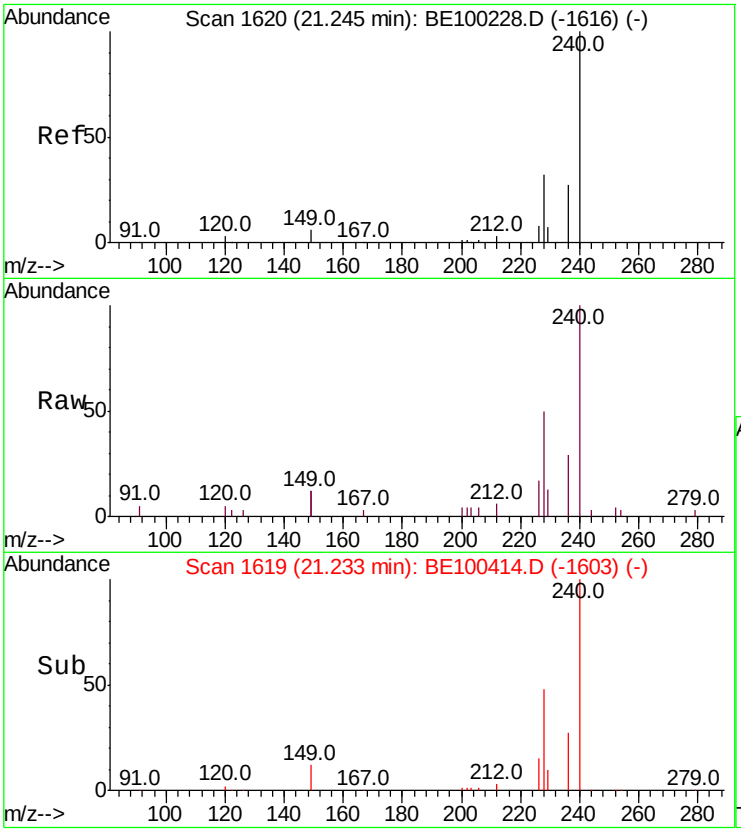


#26
Fluoranthene
Concen: 0.416 ng
RT: 19.11 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:202 Resp: 6174

Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.6	7.0
203	17.1	13.7	20.5



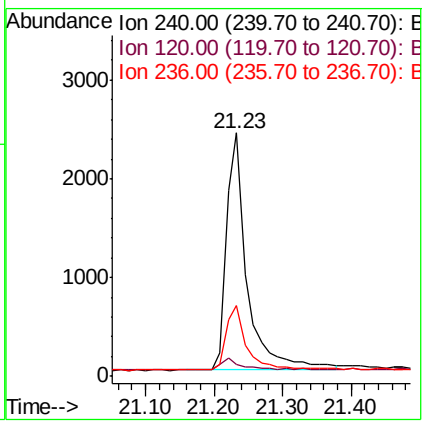


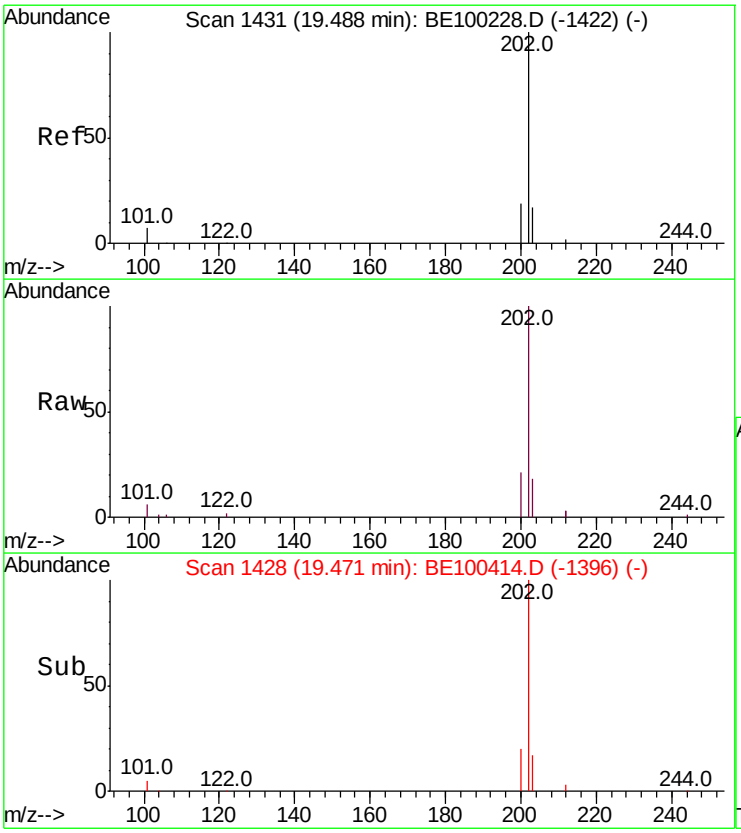
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 5026

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.3	4.9
236	28.8	22.6	34.0

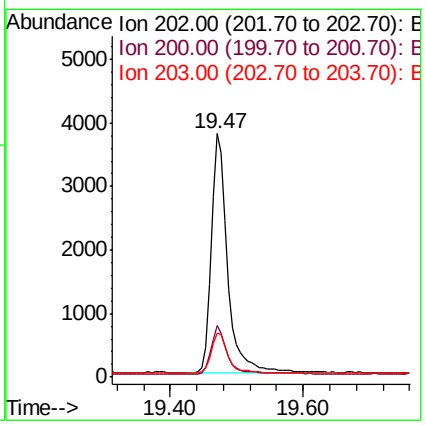


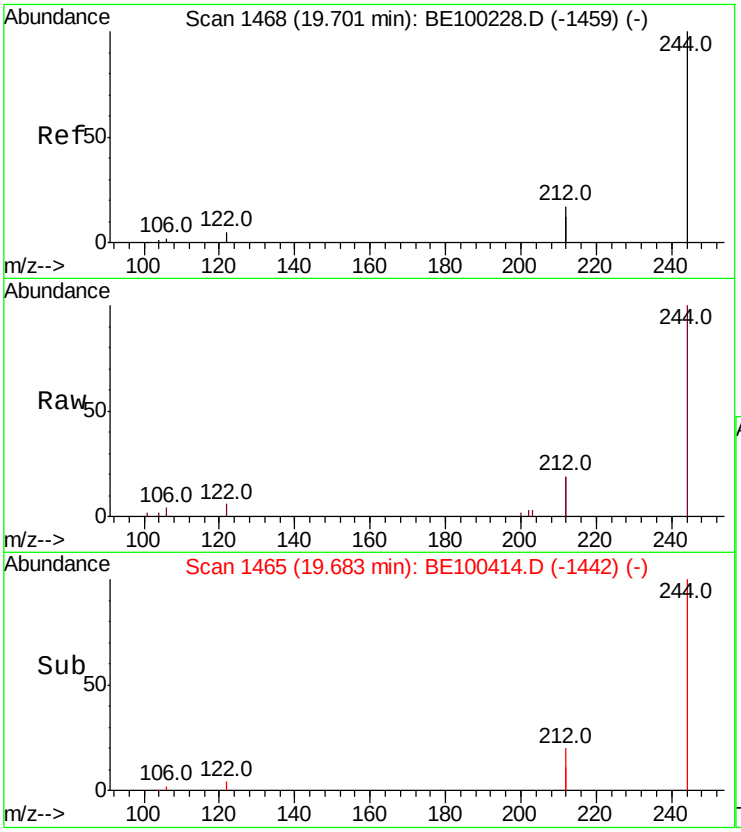


#28
Pyrene
Concen: 0.481 ng
RT: 19.47 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:202 Resp: 6405

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	18.1	14.0	21.0



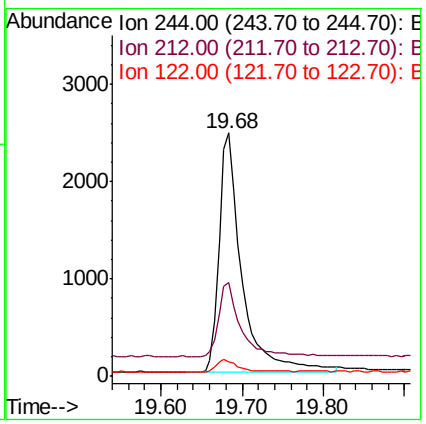


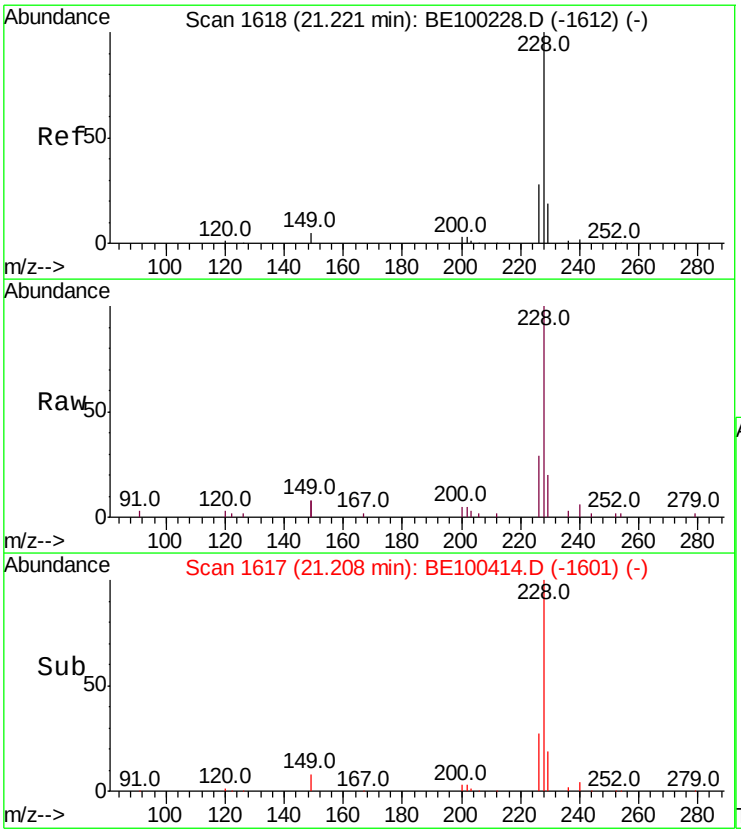
#29
Terphenyl-d14
Concen: 0.454 ng
RT: 19.68 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 4725

Ion	Ratio	Lower	Upper
244	100		
212	38.8	27.3	40.9
122	6.1	4.7	7.1

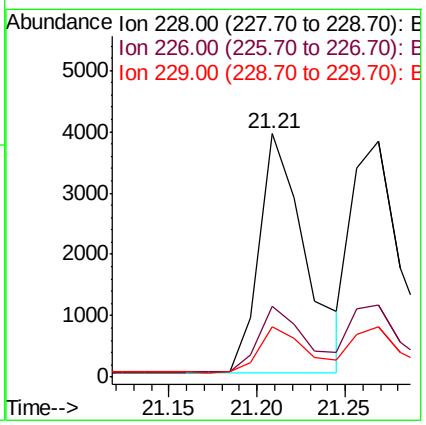


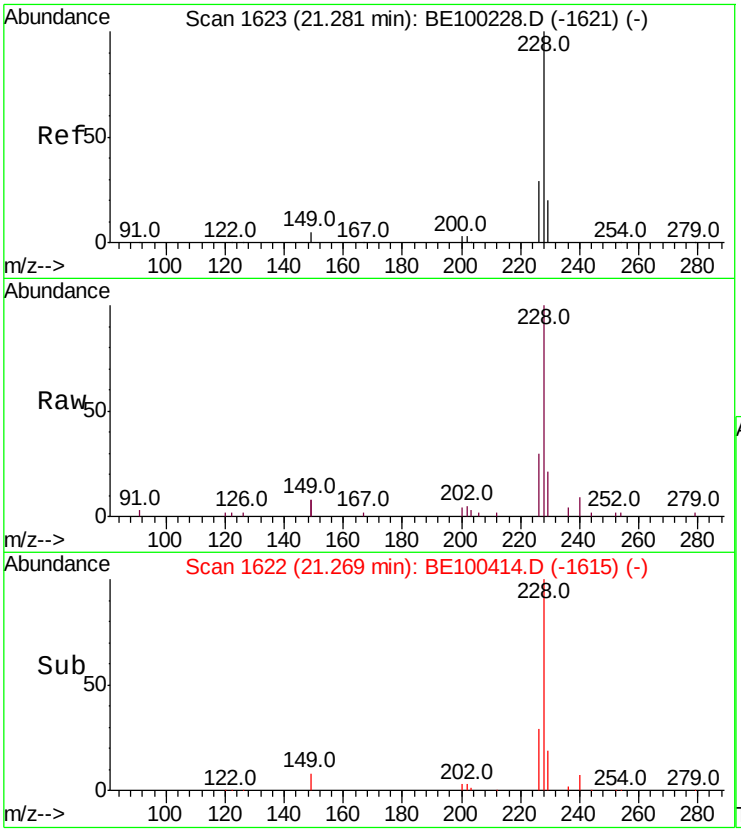


#30
Benzo(a)anthracene
Concen: 0.433 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:228 Resp: 7149

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.2	34.8
229	20.4	15.7	23.5



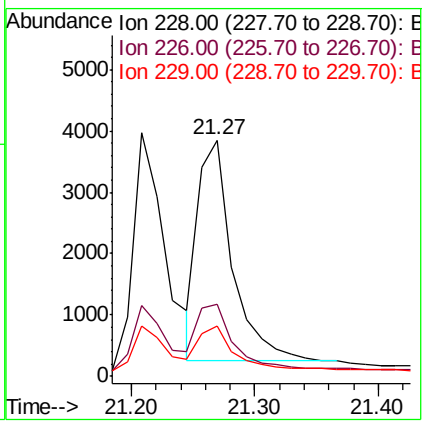


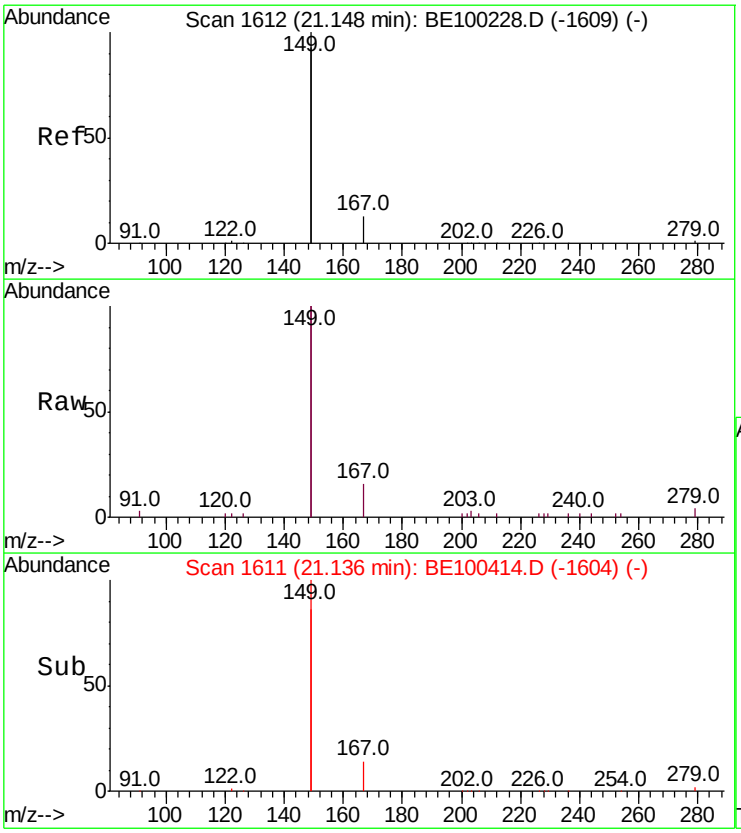
#31
Chrysene
Concen: 0.425 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 7049

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	21.1	16.5	24.7

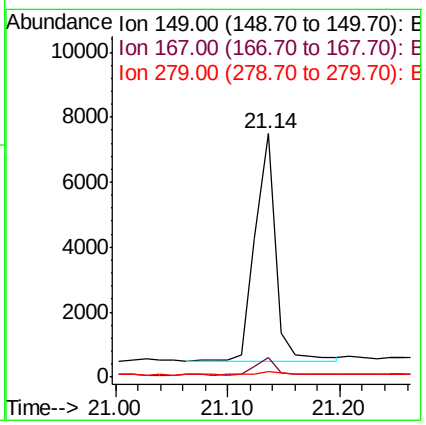


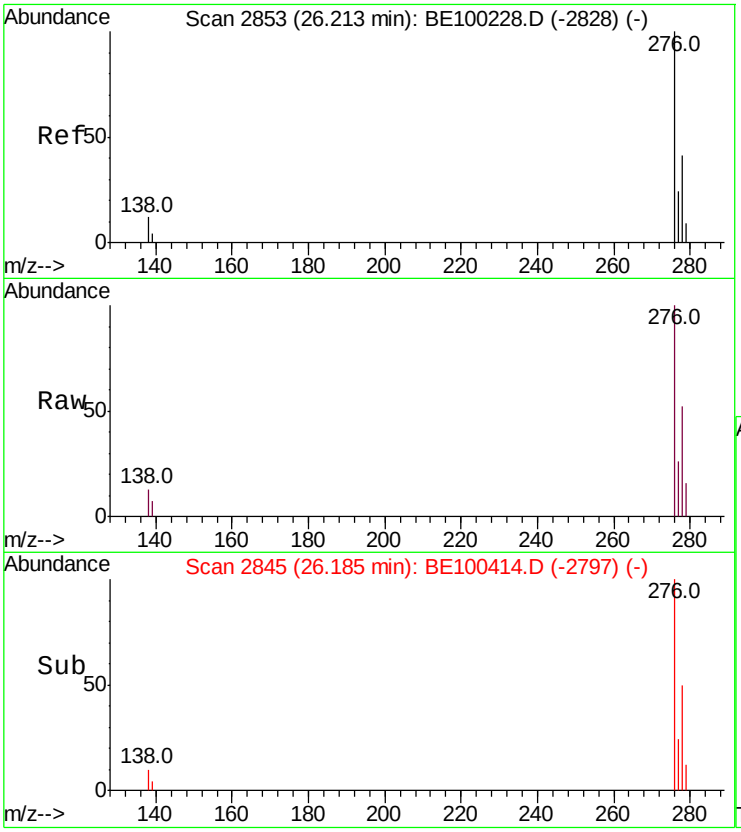


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.333 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:149 Resp: 9125

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.8	8.8
279	1.7	1.1	1.7



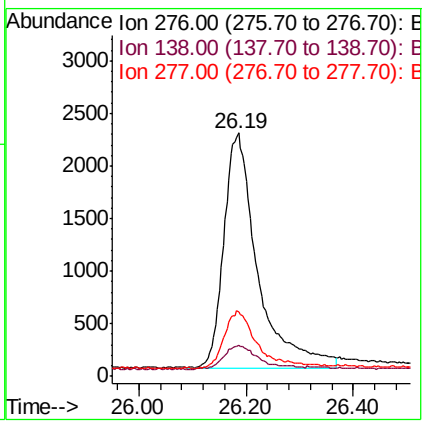


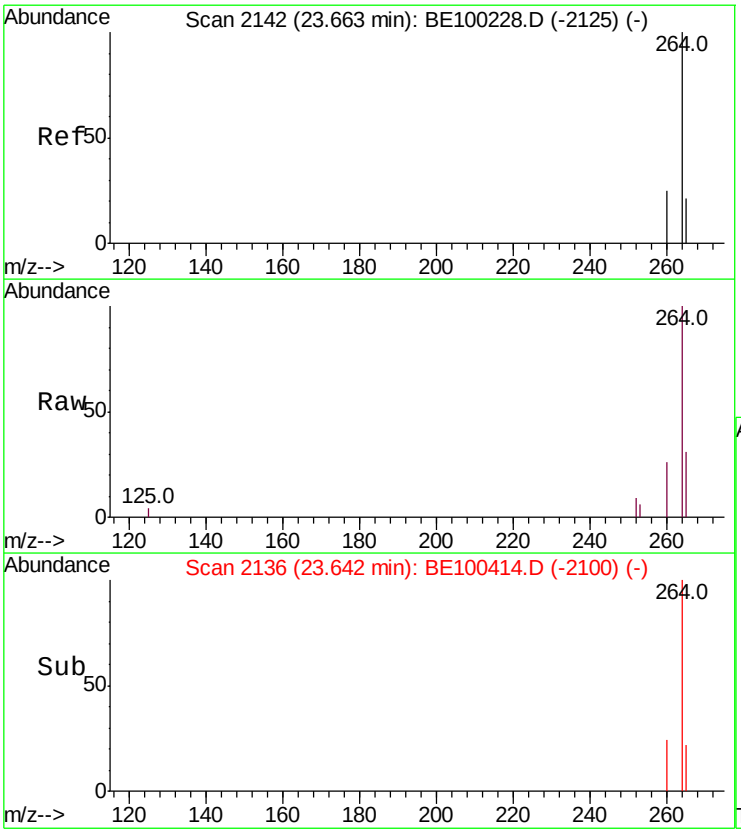
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.448 ng
RT: 26.19 min Scan# 2845
Delta R.T. -0.03 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9822

Ion	Ratio	Lower	Upper
276	100		
138	10.7	9.4	14.0
277	22.2	19.2	28.8

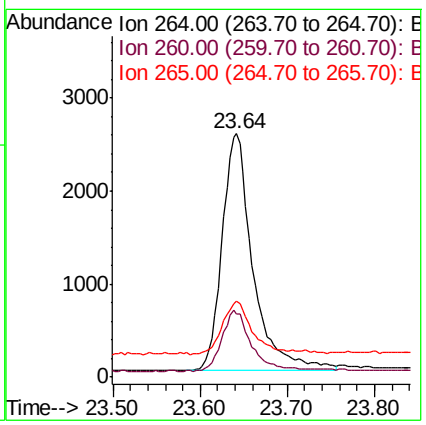


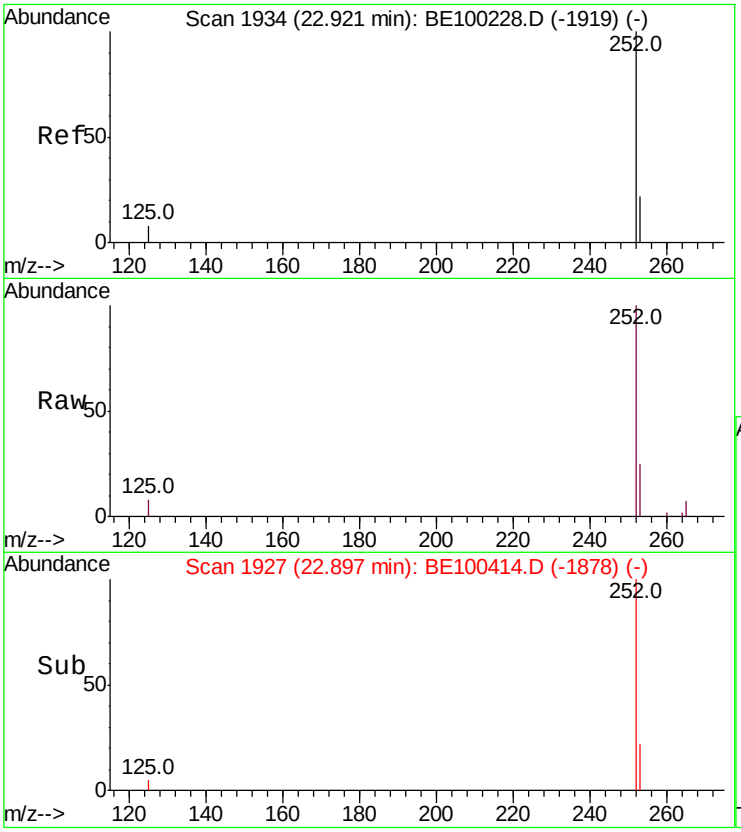


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:264 Resp: 6279

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.8	31.2
265	30.9	21.8	32.6



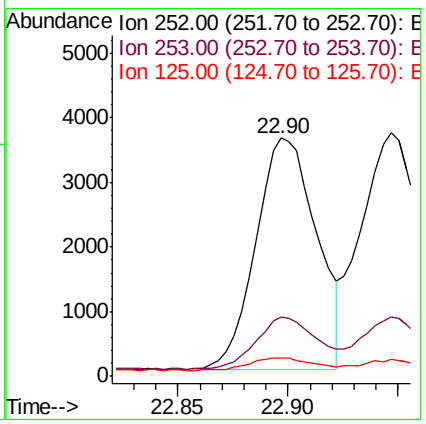


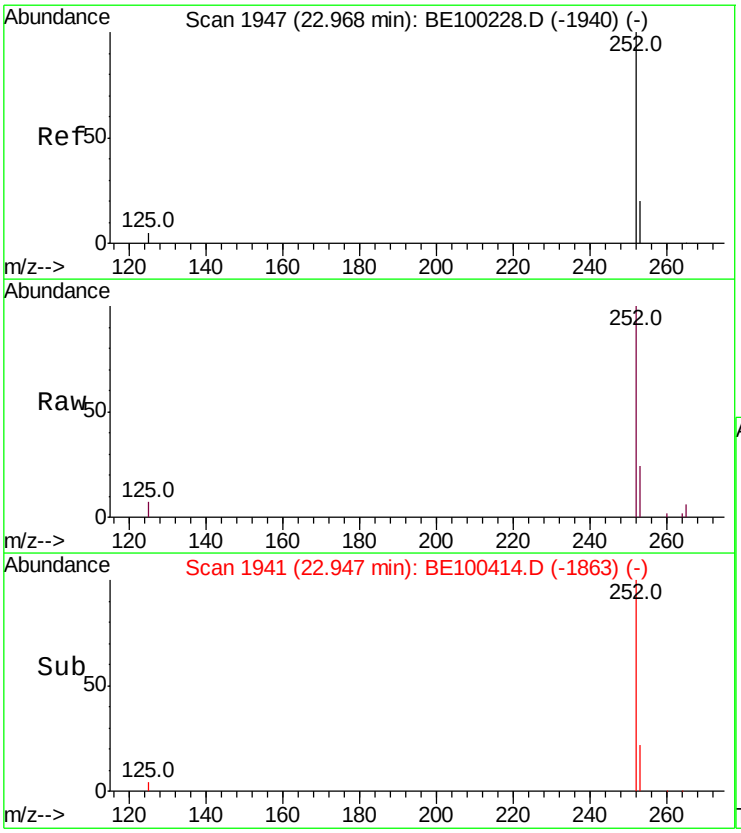
#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 22.90 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 6868

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.2	28.8
125	7.7	7.4	11.0

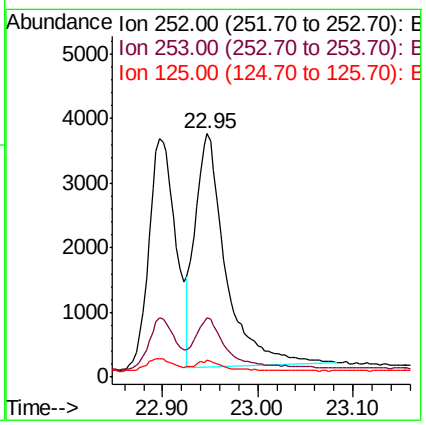


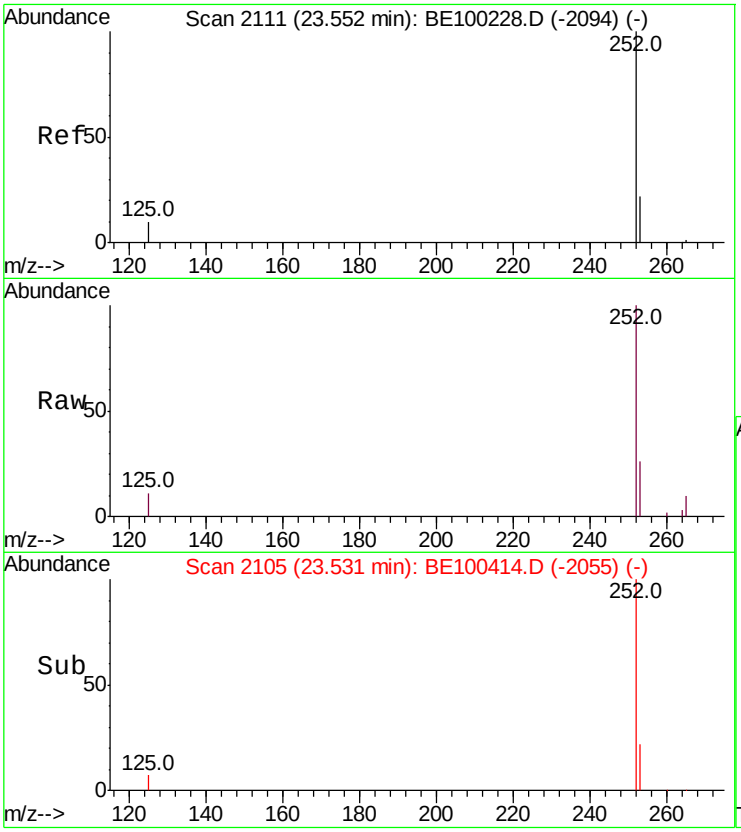


#36
Benzo(k)fluoranthene
Concen: 0.426 ng
RT: 22.95 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:252 Resp: 8089

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	6.8	5.0	7.4



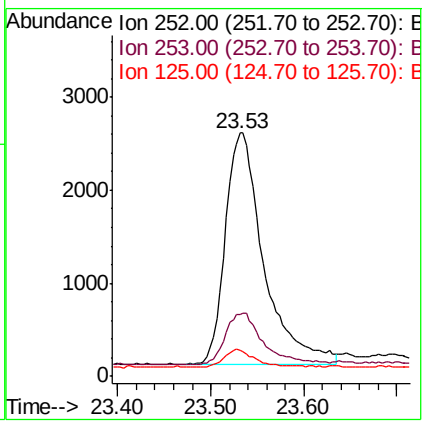


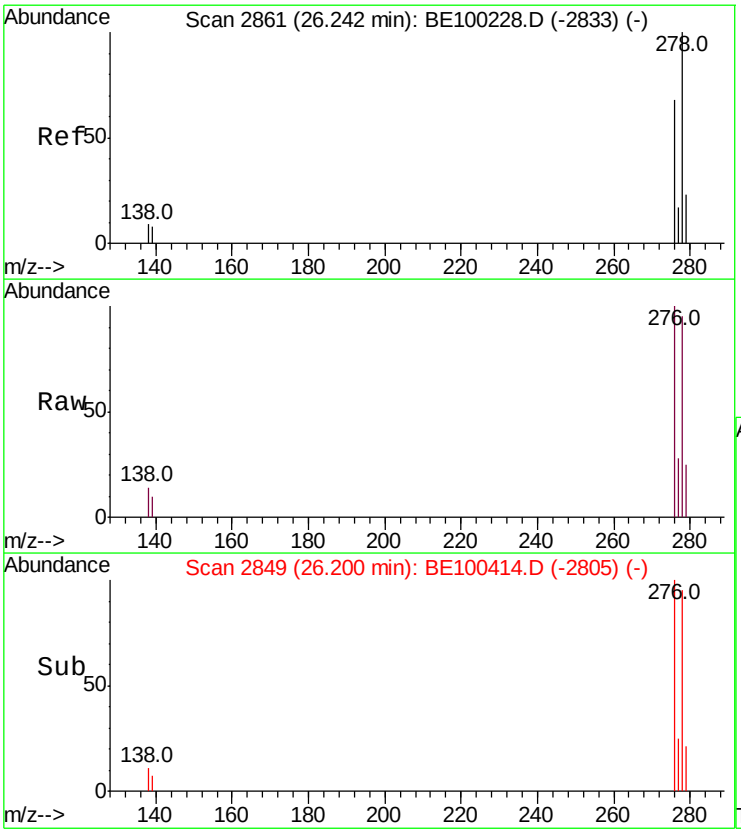
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.53 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 7178

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.6	29.4
125	10.8	9.0	13.6

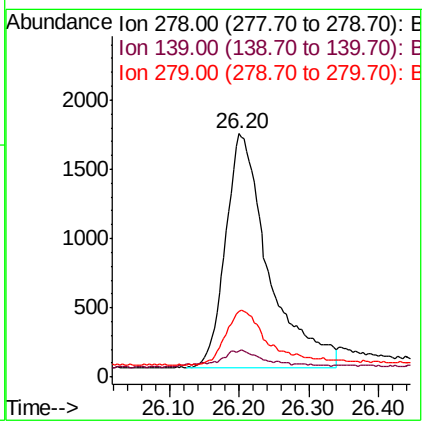


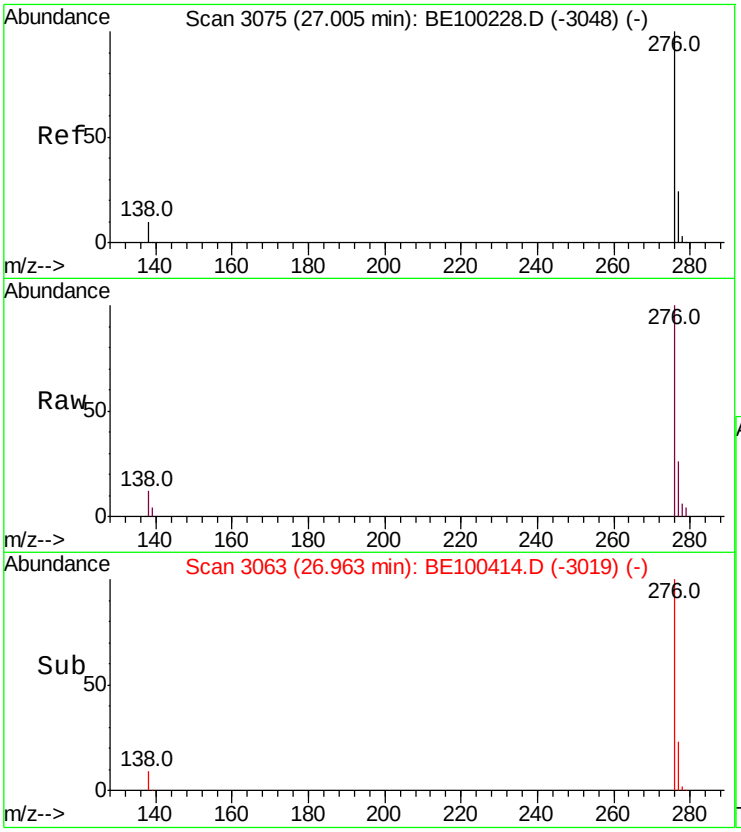


#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 26.20 min Scan# 2849
Delta R.T. -0.04 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Tgt Ion:278 Resp: 7224

Ion	Ratio	Lower	Upper
278	100		
139	10.7	8.2	12.2
279	26.7	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 0.465 ng
RT: 26.96 min Scan# 3063
Delta R.T. -0.04 min
Lab File: BE100414.D
Acq: 8 Jul 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 8521

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.2	30.2
138	12.2	9.0	13.6