Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100067.D
Acq On : 17 Jun 2019 17:25
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE061719

Quant Time: Jun 17 18:06:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 17:23:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	610	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	2158	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1701	0.40	ng	0.02
19) Phenanthrene-d10	17.21	188	5235	0.40	ng	0.01
27) Chrysene-d12	21.40	240	7517	0.40	ng	0.01
34) Perylene-d12	23.93	264	8970	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	609	0.37	ng	0.01
5) Phenol-d6	6.99	99	788	0.40	ng	0.02
8) Nitrobenzene-d5	8.99	82	749	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1614	0.41	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	374	0.36	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2650	0.40	ng	0.02
25) Fluoranthene-d10	19.25	212	28376	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	5432	0.43	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	399	0.375	ng	# 86
3) n-Nitrosodimethylamine	3.64	42	113	0.442	ng	# 100
6) bis(2-Chloroethyl)ether	7.24	93	657	0.427	ng	88
9) Naphthalene	10.65	128	9807	0.411	ng	99
10) Hexachlorobutadiene	10.93	225	873	0.426	ng	98
12) 2-Methylnaphthalene	12.30	142	1523	0.407	ng	96
16) Acenaphthylene	14.20	152	3394	0.398	ng	99
17) Acenaphthene	14.53	154	1842	0.400	ng	97
18) Fluorene	15.51	166	2643	0.385	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1233	0.391	ng	92
21) Hexachlorobenzene	16.52	284	1306	0.404	ng	98
22) Pentachlorophenol	16.92	266	250	0.355	ng	97
23) Phenanthrene	17.25	178	4941	0.387	ng	98
24) Anthracene	17.35	178	4135	0.369	ng	99
26) Fluoranthene	19.28	202	8194	0.390	ng	99
28) Pyrene	19.64	202	8395	0.449	ng	100
30) Benzo(a)anthracene	21.38	228	9660	0.446	ng	99
31) Chrysene	21.44	228	10649	0.436	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	10946	0.363	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	12664	0.439	ng	99
35) Benzo(b)fluoranthene	23.15	252	10336	0.400	ng	99
36) Benzo(k)fluoranthene	23.20	252	11535	0.412	ng	100
37) Benzo(a)pyrene	23.81	252	10518	0.410	ng	99
38) Dibenzo(a,h)anthracene	26.64	278	9771	0.391	ng	100
39) Benzo(g,h,i)perylene	27.43	276	10794	0.408	ng	99

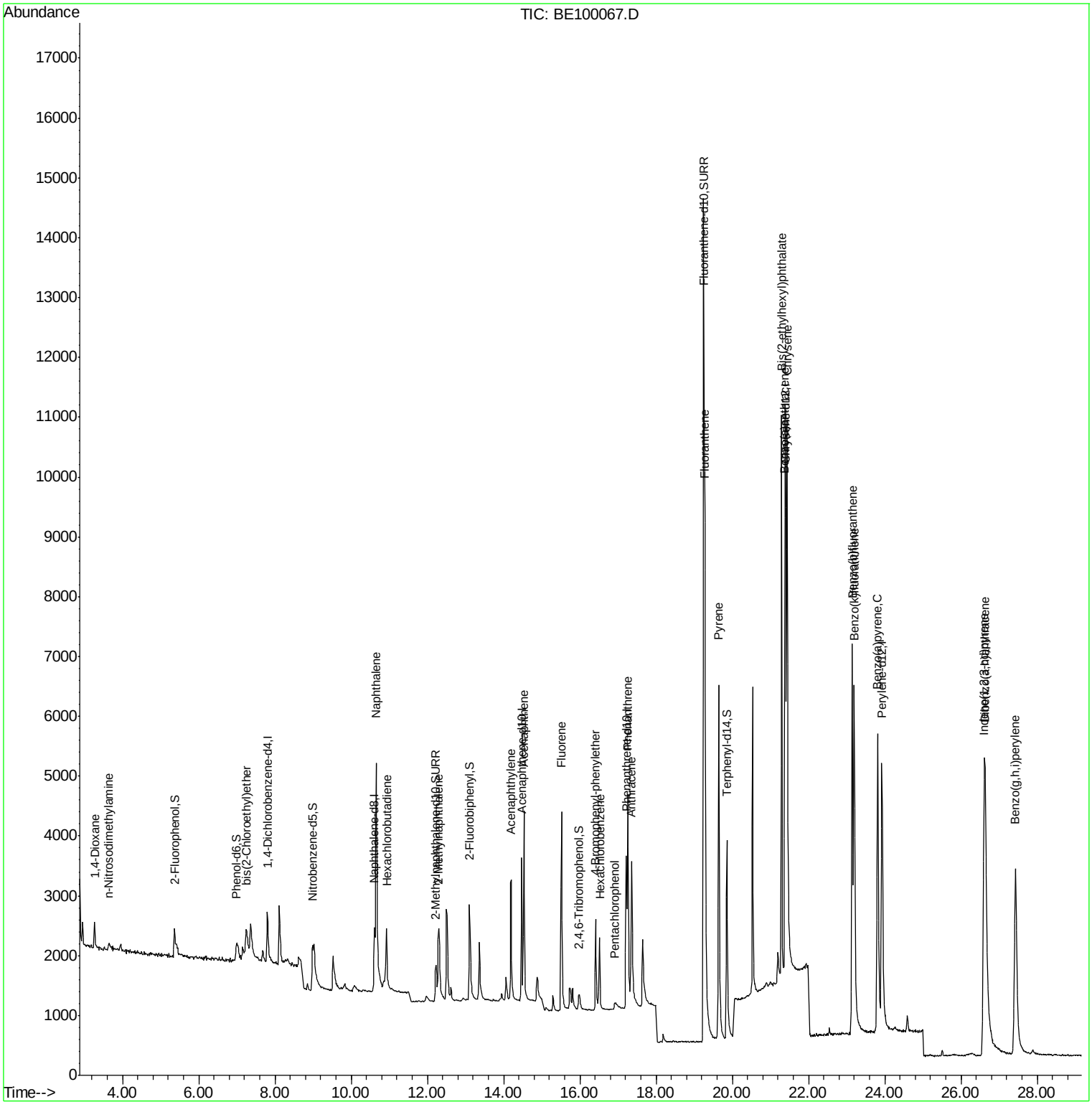
(#) = qualifier out of range (m) = manual integration (+) = signals summed

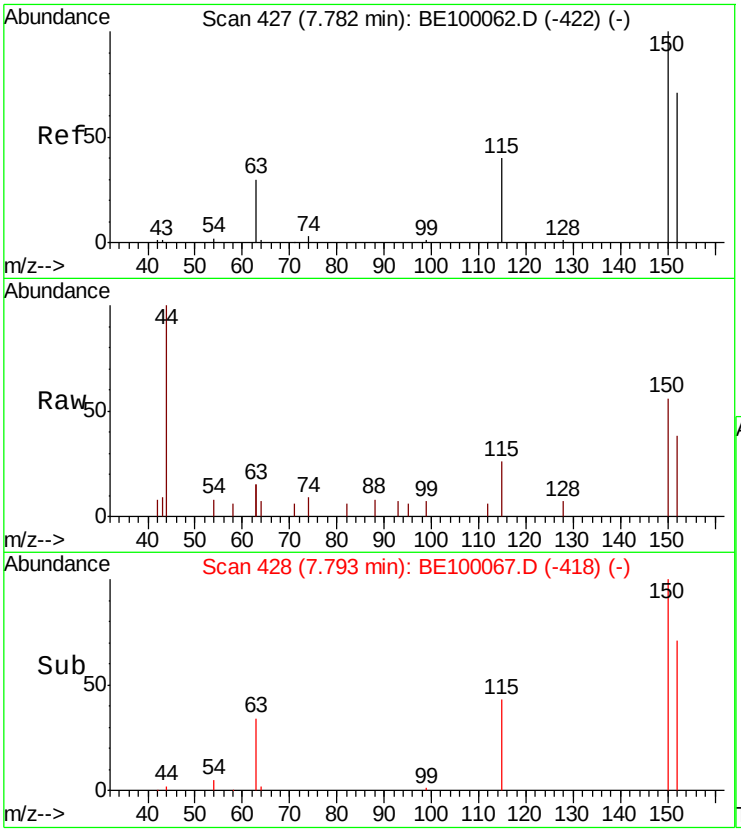
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100067.D
Acq On : 17 Jun 2019 17:25
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Quant Time: Jun 17 18:06:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 17:23:36 2019
Response via : Initial Calibration



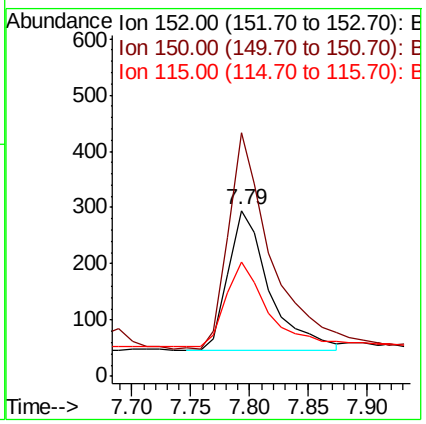


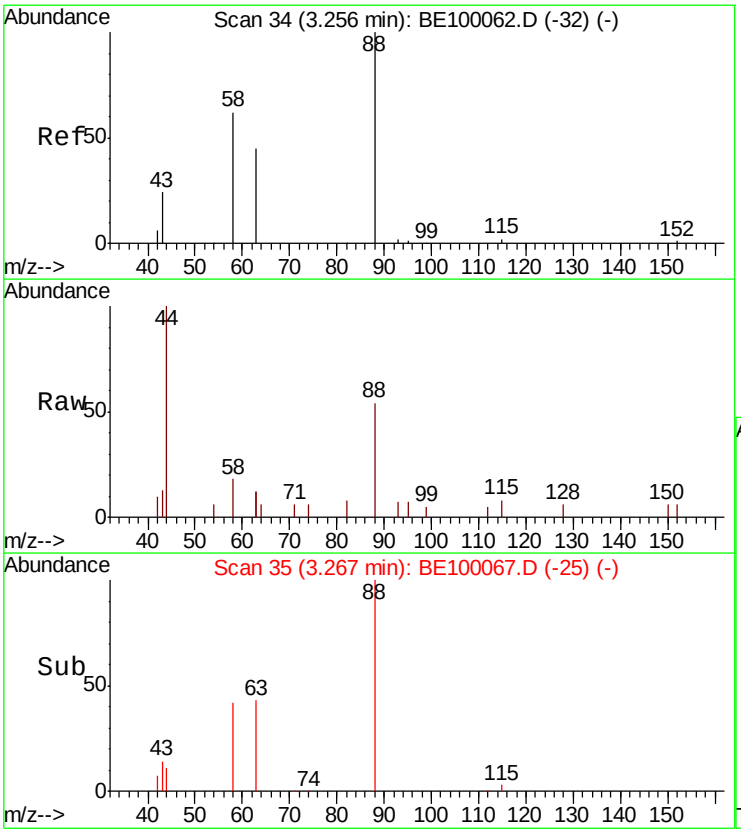
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:152 Resp: 610

Ion	Ratio	Lower	Upper
152	100		
150	146.8	109.5	164.3
115	69.2	52.6	78.8

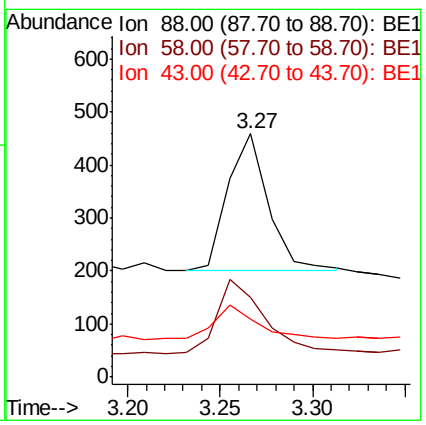


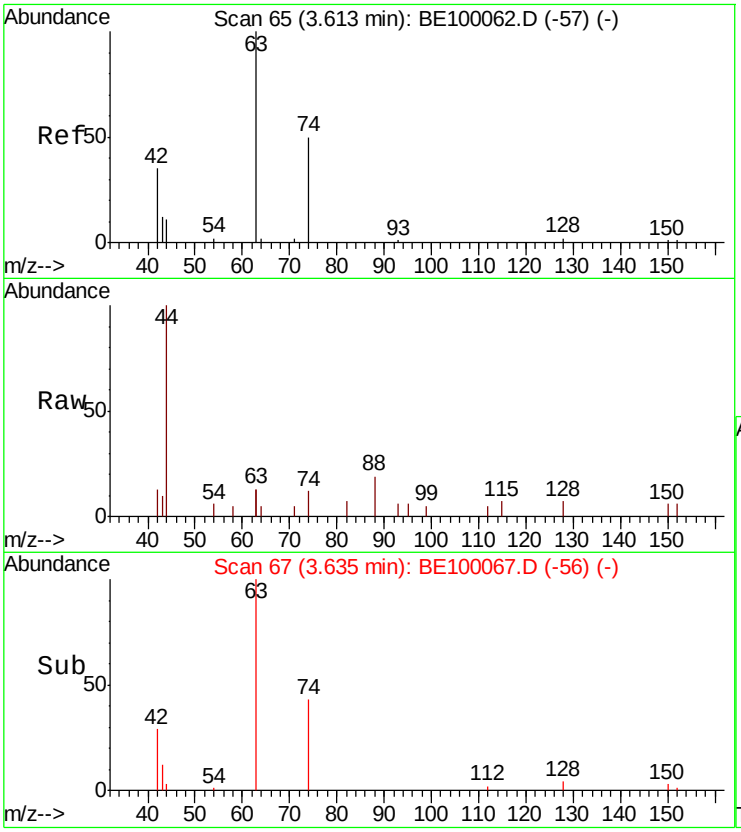


#2
1,4-Dioxane
Concen: 0.375 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion: 88 Resp: 399

Ion	Ratio	Lower	Upper
88	100		
58	61.4	41.9	62.9
43	28.3	15.8	23.8#



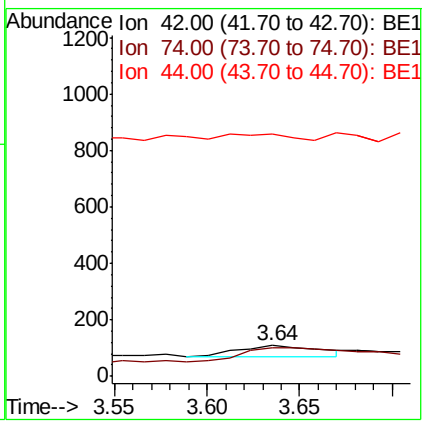


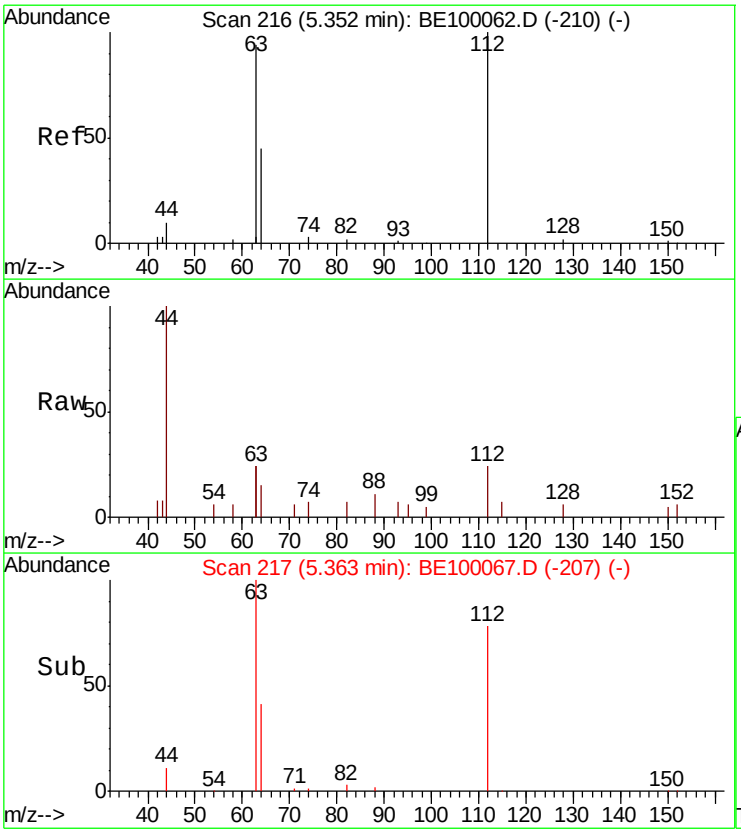
#3
n-Nitrosodimethylamine
Concen: 0.442 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion: 42 Resp: 113

Ion	Ratio	Lower	Upper
42	100		
74	142.5	0.0	0.0#
44	0.0	0.0	0.0

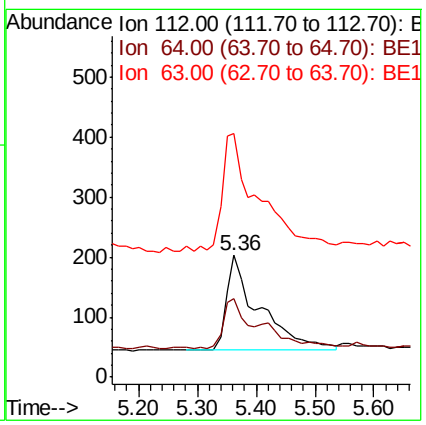


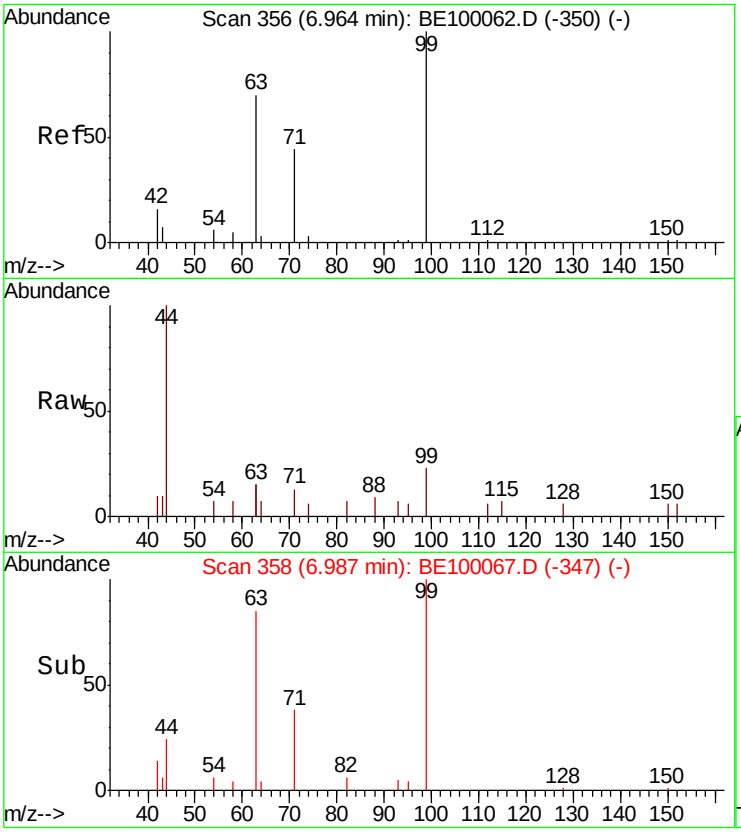


#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:112 Resp: 609

Ion	Ratio	Lower	Upper
112	100		
64	36.0	39.6	59.4#
63	141.5	113.0	169.4



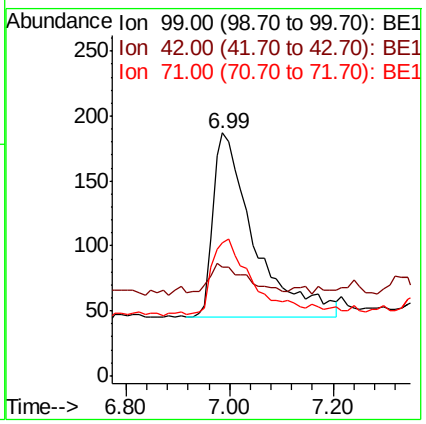


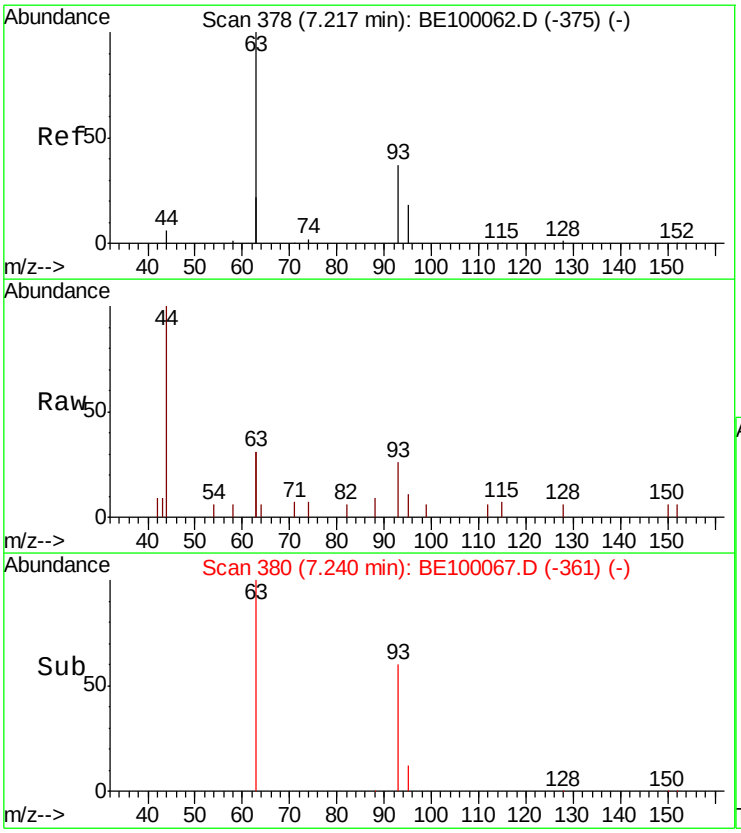
#5
Phenol-d6
Concen: 0.396 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion: 99 Resp: 788

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.4	17.2#
71	39.5	32.8	49.2

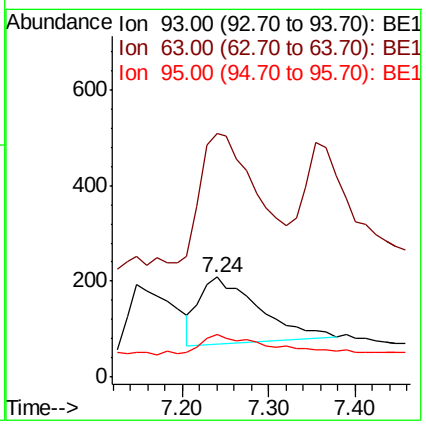


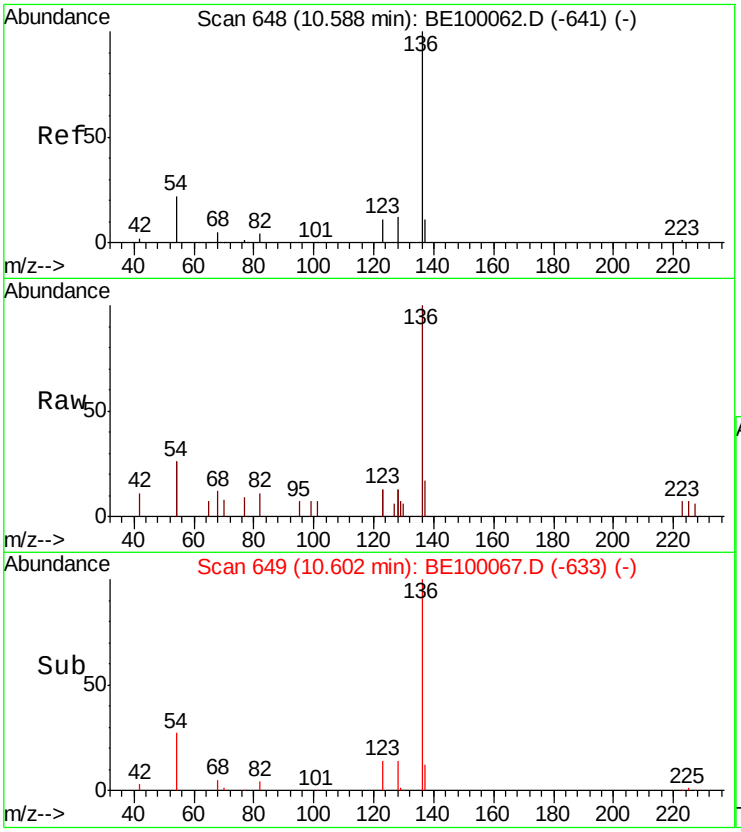


#6
bis(2-Chloroethyl)ether
Concen: 0.427 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion: 93 Resp: 657

Ion	Ratio	Lower	Upper
93	100		
63	184.9	165.0	247.6
95	34.6	27.0	40.6



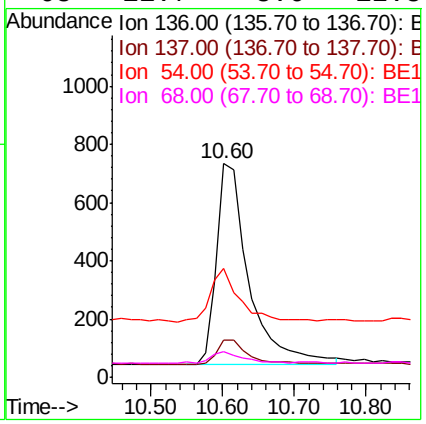


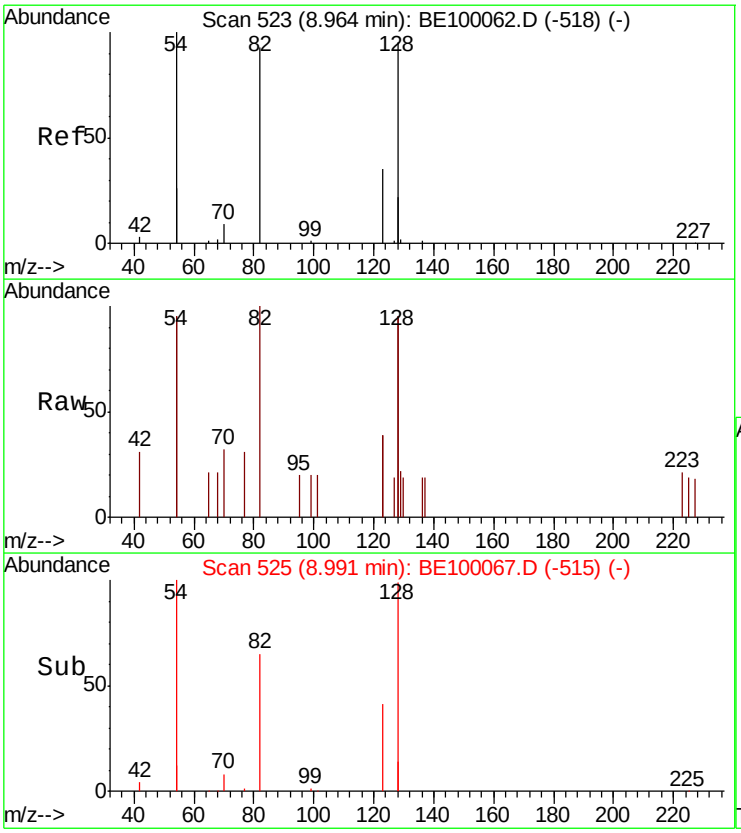
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:136 Resp: 2158

Ion	Ratio	Lower	Upper
136	100		
137	17.3	12.6	19.0
54	51.2	33.0	49.6#
68	11.7	8.6	12.8

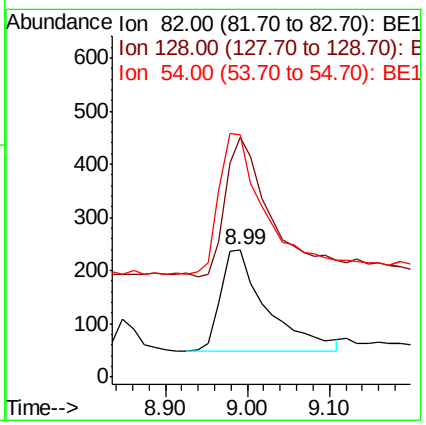


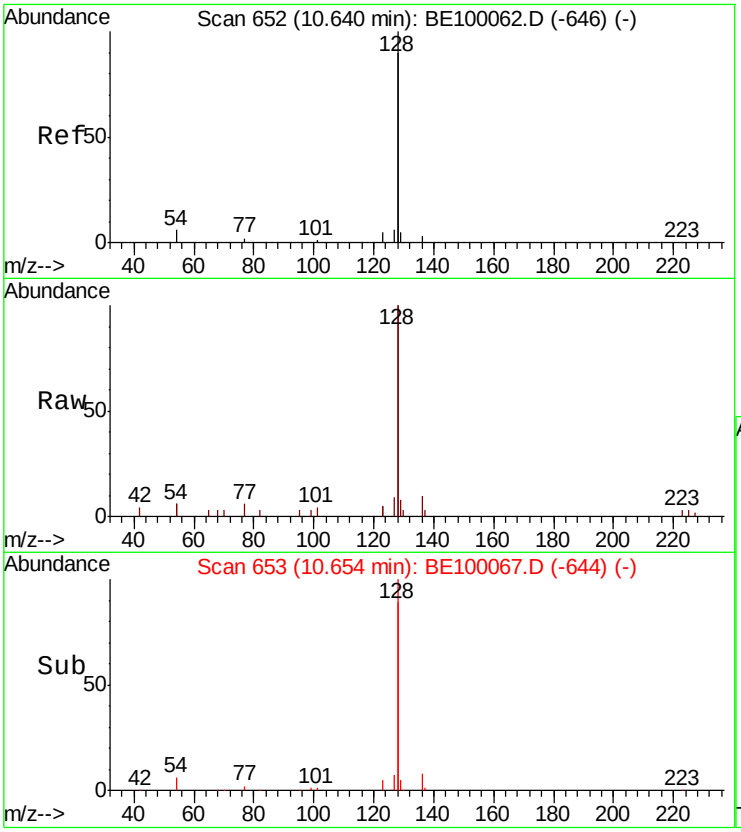


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.03 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion: 82 Resp: 749

Ion	Ratio	Lower	Upper
82	100		
128	189.1	134.6	201.8
54	190.8	141.6	212.4



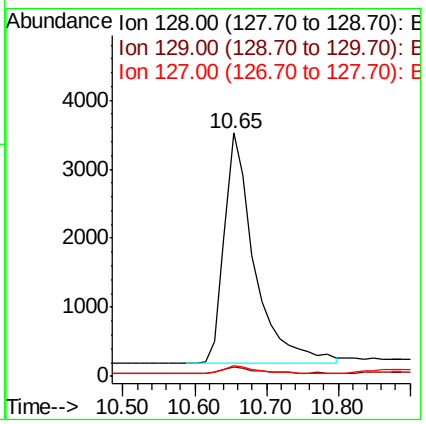


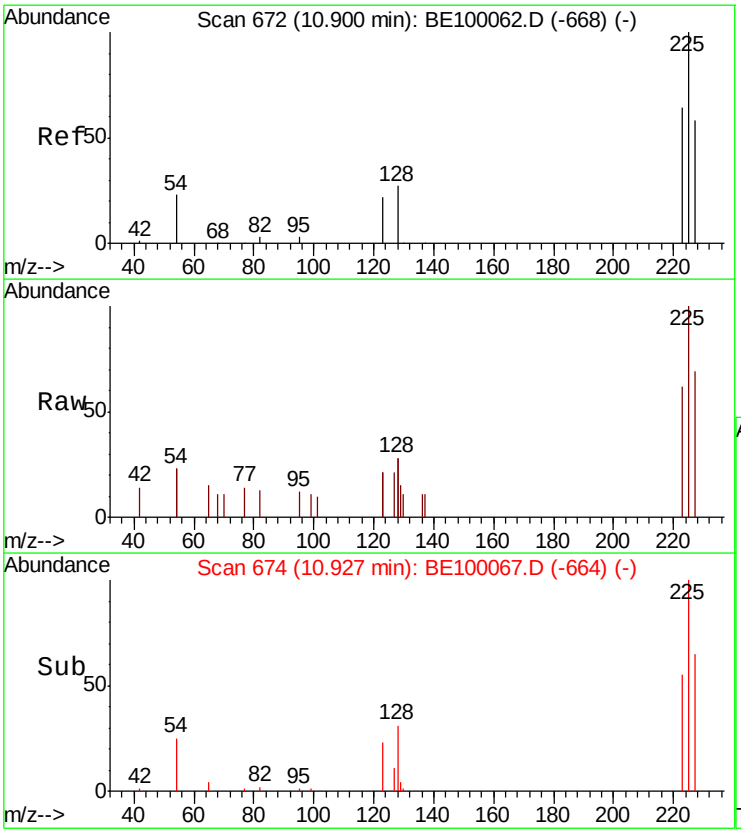
#9
Naphthalene
Concen: 0.411 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:128 Resp: 9807

Ion	Ratio	Lower	Upper
128	100		
129	4.1	3.0	4.4
127	4.5	3.4	5.0

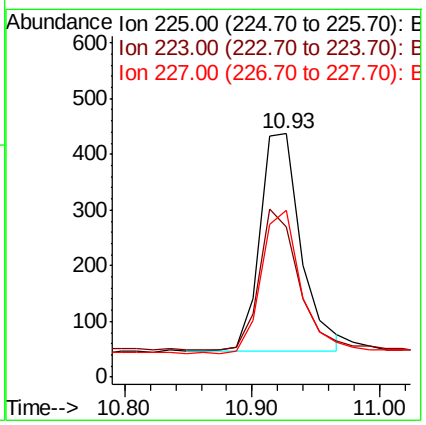


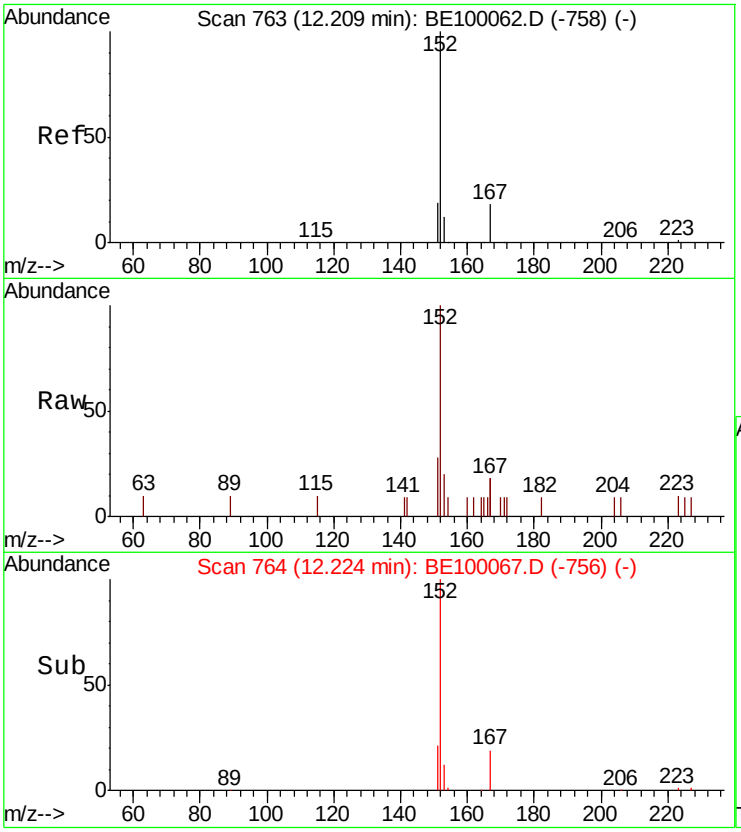


#10
Hexachlorobutadiene
Concen: 0.426 ng
RT: 10.93 min Scan# 674
Delta R.T. 0.03 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:225 Resp: 873

Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.3	75.5
227	63.3	51.4	77.2



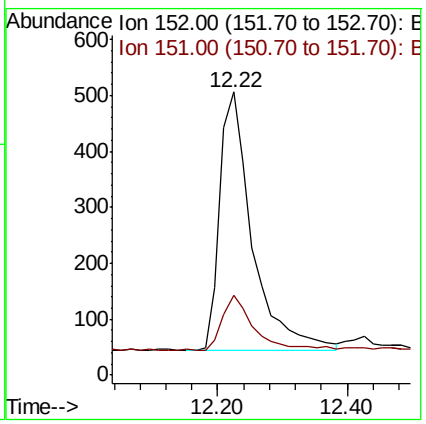


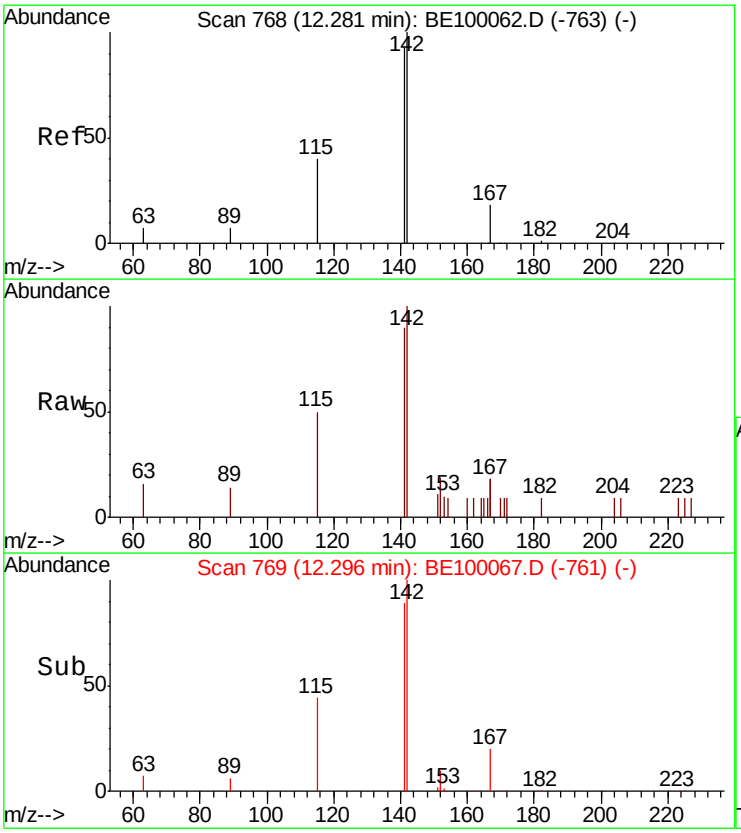
#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:152 Resp: 1614

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.2

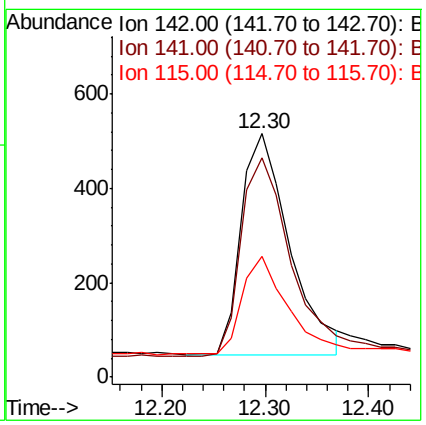


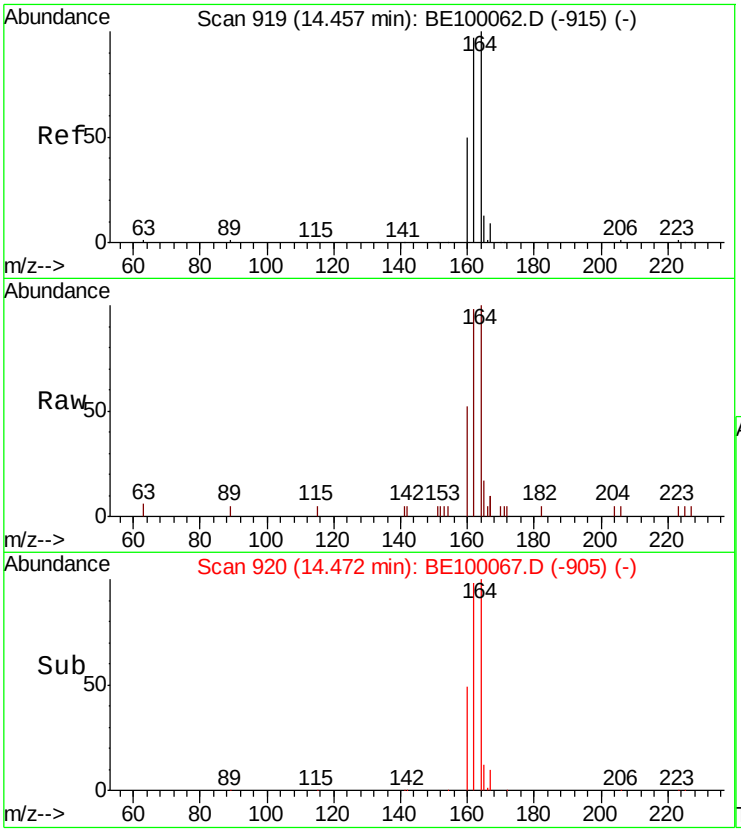


#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:142 Resp: 1523

Ion	Ratio	Lower	Upper
142	100		
141	90.1	74.2	111.4
115	49.6	36.5	54.7



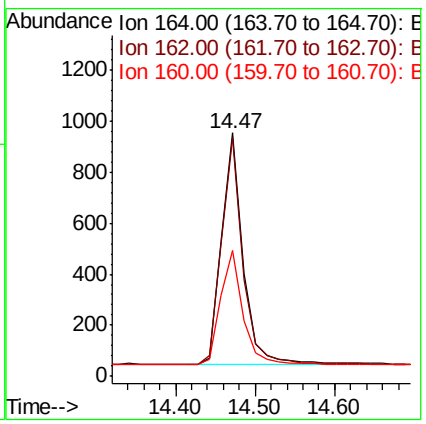


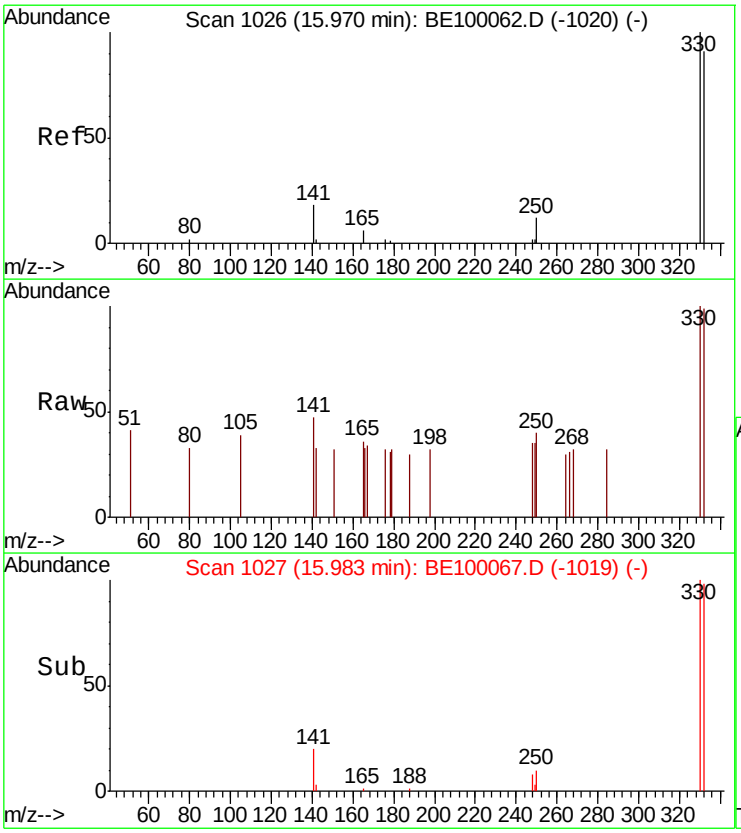
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:164 Resp: 1701

Ion	Ratio	Lower	Upper
164	100		
162	97.9	77.6	116.4
160	51.8	41.7	62.5

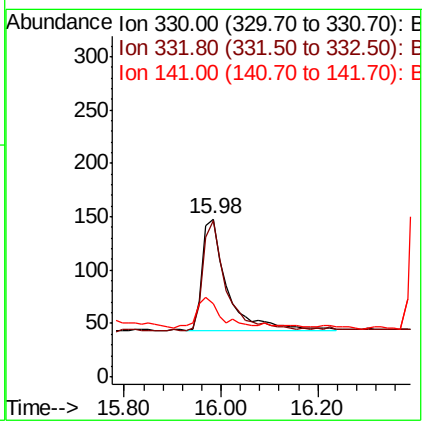


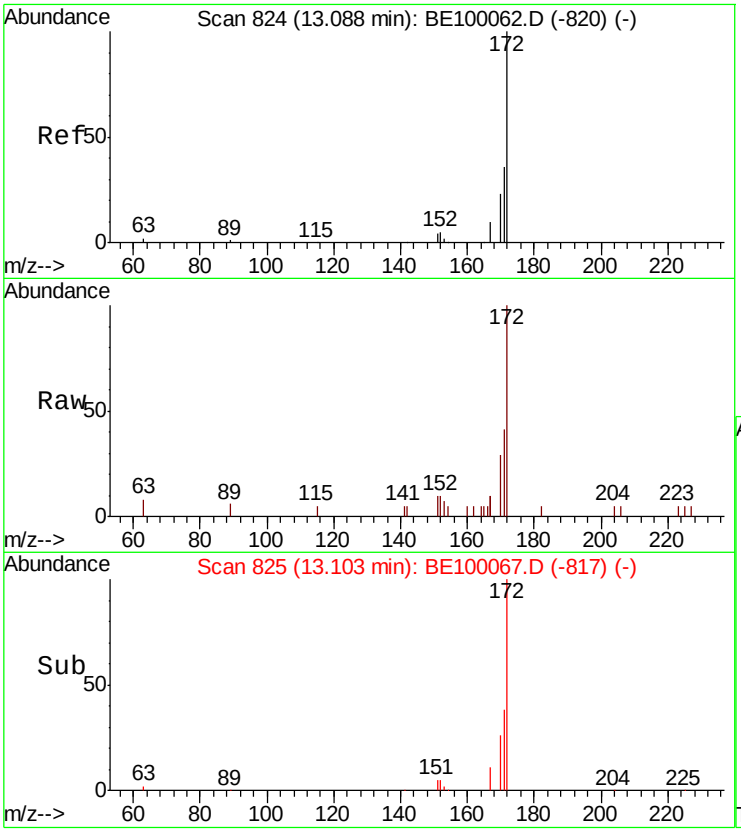


#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:330 Resp: 374

Ion	Ratio	Lower	Upper
330	100		
332	89.6	74.7	112.1
141	19.3	20.3	30.5#



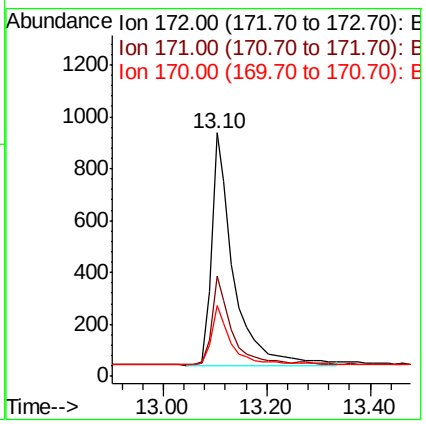


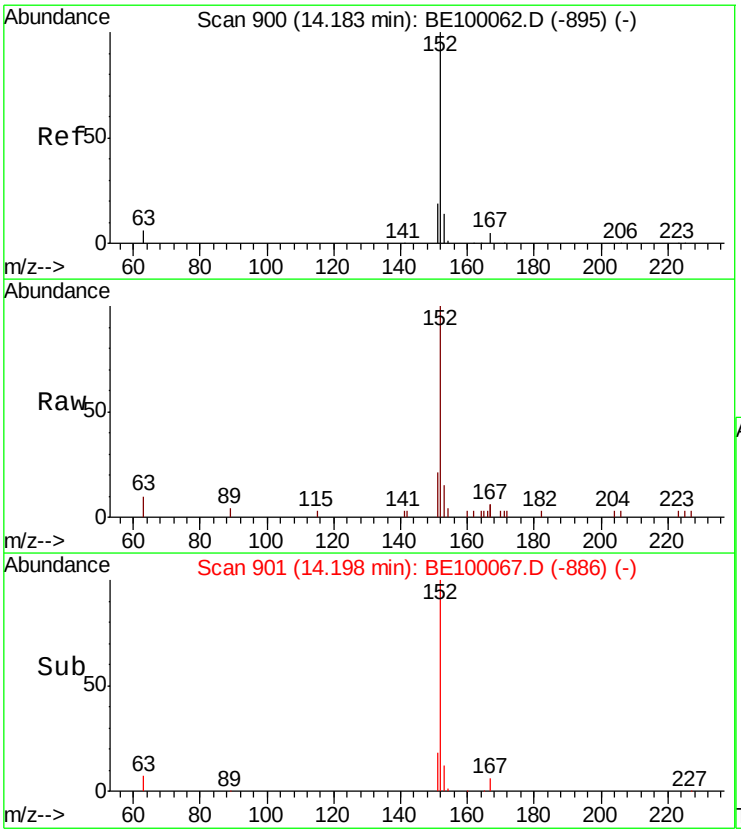
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:172 Resp: 2650

Ion	Ratio	Lower	Upper
172	100		
171	41.2	31.0	46.6
170	29.2	21.3	31.9

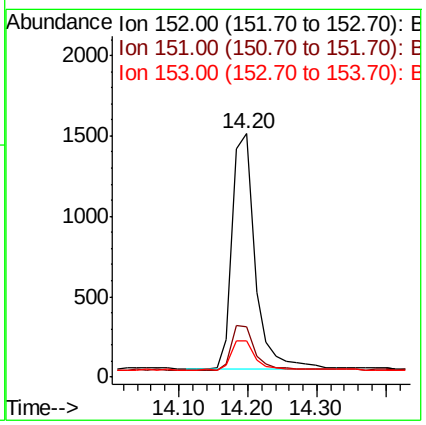


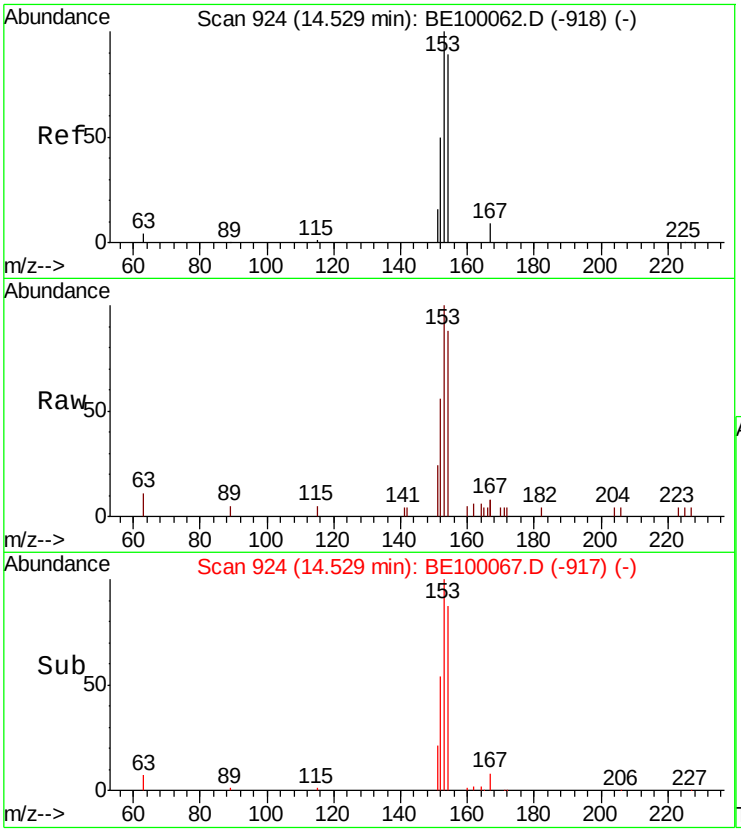


#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:152 Resp: 3394

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.0	11.1	16.7



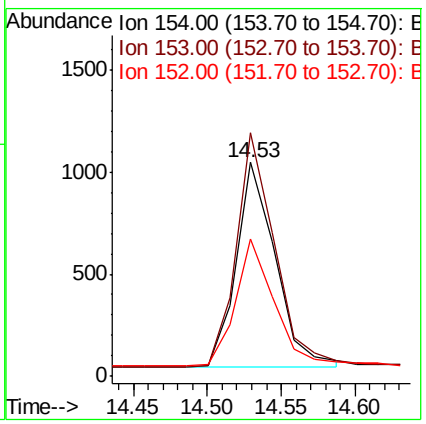


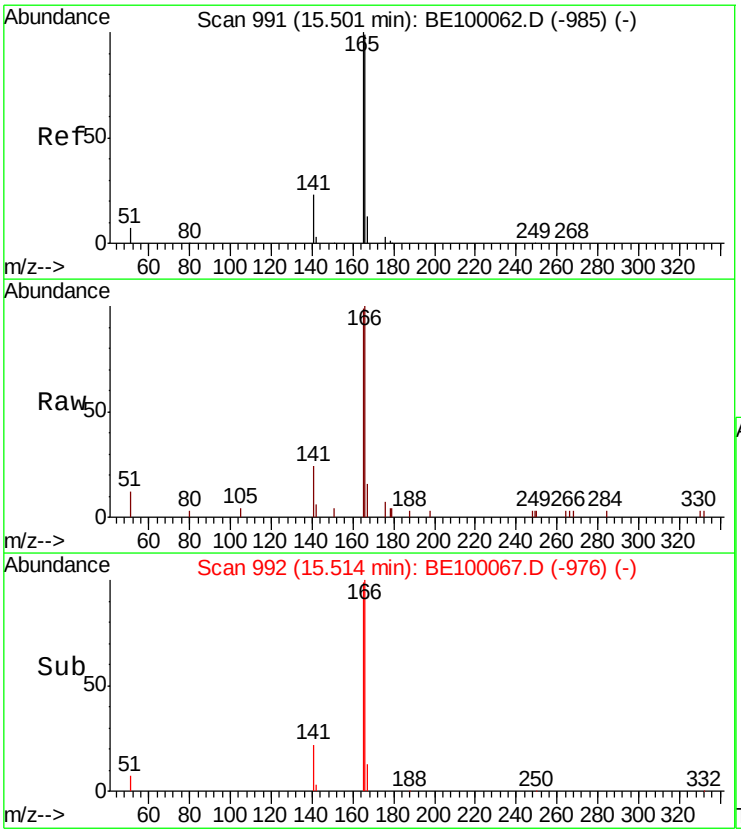
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:154 Resp: 1842

Ion	Ratio	Lower	Upper
154	100		
153	113.0	94.3	141.5
152	61.2	49.0	73.6

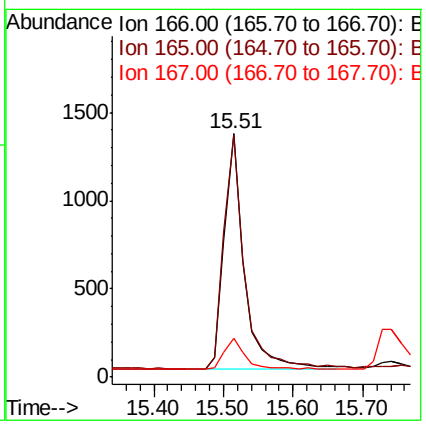


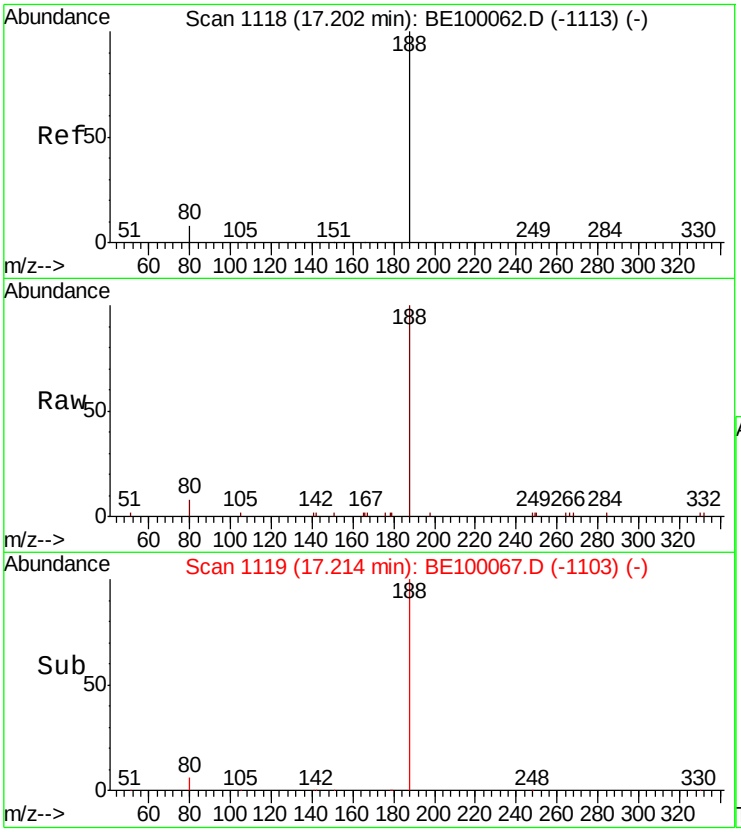


#18
Fluorene
Concen: 0.385 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:166 Resp: 2643

Ion	Ratio	Lower	Upper
166	100		
165	102.2	82.3	123.5
167	14.1	11.0	16.4



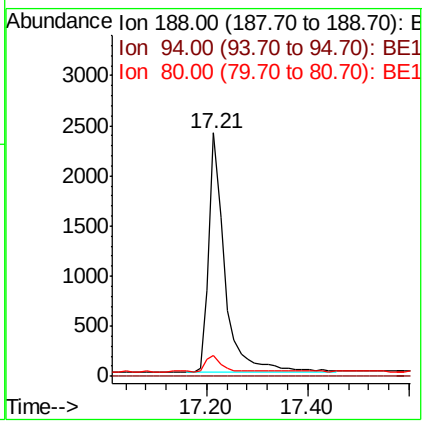


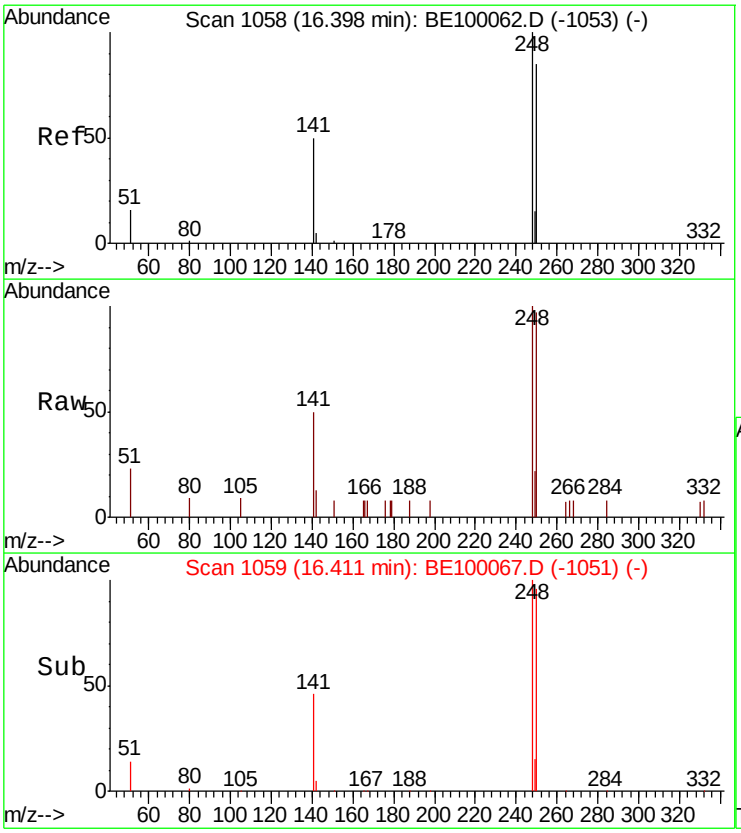
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:188 Resp: 5235

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	8.2	12.4

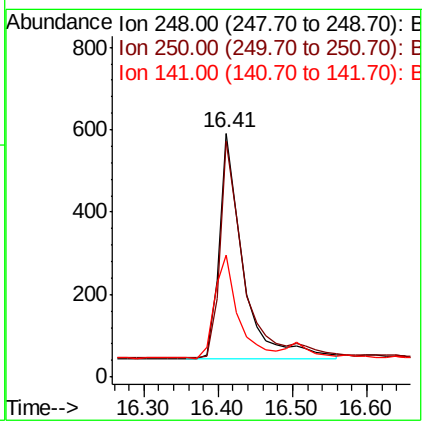


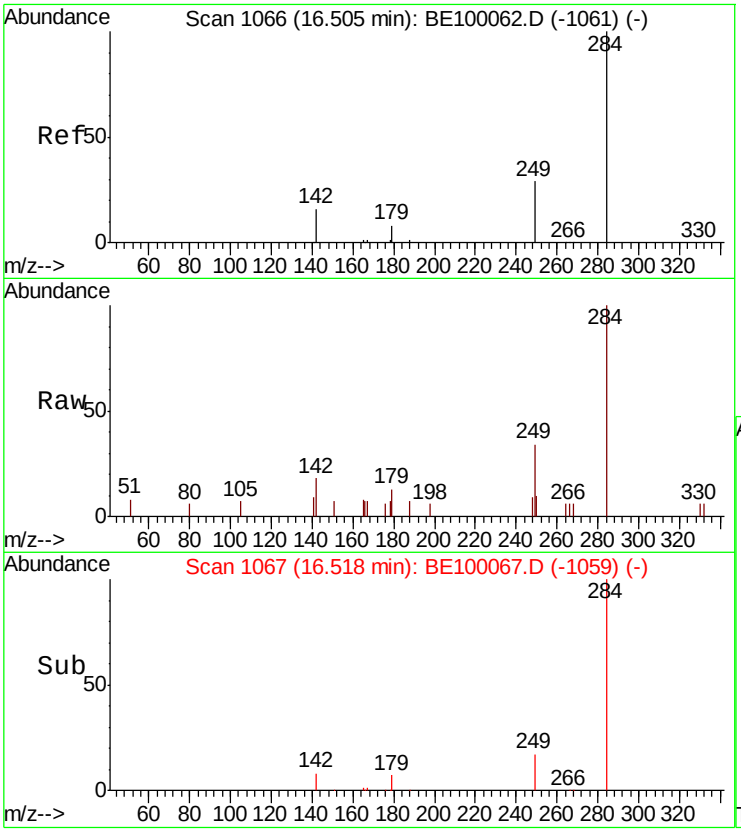


#20
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:248 Resp: 1233

Ion	Ratio	Lower	Upper
248	100		
250	96.6	69.8	104.8
141	50.1	43.0	64.6



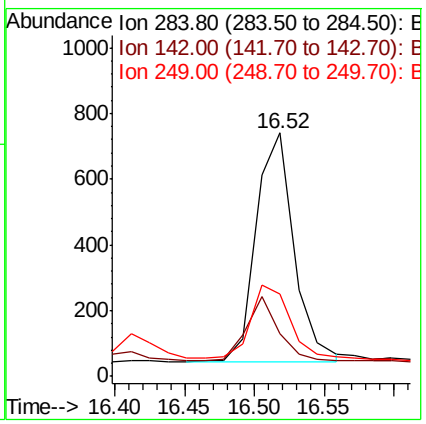


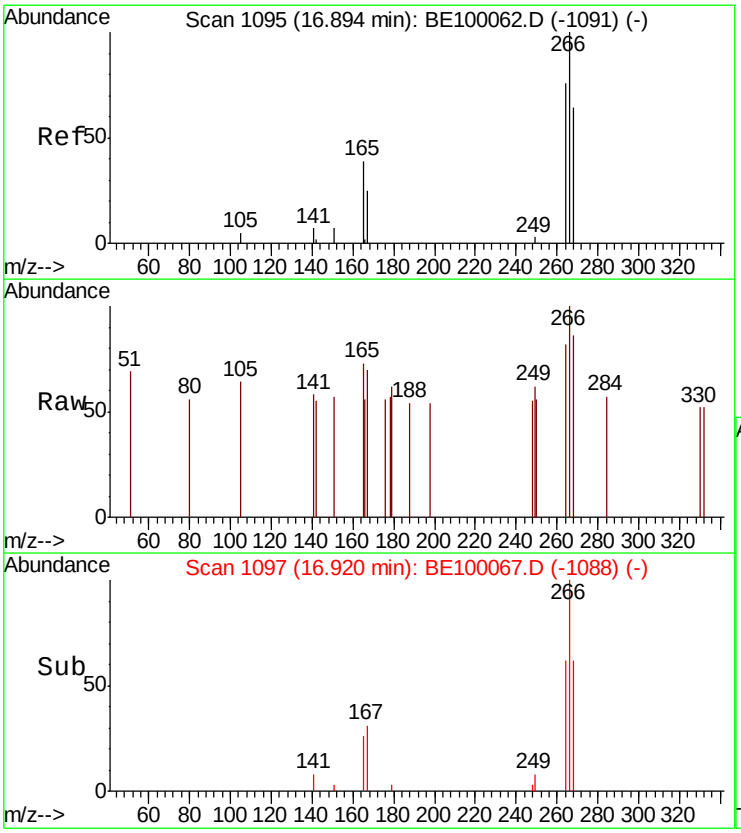
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:284 Resp: 1306

Ion	Ratio	Lower	Upper
284	100		
142	23.6	20.4	30.6
249	31.7	25.3	37.9

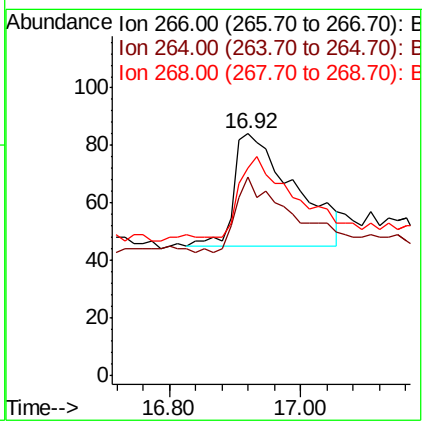


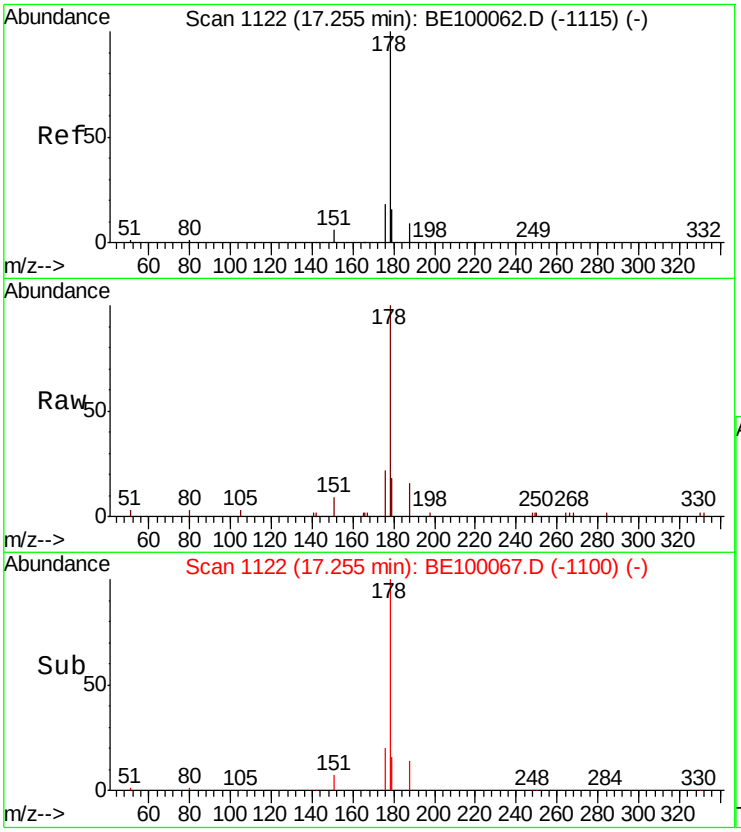


#22
Pentachlorophenol
Concen: 0.355 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.03 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:266 Resp: 250

Ion	Ratio	Lower	Upper
266	100		
264	82.1	68.6	102.8
268	85.7	67.0	100.6



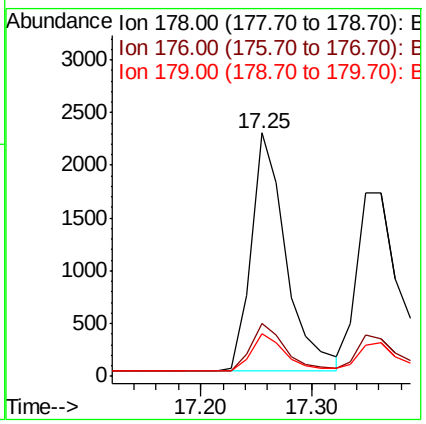


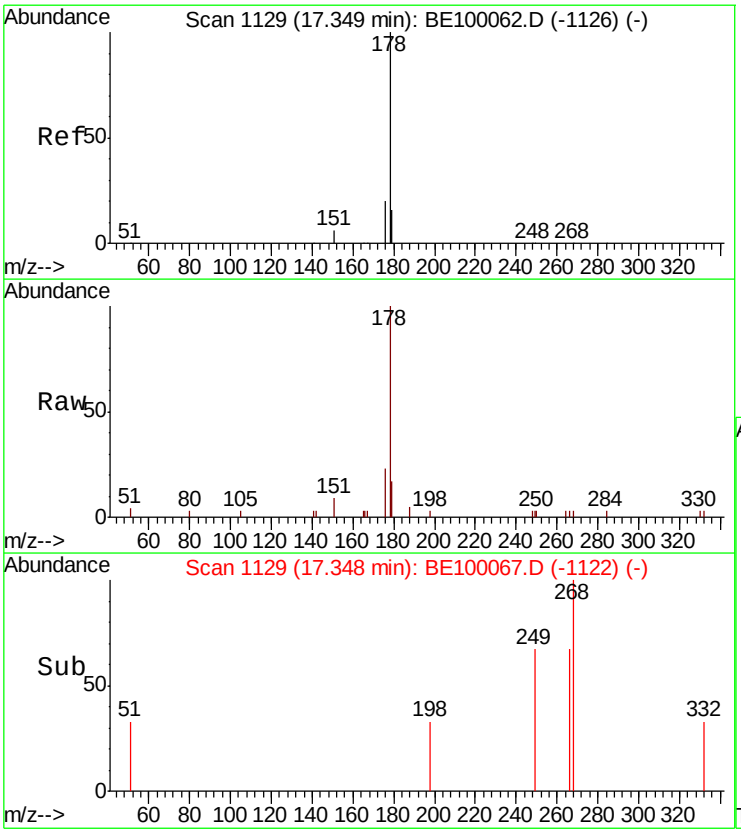
#23
Phenanthrene
Concen: 0.387 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:178 Resp: 4941

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.2	12.4	18.6

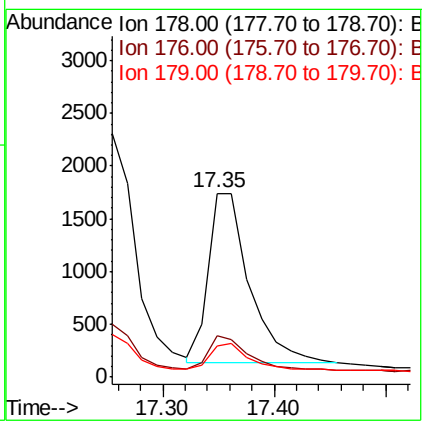


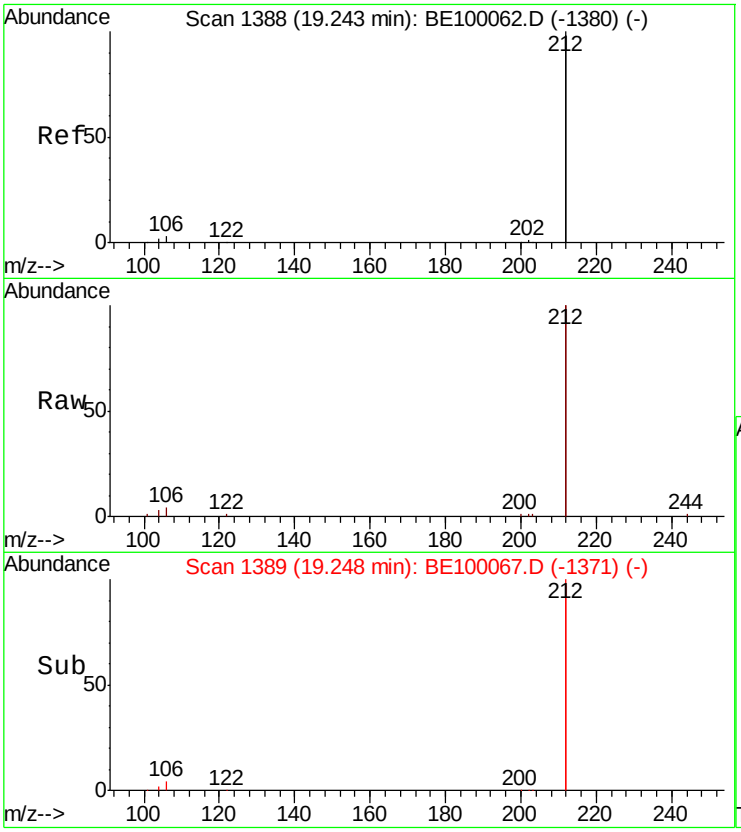


#24
Anthracene
Concen: 0.369 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:178 Resp: 4135

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.2	12.6	18.8



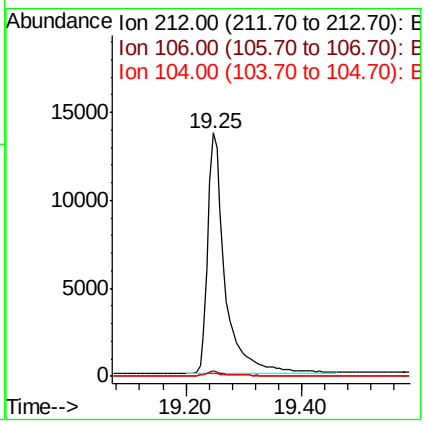


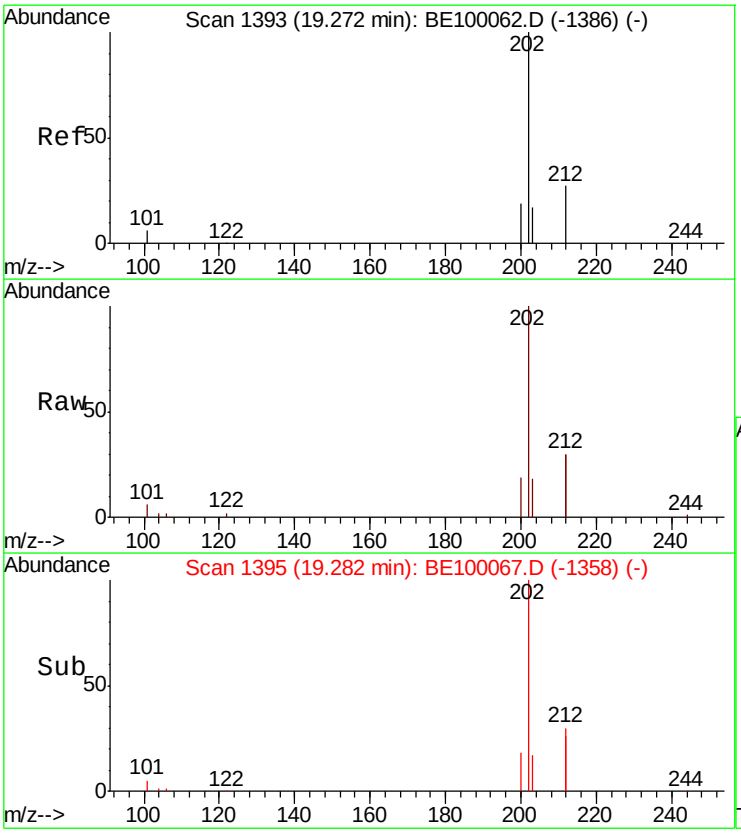
#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:212 Resp: 28376

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

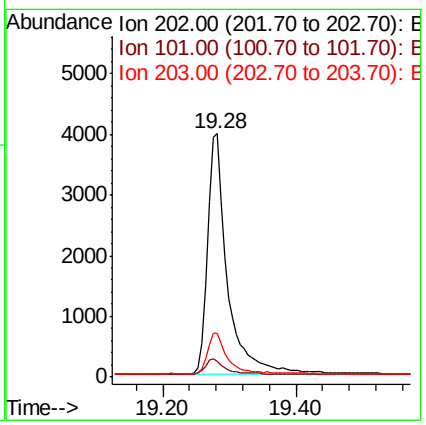


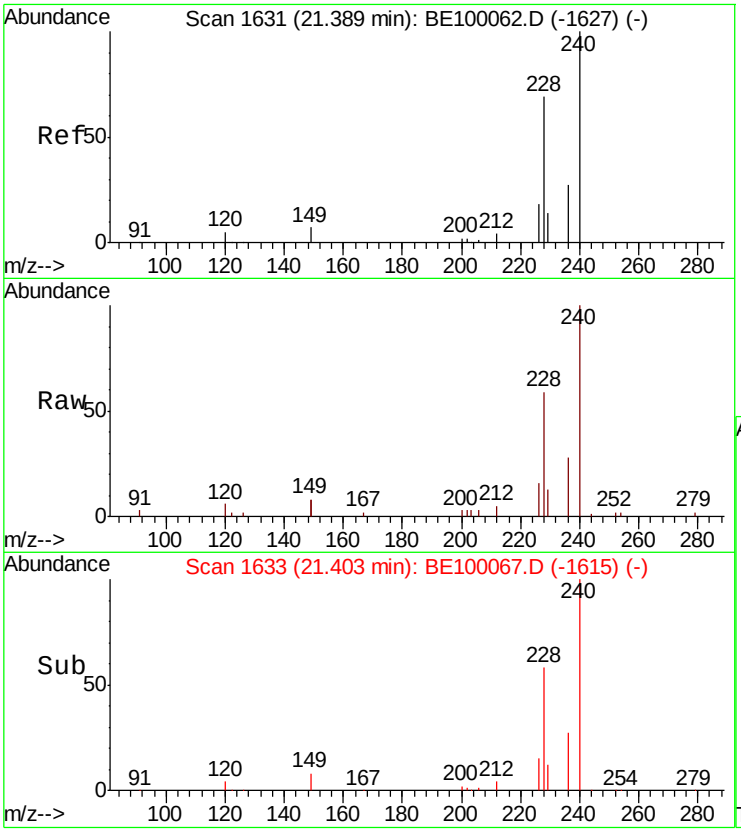


#26
Fluoranthene
Concen: 0.390 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:202 Resp: 8194

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.3	7.9
203	17.2	13.3	19.9



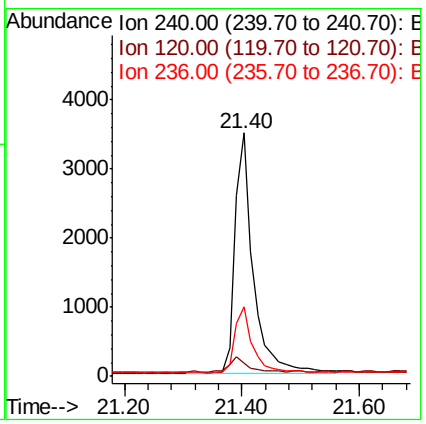


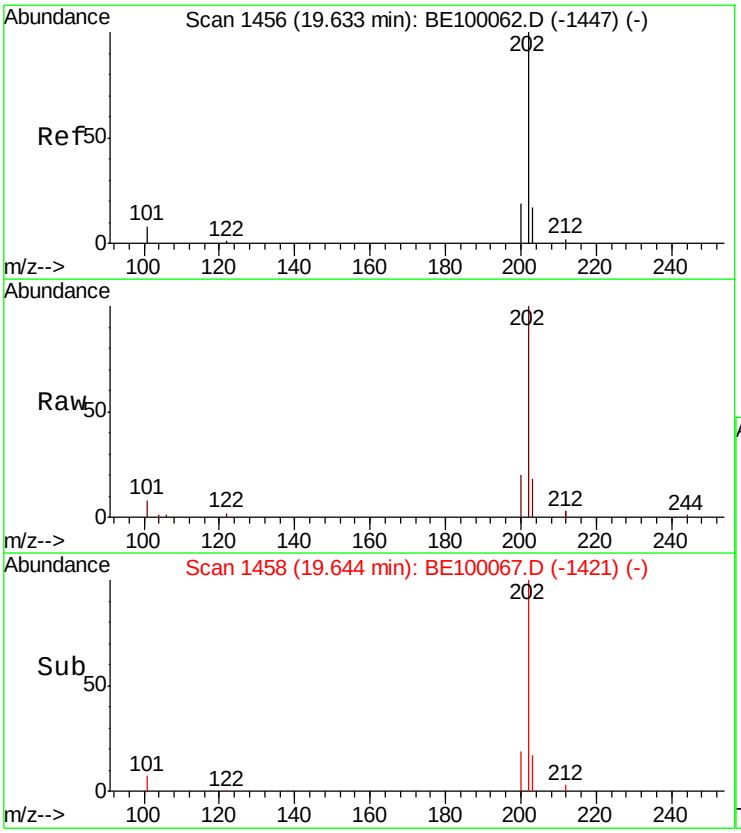
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:240 Resp: 7517

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.4	8.0
236	28.3	22.6	33.8

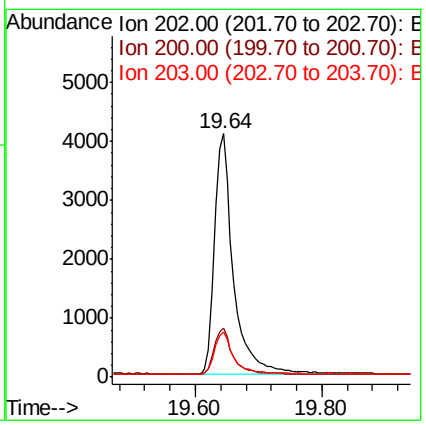


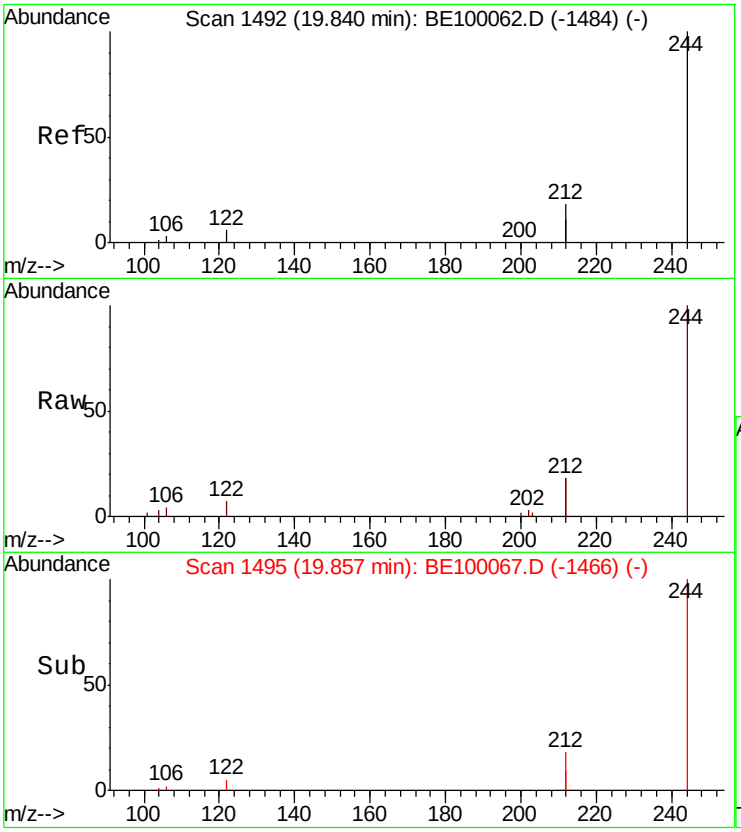


#28
Pyrene
Concen: 0.449 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:202 Resp: 8395

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.6	23.4
203	17.5	14.0	21.0



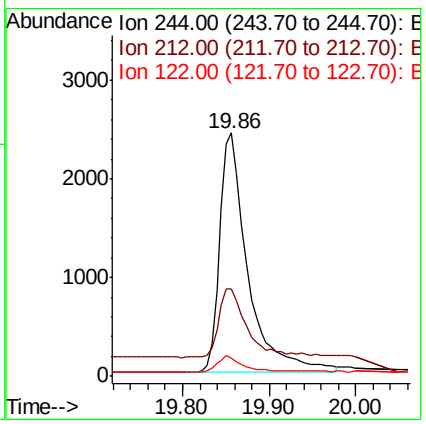


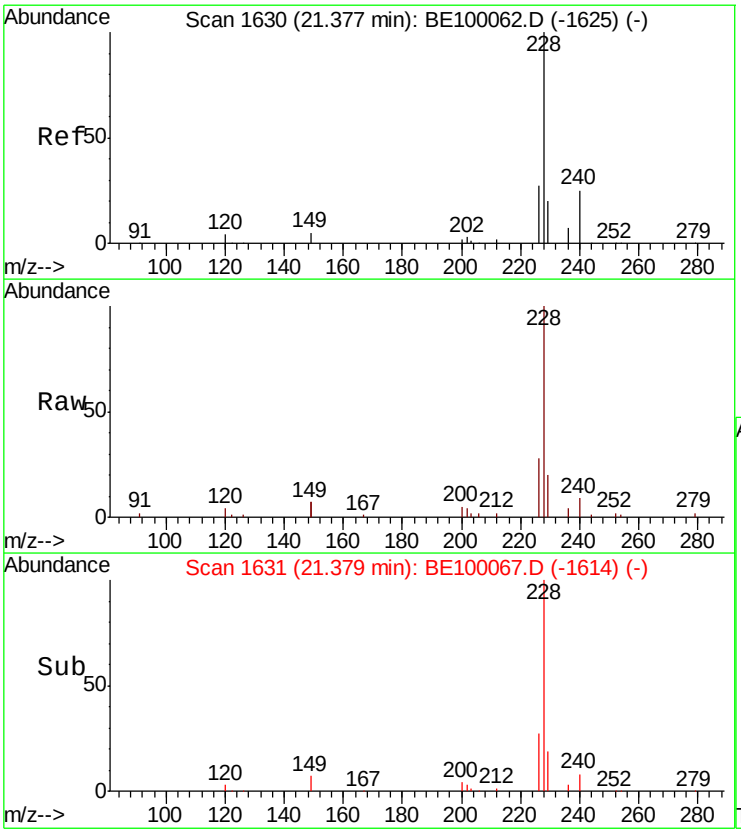
#29
Terphenyl-d14
Concen: 0.429 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:244 Resp: 5432

Ion	Ratio	Lower	Upper
244	100		
212	35.7	27.9	41.9
122	7.3	5.8	8.6

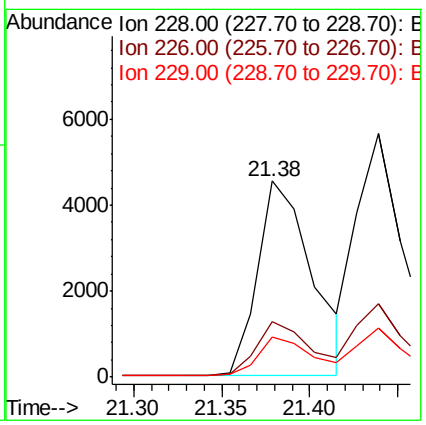


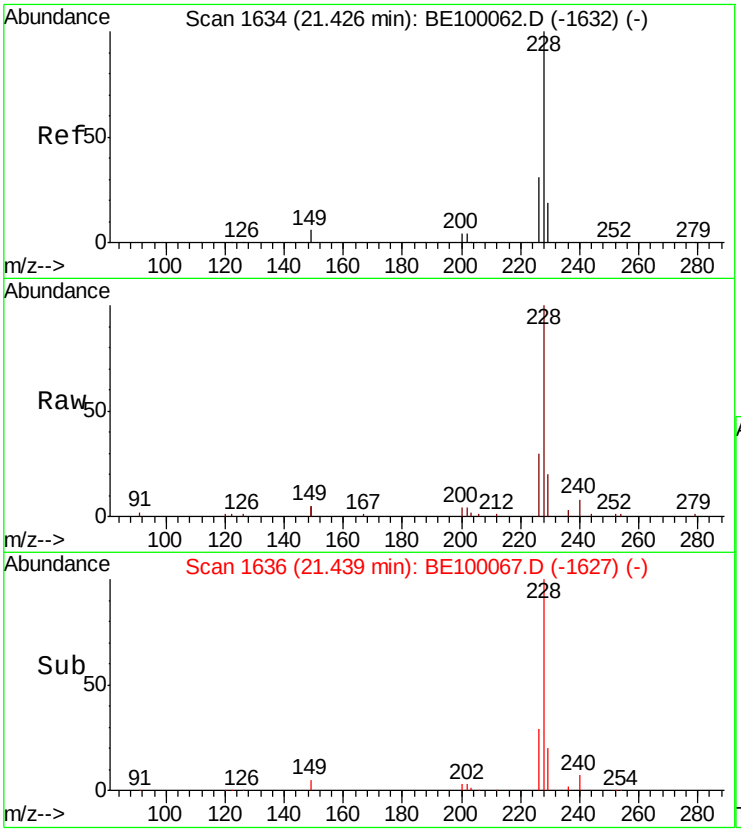


#30
Benzo(a)anthracene
Concen: 0.446 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:228 Resp: 9660

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.1	33.1
229	20.3	16.9	25.3



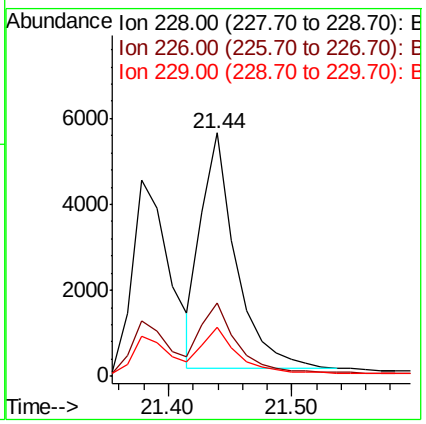


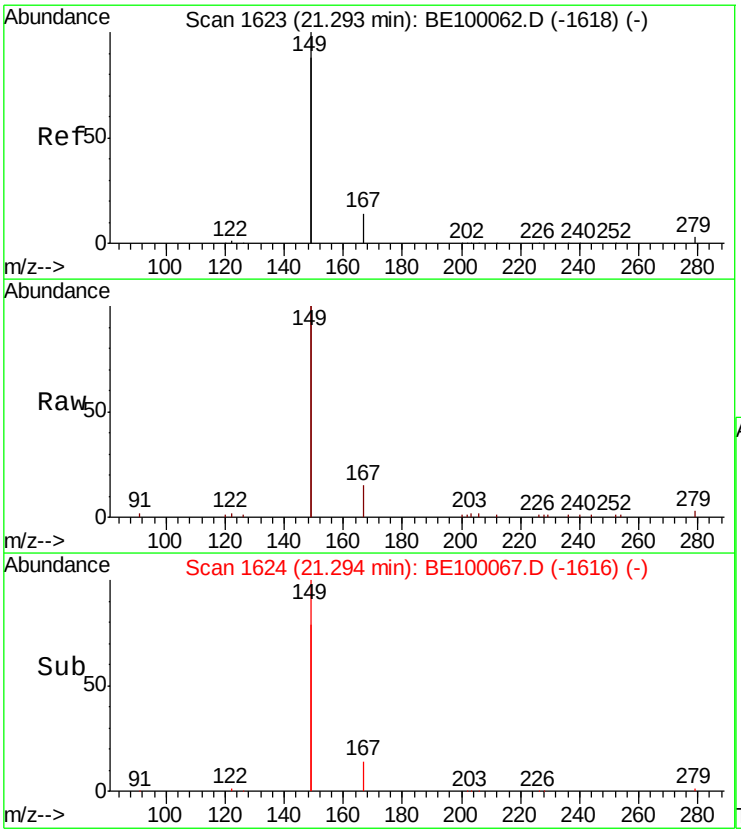
#31
Chrysene
Concen: 0.436 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:228 Resp: 10649

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.2	15.8	23.8

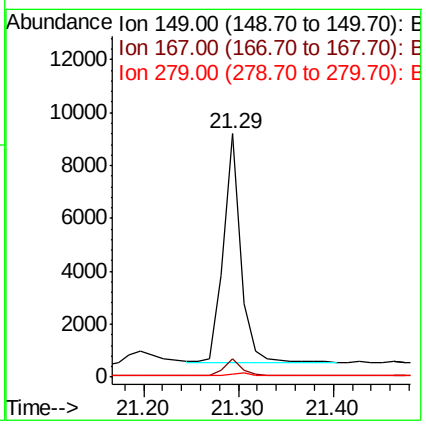


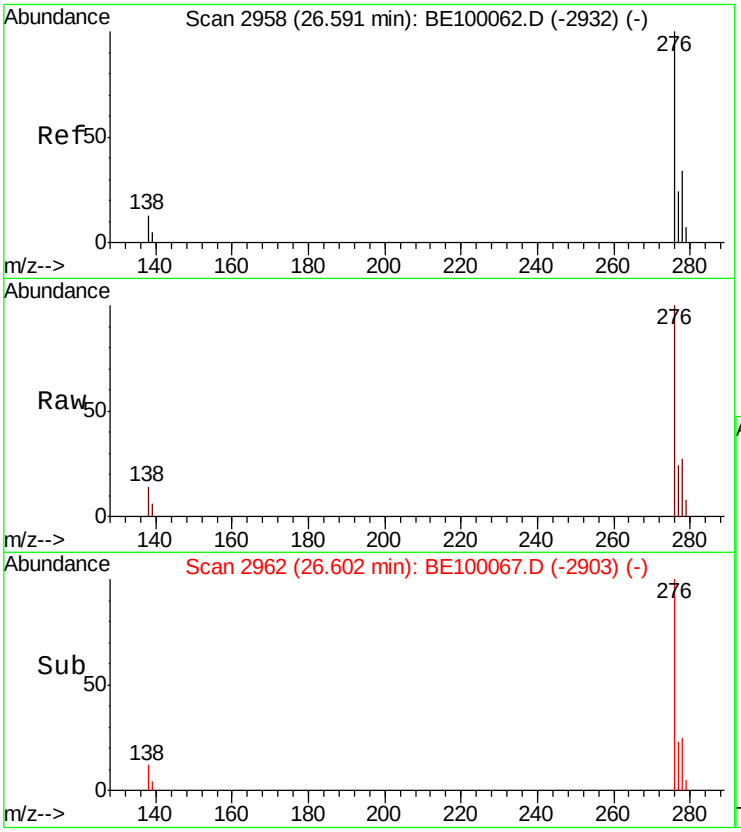


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:149 Resp: 10946

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.5	1.0	1.6



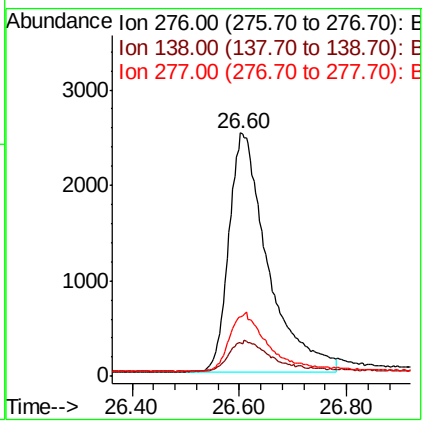


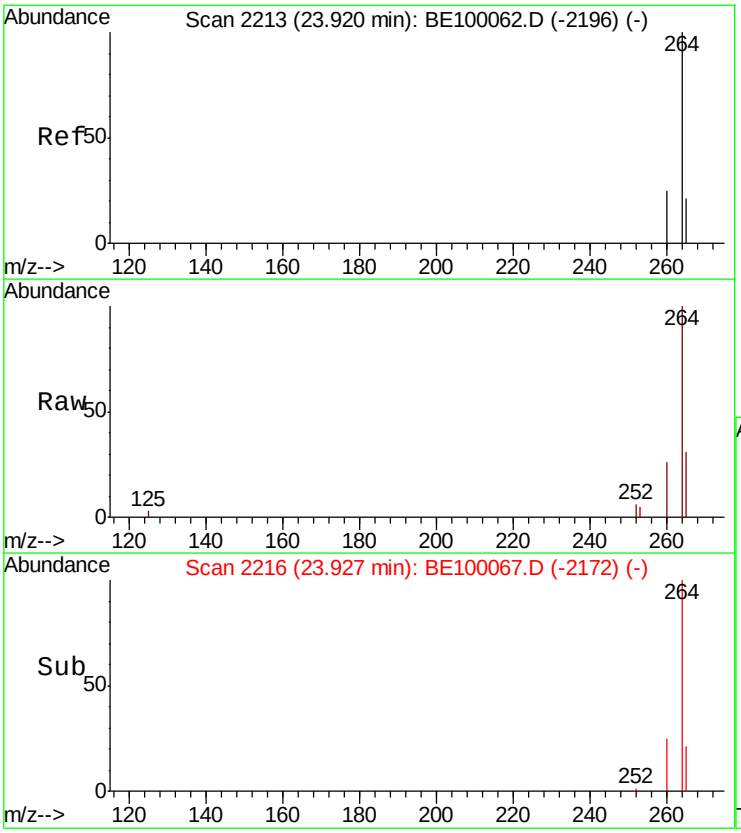
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng
RT: 26.60 min Scan# 2962
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:276 Resp: 12664

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.7	16.1
277	24.5	19.1	28.7

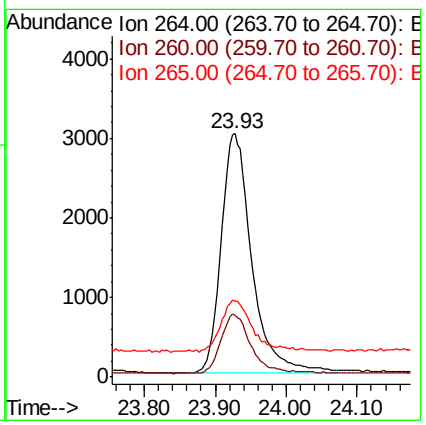


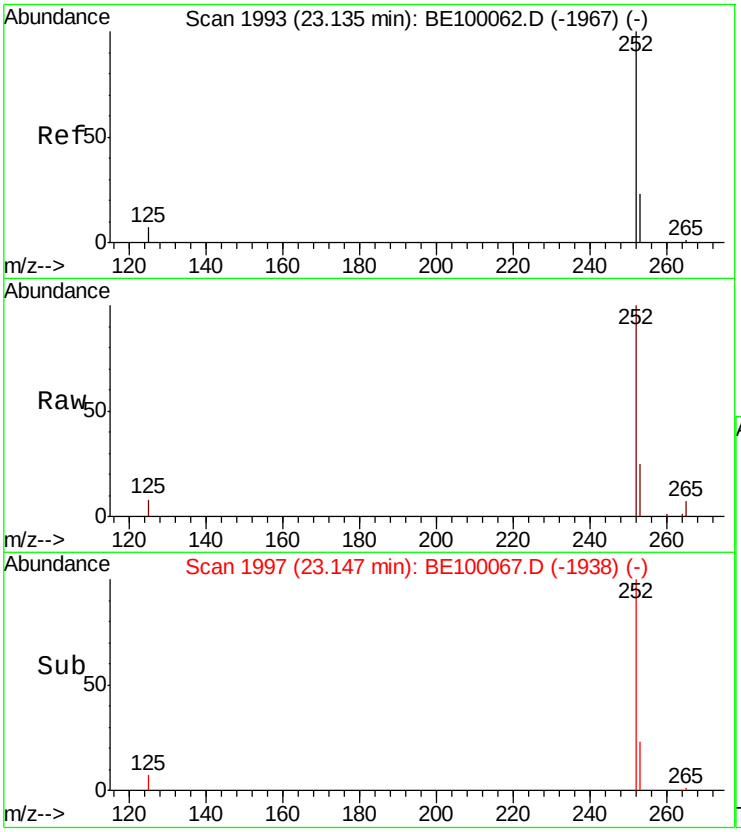


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:264 Resp: 8970

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	31.0
265	31.1	23.6	35.4



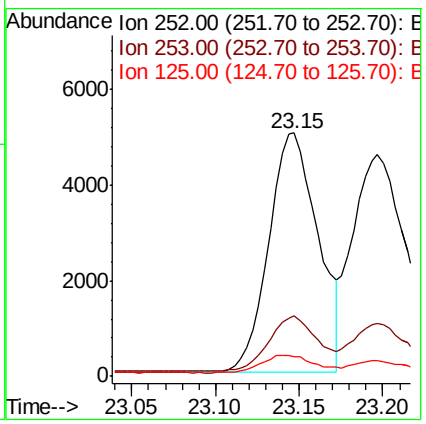


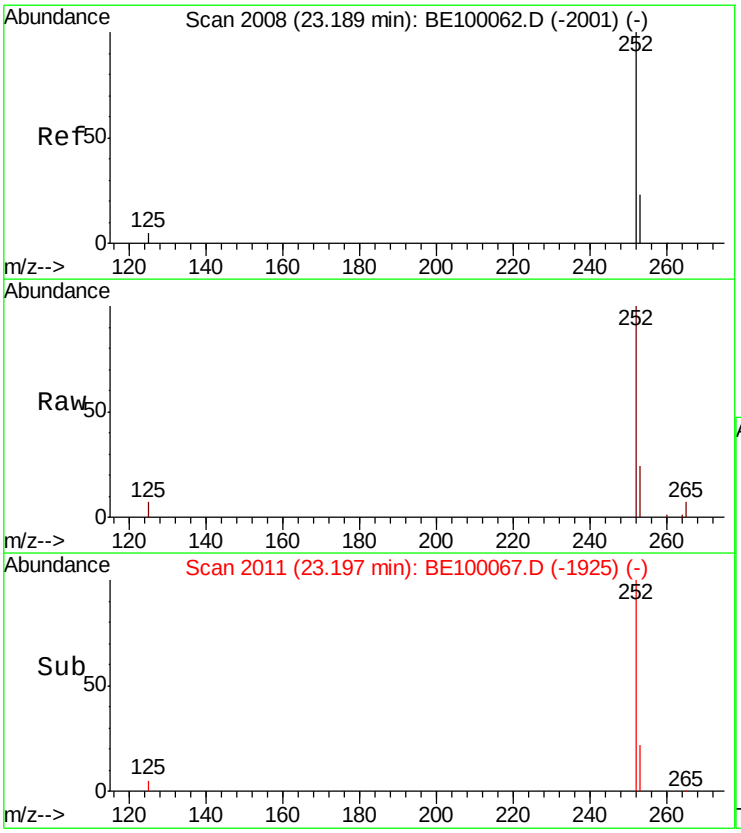
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.15 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:252 Resp: 10336

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.6	29.4
125	8.2	7.2	10.8

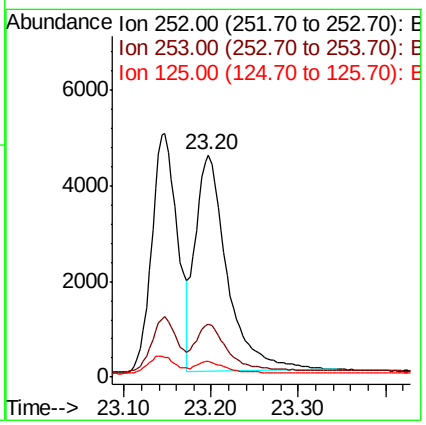


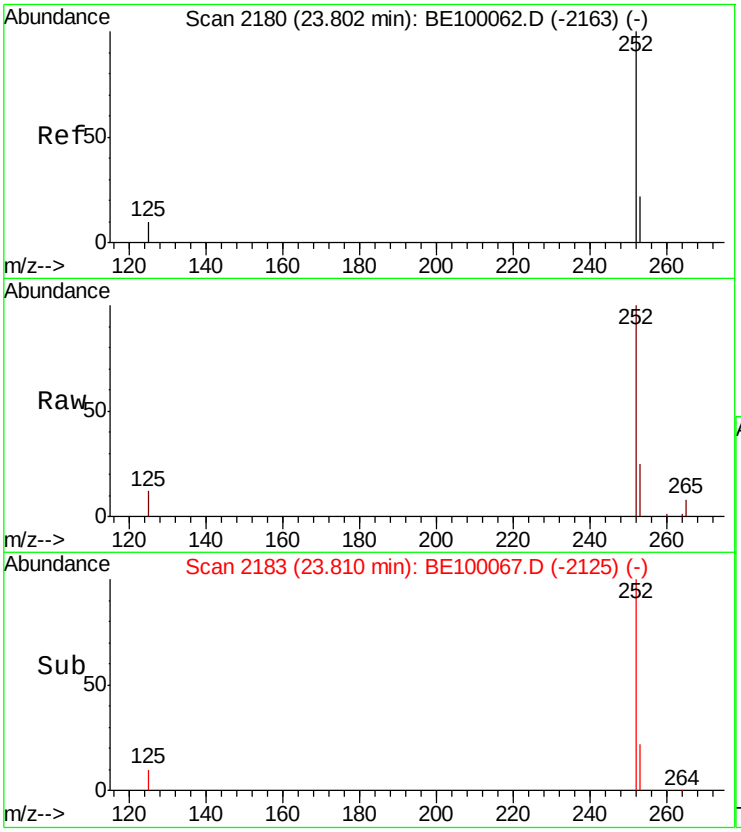


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.20 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:252 Resp: 11535

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.3	28.9
125	7.0	5.6	8.4



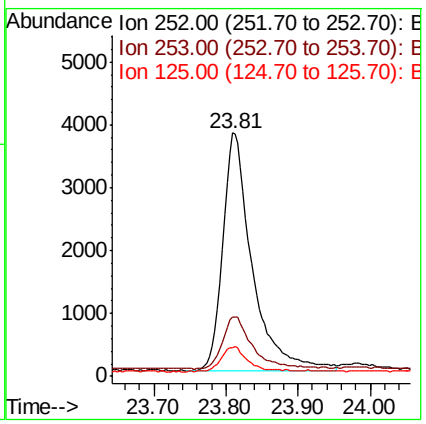


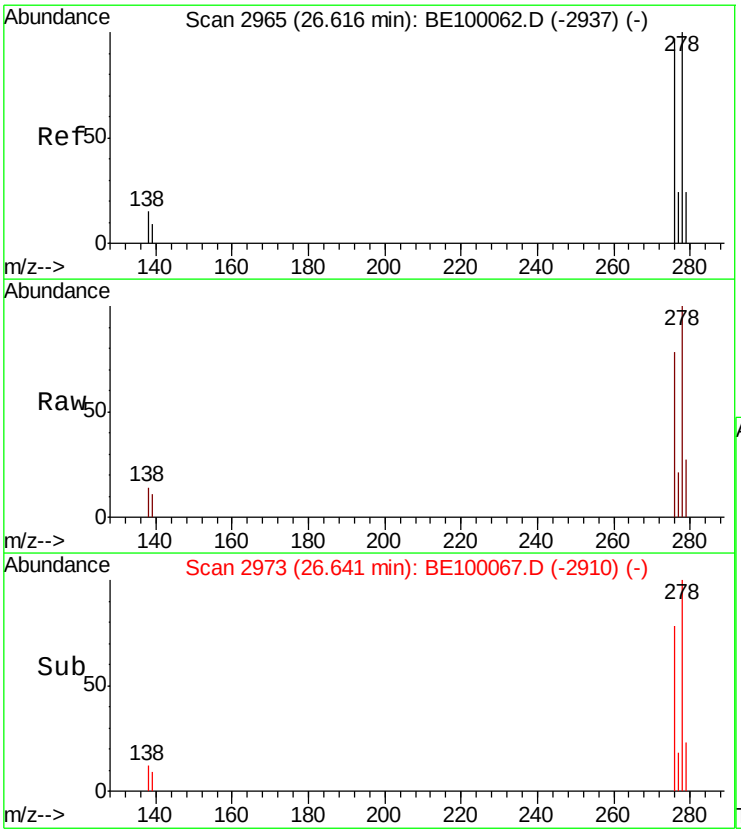
#37
Benzo(a)pyrene
Concen: 0.410 ng
RT: 23.81 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:252 Resp: 10518

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.0	30.0
125	11.8	9.6	14.4

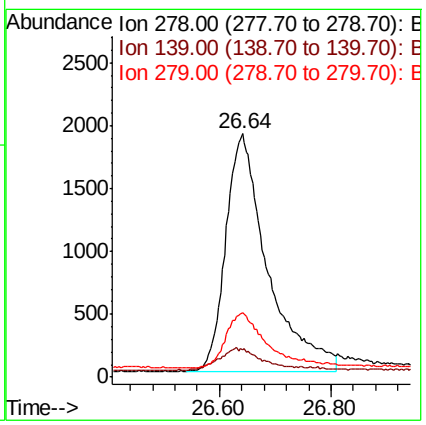


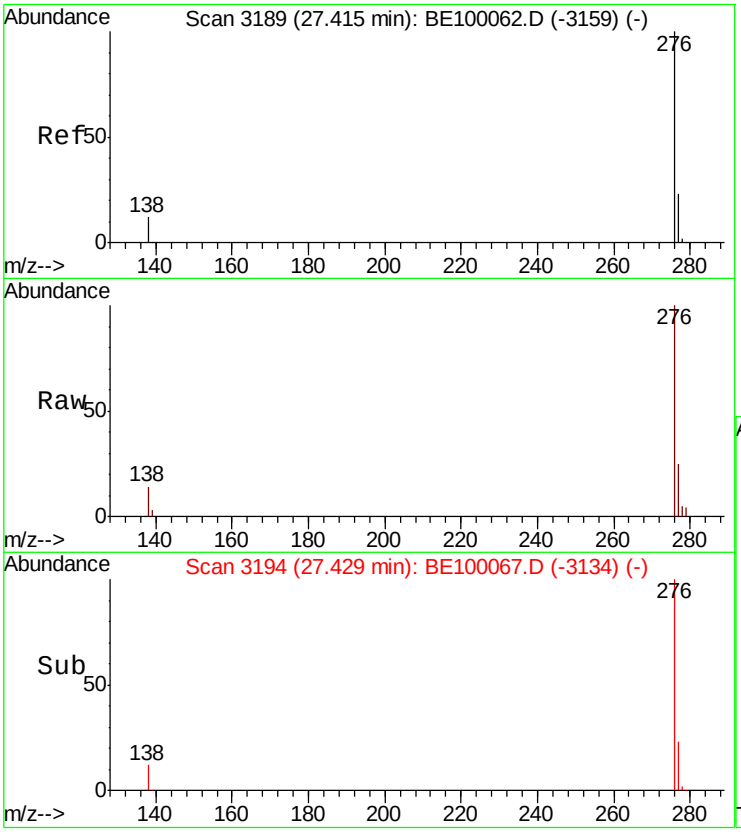


#38
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 26.64 min Scan# 2973
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:278 Resp: 9771

Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.2	13.8
279	26.6	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.408 ng
RT: 27.43 min Scan# 3194
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tgt Ion:276 Resp: 10794

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.2
138	14.0	11.0	16.6