Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
Data File : BE100419.D
Acq On : 12 Jul 2019 13:37
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 12 16:40:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 16:31:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	4431	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	18230	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	11027	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	28387	0.40	ng		0.00
27) Chrysene-d12	21.40	240	38695	0.40	ng		0.00
34) Perylene-d12	23.90	264	45847	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	11033	1.14	ng		0.00
5) Phenol-d6	7.04	99	16128	1.65	ng		0.00
8) Nitrobenzene-d5	9.03	82	6991	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	23567	0.75	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	2920	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	32921	0.68	ng		0.00
25) Fluoranthene-d10	19.26	212	325942	0.70	ng		0.00
29) Terphenyl-d14	19.86	244	69025	0.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	5666	0.642	ng	#	100
3) n-Nitrosodimethylamine	3.69	42	3416	0.944	ng		95
6) bis(2-Chloroethyl)ether	7.31	93	11582	1.560	ng	#	1
9) Naphthalene	10.73	128	151515	0.776	ng		99
10) Hexachlorobutadiene	11.03	225	7358	0.269	ng		95
12) 2-Methylnaphthalene	12.34	142	26450	0.948	ng		96
16) Acenaphthylene	14.24	152	44468	0.845	ng		99
17) Acenaphthene	14.59	154	26025	0.869	ng		98
18) Fluorene	15.54	166	34765	0.697	ng		99
20) 4-Bromophenyl-phenylether	16.44	248	12743	0.737	ng		97
21) Hexachlorobenzene	16.56	284	13090	0.569	ng		98
22) Pentachlorophenol	16.89	266	3463	1.203	ng		97
23) Phenanthrene	17.28	178	61254	0.906	ng		99
24) Anthracene	17.38	178	61253	1.110	ng		99
26) Fluoranthene	19.29	202	89087	0.702	ng		100
28) Pyrene	19.65	202	93097	1.050	ng		100
30) Benzo(a)anthracene	21.39	228	106553	0.975	ng		99
31) Chrysene	21.44	228	103831	0.832	ng		100
32) Bis(2-ethylhexyl)phthalate	21.33	149	151452	1.607	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	126617	0.726	ng	#	100
35) Benzo(b)fluoranthene	23.13	252	112509	0.920	ng		98
36) Benzo(k)fluoranthene	23.19	252	113040	0.746	ng		98
37) Benzo(a)pyrene	23.78	252	105217	0.817	ng		99
38) Dibenzo(a,h)anthracene	26.57	278	104288	0.822	ng		99
39) Benzo(g,h,i)perylene	27.35	276	104409	0.691	ng		99

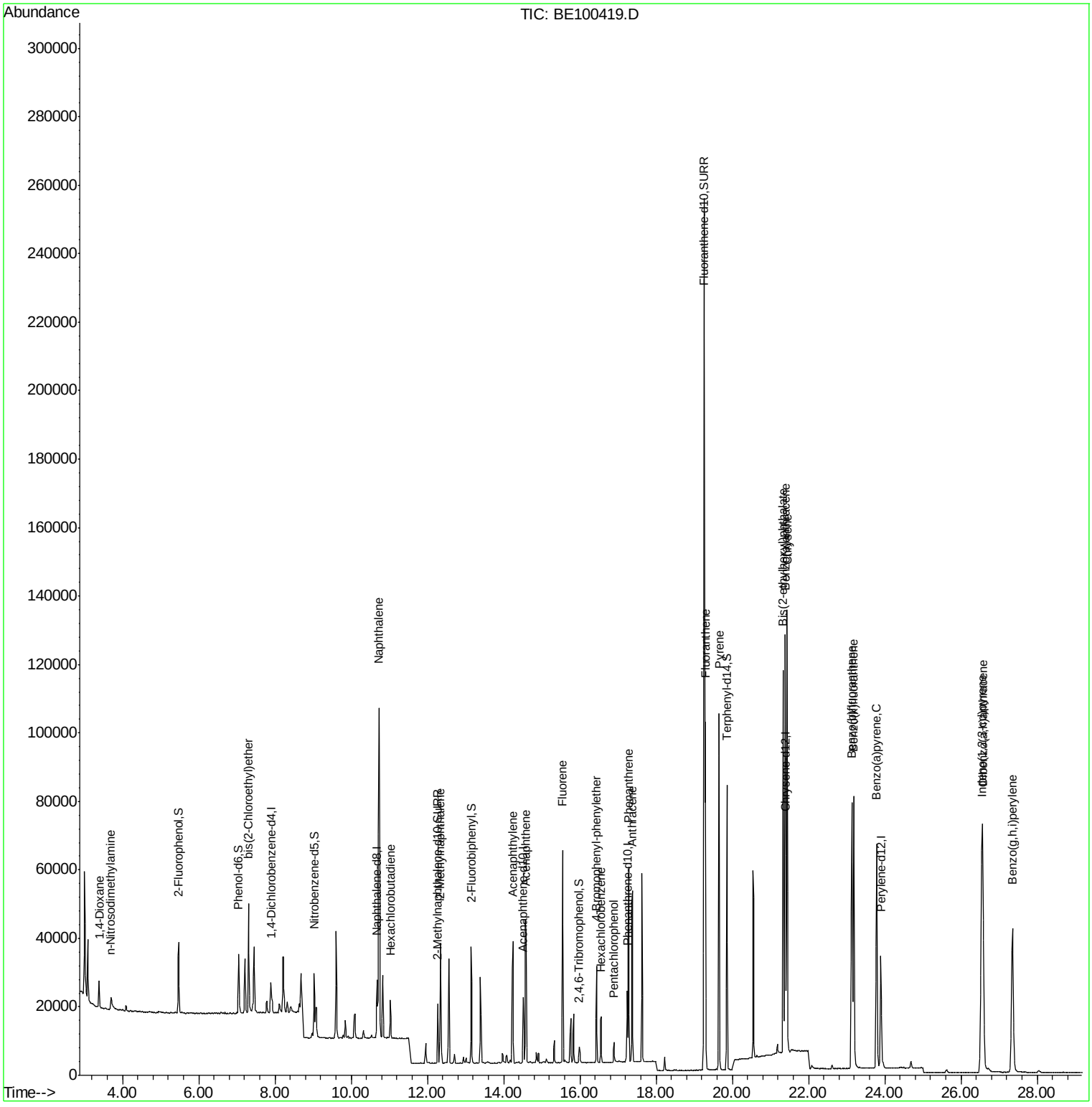
(#) = qualifier out of range (m) = manual integration (+) = signals summed

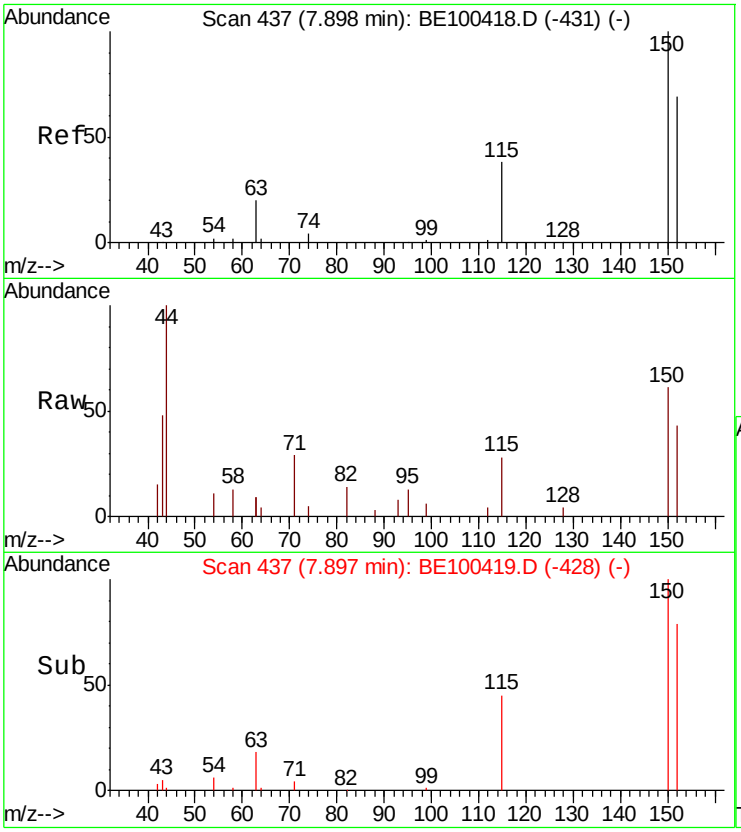
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
Data File : BE100419.D
Acq On : 12 Jul 2019 13:37
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 12 16:40:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 16:31:47 2019
Response via : Initial Calibration



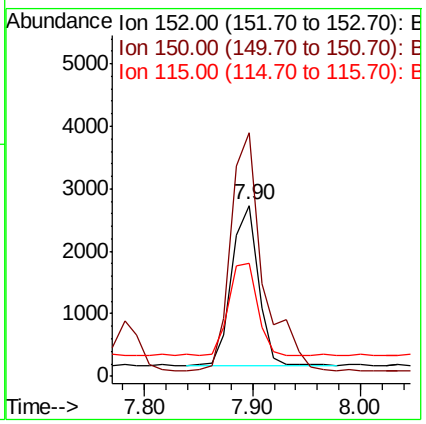


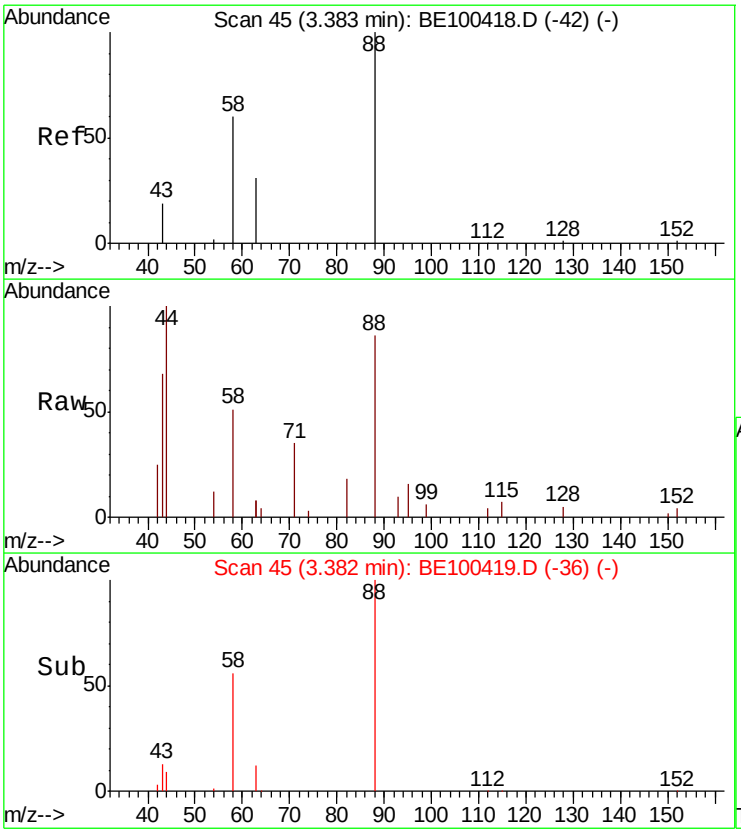
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4431

Ion	Ratio	Lower	Upper
152	100		
150	142.4	108.8	163.2
115	66.1	54.2	81.2

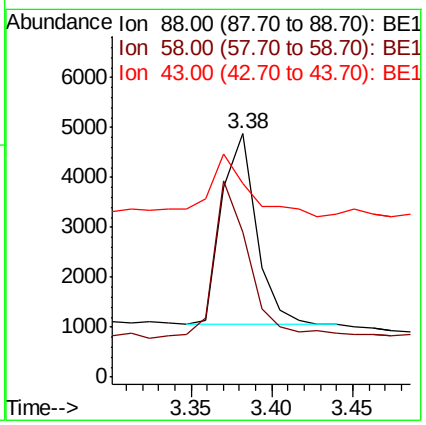


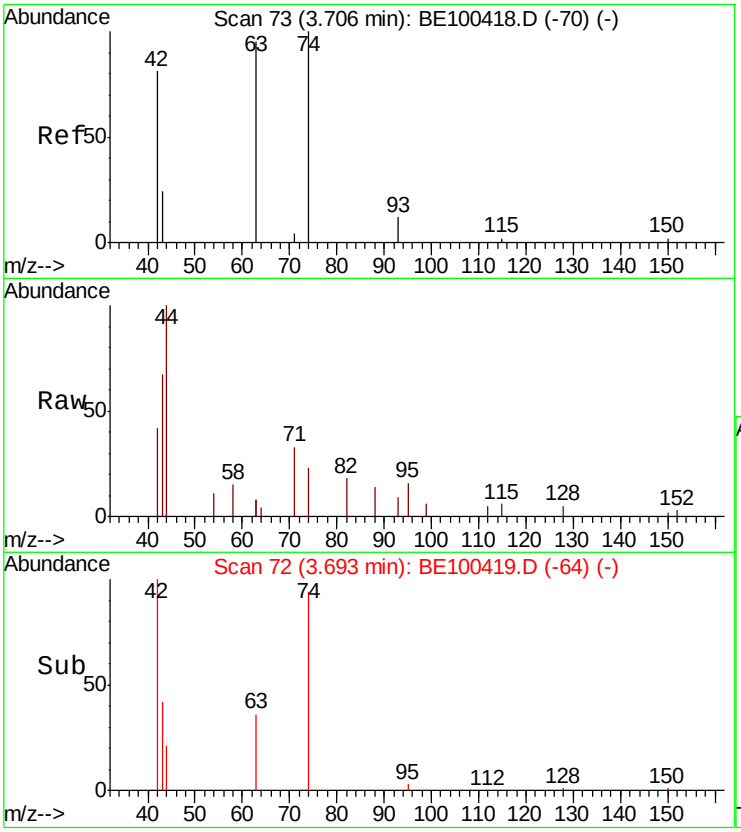


#2
1,4-Dioxane
Concen: 0.642 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion: 88 Resp: 5666

Ion	Ratio	Lower	Upper
88	100		
58	85.2	0.0	0.0#
43	39.3	0.0	0.0#



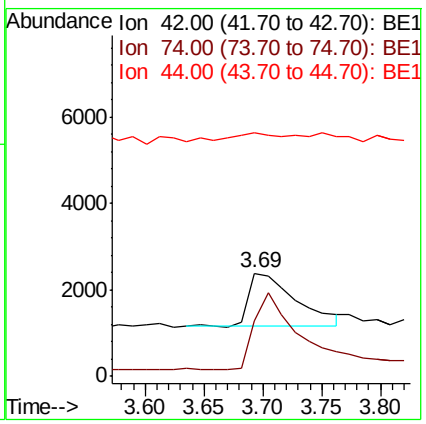


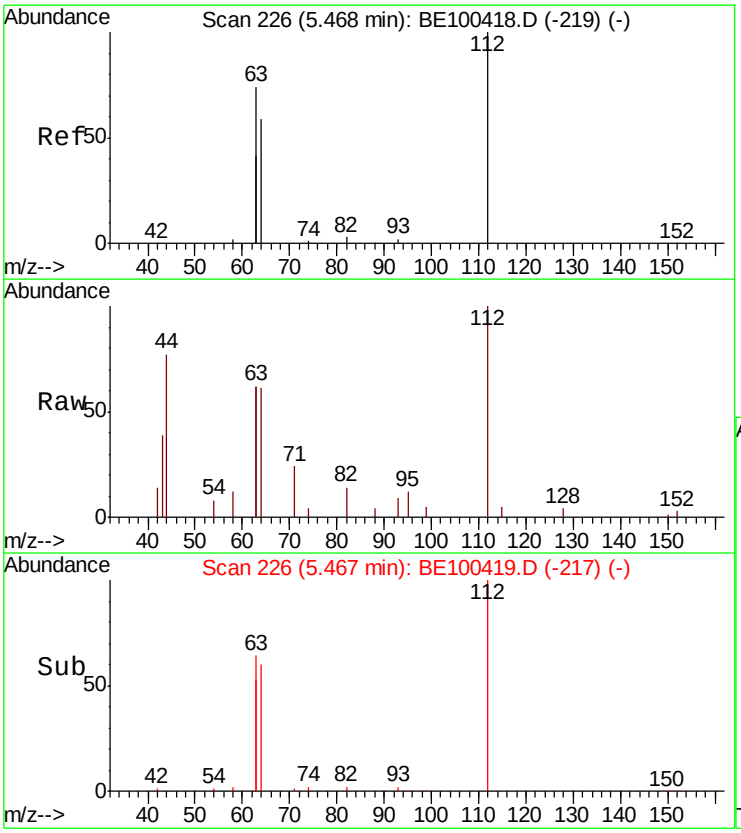
#3
n-Nitrosodimethylamine
Concen: 0.944 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3416

Ion	Ratio	Lower	Upper
42	100		
74	133.8	112.3	168.5
44	16.7	15.0	22.4

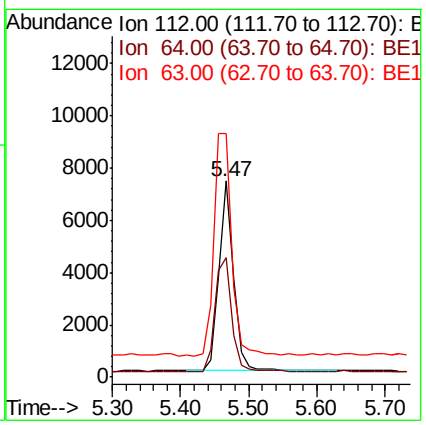


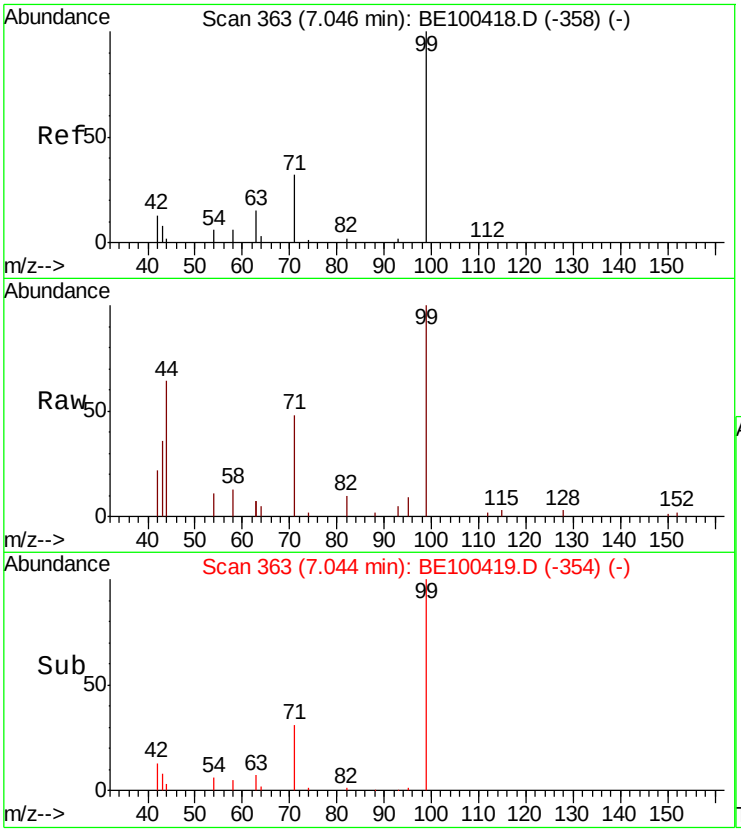


#4
2-Fluorophenol
Concen: 1.137 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:112 Resp: 11033

Ion	Ratio	Lower	Upper
112	100		
64	68.8	56.6	84.8
63	141.9	120.2	180.4



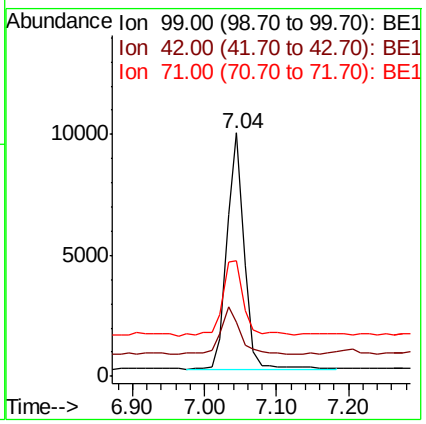


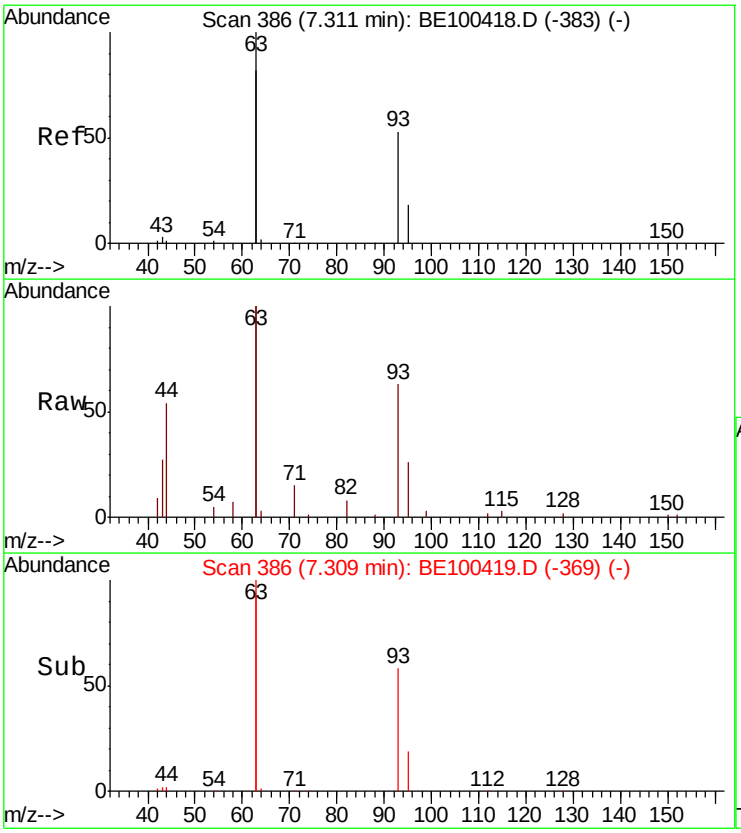
#5
Phenol-d6
Concen: 1.646 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 16128

Ion	Ratio	Lower	Upper
99	100		
42	21.7	0.0	0.0#
71	39.8	0.0	0.0#

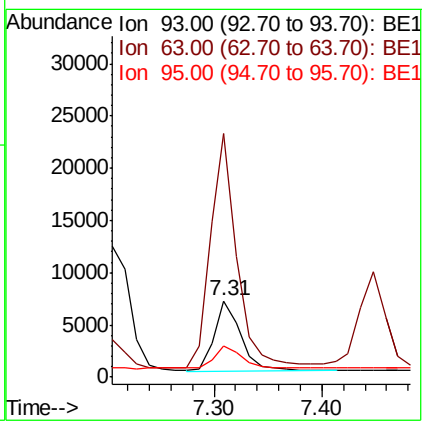


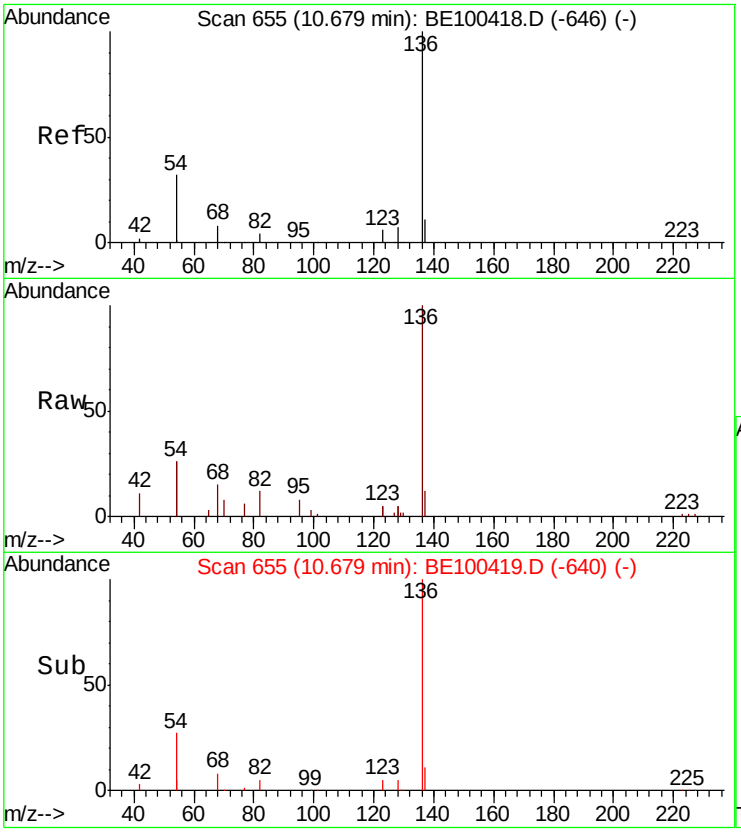


#6
bis(2-Chloroethyl)ether
Concen: 1.560 ng
RT: 7.31 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion: 93 Resp: 11582

Ion	Ratio	Lower	Upper
93	100		
63	333.2	101.4	152.2#
95	35.4	0.0	0.0#



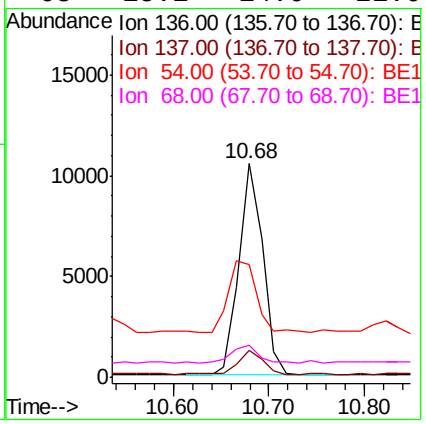


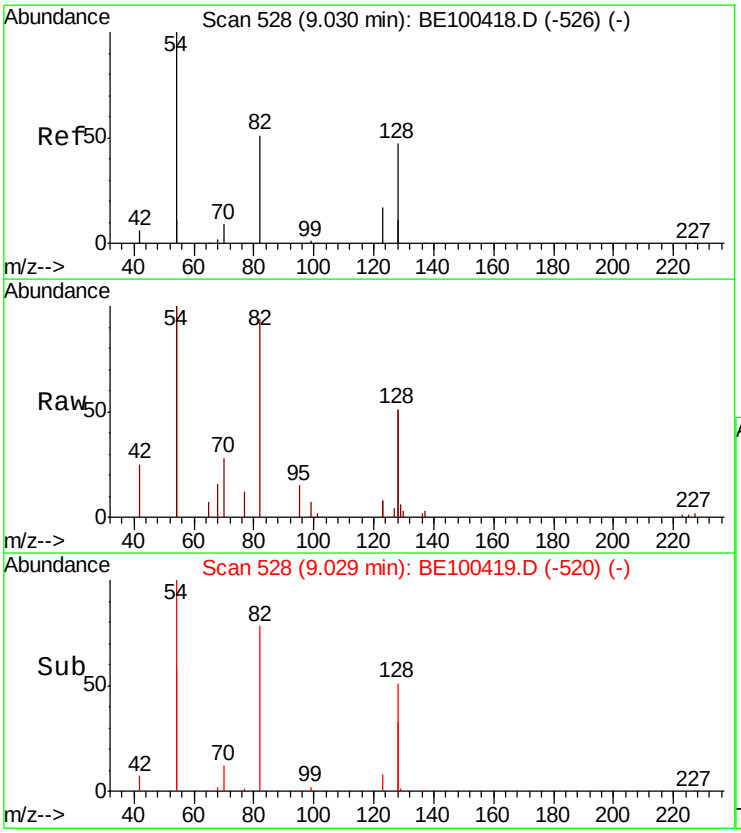
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 18230

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.1	15.1
54	52.9	49.8	74.6
68	15.1	14.0	21.0

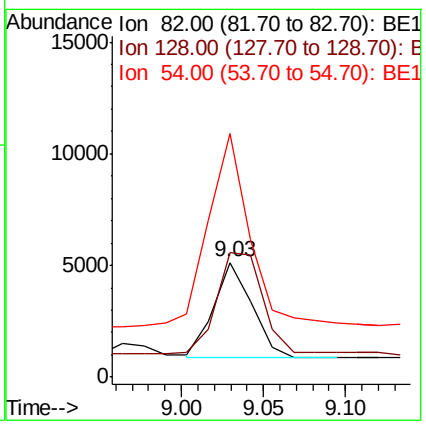


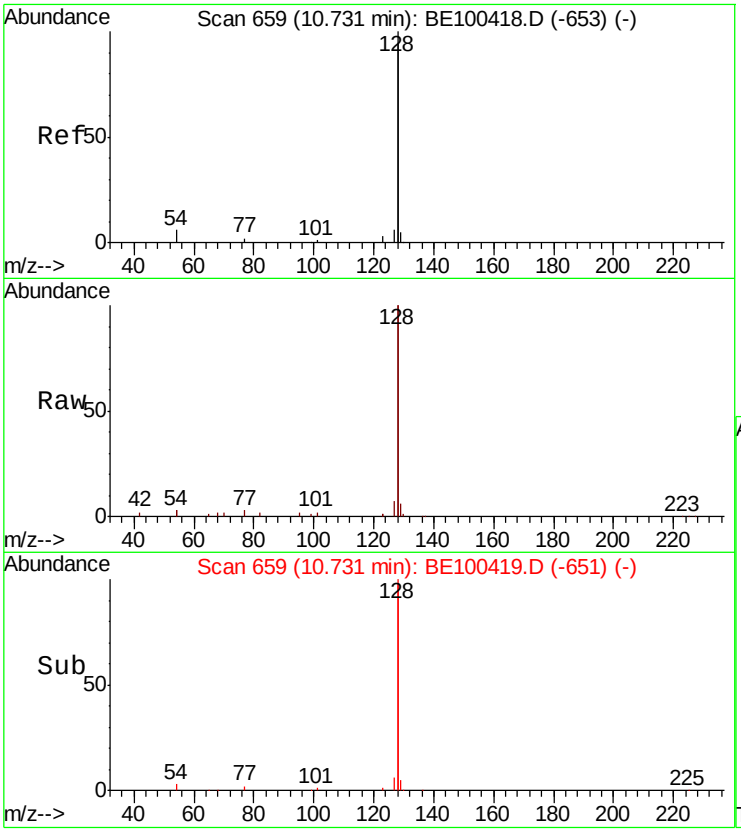


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion: 82 Resp: 6991

Ion	Ratio	Lower	Upper
82	100		
128	108.8	88.3	132.5
54	212.9	189.6	284.4



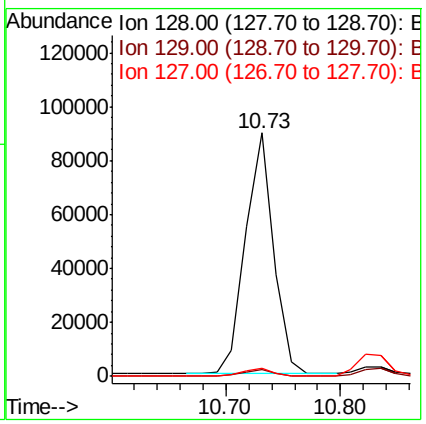


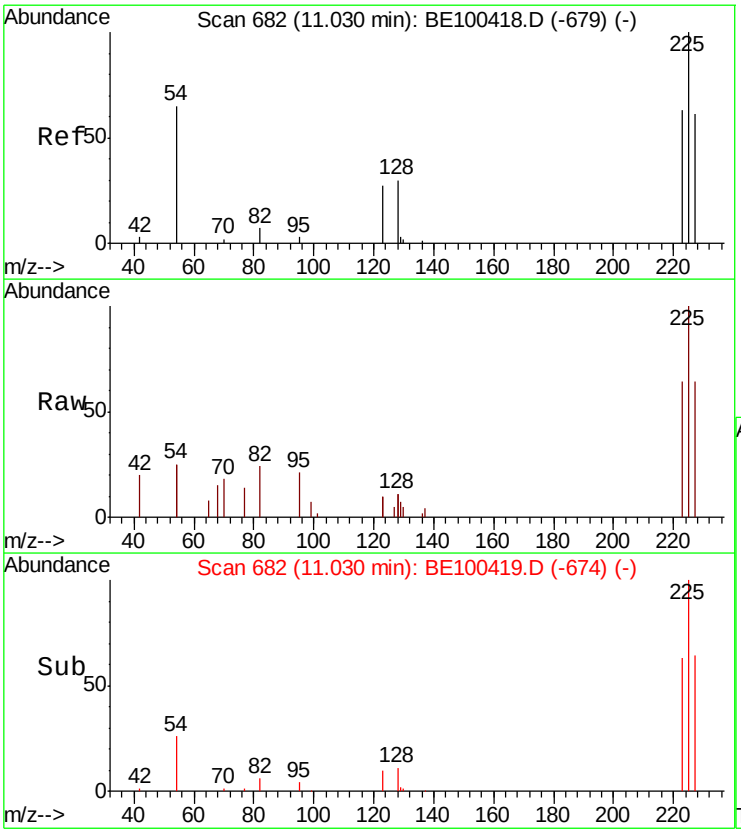
#9
Naphthalene
Concen: 0.776 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 151515

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.7	4.1
127	3.5	3.0	4.4

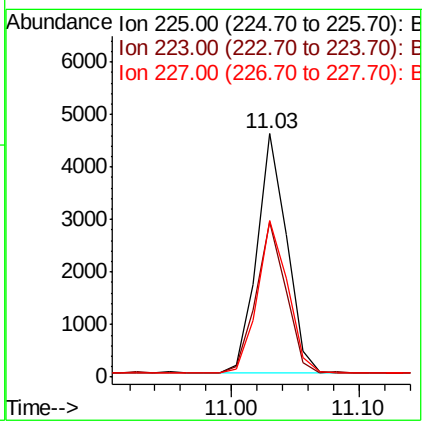


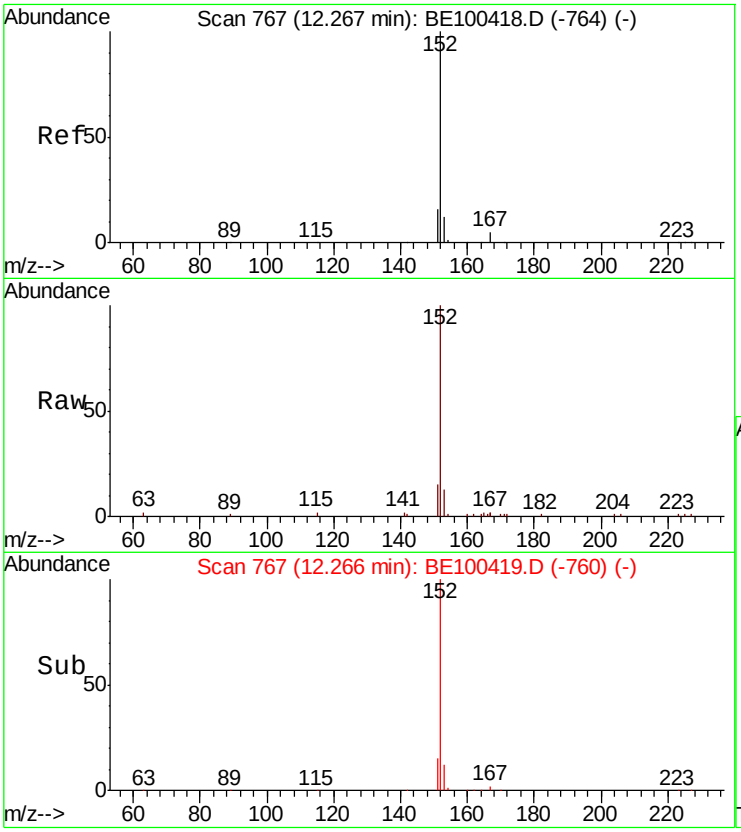


#10
Hexachlorobutadiene
Concen: 0.269 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:225 Resp: 7358

Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.2	72.4
227	64.4	47.8	71.6



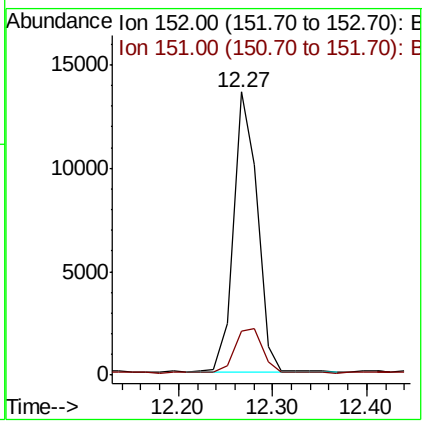


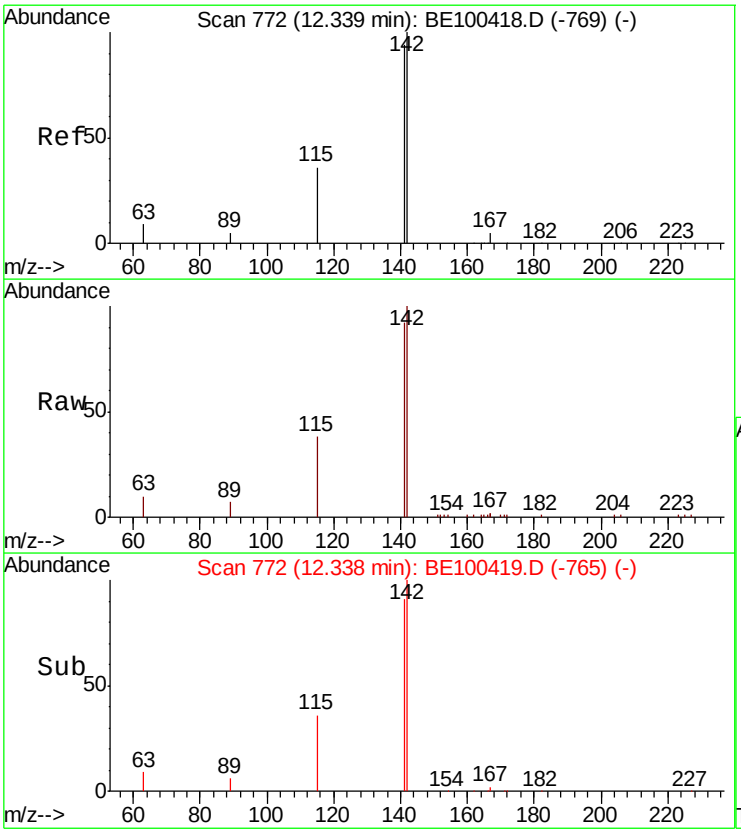
#11
2-Methylnaphthalene-d10
Concen: 0.748 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 23567

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.8	23.6

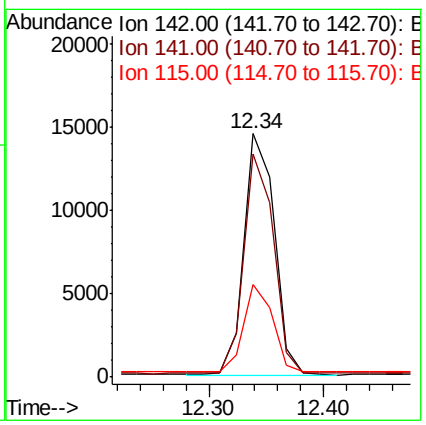


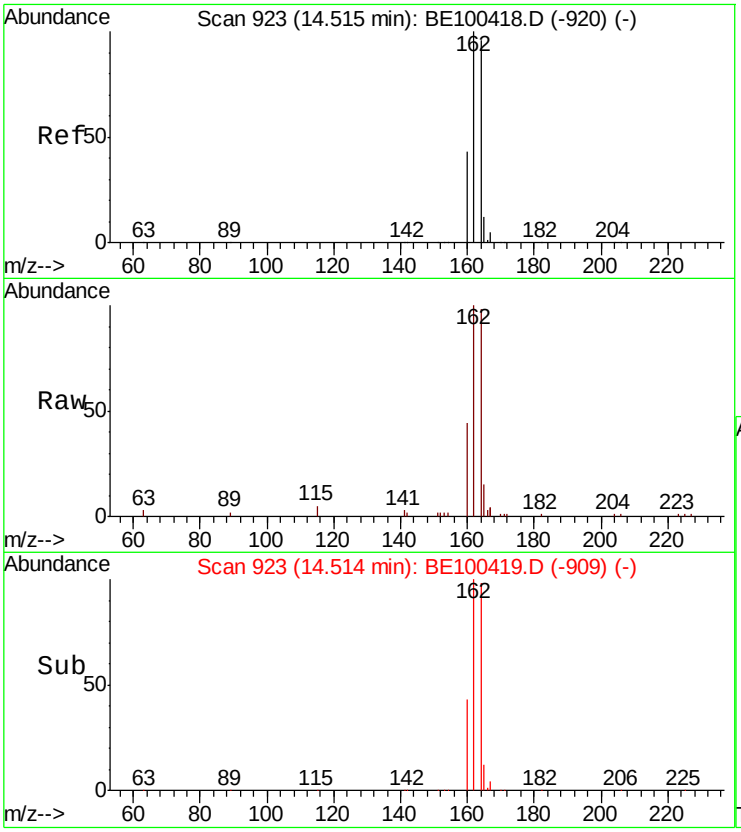


#12
2-Methylnaphthalene
Concen: 0.948 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:142 Resp: 26450

Ion	Ratio	Lower	Upper
142	100		
141	91.8	76.2	114.2
115	38.0	32.6	49.0



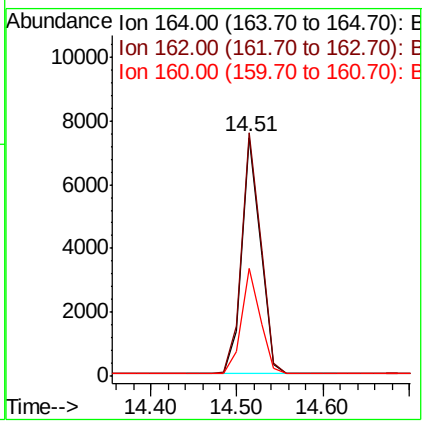


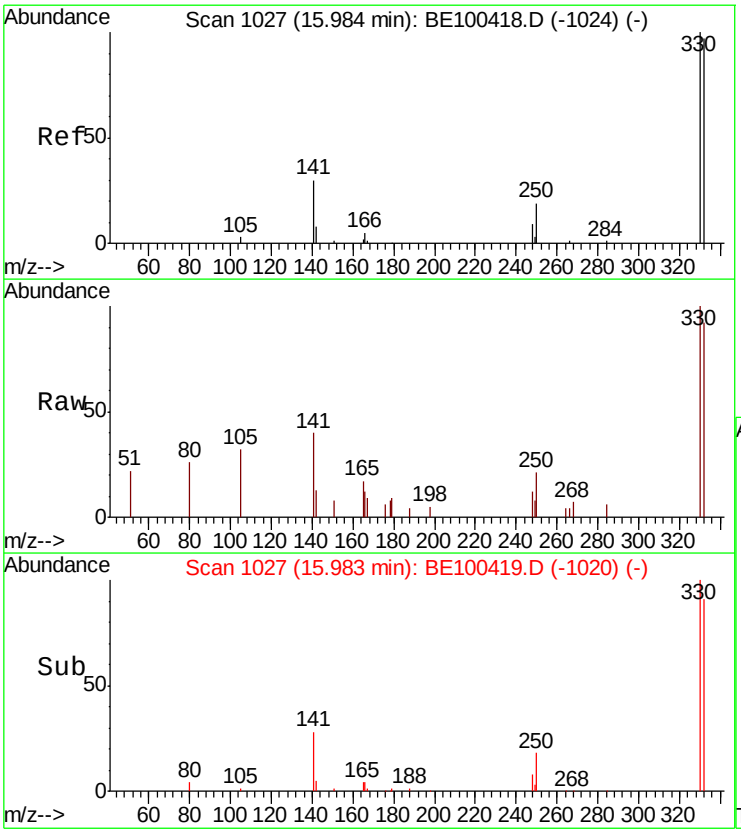
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 11027

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.4
160	45.2	37.0	55.4

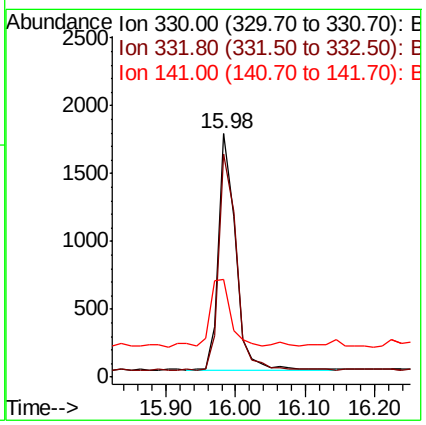


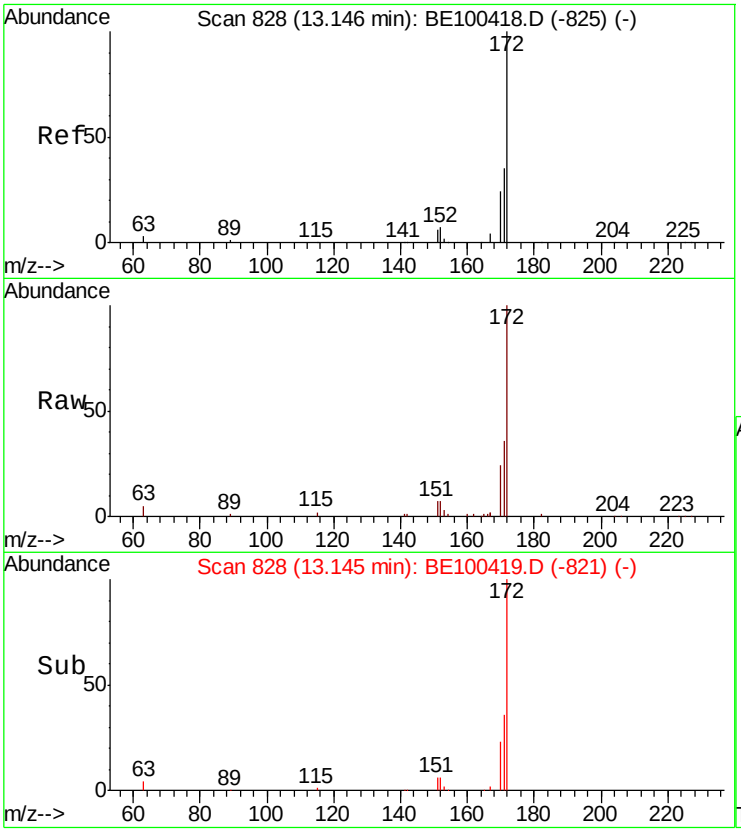


#14
2,4,6-Tribromophenol
Concen: 0.427 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:330 Resp: 2920

Ion	Ratio	Lower	Upper
330	100		
332	95.4	82.2	123.2
141	34.0	30.0	45.0



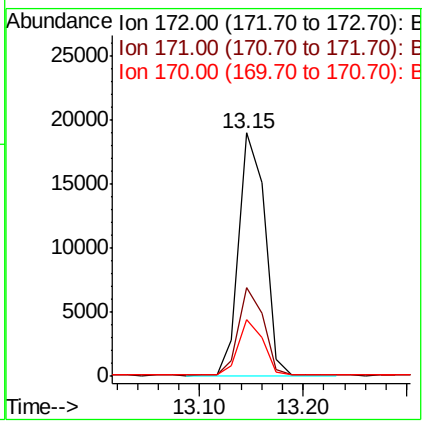


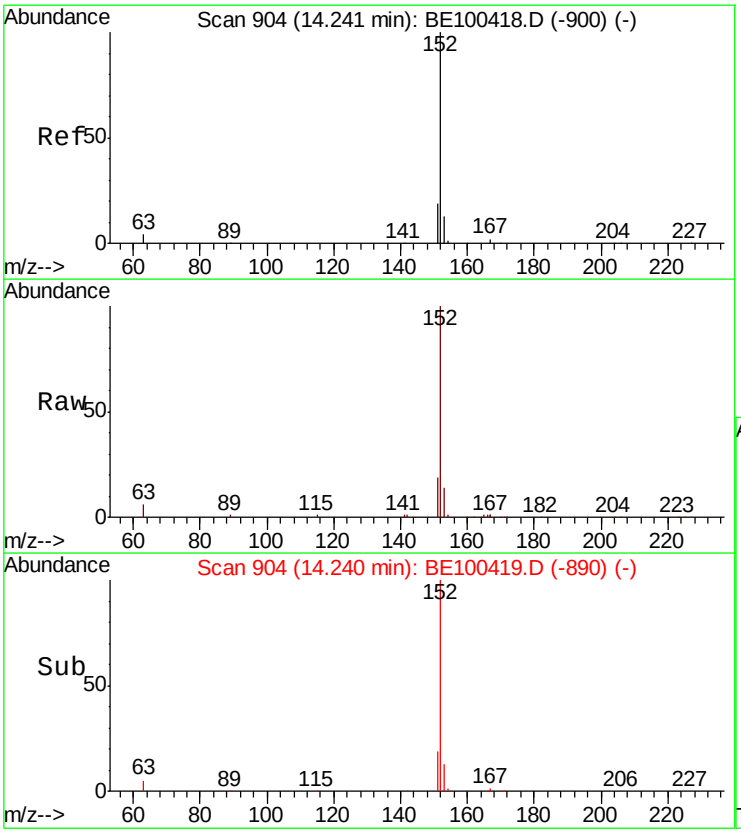
#15
2-Fluorobiphenyl
Concen: 0.680 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 32921

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	23.6	19.7	29.5

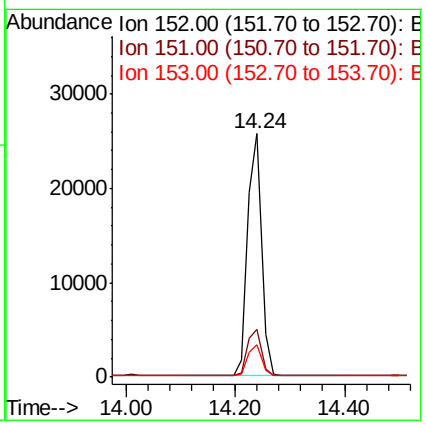


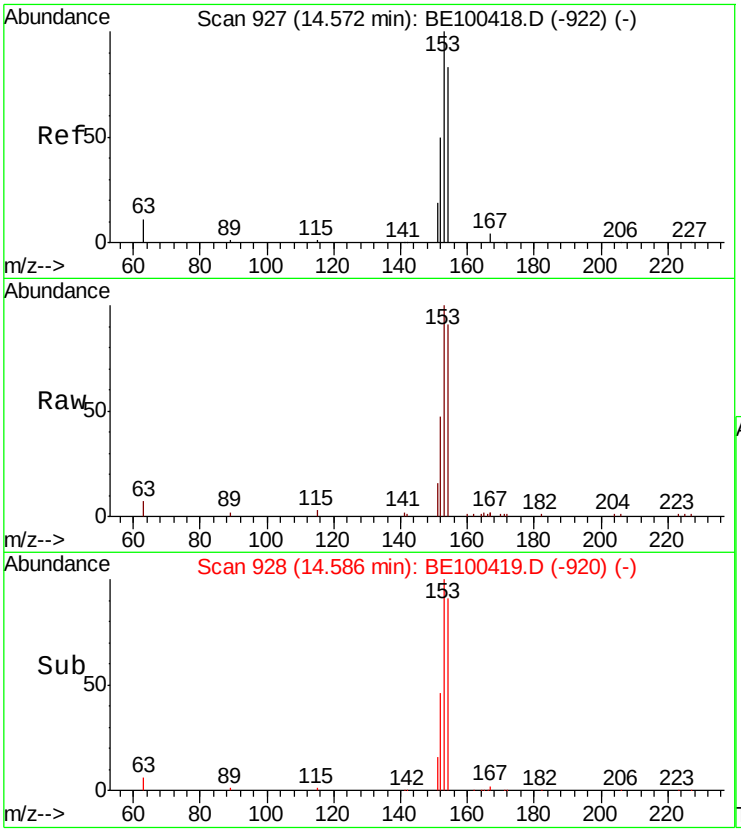


#16
Acenaphthylene
Concen: 0.845 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:152 Resp: 44468

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.1	10.9	16.3



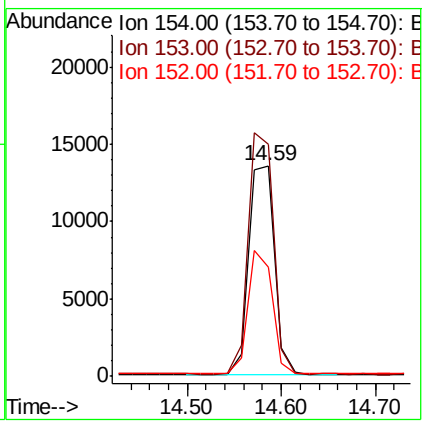


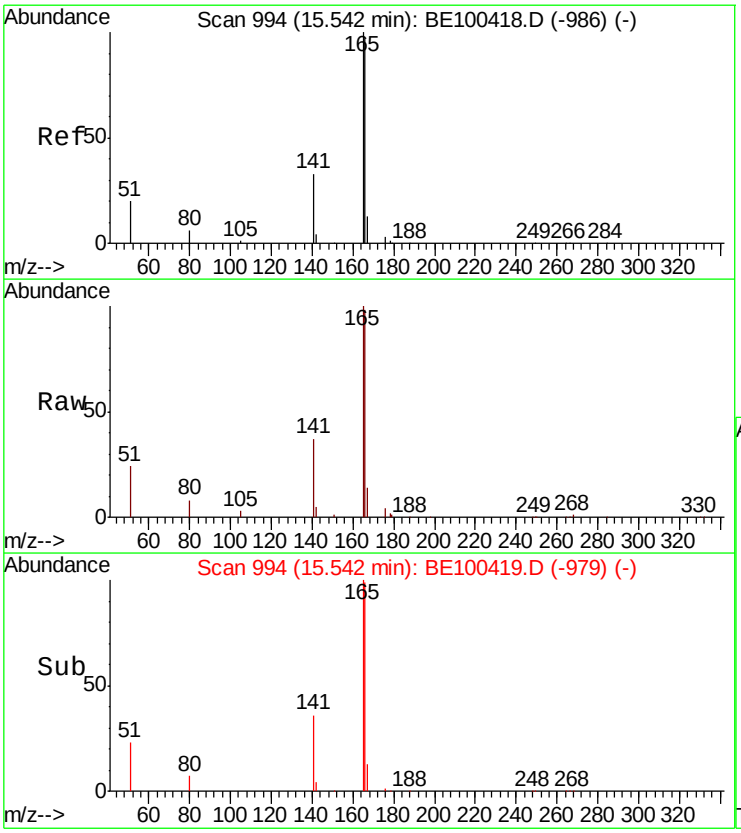
#17
Acenaphthene
Concen: 0.869 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.01 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 26025

Ion	Ratio	Lower	Upper
154	100		
153	112.8	92.6	138.8
152	55.0	44.5	66.7

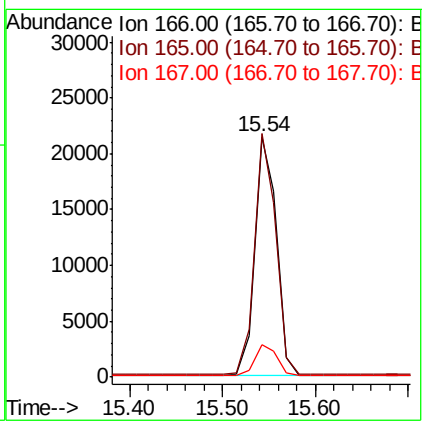


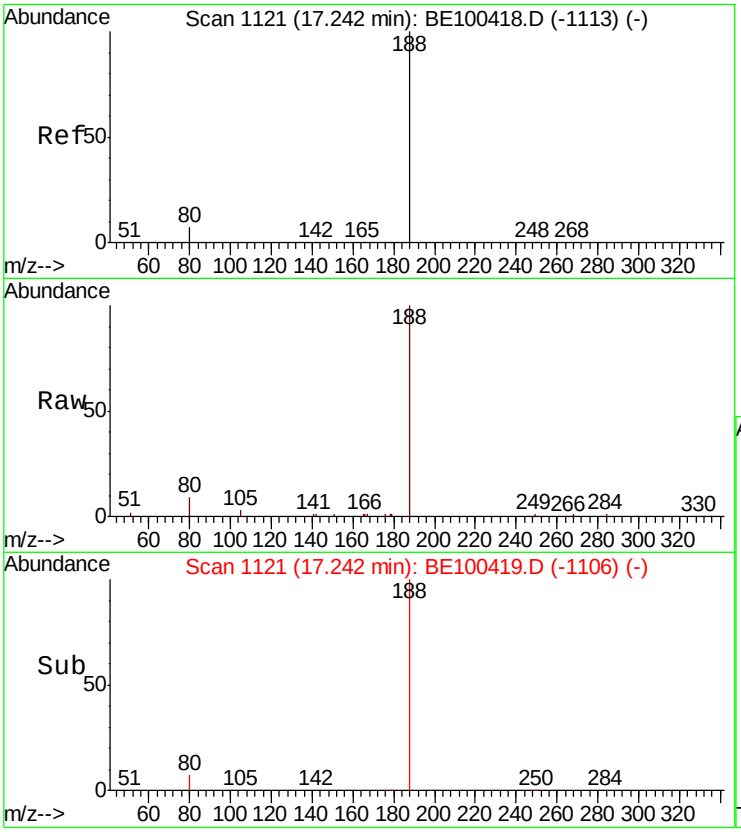


#18
Fluorene
Concen: 0.697 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:166 Resp: 34765

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.0	120.0
167	13.3	11.0	16.4



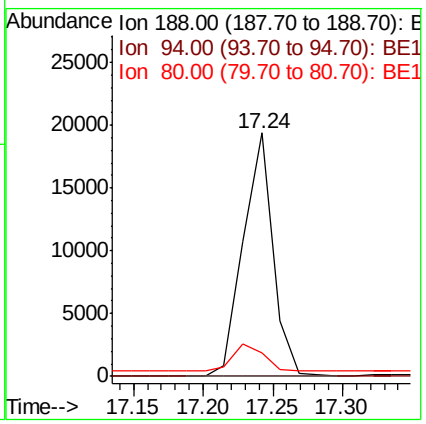


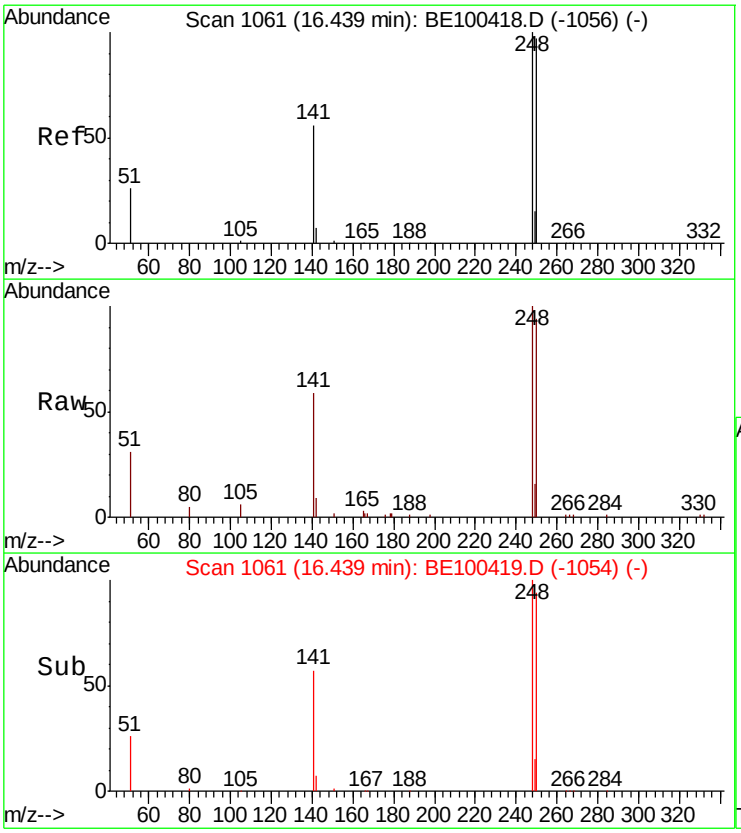
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 28387

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.7	11.5

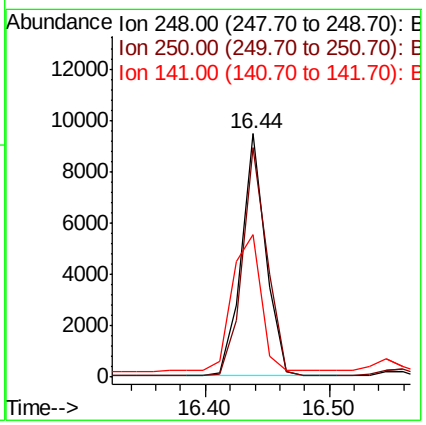


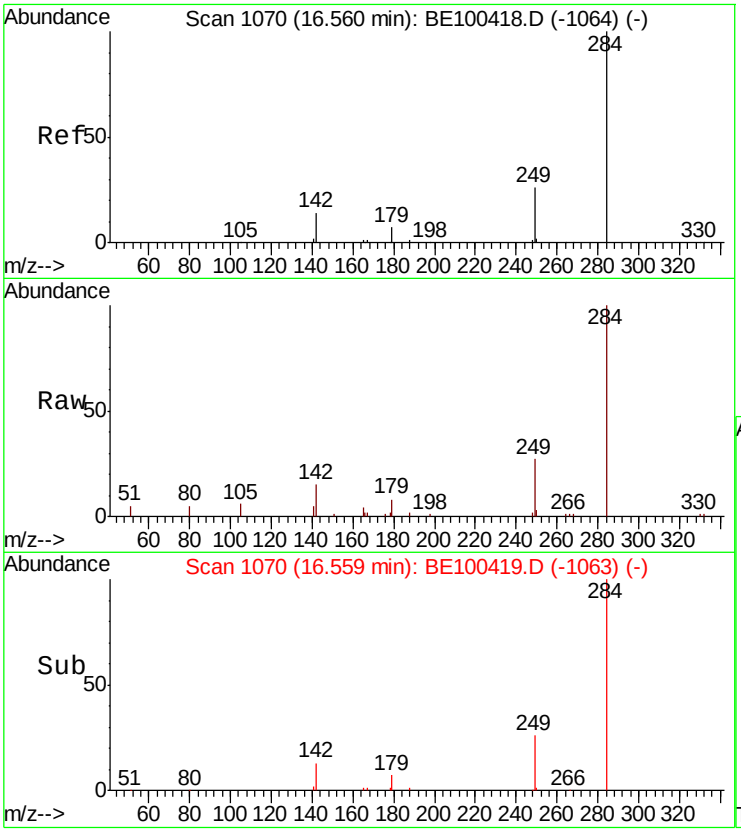


#20
4-Bromophenyl-phenylether
Concen: 0.737 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:248 Resp: 12743

Ion	Ratio	Lower	Upper
248	100		
250	94.2	77.8	116.6
141	58.6	49.0	73.6



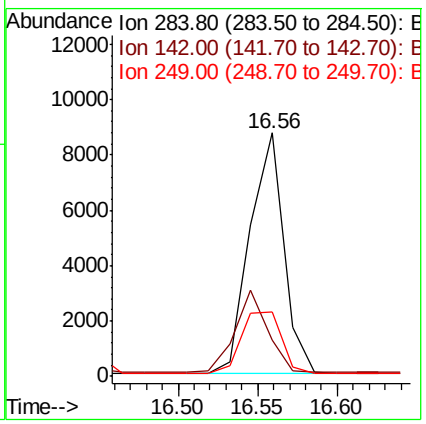


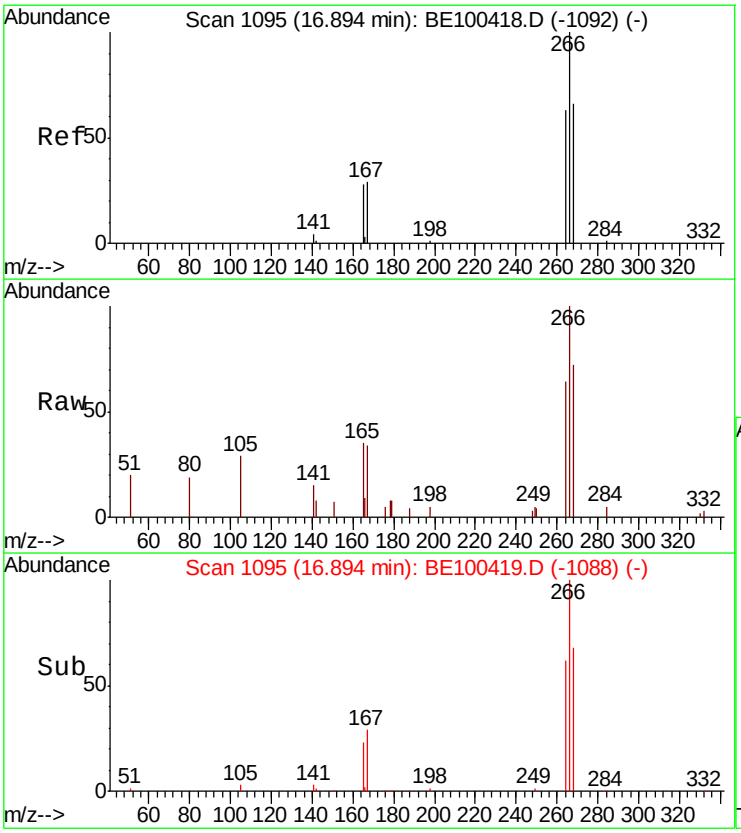
#21
Hexachlorobenzene
Concen: 0.569 ng
RT: 16.56 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 13090

Ion	Ratio	Lower	Upper
284	100		
142	32.3	26.7	40.1
249	30.7	25.6	38.4

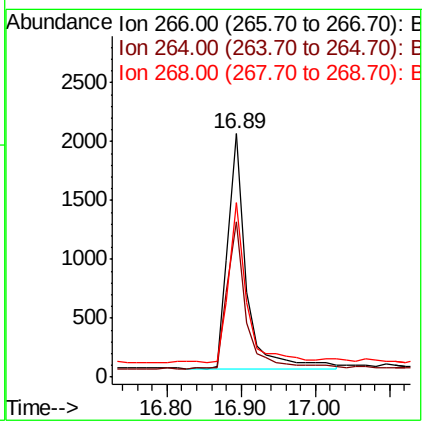


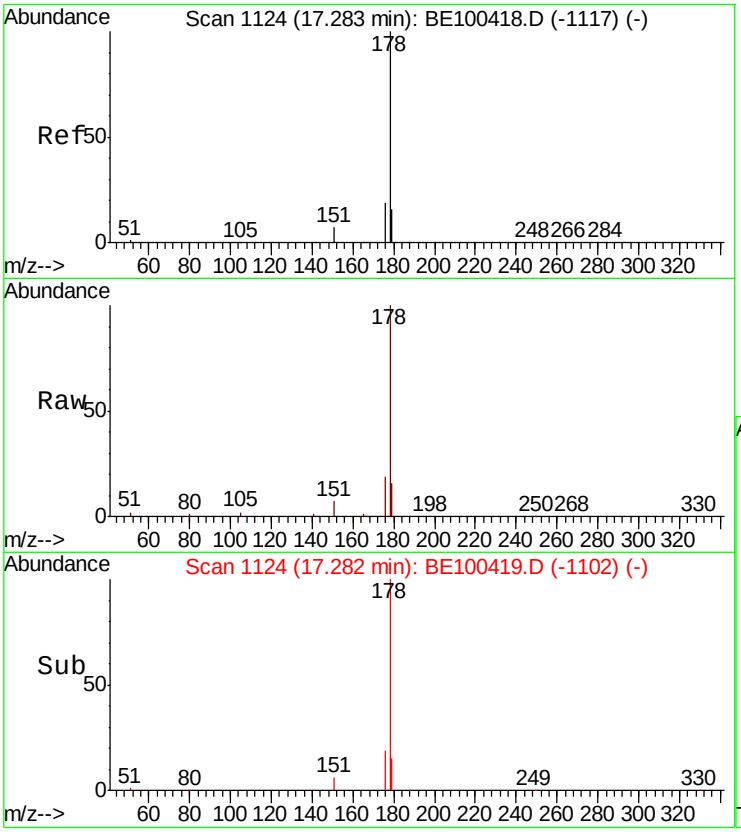


#22
Pentachlorophenol
Concen: 1.203 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:266 Resp: 3463

Ion	Ratio	Lower	Upper
266	100		
264	63.6	53.3	79.9
268	71.7	59.1	88.7



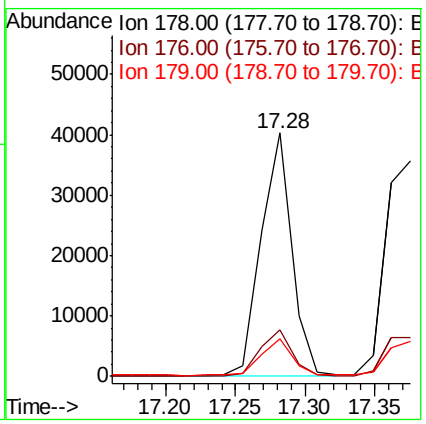


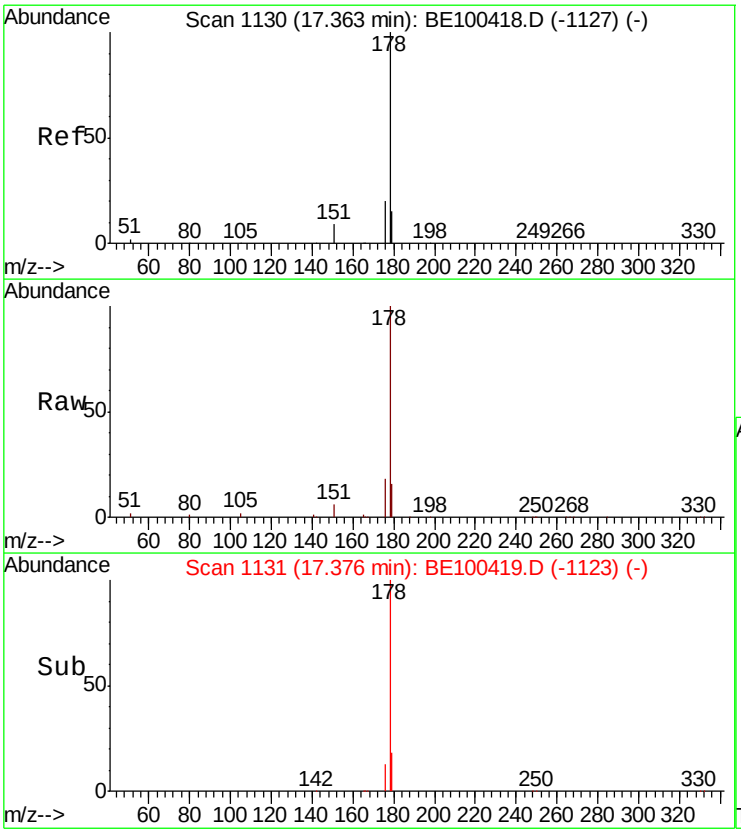
#23
Phenanthrene
Concen: 0.906 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 61254

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.4	12.6	18.8

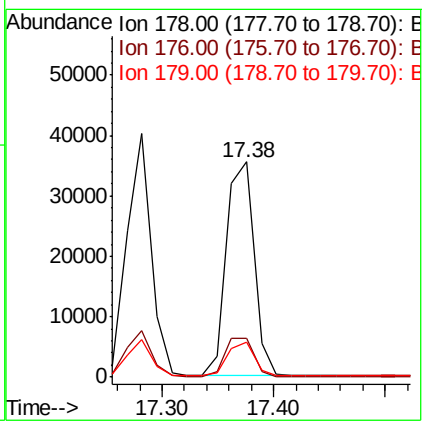


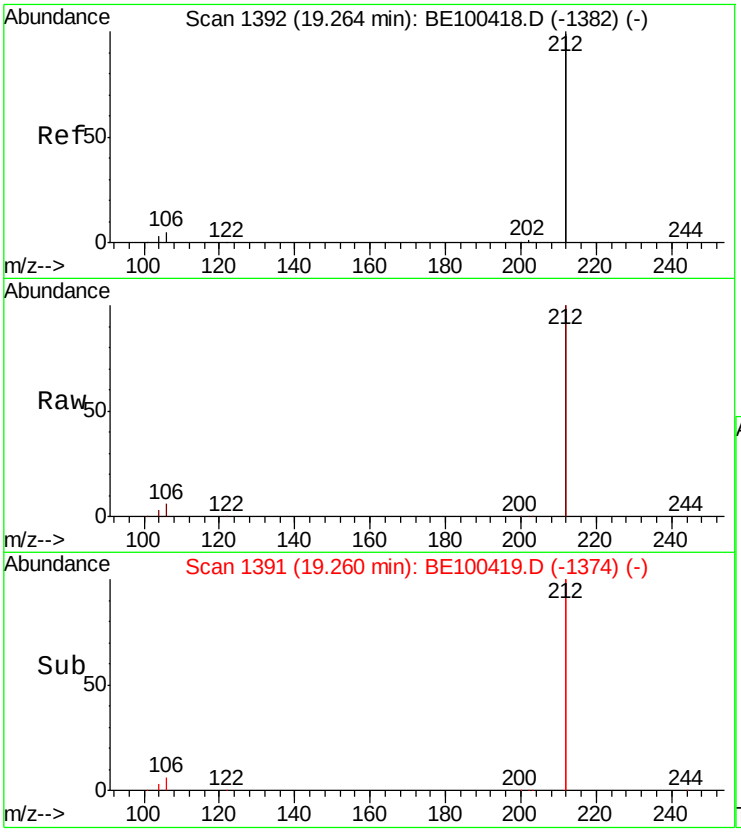


#24
Anthracene
Concen: 1.110 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:178 Resp: 61253

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.1	12.6	19.0



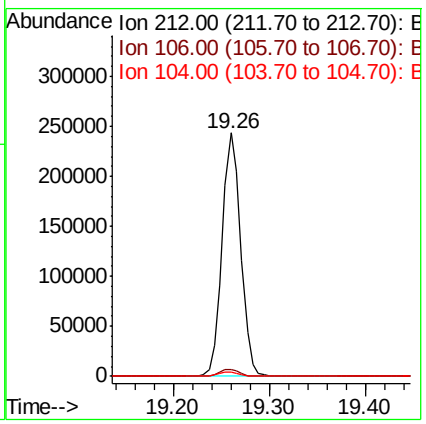


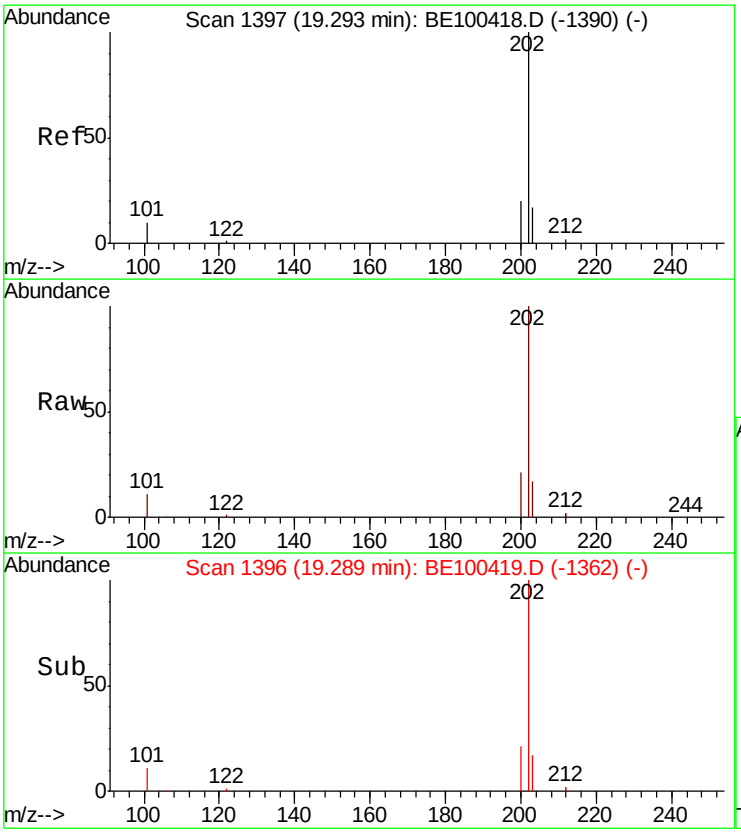
#25
Fluoranthene-d10
Concen: 0.696 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 325942

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.5	3.7
104	1.7	1.4	2.0

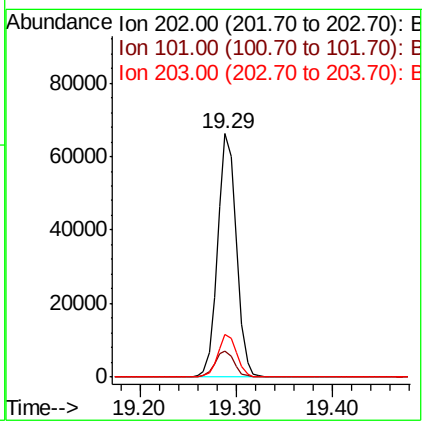


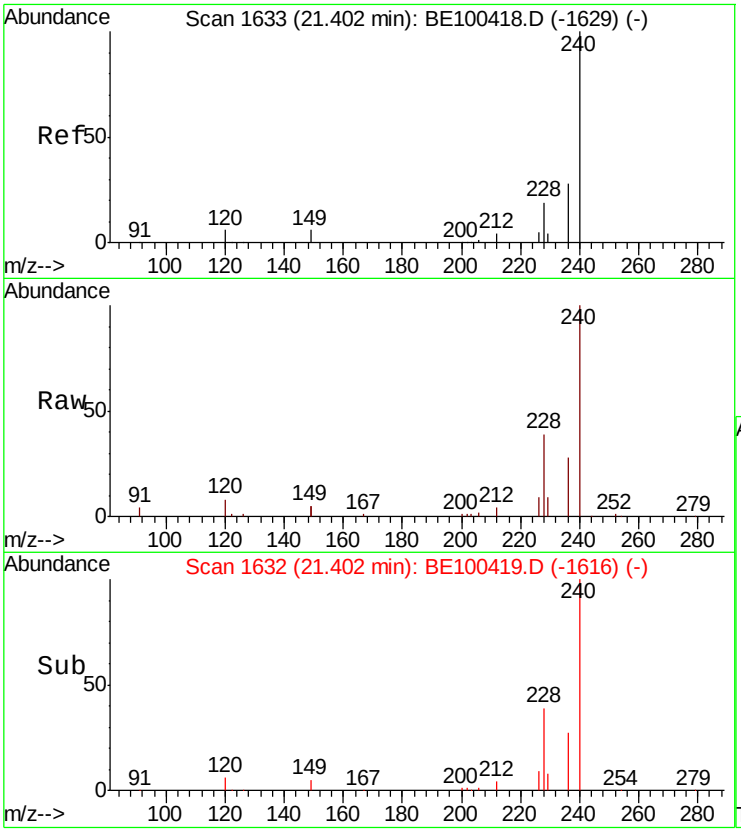


#26
Fluoranthene
Concen: 0.702 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:202 Resp: 89087

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
203	17.1	13.8	20.6



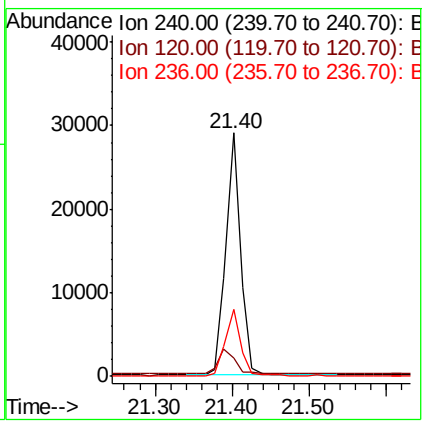


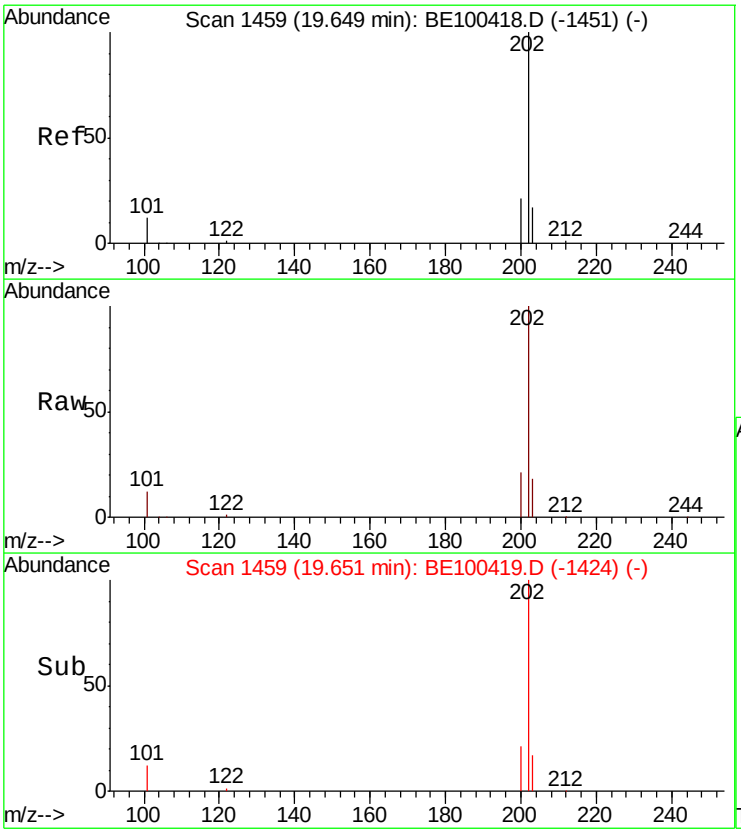
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 38695

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.1	9.1
236	27.7	22.5	33.7

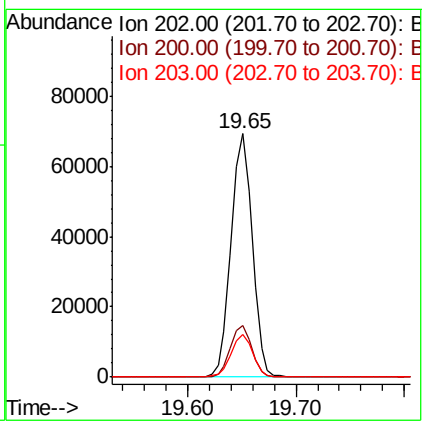


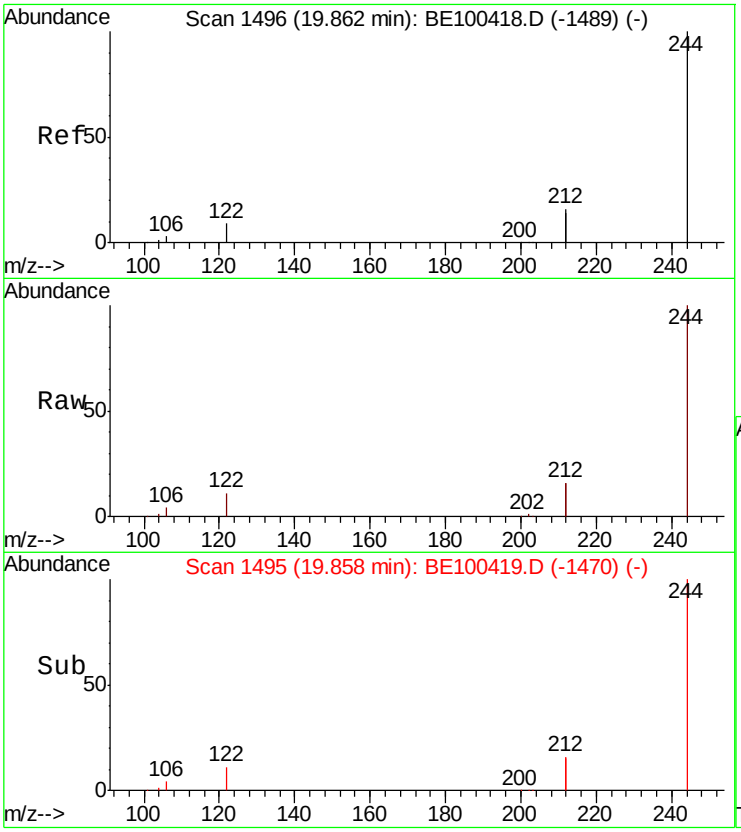


#28
Pyrene
Concen: 1.050 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:202 Resp: 93097

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.4	14.1	21.1



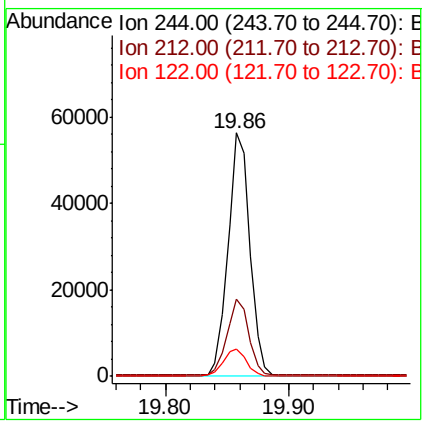


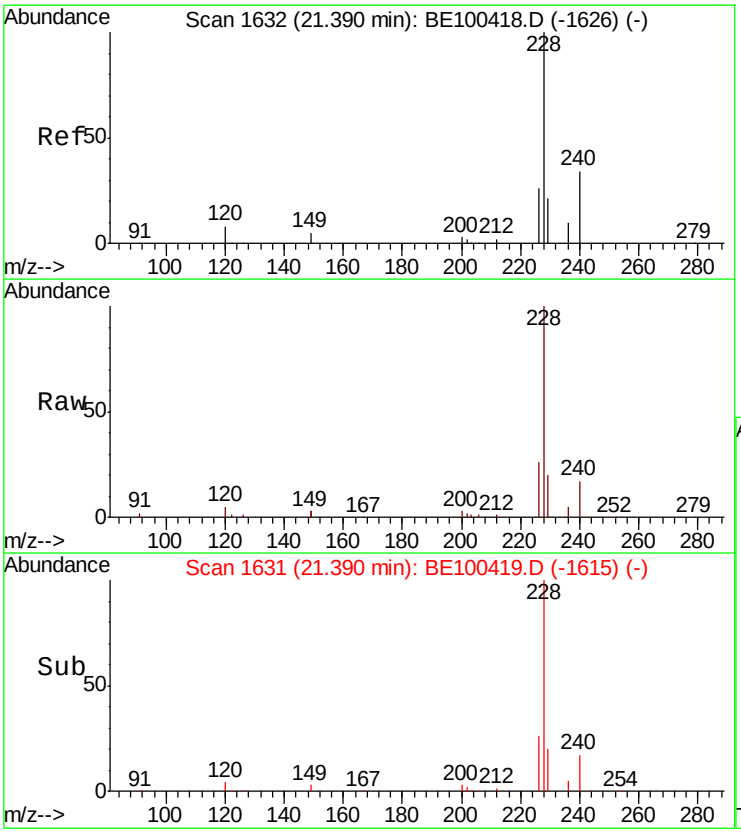
#29
Terphenyl-d14
Concen: 0.966 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 69025

Ion	Ratio	Lower	Upper
244	100		
212	32.0	25.0	37.6
122	11.4	7.7	11.5

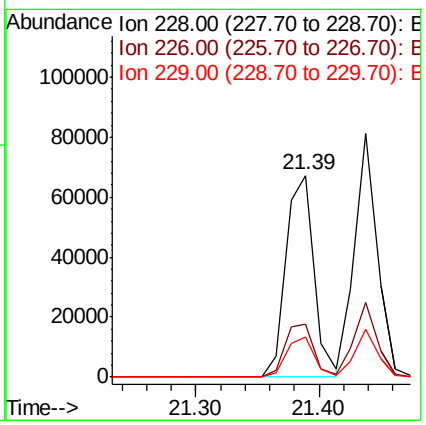


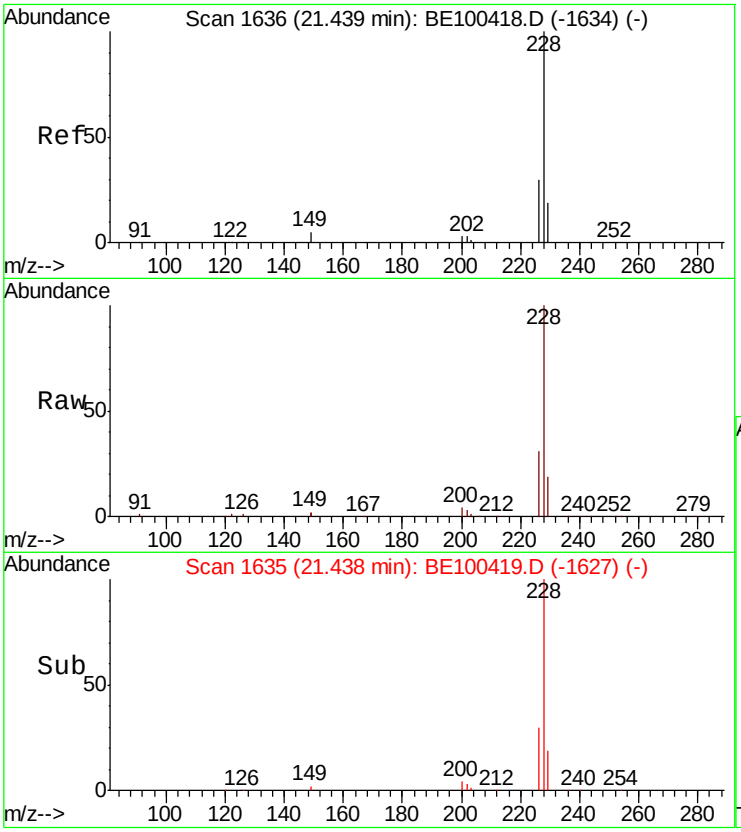


#30
Benzo(a)anthracene
Concen: 0.975 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:228 Resp: 106553

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.0	31.4
229	20.1	16.7	25.1



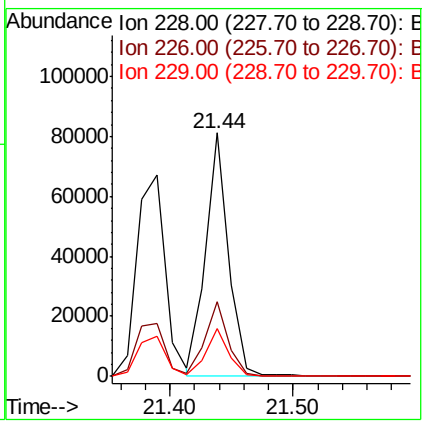


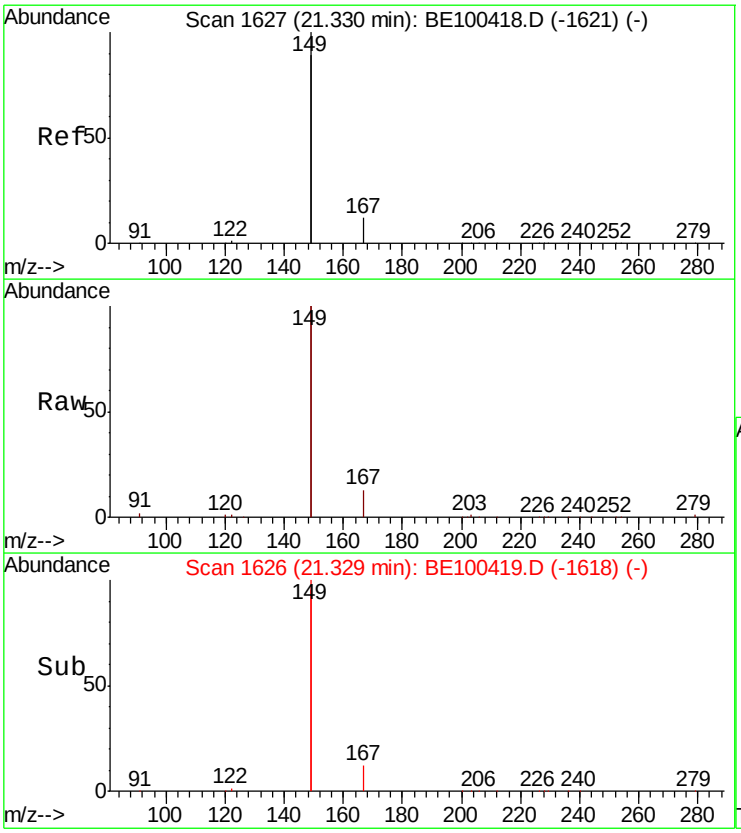
#31
Chrysene
Concen: 0.832 ng
RT: 21.44 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 103831

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	19.4	15.7	23.5

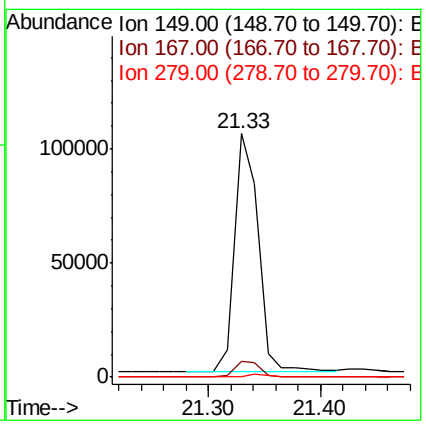


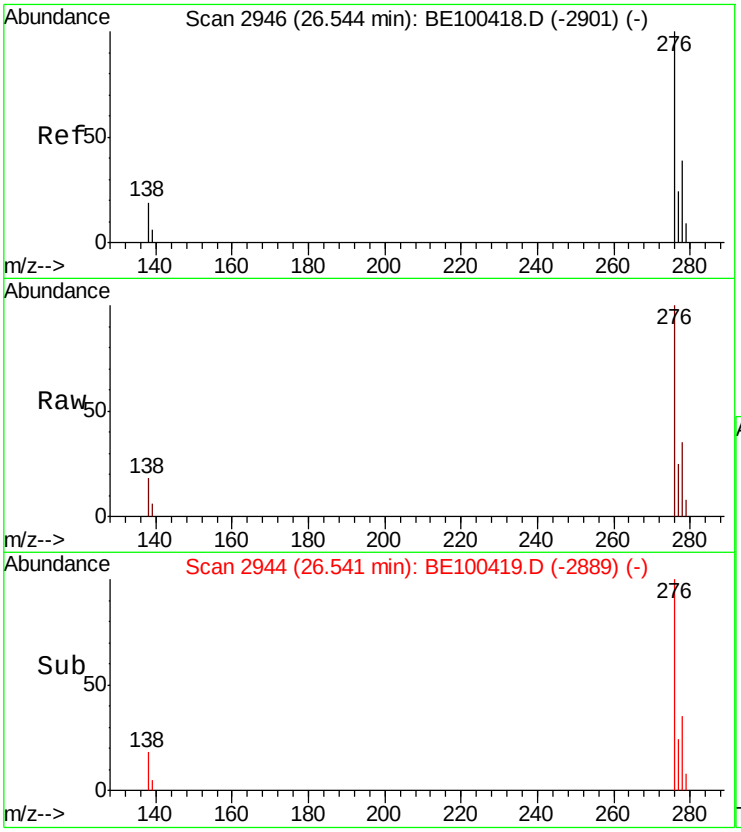


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.607 ng
RT: 21.33 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:149 Resp: 151452

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.2
279	0.9	0.8	1.2



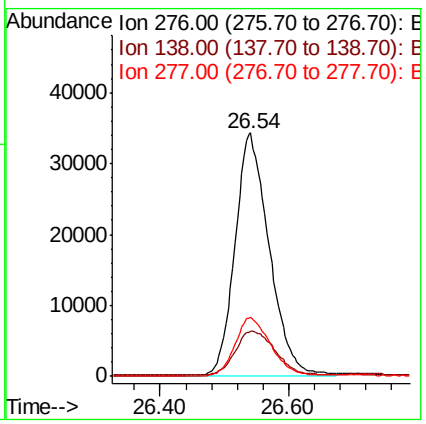


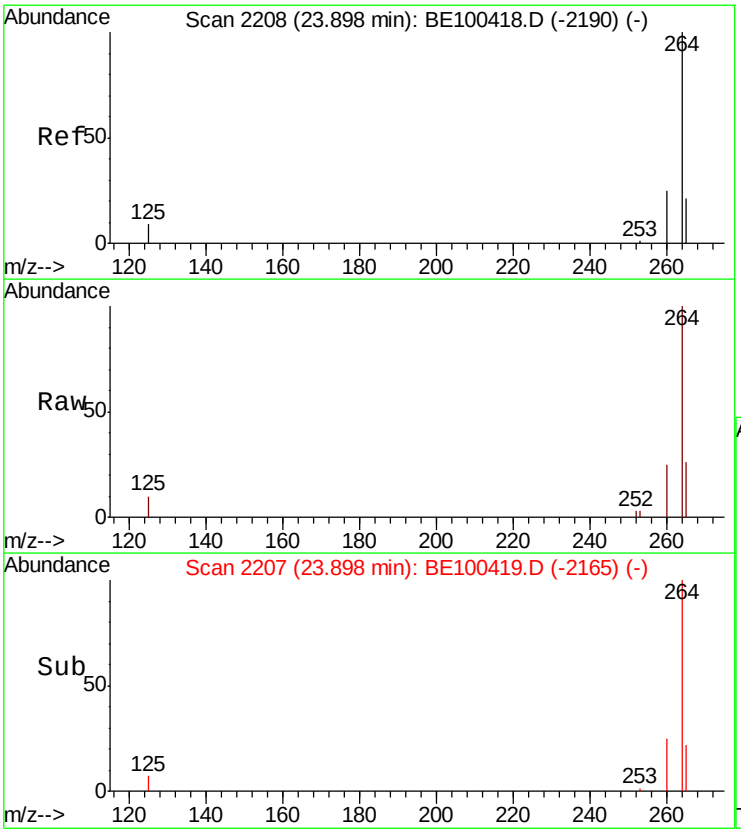
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.726 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 126617

Ion	Ratio	Lower	Upper
276	100		
138	20.8	0.0	0.0#
277	24.9	0.0	0.0#

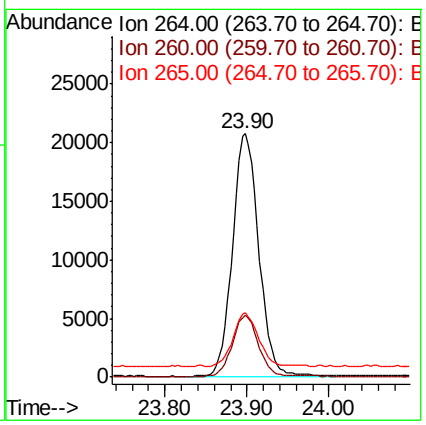


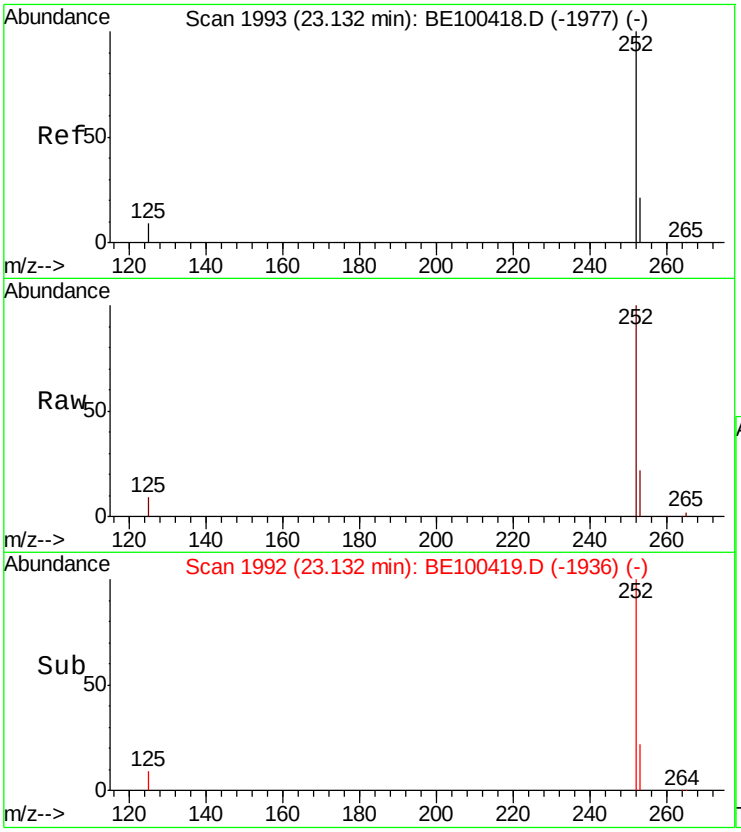


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:264 Resp: 45847

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	26.3	20.8	31.2



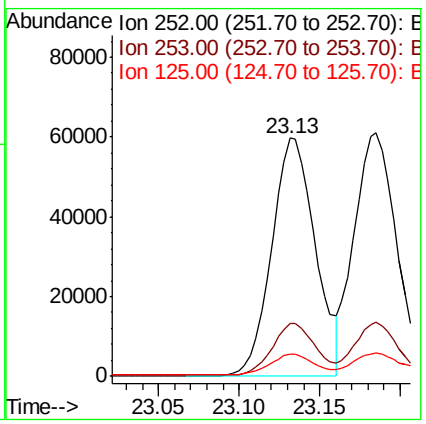


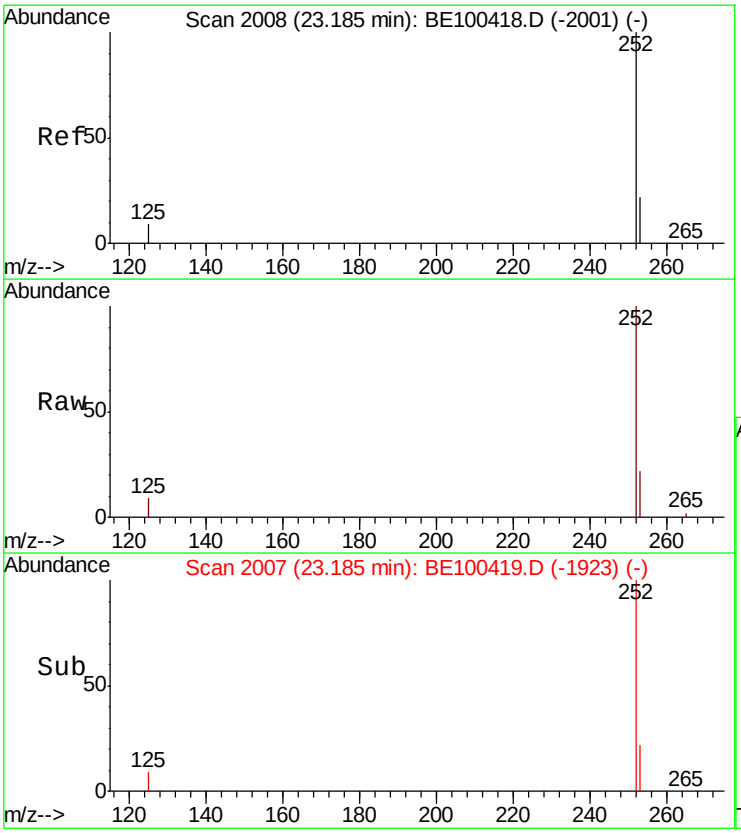
#35
Benzo(b)fluoranthene
Concen: 0.920 ng
RT: 23.13 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 112509

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.4	8.5	12.7

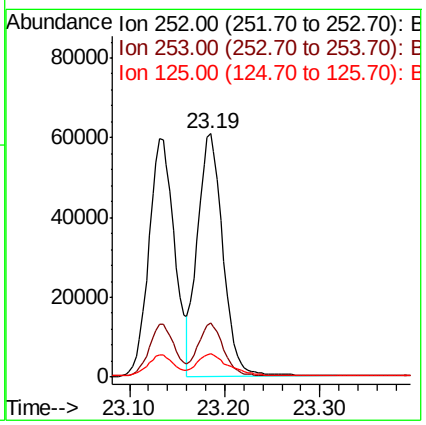


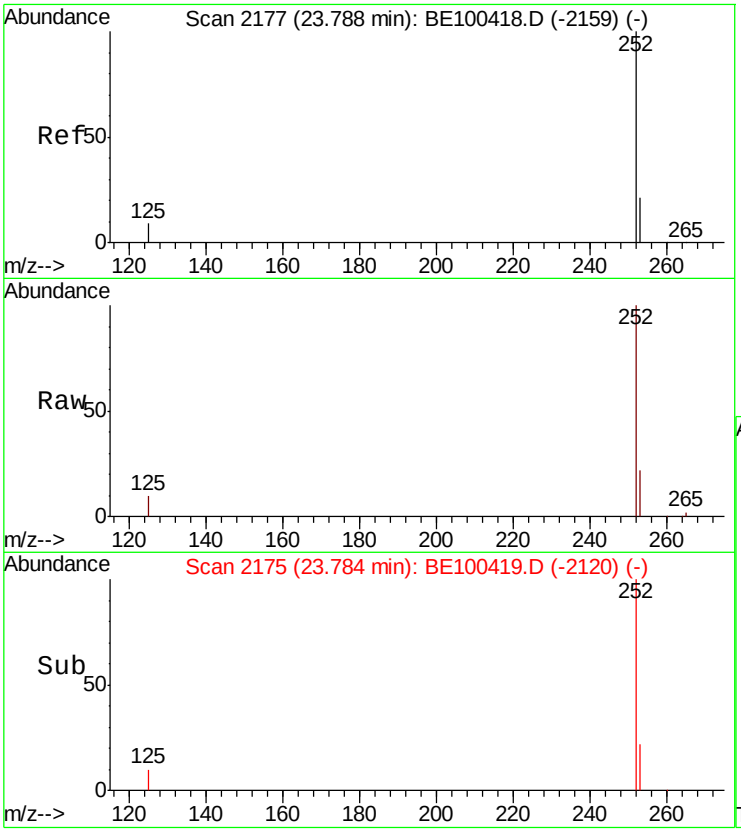


#36
Benzo(k)fluoranthene
Concen: 0.746 ng
RT: 23.19 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:252 Resp: 113040

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	9.4	8.5	12.7



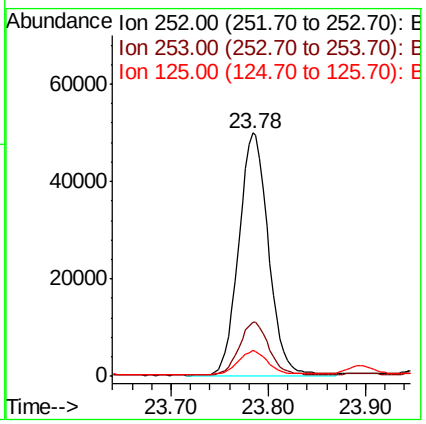


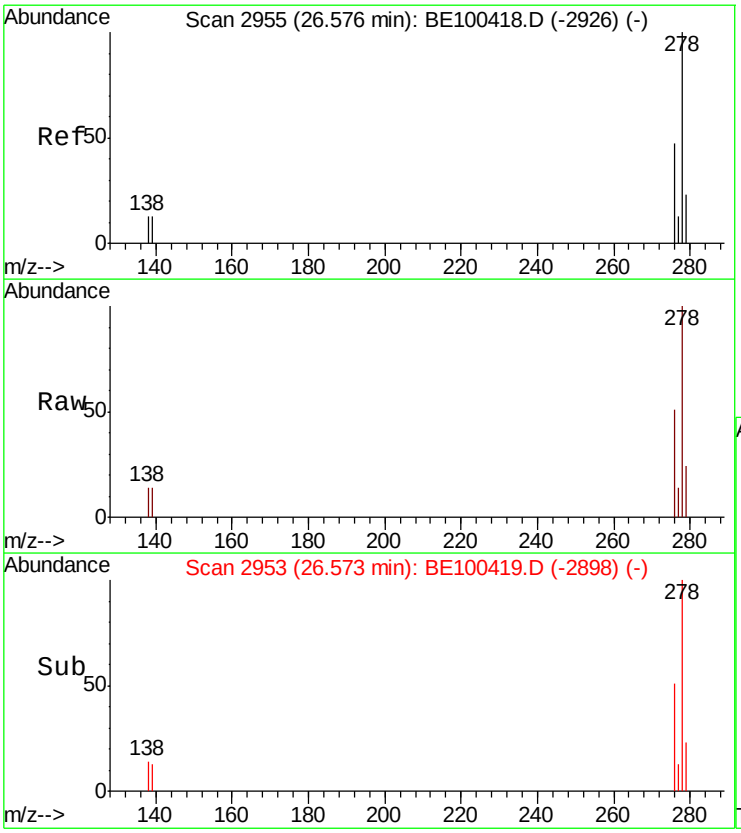
#37
Benzo(a)pyrene
Concen: 0.817 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 105217

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.5	9.0	13.6

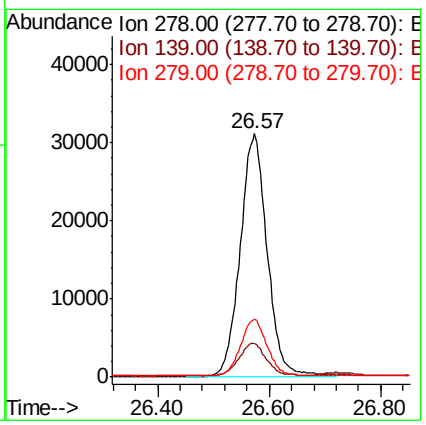


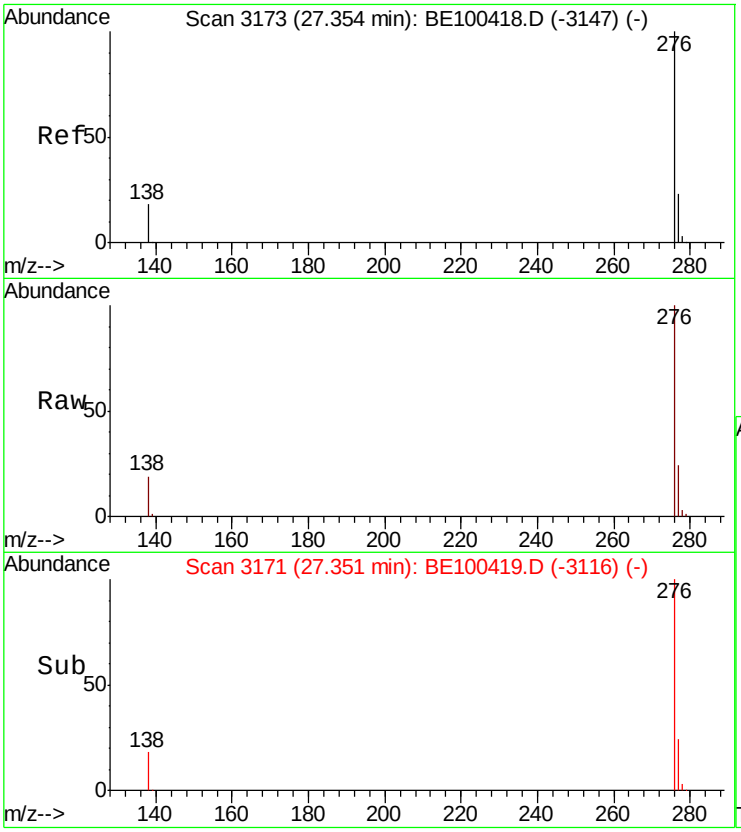


#38
Dibenzo(a,h)anthracene
Concen: 0.822 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Tgt Ion:278 Resp: 104288

Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.6	17.4
279	23.8	19.4	29.0





#39
Benzo(g,h,i)perylene
Concen: 0.691 ng
RT: 27.35 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BE100419.D
Acq: 12 Jul 2019 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 104409

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	18.8	15.7	23.5