Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100106.D
Acq On : 20 Jun 2019 13:38
Operator : JU/SJ
Sample : PB120548BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120548BS

Quant Time: Jun 21 01:44:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	372	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	1456	0.40	ng		0.00
13) Acenaphthene-d10	14.41	164	1259	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	4251	0.40	ng		0.00
27) Chrysene-d12	21.34	240	7324	0.40	ng		0.00
34) Perylene-d12	23.84	264	8189	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	193	0.25	ng		-0.01
5) Phenol-d6	6.96	99	350	0.33	ng		0.04
8) Nitrobenzene-d5	8.93	82	472	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.17	152	1159	0.42	ng		0.01
14) 2,4,6-Tribromophenol	15.92	330	274	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.06	172	2053	0.41	ng		0.01
25) Fluoranthene-d10	19.20	212	25414	0.42	ng		0.00
29) Terphenyl-d14	19.80	244	5033	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	292	0.489	ng		89
3) n-Nitrosodimethylamine	3.58	42	47	0.461	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	344	0.348	ng	#	50
9) Naphthalene	10.59	128	6556	0.414	ng	#	97
10) Hexachlorobutadiene	10.85	225	630	0.405	ng		97
12) 2-Methylnaphthalene	12.24	142	1066	0.410	ng		96
16) Acenaphthylene	14.14	152	2669	0.447	ng		98
17) Acenaphthene	14.47	154	1412	0.423	ng		95
18) Fluorene	15.46	166	2251	0.452	ng		99
20) 4-Bromophenyl-phenylether	16.36	248	1041	0.412	ng		99
21) Hexachlorobenzene	16.46	284	1085	0.389	ng		96
22) Pentachlorophenol	16.85	266	430	0.717	ng		86
23) Phenanthrene	17.20	178	4280	0.420	ng		98
24) Anthracene	17.29	178	3264	0.380	ng		98
26) Fluoranthene	19.22	202	7225	0.442	ng		100
28) Pyrene	19.59	202	7308	0.388	ng		100
30) Benzo(a)anthracene	21.33	228	8018	0.368	ng		99
31) Chrysene	21.38	228	10172	0.402	ng		99
32) Bis(2-ethylhexyl)phthalate	21.25	149	9934	0.483	ng		100
33) Indeno(1,2,3-cd)pyrene	26.48	276	12177	0.427	ng		100
35) Benzo(b)fluoranthene	23.12	252	10584	0.440	ng		97
36) Benzo(k)fluoranthene	23.12	252	10997	0.402	ng		98
37) Benzo(a)pyrene	23.72	252	9656	0.416	ng	#	95
38) Dibenzo(a,h)anthracene	26.50	278	9605	0.404	ng		100
39) Benzo(g,h,i)perylene	27.29	276	10204	0.413	ng		98

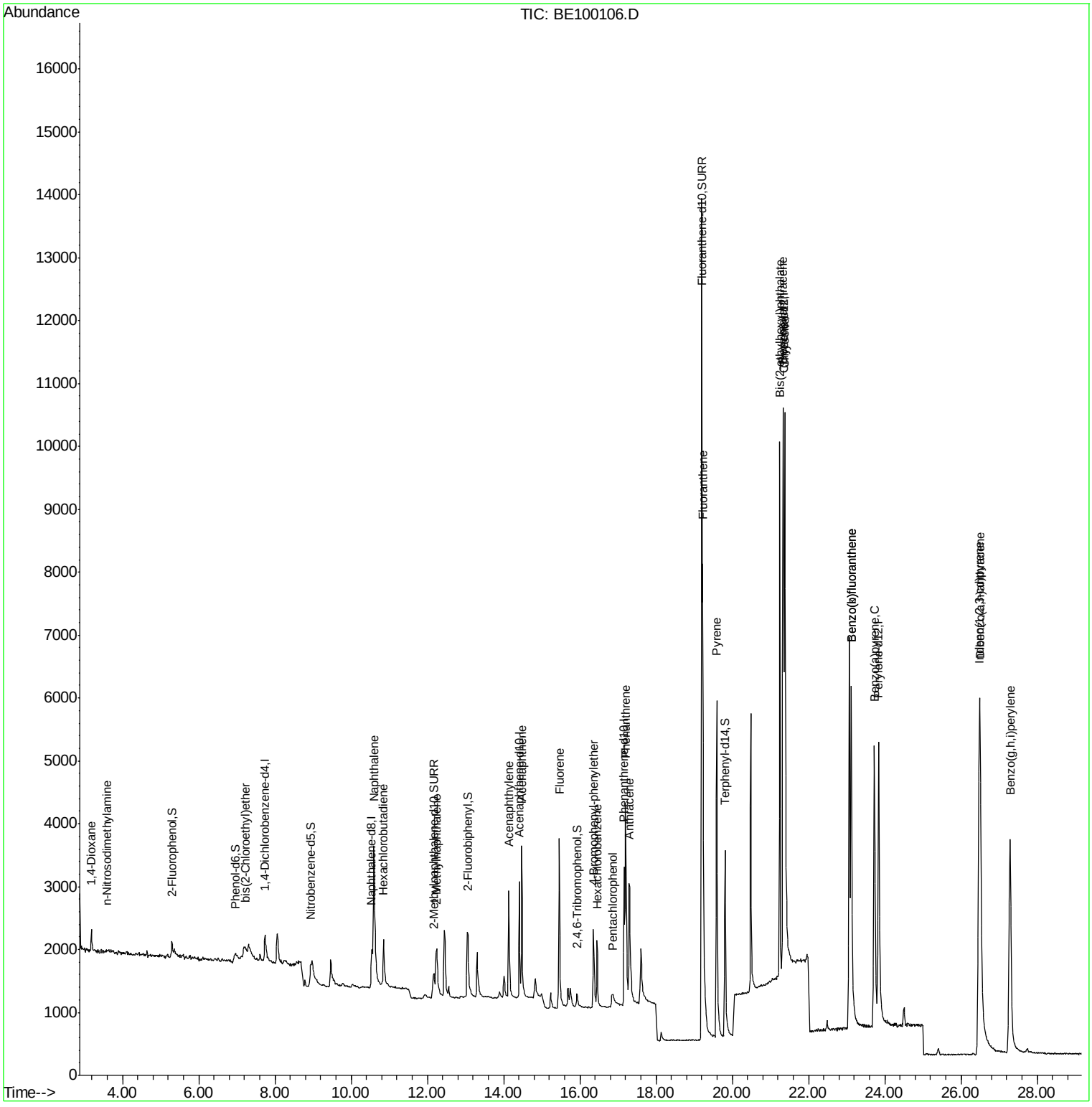
(#) = qualifier out of range (m) = manual integration (+) = signals summed

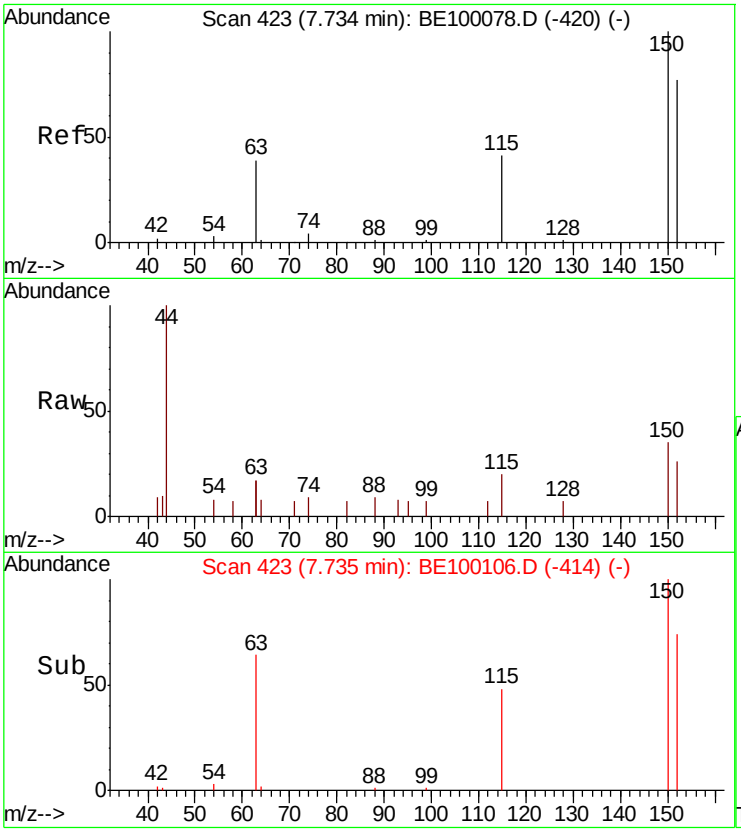
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100106.D
Acq On : 20 Jun 2019 13:38
Operator : JU/SJ
Sample : PB120548BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Quant Time: Jun 21 01:44:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



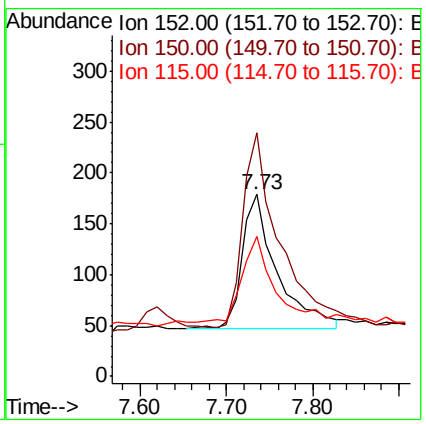


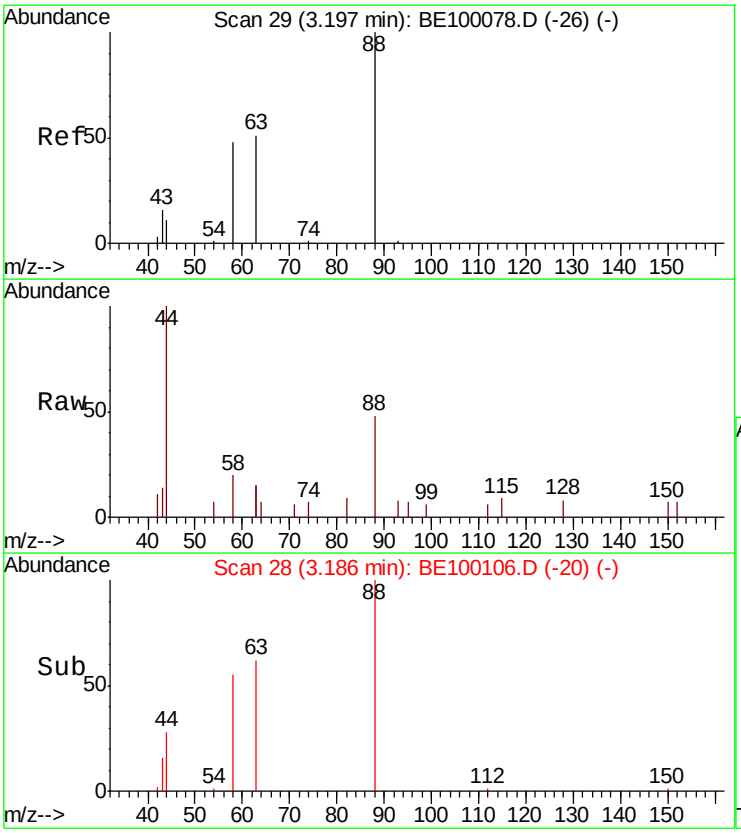
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:152 Resp: 372

Ion	Ratio	Lower	Upper
152	100		
150	133.5	99.8	149.8
115	77.1	51.3	76.9#

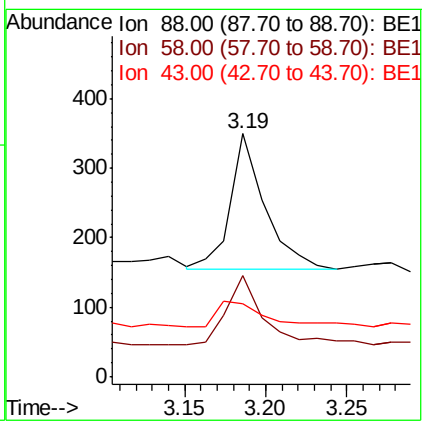


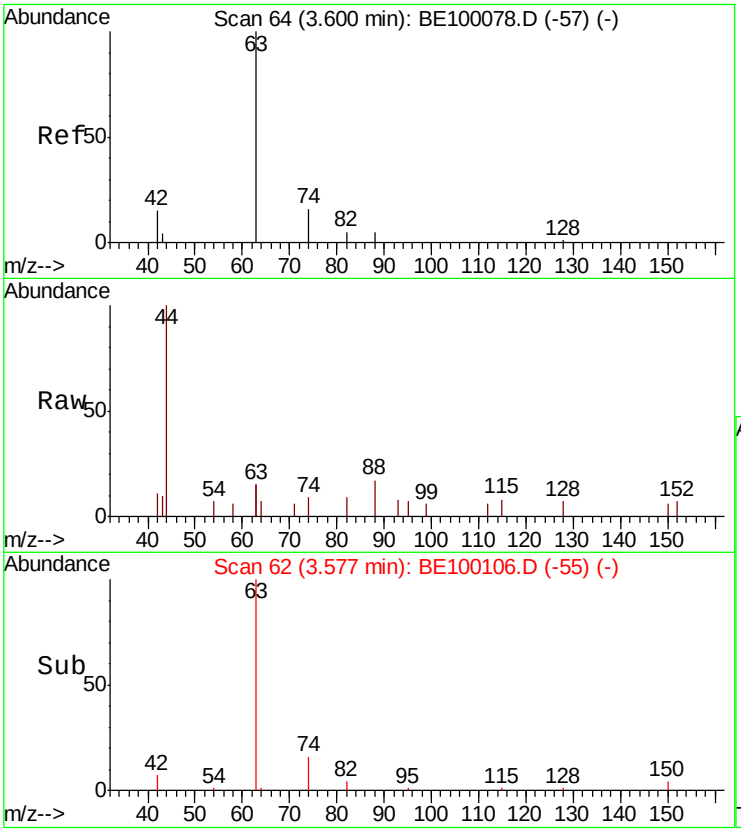


#2
1,4-Dioxane
Concen: 0.489 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion: 88 Resp: 292

Ion	Ratio	Lower	Upper
88	100		
58	51.7	51.1	76.7
43	26.4	21.7	32.5



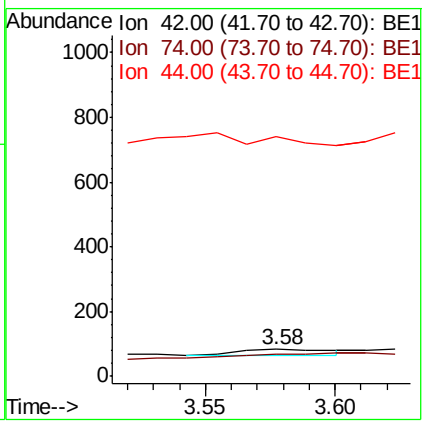


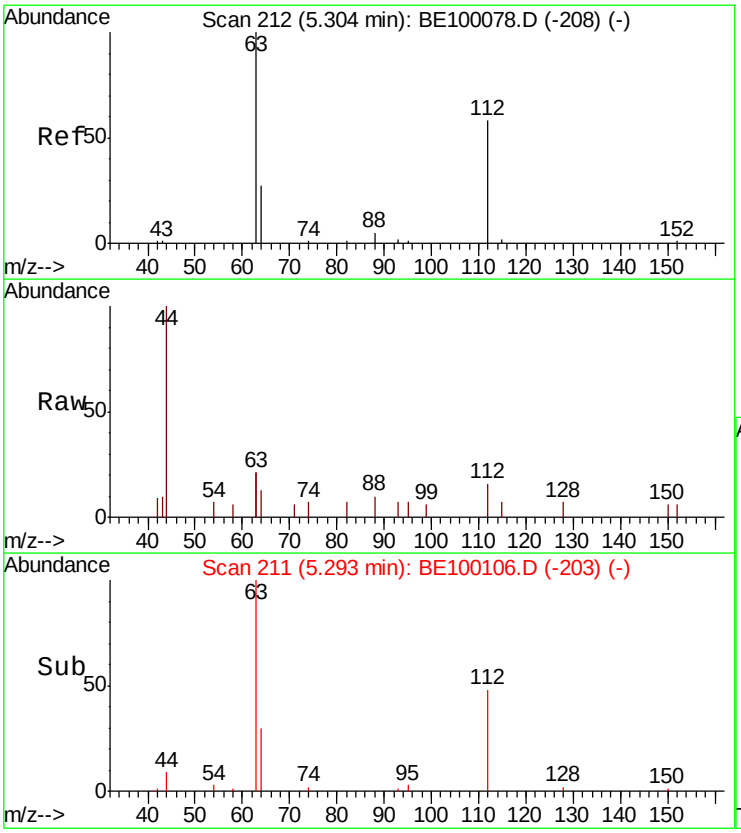
#3
n-Nitrosodimethylamine
Concen: 0.461 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.02 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion: 42 Resp: 47

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

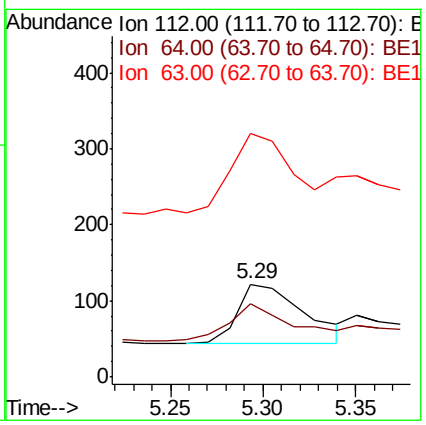


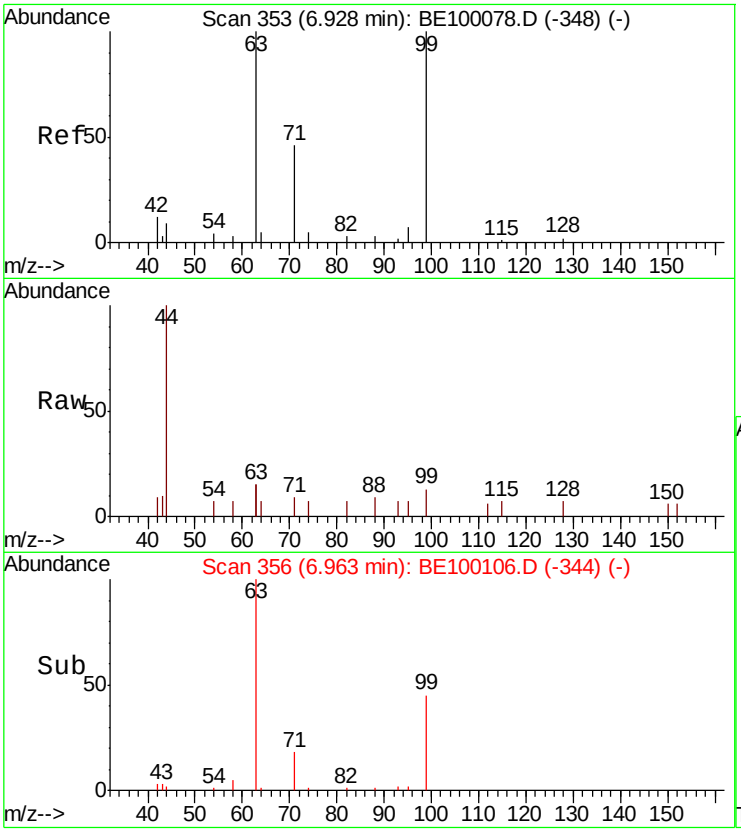


#4
2-Fluorophenol
Concen: 0.250 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:112 Resp: 193

Ion	Ratio	Lower	Upper
112	100		
64	59.6	22.0	33.0#
63	129.5	121.8	182.6



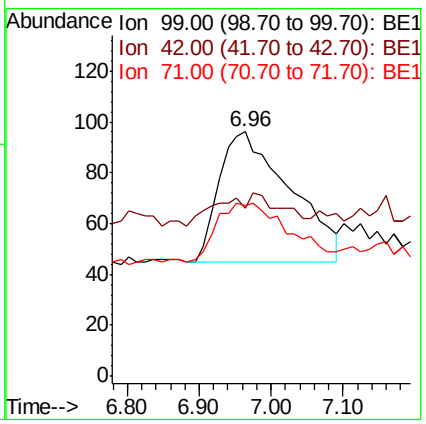


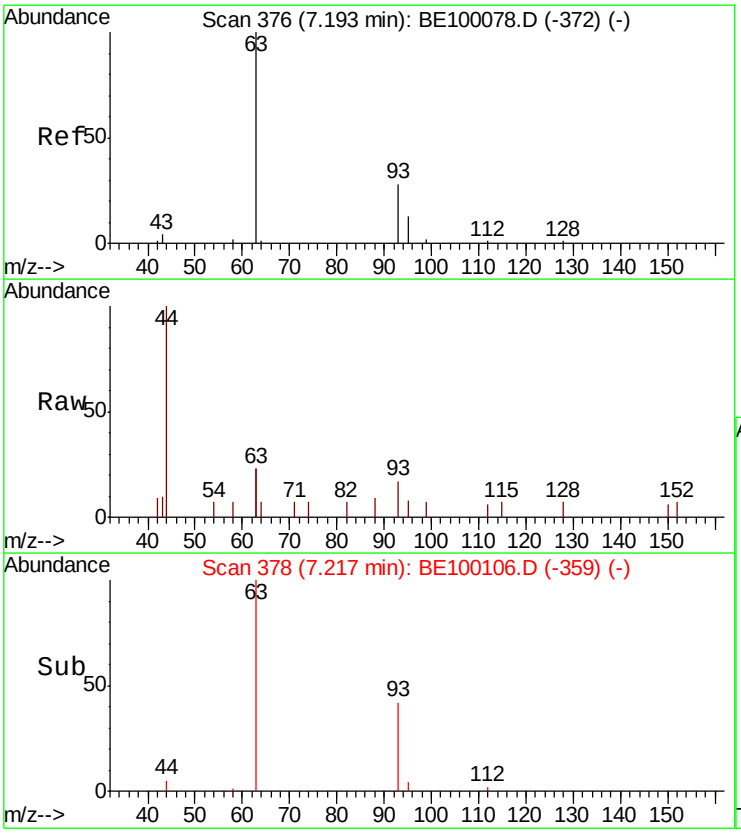
#5
Phenol-d6
Concen: 0.330 ng
RT: 6.96 min Scan# 356
Delta R.T. 0.04 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion: 99 Resp: 350

Ion	Ratio	Lower	Upper
99	100		
42	16.0	0.0	0.0#
71	0.0	37.6	56.4#

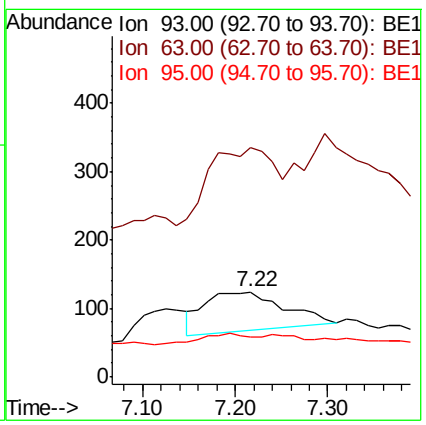


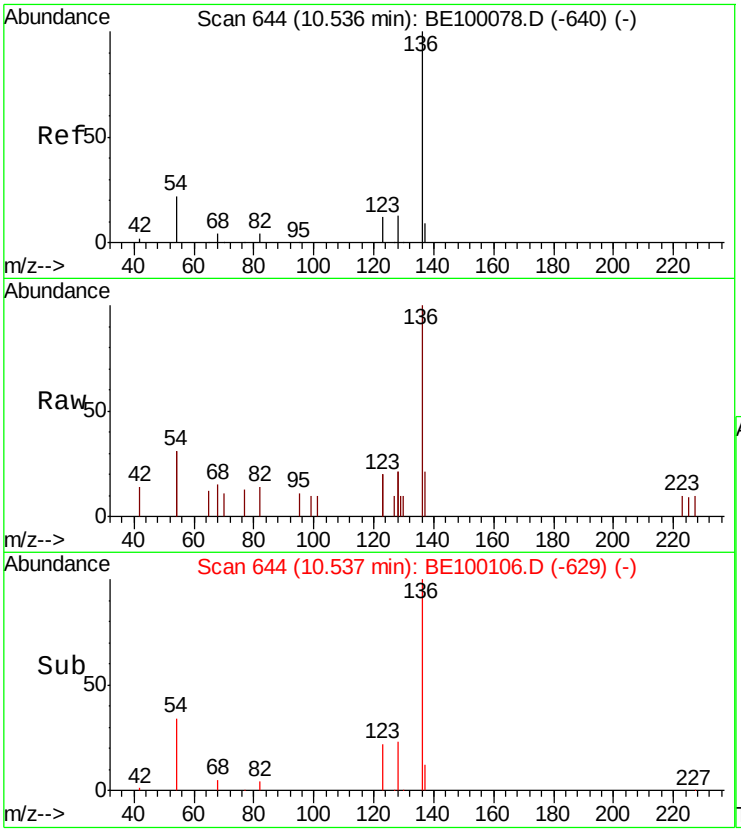


#6
bis(2-Chloroethyl)ether
Concen: 0.348 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.02 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion: 93 Resp: 344

Ion	Ratio	Lower	Upper
93	100		
63	163.1	200.0	300.0#
95	0.0	24.0	36.0#



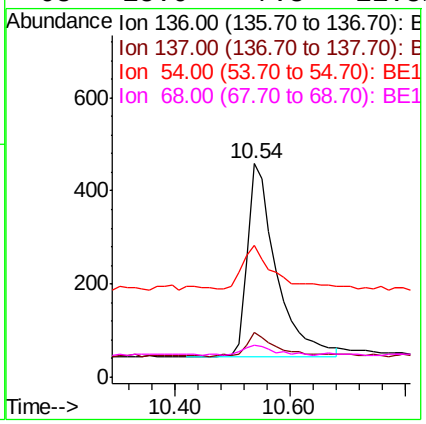


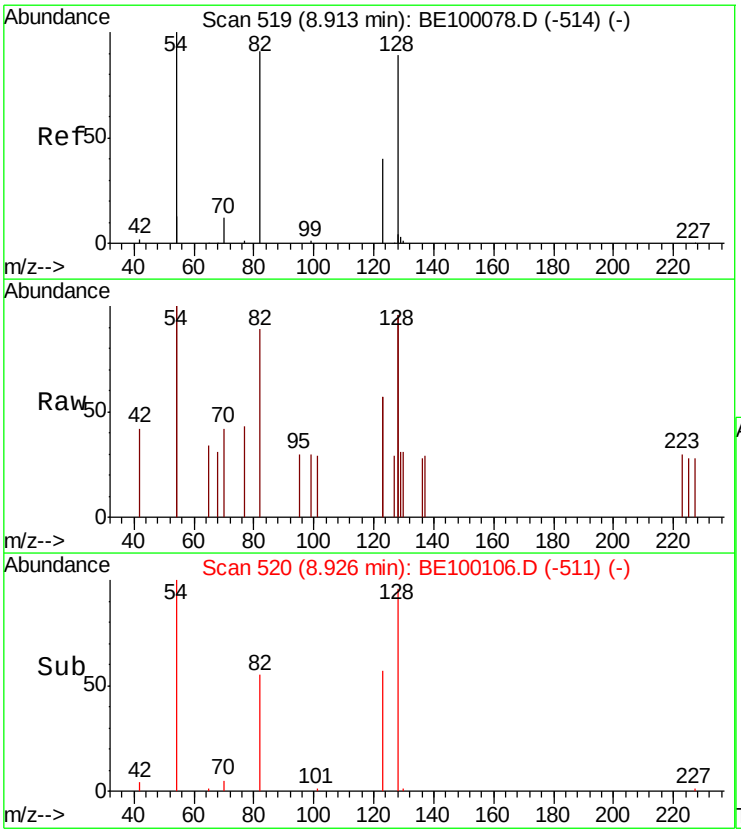
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:136 Resp: 1456

Ion	Ratio	Lower	Upper
136	100		
137	20.9	11.6	17.4#
54	61.4	33.9	50.9#
68	15.0	7.8	11.8#

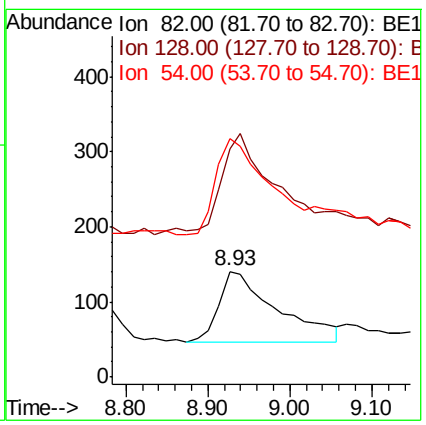


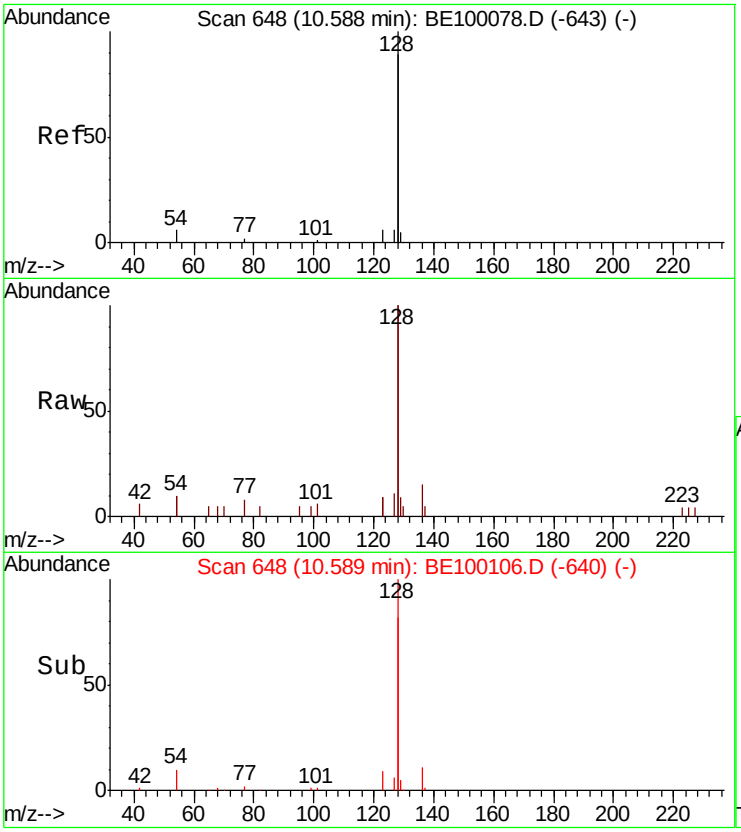


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.93 min Scan# 520
Delta R.T. 0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion: 82 Resp: 472

Ion	Ratio	Lower	Upper
82	100		
128	215.6	128.0	192.0#
54	225.5	143.4	215.0#



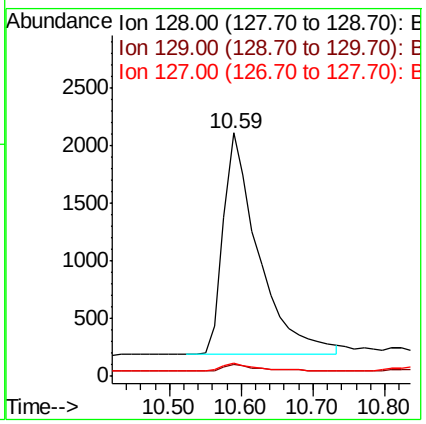


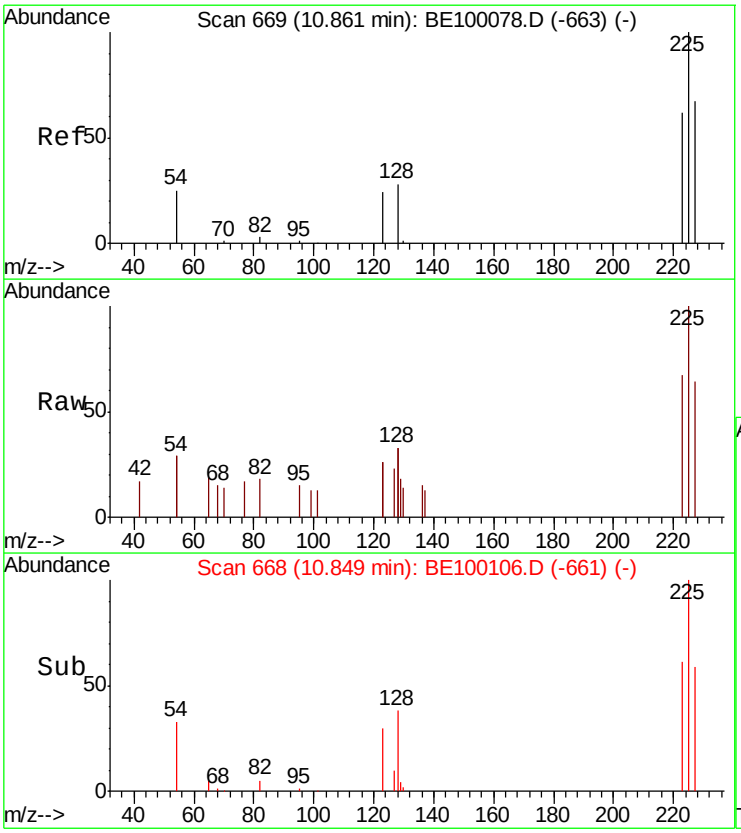
#9
Naphthalene
Concen: 0.414 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:128 Resp: 6556

Ion	Ratio	Lower	Upper
128	100		
129	4.7	3.1	4.7#
127	5.3	3.4	5.2#

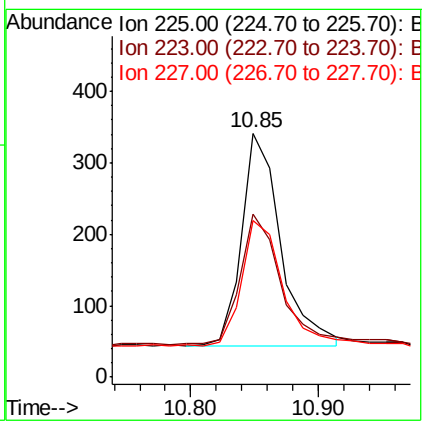


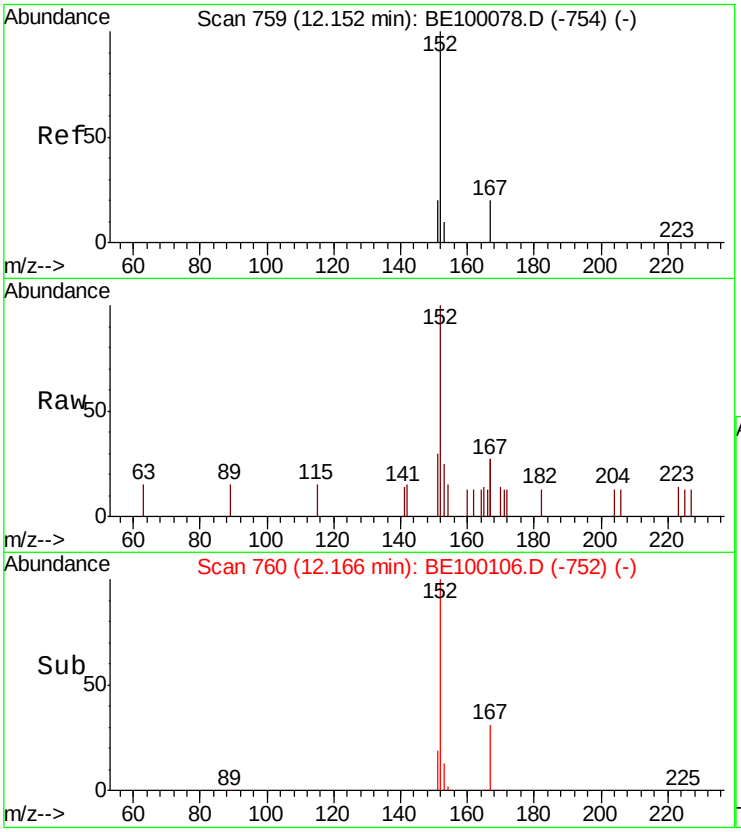


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:225 Resp: 630

Ion	Ratio	Lower	Upper
225	100		
223	65.1	52.2	78.4
227	61.7	53.0	79.6



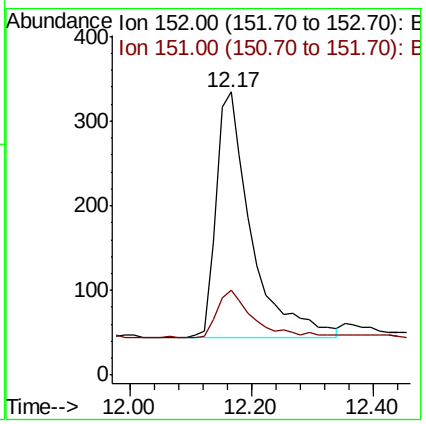


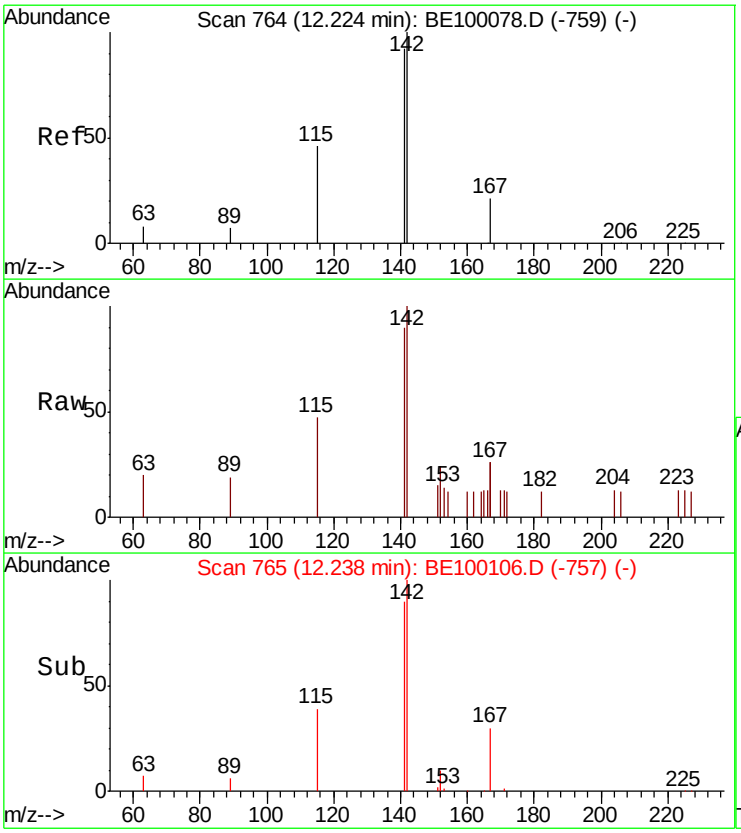
#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.17 min Scan# 760
Delta R.T. 0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:152 Resp: 1159

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5

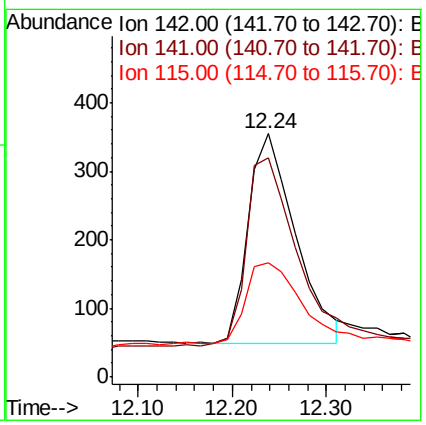


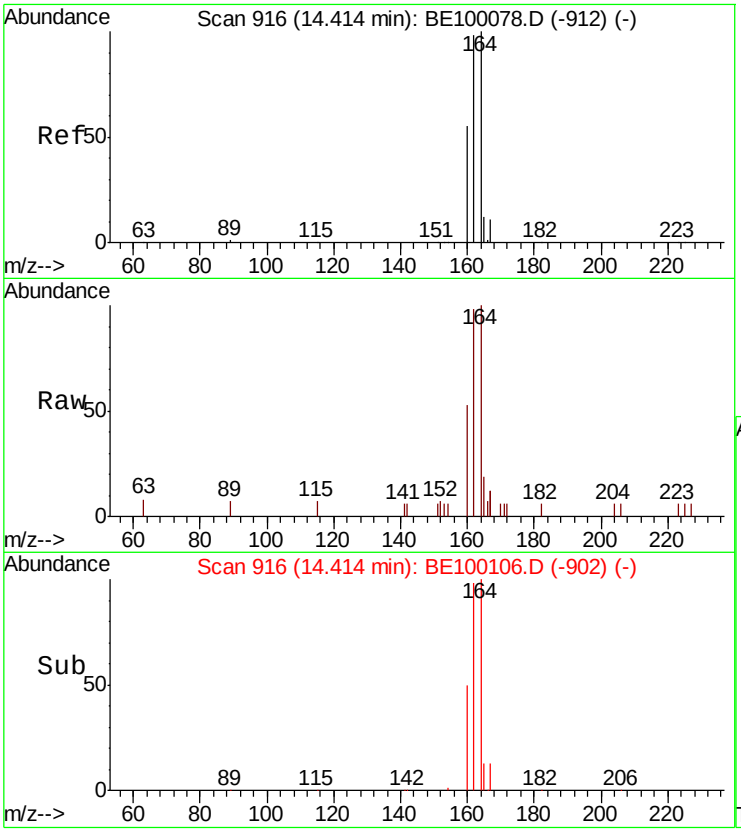


#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:142 Resp: 1066

Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.1	111.1
115	46.8	40.9	61.3



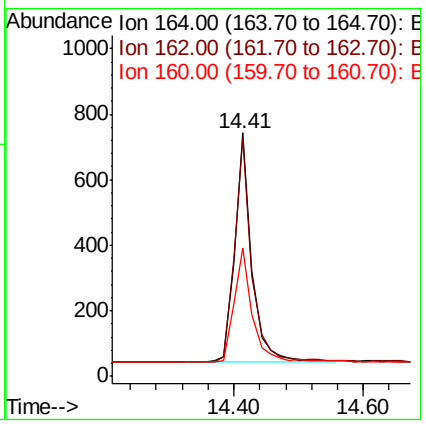


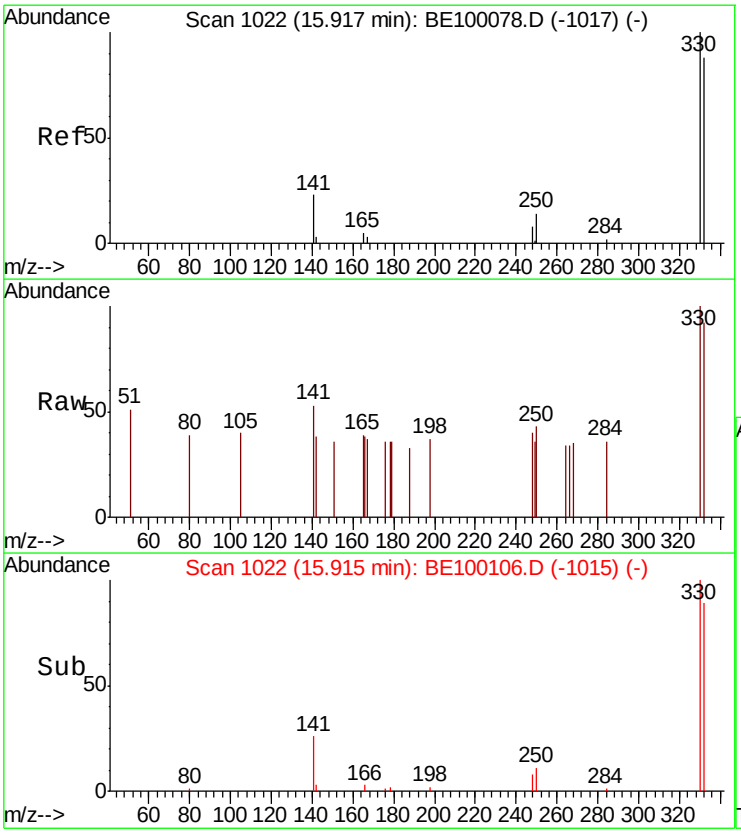
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:164 Resp: 1259

Ion	Ratio	Lower	Upper
164	100		
162	97.8	78.2	117.2
160	52.8	45.6	68.4

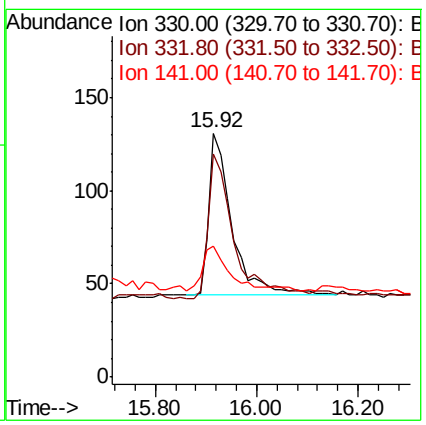


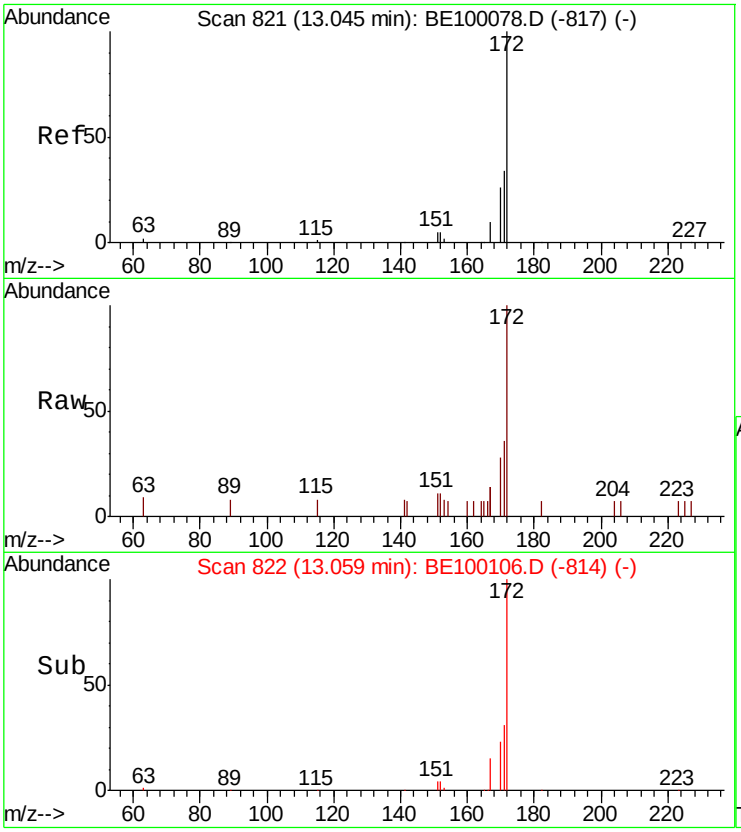


#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 15.92 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:330 Resp: 274

Ion	Ratio	Lower	Upper
330	100		
332	101.8	73.3	109.9
141	30.7	22.2	33.2



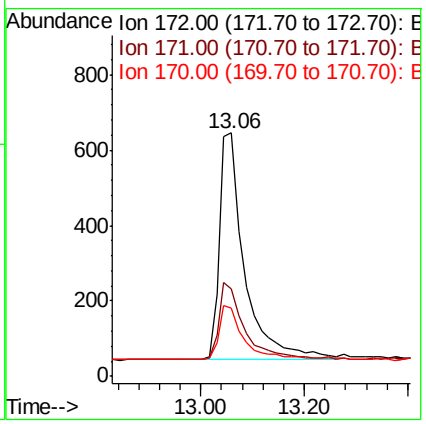


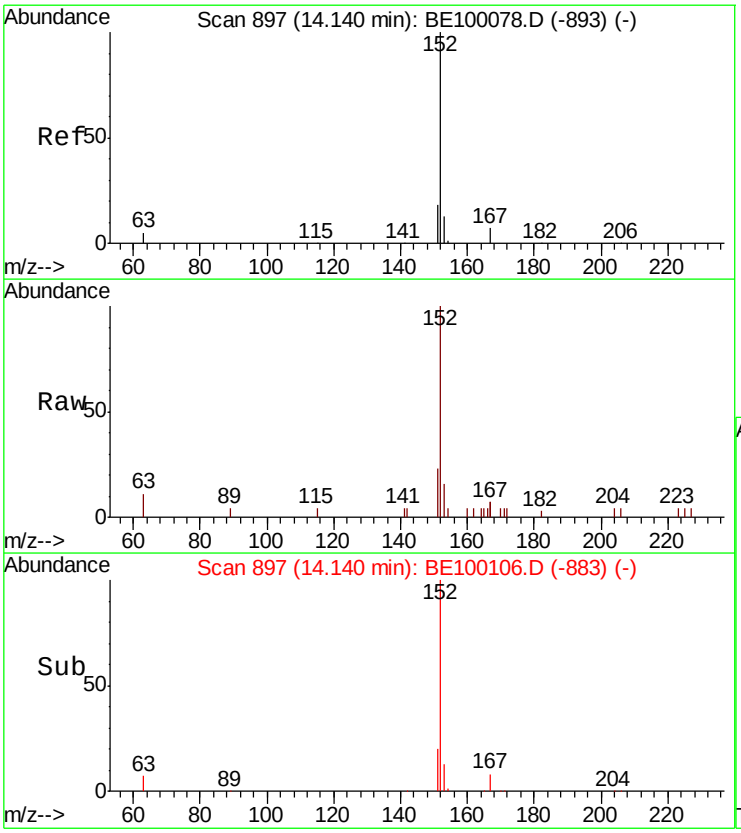
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.06 min Scan# 822
Delta R.T. 0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:172 Resp: 2053

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.8
170	27.9	23.2	34.8

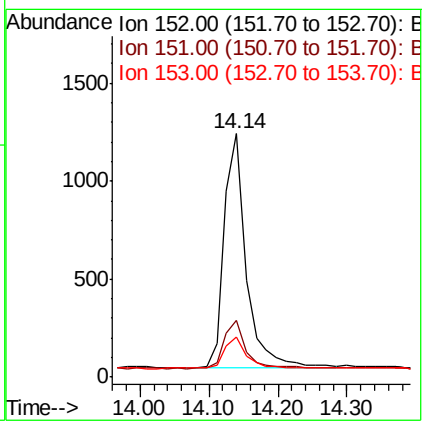


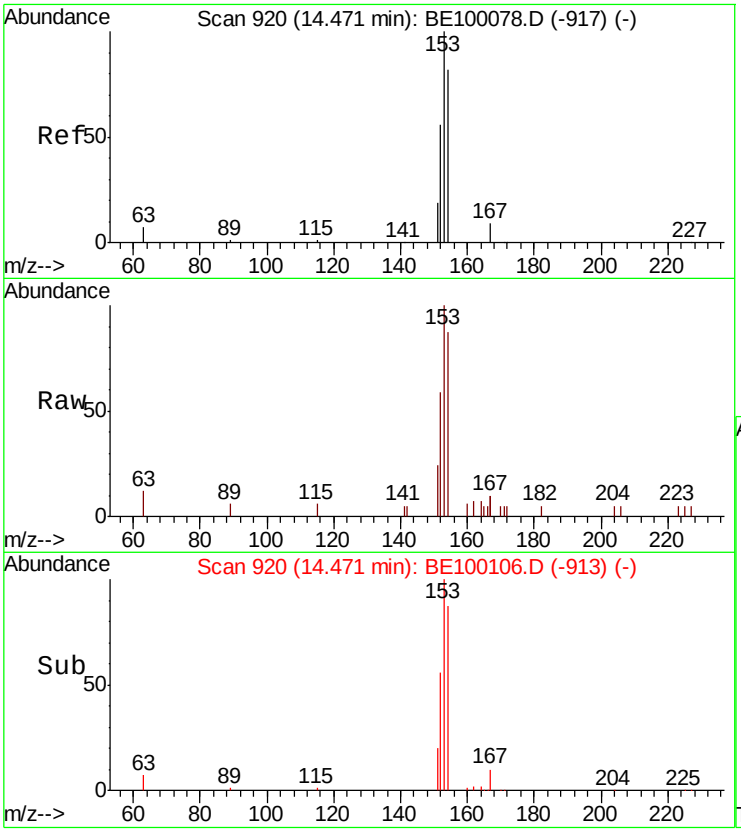


#16
Acenaphthylene
Concen: 0.447 ng
RT: 14.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:152 Resp: 2669

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.8	10.1	15.1



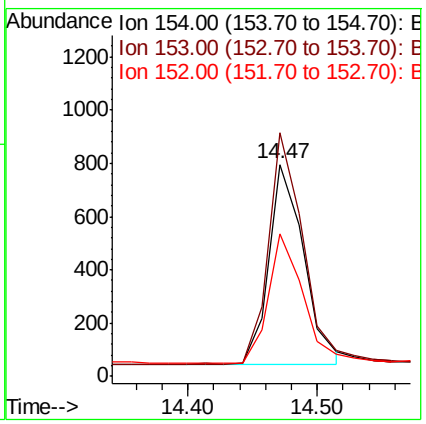


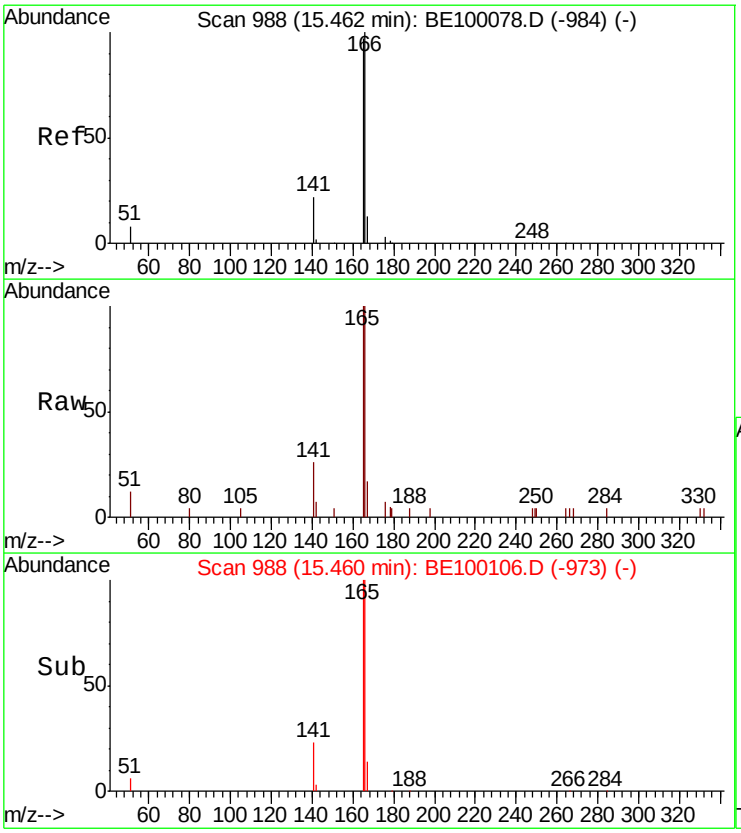
#17
Acenaphthene
Concen: 0.423 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:154 Resp: 1412

Ion	Ratio	Lower	Upper
154	100		
153	114.1	95.5	143.3
152	64.7	54.9	82.3

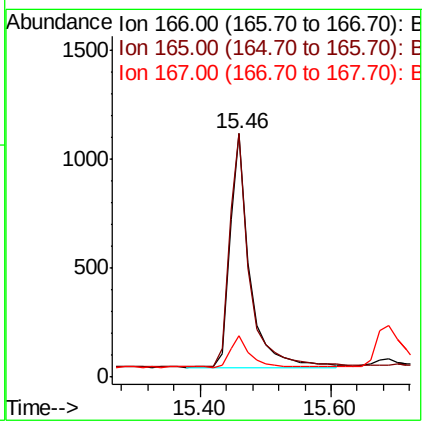


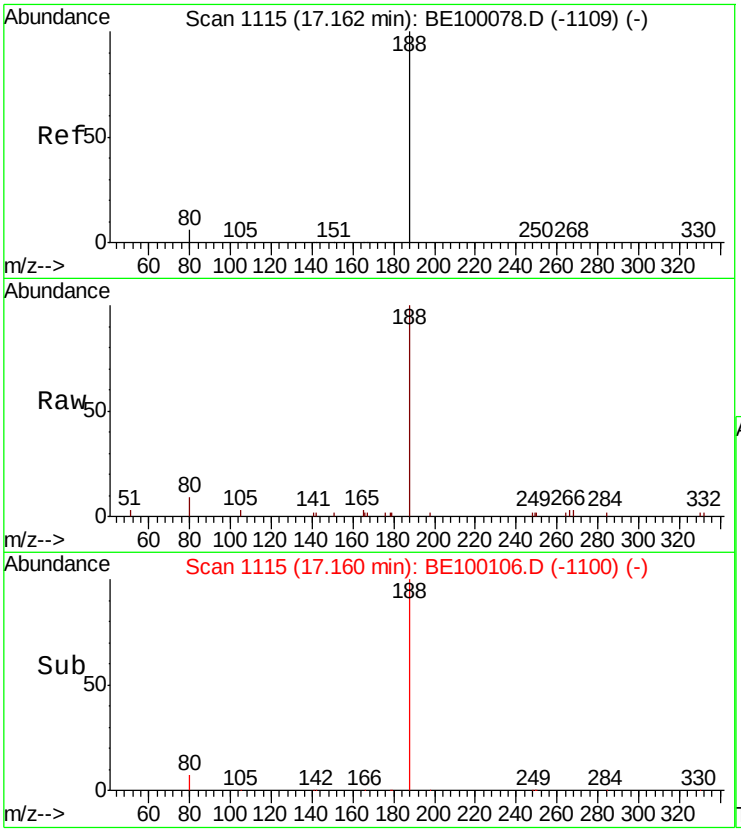


#18
Fluorene
Concen: 0.452 ng
RT: 15.46 min Scan# 988
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:166 Resp: 2251

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.8	119.8
167	13.1	10.2	15.4



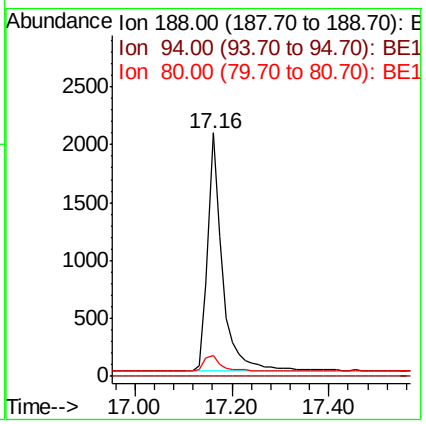


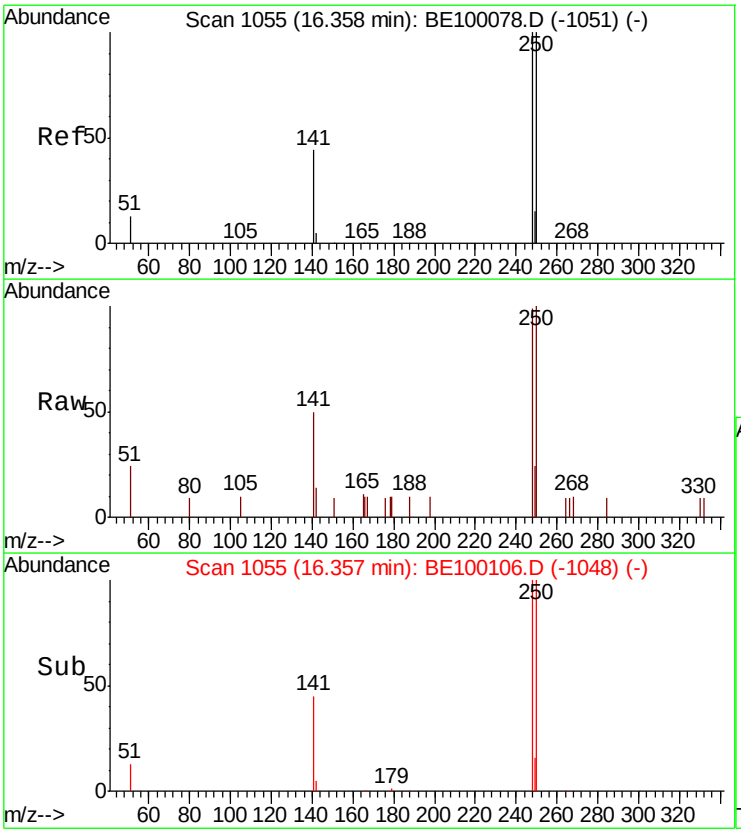
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:188 Resp: 4251

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	6.3	9.5

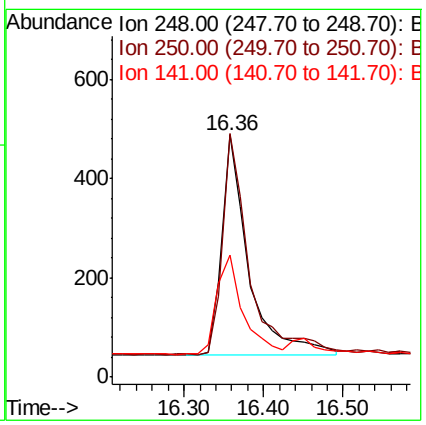


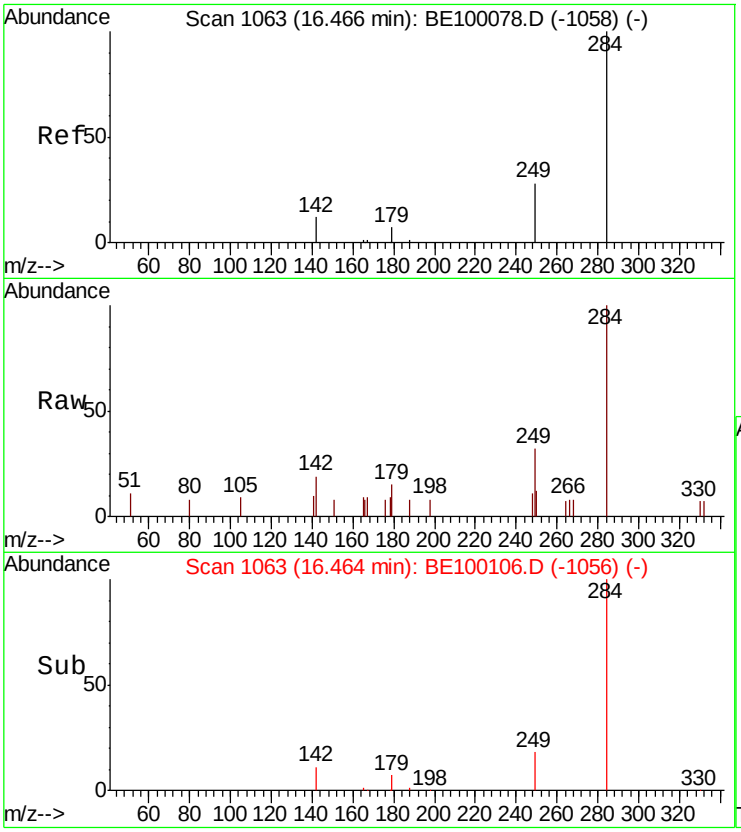


#20
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:248 Resp: 1041

Ion	Ratio	Lower	Upper
248	100		
250	100.6	80.6	120.8
141	50.2	38.8	58.2



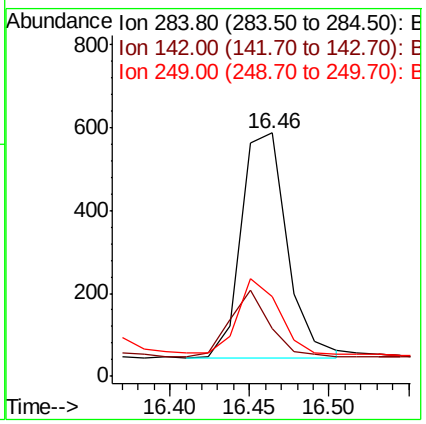


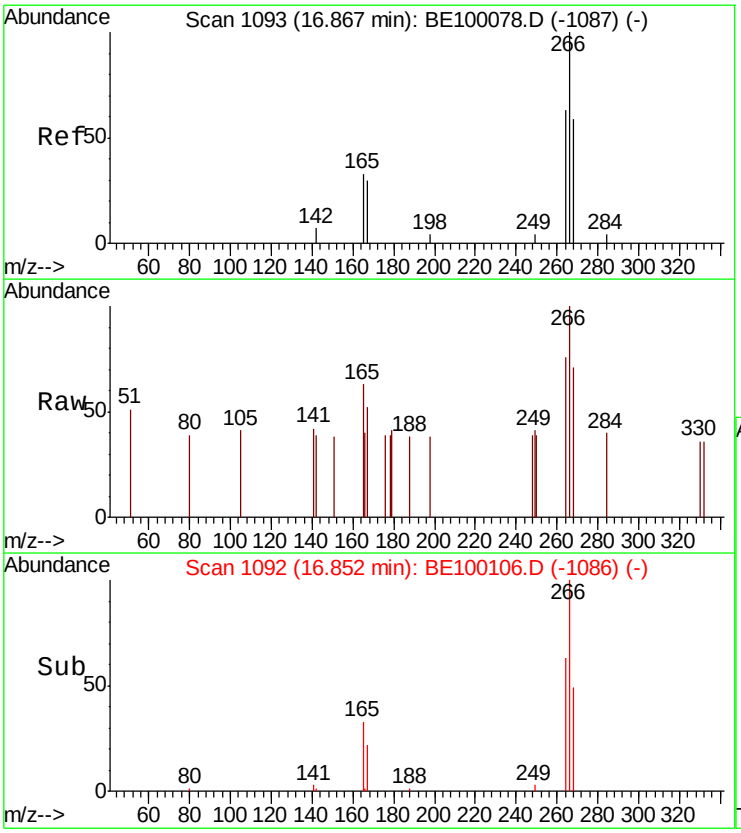
#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.46 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:284 Resp: 1085

Ion	Ratio	Lower	Upper
284	100		
142	25.4	20.7	31.1
249	29.5	26.6	39.8

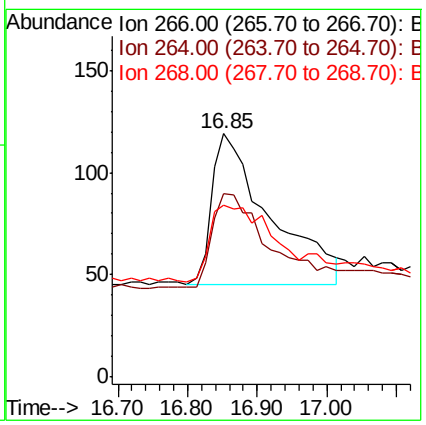


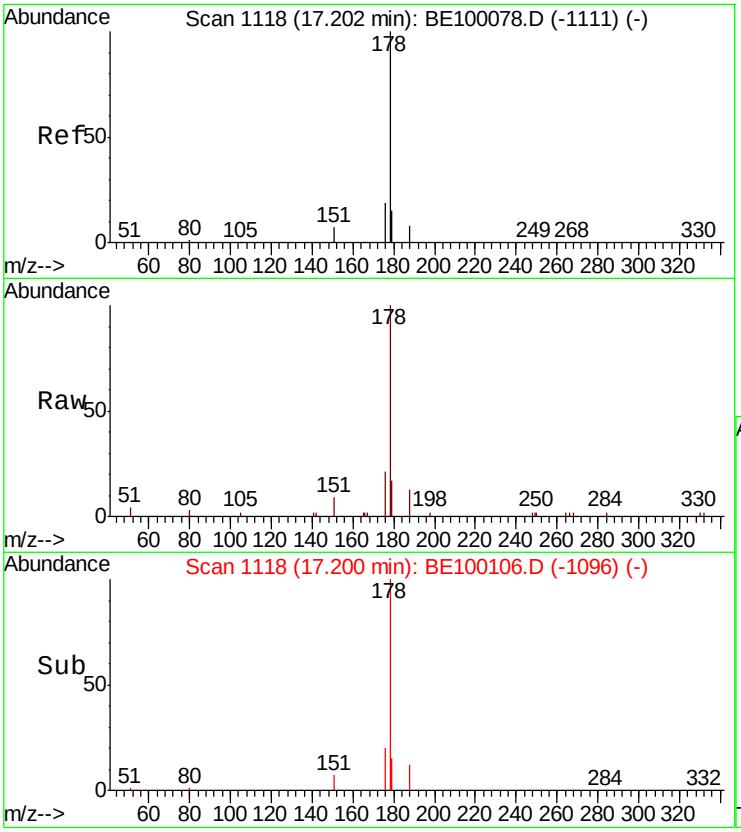


#22
Pentachlorophenol
Concen: 0.717 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:266 Resp: 430

Ion	Ratio	Lower	Upper
266	100		
264	75.6	67.8	101.6
268	70.6	70.0	105.0



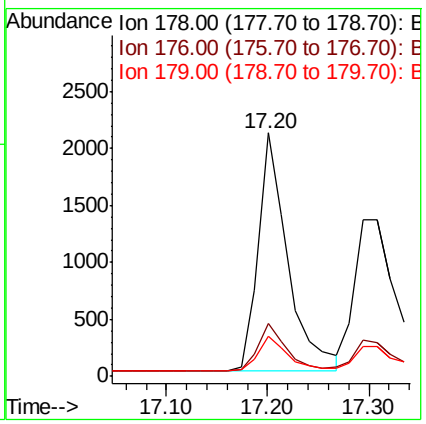


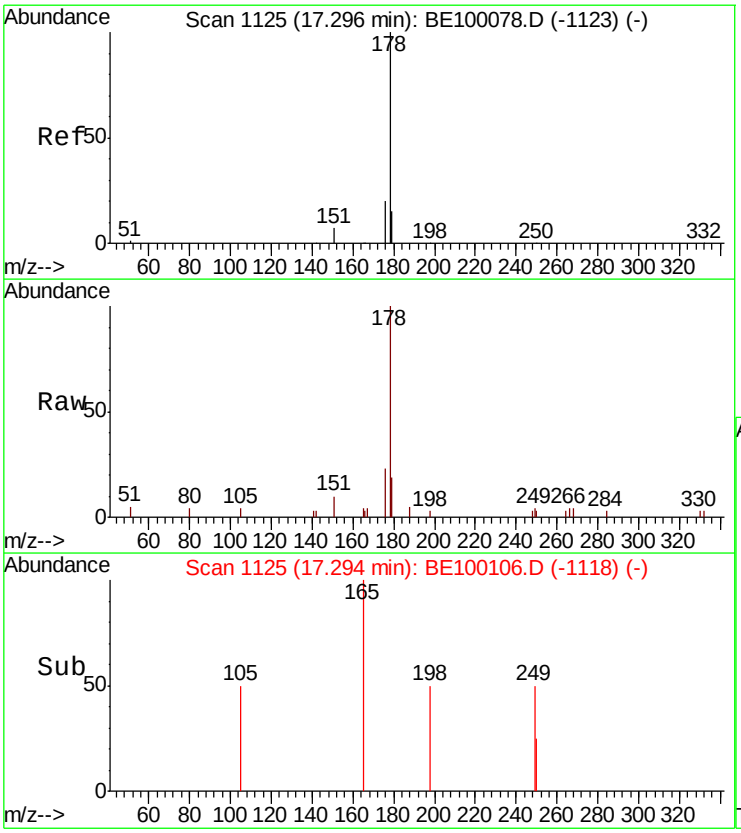
#23
Phenanthrene
Concen: 0.420 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:178 Resp: 4280

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	14.9	13.1	19.7

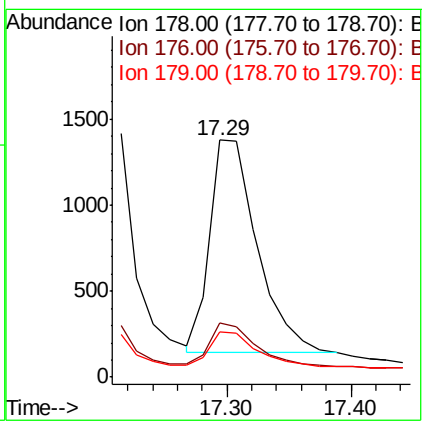


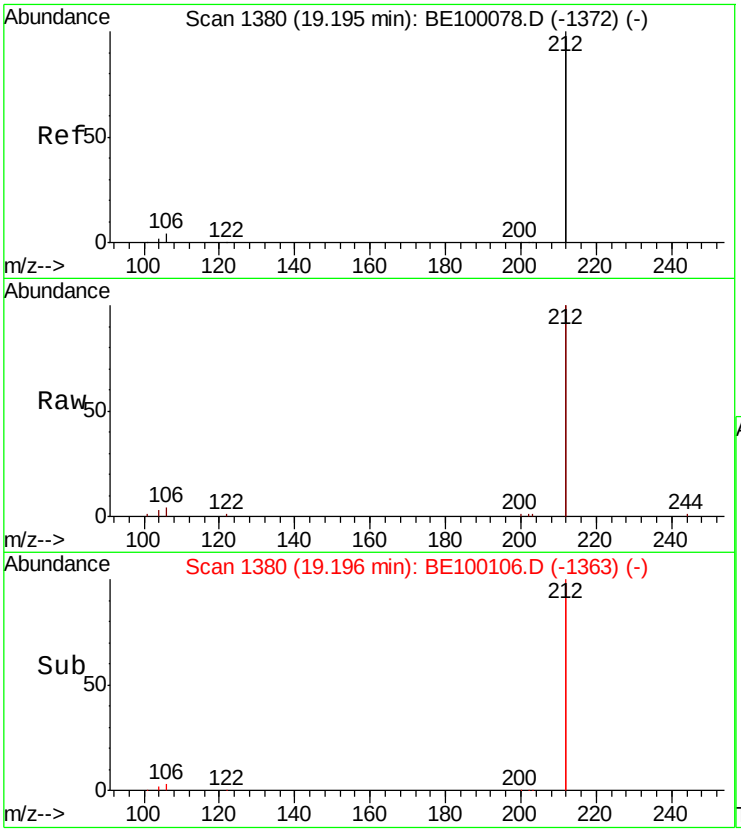


#24
Anthracene
Concen: 0.380 ng
RT: 17.29 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:178 Resp: 3264

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.0	12.0	18.0



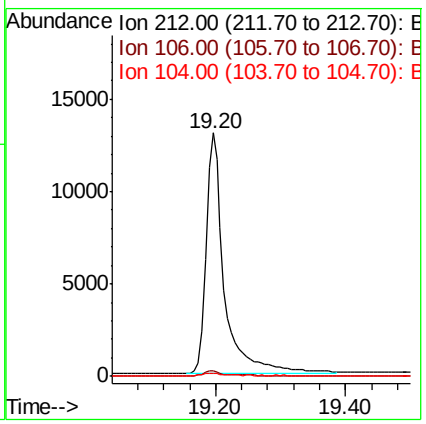


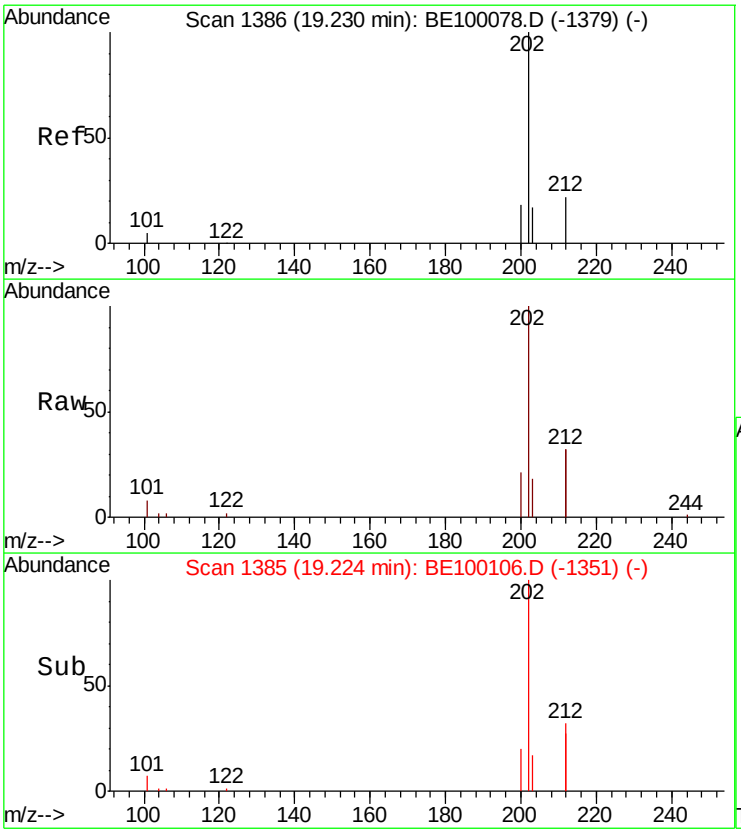
#25
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:212 Resp: 25414

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

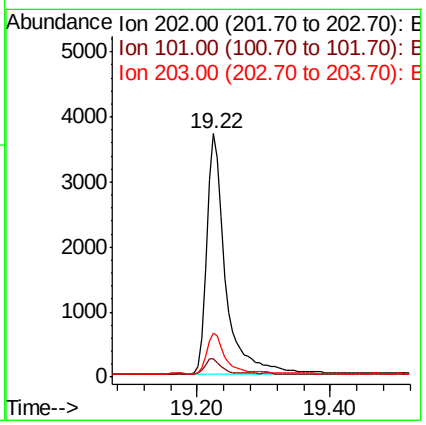


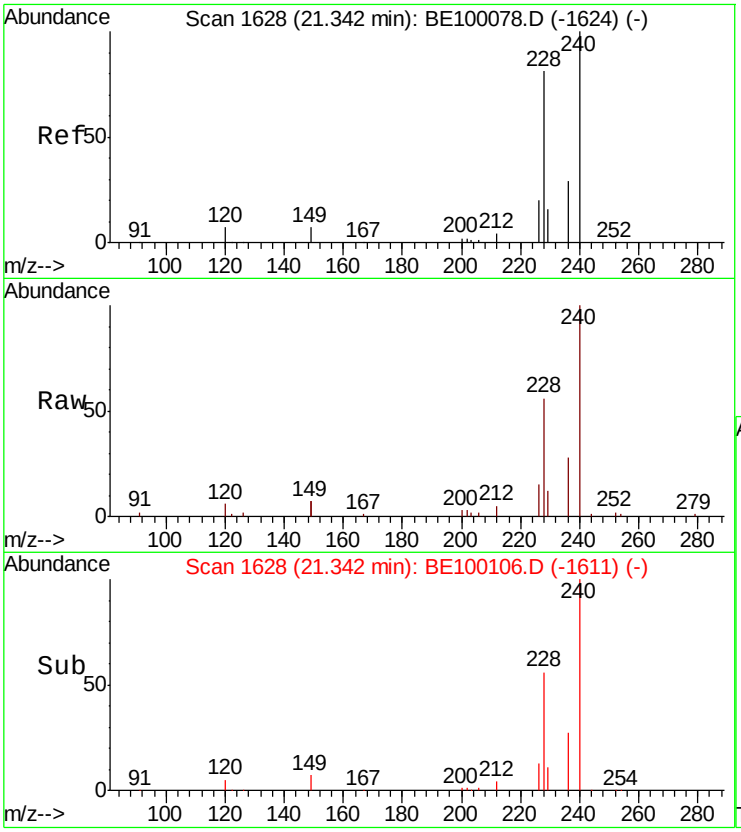


#26
Fluoranthene
Concen: 0.442 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:202 Resp: 7225

Ion	Ratio	Lower	Upper
202	100		
101	6.0	5.0	7.4
203	17.0	13.7	20.5



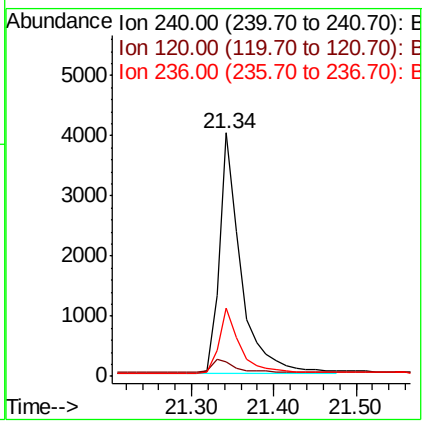


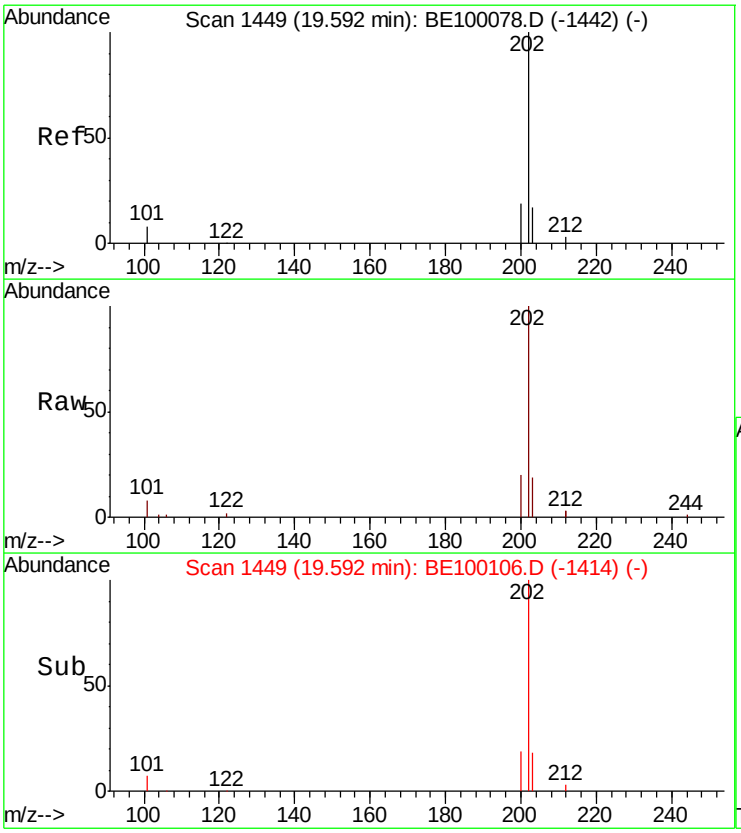
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:240 Resp: 7324

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.6	10.0#
236	28.2	23.8	35.6

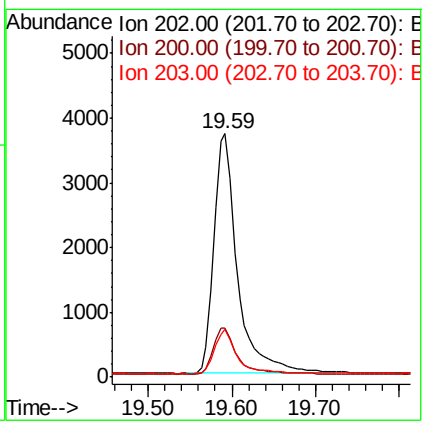


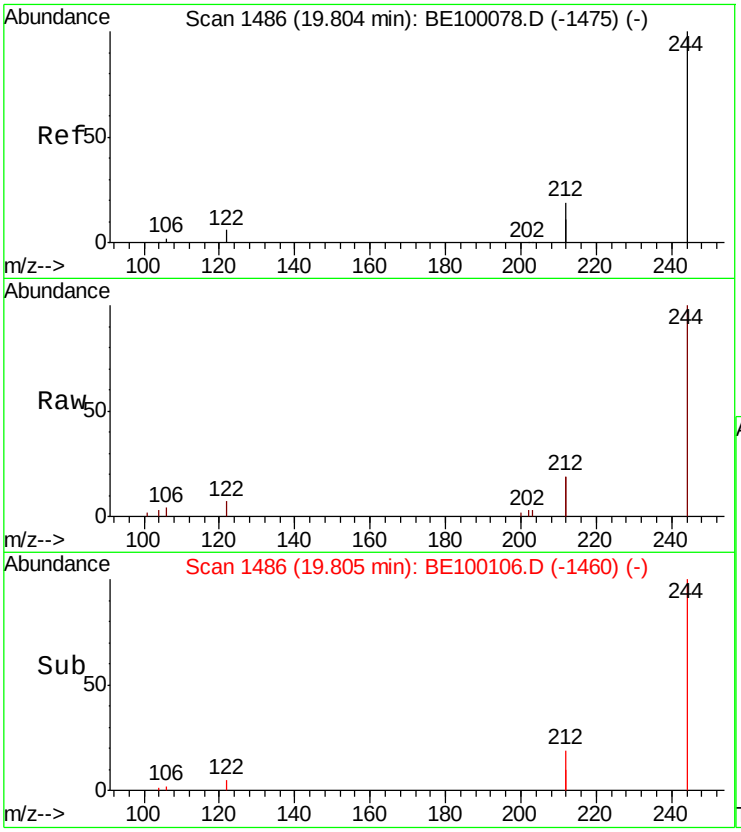


#28
Pyrene
Concen: 0.388 ng
RT: 19.59 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:202 Resp: 7308

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.6	23.4
203	17.7	13.9	20.9



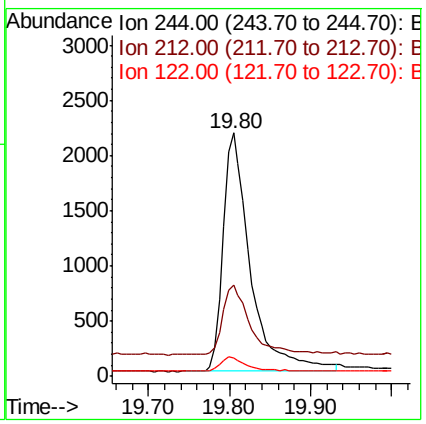


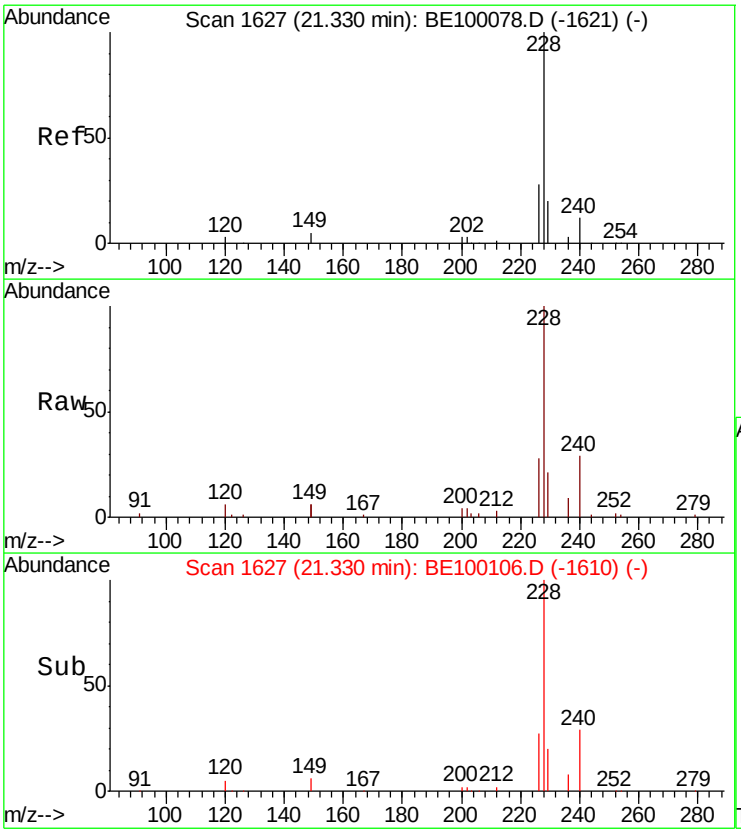
#29
Terphenyl-d14
Concen: 0.344 ng
RT: 19.80 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:244 Resp: 5033

Ion	Ratio	Lower	Upper
244	100		
212	37.3	29.8	44.8
122	7.4	6.1	9.1

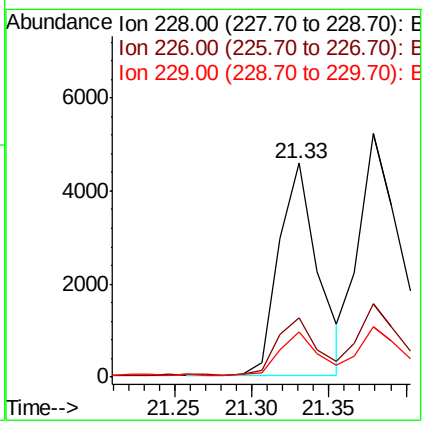


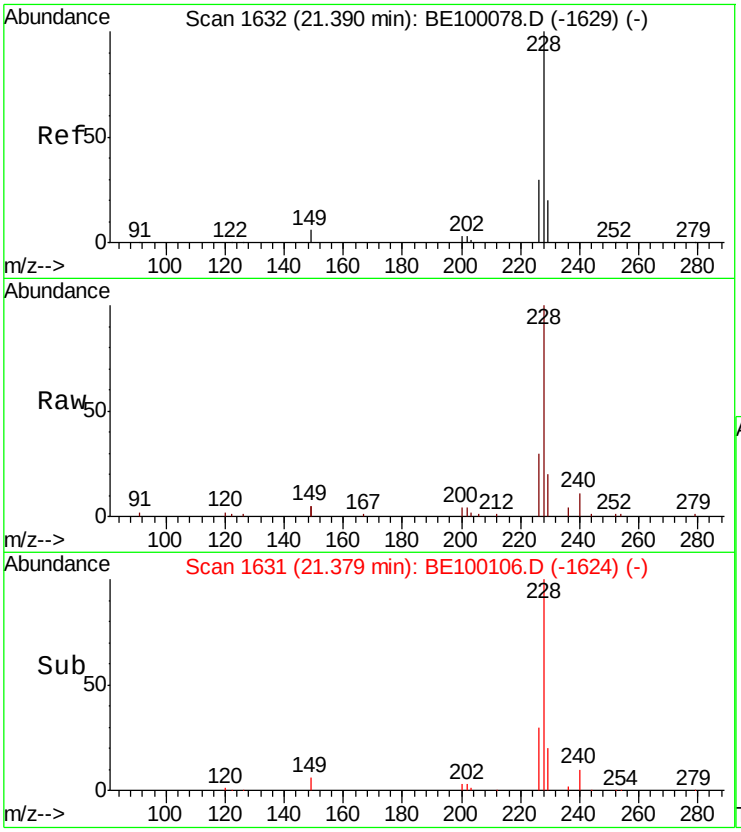


#30
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:228 Resp: 8018

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.4
229	21.0	16.4	24.6



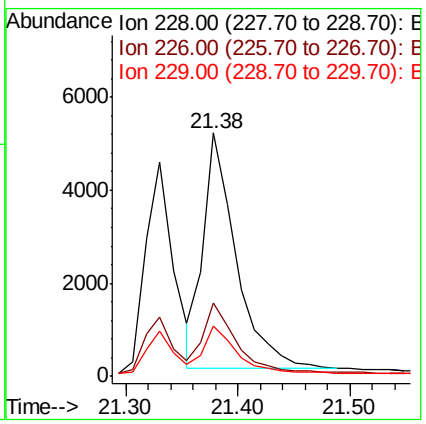


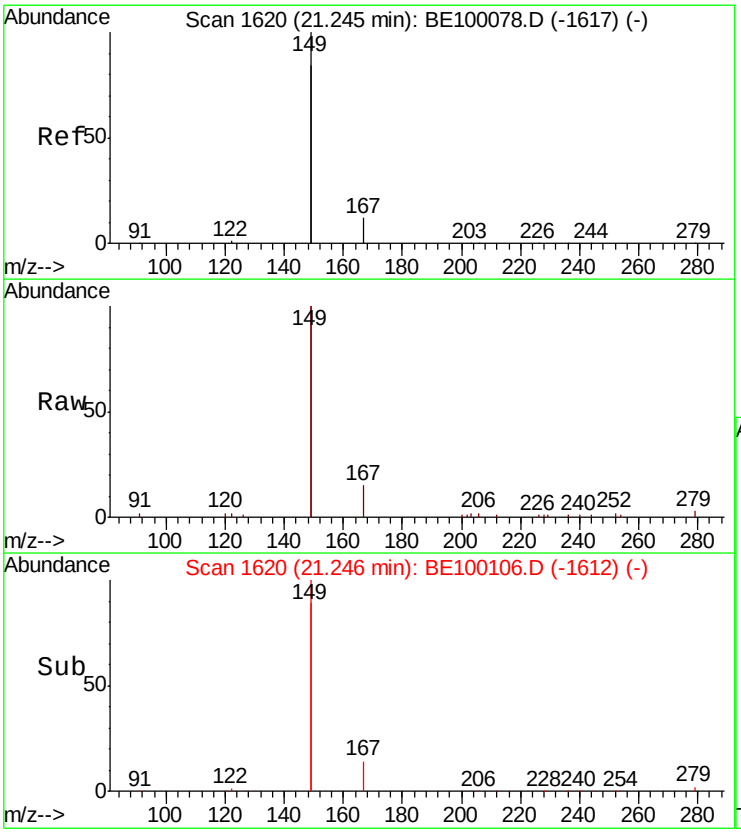
#31
Chrysene
Concen: 0.402 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:228 Resp: 10172

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	20.5	16.3	24.5

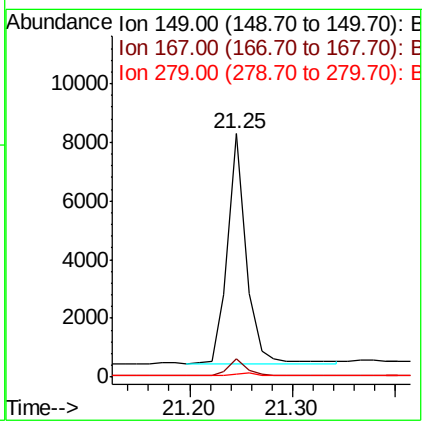


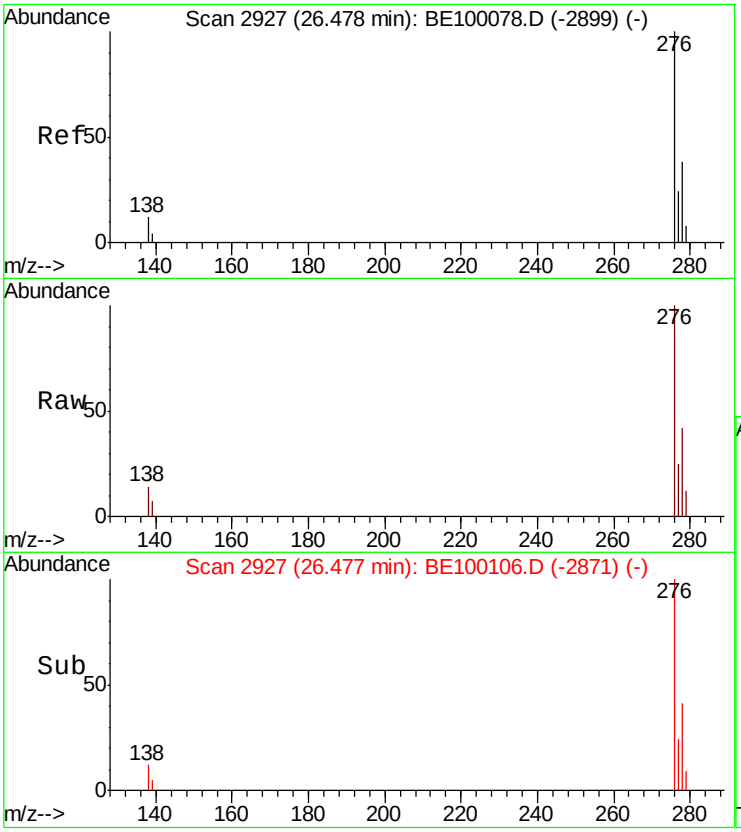


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.483 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:149 Resp: 9934

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.6
279	1.5	1.1	1.7



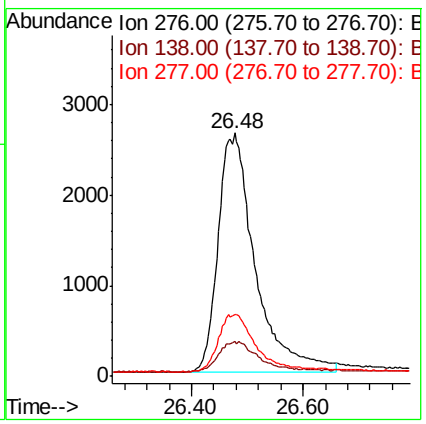


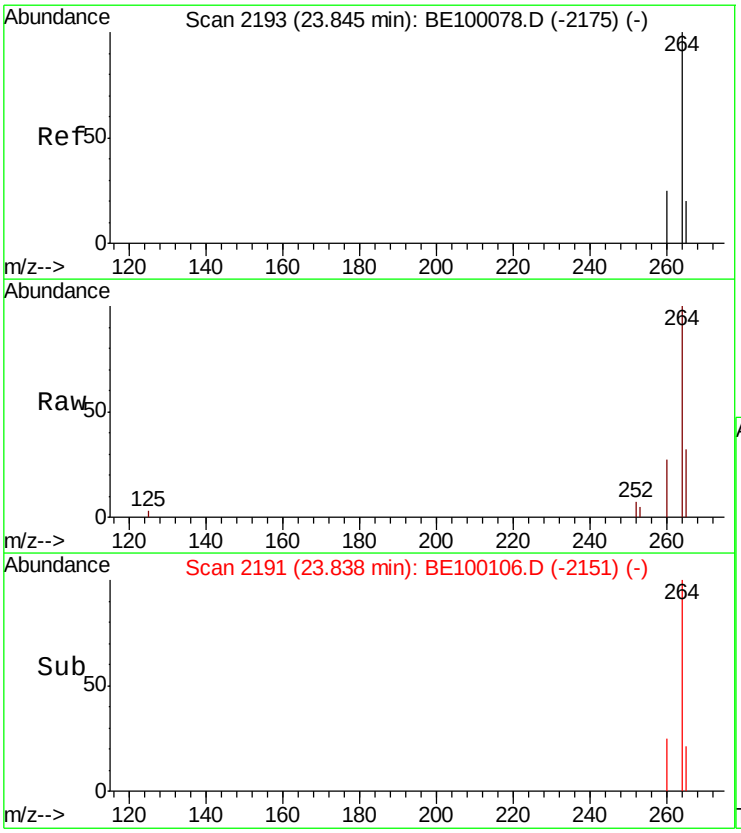
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.427 ng
RT: 26.48 min Scan# 2927
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:276 Resp: 12177

Ion	Ratio	Lower	Upper
276	100		
138	6.1	4.3	6.5
277	24.2	19.4	29.0

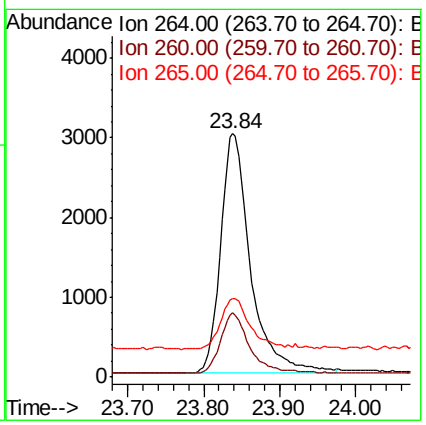


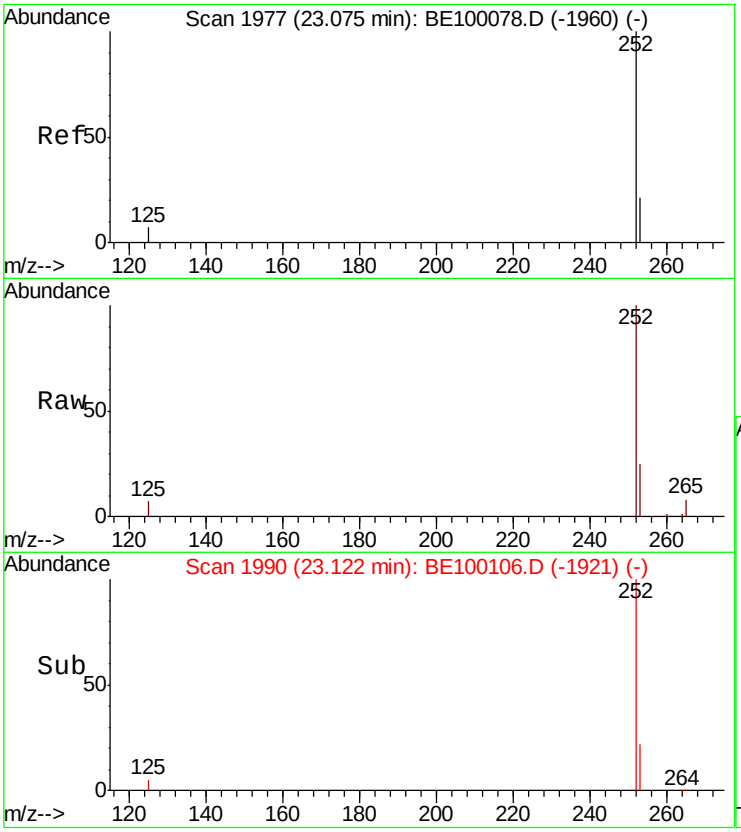


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:264 Resp: 8189

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.8	31.2
265	32.4	23.2	34.8



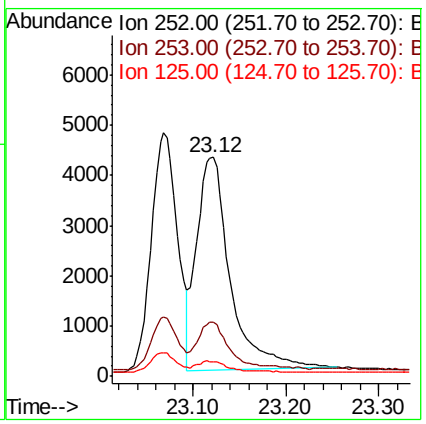


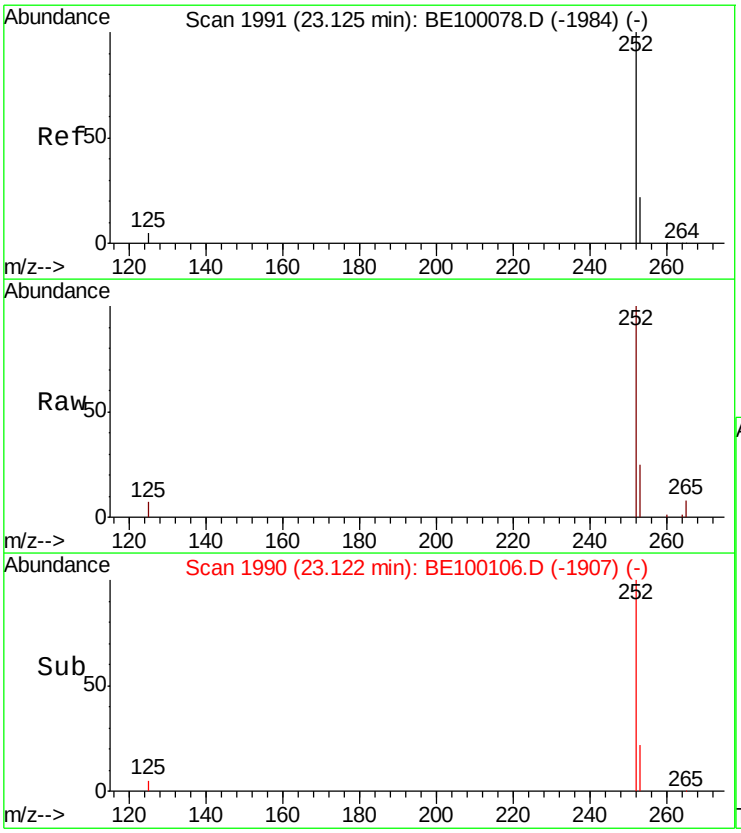
#35
Benzo(b)fluoranthene
Concen: 0.440 ng
RT: 23.12 min Scan# 1990
Delta R.T. 0.05 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:252 Resp: 10584

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	6.9	6.4	9.6

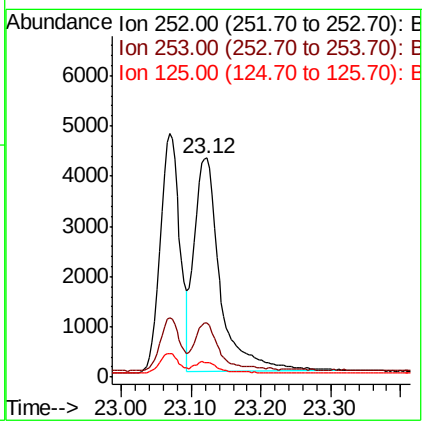


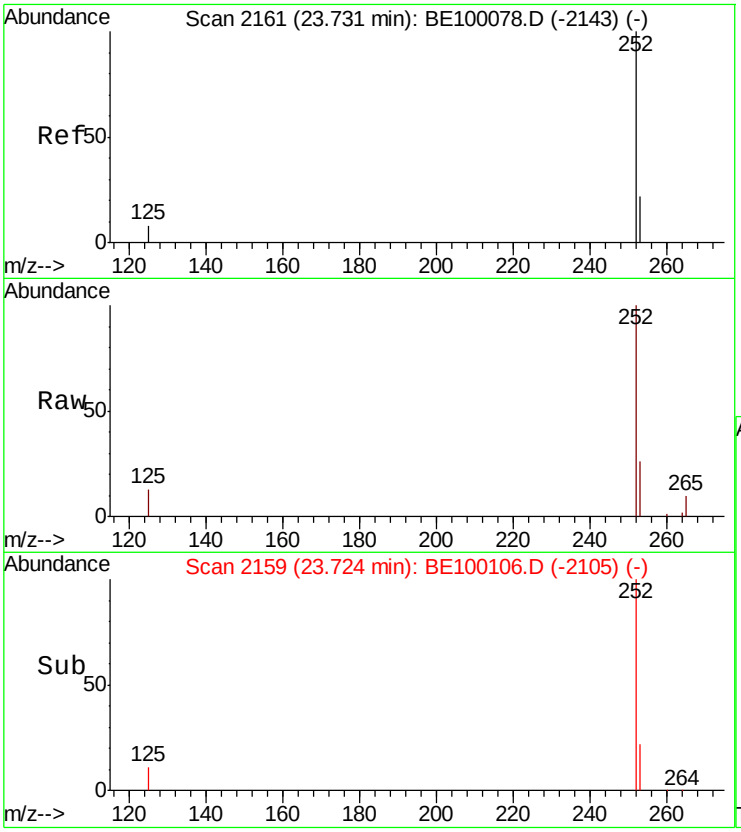


#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:252 Resp: 10997

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	6.9	5.3	7.9



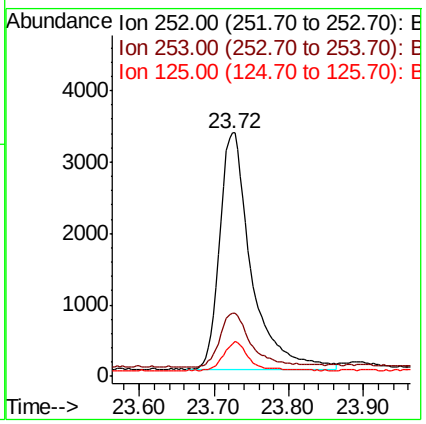


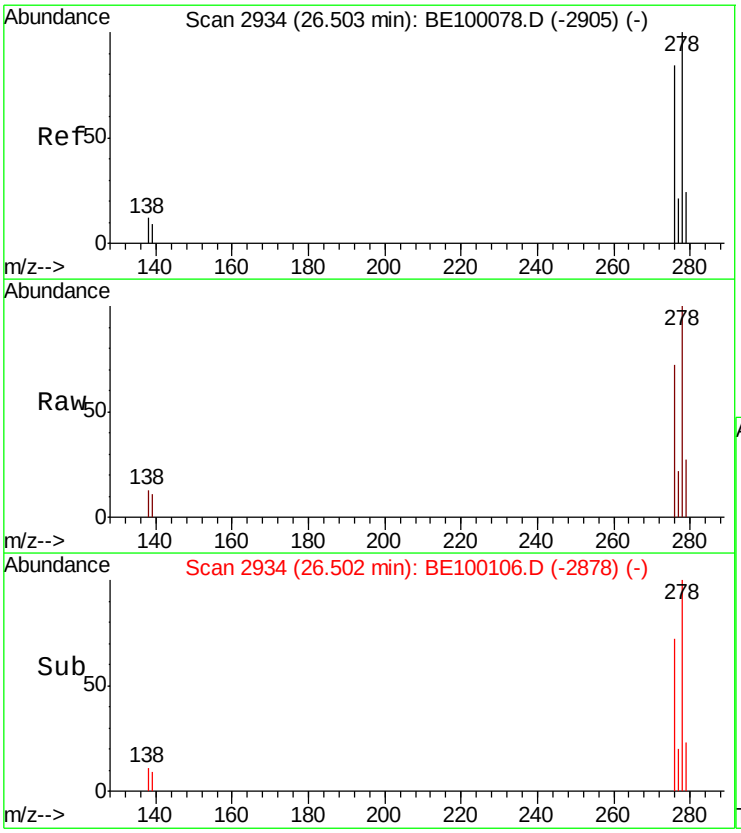
#37
Benzo(a)pyrene
Concen: 0.416 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:252 Resp: 9656

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.4	29.2
125	13.1	8.0	12.0#

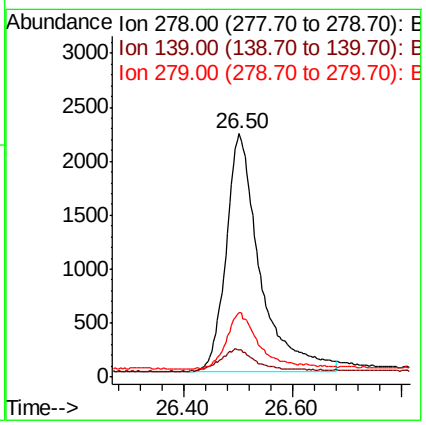


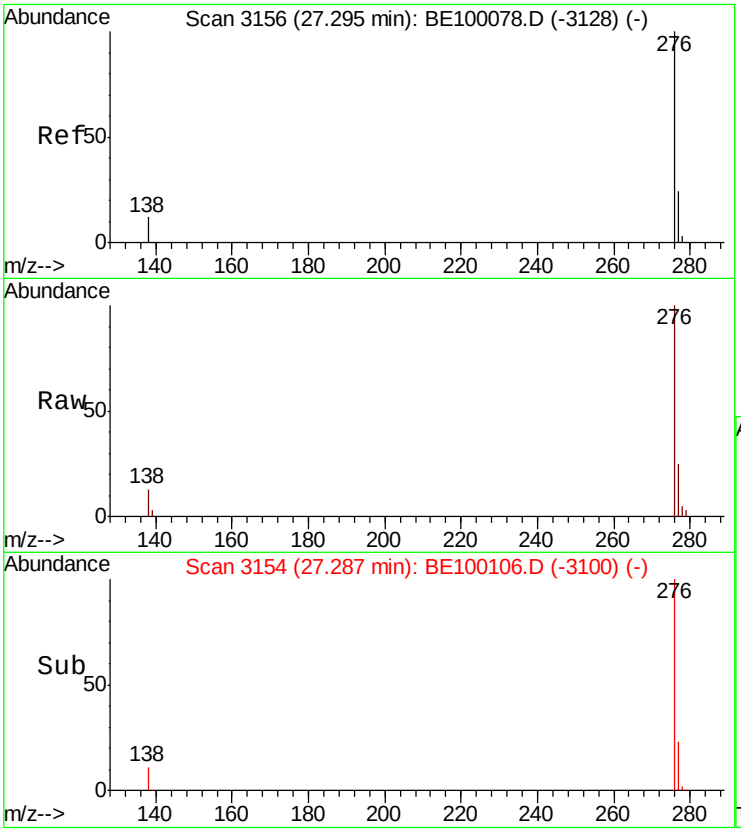


#38
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.00 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Tgt Ion:278 Resp: 9605

Ion	Ratio	Lower	Upper
278	100		
139	11.1	9.0	13.6
279	26.7	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.413 ng
RT: 27.29 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BE100106.D
Acq: 20 Jun 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PB120548BS

Tgt Ion:276 Resp: 10204

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.3	30.5
138	12.9	11.3	16.9