Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012020\

Quantitation Report (Not Reviewed)

Data File : BE101097.D
Acq On : 20 Jan 2020 11:33
Operator : JU
Sample : PB126102BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB126102BS

Quant Time: Jan 21 02:06:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1292	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	6092	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	4301	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	11147	0.40	ng		0.00
27) Chrysene-d12	21.27	240	18540	0.40	ng		-0.01
34) Perylene-d12	23.70	264	22400	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	1372	0.47	ng		-0.01
5) Phenol-d6	6.91	99	1402	0.38	ng		-0.01
8) Nitrobenzene-d5	8.87	82	1557	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	4627	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	354	0.29	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	5872	0.36	ng		-0.01
25) Fluoranthene-d10	19.13	212	66770	0.43	ng		0.00
29) Terphenyl-d14	19.73	244	12742	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1033	0.301	ng		87
3) n-Nitrosodimethylamine	3.61	42	628	0.350	ng	#	87
6) bis(2-Chloroethyl)ether	7.15	93	1733	0.396	ng	#	92
9) Naphthalene	10.55	128	25765	0.381	ng		99
10) Hexachlorobutadiene	10.84	225	1168	0.408	ng		99
12) 2-Methylnaphthalene	12.18	142	3874	0.379	ng		99
16) Acenaphthylene	14.08	152	6148	0.351	ng		99
17) Acenaphthene	14.41	154	4673	0.373	ng		99
18) Fluorene	15.39	166	5981	0.377	ng		98
20) 4-Bromophenyl-phenylether	16.30	248	2132	0.392	ng		99
21) Hexachlorobenzene	16.41	284	2201	0.369	ng		97
22) Pentachlorophenol	16.76	266	240	0.365	ng	#	86
23) Phenanthrene	17.13	178	11219	0.369	ng		99
24) Anthracene	17.23	178	10412	0.363	ng		97
26) Fluoranthene	19.16	202	16679	0.438	ng		98
28) Pyrene	19.52	202	17222	0.250	ng		99
30) Benzo(a)anthracene	21.26	228	18686	0.353	ng		98
31) Chrysene	21.31	228	31725	0.403	ng		98
32) Bis(2-ethylhexyl)phthalate	21.20	149	36328	0.412	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.24	276	21471	0.346	ng		96
35) Benzo(b)fluoranthene	22.95	252	23247	0.370	ng		99
36) Benzo(k)fluoranthene	23.00	252	33819	0.371	ng		97
37) Benzo(a)pyrene	23.59	252	22408	0.369	ng		98
38) Dibenzo(a,h)anthracene	26.28	278	15441	0.276	ng		97
39) Benzo(g,h,i)perylene	27.02	276	19297	0.281	ng		99

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

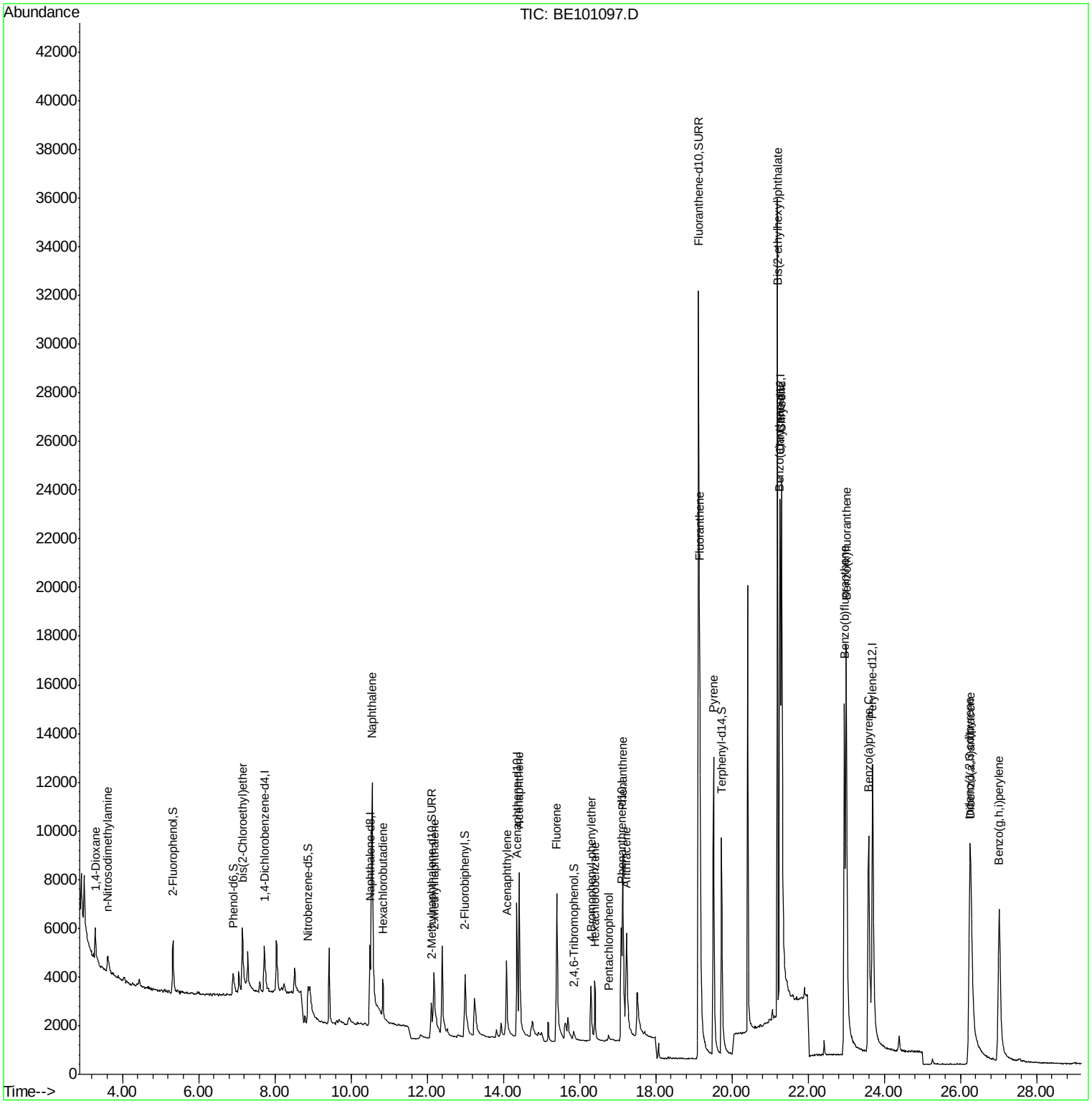
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012020\

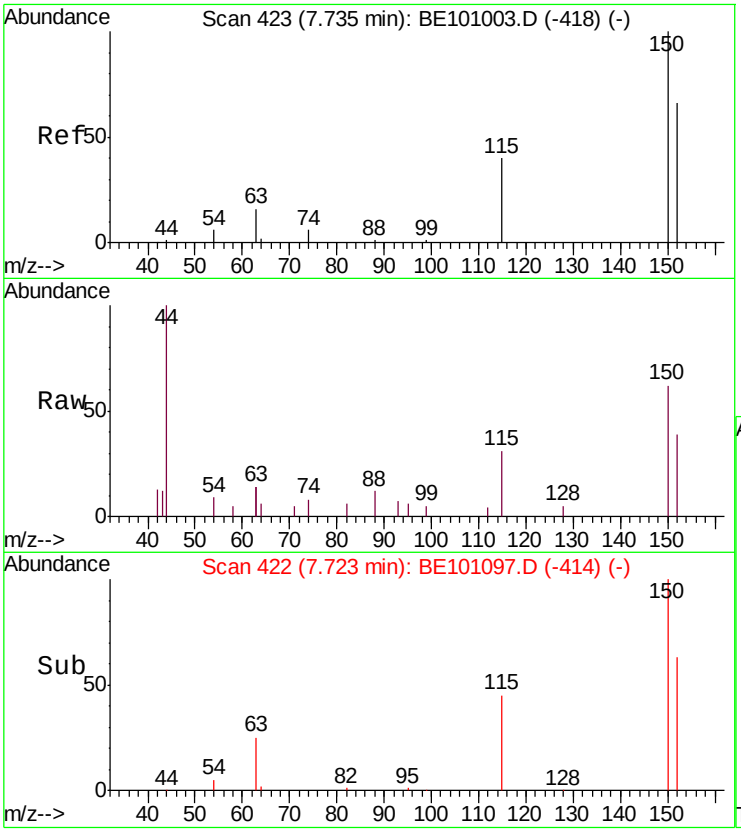
Quantitation Report (Not Reviewed)

Data File : BE101097.D
Acq On : 20 Jan 2020 11:33
Operator : JU
Sample : PB126102BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Quant Time: Jan 21 02:06:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



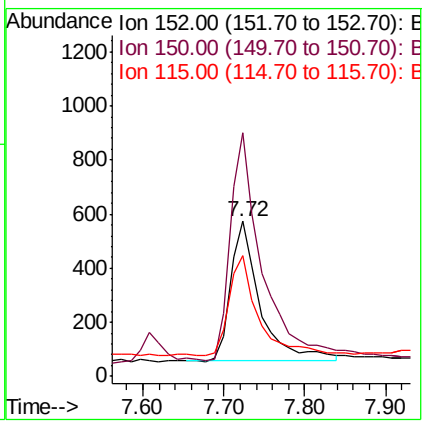


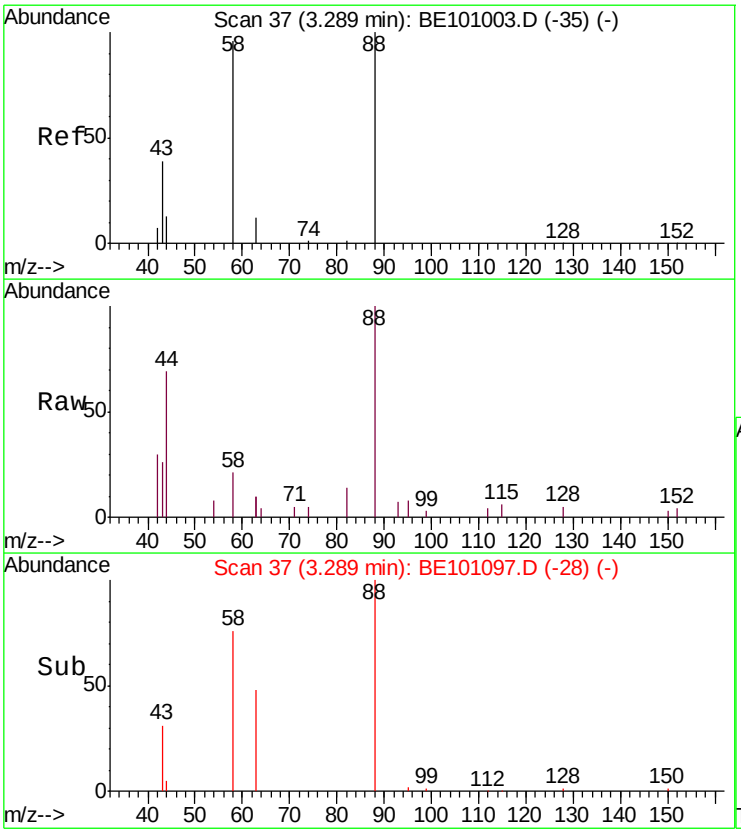
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:152 Resp: 1292

Ion	Ratio	Lower	Upper
152	100		
150	157.2	120.3	180.5
115	77.7	51.7	77.5#

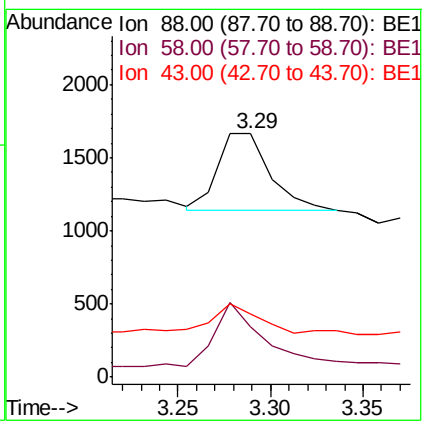


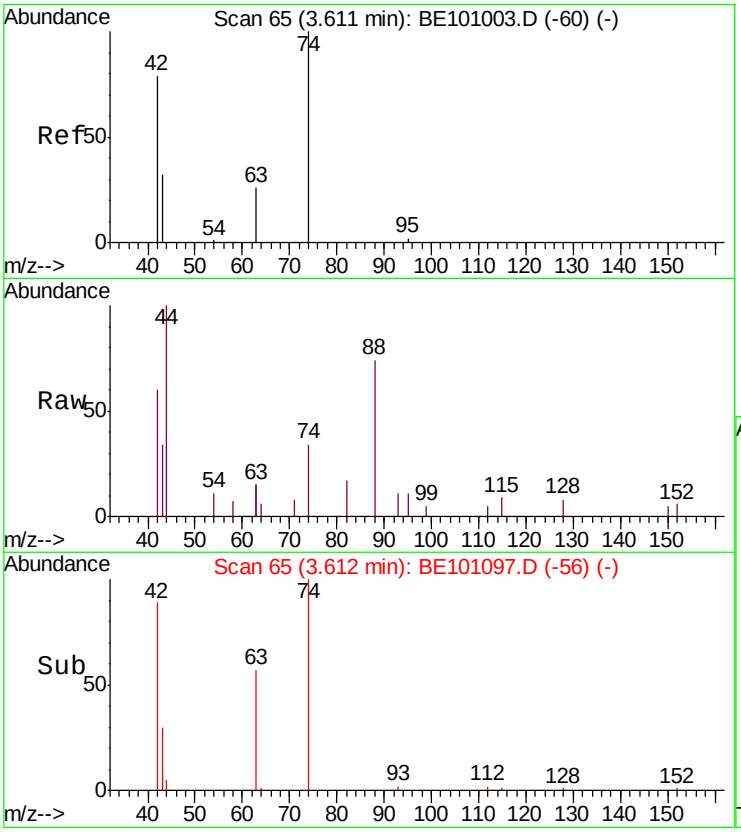


#2
1,4-Dioxane
Concen: 0.301 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion: 88 Resp: 1033

Ion	Ratio	Lower	Upper
88	100		
58	78.0	53.0	79.4
43	33.8	23.4	35.2



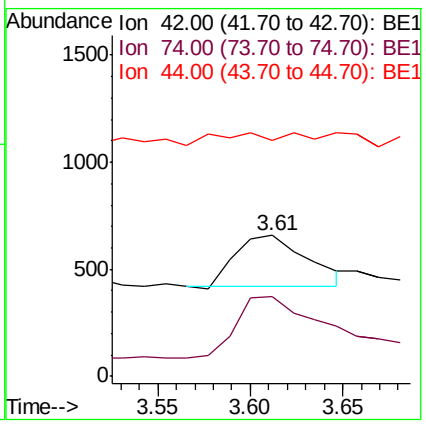


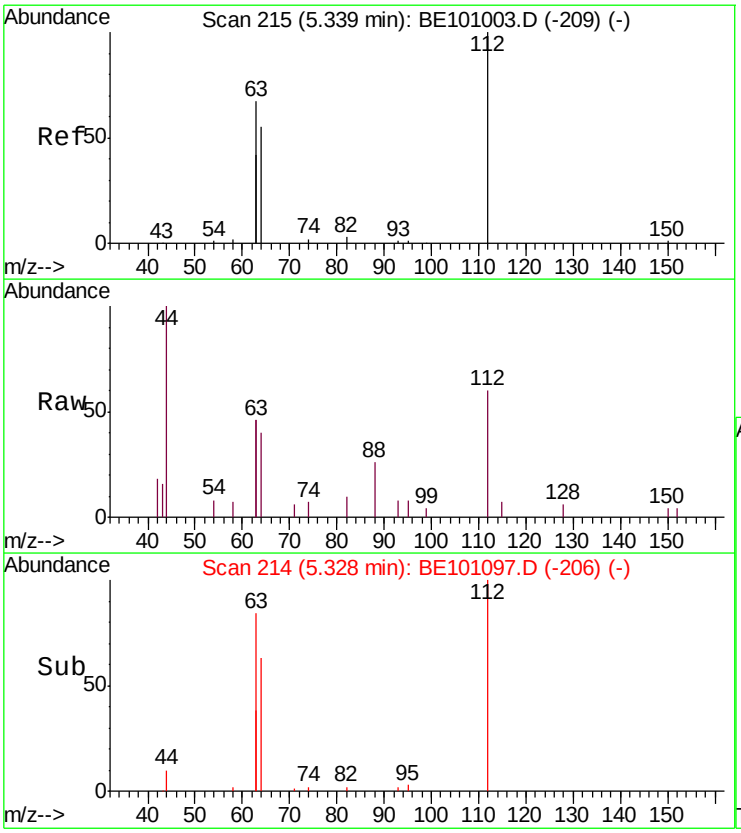
#3
n-Nitrosodimethylamine
Concen: 0.350 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion: 42 Resp: 628

Ion	Ratio	Lower	Upper
42	100		
74	147.6	105.7	158.5
44	17.5	10.0	15.0#

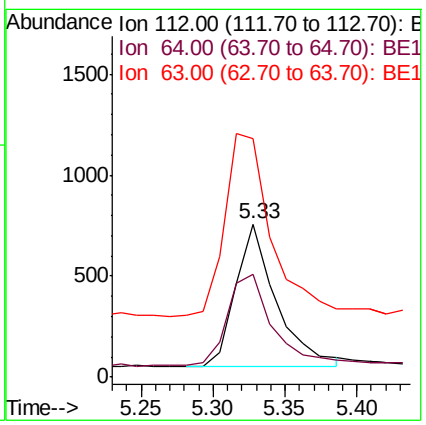


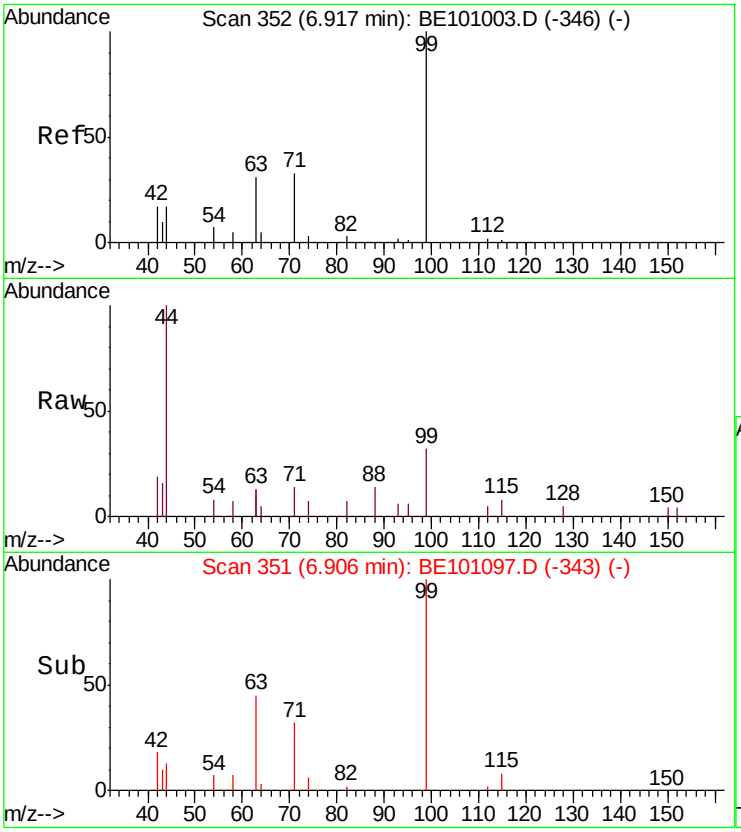


#4
2-Fluorophenol
Concen: 0.472 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:112 Resp: 1372

Ion	Ratio	Lower	Upper
112	100		
64	72.4	53.6	80.4
63	148.7	114.6	172.0



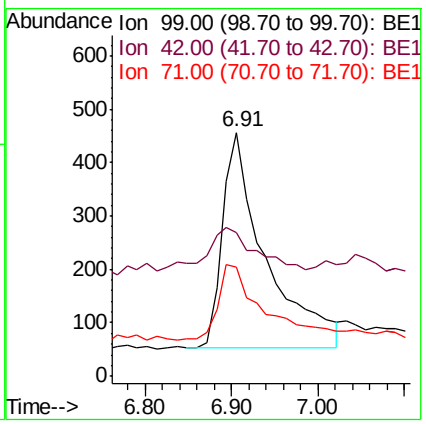


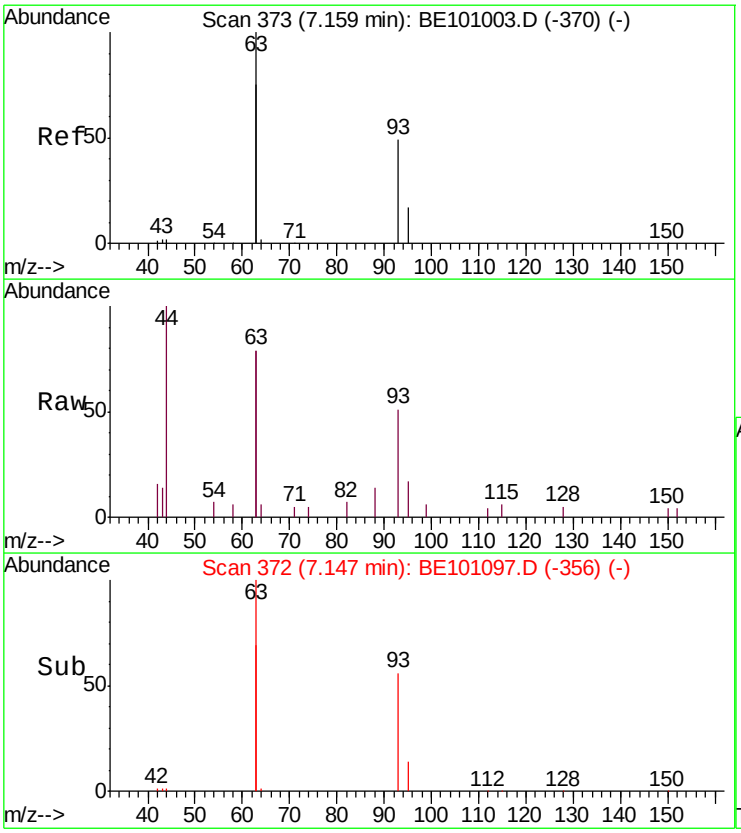
#5
Phenol-d6
Concen: 0.381 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion: 99 Resp: 1402

Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.3	27.5
71	36.7	28.0	42.0

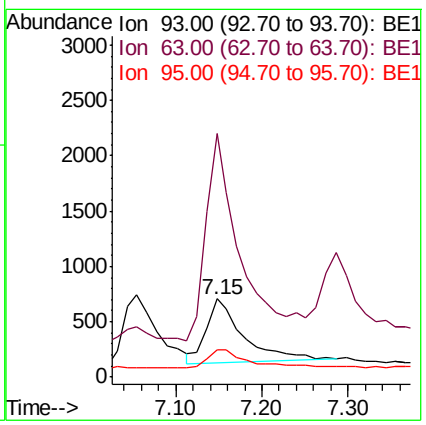


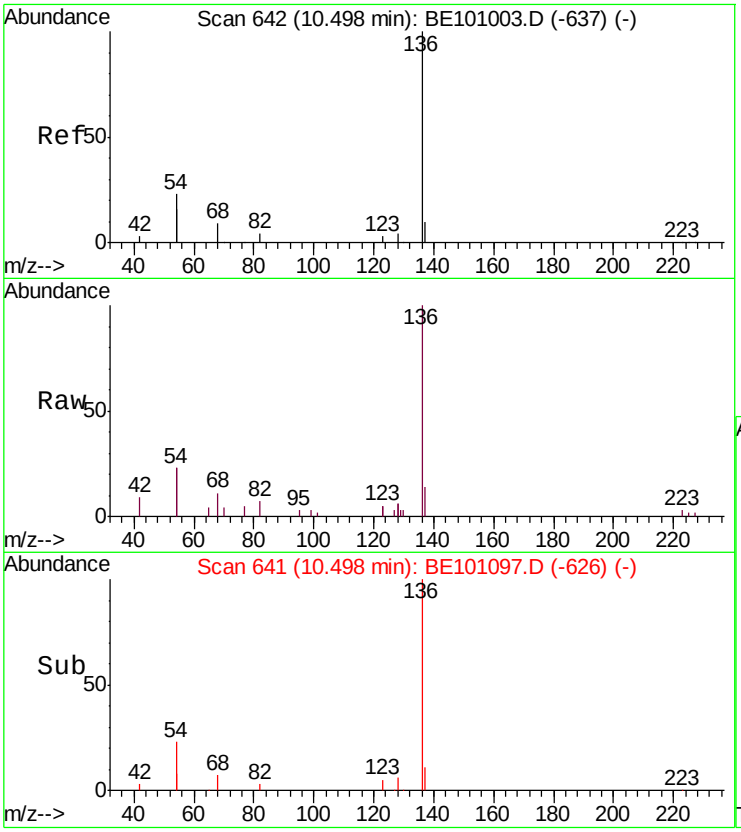


#6
bis(2-Chloroethyl)ether
Concen: 0.396 ng
RT: 7.15 min Scan# 372
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion: 93 Resp: 1733

Ion	Ratio	Lower	Upper
93	100		
63	278.1	233.9	350.9
95	36.7	23.5	35.3#



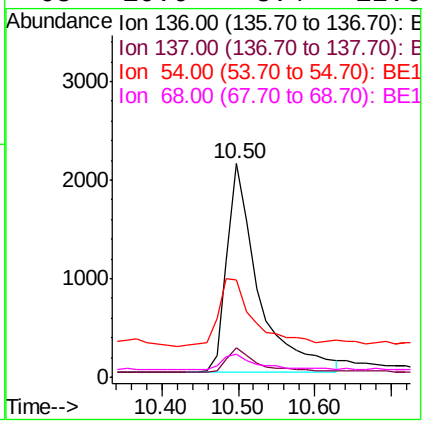


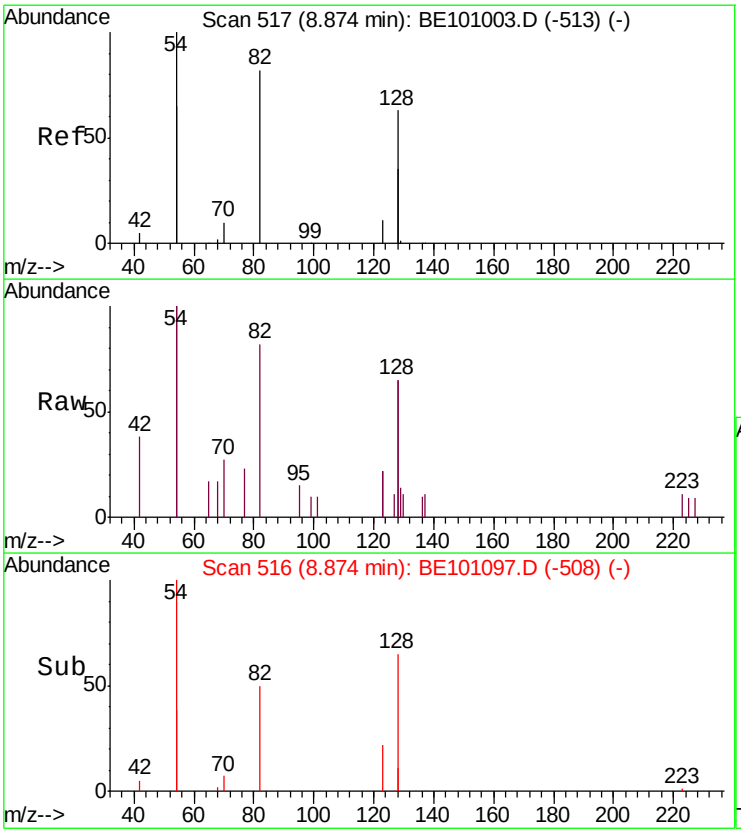
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:136 Resp: 6092

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.3	13.9
54	45.3	36.8	55.2
68	10.6	8.4	12.6

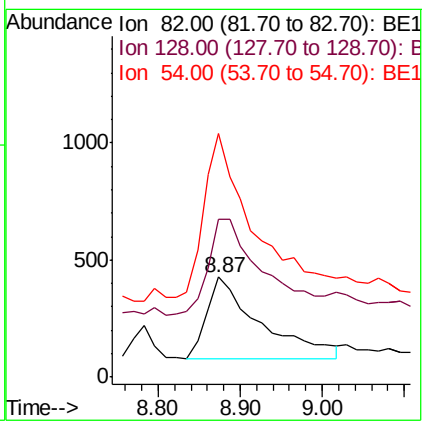


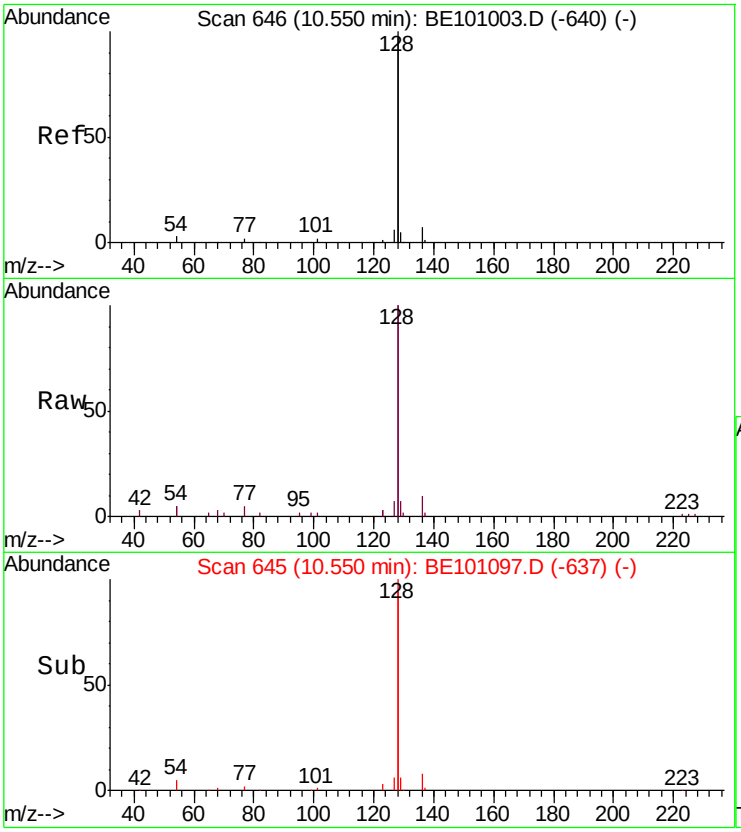


#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion: 82 Resp: 1557

Ion	Ratio	Lower	Upper
82	100		
128	158.7	109.8	164.6
54	244.1	174.5	261.7



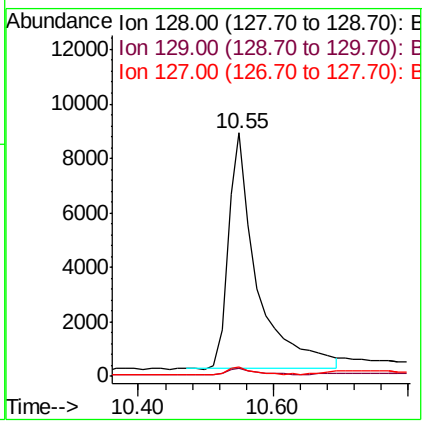


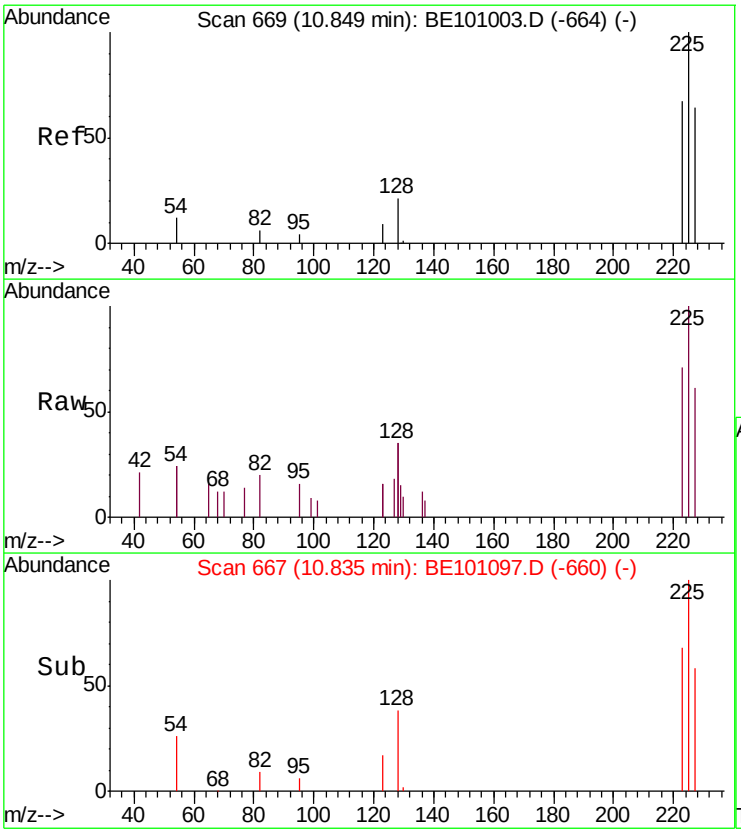
#9
Naphthalene
Concen: 0.381 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:128 Resp: 25765

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.3	3.5
127	3.7	2.7	4.1

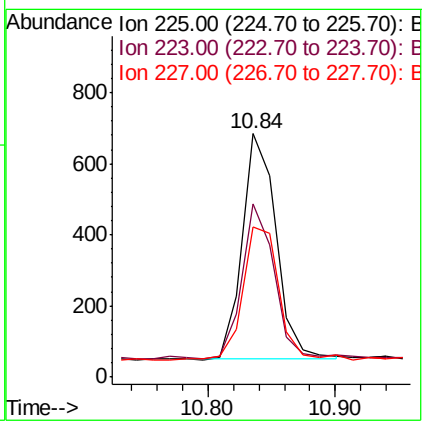


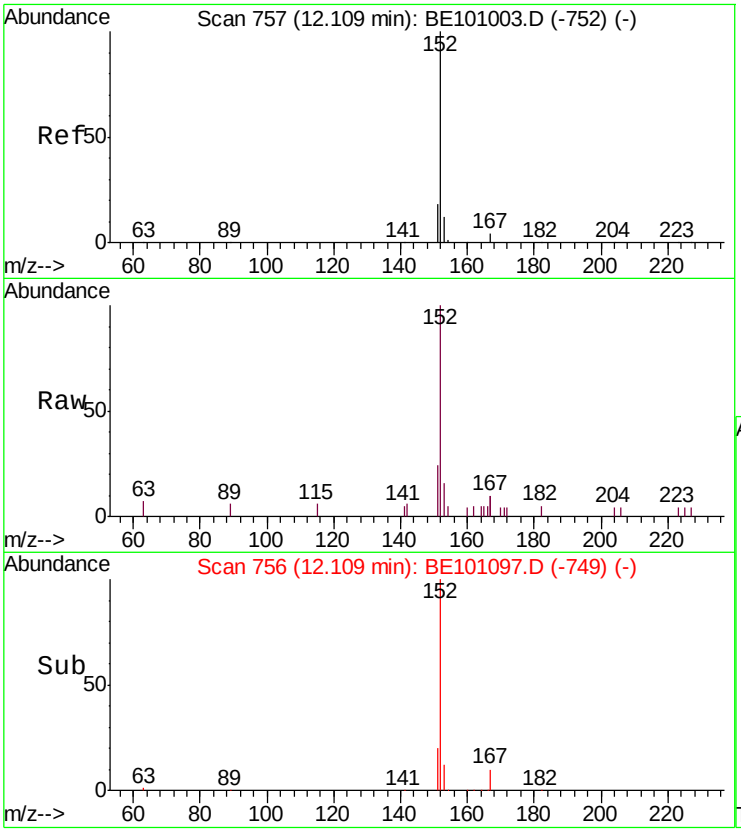


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 10.84 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:225 Resp: 1168

Ion	Ratio	Lower	Upper
225	100		
223	65.8	52.2	78.4
227	62.1	49.9	74.9



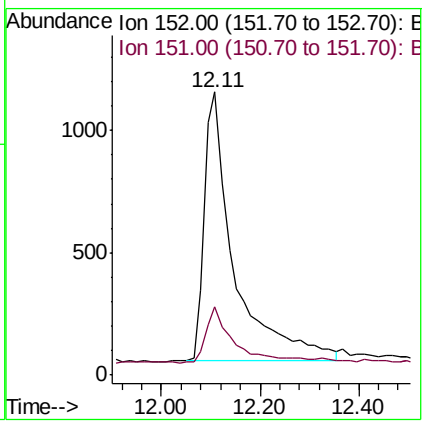


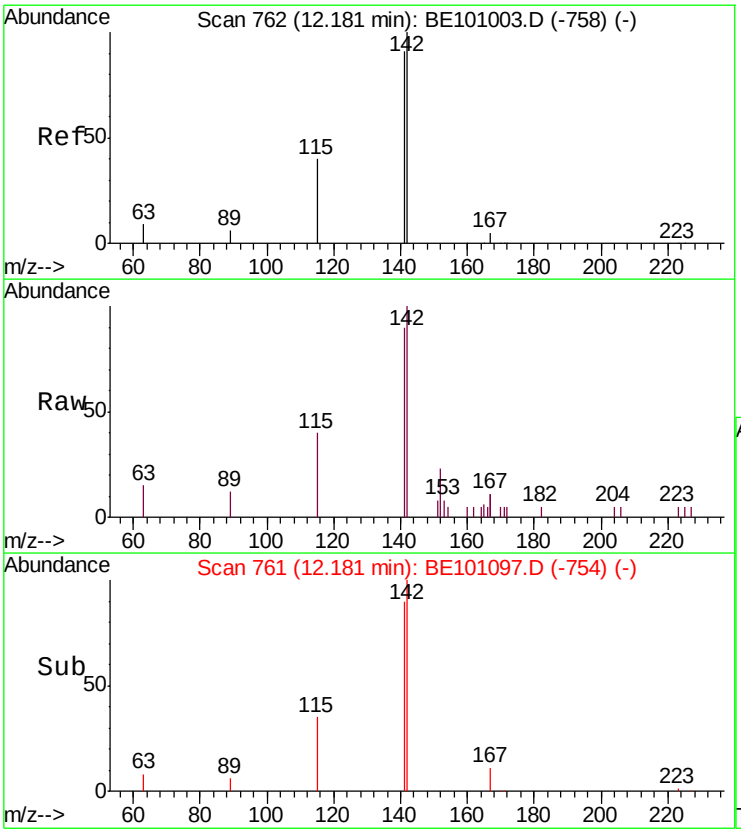
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.11 min Scan# 756
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:152 Resp: 4627

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.0	22.6

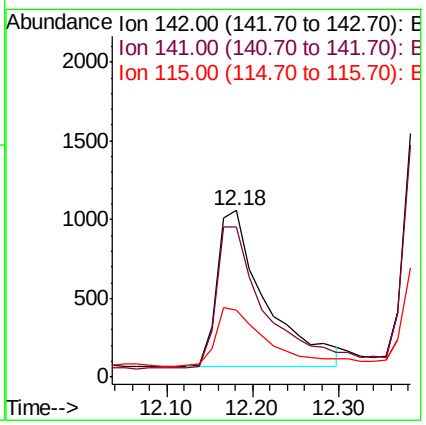


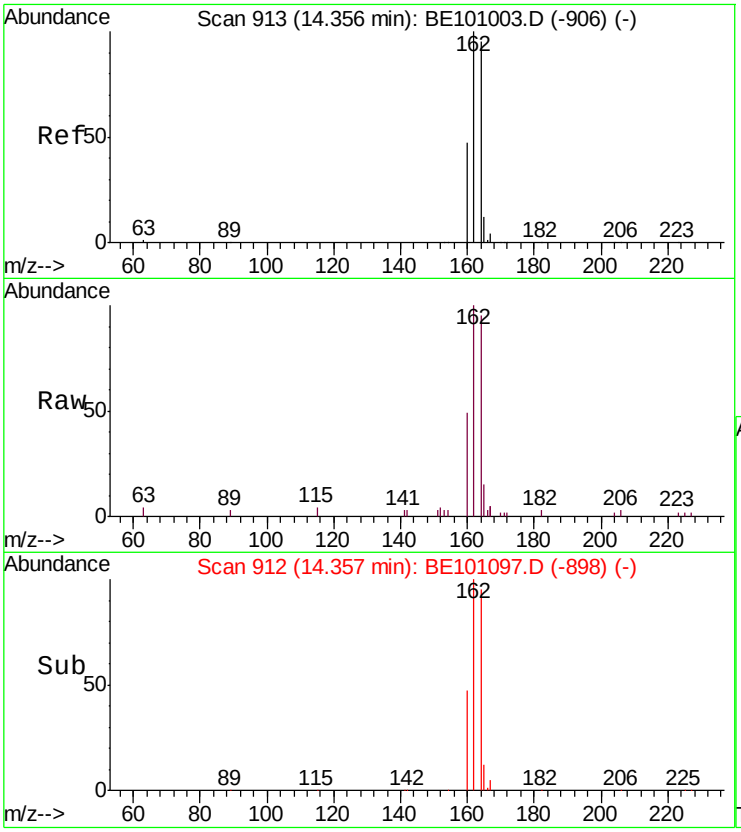


#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 12.18 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:142 Resp: 3874

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.5	108.7
115	40.1	33.0	49.6



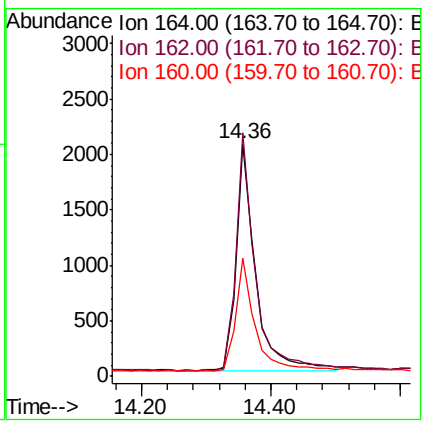


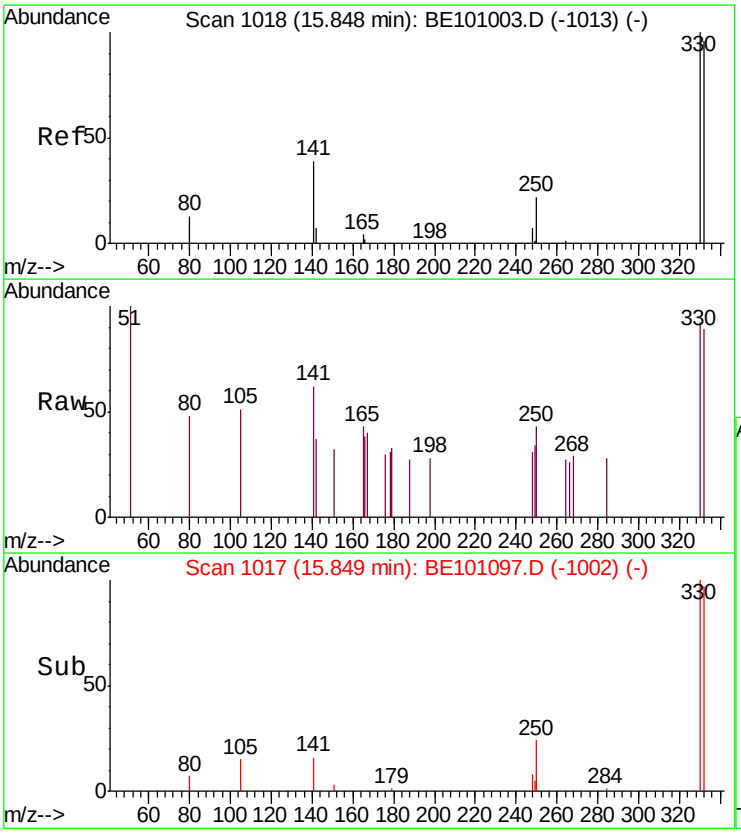
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:164 Resp: 4301

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.1	126.1
160	51.1	40.4	60.6

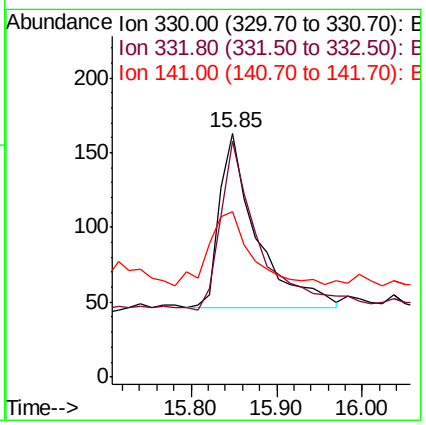


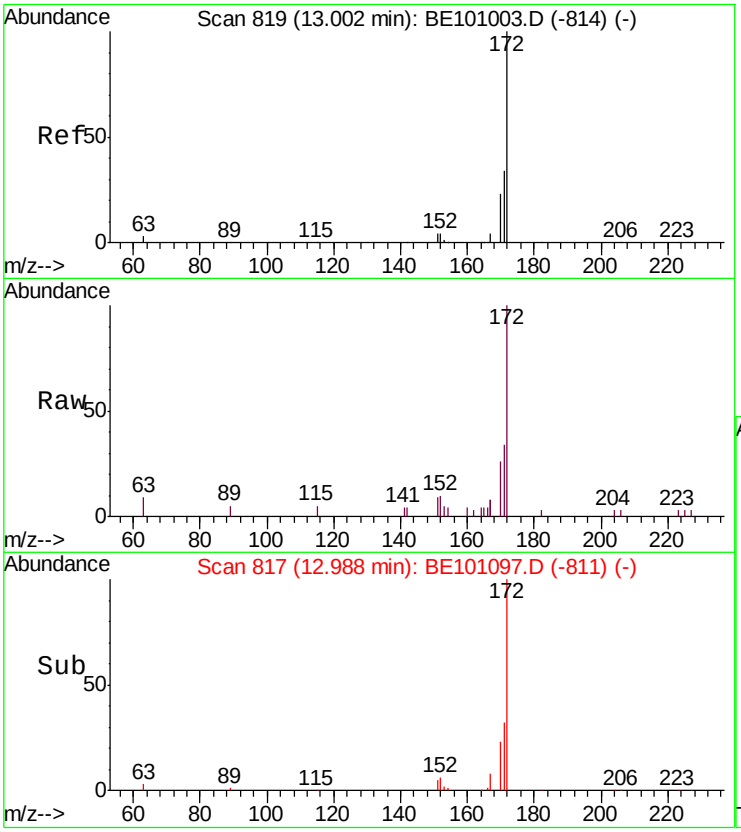


#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:330 Resp: 354

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.4	117.6
141	47.7	37.0	55.4



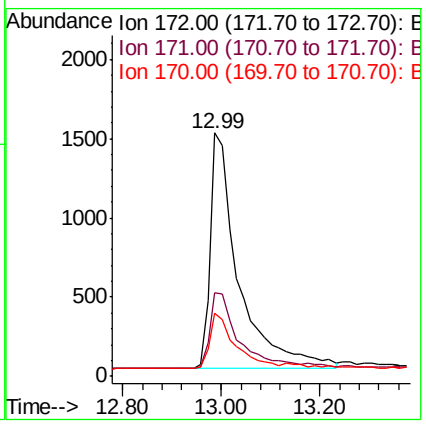


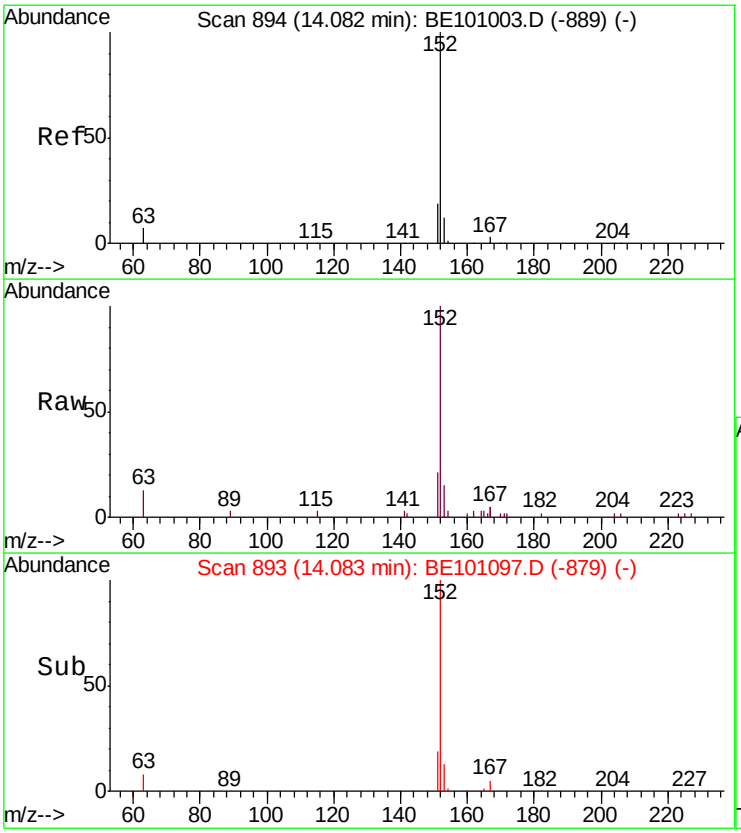
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:172 Resp: 5872

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	25.8	18.9	28.3

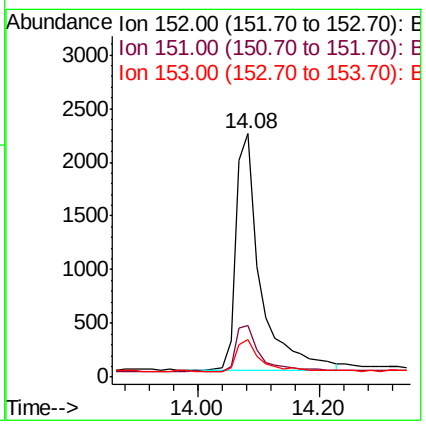


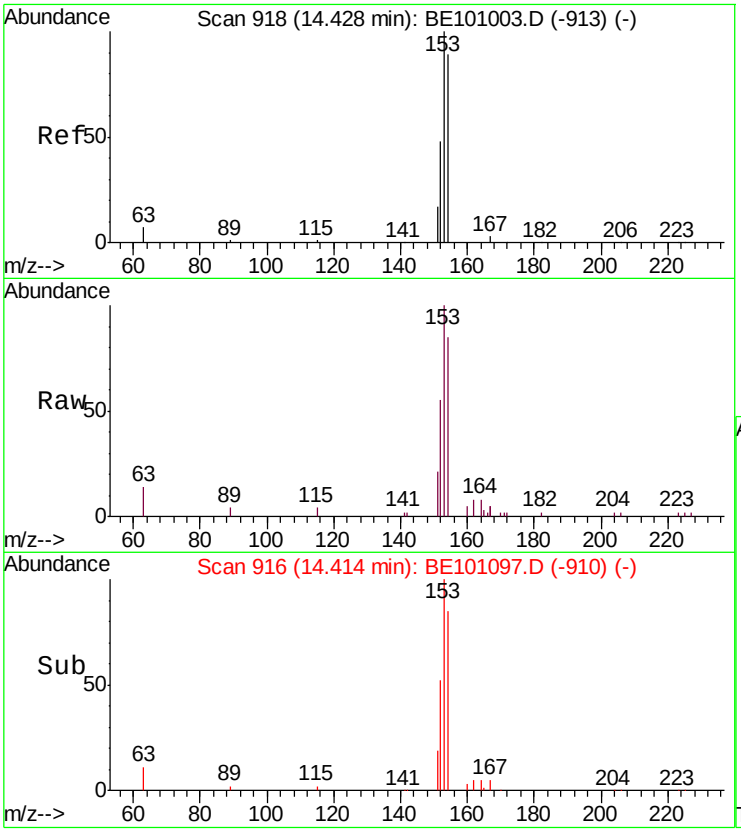


#16
Acenaphthylene
Concen: 0.351 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:152 Resp: 6148

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.5	10.4	15.6



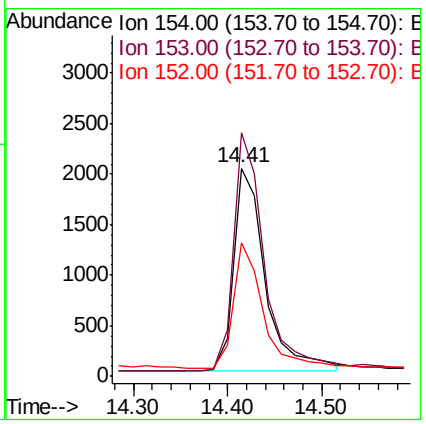


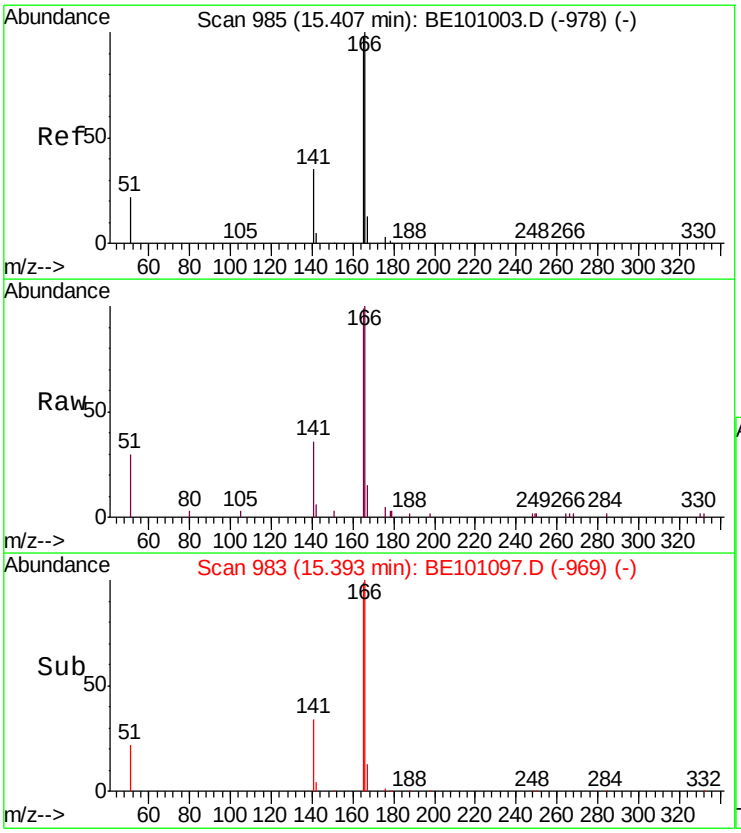
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:154 Resp: 4673

Ion	Ratio	Lower	Upper
154	100		
153	115.0	93.6	140.4
152	57.4	46.3	69.5

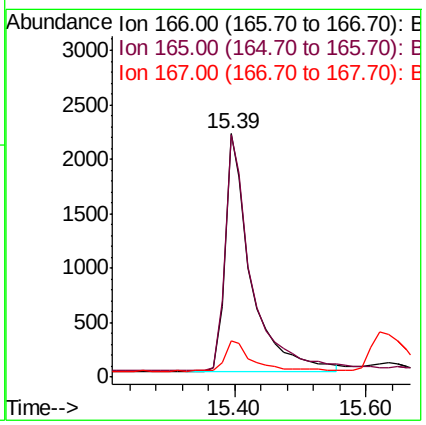


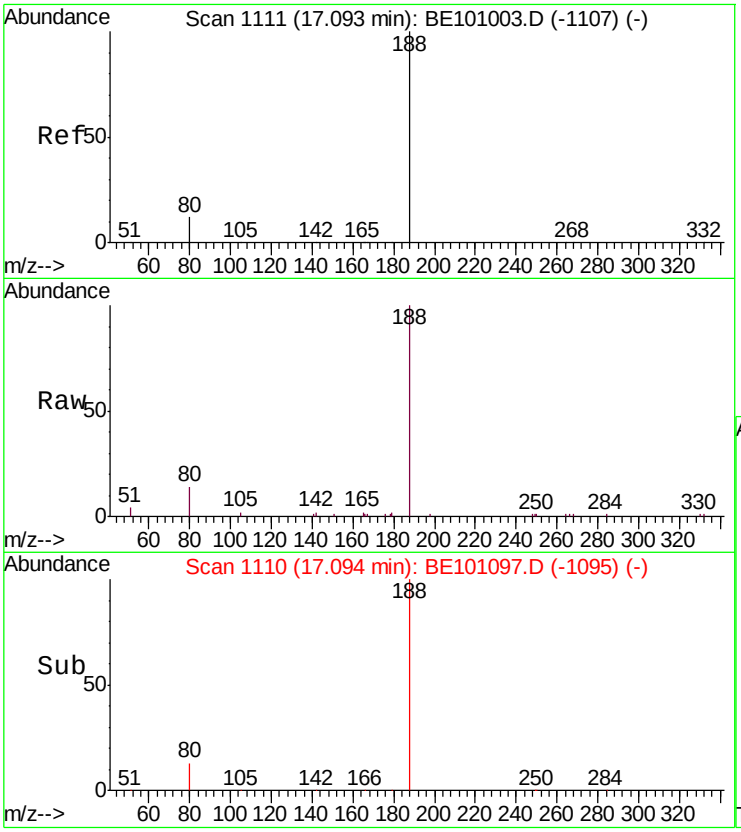


#18
Fluorene
Concen: 0.377 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:166 Resp: 5981

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.8	119.8
167	13.5	11.0	16.6



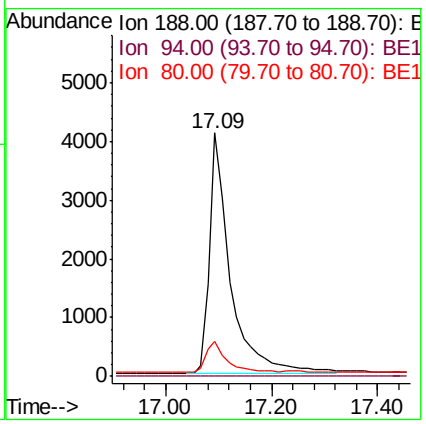


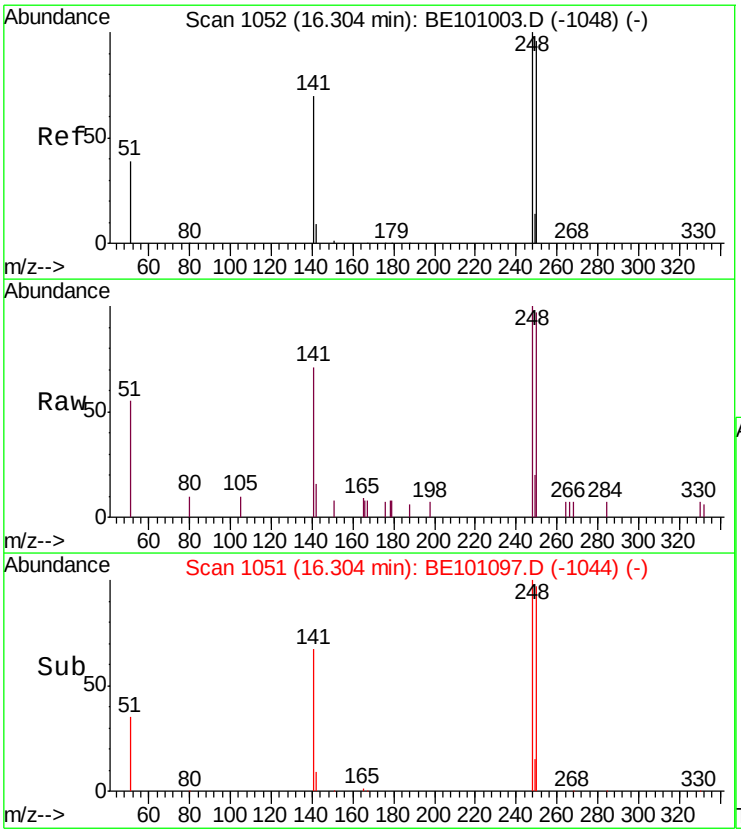
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:188 Resp: 11147

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	10.8	16.2

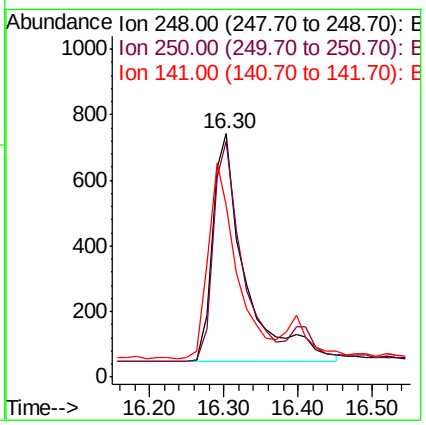


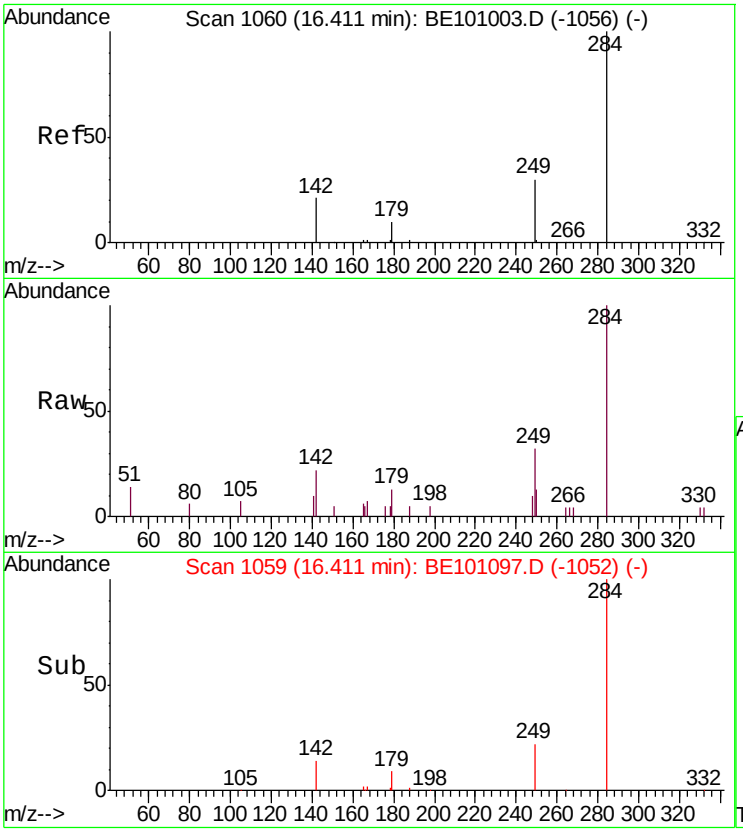


#20
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.30 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:248 Resp: 2132

Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.6	115.0
141	70.6	57.7	86.5



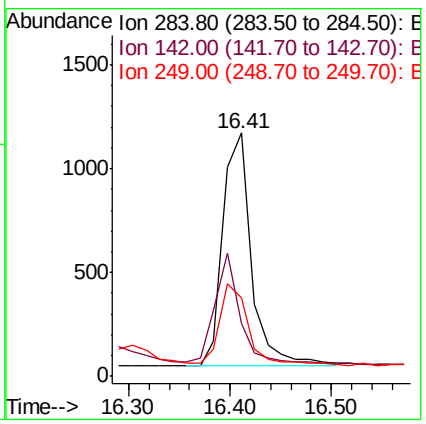


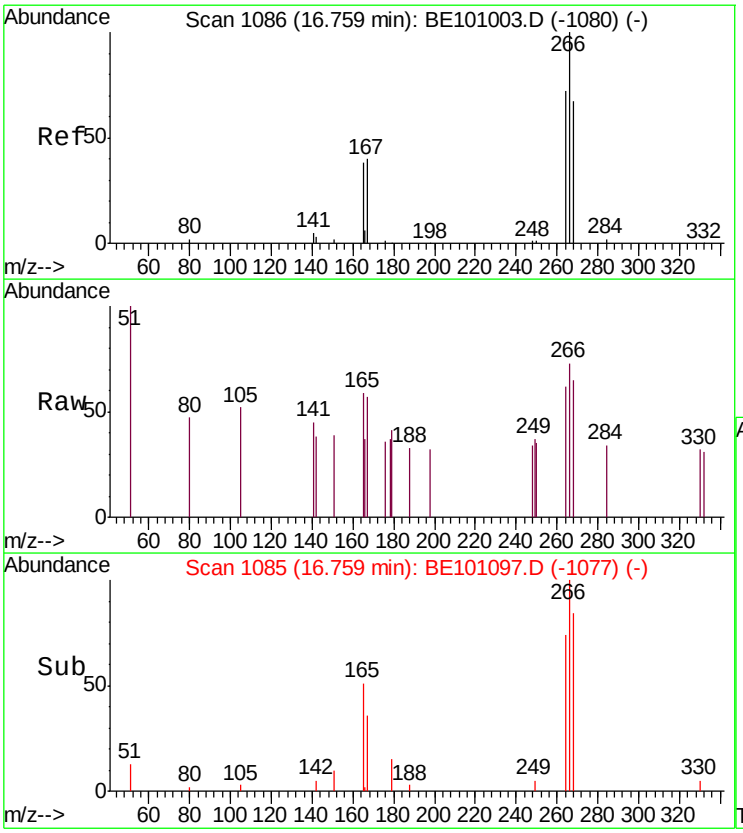
#21
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:284 Resp: 2201

Ion	Ratio	Lower	Upper
284	100		
142	40.7	34.0	51.0
249	32.9	28.2	42.4

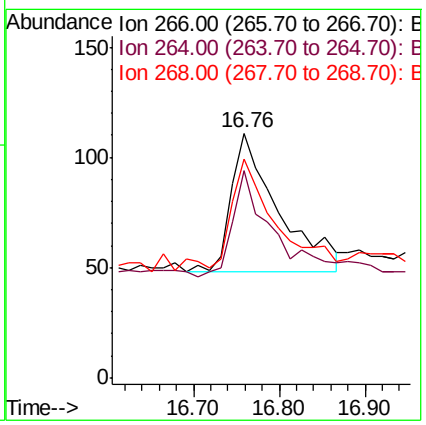


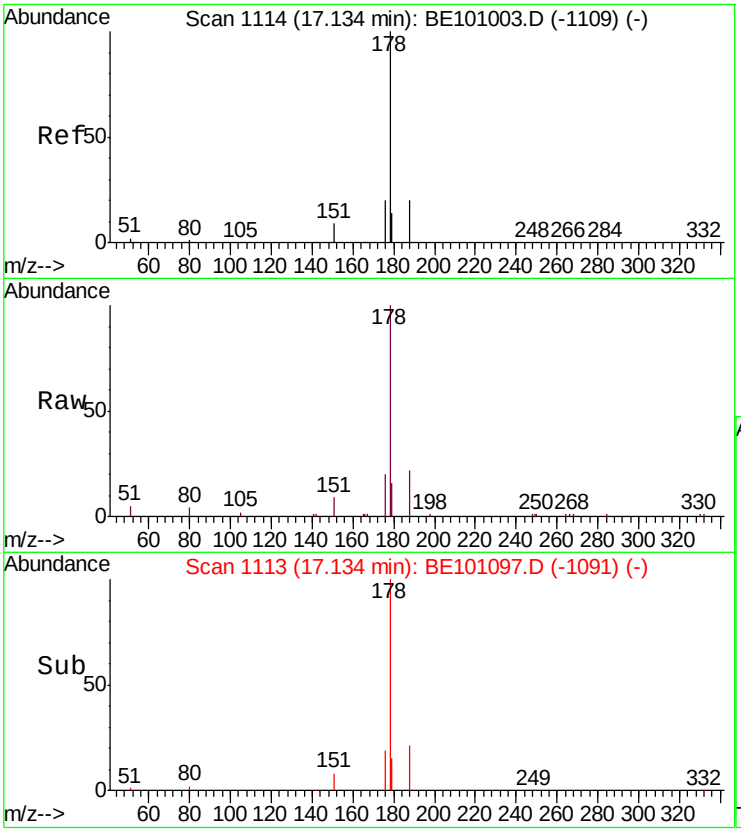


#22
Pentachlorophenol
Concen: 0.365 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:266 Resp: 240

Ion	Ratio	Lower	Upper
266	100		
264	84.7	61.0	91.4
268	89.2	58.5	87.7#



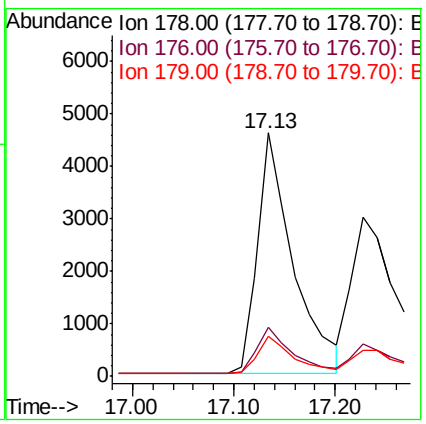


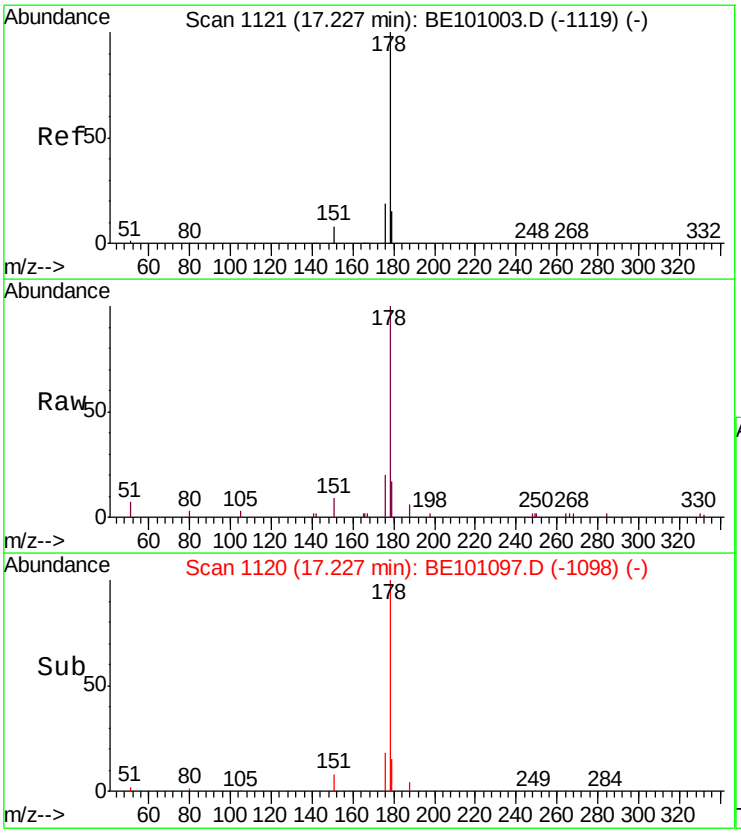
#23
Phenanthrene
Concen: 0.369 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:178 Resp: 11219

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.6	12.0	18.0

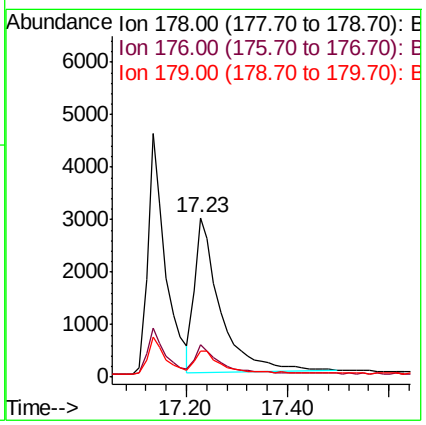


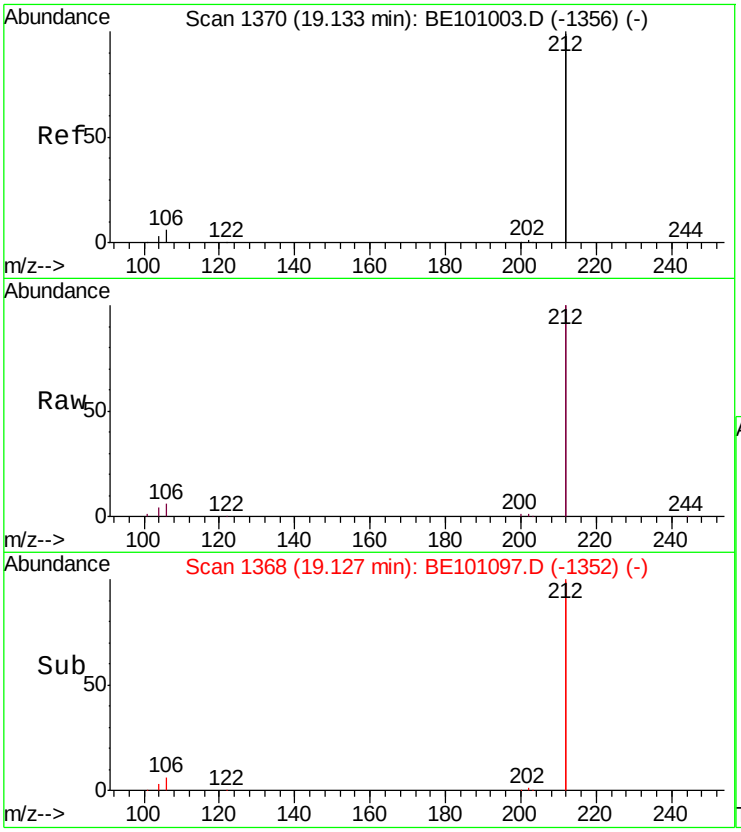


#24
Anthracene
Concen: 0.363 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:178 Resp: 10412

Ion	Ratio	Lower	Upper
178	100		
176	16.6	14.8	22.2
179	16.0	12.4	18.6



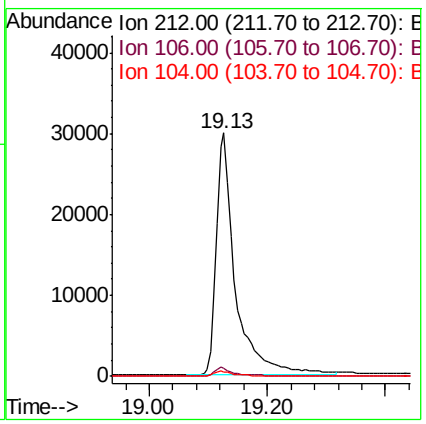


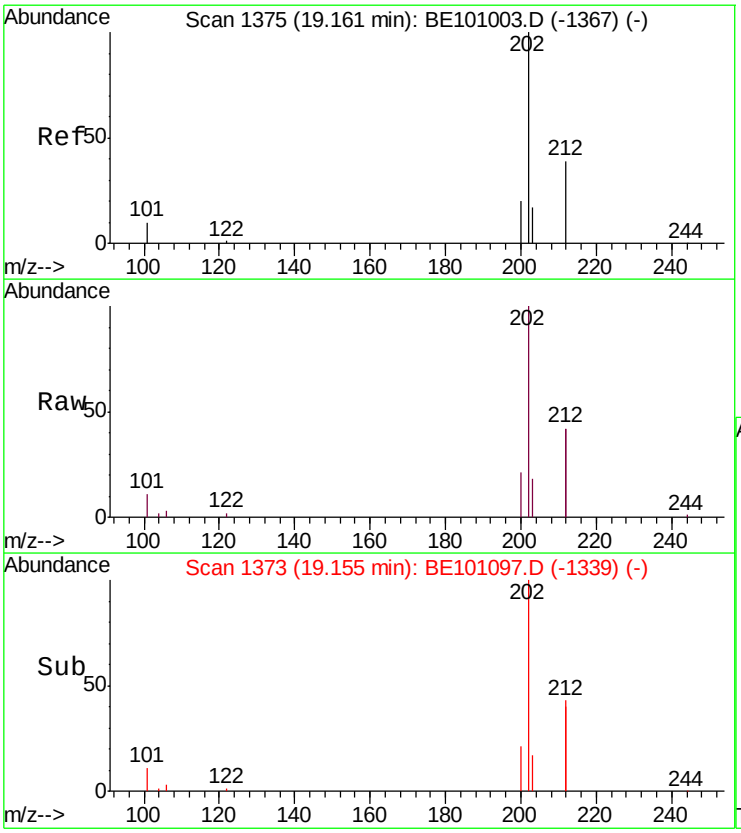
#25
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:212 Resp: 66770

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.0

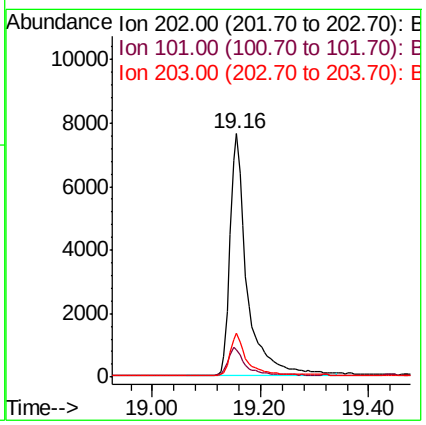


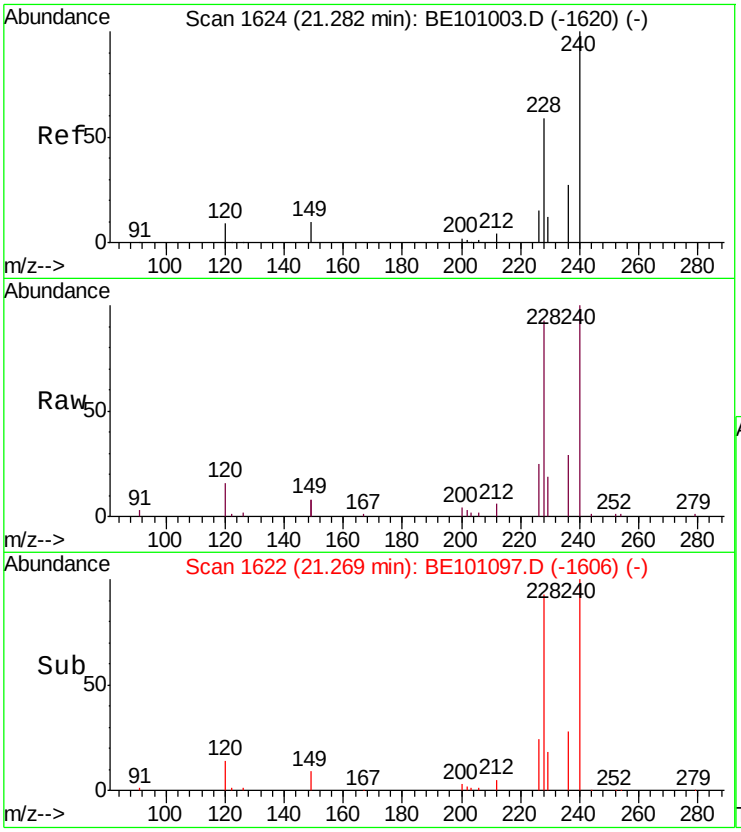


#26
Fluoranthene
Concen: 0.438 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:202 Resp: 16679

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.6	14.4
203	16.3	13.8	20.6



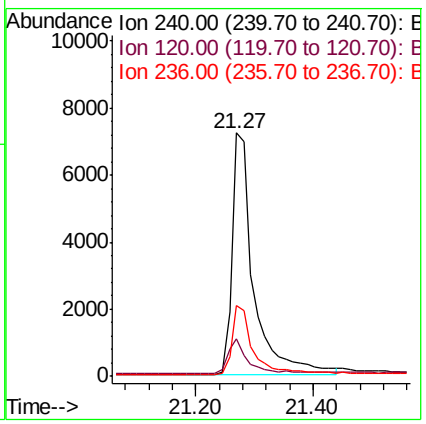


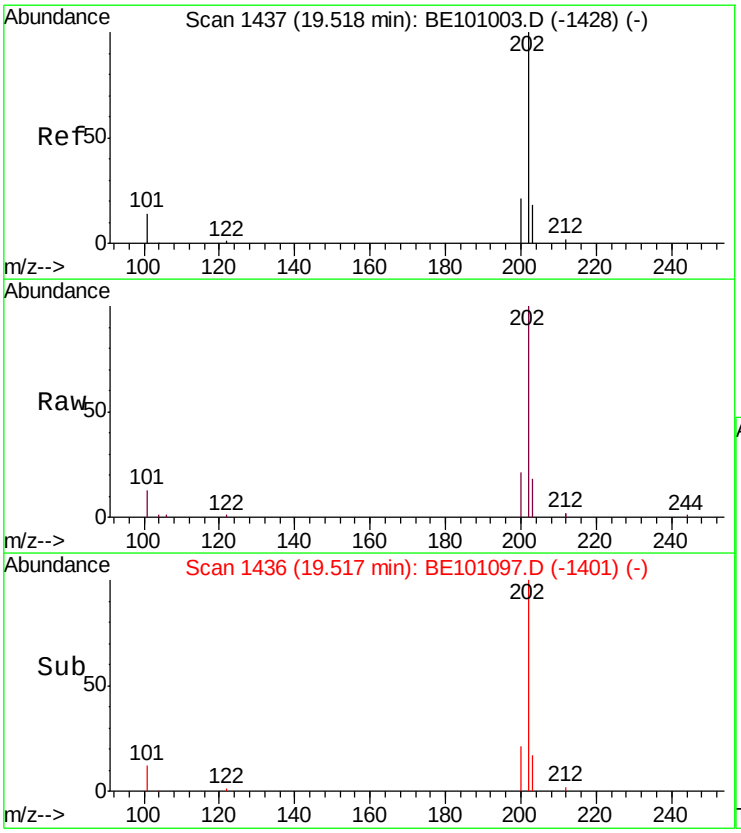
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:240 Resp: 18540

Ion	Ratio	Lower	Upper
240	100		
120	15.6	8.6	13.0#
236	28.8	22.2	33.4

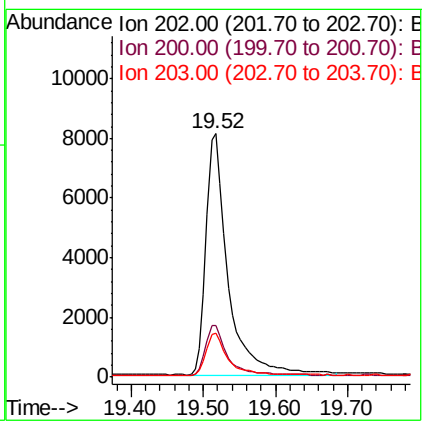


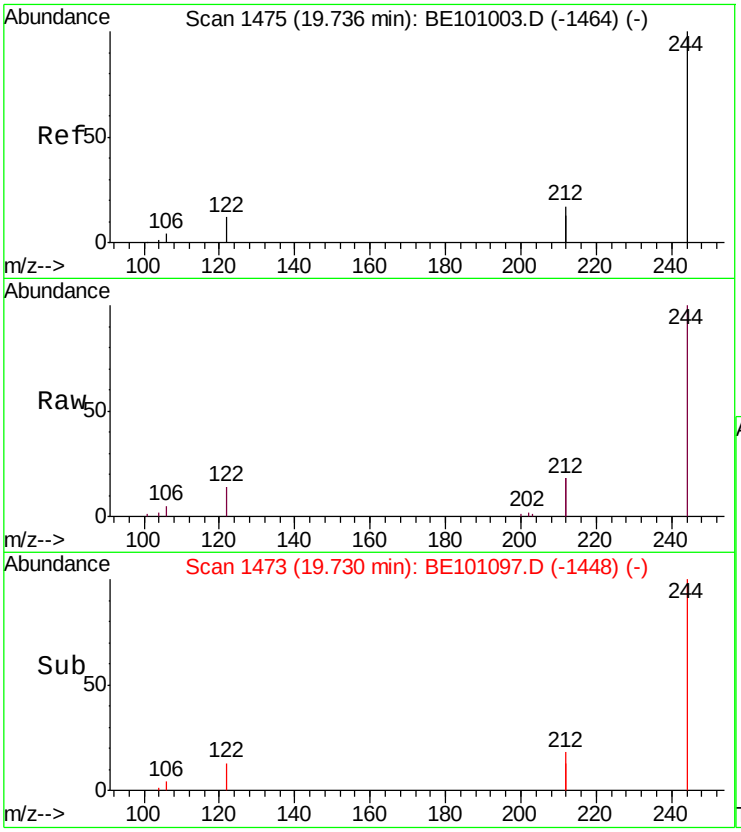


#28
Pyrene
Concen: 0.250 ng
RT: 19.52 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:202 Resp: 17222

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.7	13.8	20.6



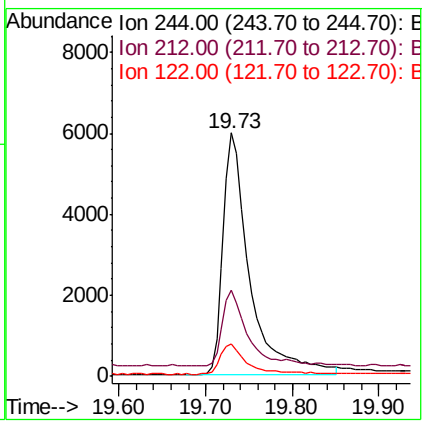


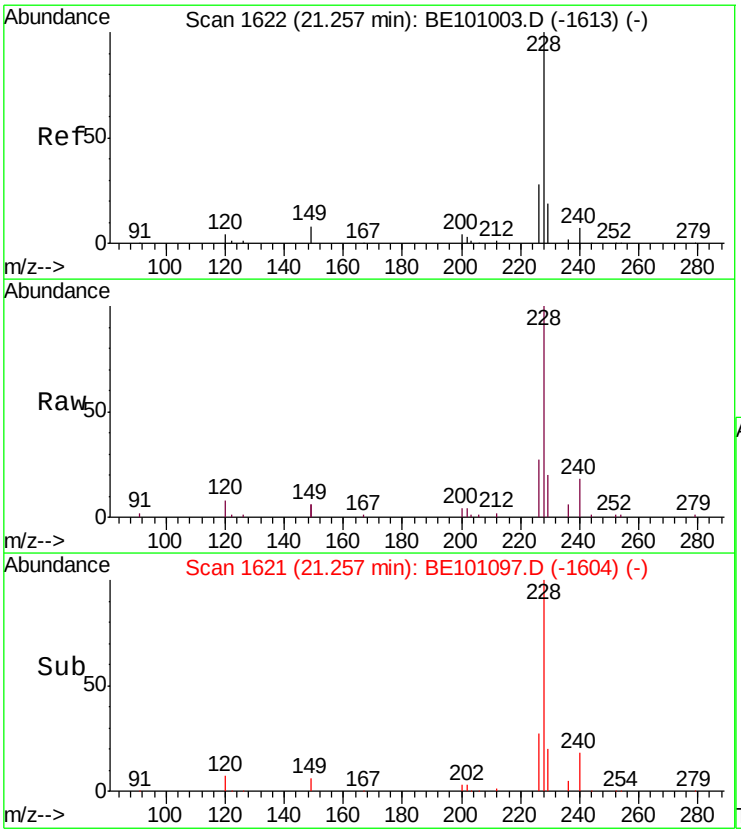
#29
Terphenyl-d14
Concen: 0.280 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:244 Resp: 12742

Ion	Ratio	Lower	Upper
244	100		
212	35.2	27.2	40.8
122	13.5	9.8	14.8

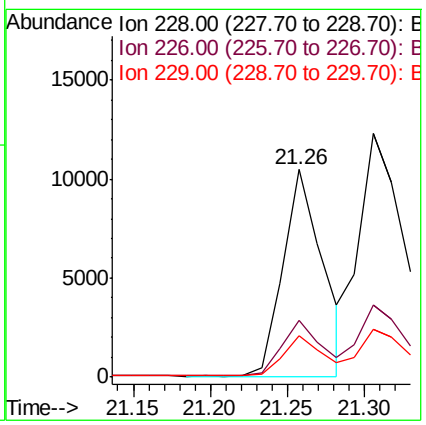


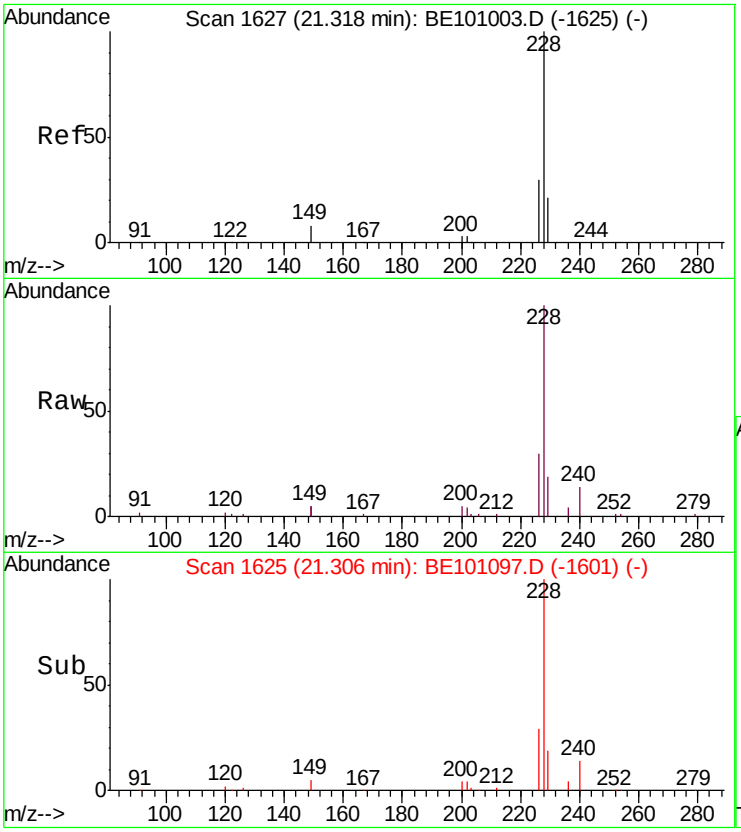


#30
Benzo(a)anthracene
Concen: 0.353 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:228 Resp: 18686

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.7	34.1
229	20.1	15.5	23.3



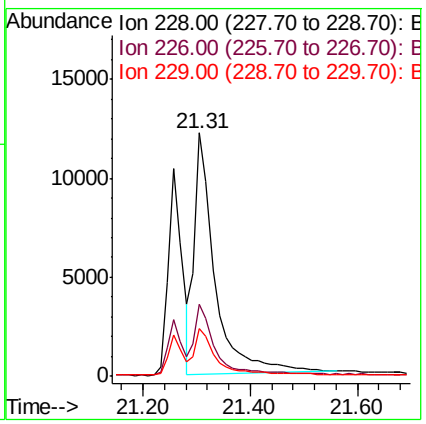


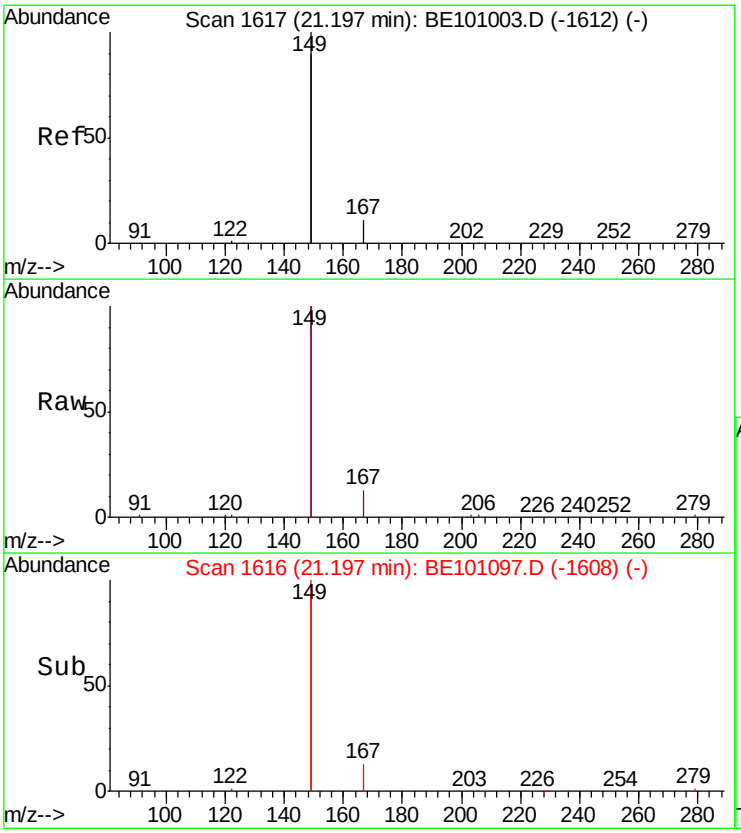
#31
Chrysene
Concen: 0.403 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:228 Resp: 31725

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	19.4	16.7	25.1

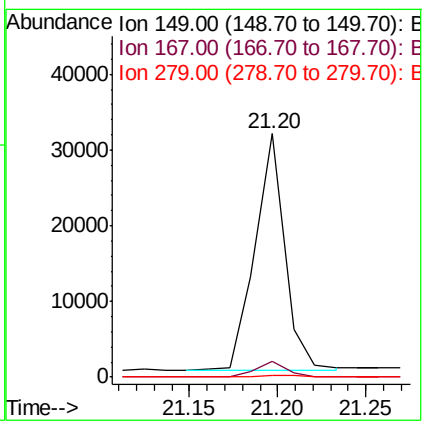


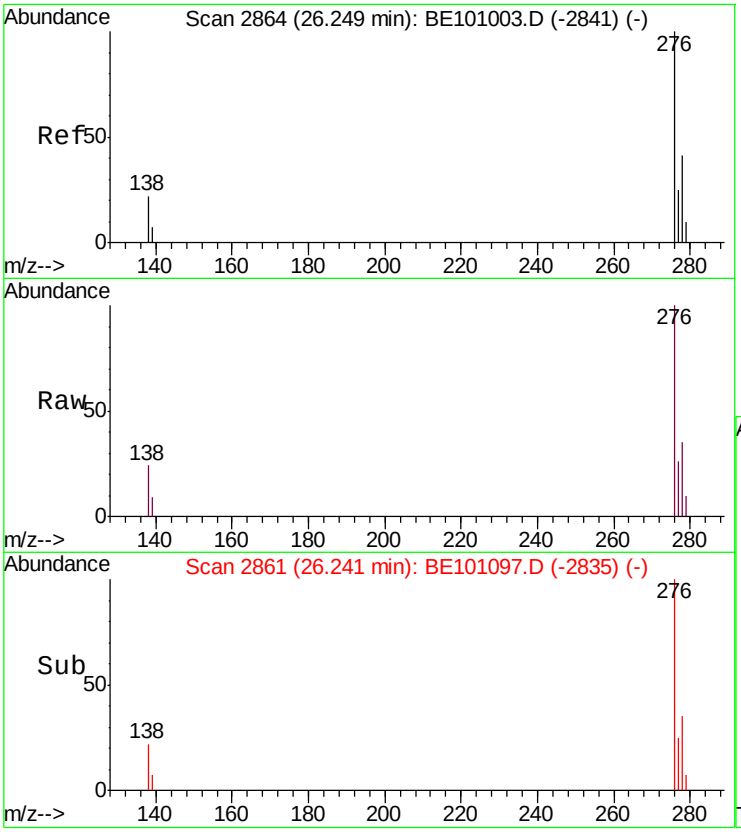


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.412 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:149 Resp: 36328

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.2	7.8
279	0.8	0.8	1.2#



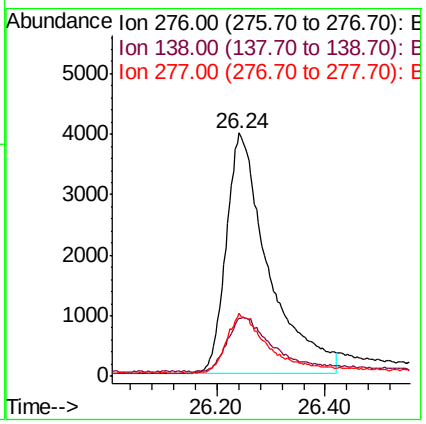


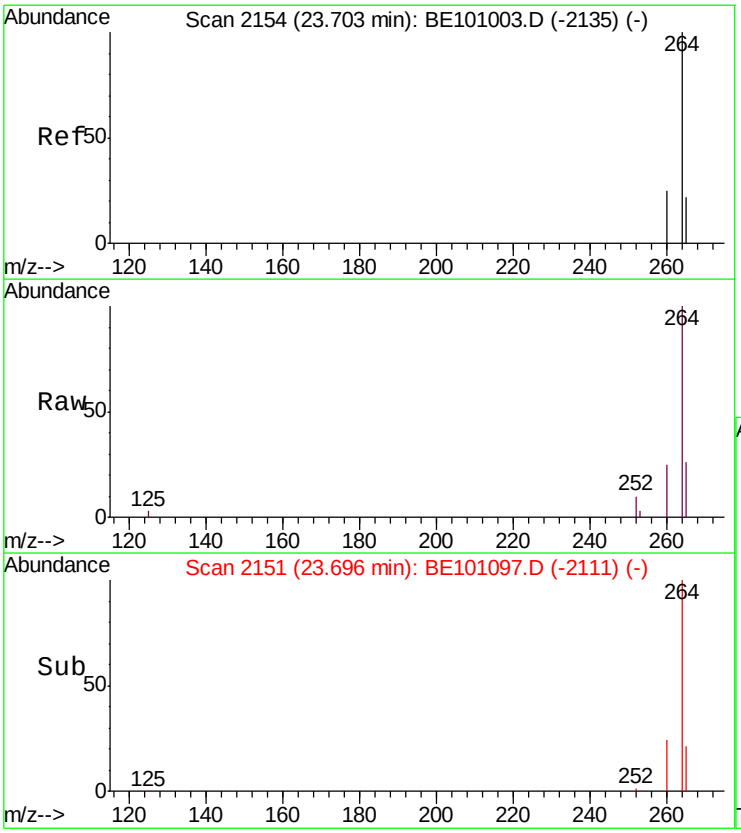
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng
RT: 26.24 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:276 Resp: 21471

Ion	Ratio	Lower	Upper
276	100		
138	22.8	16.1	24.1
277	23.6	18.1	27.1

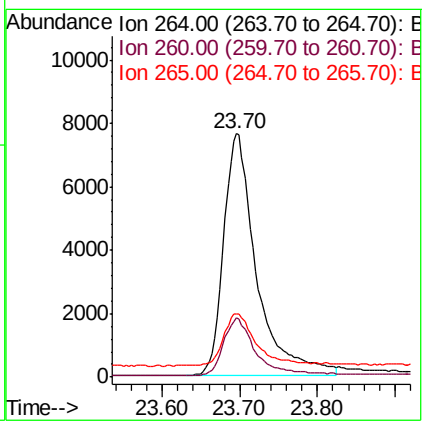


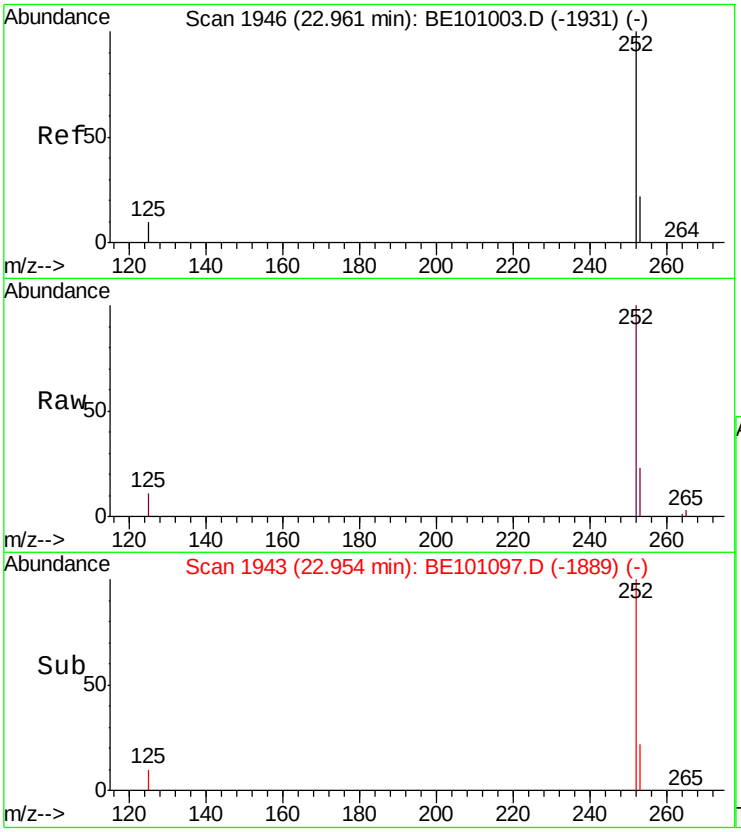


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:264 Resp: 22400

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.3	30.5
265	25.7	27.0	40.4#



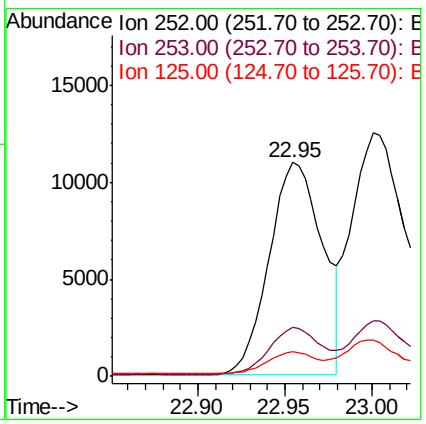


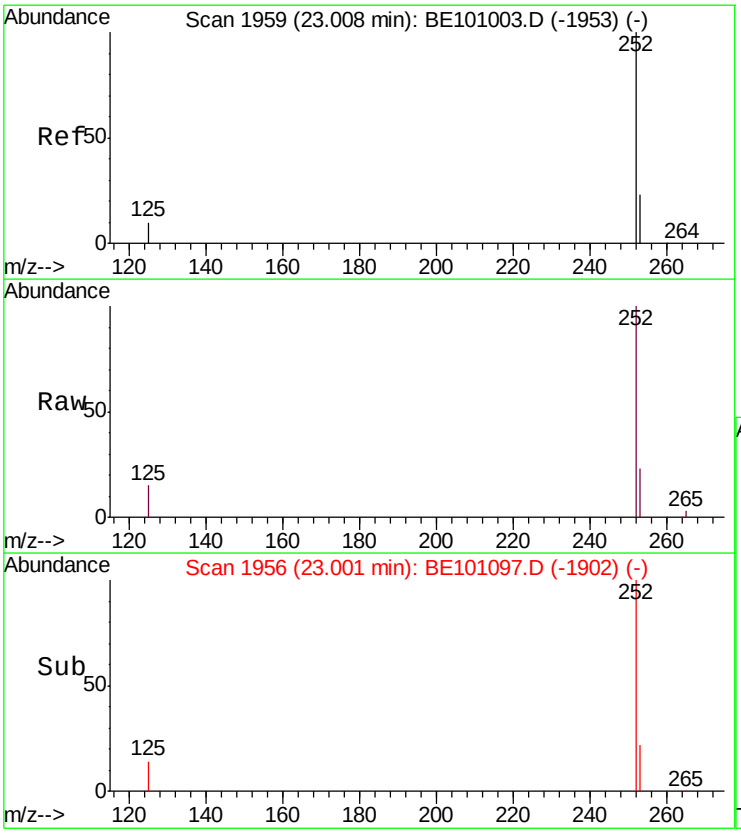
#35
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:252 Resp: 23247

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	11.4	9.5	14.3

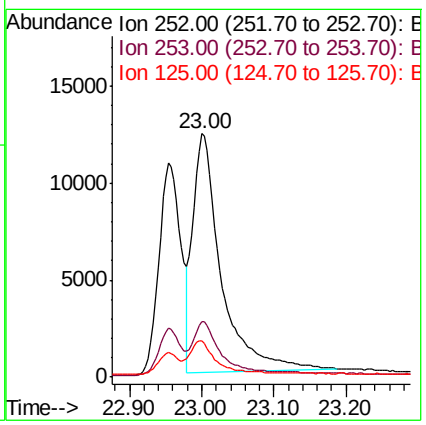


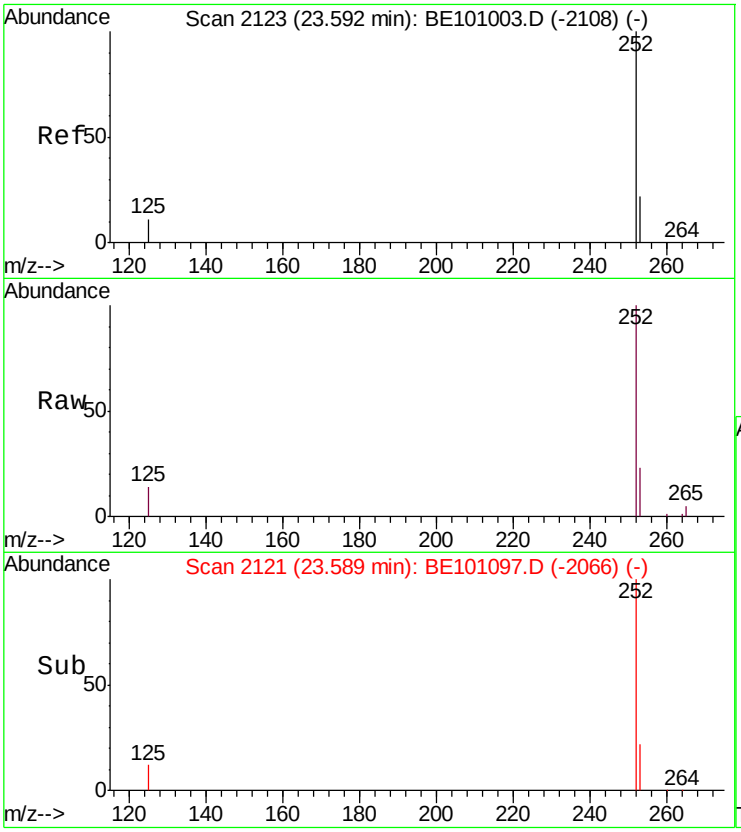


#36
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:252 Resp: 33819

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	14.7	10.1	15.1



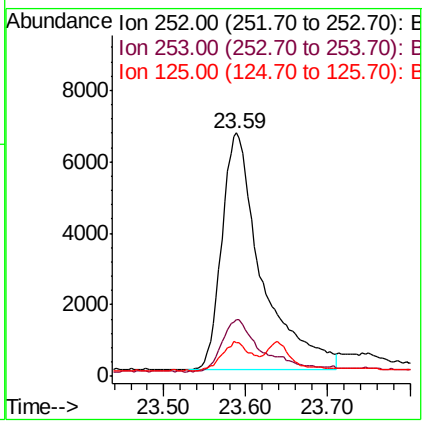


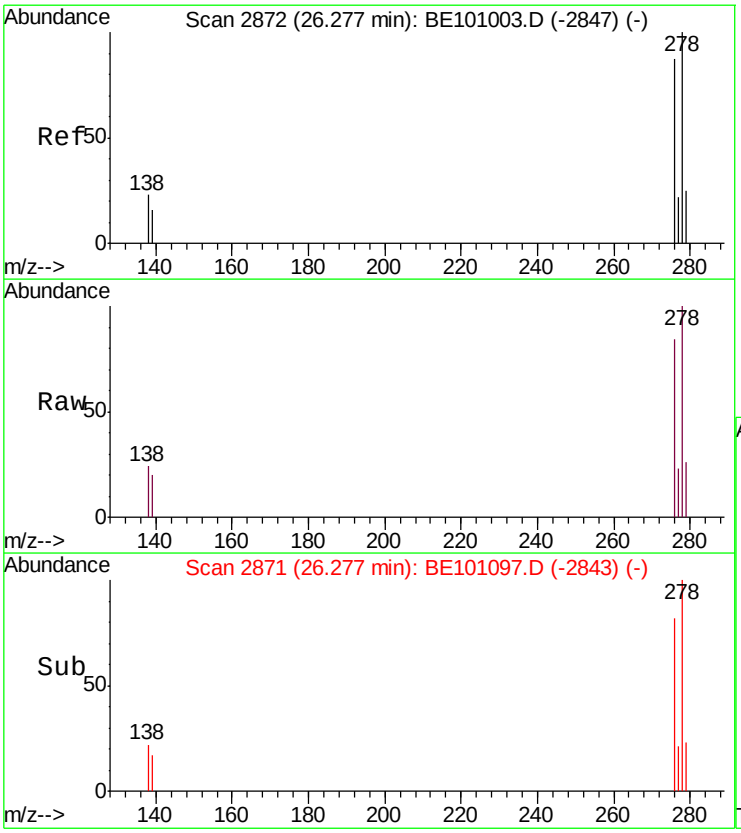
#37
Benzo(a)pyrene
Concen: 0.369 ng
RT: 23.59 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:252 Resp: 22408

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.4	29.2
125	14.1	11.8	17.6

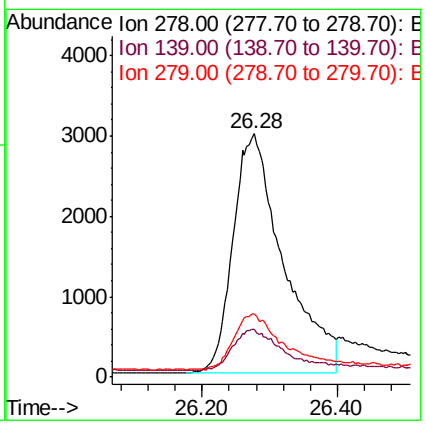


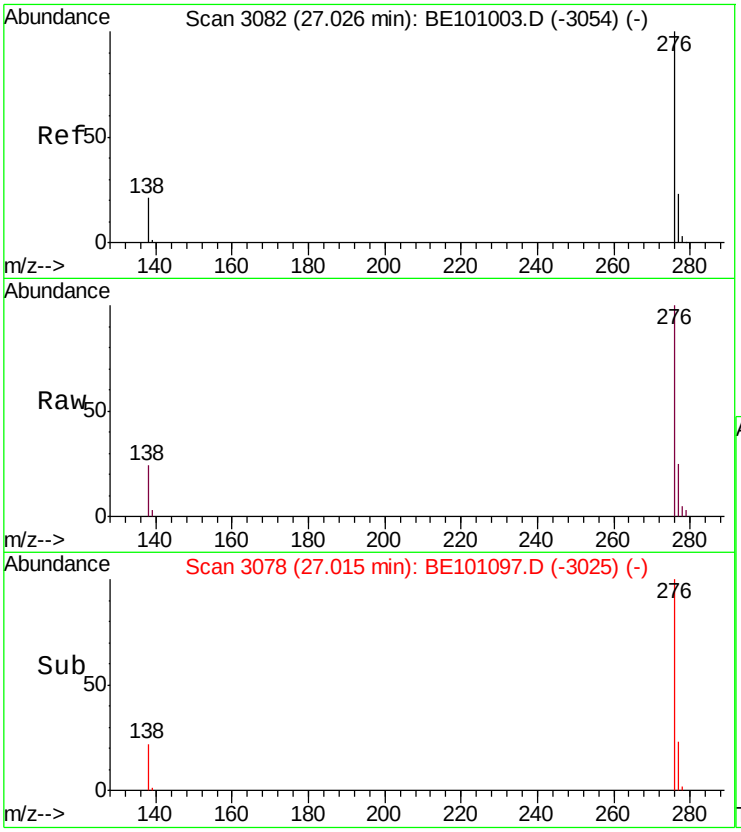


#38
Dibenzo(a,h)anthracene
Concen: 0.276 ng
RT: 26.28 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Tgt Ion:278 Resp: 15441

Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.0	22.4
279	25.9	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.281 ng
RT: 27.02 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BE101097.D
Acq: 20 Jan 2020 11:33

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:276 Resp: 19297

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.2
138	23.6	17.9	26.9