Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097912.D
Acq On : 16 Oct 2018 15:42
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE101618

Quant Time: Oct 16 17:37:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1904	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	8662	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	5782	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	16275	0.40	ng		0.00
27) Chrysene-d12	21.49	240	18028	0.40	ng		0.00
34) Perylene-d12	24.04	264	16426	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	2309	0.38	ng		0.00
5) Phenol-d6	7.06	99	3457	0.39	ng		0.00
8) Nitrobenzene-d5	9.04	82	3296	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	5713	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.04	330	1116	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.17	172	8950	0.38	ng		0.00
25) Fluoranthene-d10	19.33	212	83723	0.38	ng		0.00
29) Terphenyl-d14	19.92	244	16380	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1276	0.384	ng		98
3) n-Nitrosodimethylamine	3.70	42	1409	0.380	ng	#	98
6) bis(2-Chloroethyl)ether	7.30	93	2877	0.382	ng		97
9) Naphthalene	10.73	128	33983	0.394	ng		100
10) Hexachlorobutadiene	11.03	225	1802	0.388	ng		97
12) 2-Methylnaphthalene	12.37	142	5886	0.398	ng		98
16) Acenaphthylene	14.27	152	10149	0.380	ng		99
17) Acenaphthene	14.62	154	6319	0.387	ng		100
18) Fluorene	15.59	166	8780	0.391	ng		99
20) 4-Bromophenyl-phenylether	16.49	248	3344	0.376	ng		95
21) Hexachlorobenzene	16.60	284	3350	0.383	ng		100
22) Pentachlorophenol	16.96	266	755	0.364	ng		94
23) Phenanthrene	17.34	178	15893	0.384	ng		100
24) Anthracene	17.43	178	14728	0.377	ng		99
26) Fluoranthene	19.36	202	20535	0.378	ng		98
28) Pyrene	19.72	202	21721	0.418	ng		100
30) Benzo(a)anthracene	21.46	228	21489	0.389	ng		98
31) Chrysene	21.52	228	19662	0.375	ng		100
32) Bis(2-ethylhexyl)phthalate	21.39	149	44396	0.324	ng		99
33) Indeno(1,2,3-cd)pyrene	26.74	276	20731	0.342	ng		98
35) Benzo(b)fluoranthene	23.25	252	17552	0.371	ng		97
36) Benzo(k)fluoranthene	23.30	252	18522	0.376	ng		97
37) Benzo(a)pyrene	23.92	252	17640	0.383	ng		97
38) Dibenzo(a,h)anthracene	26.77	278	17345	0.384	ng		98
39) Benzo(g,h,i)perylene	27.57	276	17532	0.379	ng		97

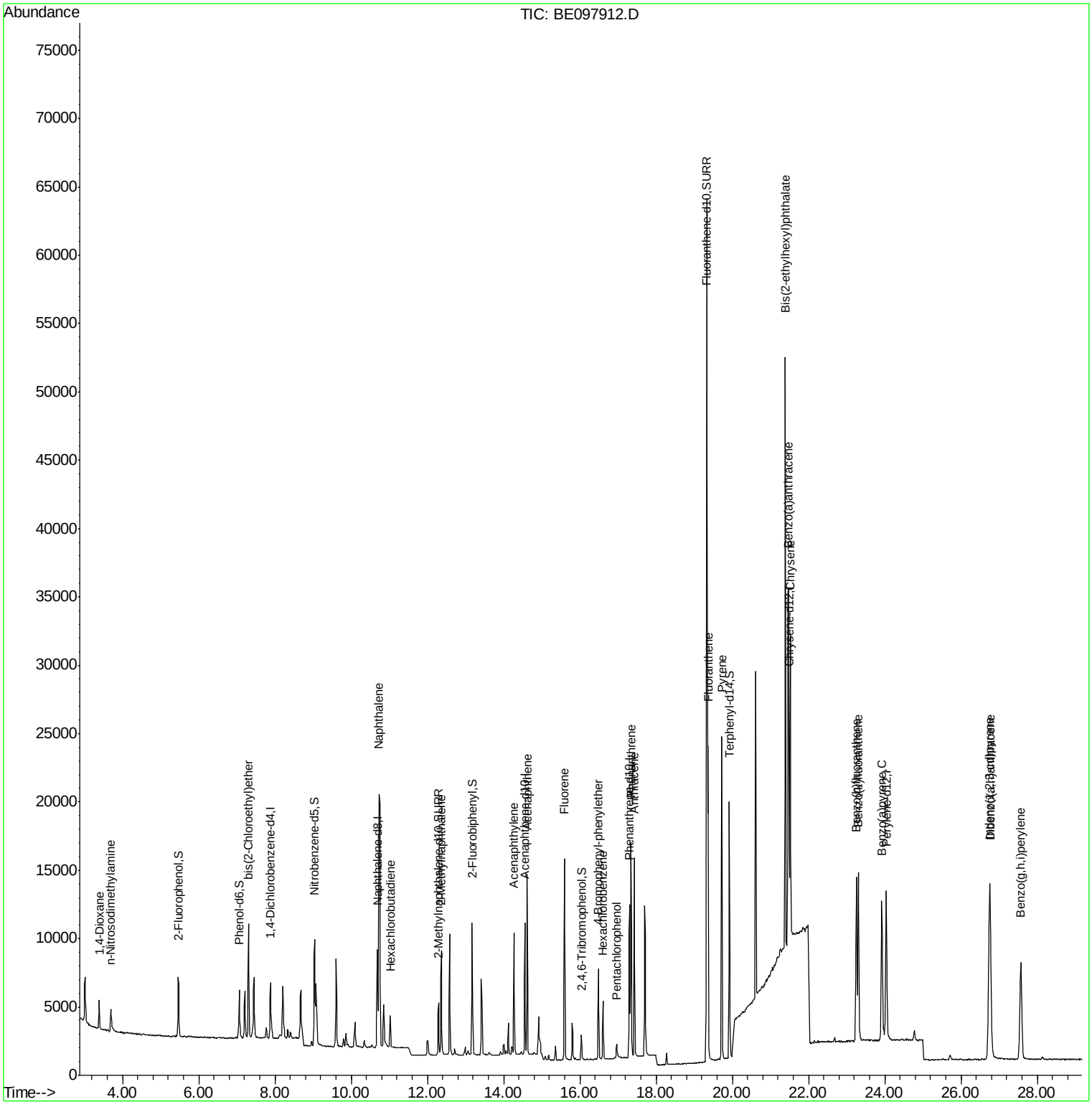
(#) = qualifier out of range (m) = manual integration (+) = signals summed

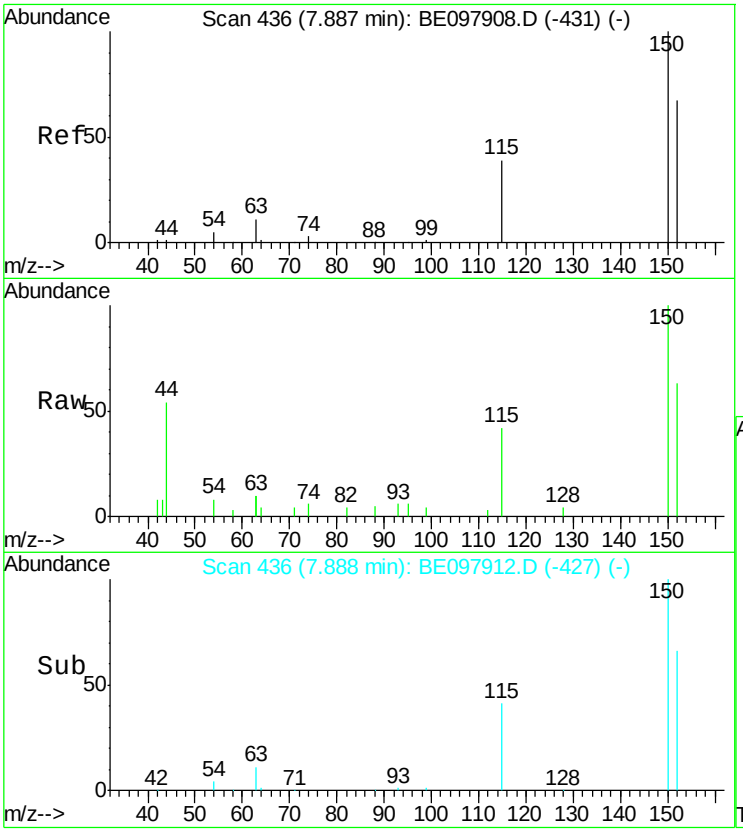
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097912.D
Acq On : 16 Oct 2018 15:42
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Quant Time: Oct 16 17:37:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration



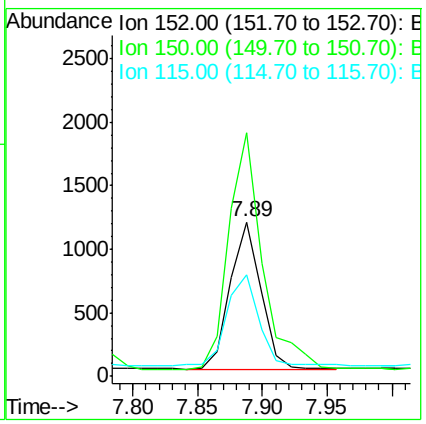


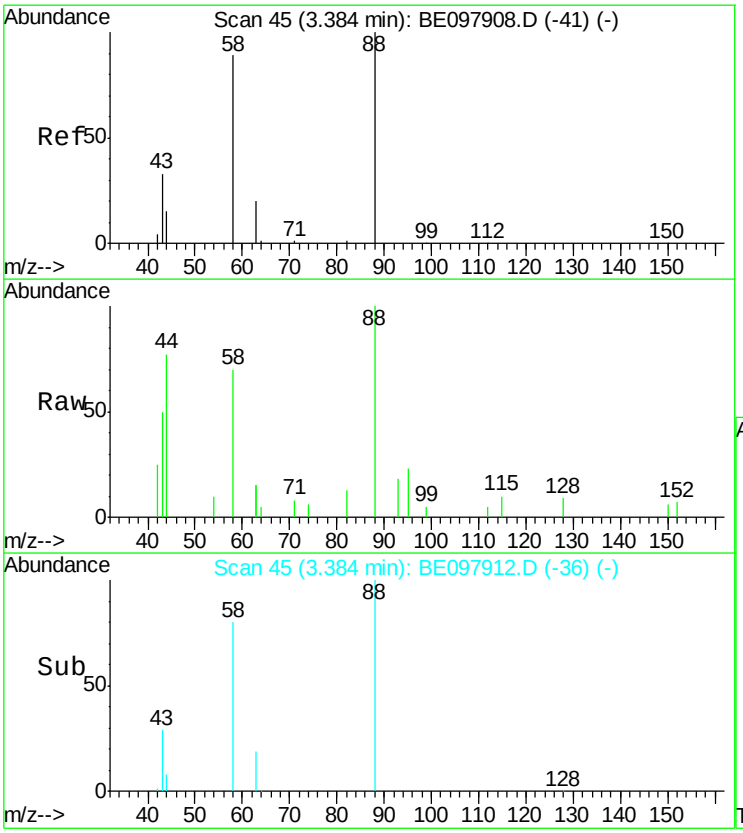
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:152 Resp: 1904

Ion	Ratio	Lower	Upper
152	100		
150	157.9	118.2	177.4
115	65.7	50.9	76.3

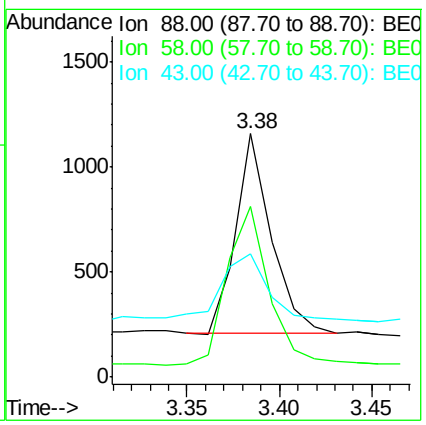


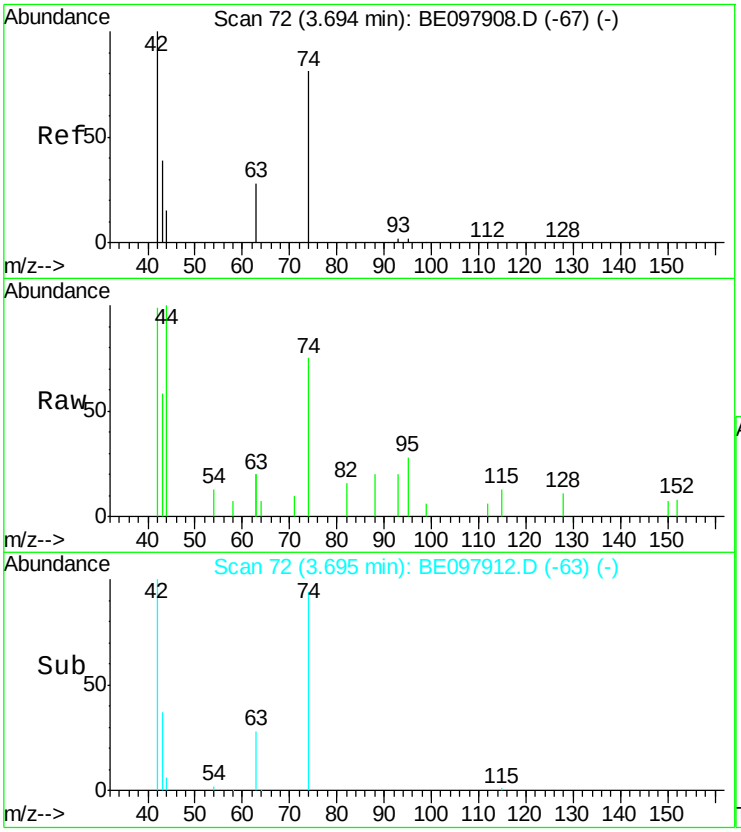


#2
1,4-Dioxane
Concen: 0.384 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion: 88 Resp: 1276

Ion	Ratio	Lower	Upper
88	100		
58	93.3	73.2	109.8
43	44.0	36.9	55.3



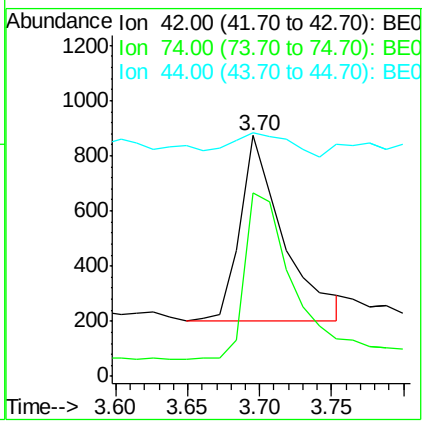


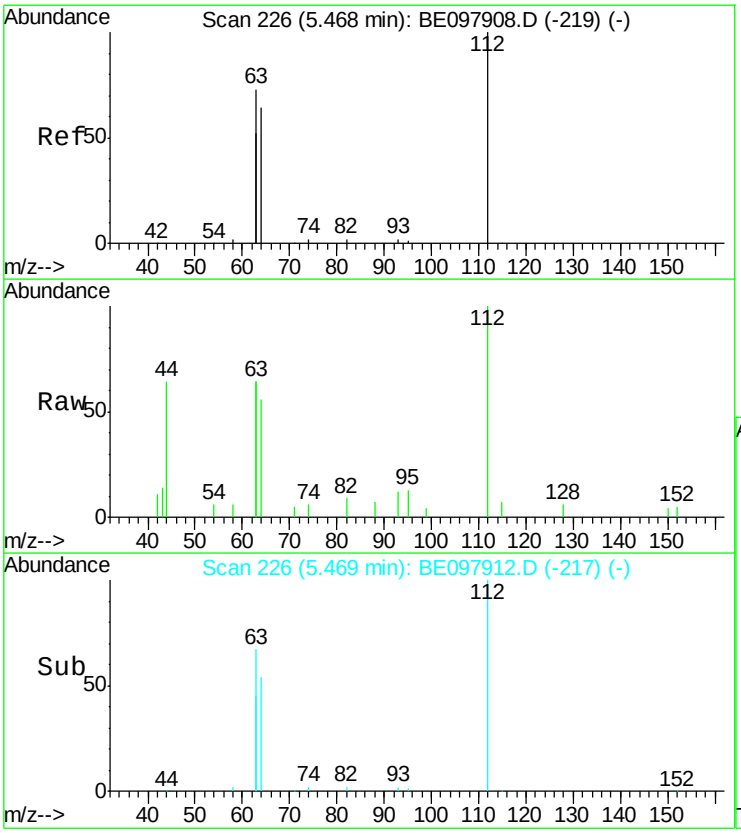
#3
n-Nitrosodimethylamine
Concen: 0.380 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion: 42 Resp: 1409

Ion	Ratio	Lower	Upper
42	100		
74	96.5	77.6	116.4
44	16.6	7.6	11.4#

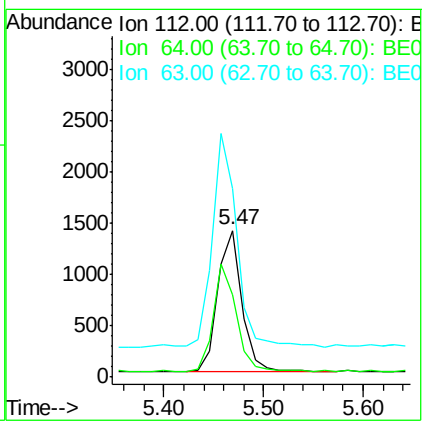


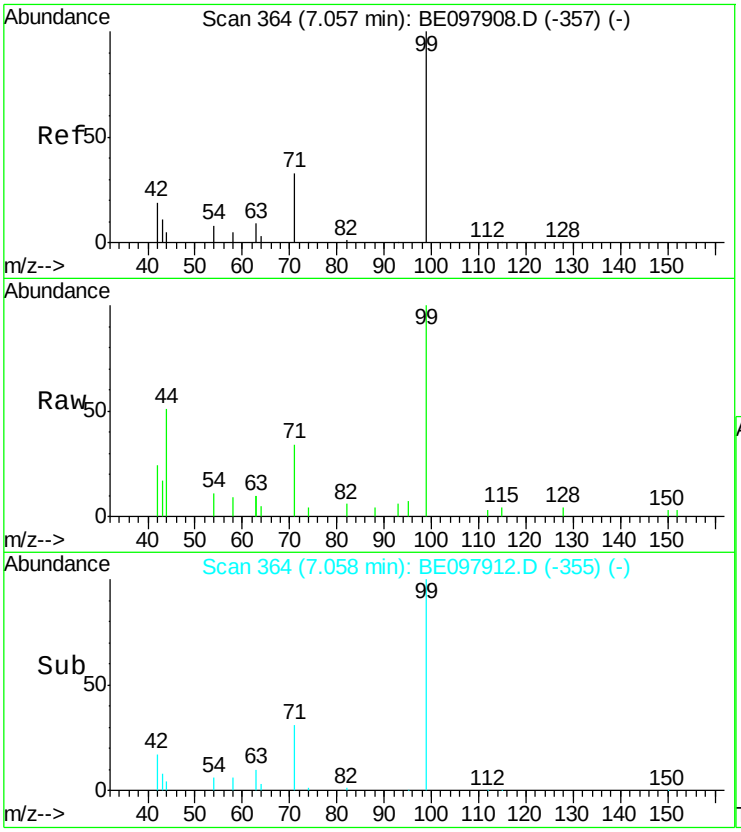


#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:112 Resp: 2309

Ion	Ratio	Lower	Upper
112	100		
64	74.1	58.9	88.3
63	154.3	120.3	180.5



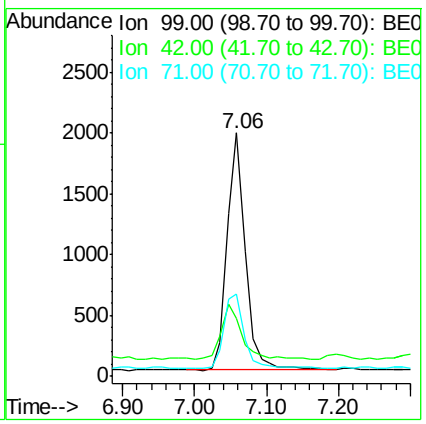


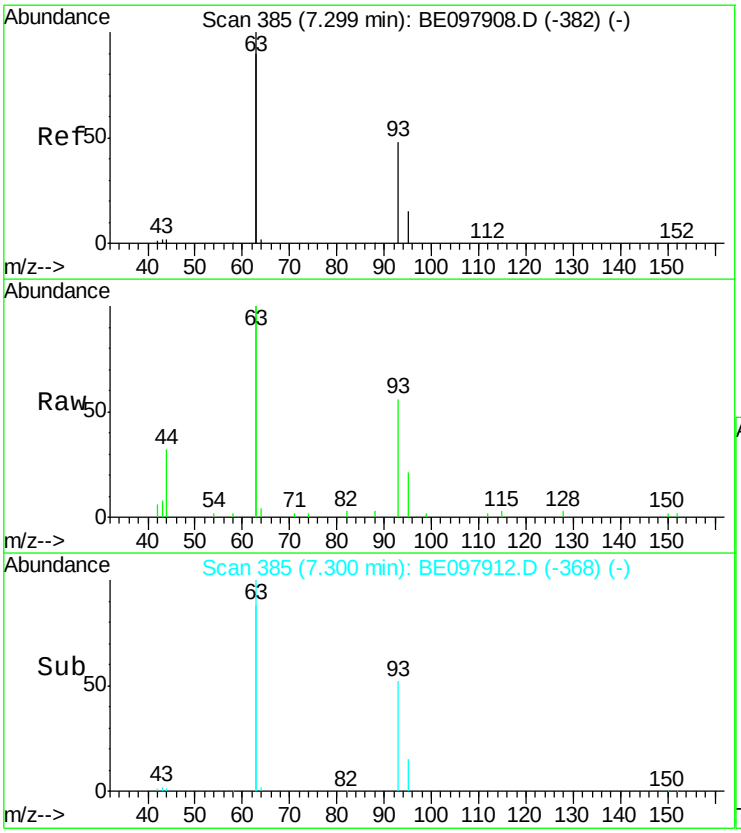
#5
Phenol-d6
Concen: 0.390 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion: 99 Resp: 3457

Ion	Ratio	Lower	Upper
99	100		
42	27.0	19.9	29.9
71	34.7	27.8	41.8

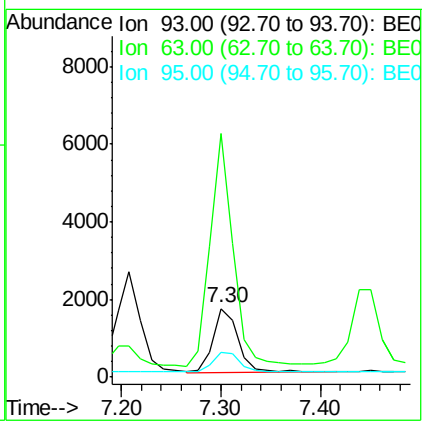


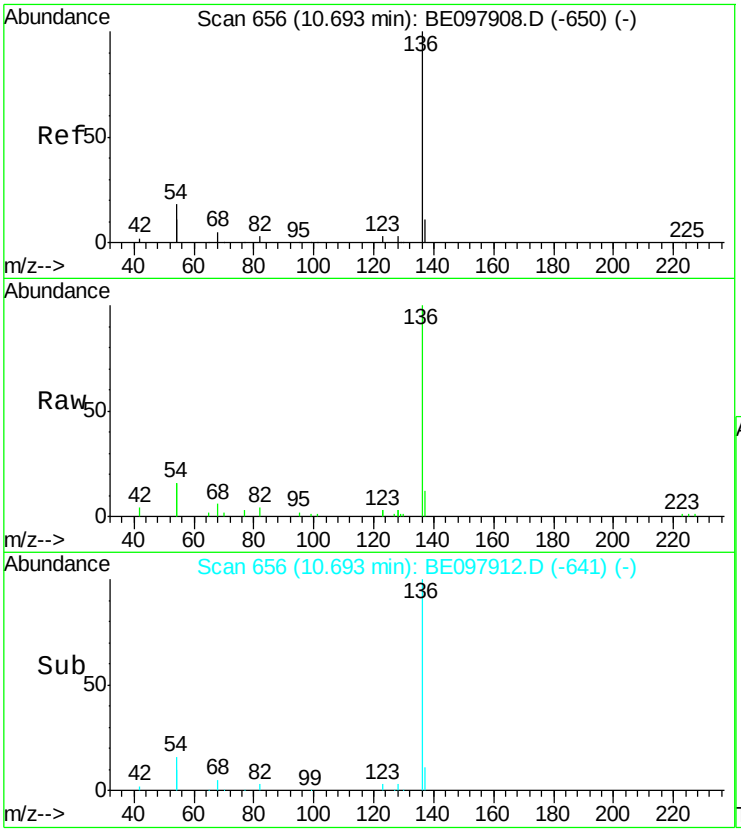


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion: 93 Resp: 2877

Ion	Ratio	Lower	Upper
93	100		
63	329.9	259.0	388.4
95	32.8	27.8	41.8



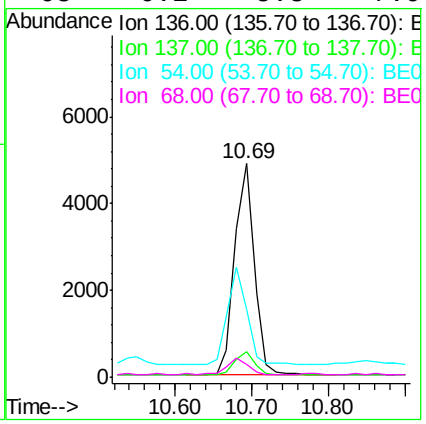


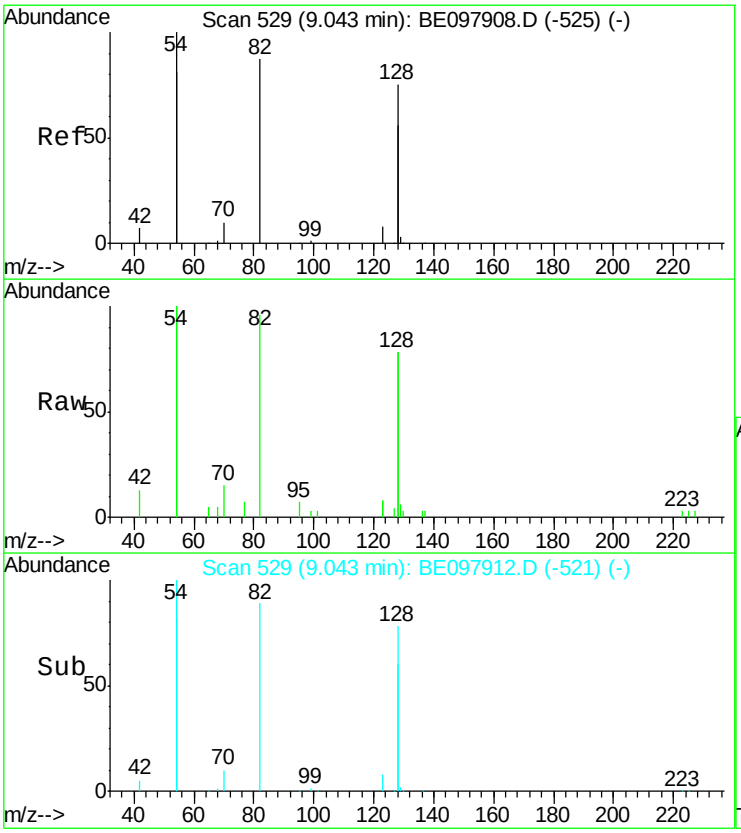
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:136 Resp: 8662

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	31.5	27.7	41.5
68	6.2	5.3	7.9

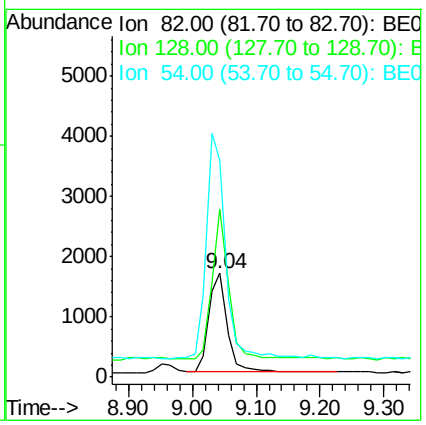


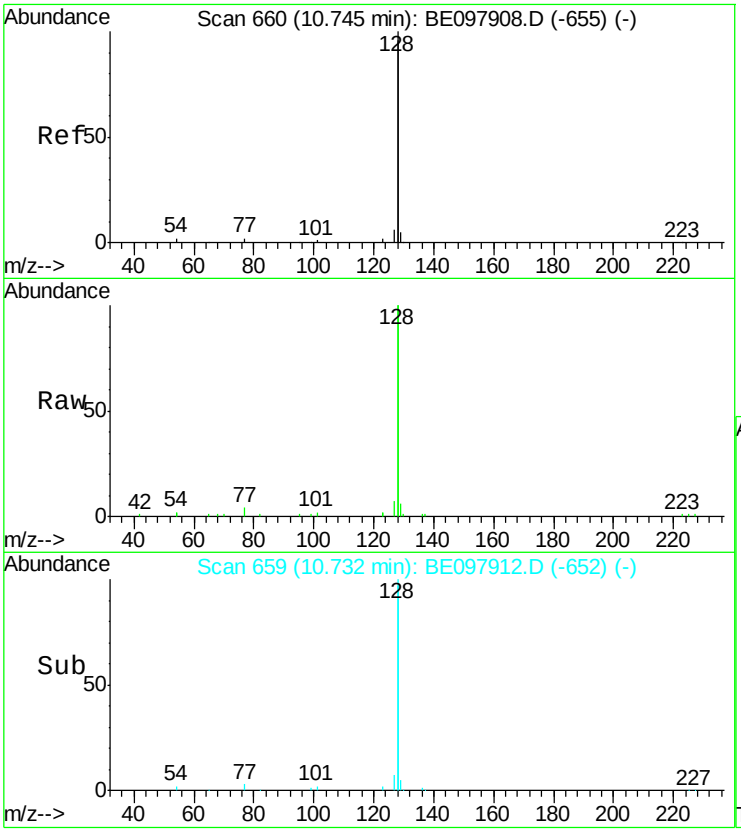


#8
Nitrobenzene-d5
Concen: 0.402 ng
RT: 9.04 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion: 82 Resp: 3296

Ion	Ratio	Lower	Upper
82	100		
128	162.1	129.9	194.9
54	208.8	174.0	261.0



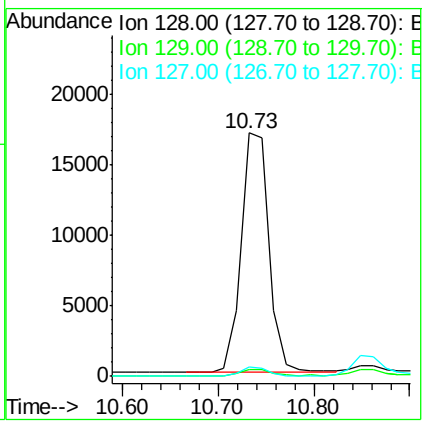


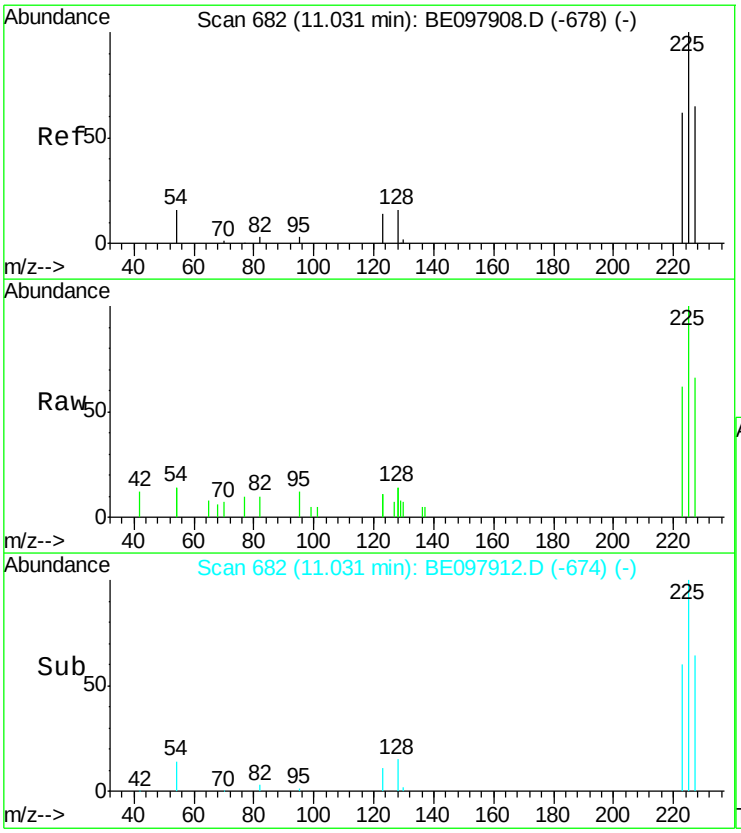
#9
Naphthalene
Concen: 0.394 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:128 Resp: 33983

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.6	2.8	4.2

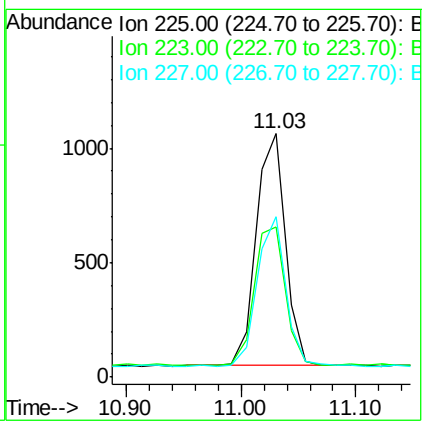


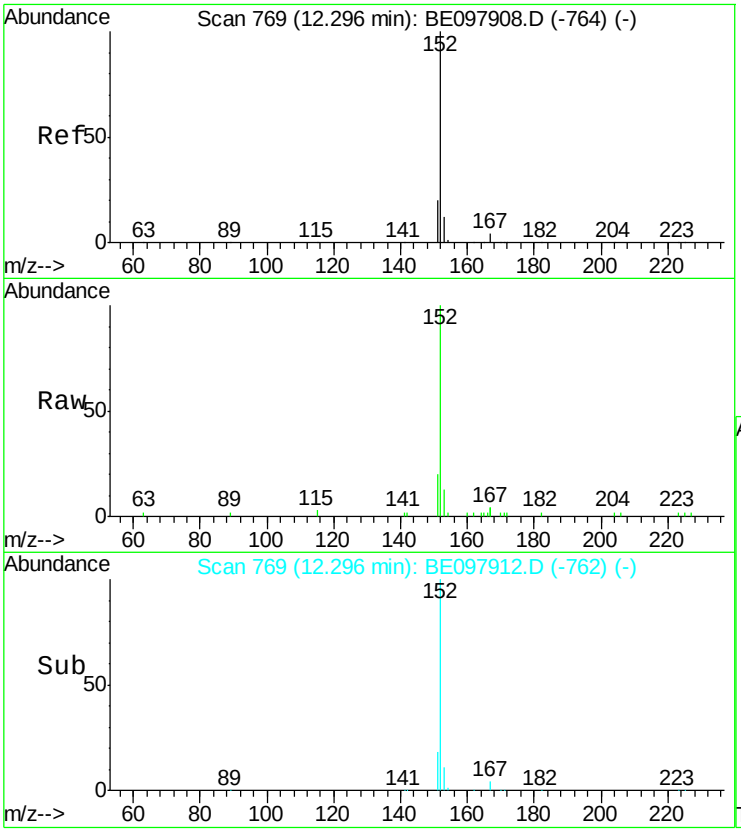


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:225 Resp: 1802

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.8	77.8
227	62.8	53.0	79.6



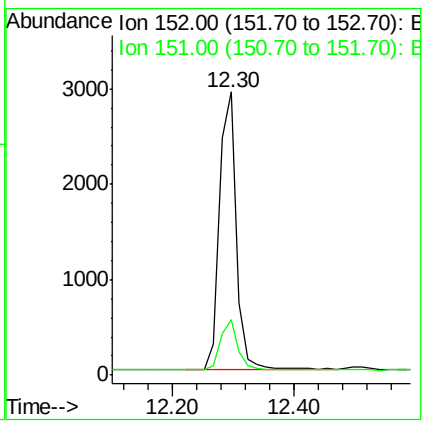


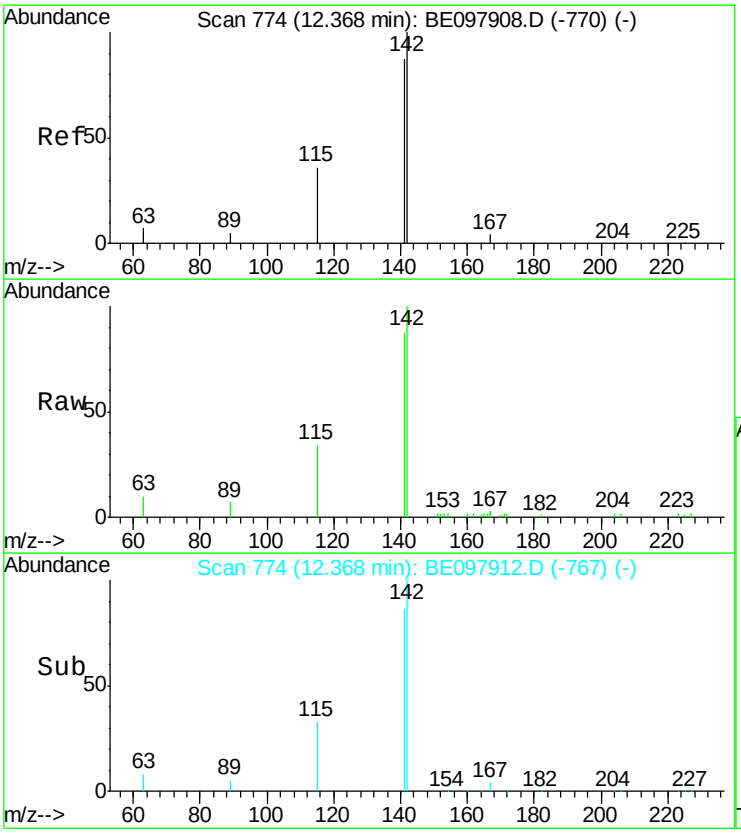
#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:152 Resp: 5713

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.4

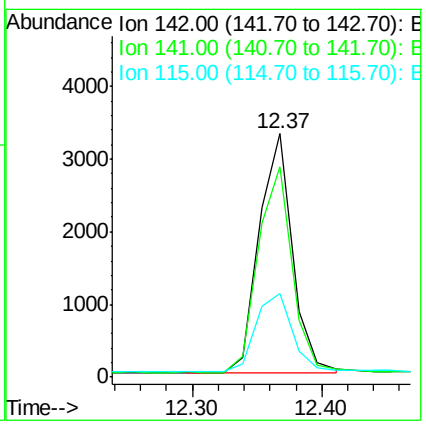


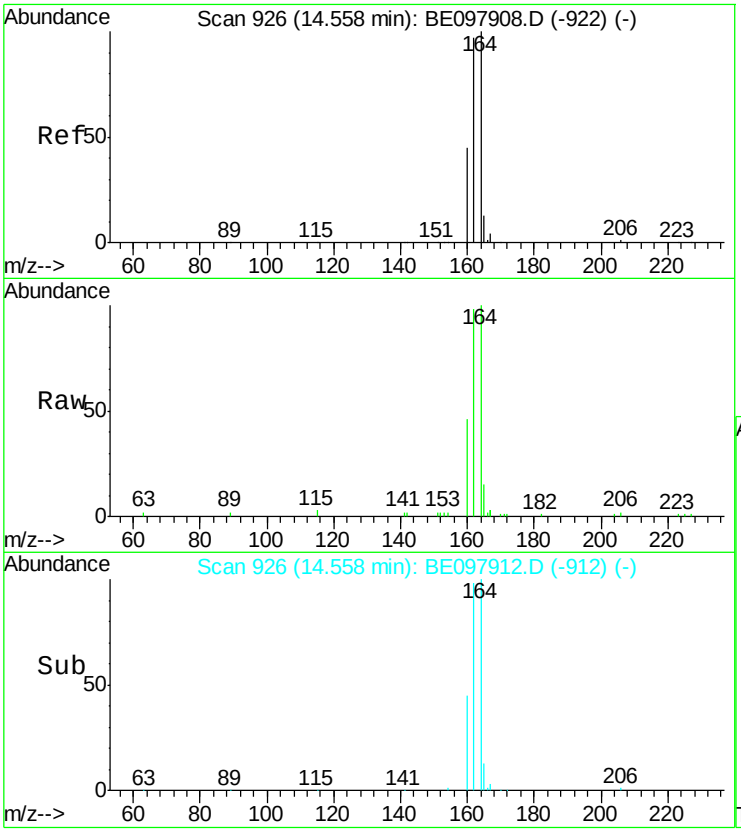


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:142 Resp: 5886

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.8	104.6
115	34.5	30.5	45.7



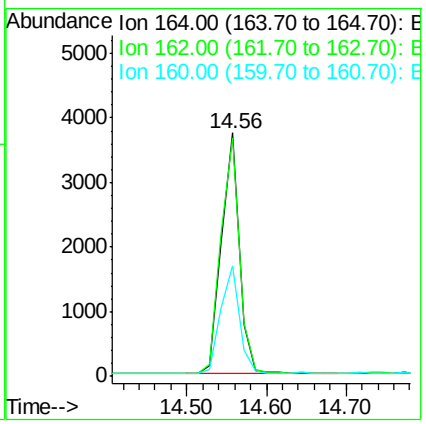


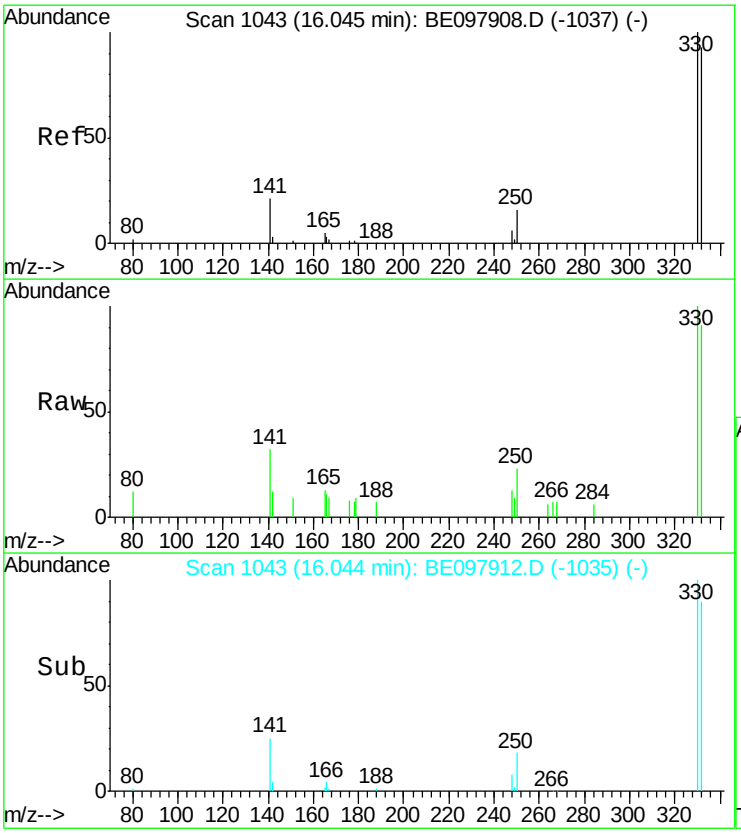
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:164 Resp: 5782

Ion	Ratio	Lower	Upper
164	100		
162	97.7	77.4	116.2
160	45.6	36.5	54.7

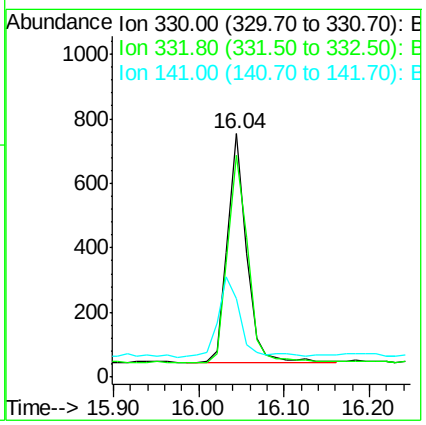


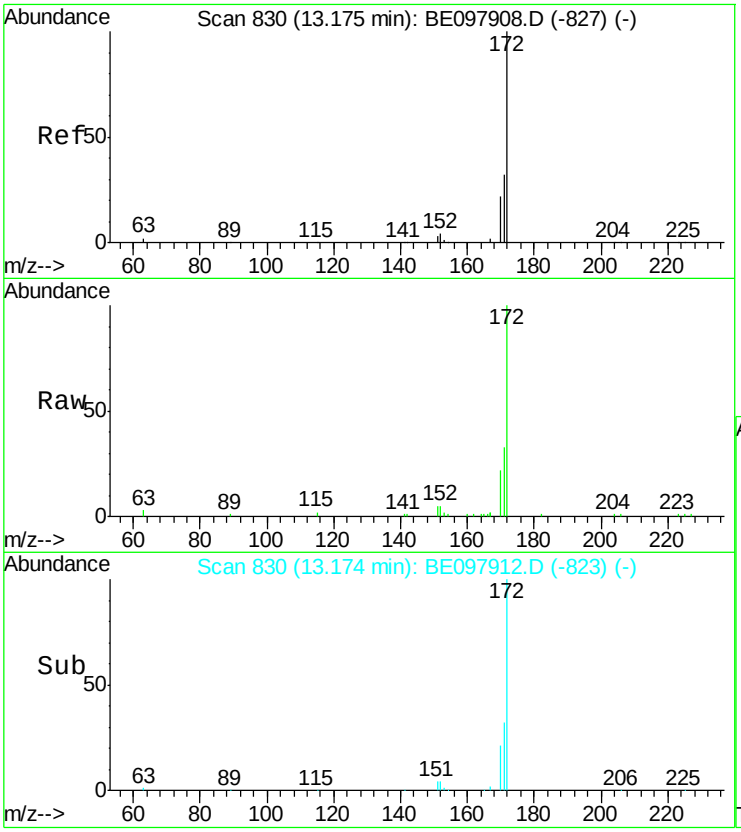


#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:330 Resp: 1116

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.5	114.7
141	40.9	31.8	47.6



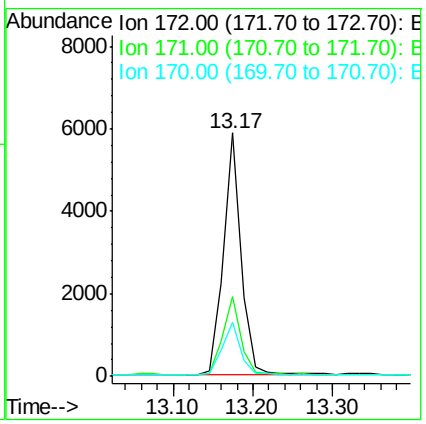


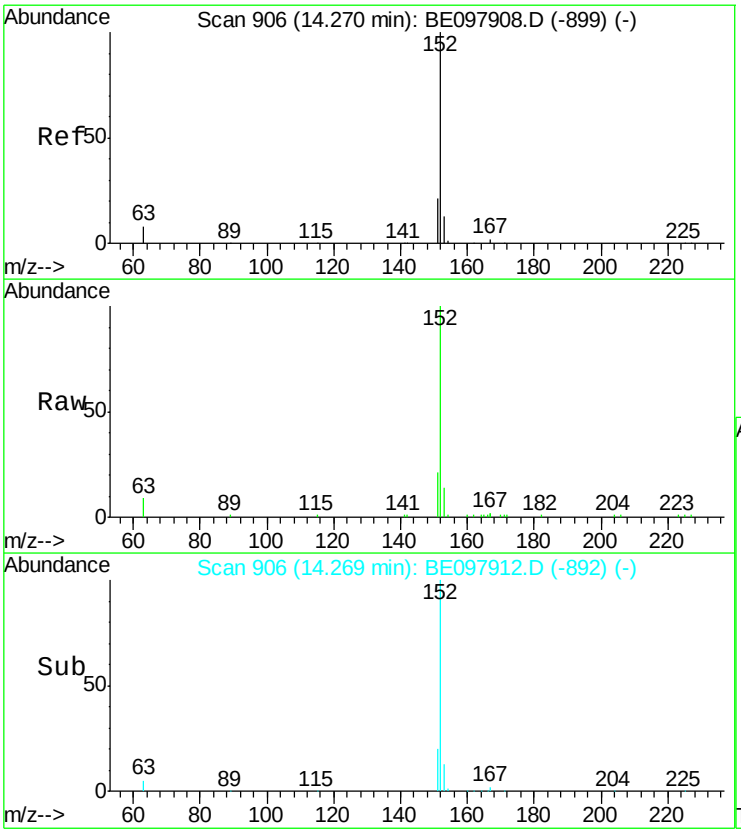
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:172 Resp: 8950

Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.0	39.0
170	22.2	18.0	27.0

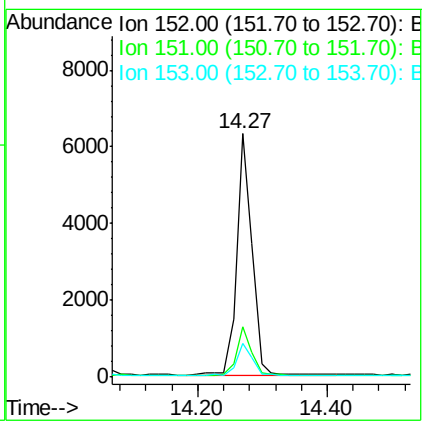


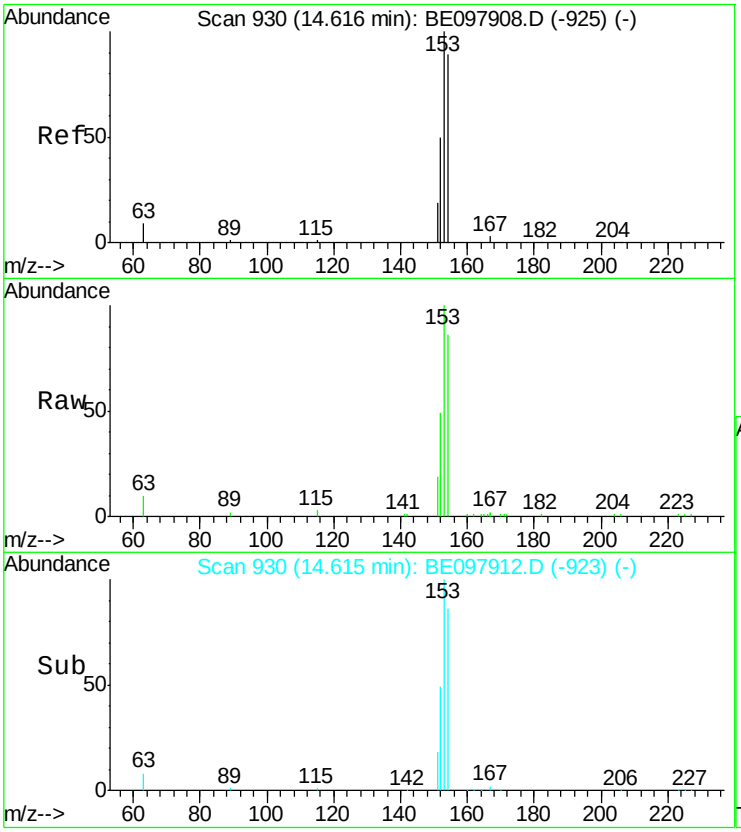


#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:152 Resp: 10149

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.2	10.9	16.3



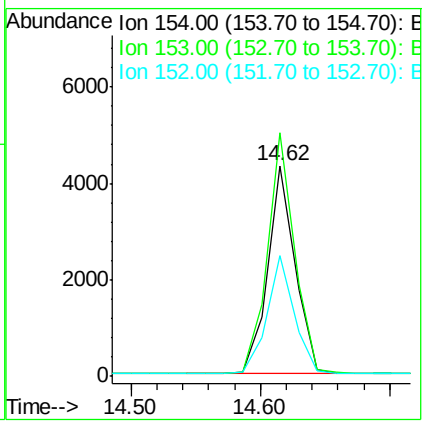


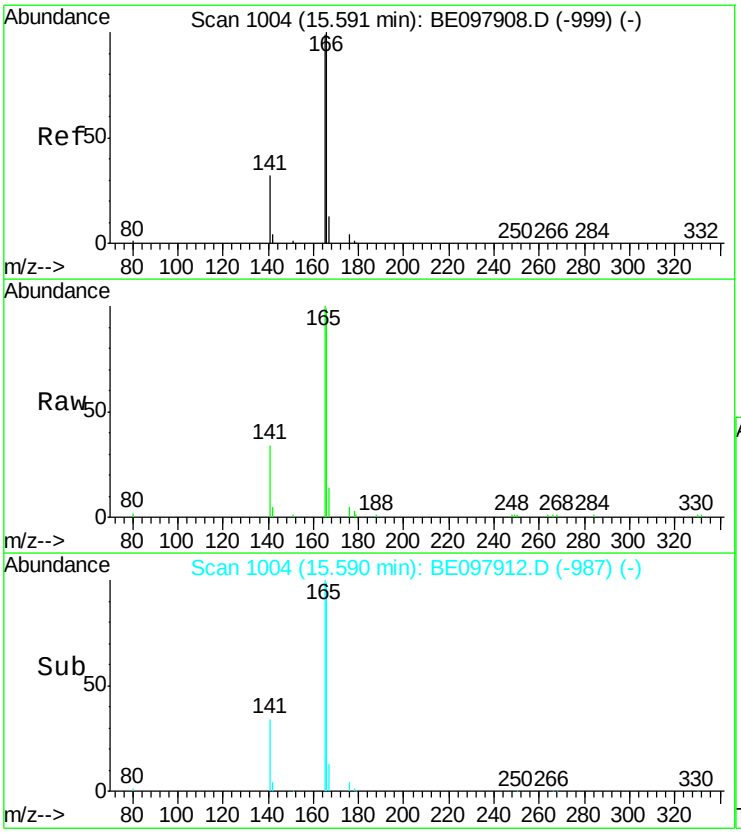
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:154 Resp: 6319

Ion	Ratio	Lower	Upper
154	100		
153	115.7	92.6	139.0
152	56.8	45.5	68.3

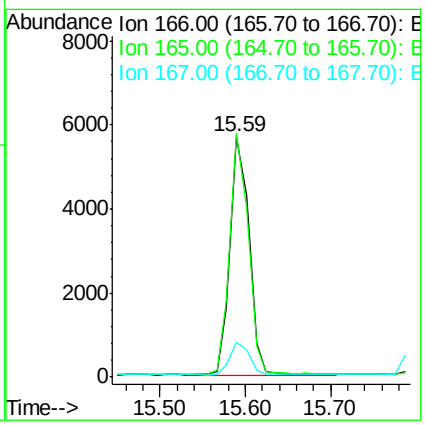


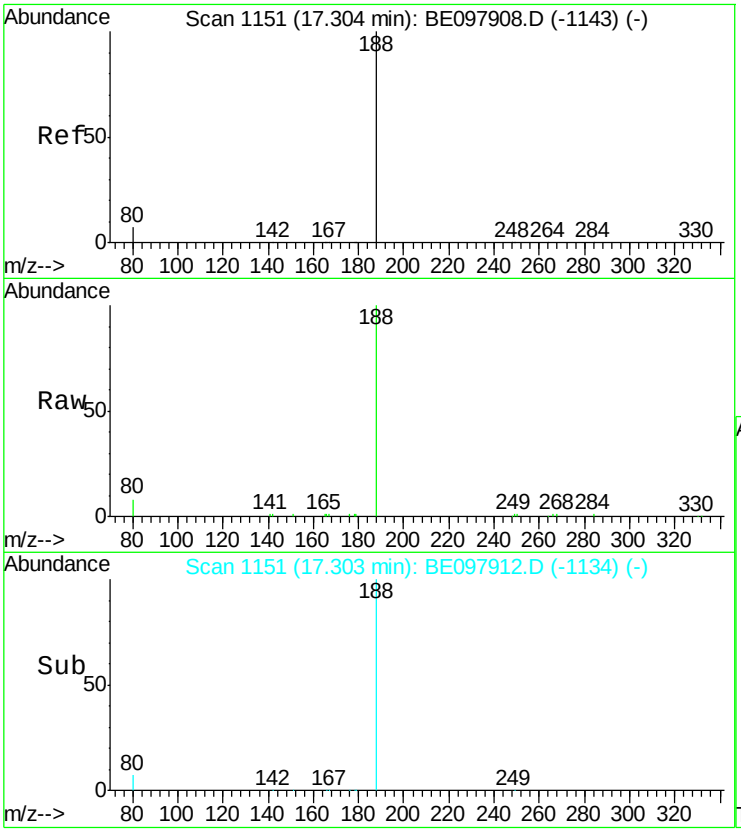


#18
Fluorene
Concen: 0.391 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:166 Resp: 8780

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.4
167	14.1	11.0	16.6



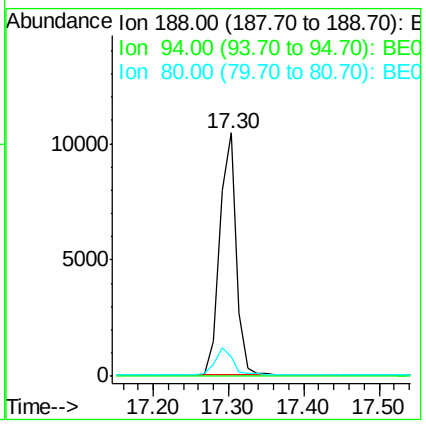


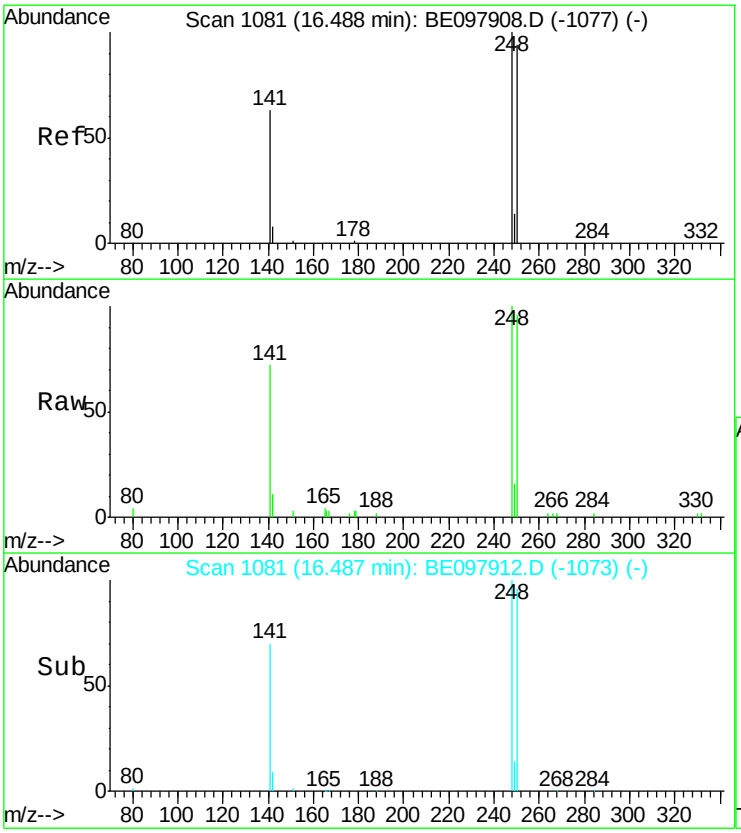
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:188 Resp: 16275

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.3	9.5

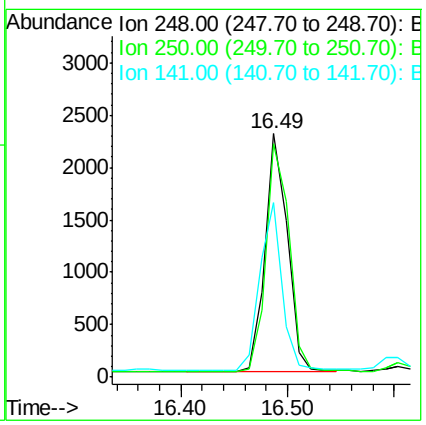


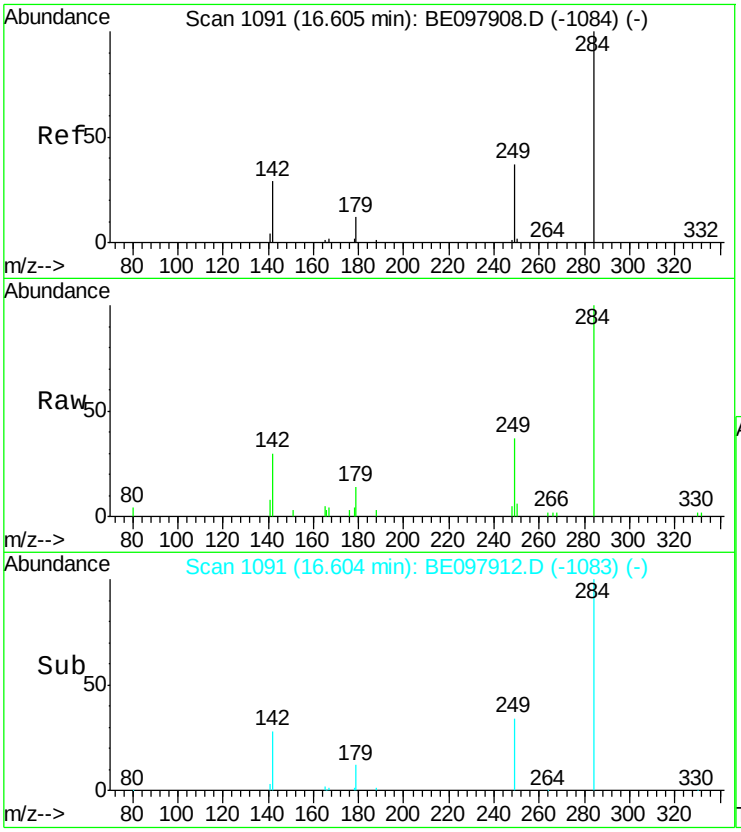


#20
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:248 Resp: 3344

Ion	Ratio	Lower	Upper
248	100		
250	95.8	75.1	112.7
141	71.9	51.8	77.8



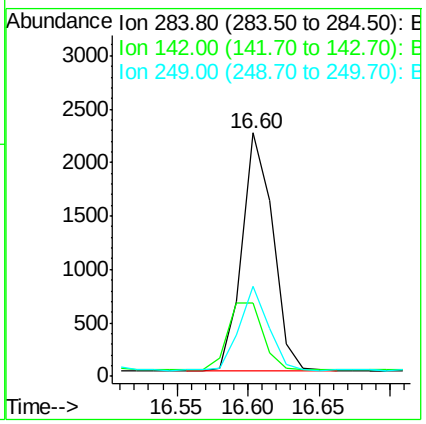


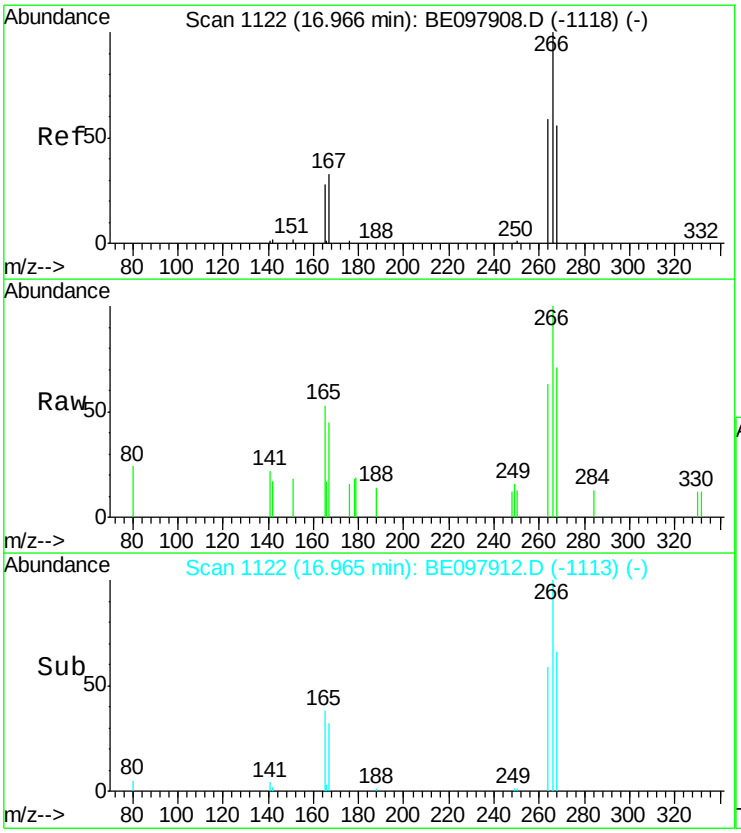
#21
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:284 Resp: 3350

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.9	38.9
249	33.8	26.6	40.0

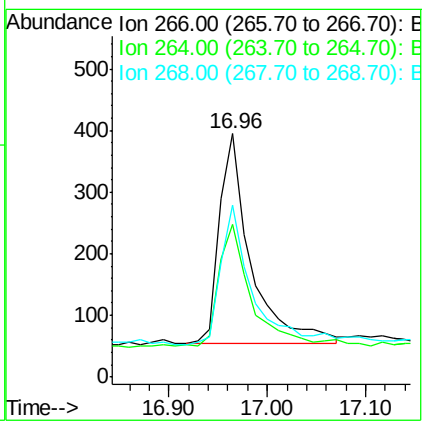


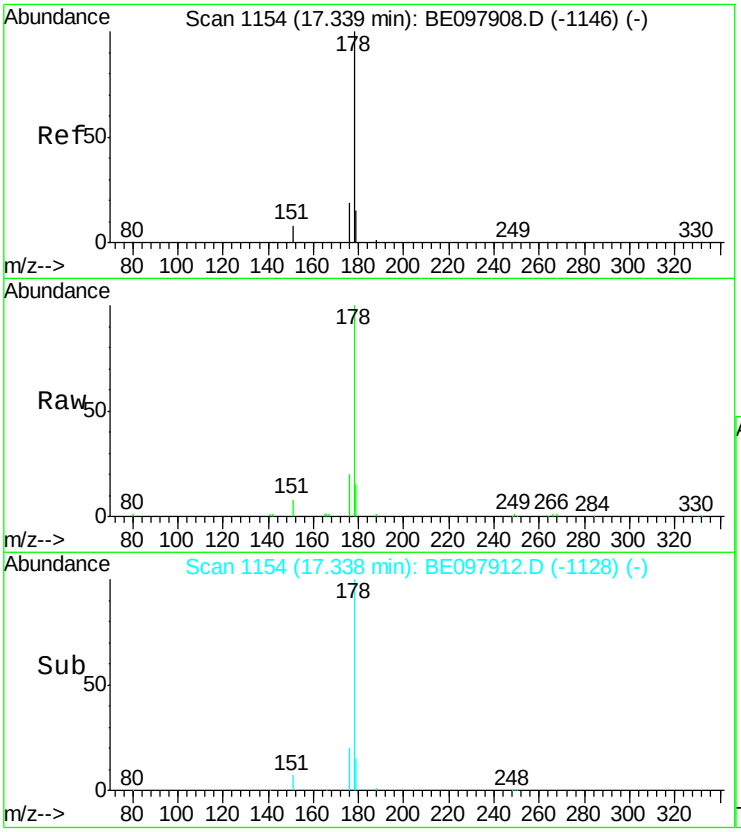


#22
Pentachlorophenol
Concen: 0.364 ng
RT: 16.96 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:266 Resp: 755

Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.3	76.9
268	70.6	50.1	75.1



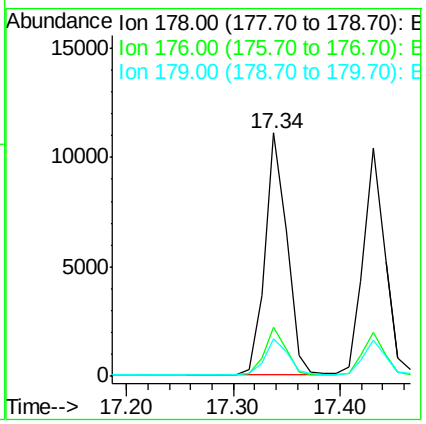


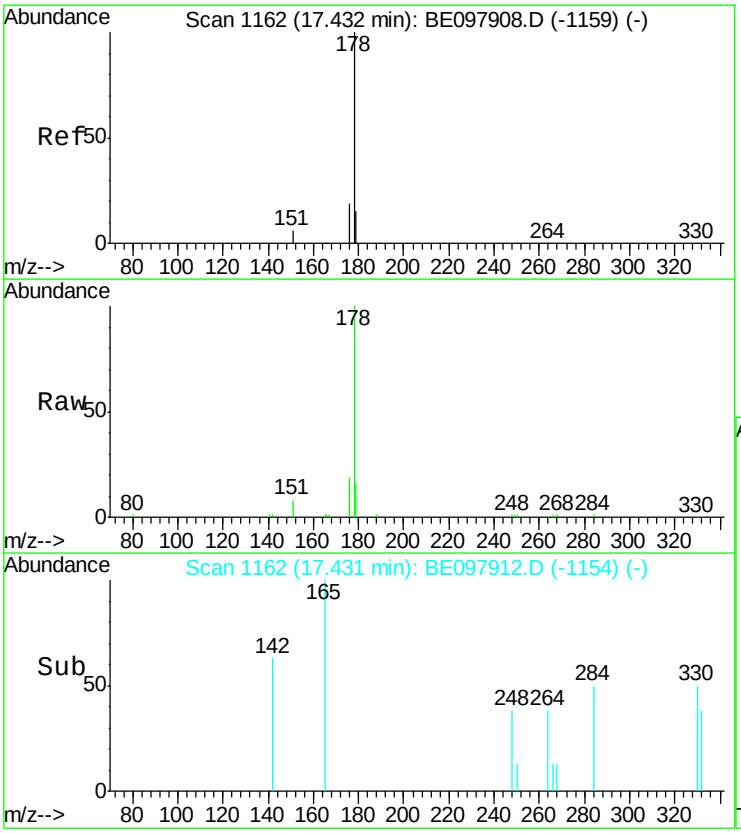
#23
Phenanthrene
Concen: 0.384 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:178 Resp: 15893

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.5	12.2	18.4

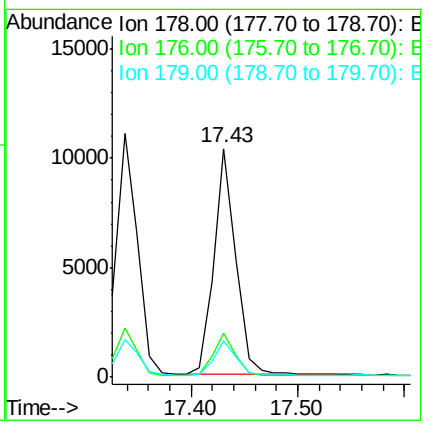


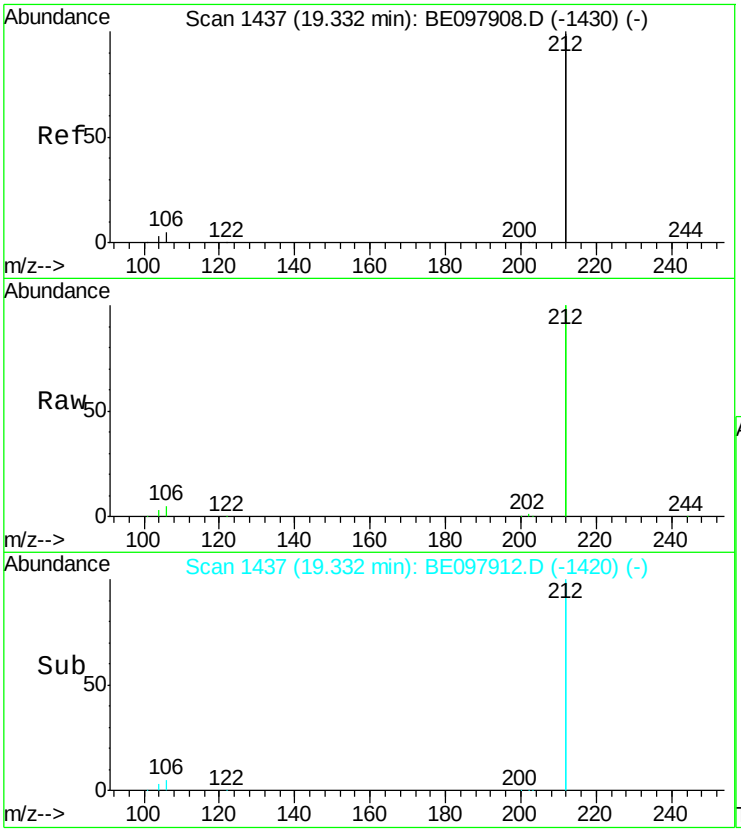


#24
Anthracene
Concen: 0.377 ng
RT: 17.43 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:178 Resp: 14728

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	11.9	17.9



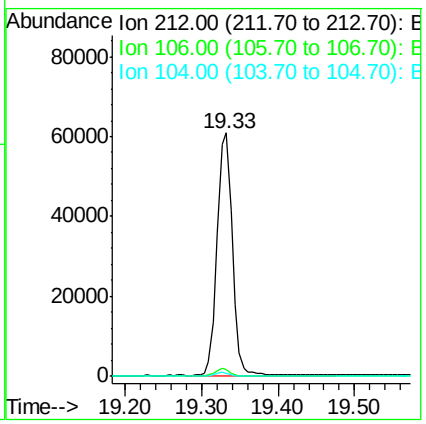


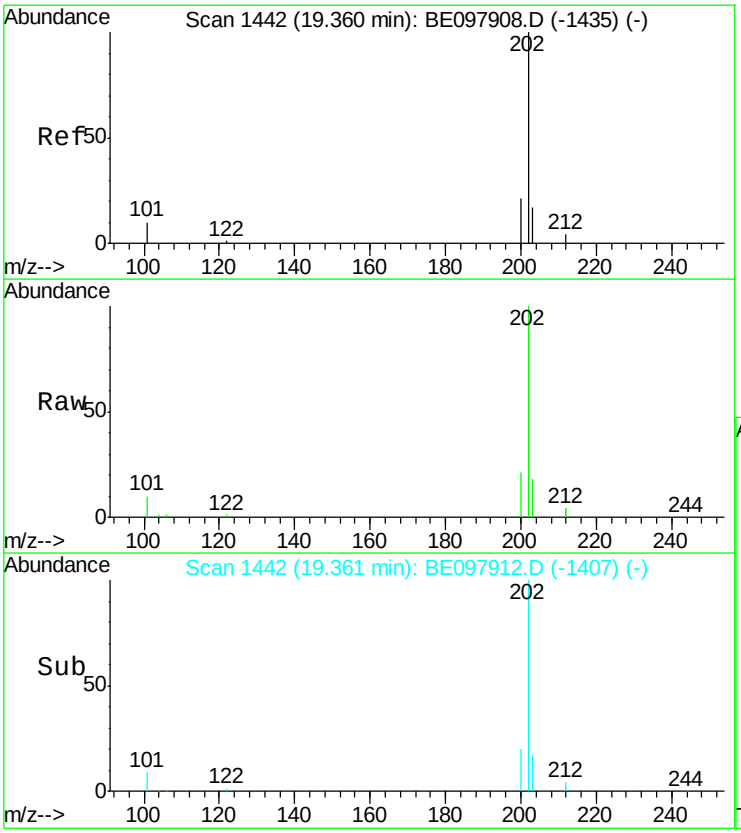
#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.33 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:212 Resp: 83723

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.5	1.3	1.9

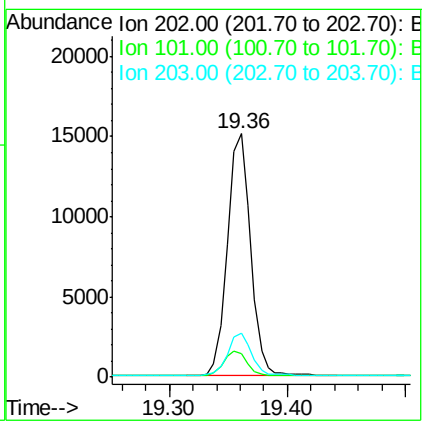


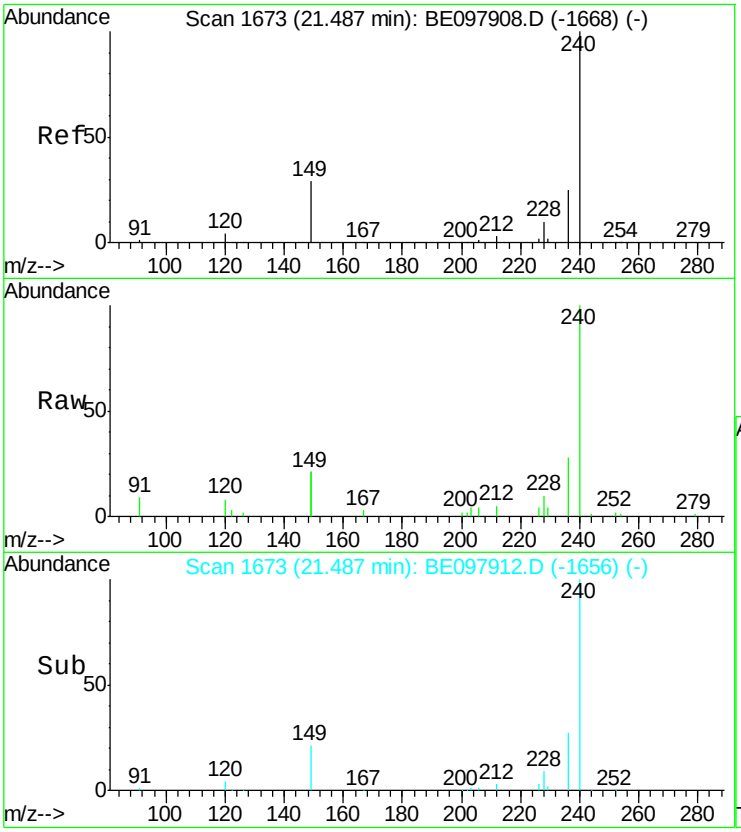


#26
Fluoranthene
Concen: 0.378 ng
RT: 19.36 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:202 Resp: 20535

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.2
203	17.1	15.0	22.4



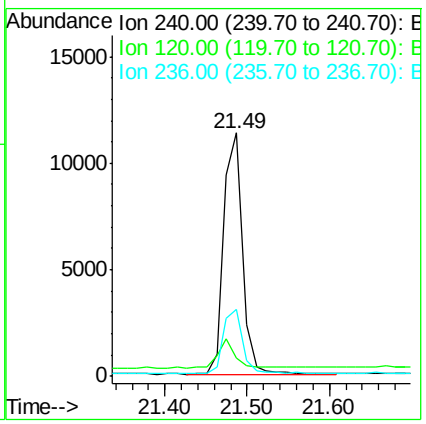


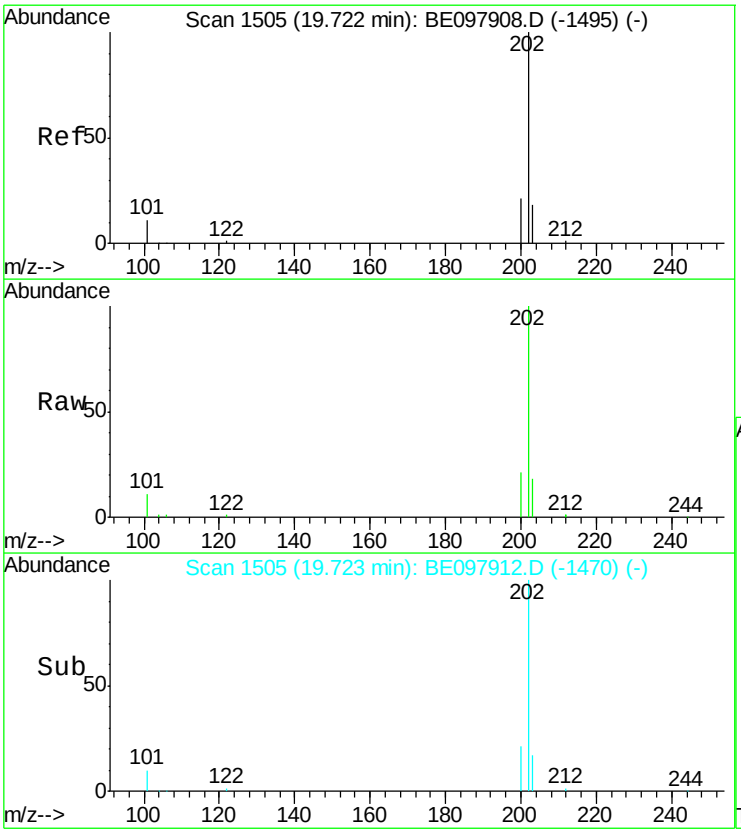
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:240 Resp: 18028

Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.1	10.7
236	27.6	21.3	31.9

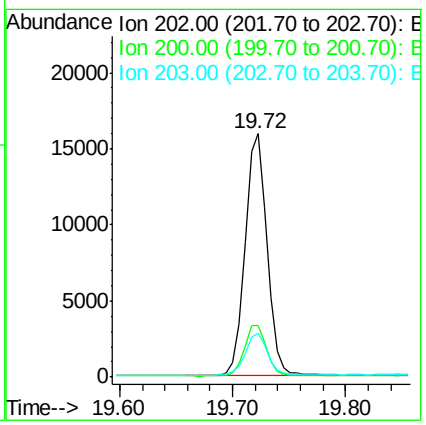


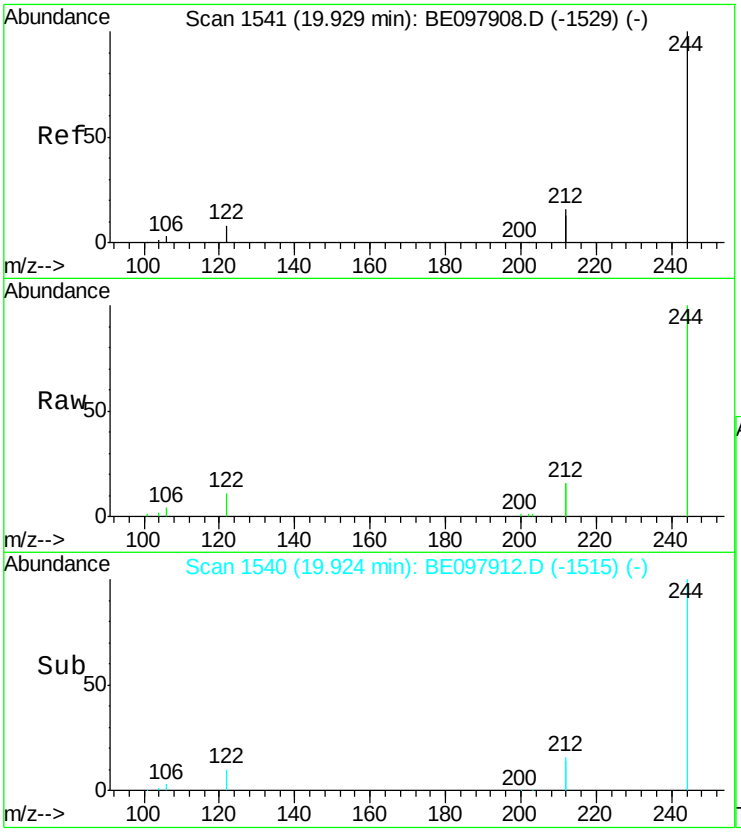


#28
Pyrene
Concen: 0.418 ng
RT: 19.72 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:202 Resp: 21721

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.6	14.2	21.4



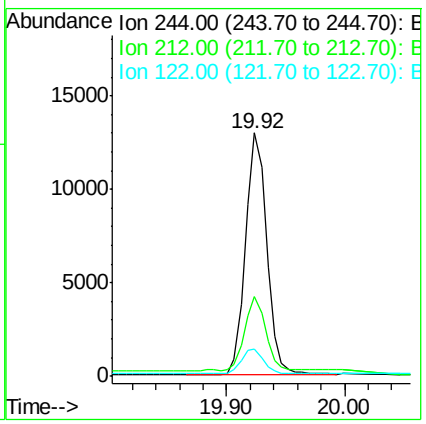


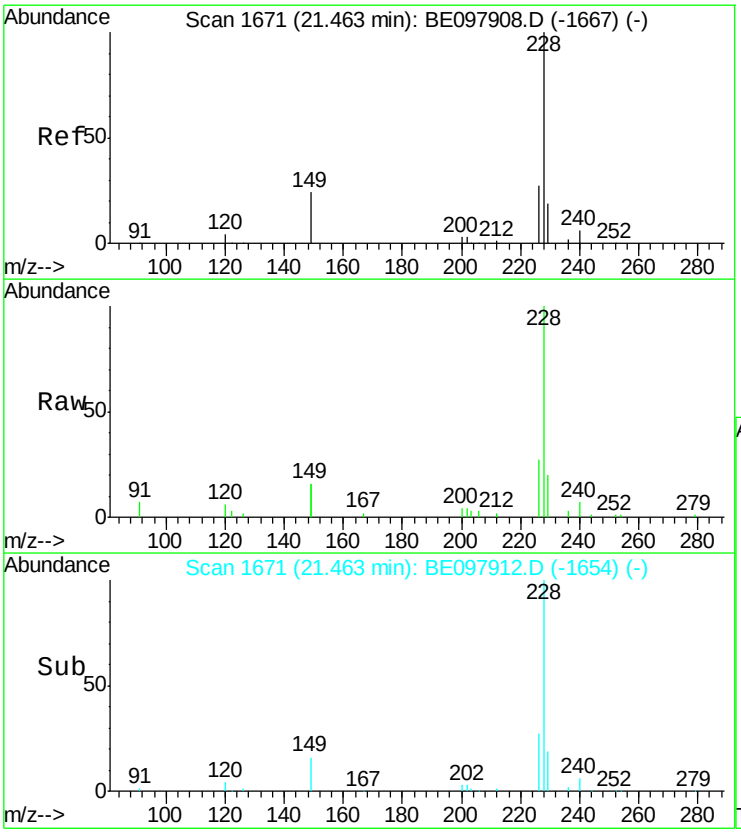
#29
Terphenyl-d14
Concen: 0.396 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:244 Resp: 16380

Ion	Ratio	Lower	Upper
244	100		
212	32.7	26.2	39.2
122	11.1	7.7	11.5

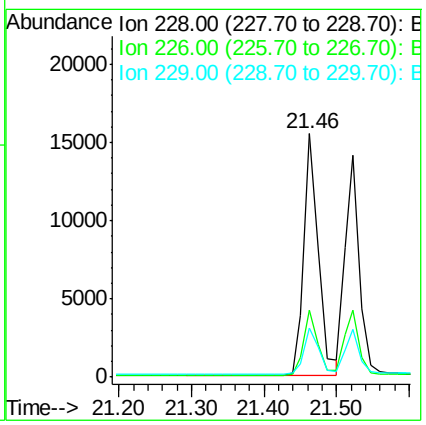


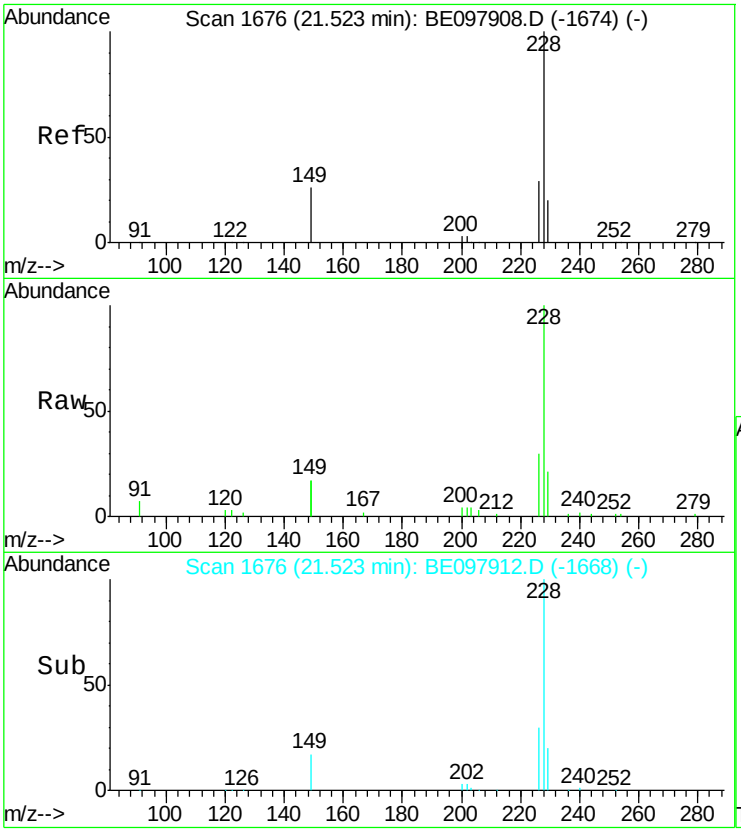


#30
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:228 Resp: 21489

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.2	16.9	25.3



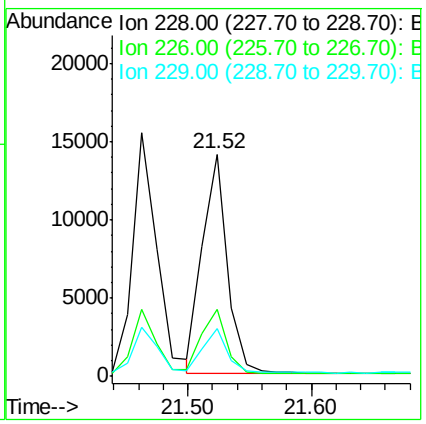


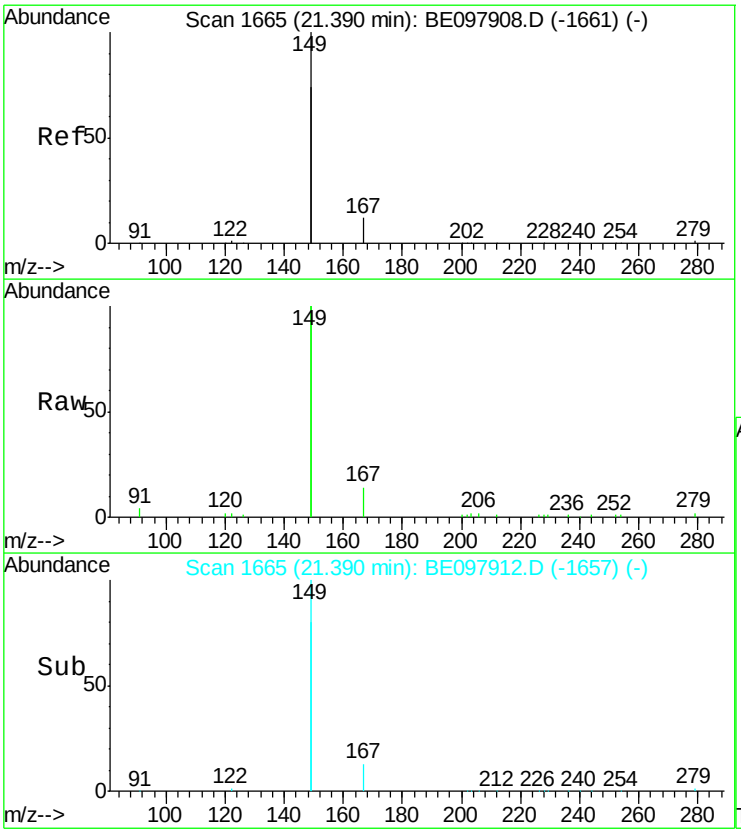
#31
Chrysene
Concen: 0.375 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:228 Resp: 19662

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	21.4	17.3	25.9

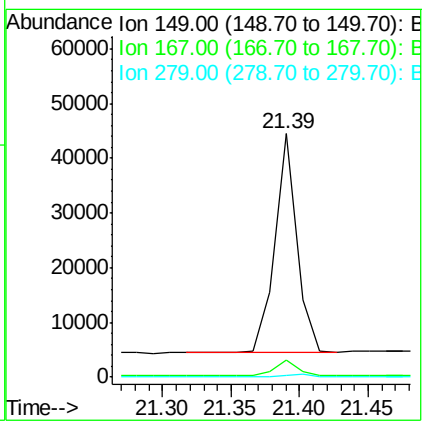


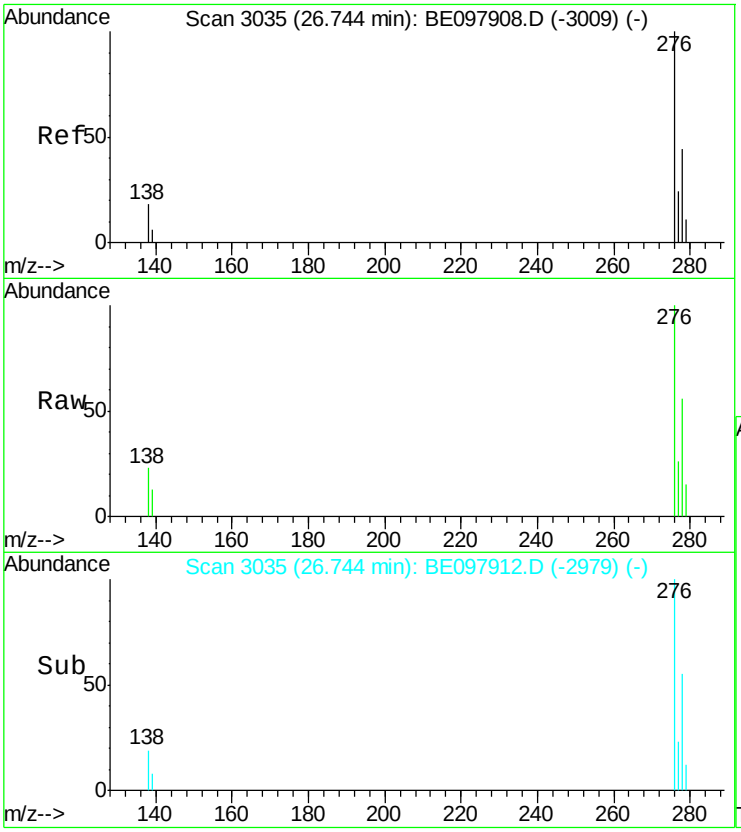


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.324 ng
RT: 21.39 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:149 Resp: 44396

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.6	8.4
279	1.3	0.9	1.3



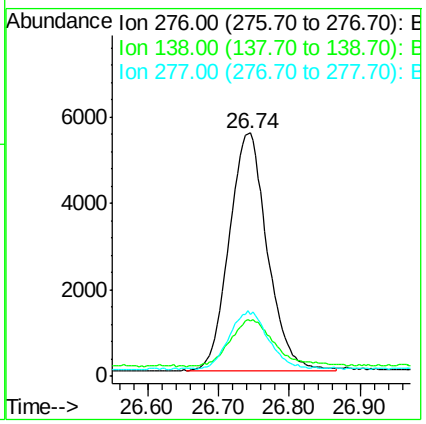


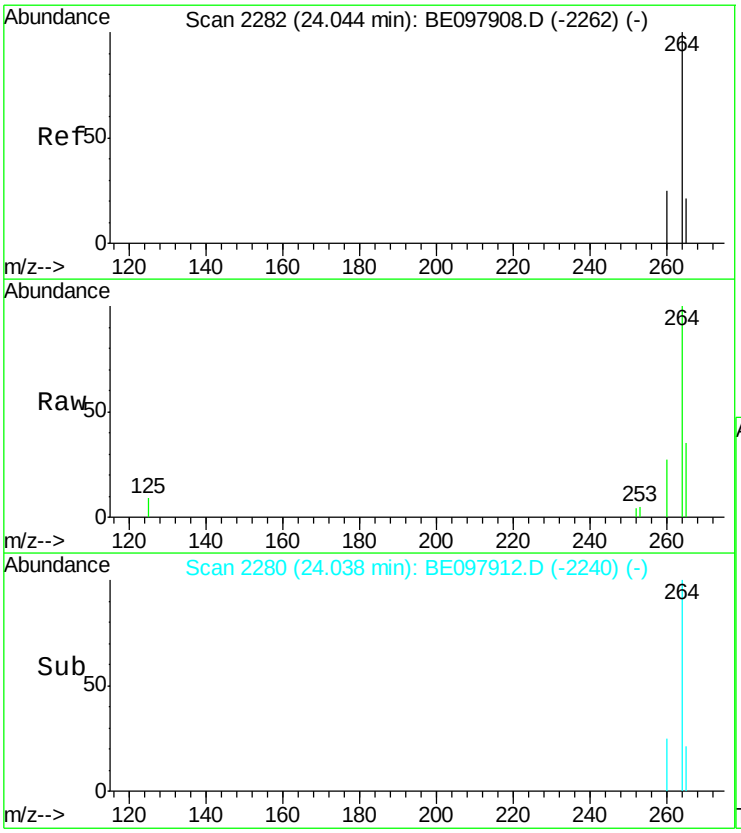
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng
RT: 26.74 min Scan# 3035
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:276 Resp: 20731

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.0	25.6
277	24.7	20.5	30.7

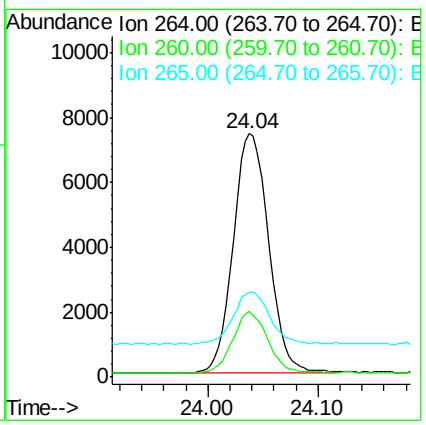


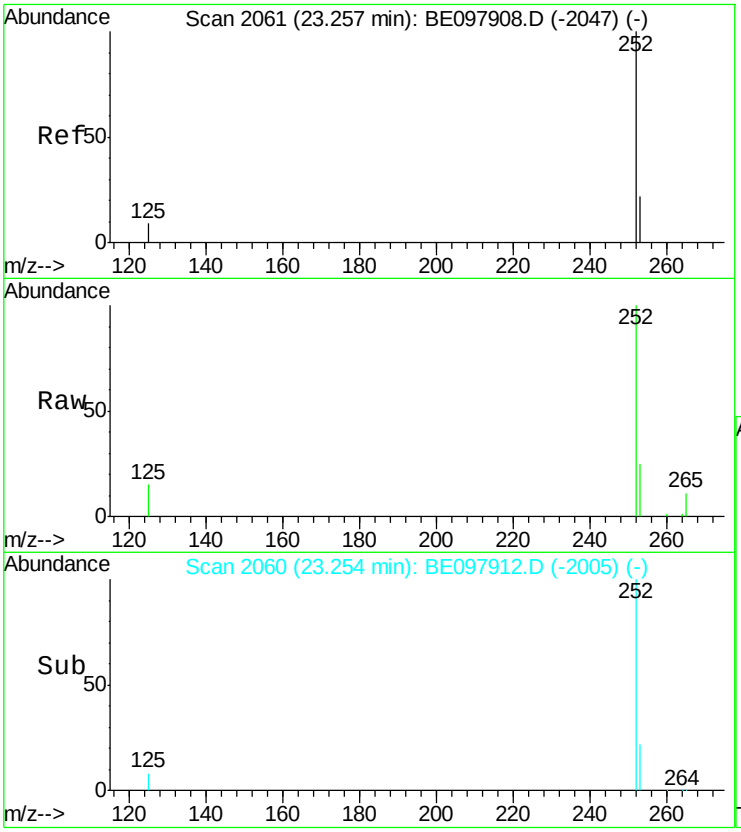


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:264 Resp: 16426

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.1	31.7
265	34.8	29.2	43.8



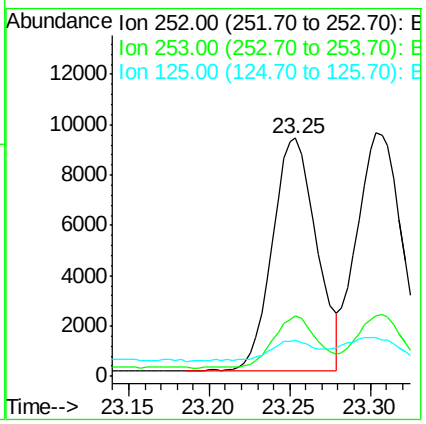


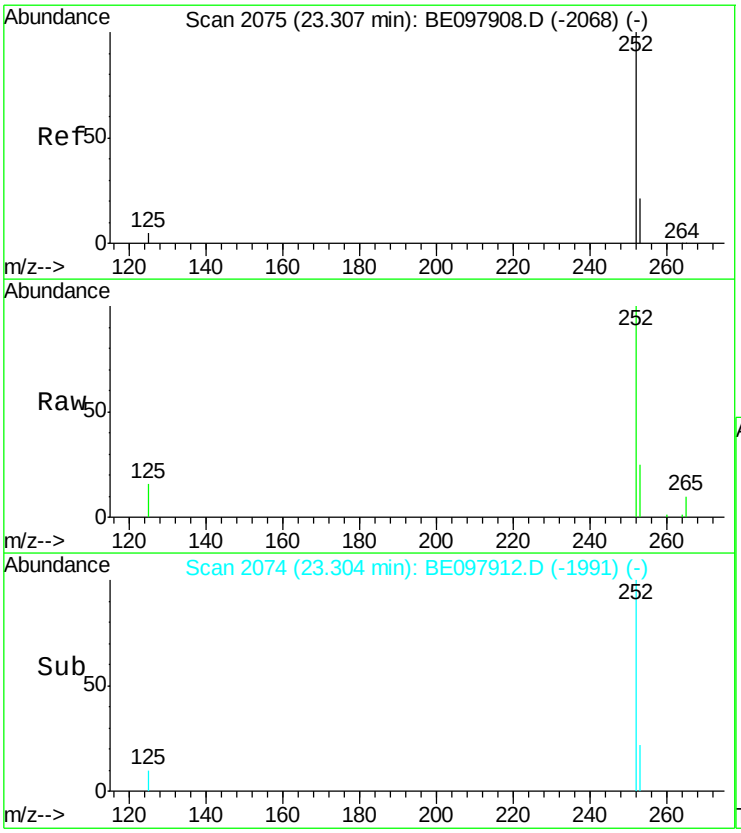
#35
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 23.25 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:252 Resp: 17552

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.6	31.0
125	15.0	14.3	21.5

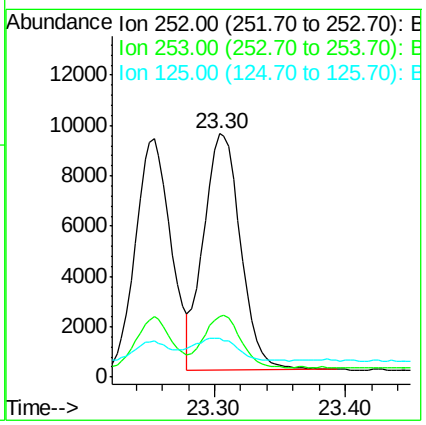


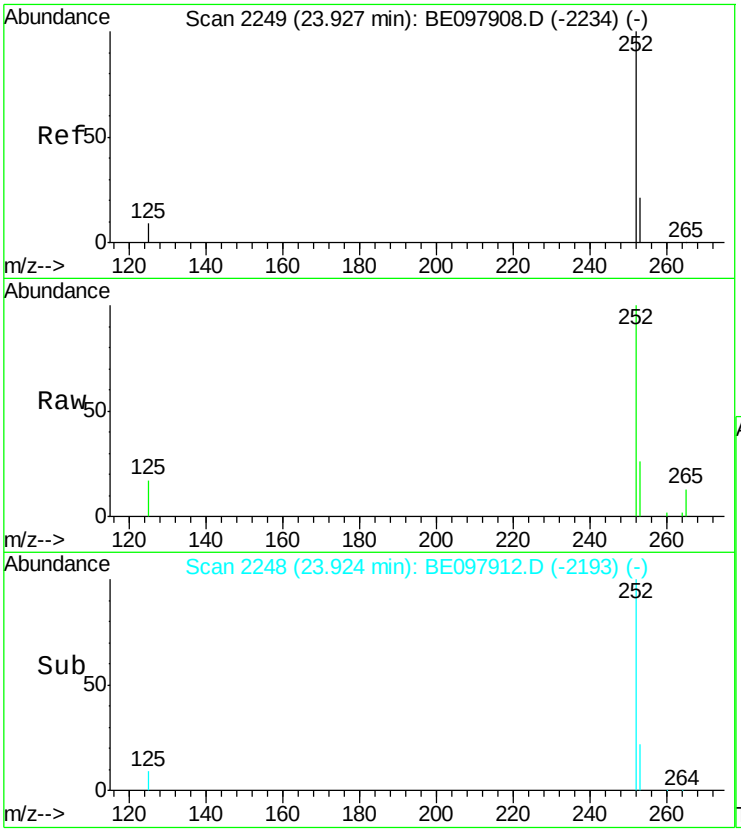


#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.30 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:252 Resp: 18522

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.4	30.6
125	16.0	14.6	21.8



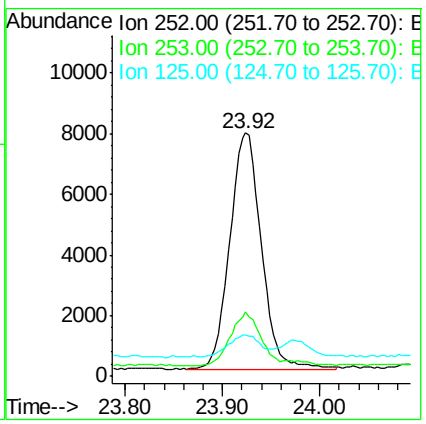


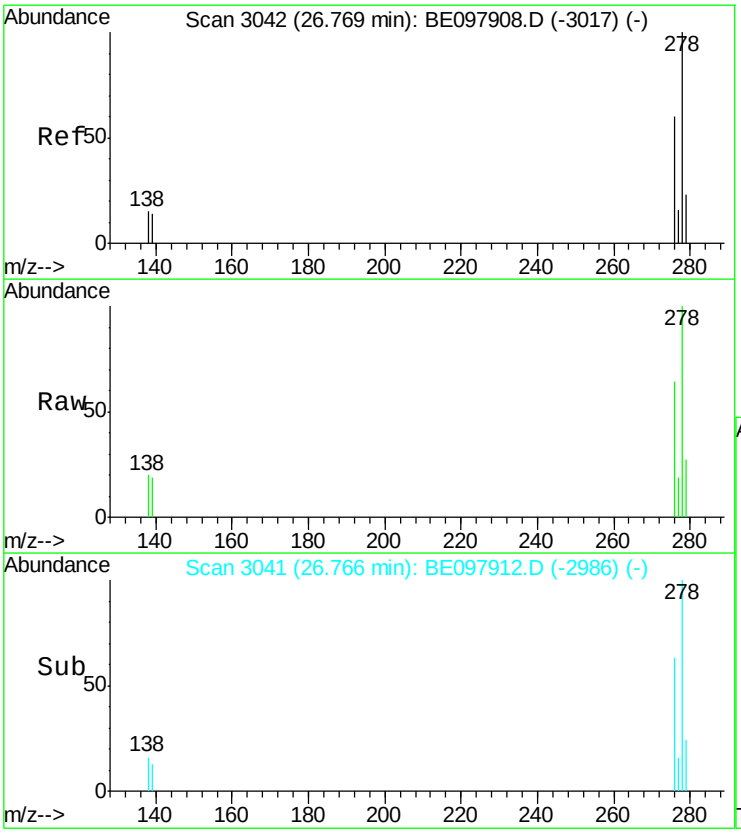
#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.92 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:252 Resp: 17640

Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.6	31.0
125	17.0	15.6	23.4

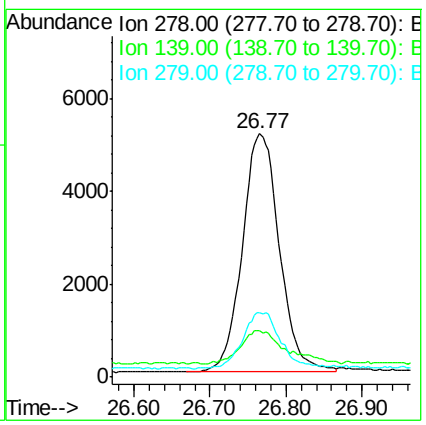


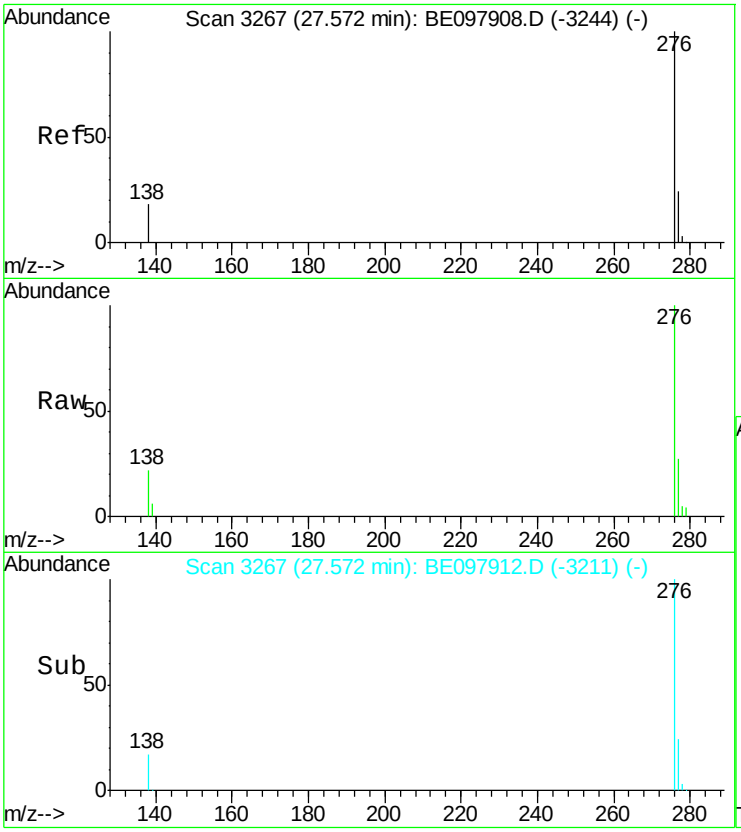


#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.77 min Scan# 3041
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:278 Resp: 17345

Ion	Ratio	Lower	Upper
278	100		
139	18.9	16.3	24.5
279	26.6	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.379 ng
RT: 27.57 min Scan# 3267
Delta R.T. 0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Instrument :
BNA_E
ClientSampleId :
ICVBE101618

Tgt Ion:276 Resp: 17532

Ion	Ratio	Lower	Upper
276	100		
277	26.7	22.1	33.1
138	21.5	19.3	28.9