Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097907.D
Acq On : 16 Oct 2018 12:37
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Oct 16 13:51:32 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 13:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1600	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	7086	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	4308	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	11741	0.40	ng		0.00
27) Chrysene-d12	21.49	240	16373	0.40	ng		0.00
34) Perylene-d12	24.04	264	16588	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	1095	0.29	ng		0.00
5) Phenol-d6	7.05	99	1525	0.26	ng		0.00
8) Nitrobenzene-d5	9.04	82	1308	0.57	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	2339	0.21	ng		0.00
14) 2,4,6-Tribromophenol	16.05	330	489	0.63	ng		0.00
15) 2-Fluorobiphenyl	13.17	172	3987	0.21	ng		0.00
25) Fluoranthene-d10	19.33	212	33517	0.23	ng		0.00
29) Terphenyl-d14	19.93	244	7414	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	639	0.200	ng		90
3) n-Nitrosodimethylamine	3.70	42	630	0.217	ng	#	92
6) bis(2-Chloroethyl)ether	7.31	93	1293	0.215	ng		97
9) Naphthalene	10.74	128	14397	0.202	ng		99
10) Hexachlorobutadiene	11.03	225	748	0.197	ng		99
12) 2-Methylnaphthalene	12.37	142	2342	0.205	ng		97
16) Acenaphthylene	14.27	152	4154	0.218	ng		97
17) Acenaphthene	14.61	154	2552	0.209	ng		97
18) Fluorene	15.59	166	3480	0.214	ng		98
20) 4-Bromophenyl-phenylether	16.49	248	1256	0.204	ng		90
21) Hexachlorobenzene	16.60	284	1269	0.183	ng		96
22) Pentachlorophenol	16.97	266	296	0.272	ng	#	89
23) Phenanthrene	17.34	178	6088	0.201	ng		100
24) Anthracene	17.43	178	5674	0.217	ng		99
26) Fluoranthene	19.36	202	8204	0.213	ng		99
28) Pyrene	19.72	202	8991	0.216	ng		99
30) Benzo(a)anthracene	21.46	228	10633	0.242	ng		96
31) Chrysene	21.52	228	9718	0.197	ng		97
32) Bis(2-ethylhexyl)phthalate	21.39	149	27861	0.865	ng		100
33) Indeno(1,2,3-cd)pyrene	26.75	276	11341	0.265	ng		99
35) Benzo(b)fluoranthene	23.26	252	9729	0.214	ng	#	88
36) Benzo(k)fluoranthene	23.31	252	10162	0.201	ng	#	88
37) Benzo(a)pyrene	23.93	252	9722	0.236	ng	#	84
38) Dibenzo(a,h)anthracene	26.77	278	9164	0.226	ng	#	87
39) Benzo(g,h,i)perylene	27.58	276	9598	0.226	ng		94

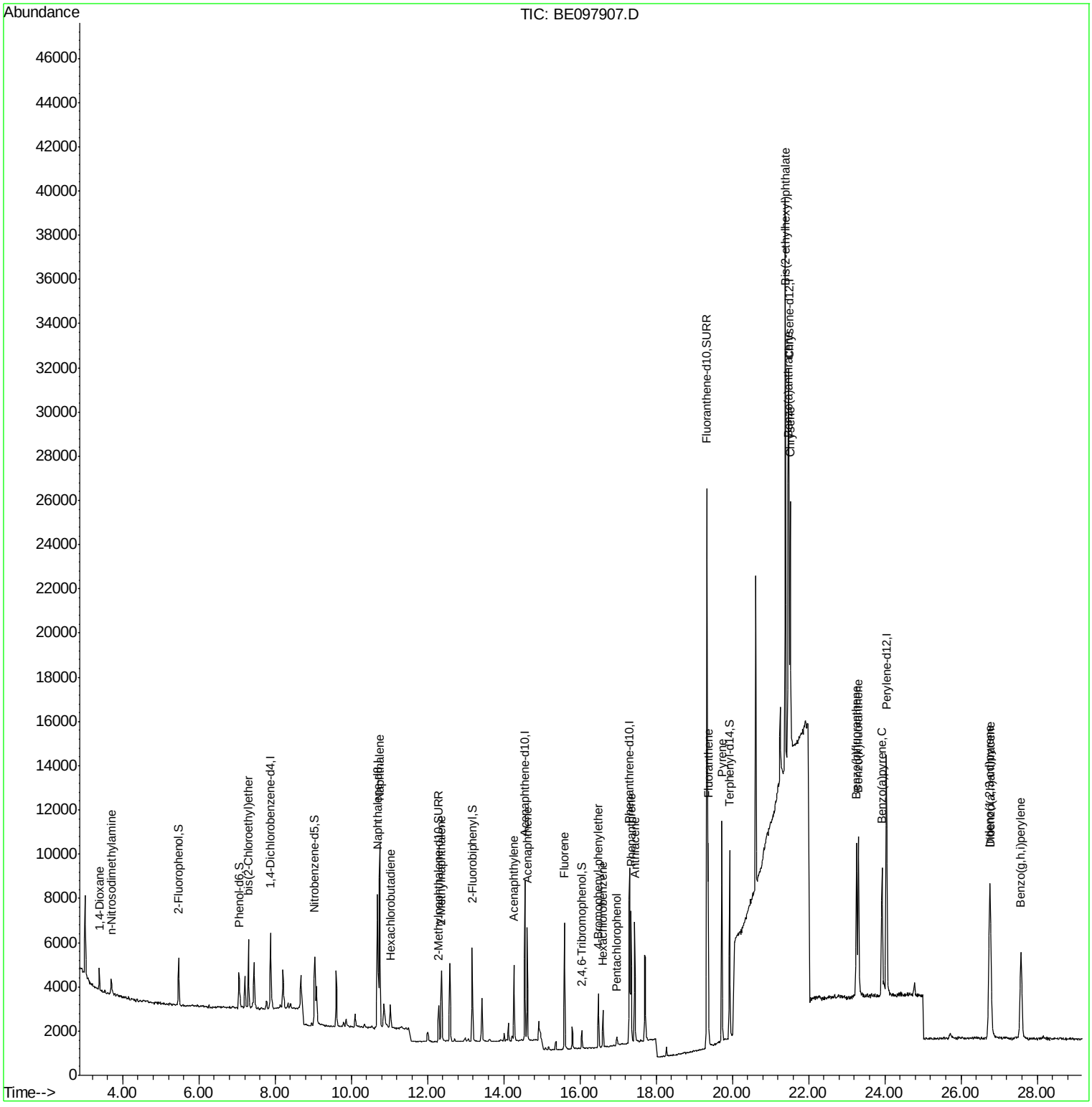
(#) = qualifier out of range (m) = manual integration (+) = signals summed

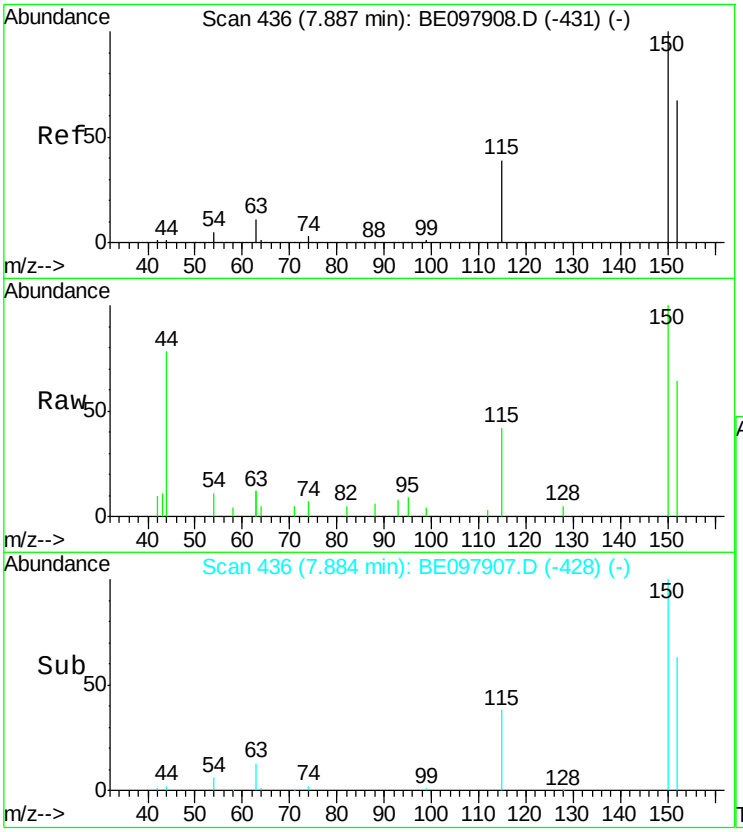
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097907.D
Acq On : 16 Oct 2018 12:37
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 16 13:51:32 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 13:45:48 2018
Response via : Initial Calibration



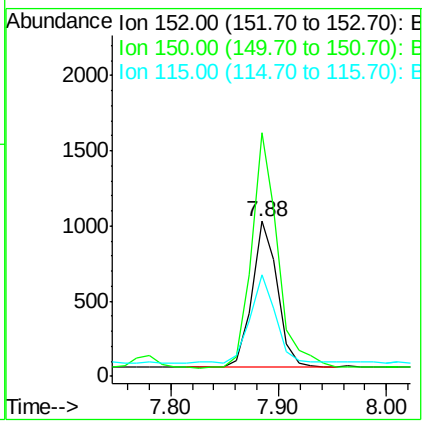


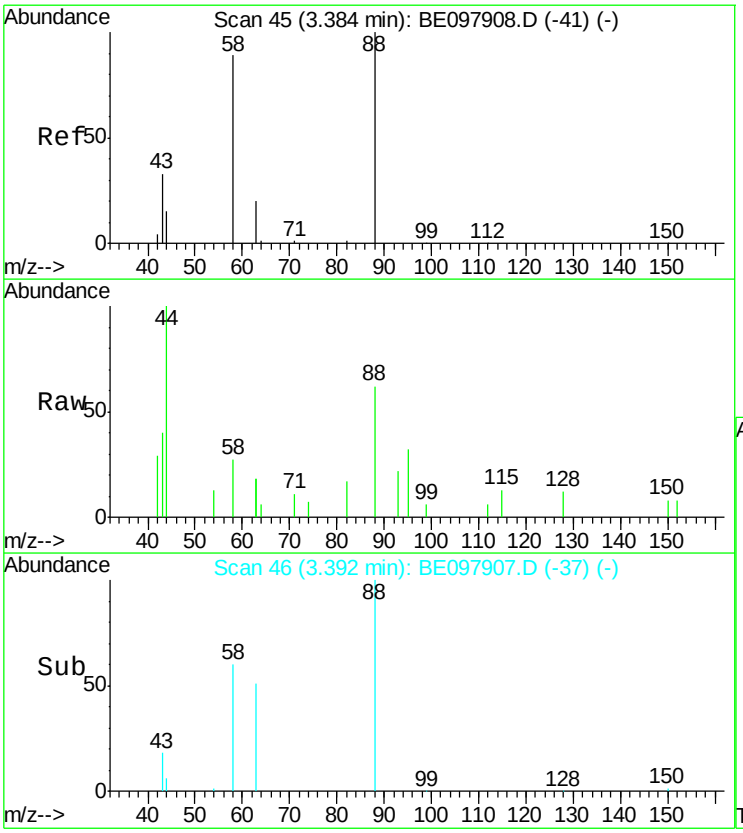
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1600

Ion	Ratio	Lower	Upper
152	100		
150	157.3	118.2	177.4
115	65.5	50.9	76.3

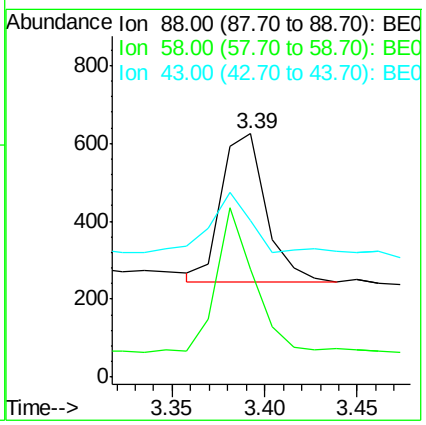


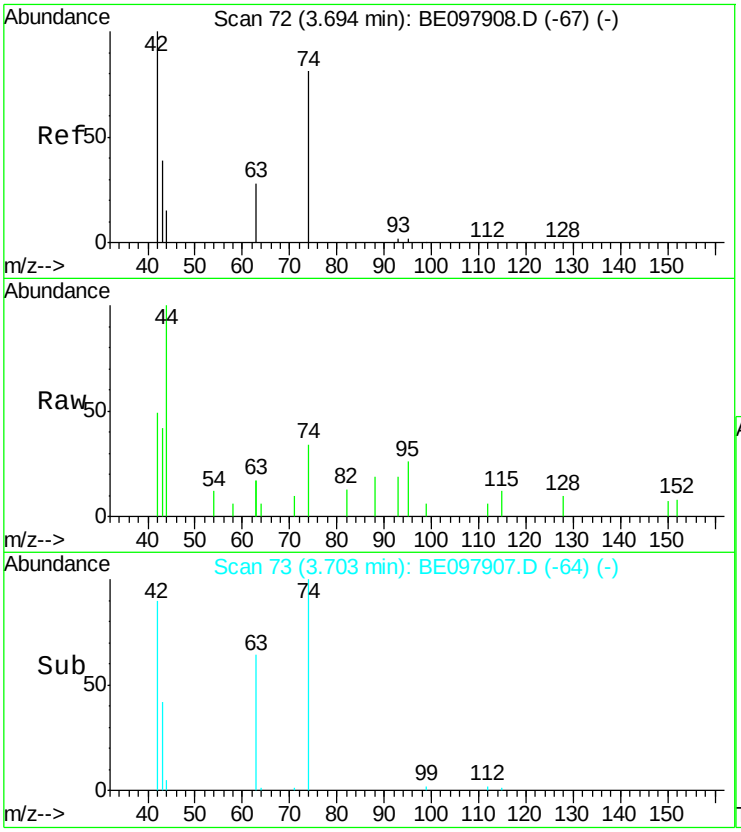


#2
1,4-Dioxane
Concen: 0.200 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion: 88 Resp: 639

Ion	Ratio	Lower	Upper
88	100		
58	82.5	73.2	109.8
43	37.9	36.9	55.3



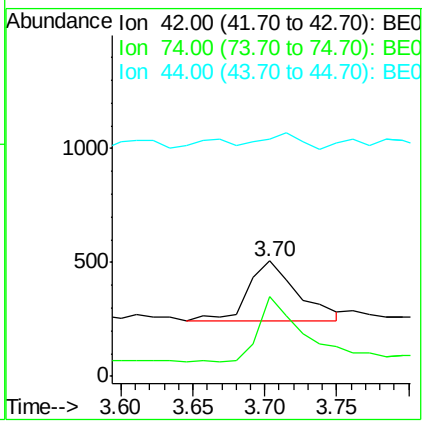


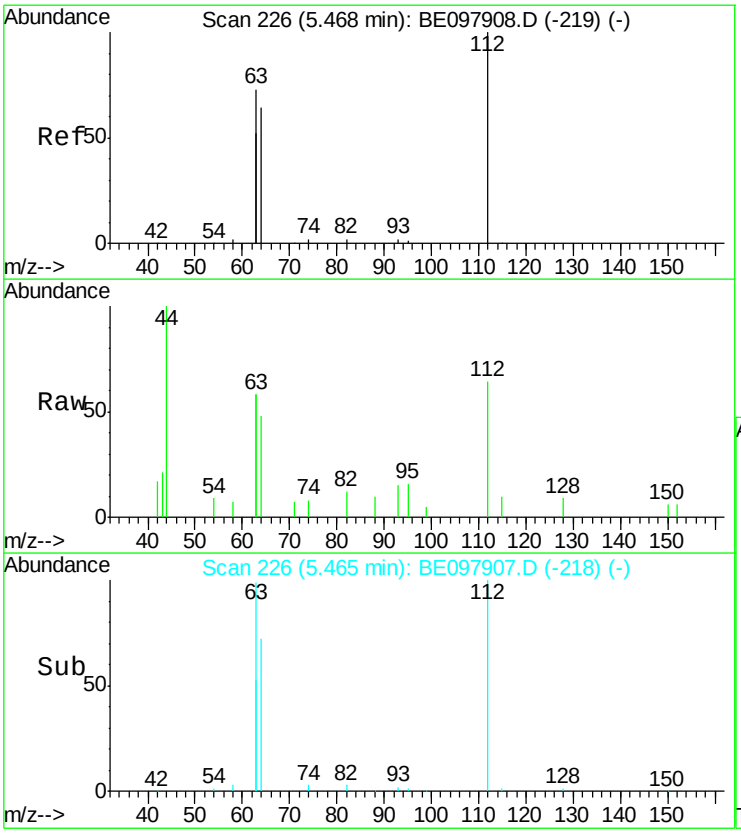
#3
n-Nitrosodimethylamine
Concen: 0.217 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 630

Ion	Ratio	Lower	Upper
42	100		
74	91.7	77.6	116.4
44	20.3	7.6	11.4#

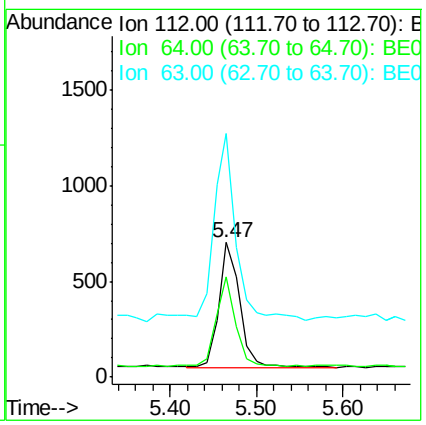


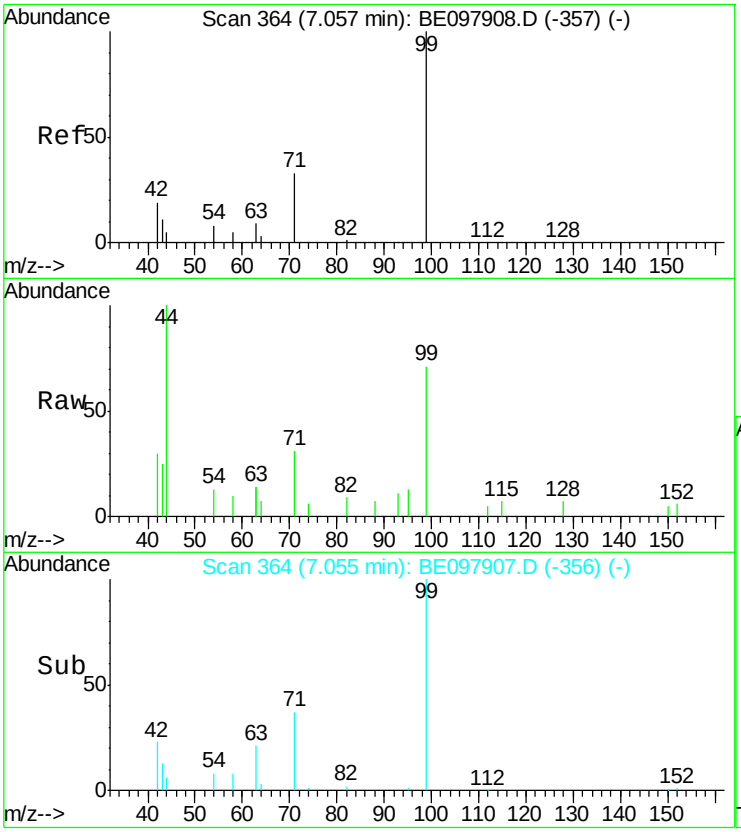


#4
2-Fluorophenol
Concen: 0.289 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:112 Resp: 1095

Ion	Ratio	Lower	Upper
112	100		
64	66.5	58.9	88.3
63	156.9	120.3	180.5



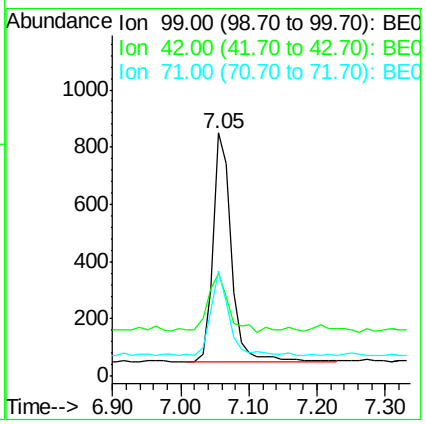


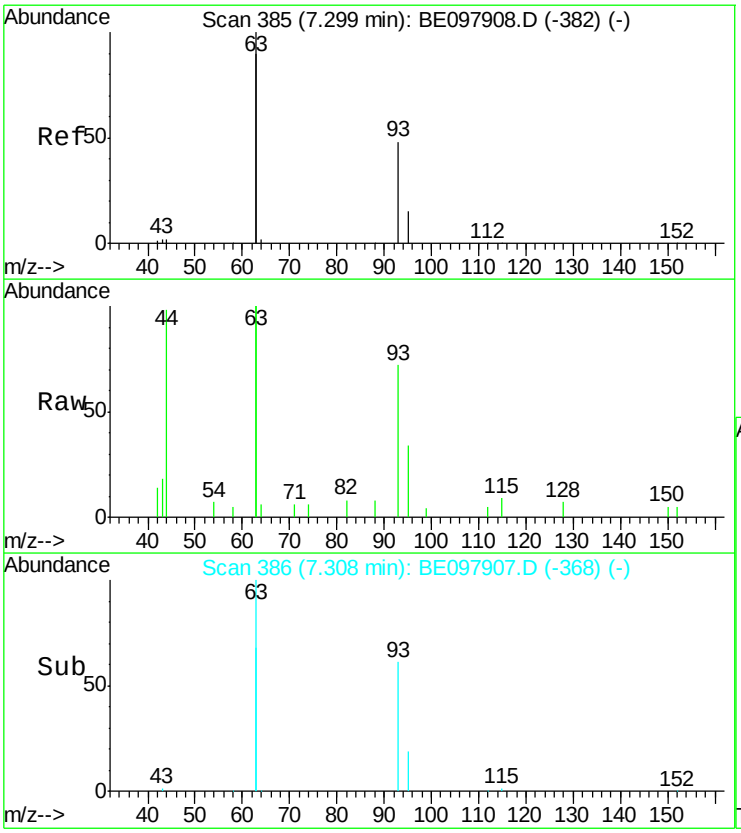
#5
Phenol-d6
Concen: 0.263 ng
RT: 7.05 min Scan# 364
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1525

Ion	Ratio	Lower	Upper
99	100		
42	28.5	19.9	29.9
71	37.4	27.8	41.8

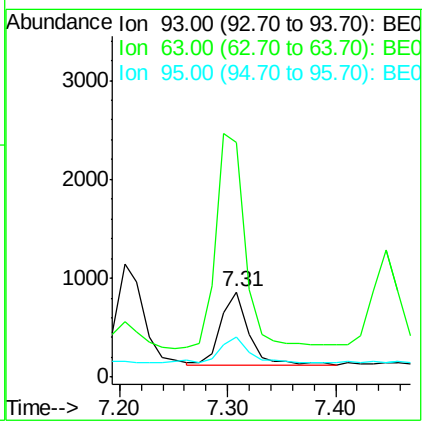


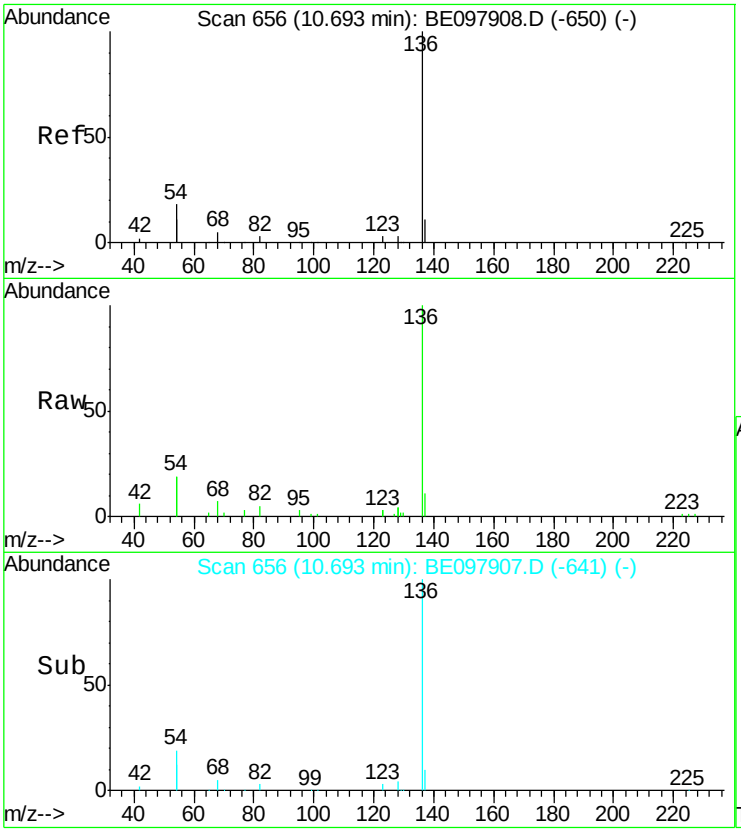


#6
bis(2-Chloroethyl)ether
Concen: 0.215 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.01 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion: 93 Resp: 1293

Ion	Ratio	Lower	Upper
93	100		
63	318.9	259.0	388.4
95	37.4	27.8	41.8



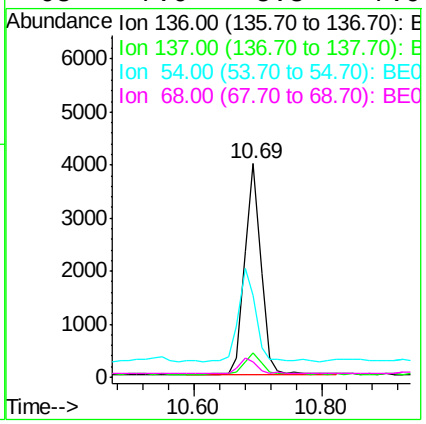


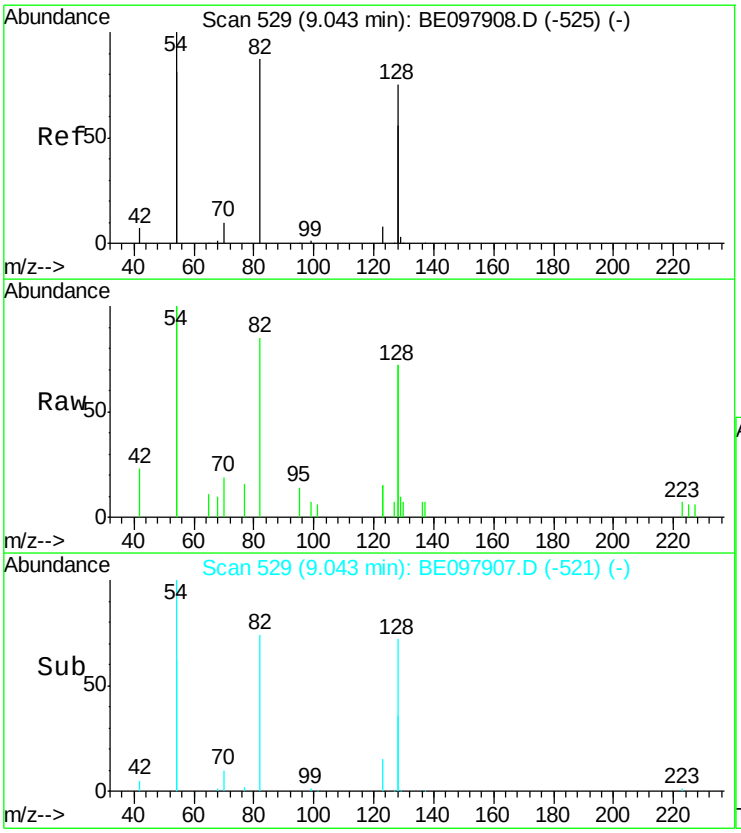
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 7086

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	38.1	27.7	41.5
68	7.0	5.3	7.9

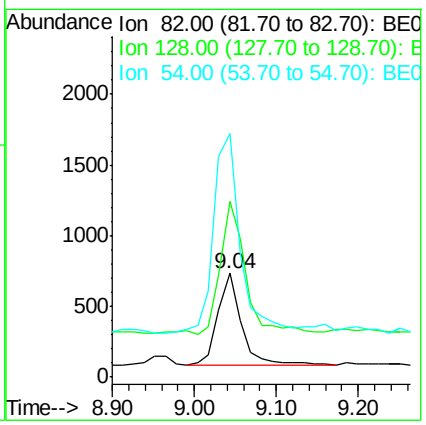


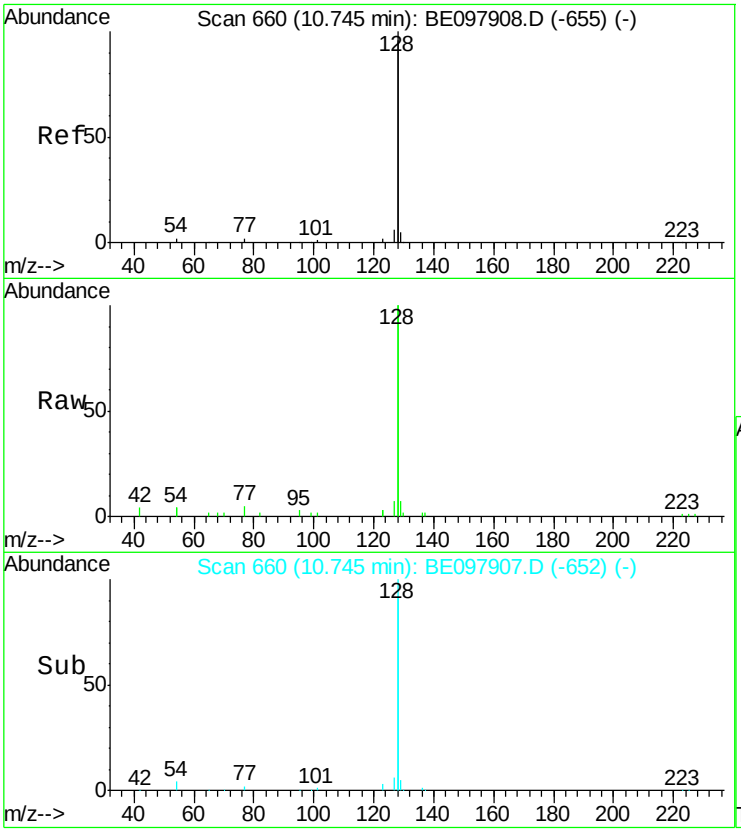


#8
Nitrobenzene-d5
Concen: 0.569 ng
RT: 9.04 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion: 82 Resp: 1308

Ion	Ratio	Lower	Upper
82	100		
128	169.3	129.9	194.9
54	234.3	174.0	261.0



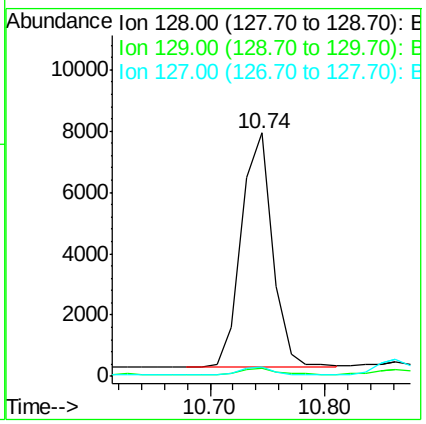


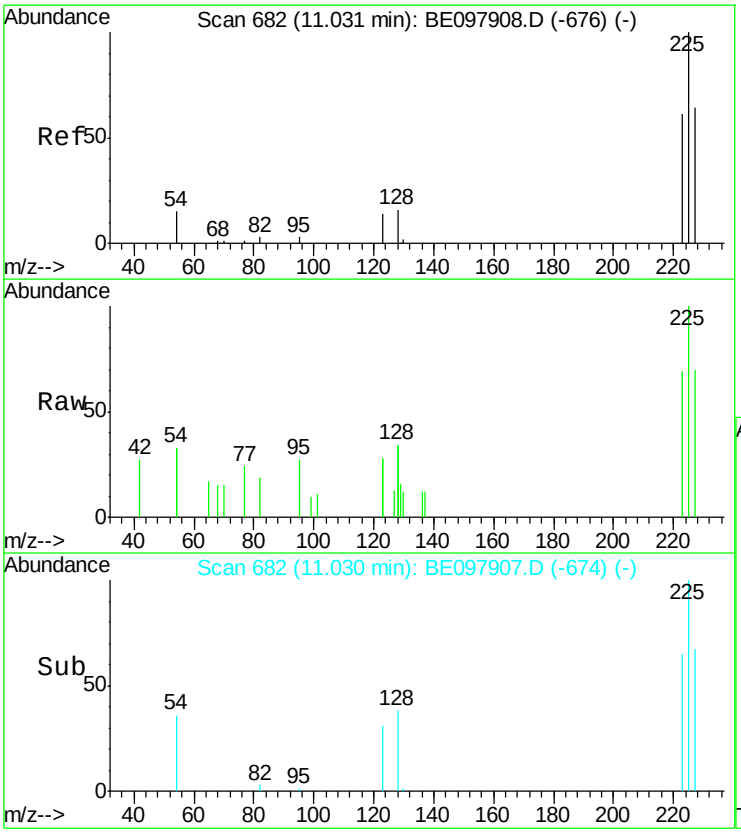
#9
Naphthalene
Concen: 0.202 ng
RT: 10.74 min Scan# 660
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 14397

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.5	3.7
127	3.6	2.8	4.2

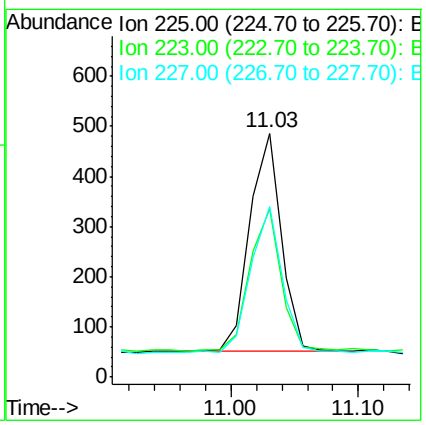


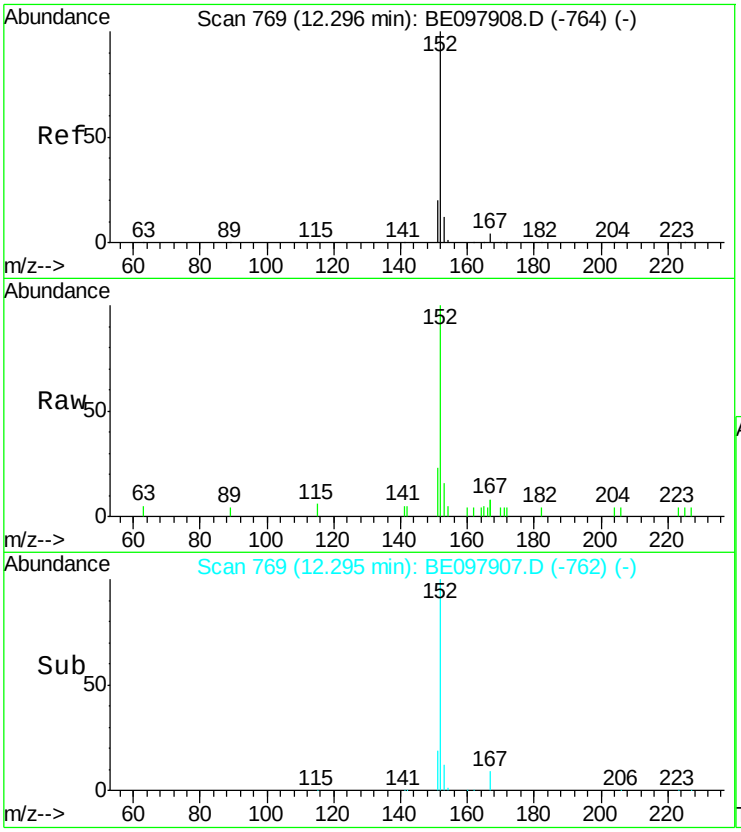


#10
Hexachlorobutadiene
Concen: 0.197 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:225 Resp: 748

Ion	Ratio	Lower	Upper
225	100		
223	65.8	51.8	77.8
227	65.9	53.0	79.6



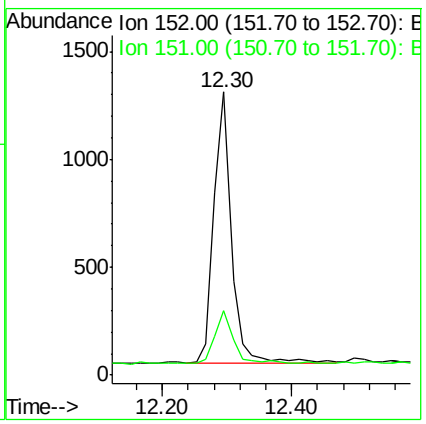


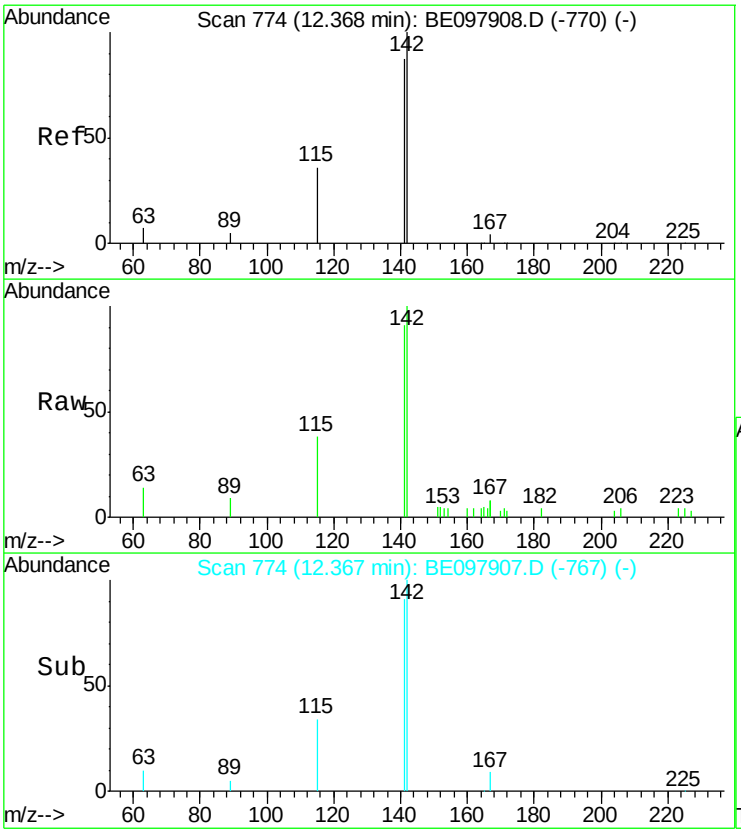
#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2339

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

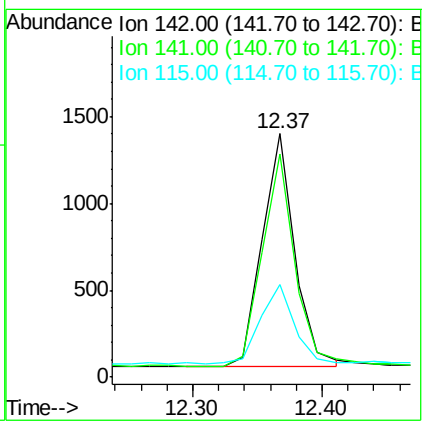


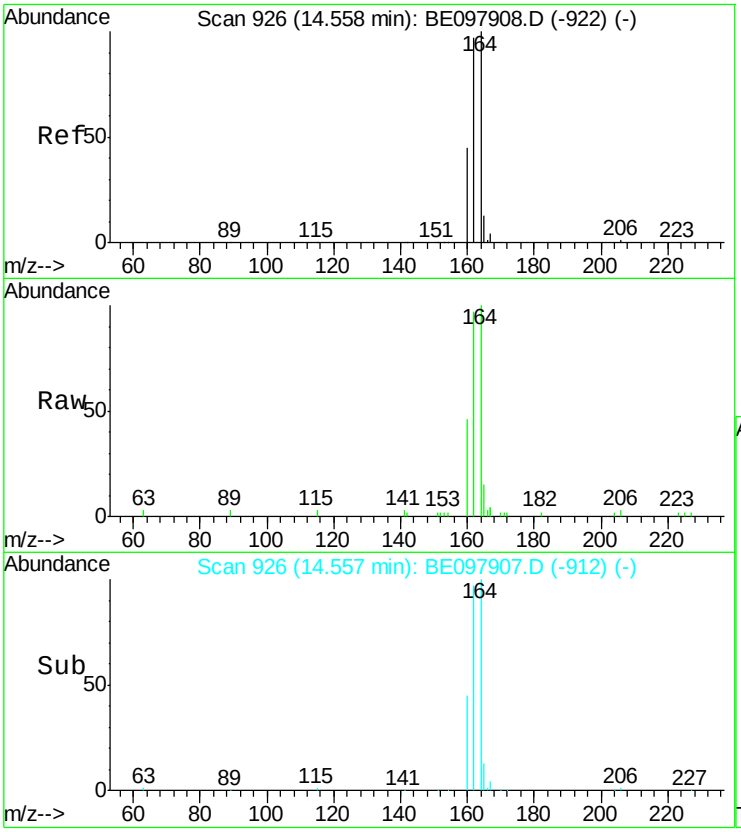


#12
2-Methylnaphthalene
Concen: 0.205 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:142 Resp: 2342

Ion	Ratio	Lower	Upper
142	100		
141	91.4	69.8	104.6
115	38.2	30.5	45.7



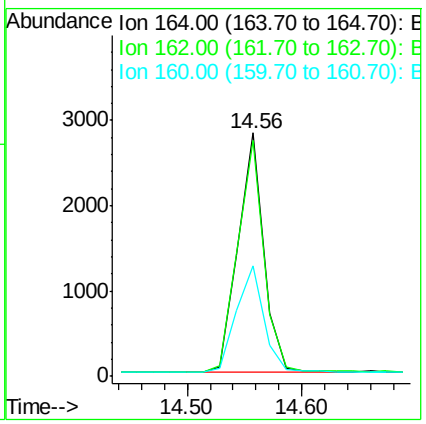


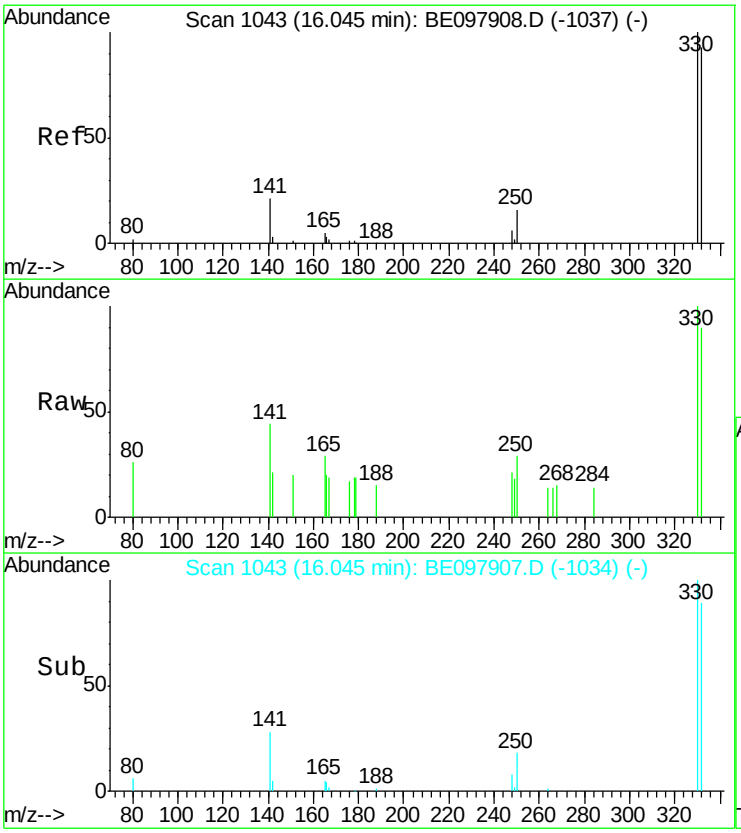
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 4308

Ion	Ratio	Lower	Upper
164	100		
162	96.8	77.4	116.2
160	45.6	36.5	54.7

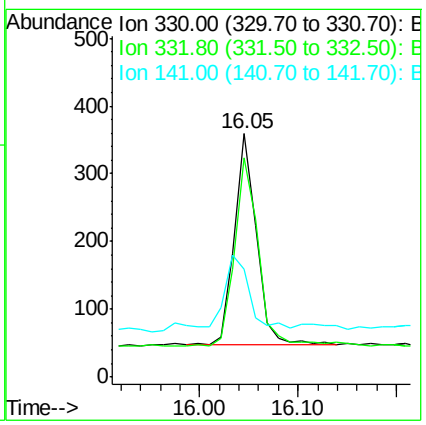


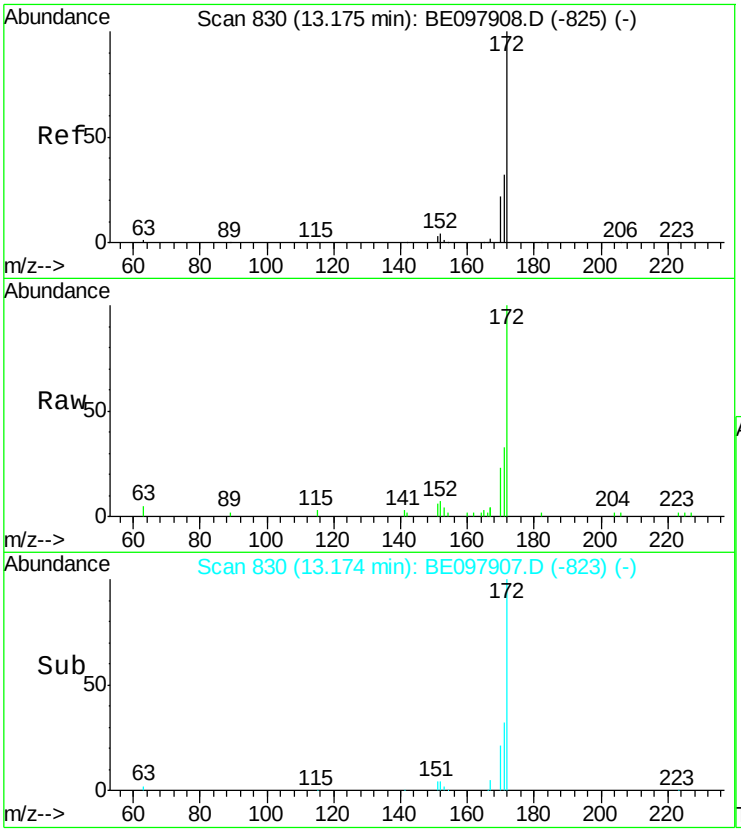


#14
2,4,6-Tribromophenol
Concen: 0.626 ng
RT: 16.05 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:330 Resp: 489

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.5	114.7
141	43.4	31.8	47.6



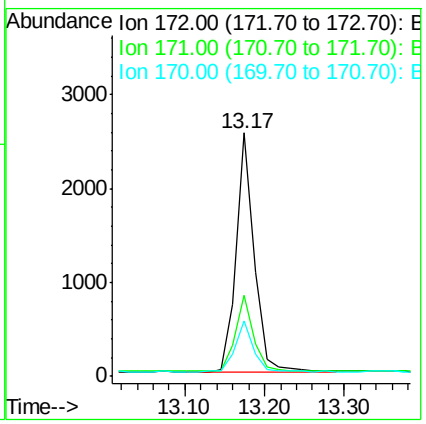


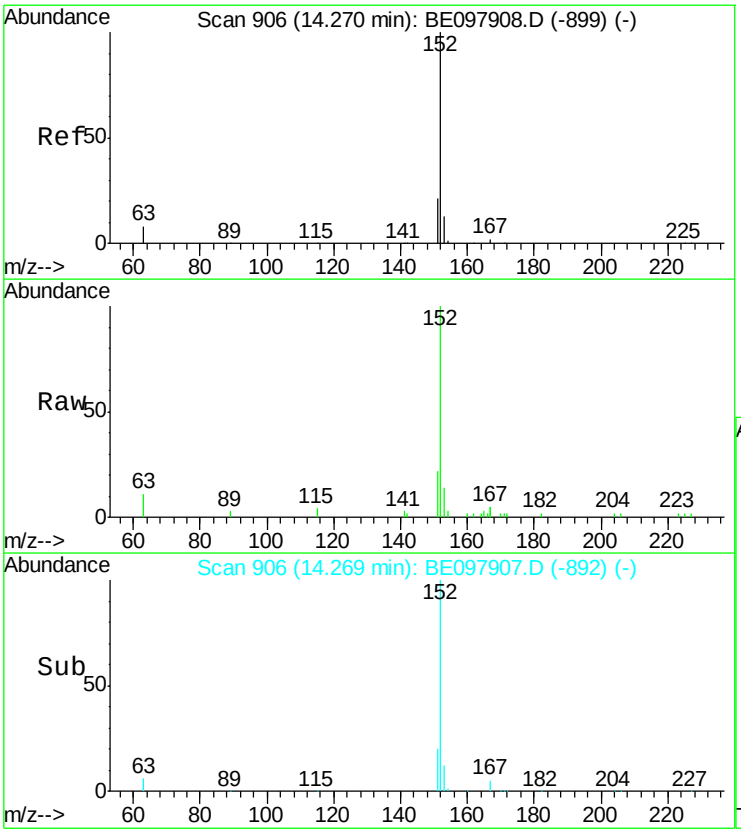
#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 3987

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.0	39.0
170	23.0	18.0	27.0

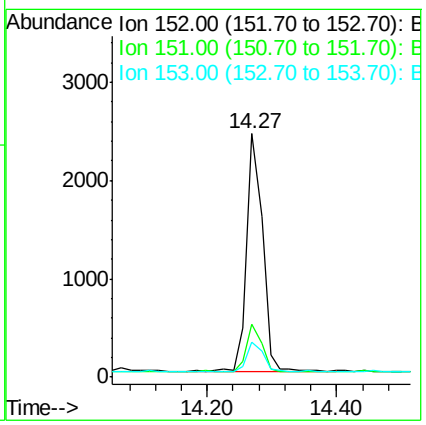


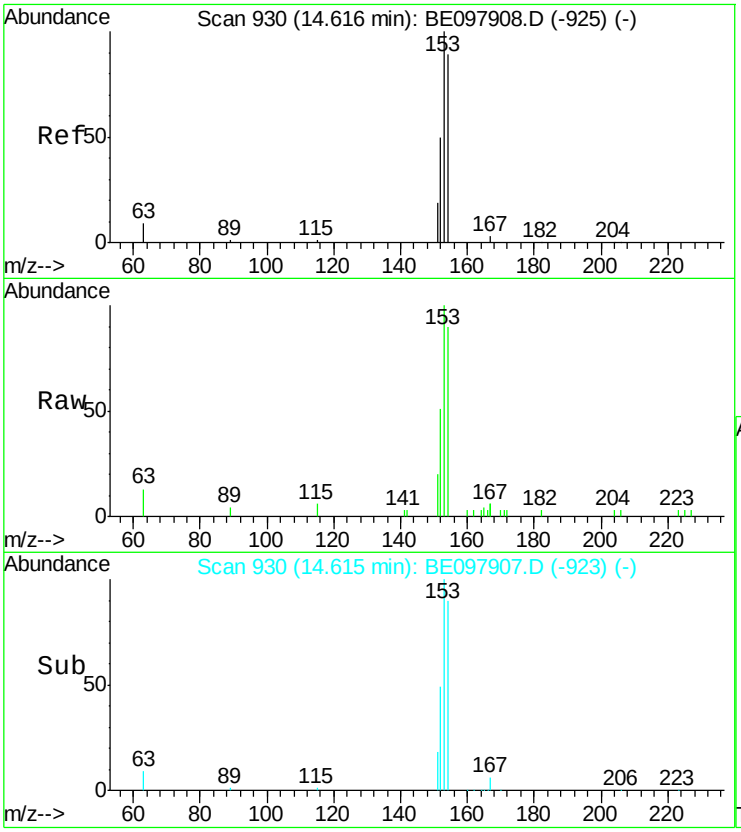


#16
Acenaphthylene
Concen: 0.218 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:152 Resp: 4154

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.1	24.1
153	12.4	10.9	16.3



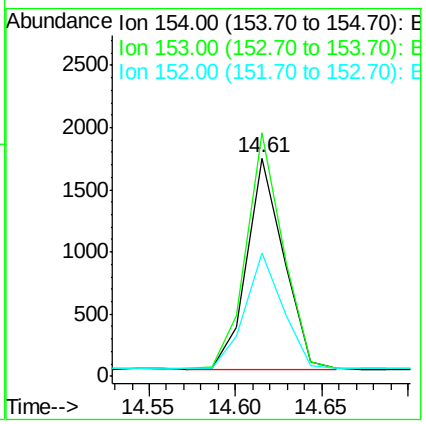


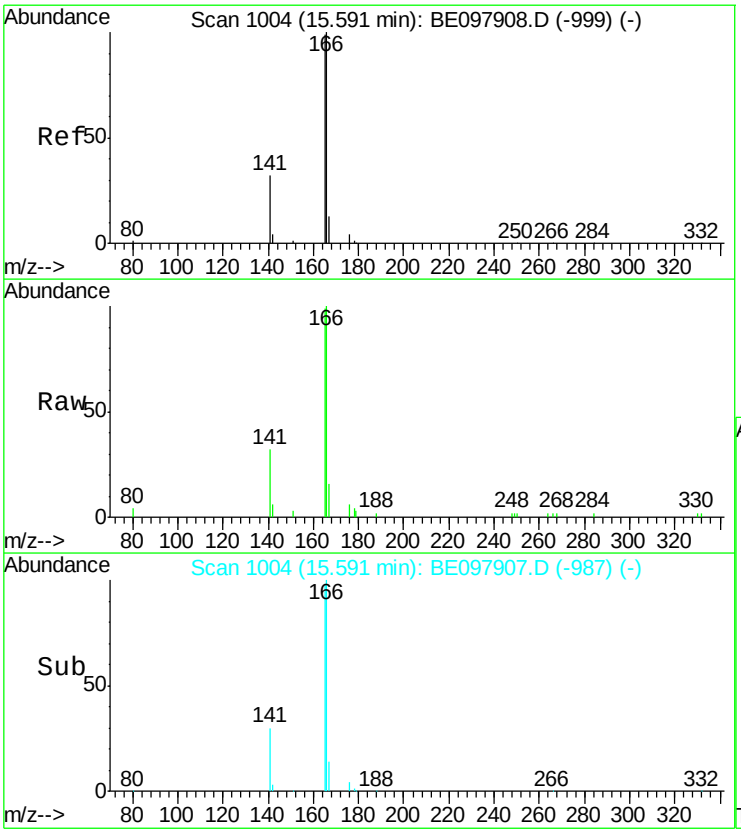
#17
Acenaphthene
Concen: 0.209 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 2552

Ion	Ratio	Lower	Upper
154	100		
153	110.8	92.6	139.0
152	56.2	45.5	68.3

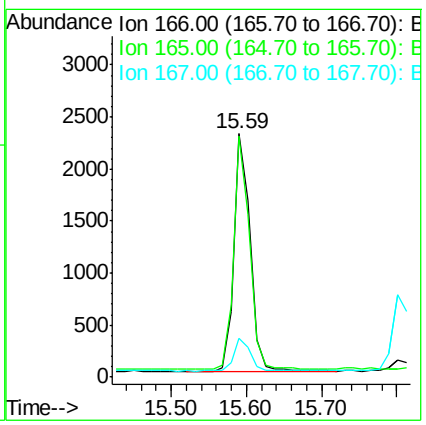


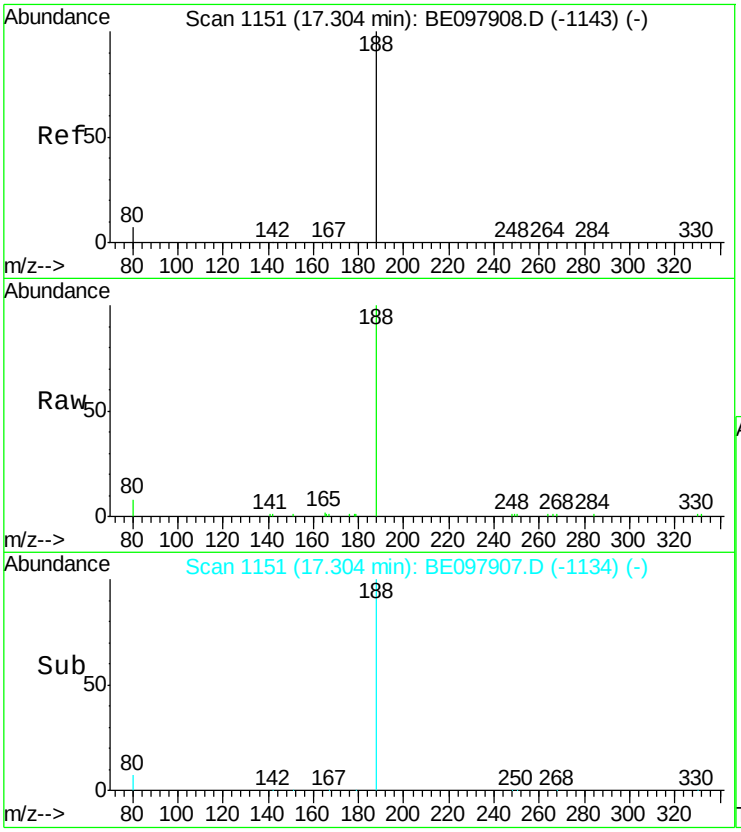


#18
Fluorene
Concen: 0.214 ng
RT: 15.59 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:166 Resp: 3480

Ion	Ratio	Lower	Upper
166	100		
165	95.5	78.2	117.4
167	14.4	11.0	16.6



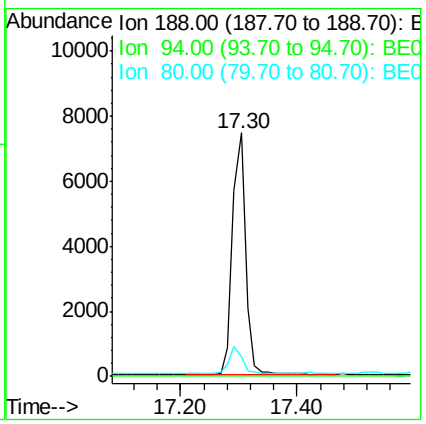


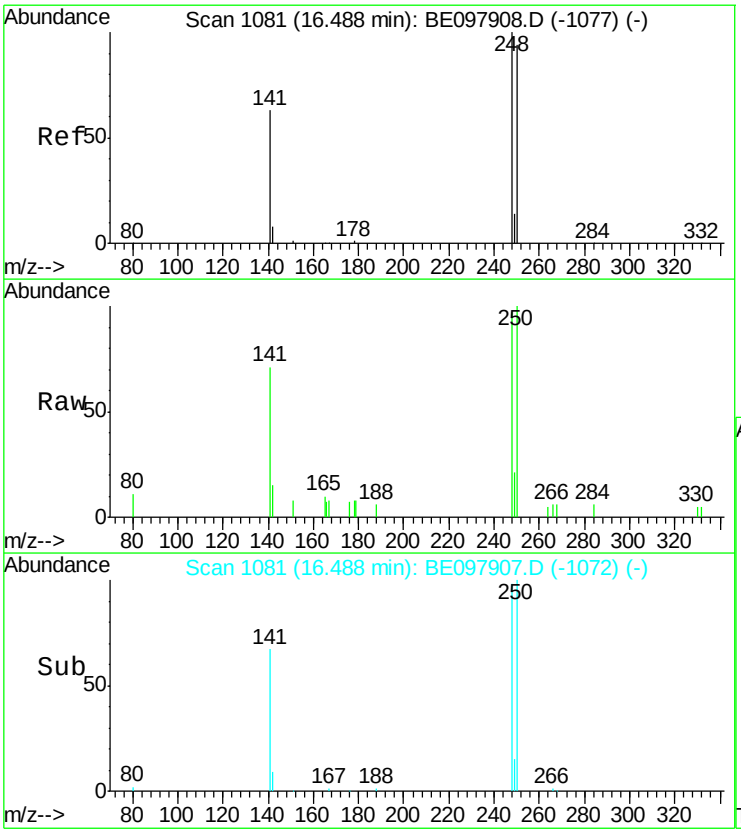
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 11741

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.3	9.5

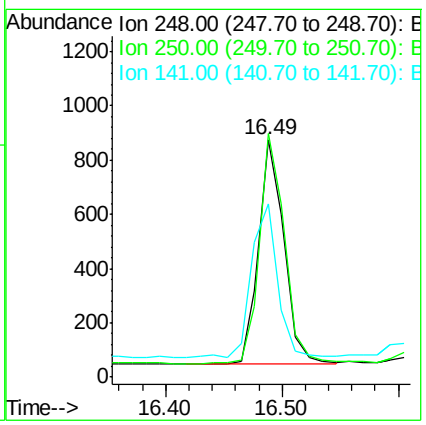


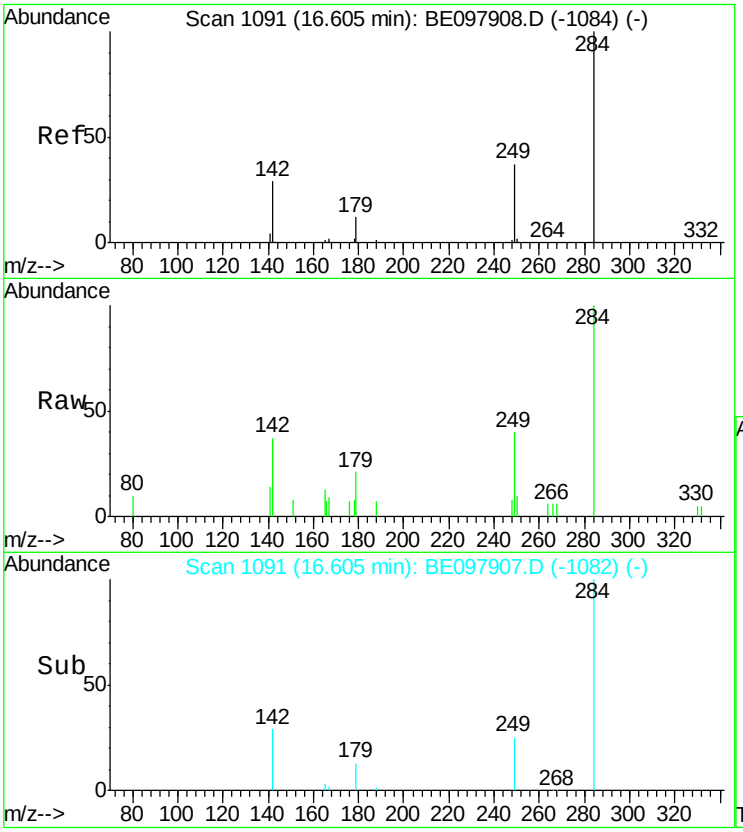


#20
4-Bromophenyl-phenylether
Concen: 0.204 ng
RT: 16.49 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:248 Resp: 1256

Ion	Ratio	Lower	Upper
248	100		
250	102.6	75.1	112.7
141	73.0	51.8	77.8



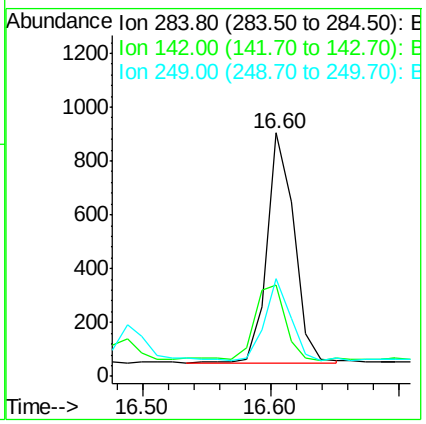


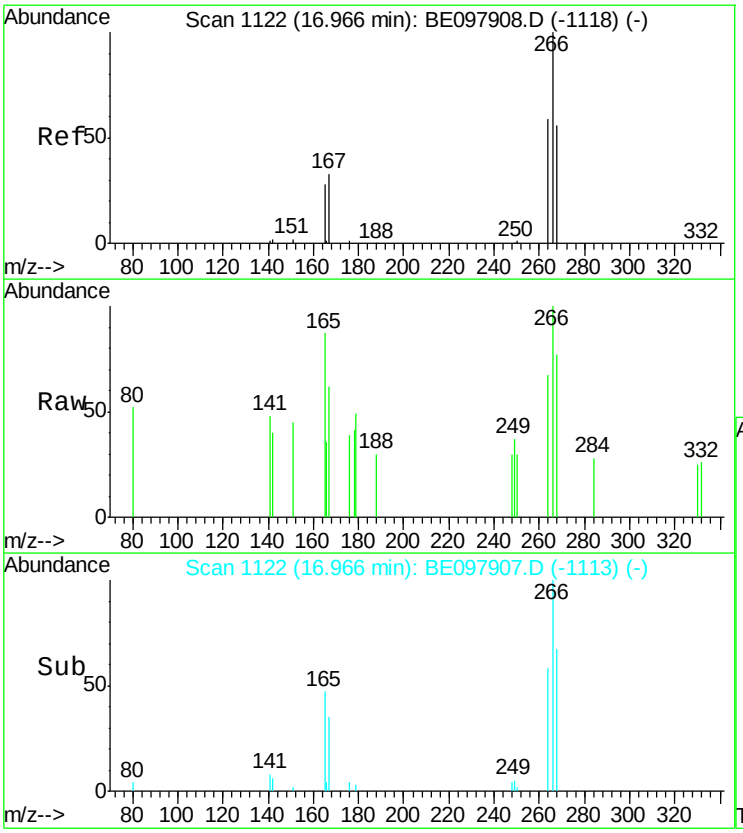
#21
Hexachlorobenzene
Concen: 0.183 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1269

Ion	Ratio	Lower	Upper
284	100		
142	36.4	25.9	38.9
249	33.6	26.6	40.0

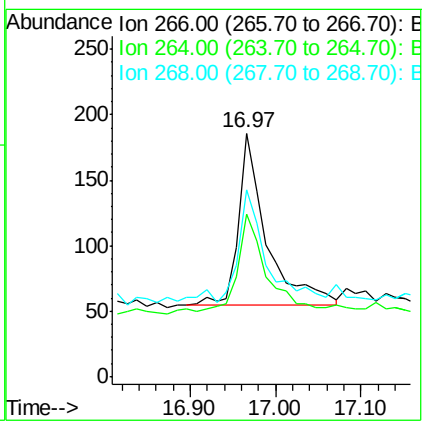


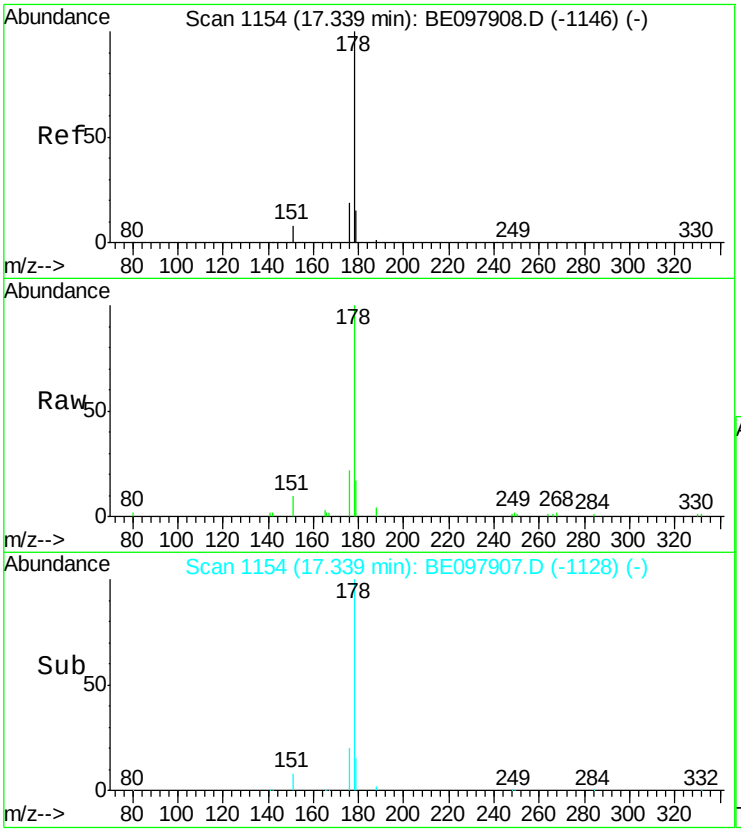


#22
Pentachlorophenol
Concen: 0.272 ng
RT: 16.97 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:266 Resp: 296

Ion	Ratio	Lower	Upper
266	100		
264	66.7	51.3	76.9
268	76.9	50.1	75.1#



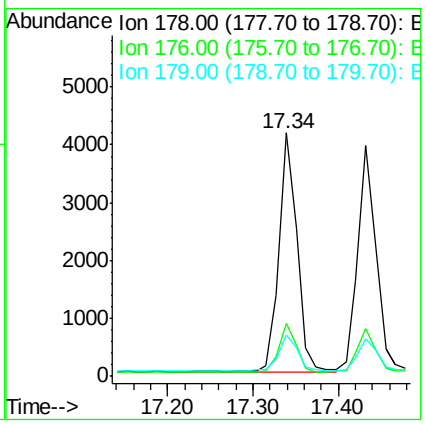


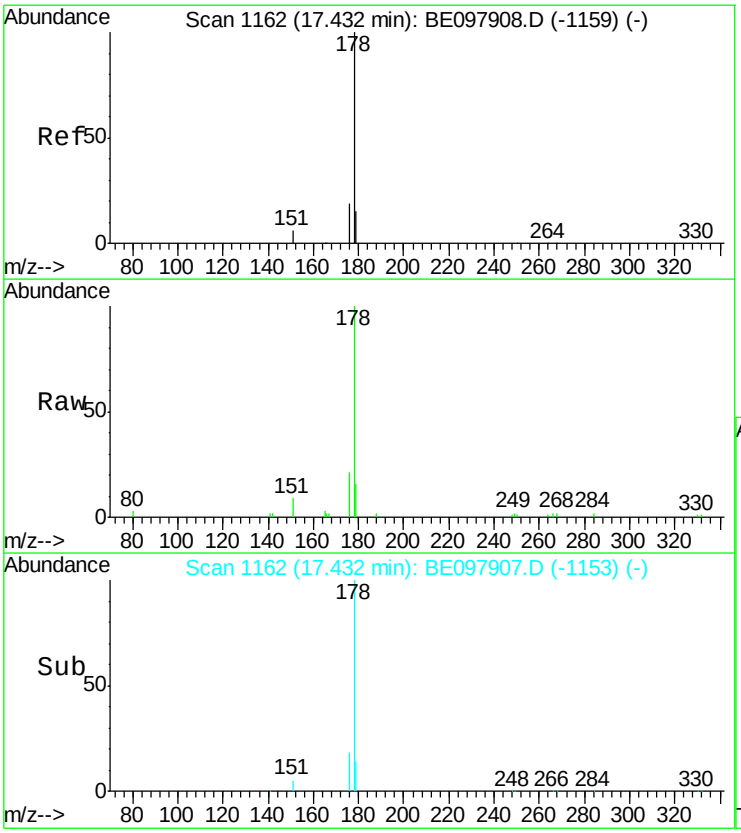
#23
Phenanthrene
Concen: 0.201 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 6088

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.2	12.2	18.4

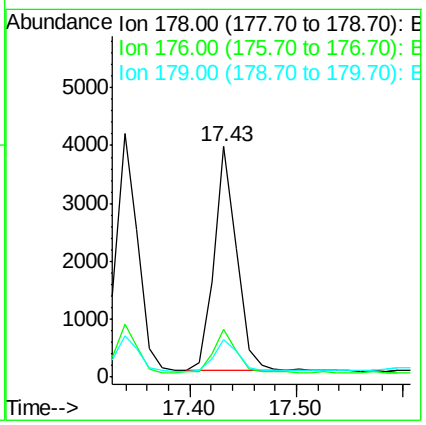


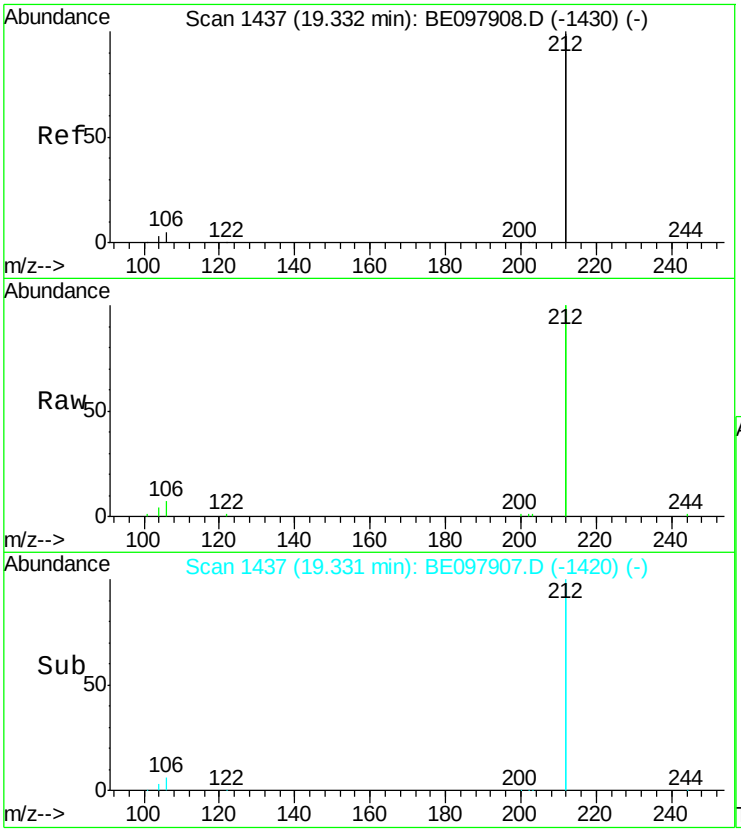


#24
Anthracene
Concen: 0.217 ng
RT: 17.43 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:178 Resp: 5674

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	15.1	11.9	17.9



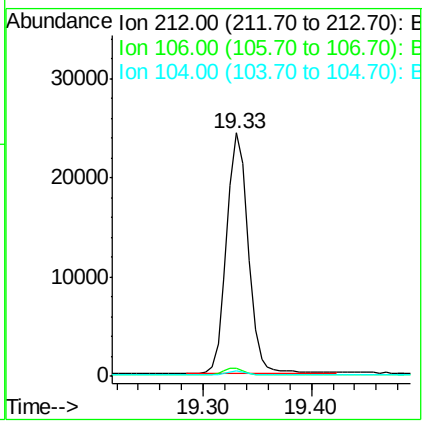


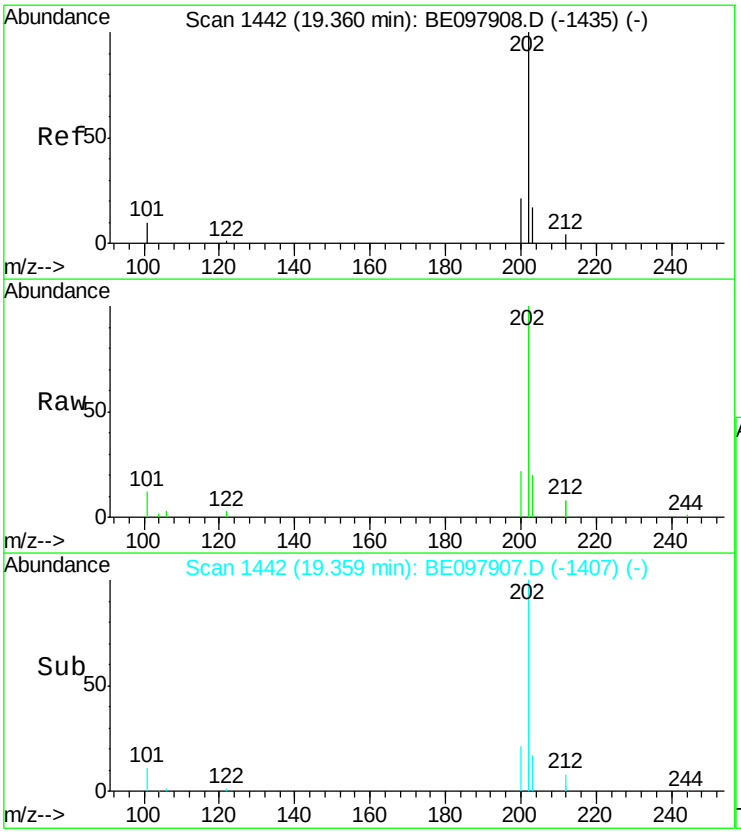
#25
Fluoranthene-d10
Concen: 0.226 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 33517

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.6	1.3	1.9

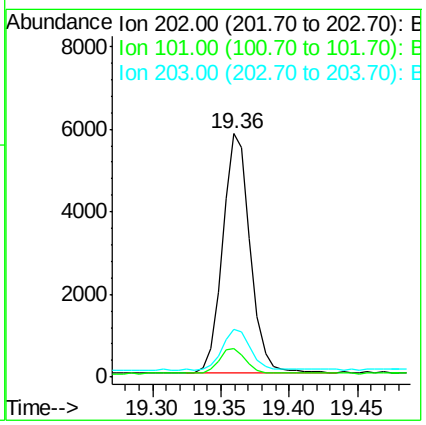


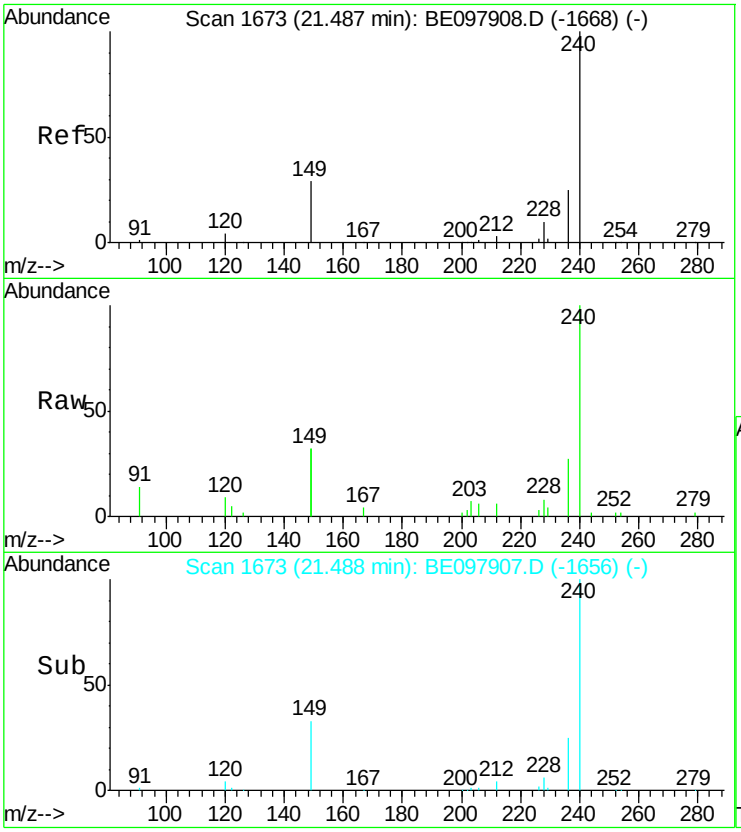


#26
Fluoranthene
Concen: 0.213 ng
RT: 19.36 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:202 Resp: 8204

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.2	12.2
203	17.9	15.0	22.4



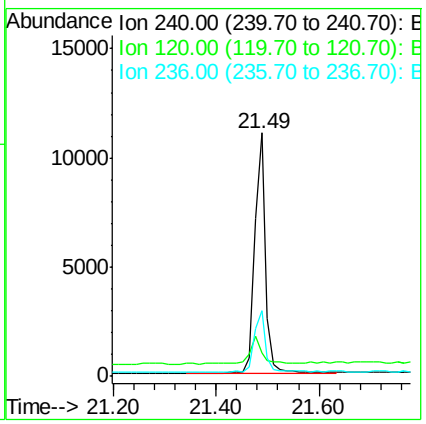


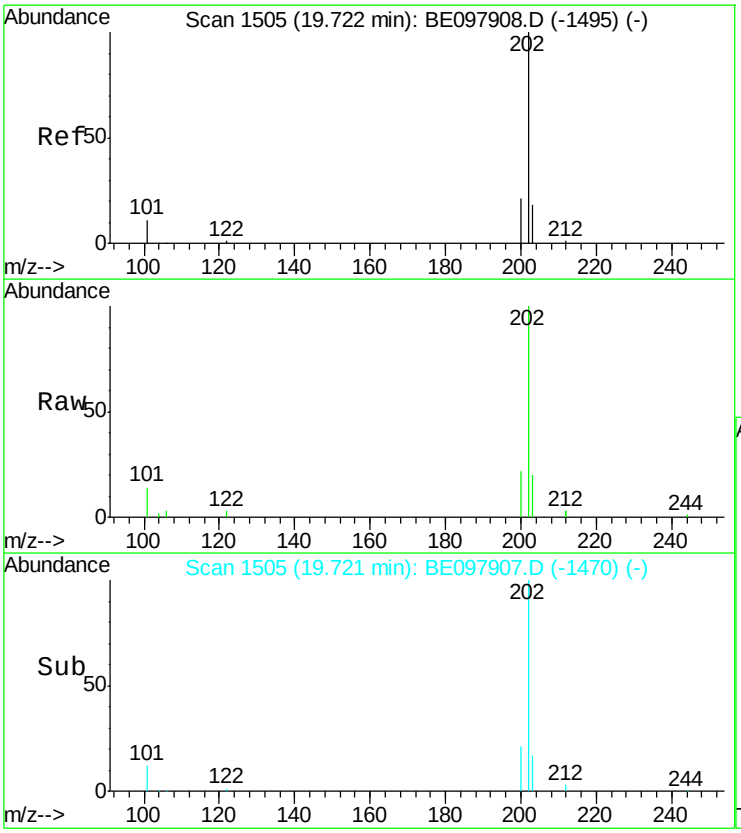
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 16373

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.1	10.7
236	27.0	21.3	31.9

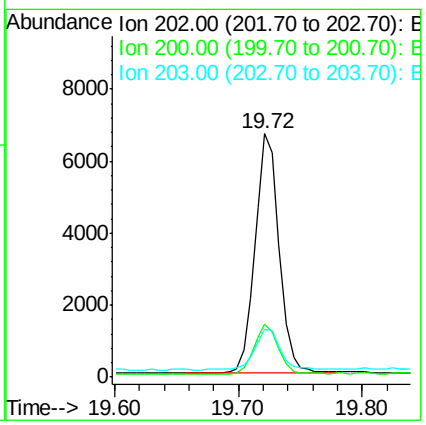


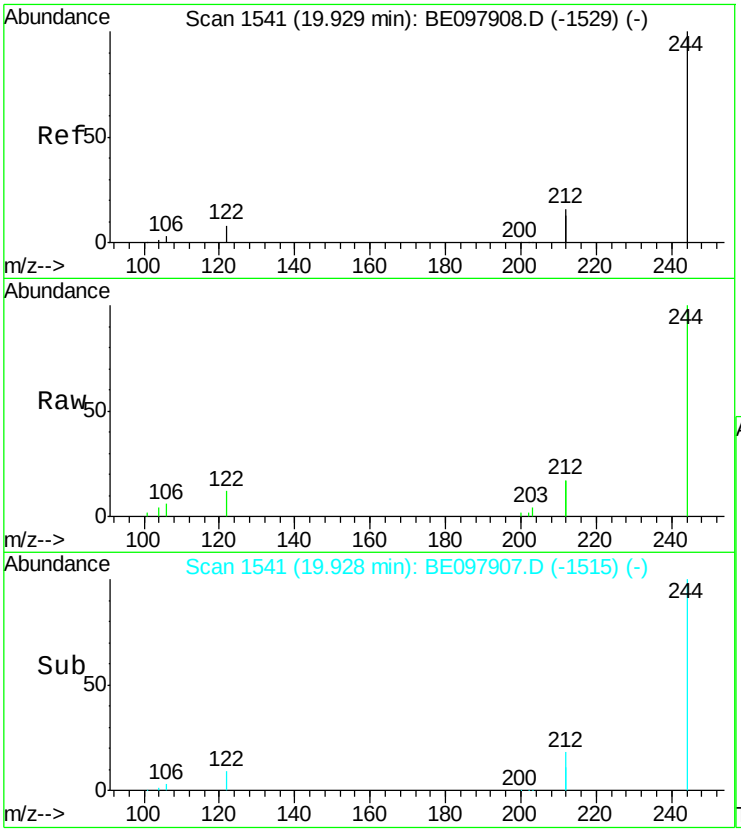


#28
Pyrene
Concen: 0.216 ng
RT: 19.72 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:202 Resp: 8991

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	18.9	14.2	21.4



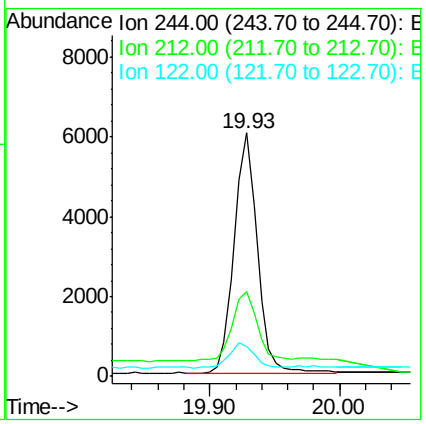


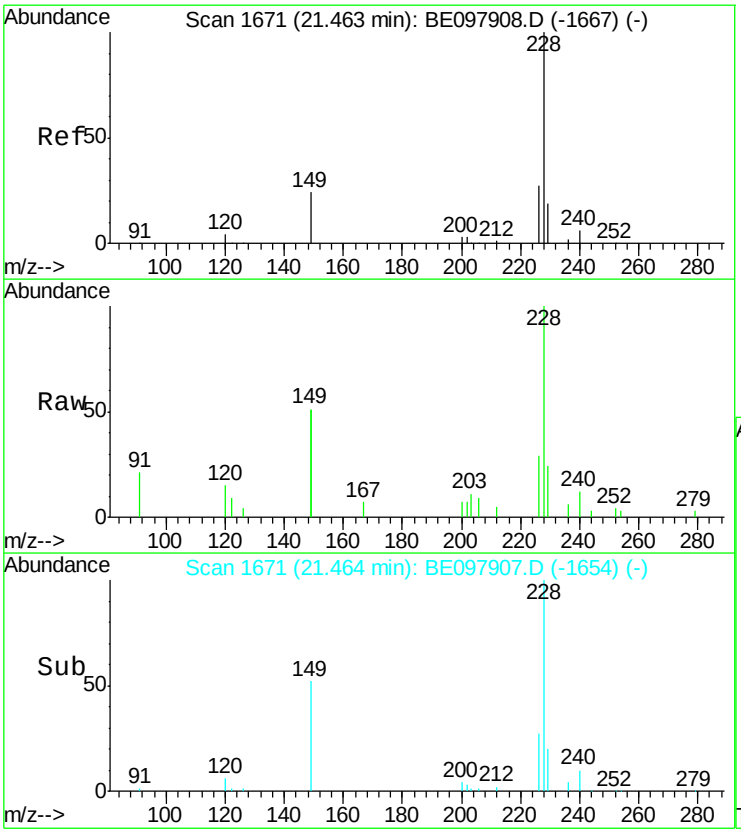
#29
Terphenyl-d14
Concen: 0.222 ng
RT: 19.93 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 7414

Ion	Ratio	Lower	Upper
244	100		
212	34.8	26.2	39.2
122	12.4	7.7	11.5#

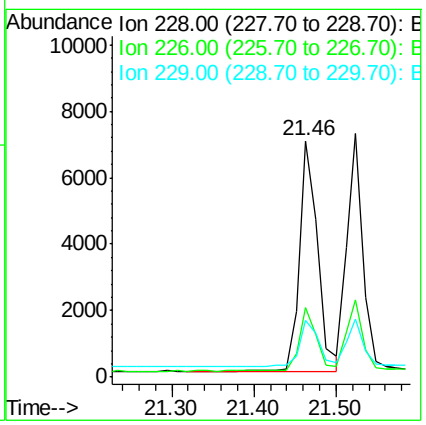


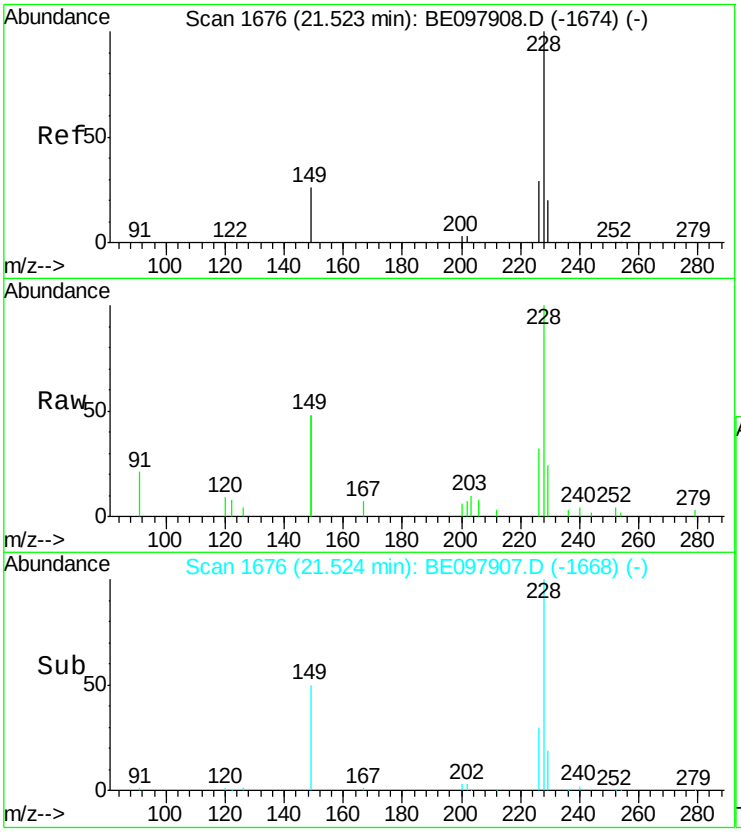


#30
Benzo(a)anthracene
Concen: 0.242 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:228 Resp: 10633

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	23.8	16.9	25.3



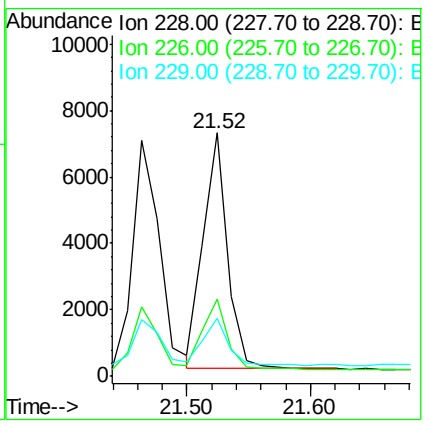


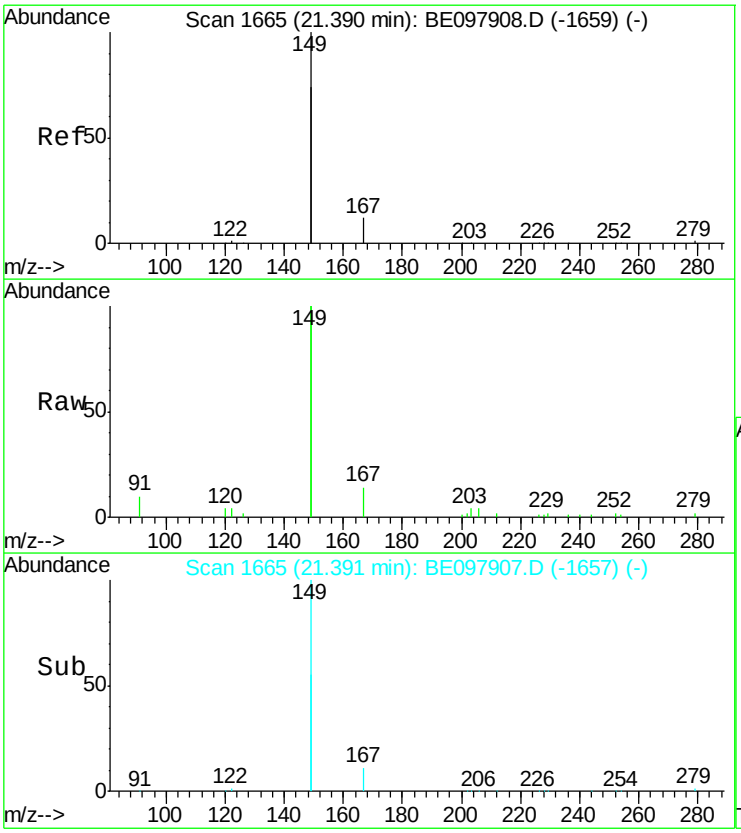
#31
Chrysene
Concen: 0.197 ng
RT: 21.52 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 9718

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.3	36.5
229	23.7	17.3	25.9

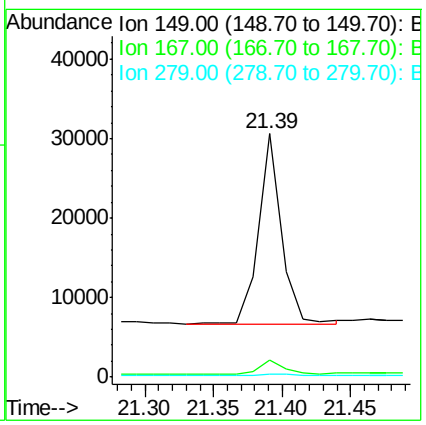


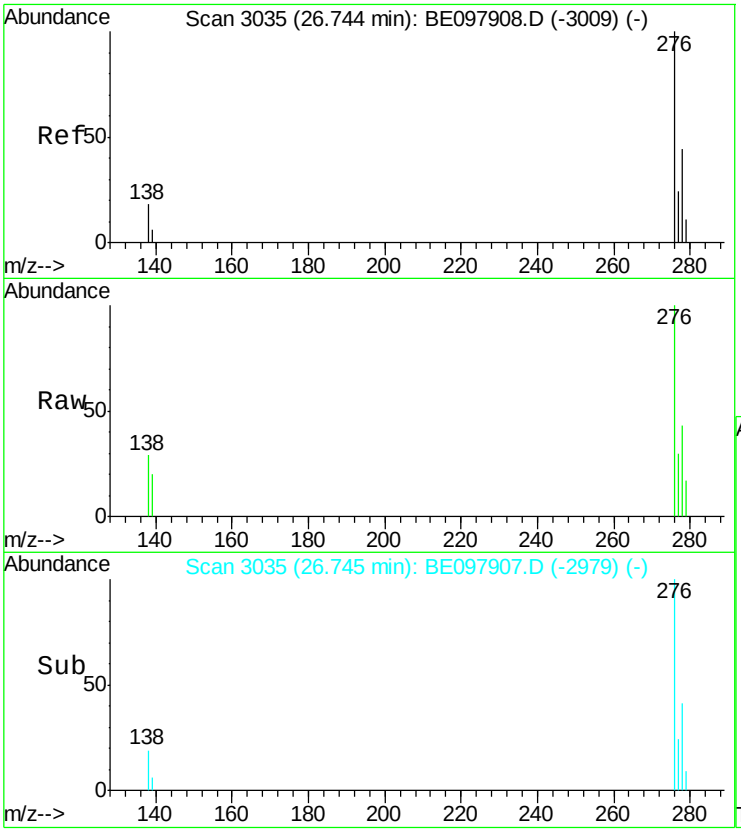


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.865 ng
RT: 21.39 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:149 Resp: 27861

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.6	8.4
279	1.2	0.9	1.3



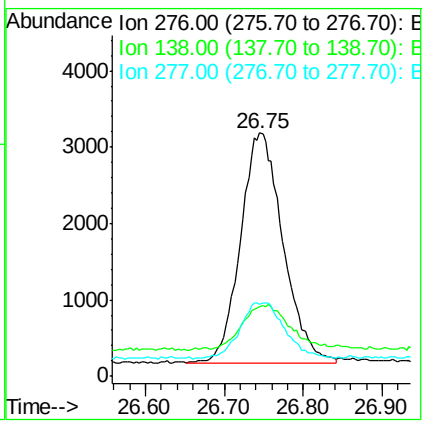


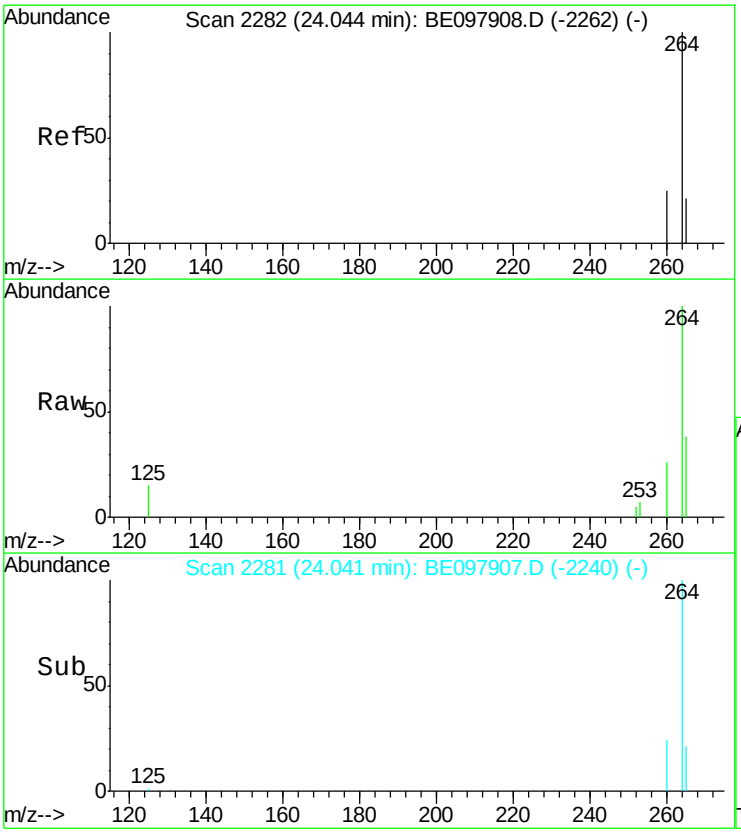
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.265 ng
RT: 26.75 min Scan# 3035
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 11341

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.0	25.6
277	25.4	20.5	30.7

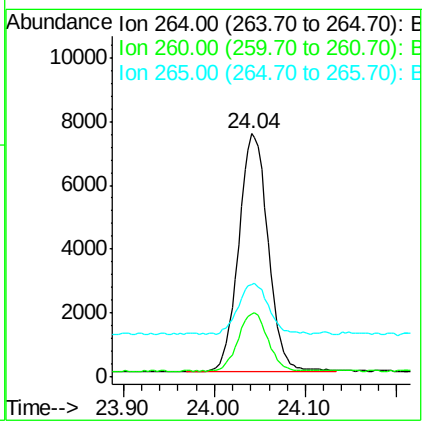


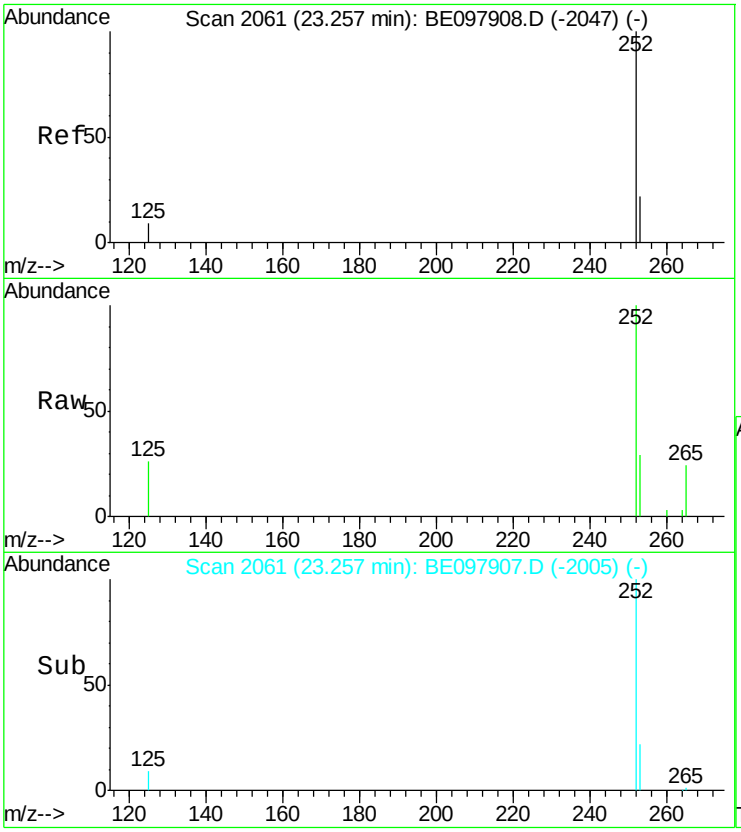


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:264 Resp: 16588

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.1	31.7
265	38.0	29.2	43.8



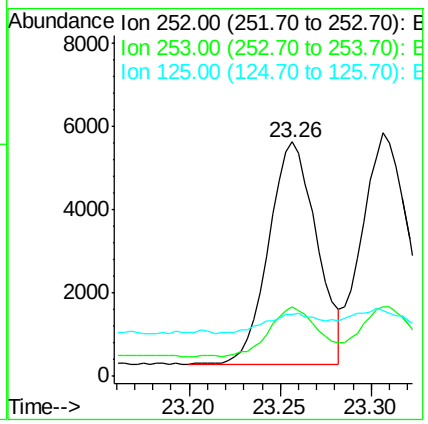


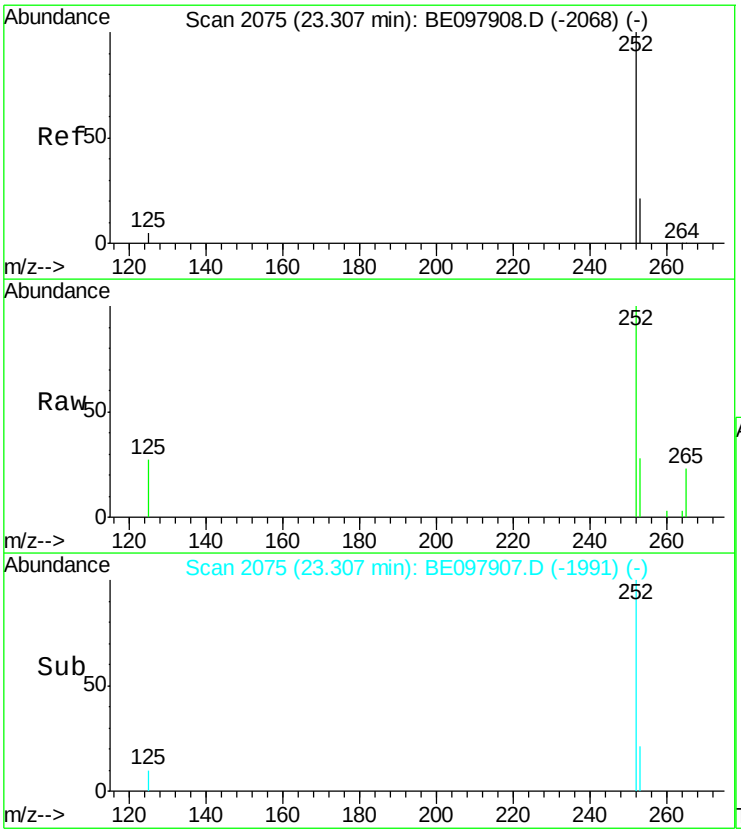
#35
Benzo(b)fluoranthene
Concen: 0.214 ng
RT: 23.26 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 9729

Ion	Ratio	Lower	Upper
252	100		
253	29.4	20.6	31.0
125	26.4	14.3	21.5#

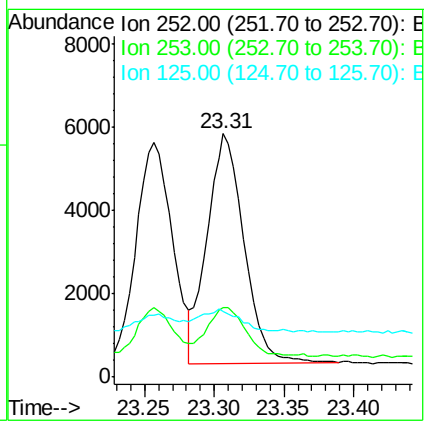


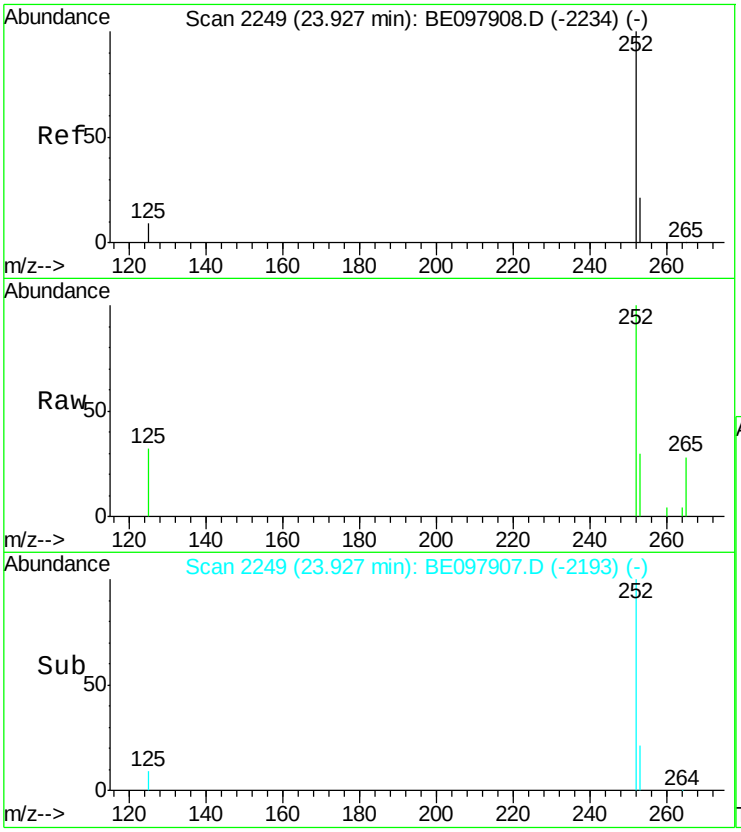


#36
Benzo(k)fluoranthene
Concen: 0.201 ng
RT: 23.31 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:252 Resp: 10162

Ion	Ratio	Lower	Upper
252	100		
253	28.3	20.4	30.6
125	27.0	14.6	21.8#



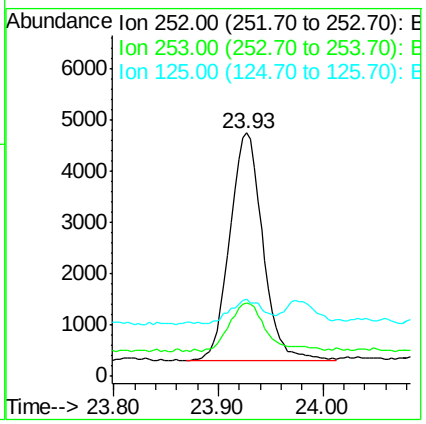


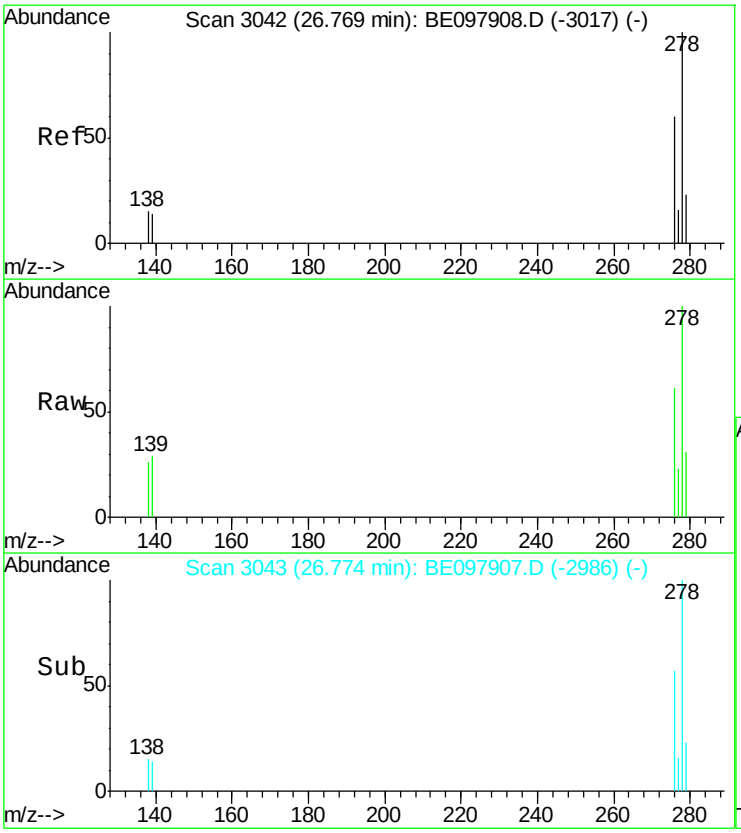
#37
Benzo(a)pyrene
Concen: 0.236 ng
RT: 23.93 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 9722

Ion	Ratio	Lower	Upper
252	100		
253	30.2	20.6	31.0
125	31.5	15.6	23.4#

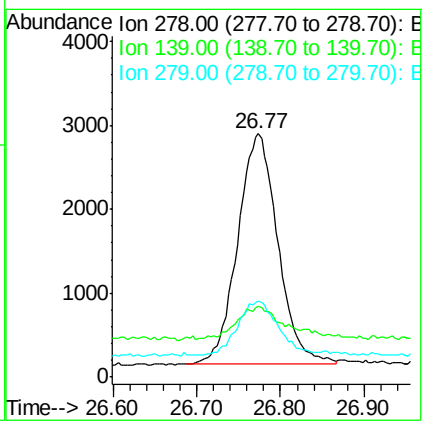


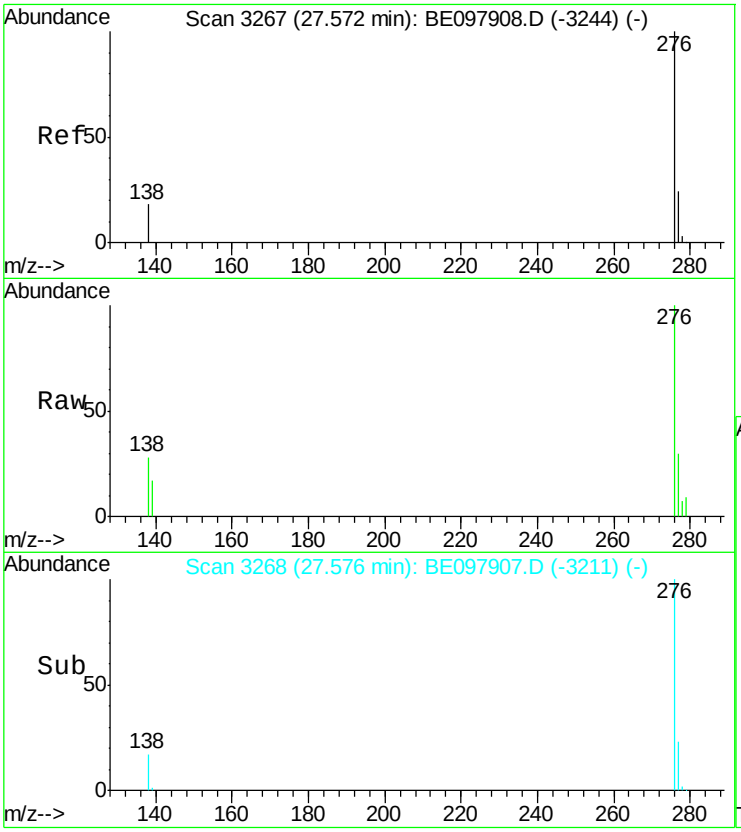


#38
Dibenzo(a,h)anthracene
Concen: 0.226 ng
RT: 26.77 min Scan# 3043
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:278 Resp: 9164

Ion	Ratio	Lower	Upper
278	100		
139	29.3	16.3	24.5#
279	31.1	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.226 ng
RT: 27.58 min Scan# 3268
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 9598

Ion	Ratio	Lower	Upper
276	100		
277	29.8	22.1	33.1
138	28.3	19.3	28.9