Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097909.D
Acq On : 16 Oct 2018 13:52
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Oct 16 14:26:57 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	7.89	152	1698	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	7963	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	5036	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	13078	0.40	ng		0.00
27) Chrysene-d12	21.49	240	15877	0.40	ng		0.00
34) Perylene-d12	24.04	264	15991	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	4235	1.05	ng		0.00
5) Phenol-d6	7.06	99	6227	1.01	ng		0.00
8) Nitrobenzene-d5	9.04	82	5872	2.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	10182	0.80	ng		0.00
14) 2,4,6-Tribromophenol	16.04	330	2128	2.33	ng		0.00
15) 2-Fluorobiphenyl	13.17	172	16056	0.72	ng		0.00
25) Fluoranthene-d10	19.33	212	135766	0.82	ng		0.00
29) Terphenyl-d14	19.92	244	27624	0.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	2429	0.718	ng		95
3) n-Nitrosodimethylamine	3.69	42	2542	0.826	ng		96
6) bis(2-Chloroethyl)ether	7.30	93	5295	0.831	ng		96
9) Naphthalene	10.74	128	62219	0.775	ng		100
10) Hexachlorobutadiene	11.03	225	3347	0.786	ng		98
12) 2-Methylnaphthalene	12.37	142	10635	0.828	ng		98
16) Acenaphthylene	14.27	152	18543	0.831	ng		99
17) Acenaphthene	14.61	154	11223	0.786	ng		99
18) Fluorene	15.59	166	15360	0.810	ng		99
20) 4-Bromophenyl-phenylether	16.49	248	5781	0.843	ng		94
21) Hexachlorobenzene	16.60	284	5648	0.732	ng		100
22) Pentachlorophenol	16.95	266	1479	1.221	ng		95
23) Phenanthrene	17.34	178	26228	0.778	ng		99
24) Anthracene	17.43	178	24884	0.855	ng		99
26) Fluoranthene	19.36	202	33188	0.773	ng		98
28) Pyrene	19.72	202	35302	0.875	ng		99
30) Benzo(a)anthracene	21.46	228	38465	0.901	ng		98
31) Chrysene	21.52	228	36115	0.757	ng		99
32) Bis(2-ethylhexyl)phthalate	21.39	149	91729	2.938	ng		100
33) Indeno(1,2,3-cd)pyrene	26.74	276	41437	1.000	ng		99
35) Benzo(b)fluoranthene	23.26	252	35337	0.805	ng	#	93
36) Benzo(k)fluoranthene	23.31	252	37481	0.770	ng	#	92
37) Benzo(a)pyrene	23.92	252	35286	0.888	ng	#	93
38) Dibenzo(a,h)anthracene	26.77	278	34501	0.882	ng		95
39) Benzo(g,h,i)perylene	27.57	276	34496	0.842	ng		94

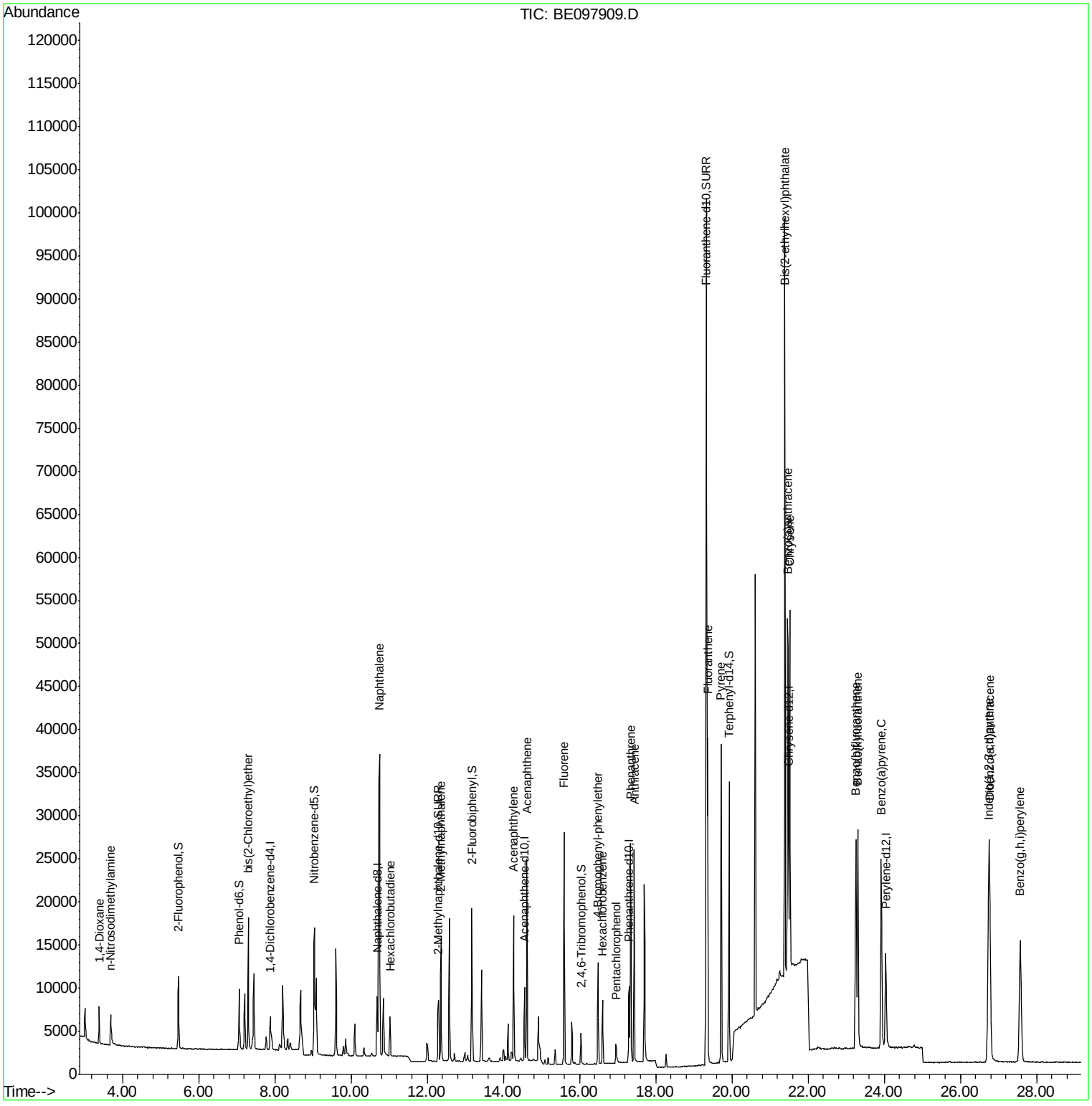
(#) = qualifier out of range (m) = manual integration (+) = signals summed

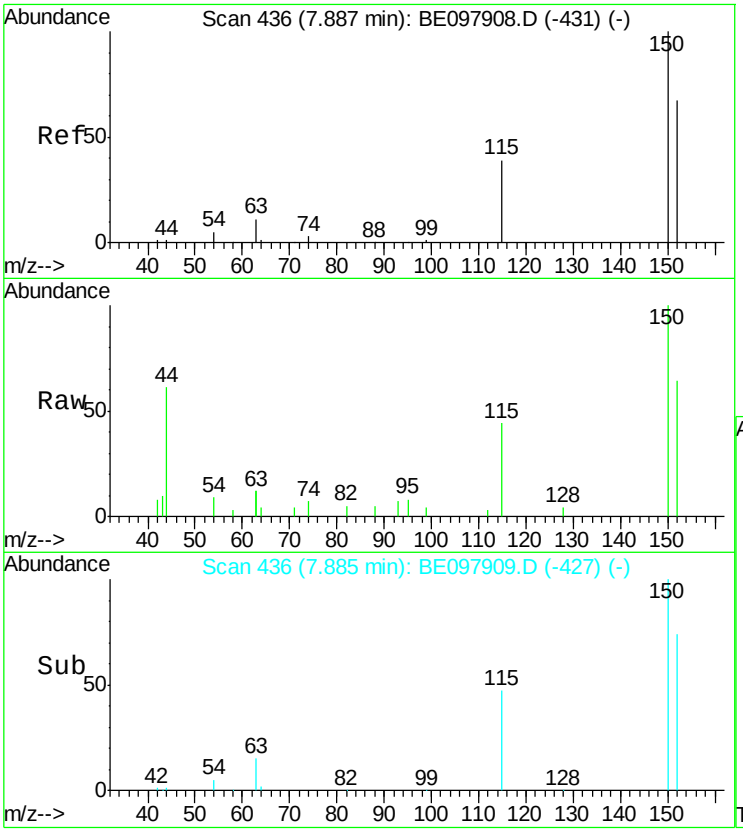
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097909.D
Acq On : 16 Oct 2018 13:52
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 16 14:26:57 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



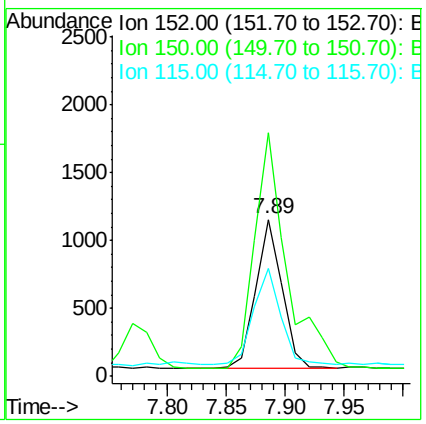


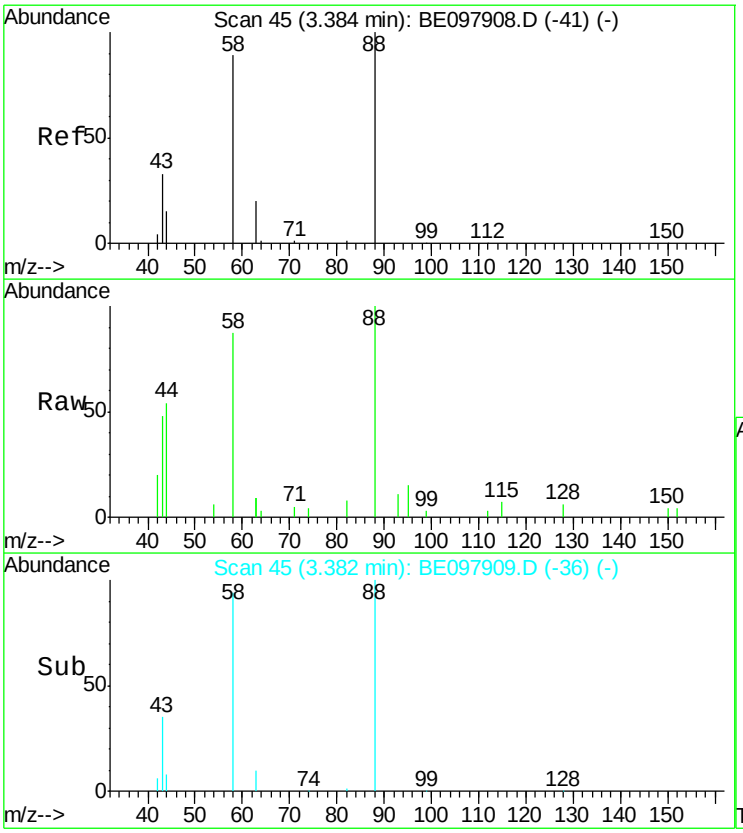
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1698

Ion	Ratio	Lower	Upper
152	100		
150	155.2	118.2	177.4
115	68.7	50.9	76.3

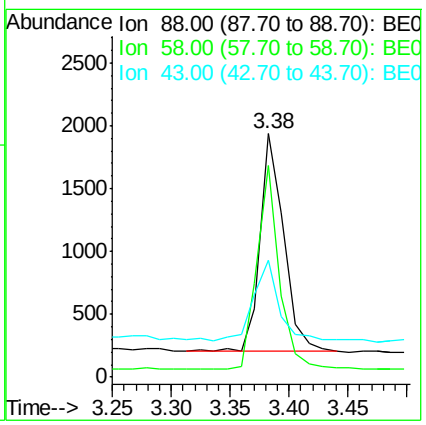


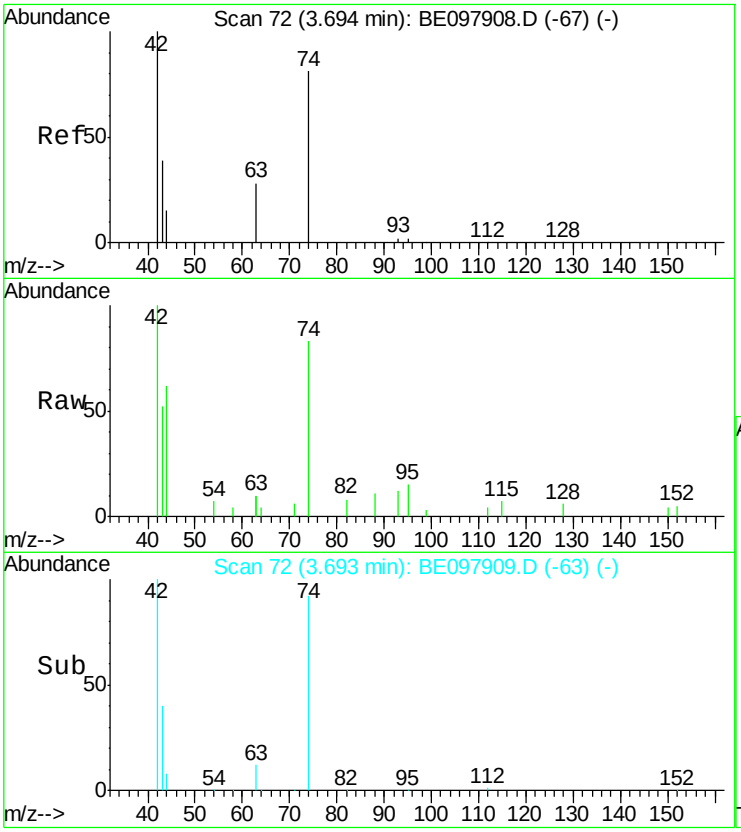


#2
1,4-Dioxane
Concen: 0.718 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion: 88 Resp: 2429

Ion	Ratio	Lower	Upper
88	100		
58	89.2	73.2	109.8
43	39.4	36.9	55.3



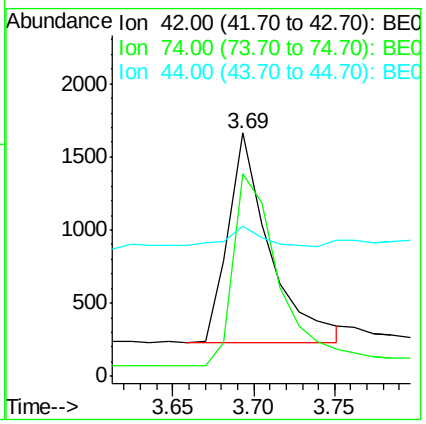


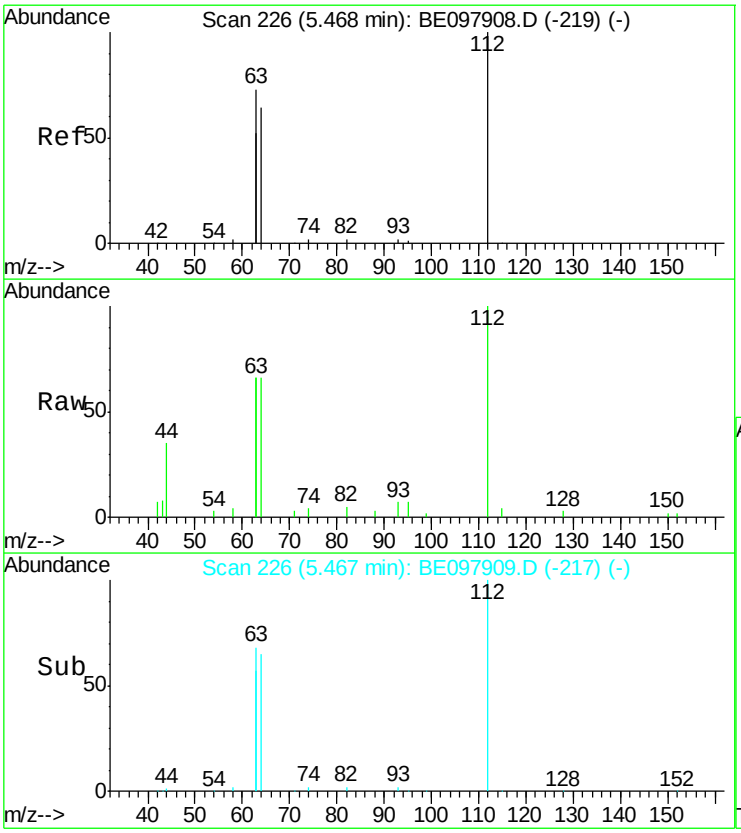
#3
n-Nitrosodimethylamine
Concen: 0.826 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 2542

Ion	Ratio	Lower	Upper
42	100		
74	100.8	77.6	116.4
44	9.3	7.6	11.4

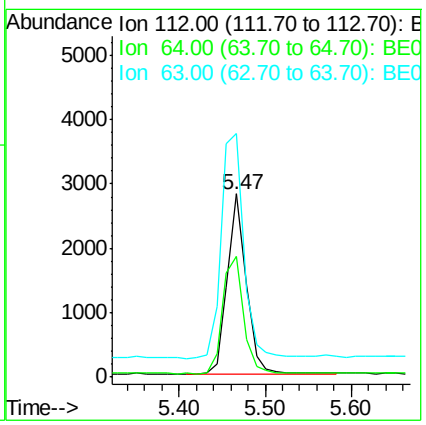


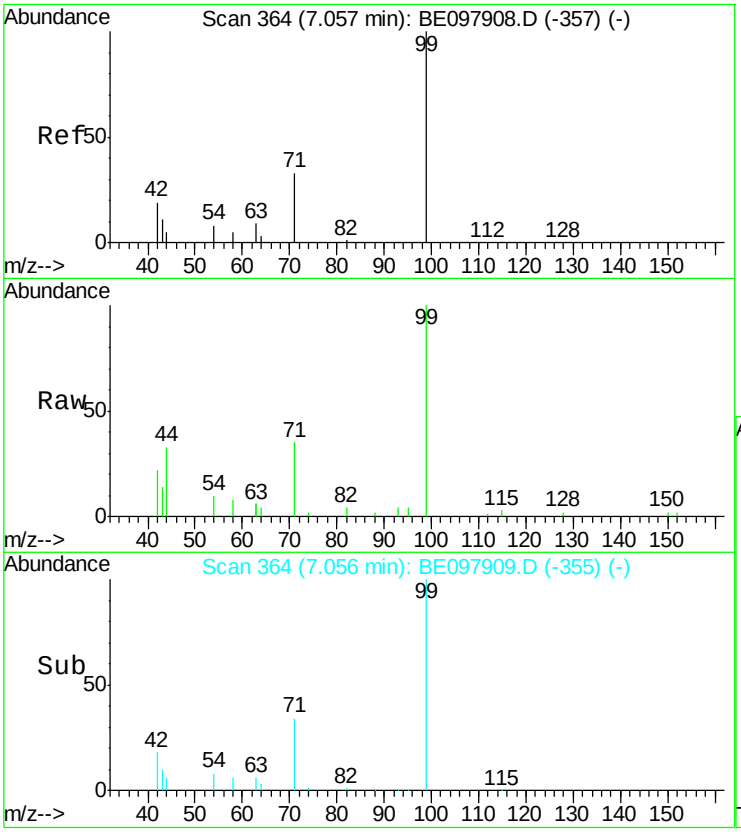


#4
2-Fluorophenol
Concen: 1.054 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:112 Resp: 4235

Ion	Ratio	Lower	Upper
112	100		
64	74.0	58.9	88.3
63	149.8	120.3	180.5



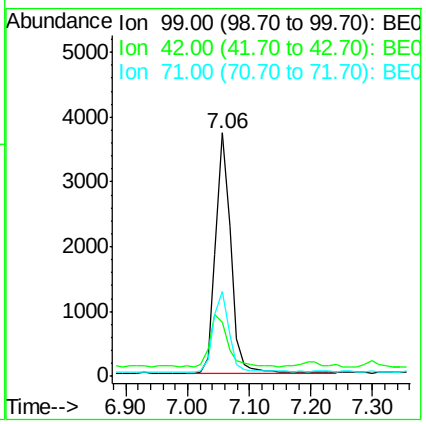


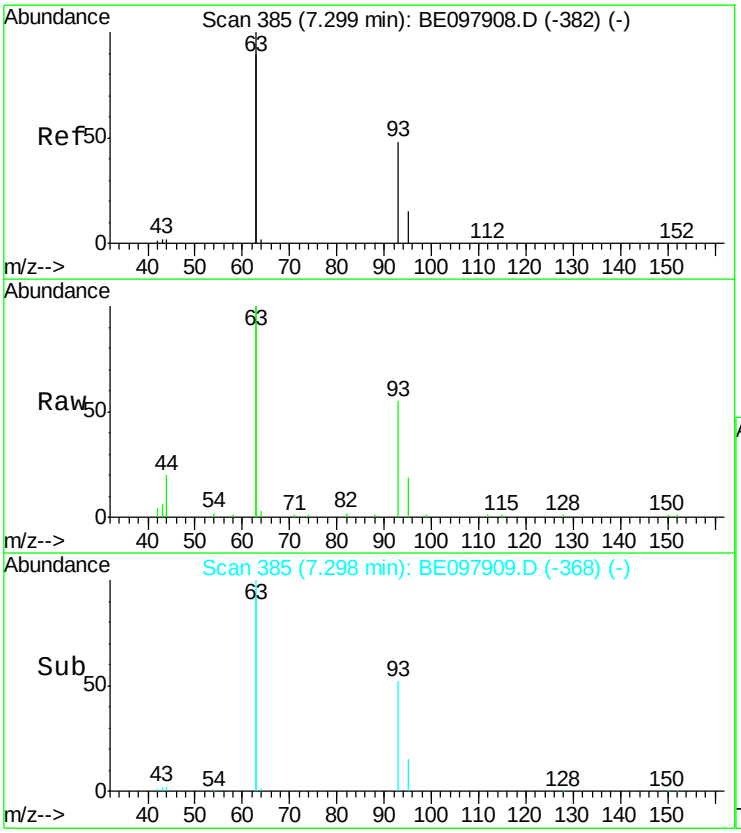
#5
Phenol-d6
Concen: 1.011 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 6227

Ion	Ratio	Lower	Upper
99	100		
42	25.4	19.9	29.9
71	35.5	27.8	41.8

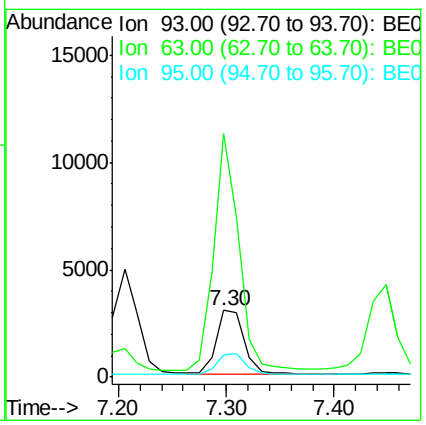


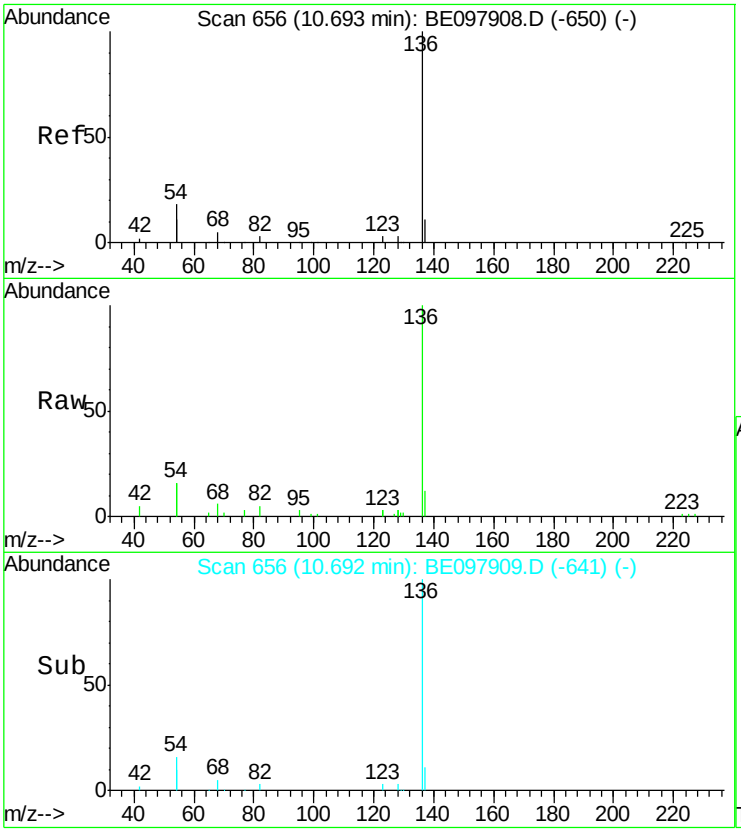


#6
bis(2-Chloroethyl)ether
Concen: 0.831 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion: 93 Resp: 5295

Ion	Ratio	Lower	Upper
93	100		
63	332.1	259.0	388.4
95	32.9	27.8	41.8



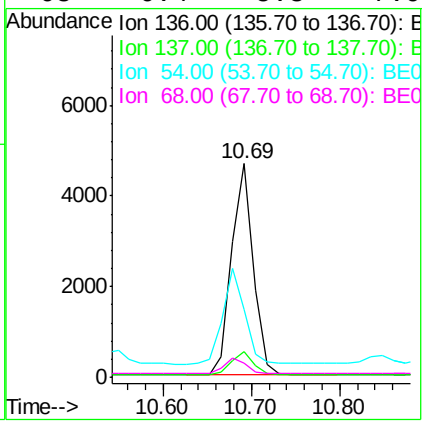


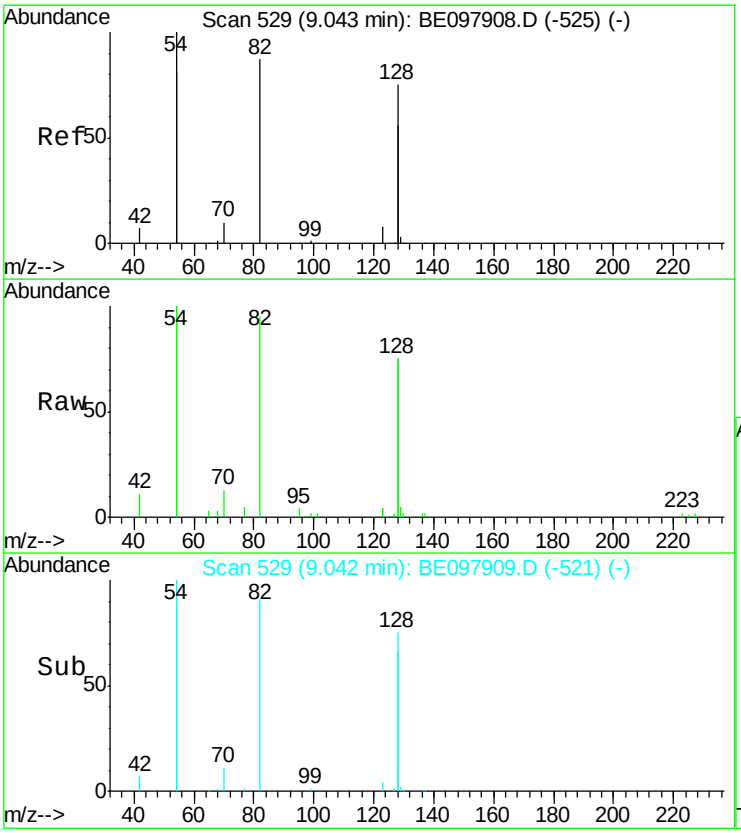
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 7963

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	32.0	27.7	41.5
68	6.4	5.3	7.9

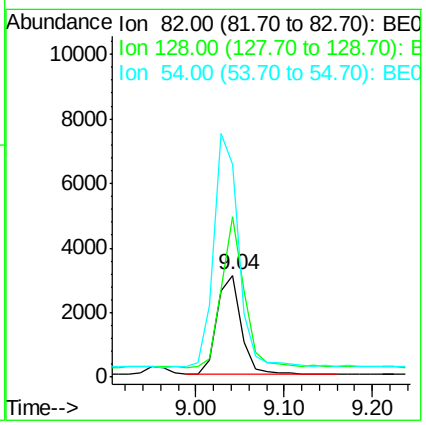


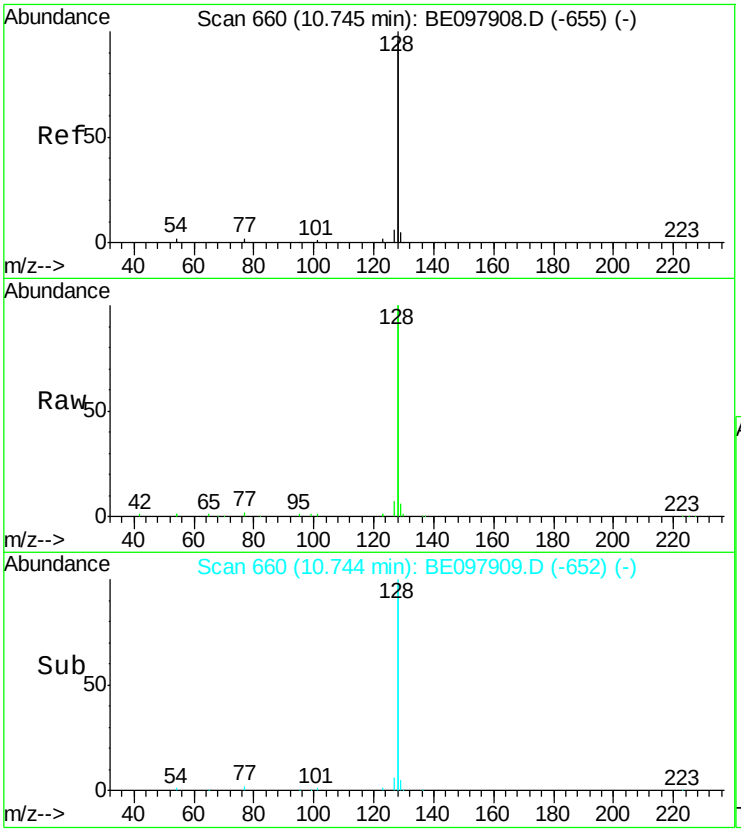


#8
Nitrobenzene-d5
Concen: 2.271 ng
RT: 9.04 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion: 82 Resp: 5872

Ion	Ratio	Lower	Upper
82	100		
128	157.5	129.9	194.9
54	209.5	174.0	261.0



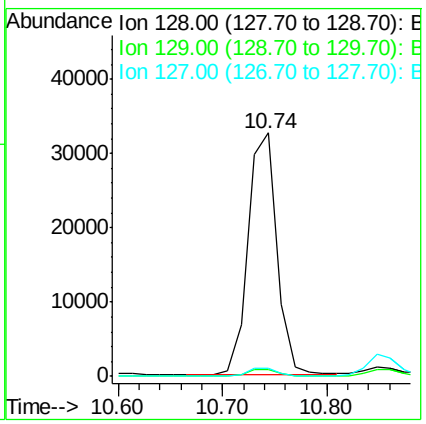


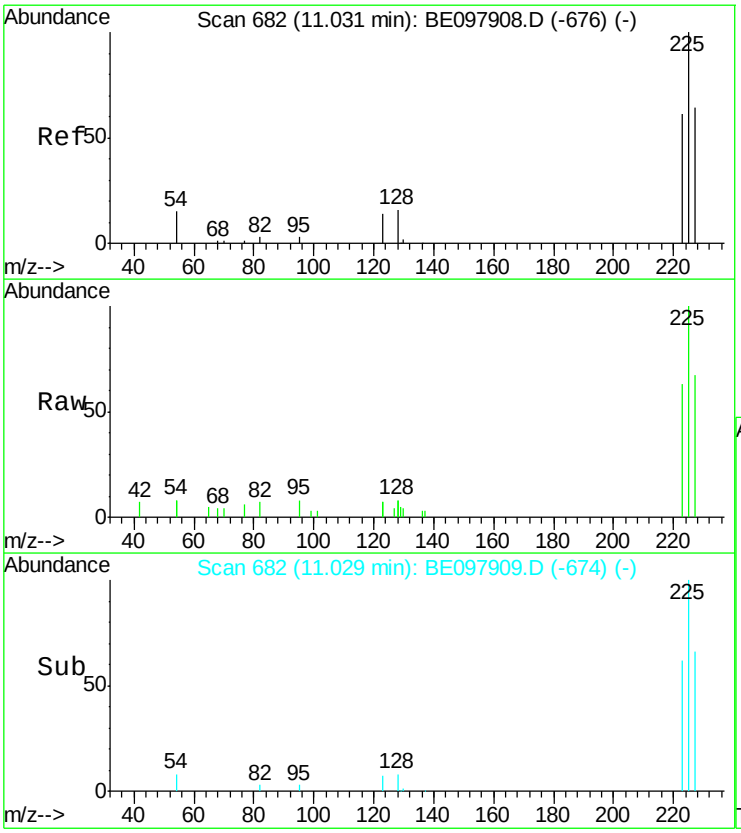
#9
Naphthalene
Concen: 0.775 ng
RT: 10.74 min Scan# 660
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 62219

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.3	2.8	4.2

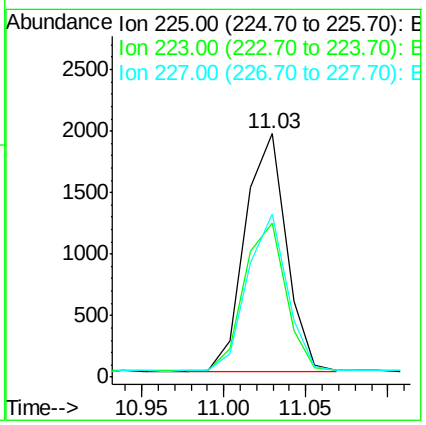


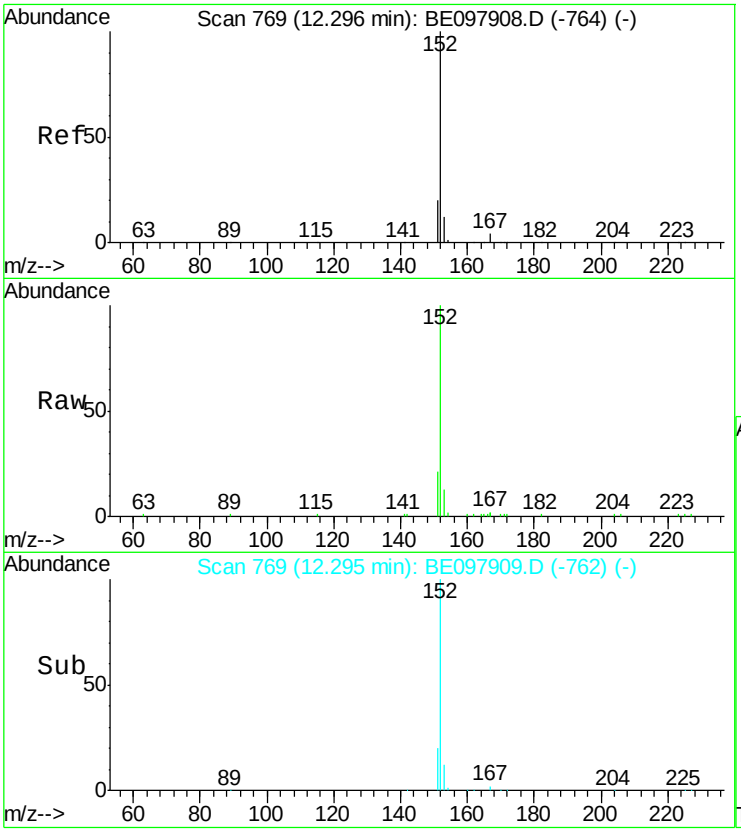


#10
Hexachlorobutadiene
Concen: 0.786 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:225 Resp: 3347

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.8	77.8
227	64.6	53.0	79.6



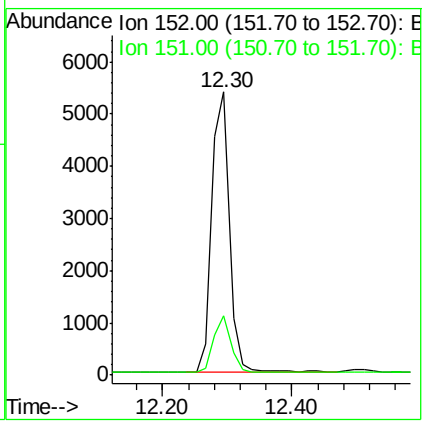


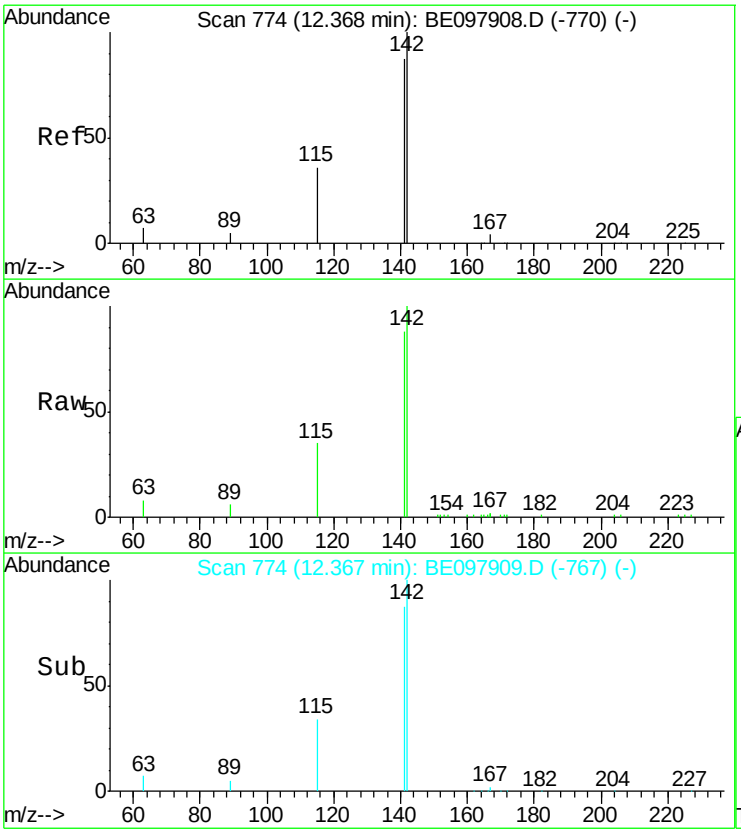
#11
2-Methylnaphthalene-d10
Concen: 0.804 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 10182

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4

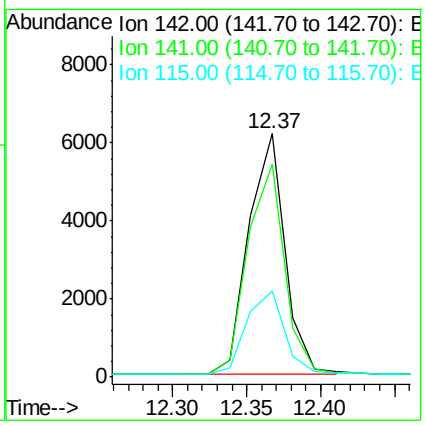


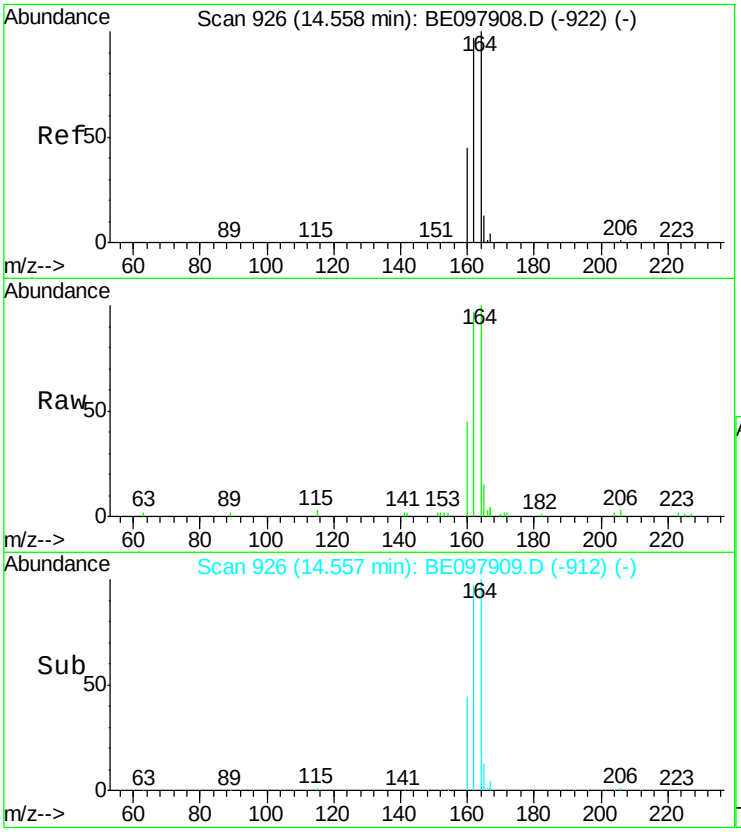


#12
2-Methylnaphthalene
Concen: 0.828 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:142 Resp: 10635

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.8	104.6
115	35.3	30.5	45.7



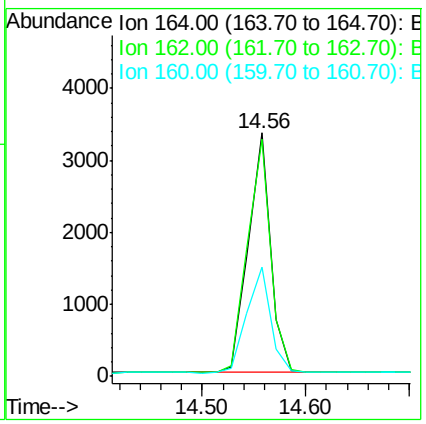


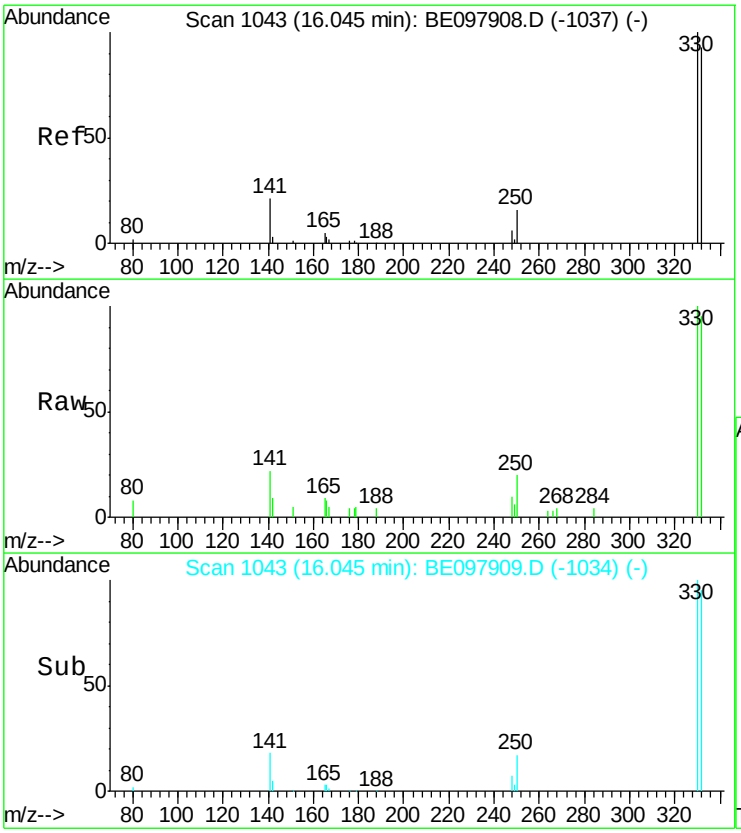
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 5036

Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.4	116.2
160	44.7	36.5	54.7

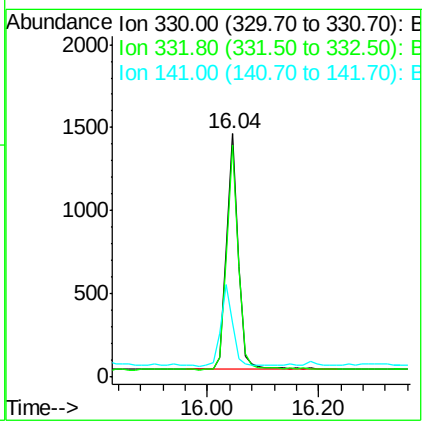


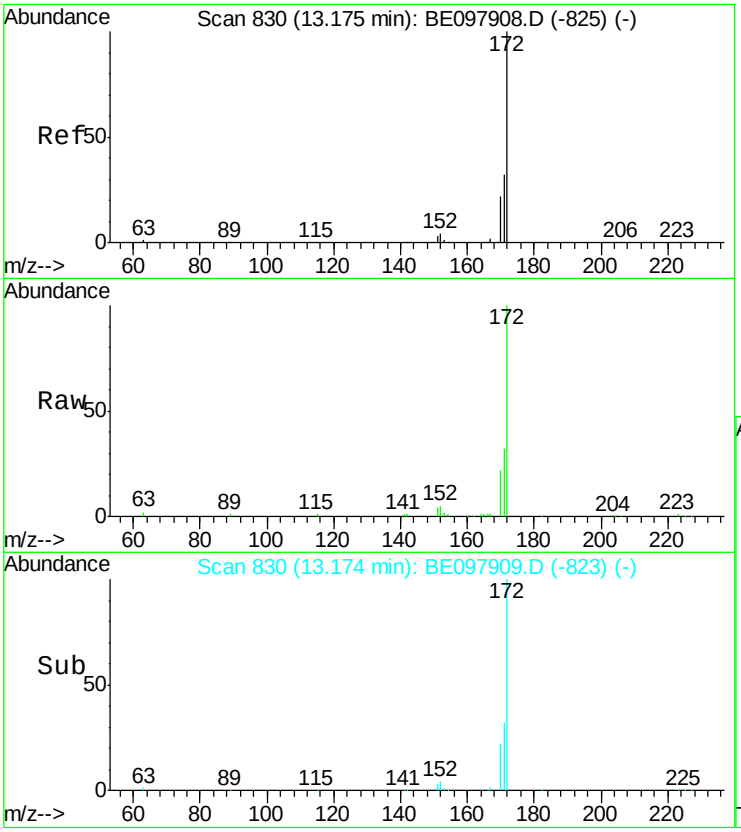


#14
2,4,6-Tribromophenol
Concen: 2.331 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:330 Resp: 2128

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.5	114.7
141	36.2	31.8	47.6



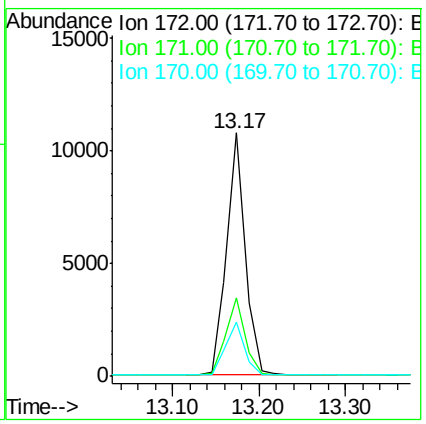


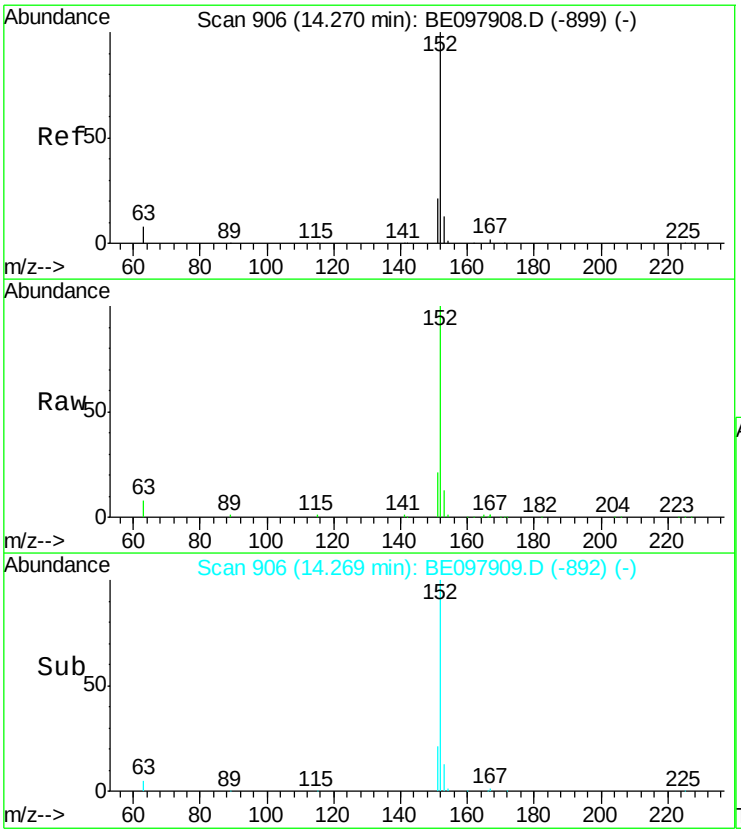
#15
2-Fluorobiphenyl
Concen: 0.724 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 16056

Ion	Ratio	Lower	Upper
172	100		
171	32.3	26.0	39.0
170	22.0	18.0	27.0

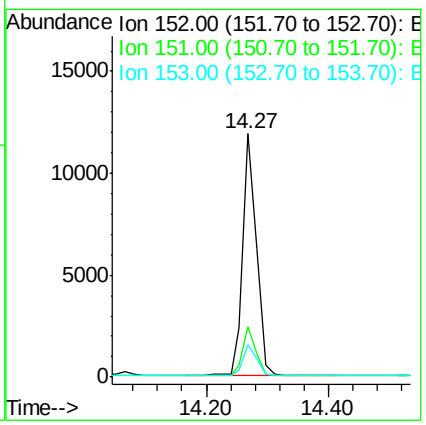


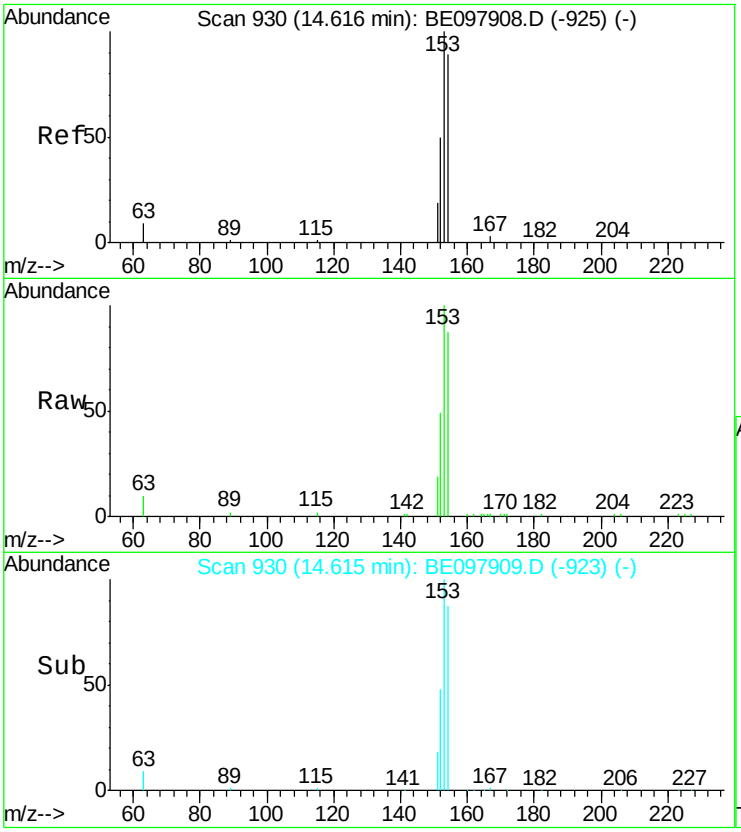


#16
Acenaphthylene
Concen: 0.831 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:152 Resp: 18543

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.1	10.9	16.3



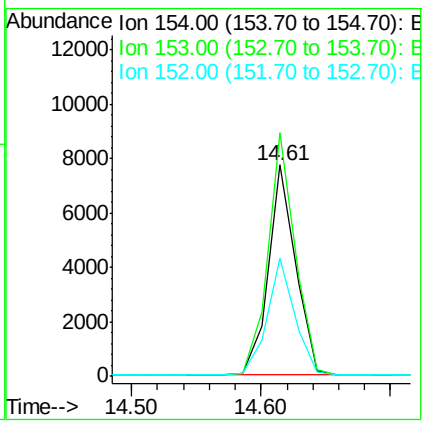


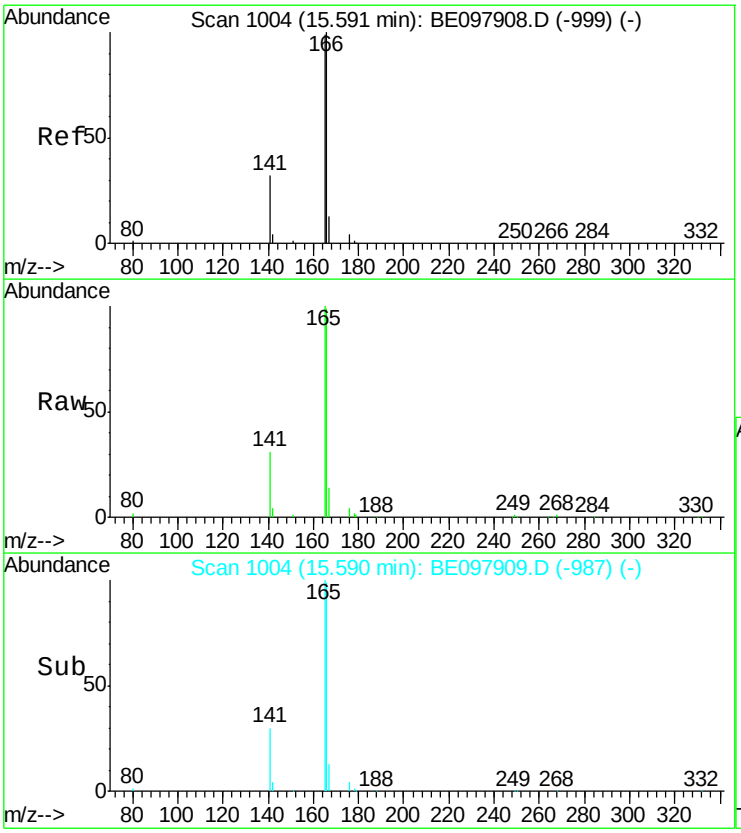
#17
Acenaphthene
Concen: 0.786 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 11223

Ion	Ratio	Lower	Upper
154	100		
153	115.1	92.6	139.0
152	56.0	45.5	68.3

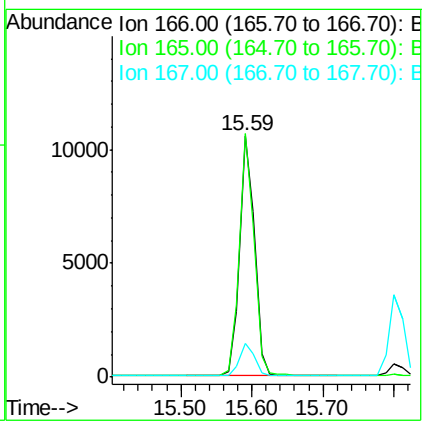


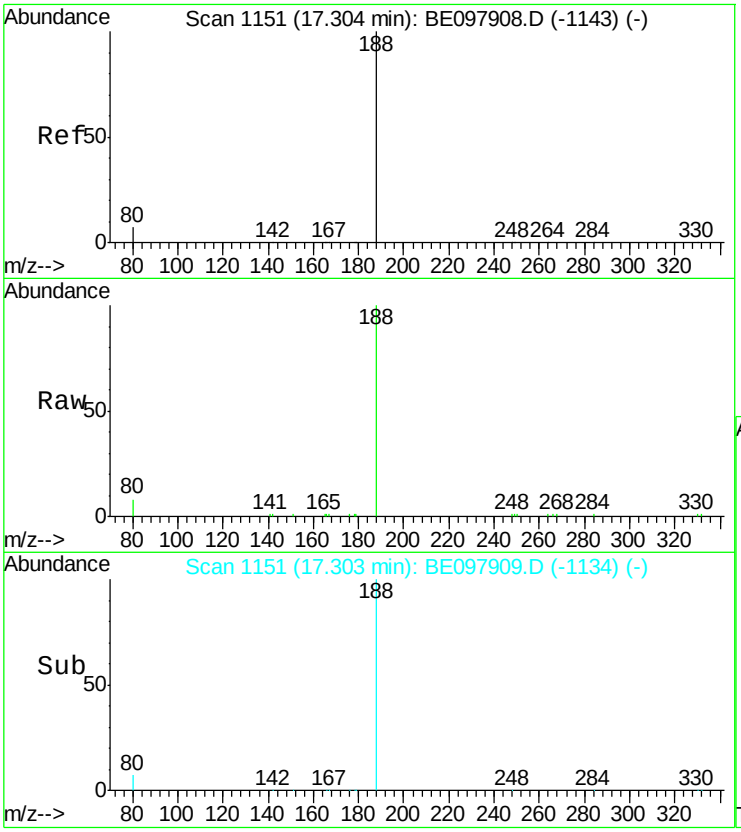


#18
Fluorene
Concen: 0.810 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:166 Resp: 15360

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.2	117.4
167	13.6	11.0	16.6



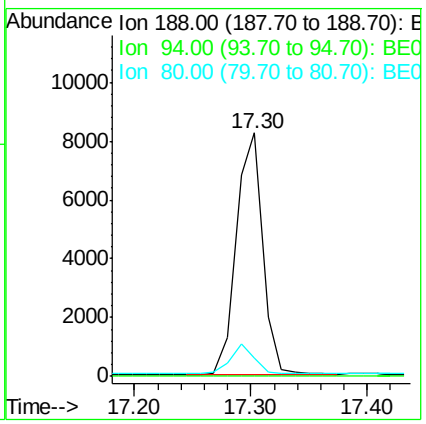


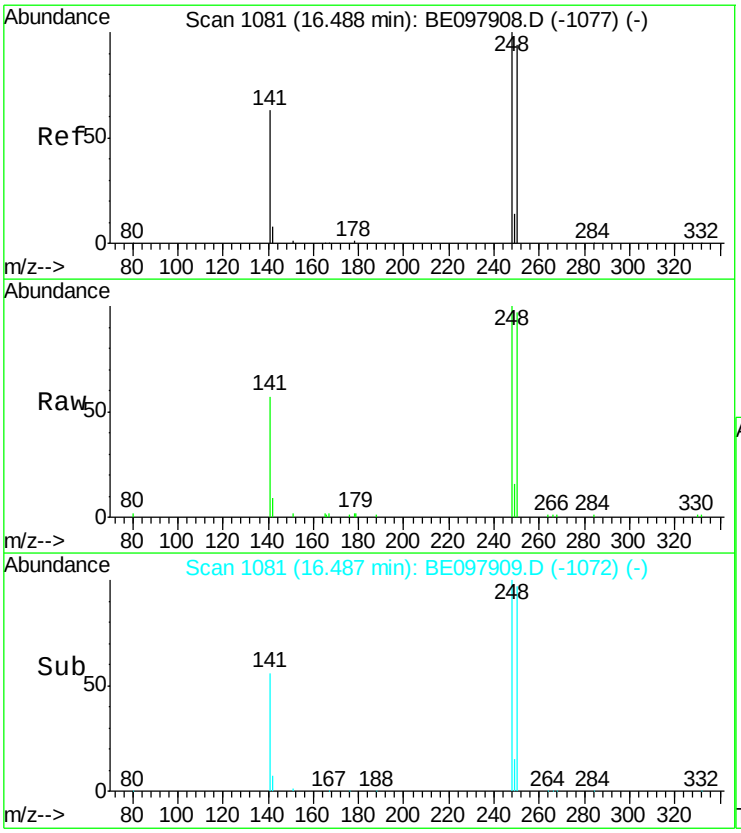
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 13078

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.3	9.5

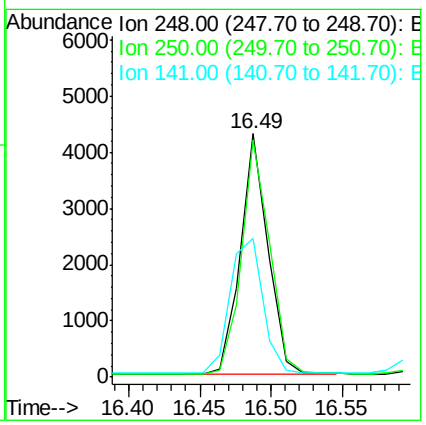


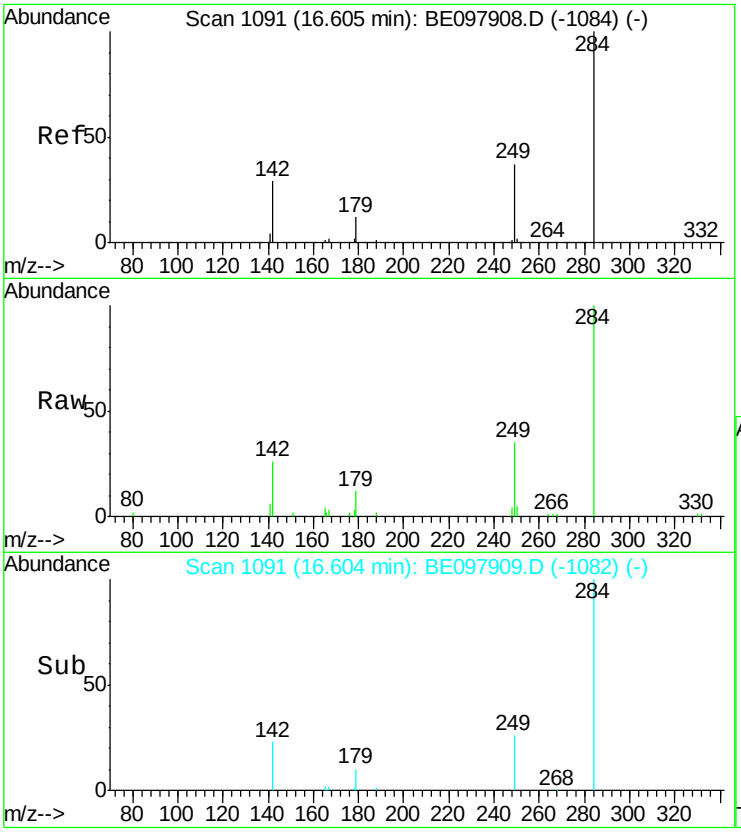


#20
4-Bromophenyl-phenylether
Concen: 0.843 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:248 Resp: 5781

Ion	Ratio	Lower	Upper
248	100		
250	97.4	75.1	112.7
141	56.8	51.8	77.8



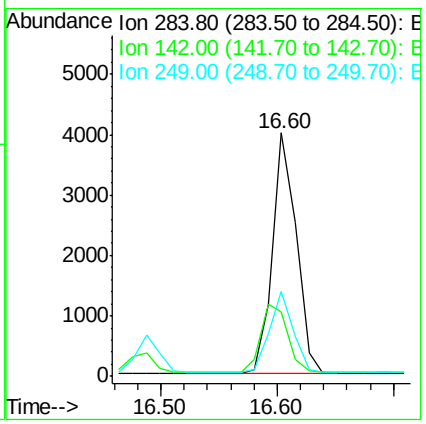


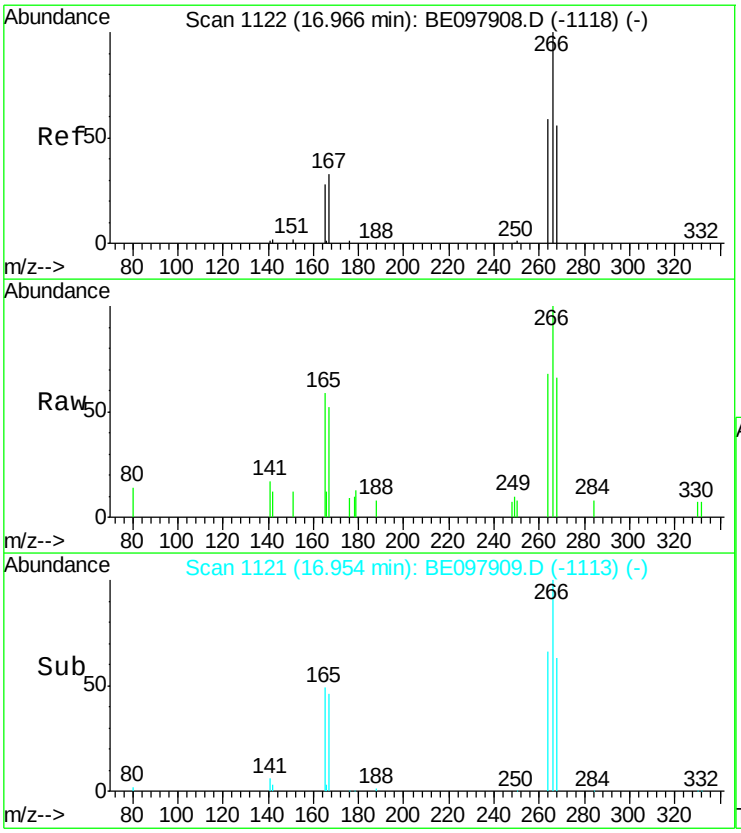
#21
Hexachlorobenzene
Concen: 0.732 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 5648

Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.9	38.9
249	33.7	26.6	40.0

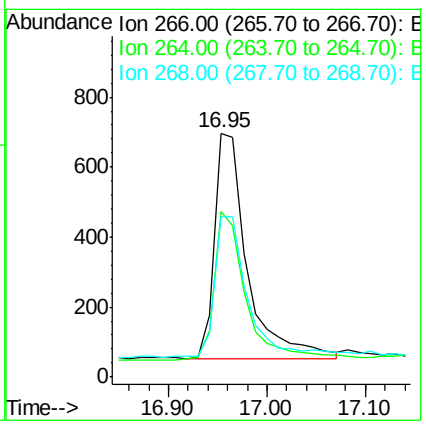


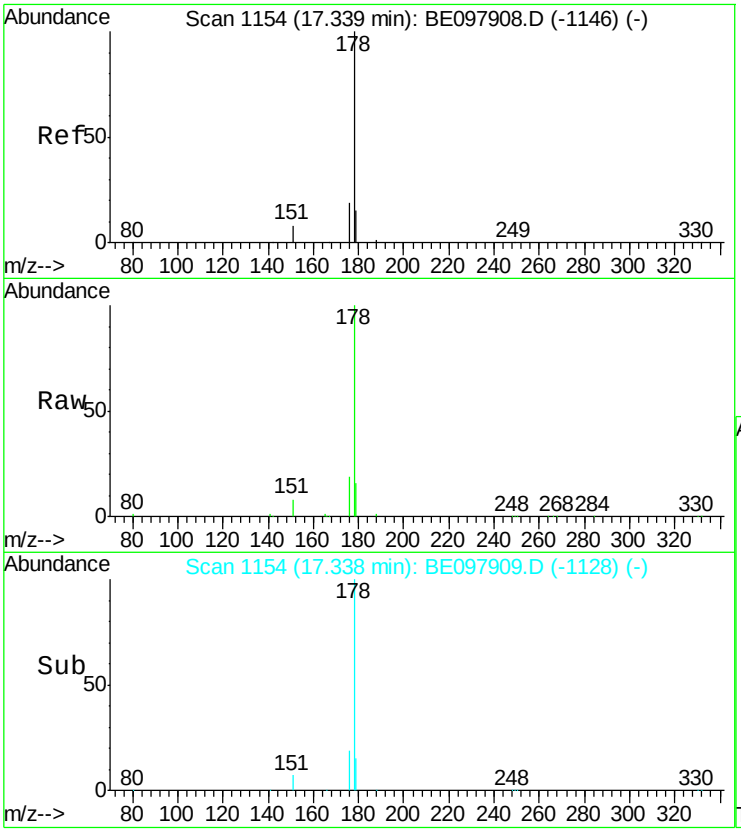


#22
Pentachlorophenol
Concen: 1.221 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:266 Resp: 1479

Ion	Ratio	Lower	Upper
266	100		
264	68.0	51.3	76.9
268	65.8	50.1	75.1



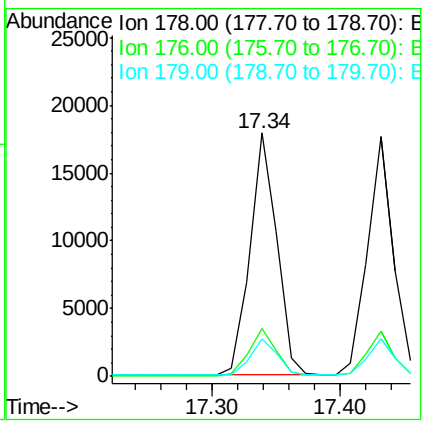


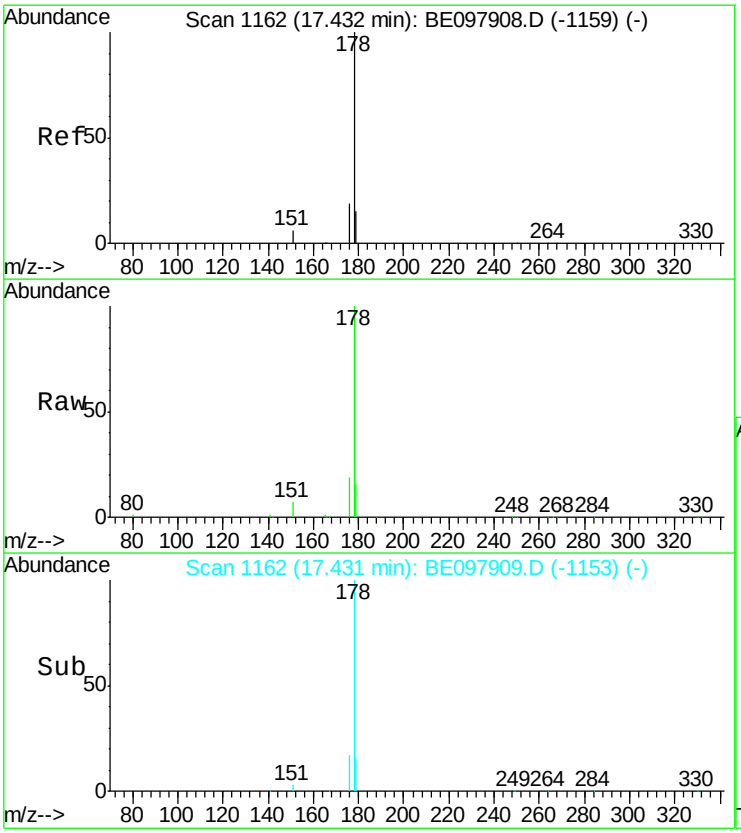
#23
Phenanthrene
Concen: 0.778 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 26228

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.4	12.2	18.4

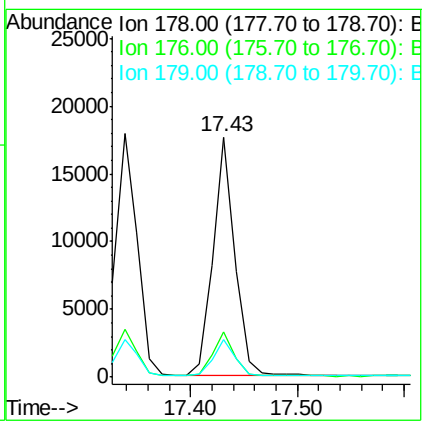


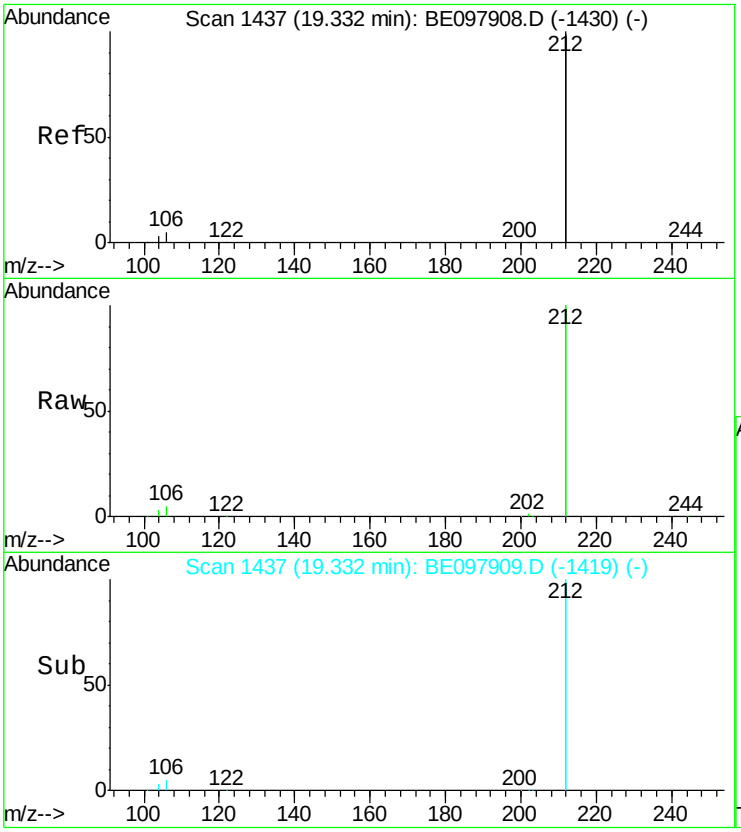


#24
Anthracene
Concen: 0.855 ng
RT: 17.43 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:178 Resp: 24884

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.5	11.9	17.9



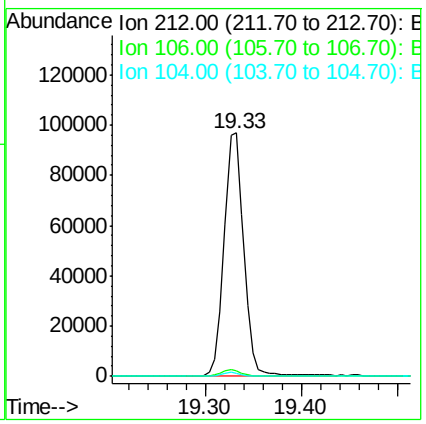


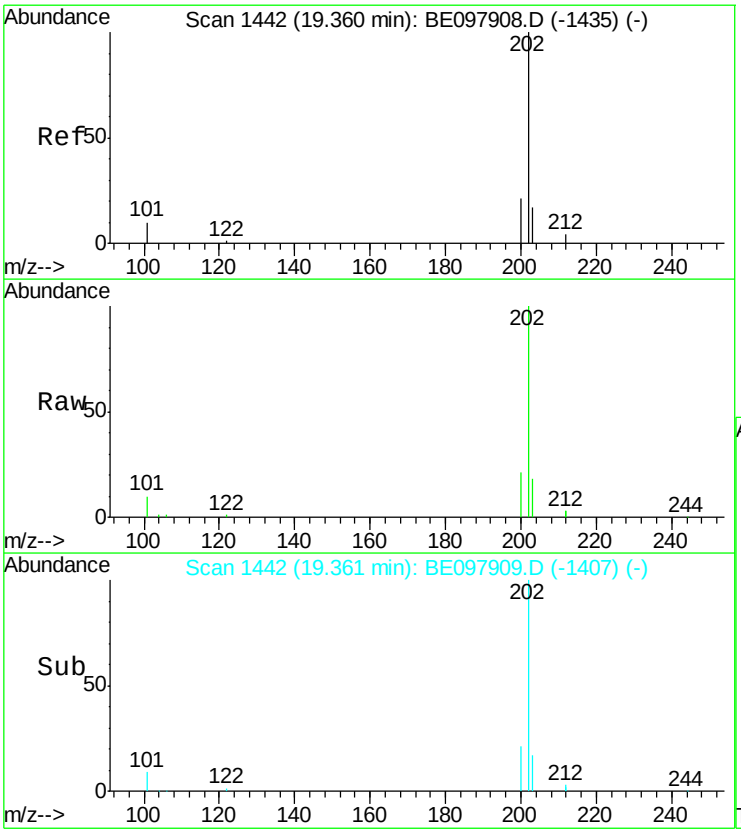
#25
Fluoranthene-d10
Concen: 0.820 ng
RT: 19.33 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 135766

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9

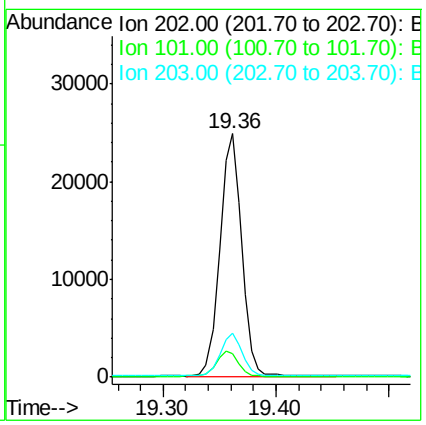


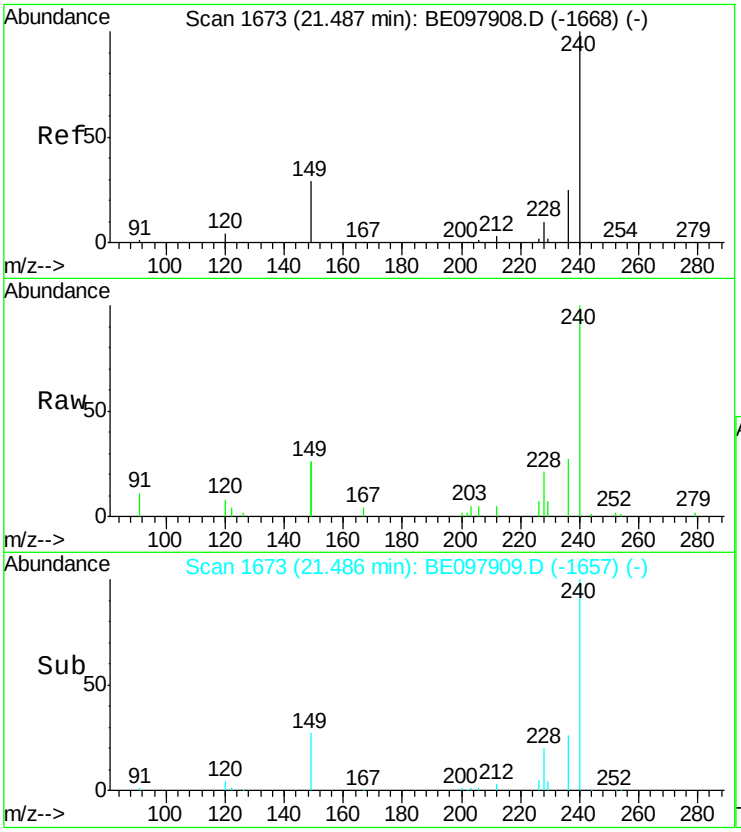


#26
Fluoranthene
Concen: 0.773 ng
RT: 19.36 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:202 Resp: 33188

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.2	12.2
203	17.5	15.0	22.4



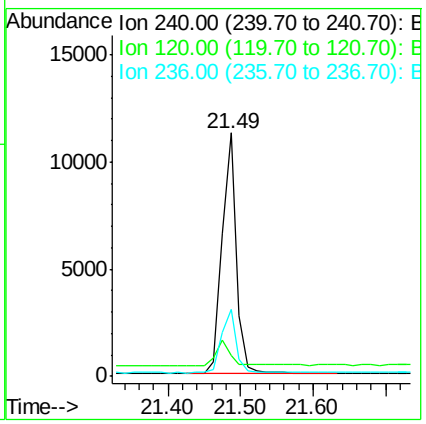


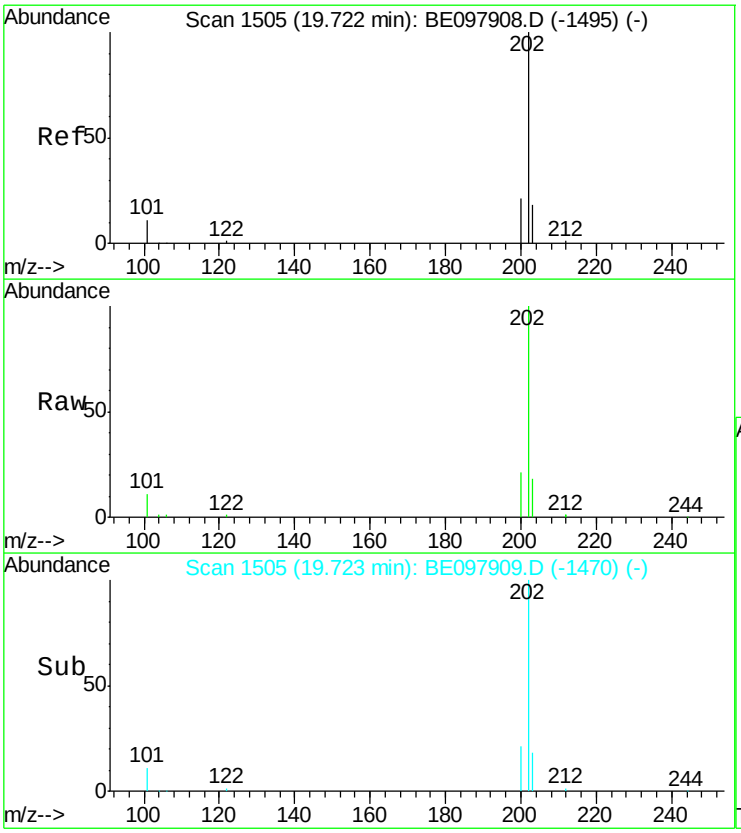
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 15877

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.1	10.7
236	27.4	21.3	31.9

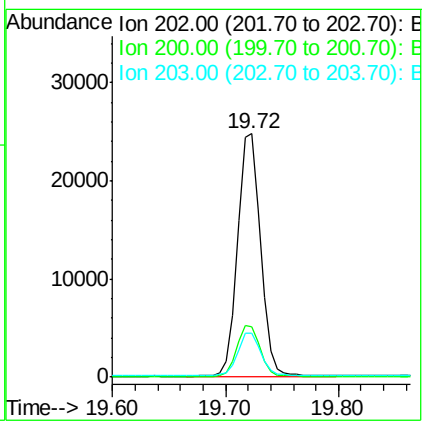


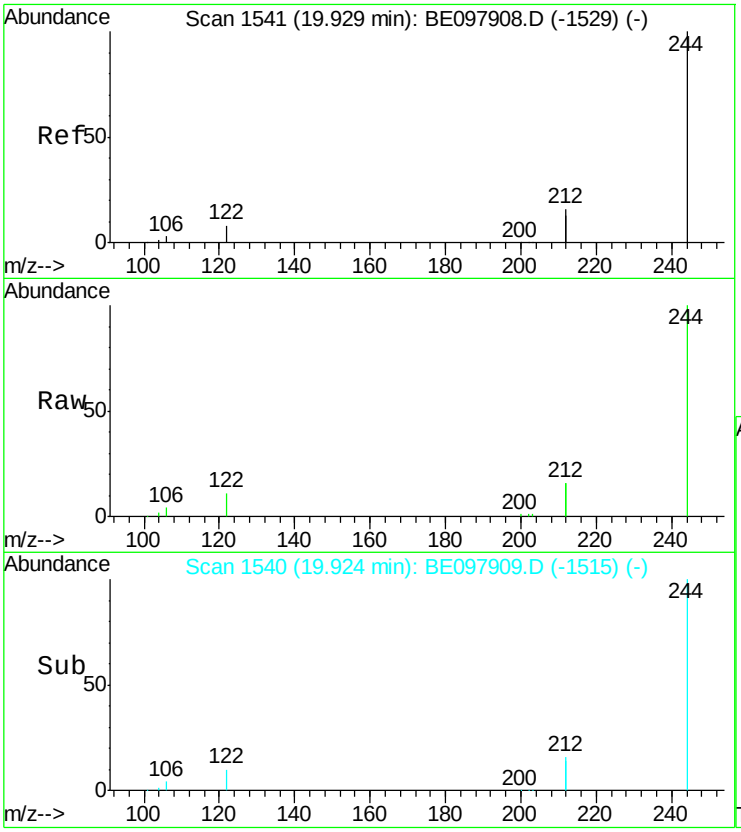


#28
Pyrene
Concen: 0.875 ng
RT: 19.72 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:202 Resp: 35302

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.3	14.2	21.4



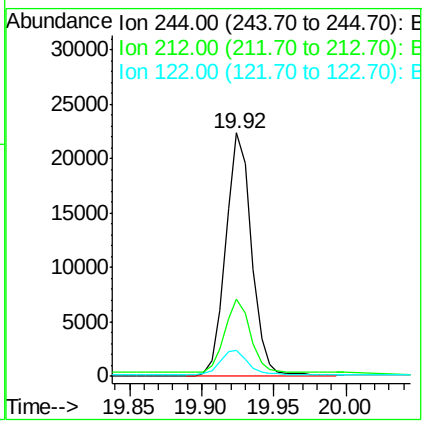


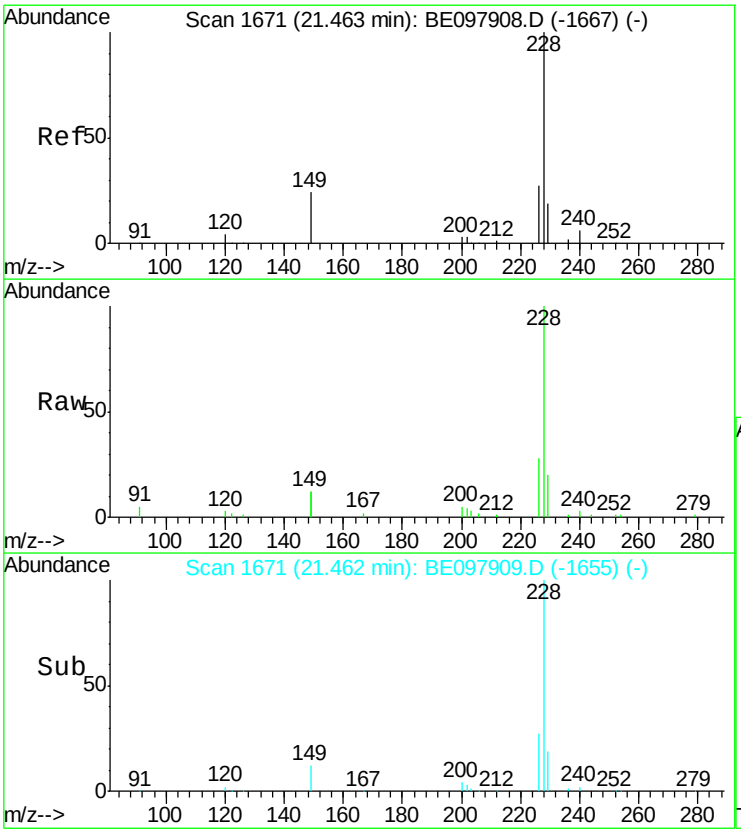
#29
Terphenyl-d14
Concen: 0.852 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 27624

Ion	Ratio	Lower	Upper
244	100		
212	31.9	26.2	39.2
122	10.9	7.7	11.5

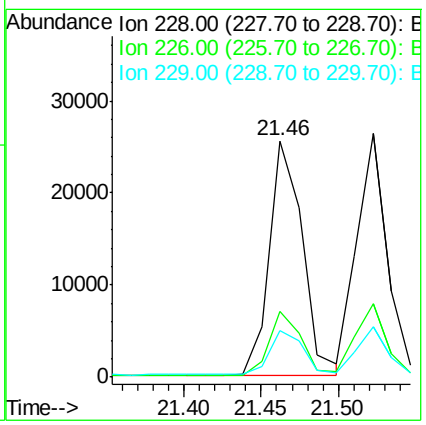


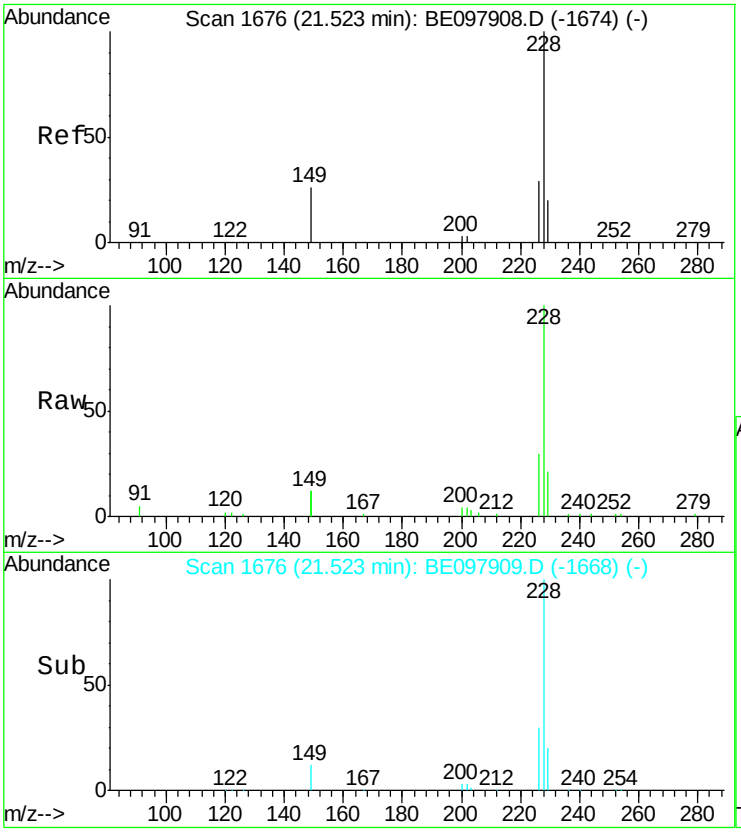


#30
Benzo(a)anthracene
Concen: 0.901 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:228 Resp: 38465

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.7	16.9	25.3



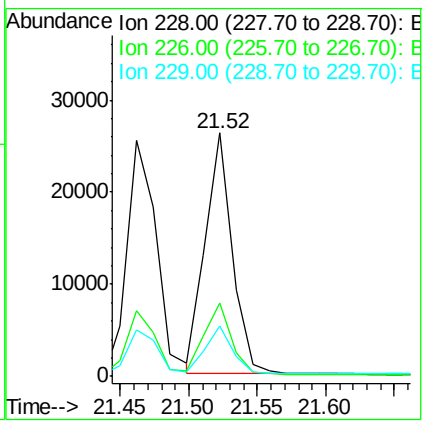


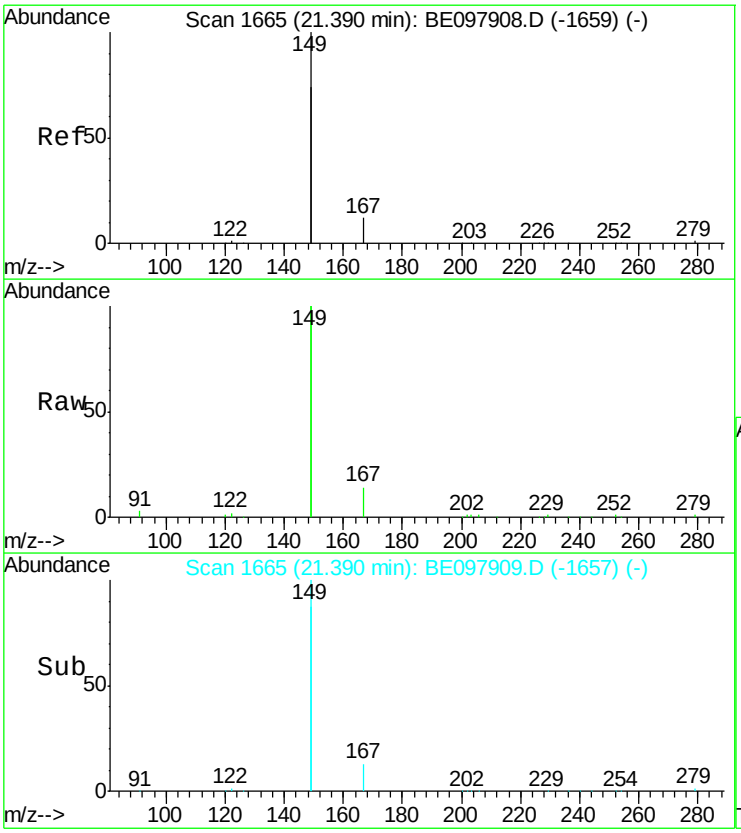
#31
Chrysene
Concen: 0.757 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 36115

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	20.7	17.3	25.9

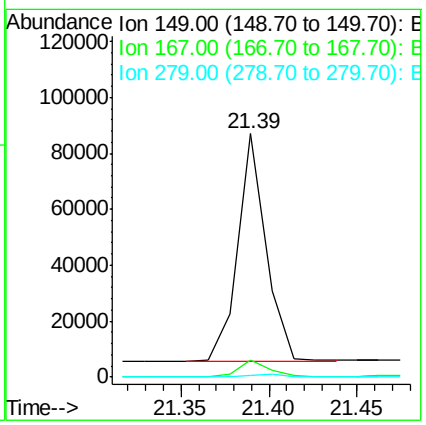


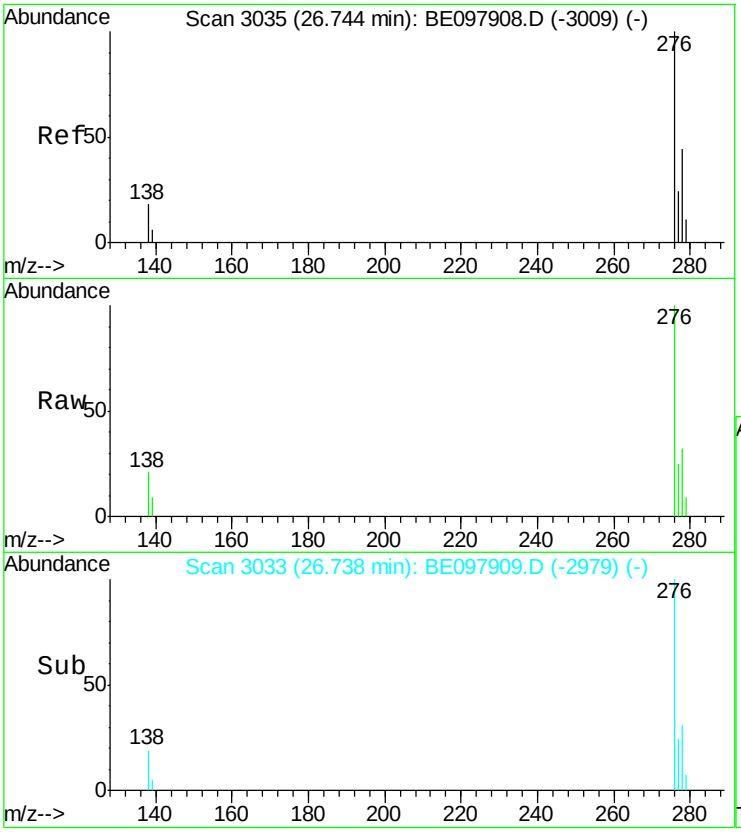


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.938 ng
RT: 21.39 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:149 Resp: 91729

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.0	0.9	1.3



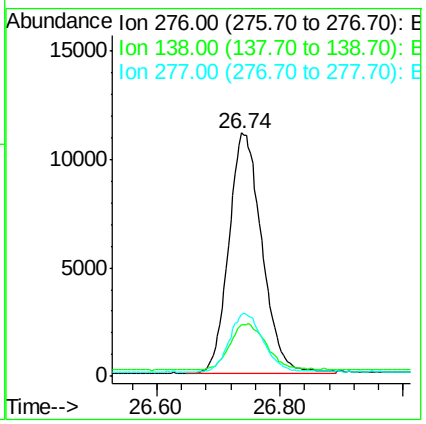


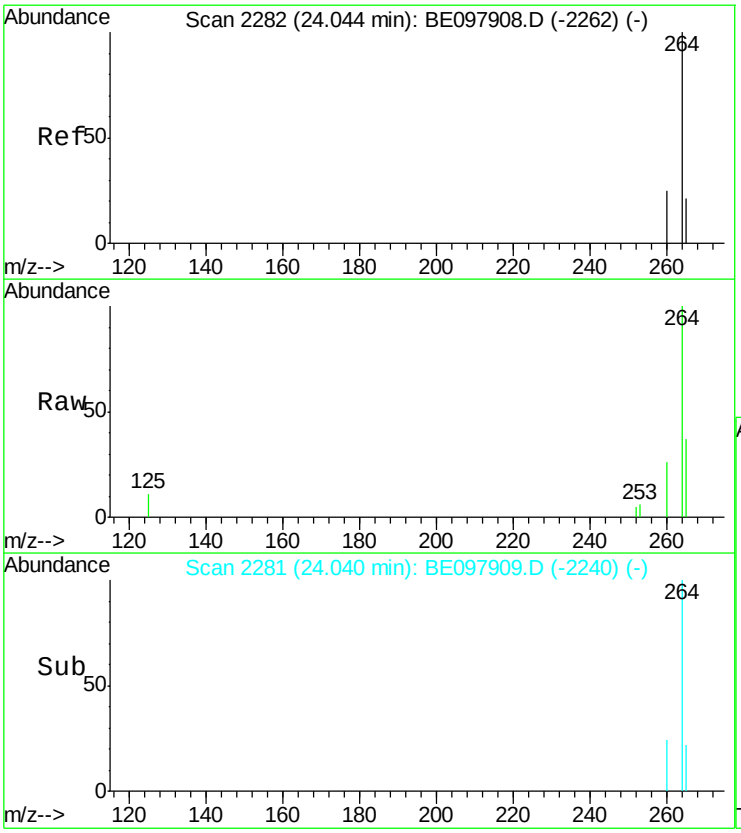
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.000 ng
RT: 26.74 min Scan# 3033
Delta R.T. -0.01 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 41437

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.6
277	24.7	20.5	30.7

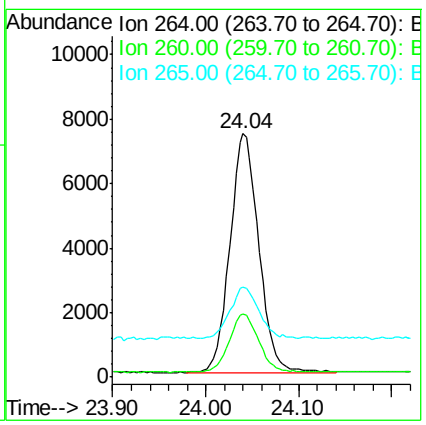


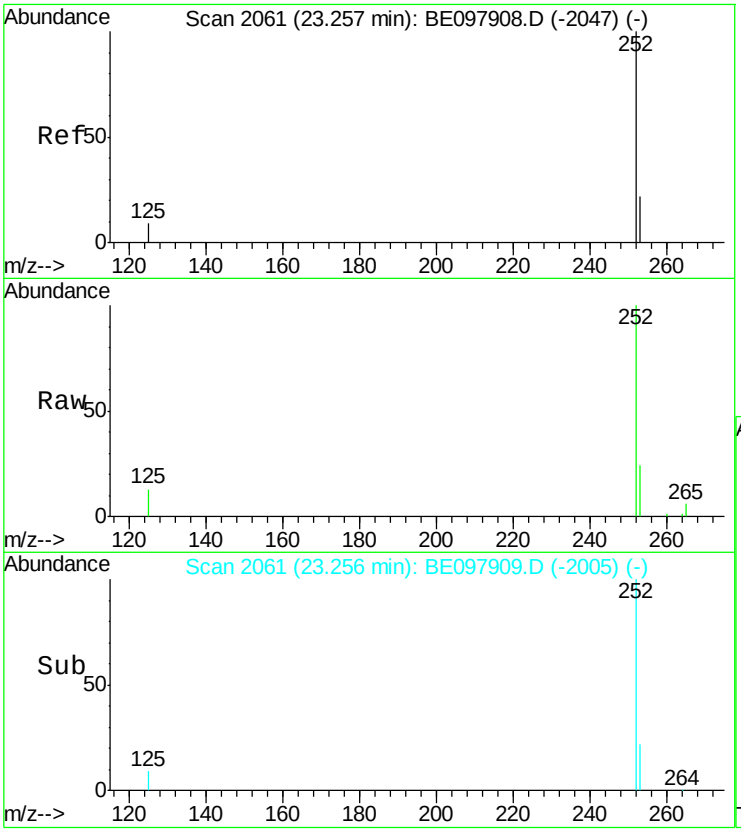


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:264 Resp: 15991

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.1	31.7
265	37.1	29.2	43.8



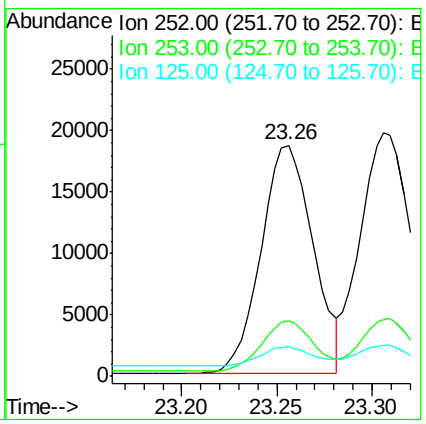


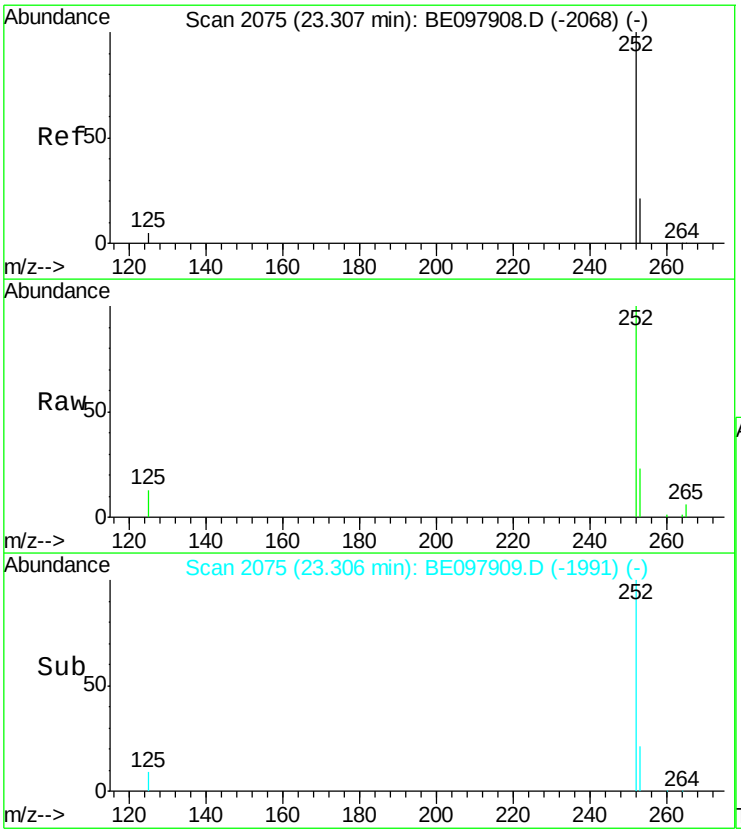
#35
Benzo(b)fluoranthene
Concen: 0.805 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 35337

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.6	31.0
125	12.9	14.3	21.5#

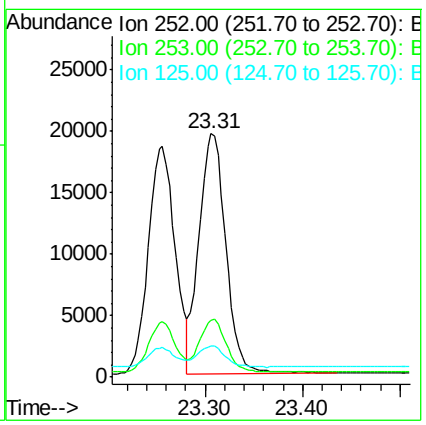


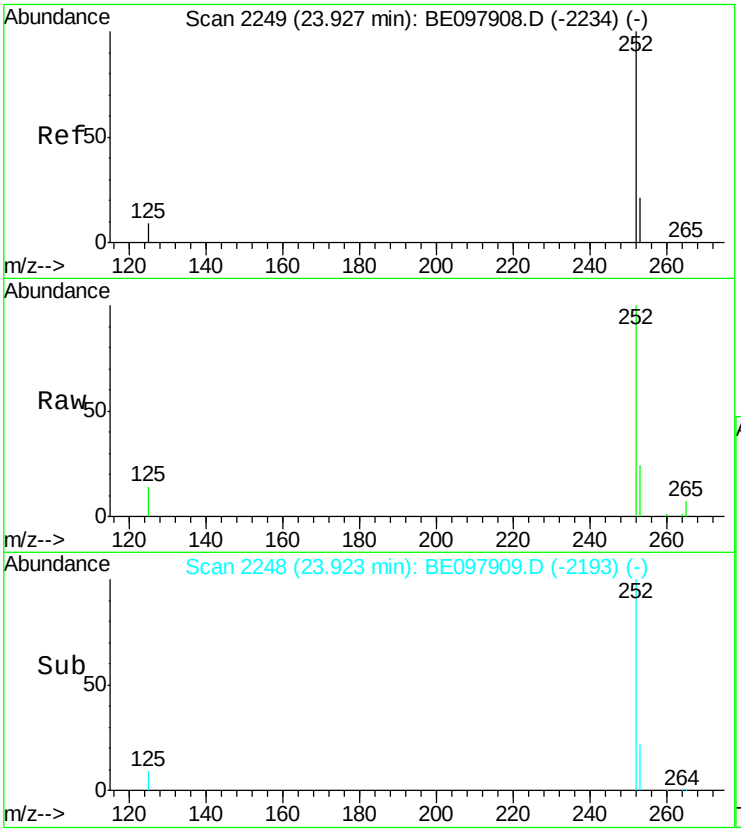


#36
Benzo(k)fluoranthene
Concen: 0.770 ng
RT: 23.31 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:252 Resp: 37481

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.4	30.6
125	12.6	14.6	21.8#



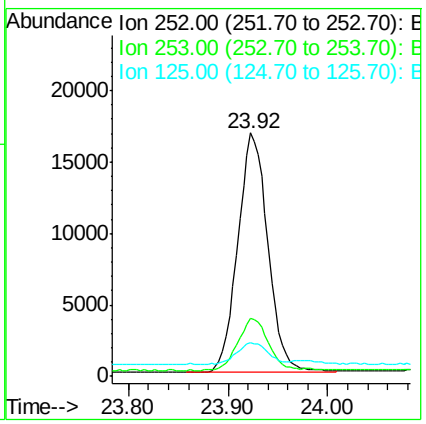


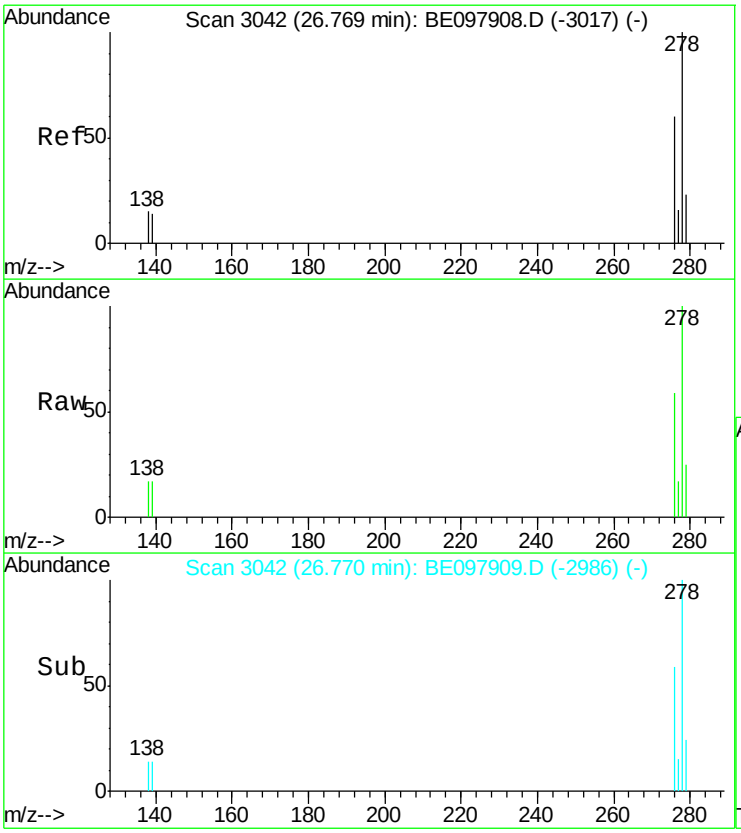
#37
Benzo(a)pyrene
Concen: 0.888 ng
RT: 23.92 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 35286

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.6	31.0
125	14.0	15.6	23.4#

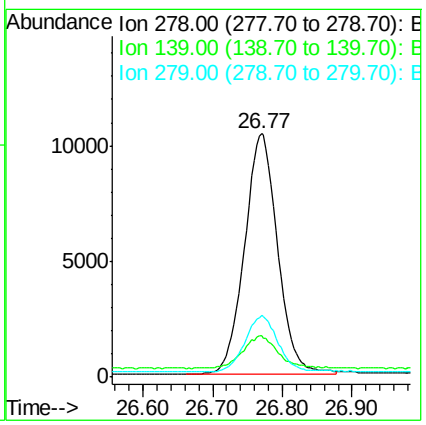


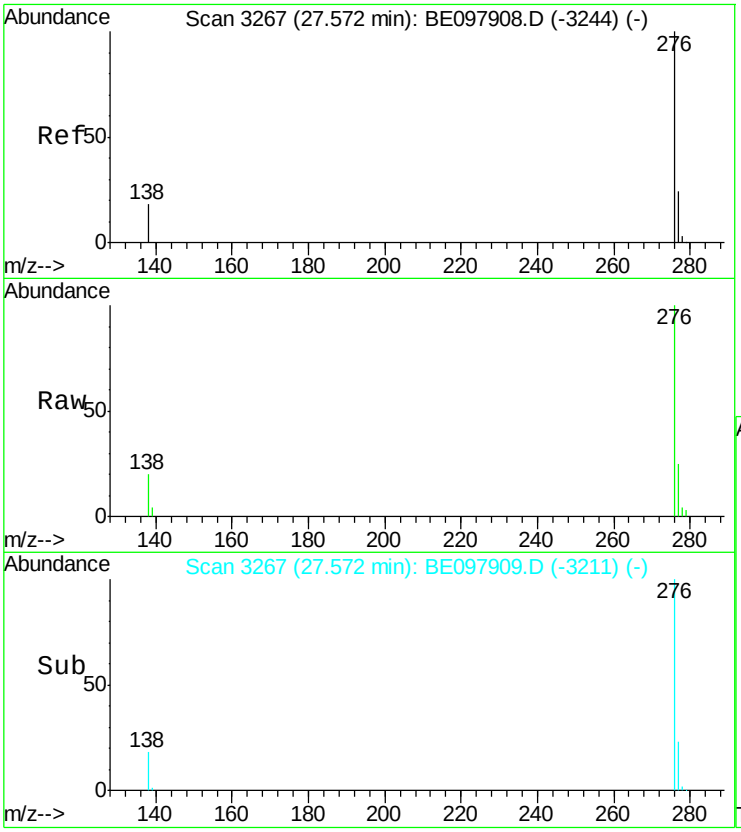


#38
Dibenzo(a,h)anthracene
Concen: 0.882 ng
RT: 26.77 min Scan# 3042
Delta R.T. 0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Tgt Ion:278 Resp: 34501

Ion	Ratio	Lower	Upper
278	100		
139	17.1	16.3	24.5
279	25.4	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.842 ng
RT: 27.57 min Scan# 3267
Delta R.T. 0.00 min
Lab File: BE097909.D
Acq: 16 Oct 2018 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 34496

Ion	Ratio	Lower	Upper
276	100		
277	24.7	22.1	33.1
138	20.5	19.3	28.9