Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097706.D
Acq On : 3 Oct 2018 8:28
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Oct 03 11:31:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 11:25:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5326	0.40	ng		0.00
7) Naphthalene-d8	10.70	136	21467	0.40	ng		0.01
13) Acenaphthene-d10	14.56	164	12011	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	33189	0.40	ng		0.00
27) Chrysene-d12	21.49	240	42216	0.40	ng		0.00
34) Perylene-d12	24.04	264	42075	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	1314	0.10	ng		0.00
5) Phenol-d6	7.04	99	2127	0.12	ng		0.00
8) Nitrobenzene-d5	9.05	82	674	0.04	ng		0.01
11) 2-Methylnaphthalene-d10	12.31	152	3402	0.10	ng		0.01
14) 2,4,6-Tribromophenol	16.04	330	219	0.05	ng		0.00
15) 2-Fluorobiphenyl	13.19	172	6151	0.12	ng		0.00
25) Fluoranthene-d10	19.33	212	41283	0.10	ng		0.00
29) Terphenyl-d14	19.94	244	9604	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	1180	0.106	ng		91
3) n-Nitrosodimethylamine	3.72	42	963	0.144	ng	#	66
6) bis(2-Chloroethyl)ether	7.32	93	2081	0.117	ng		99
9) Naphthalene	10.74	128	22343	0.105	ng		99
10) Hexachlorobutadiene	11.04	225	1251	0.126	ng		89
12) 2-Methylnaphthalene	12.38	142	3393	0.105	ng		97
16) Acenaphthylene	14.28	152	5364	0.105	ng		98
17) Acenaphthene	14.61	154	3534	0.102	ng		97
18) Fluorene	15.60	166	4629	0.105	ng		100
20) 4-Bromophenyl-phenylether	16.50	248	1672	0.099	ng	#	86
21) Hexachlorobenzene	16.60	284	2009	0.106	ng		98
22) Pentachlorophenol	16.95	266	333	0.076	ng	#	75
23) Phenanthrene	17.35	178	8738	0.102	ng		99
24) Anthracene	17.44	178	6972	0.099	ng		98
26) Fluoranthene	19.37	202	10383	0.097	ng		99
28) Pyrene	19.72	202	11514	0.105	ng		100
30) Benzo(a)anthracene	21.47	228	11484	0.110	ng		99
31) Chrysene	21.52	228	13535	0.104	ng		98
32) Bis(2-ethylhexyl)phthalate	21.43	149	9167	0.071	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.74	276	11071	0.080	ng	#	93
35) Benzo(b)fluoranthene	23.32	252	11935	0.098	ng		98
36) Benzo(k)fluoranthene	23.32	252	11935	0.085	ng		97
37) Benzo(a)pyrene	23.93	252	9696	0.083	ng	#	93
38) Dibenzo(a,h)anthracene	26.78	278	9225	0.073	ng		97
39) Benzo(g,h,i)perylene	27.56	276	10267	0.080	ng		95

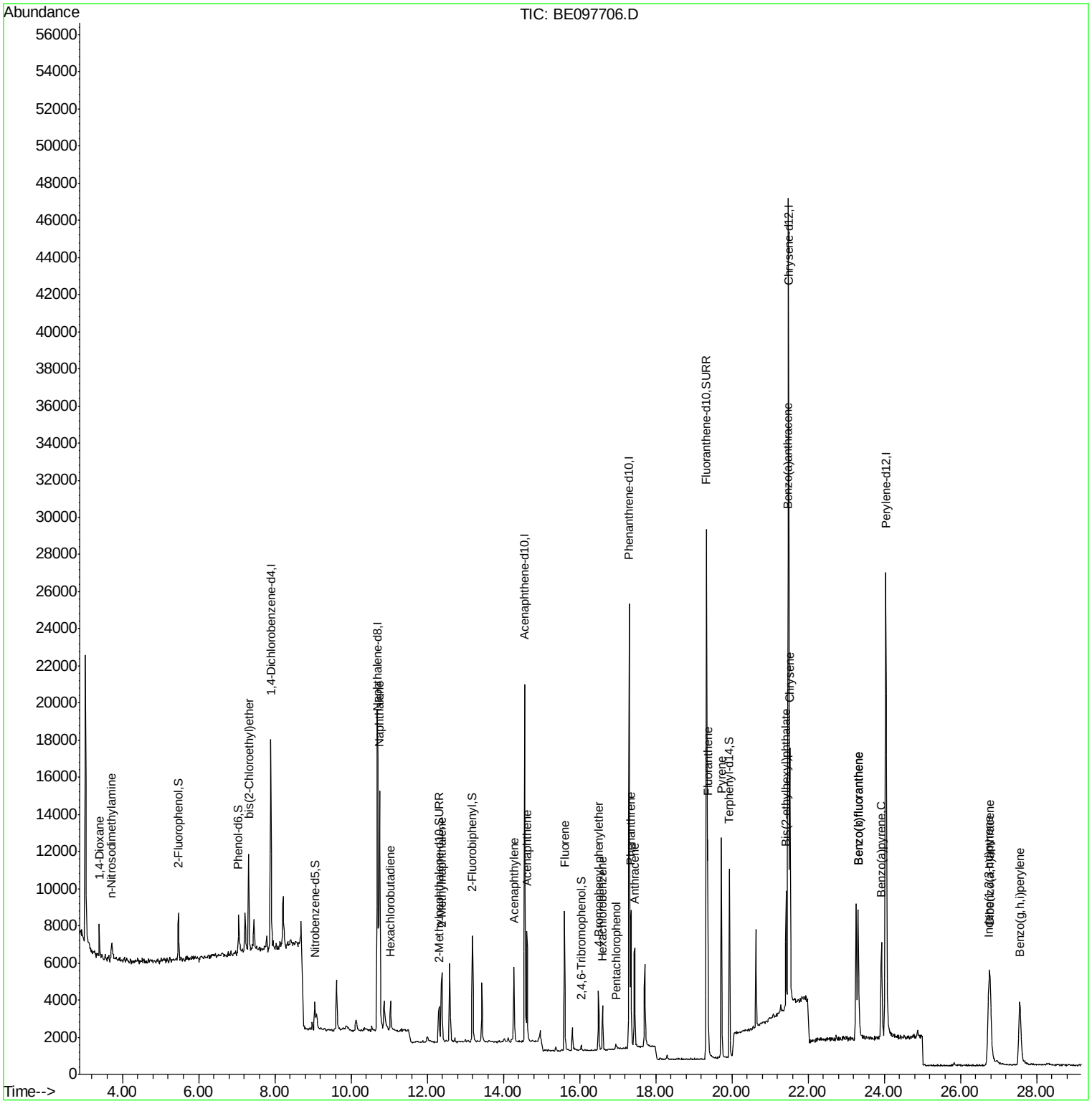
(#) = qualifier out of range (m) = manual integration (+) = signals summed

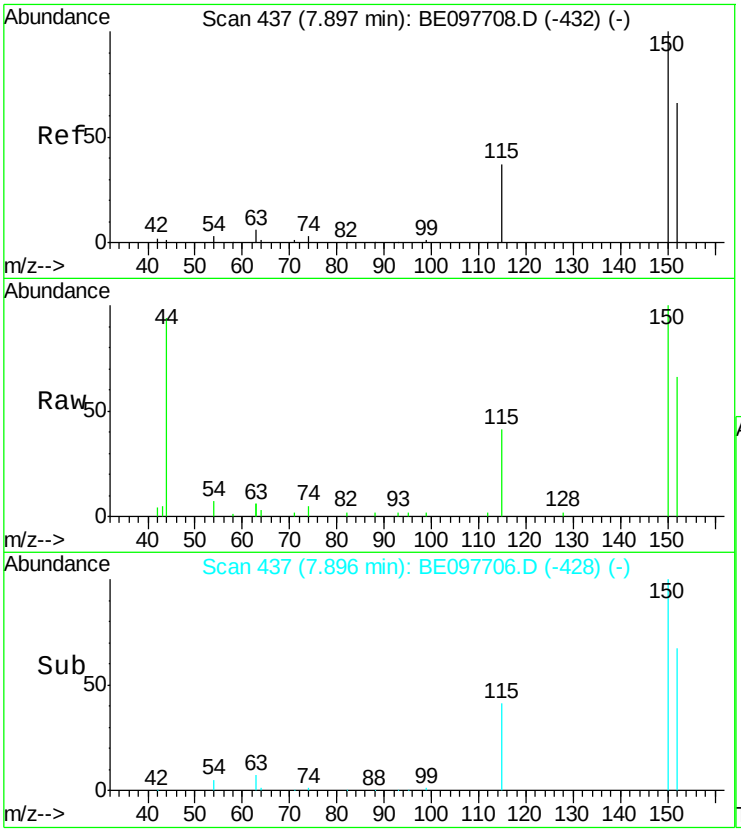
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097706.D
Acq On : 3 Oct 2018 8:28
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 03 11:31:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 11:25:02 2018
Response via : Initial Calibration



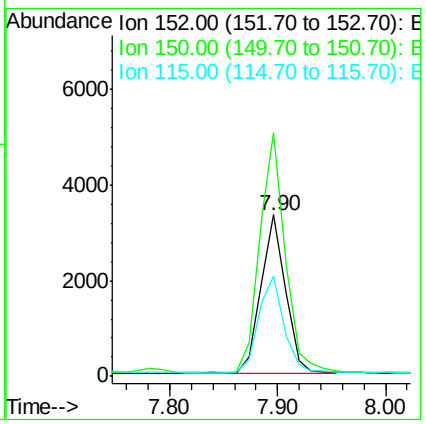


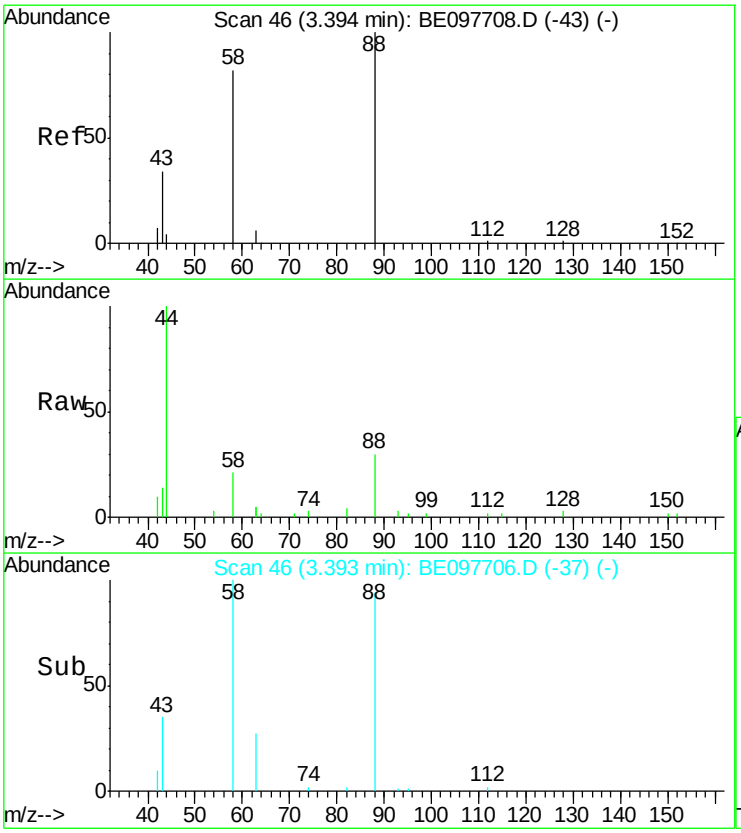
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5326

Ion	Ratio	Lower	Upper
152	100		
150	150.9	120.9	181.3
115	62.1	46.6	69.8

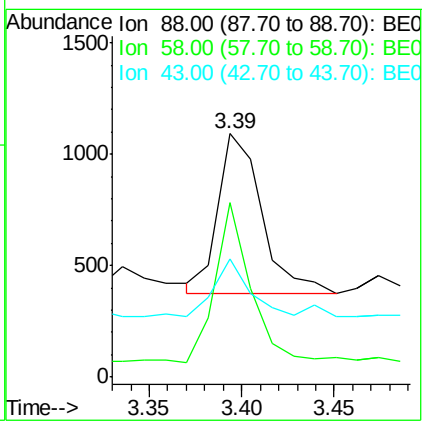


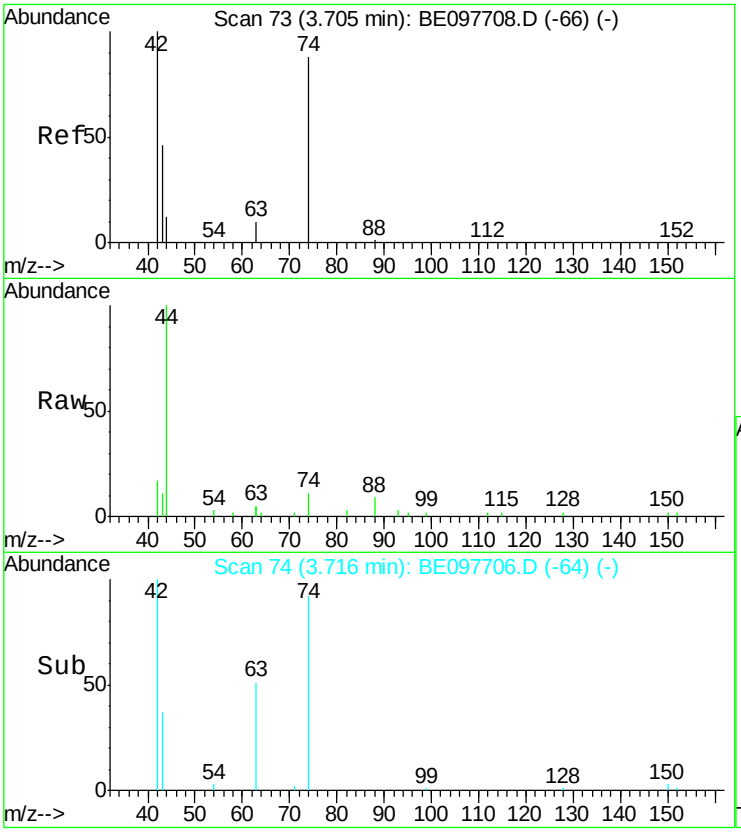


#2
1,4-Dioxane
Concen: 0.106 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion: 88 Resp: 1180

Ion	Ratio	Lower	Upper
88	100		
58	81.4	70.8	106.2
43	33.8	33.3	49.9



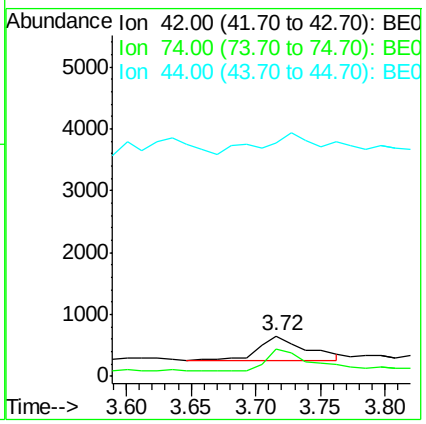


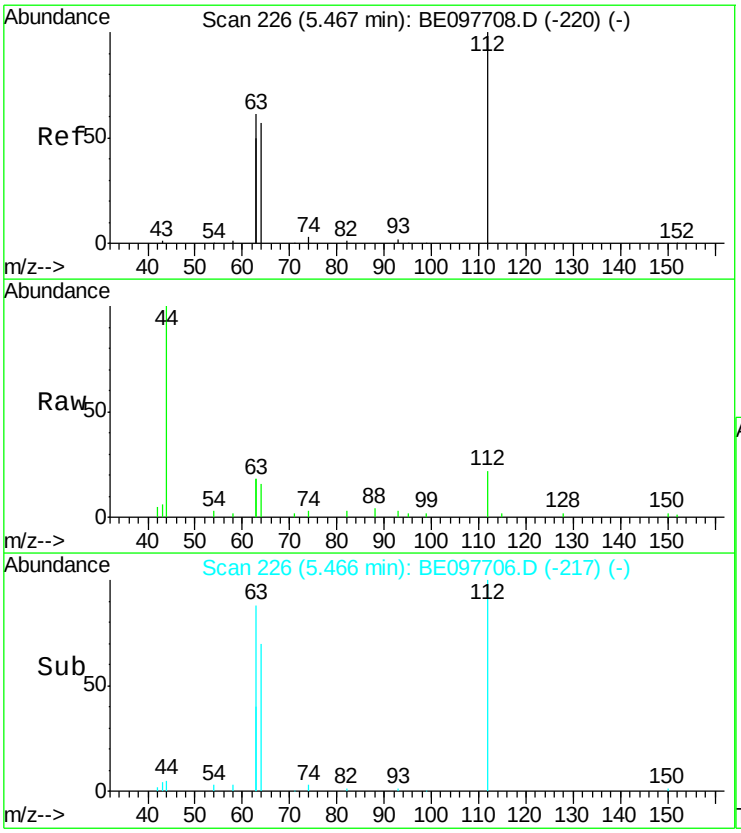
#3
n-Nitrosodimethylamine
Concen: 0.144 ng
RT: 3.72 min Scan# 74
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 963

Ion	Ratio	Lower	Upper
42	100		
74	84.0	70.7	106.1
44	96.2	15.0	22.4#

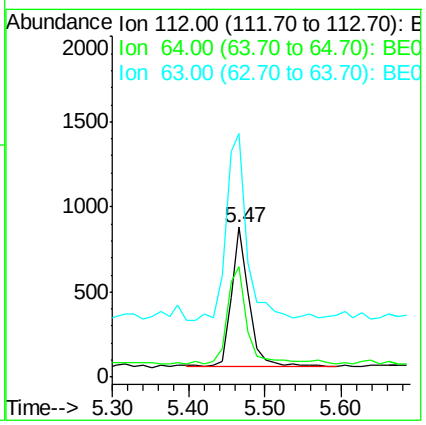


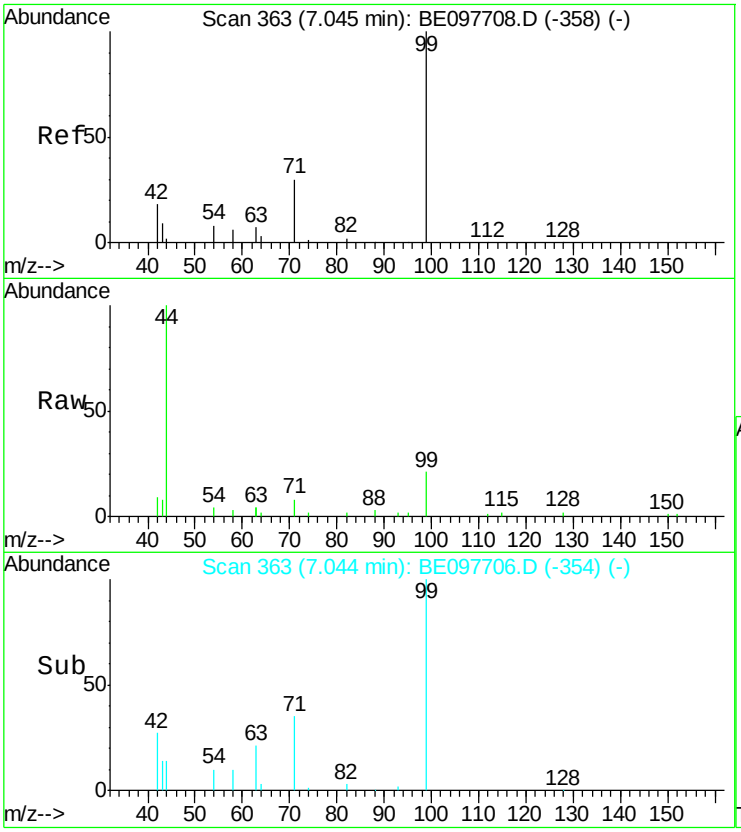


#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:112 Resp: 1314

Ion	Ratio	Lower	Upper
112	100		
64	77.3	56.6	84.8
63	161.3	119.4	179.0



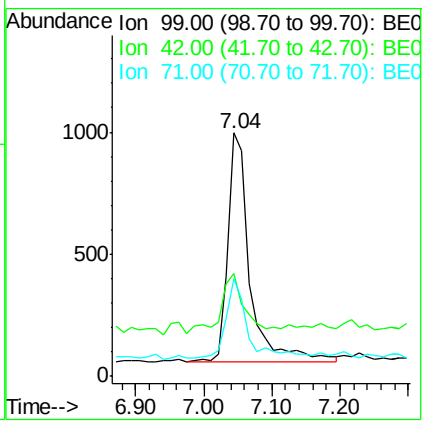


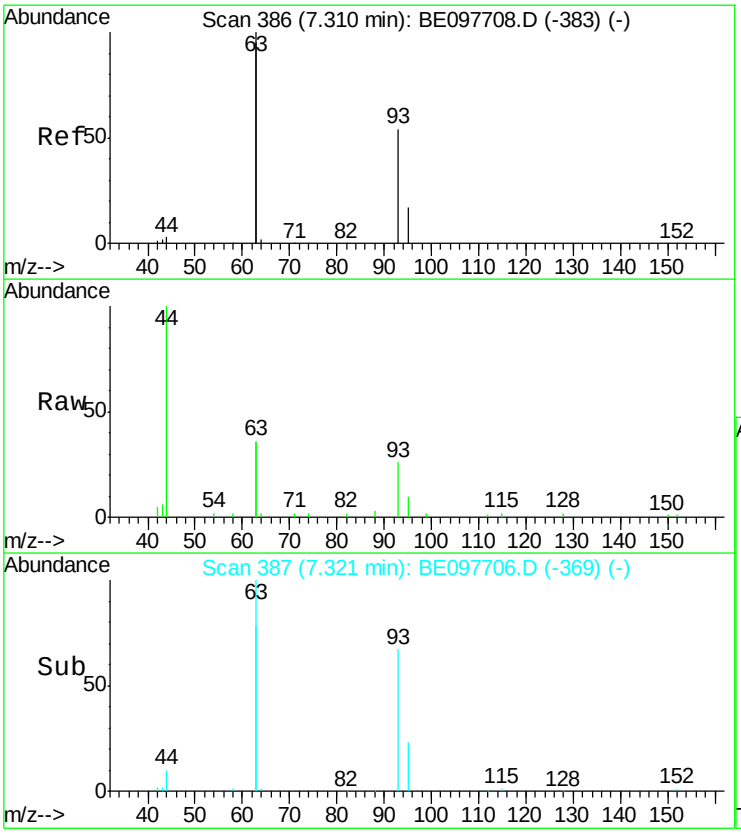
#5
Phenol-d6
Concen: 0.117 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 2127

Ion	Ratio	Lower	Upper
99	100		
42	29.3	19.9	29.9
71	33.5	25.4	38.2

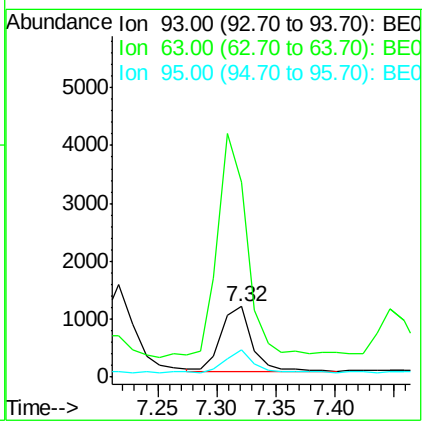


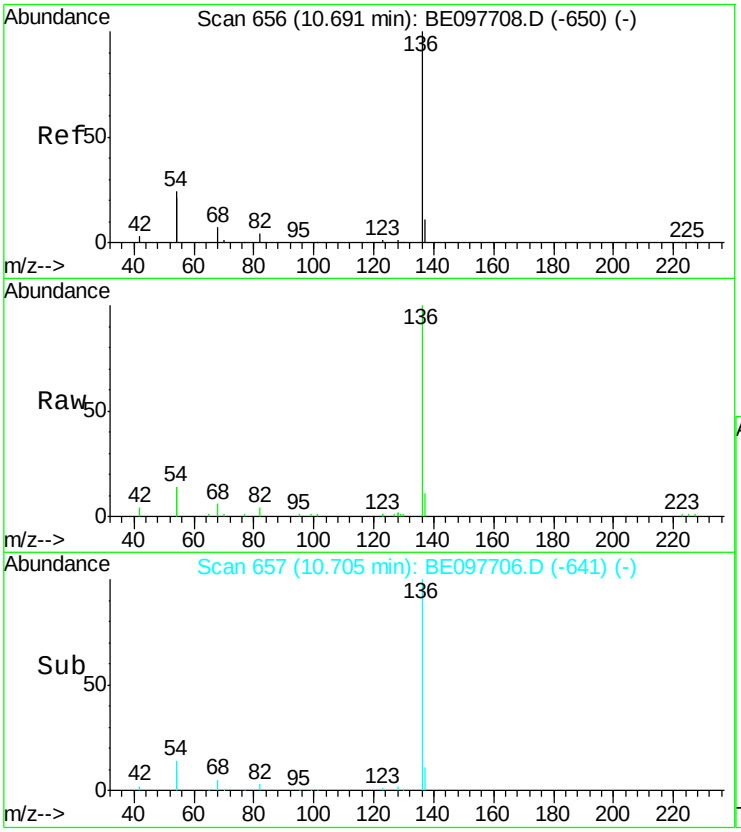


#6
bis(2-Chloroethyl)ether
Concen: 0.117 ng
RT: 7.32 min Scan# 387
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion: 93 Resp: 2081

Ion	Ratio	Lower	Upper
93	100		
63	332.6	266.9	400.3
95	33.6	26.2	39.2



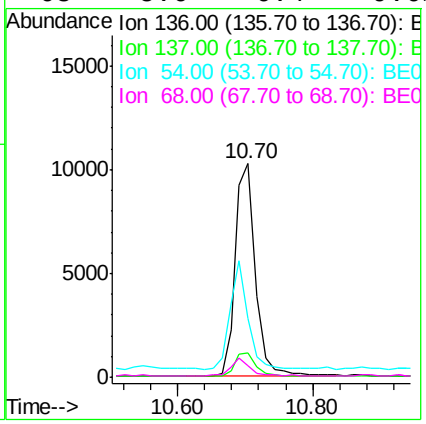


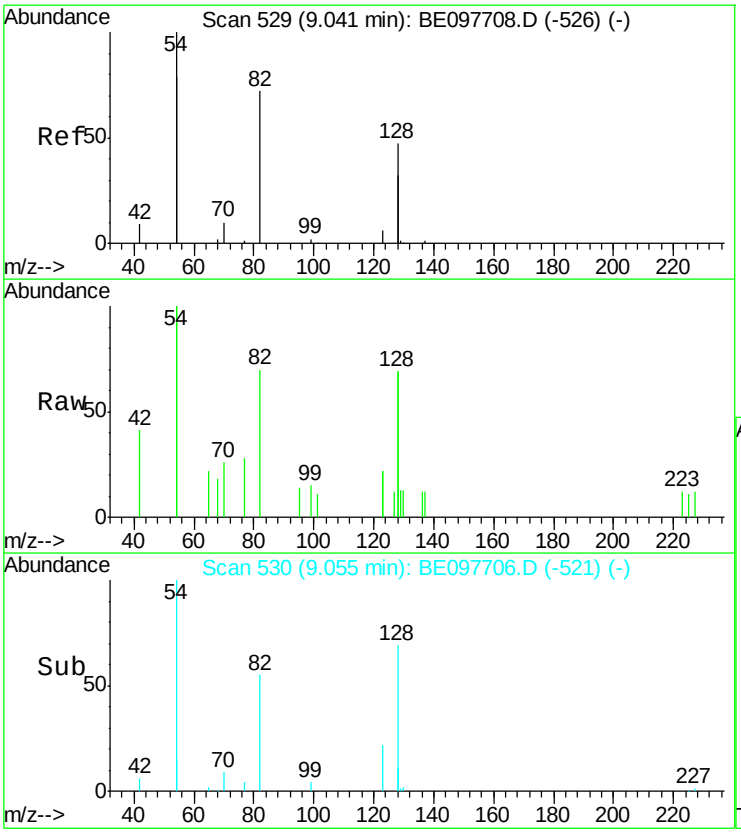
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.70 min Scan# 657
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 21467

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	27.7	37.8	56.6#
68	5.6	6.4	9.6#

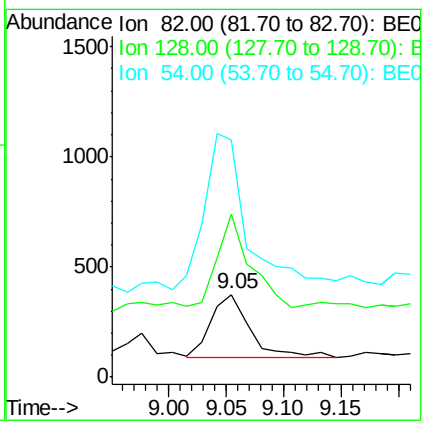


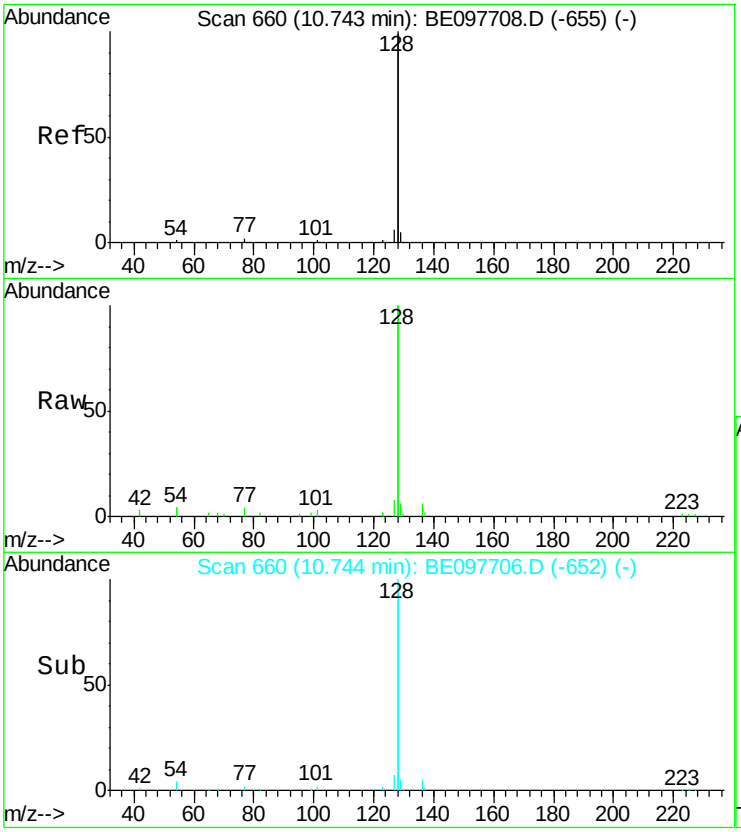


#8
Nitrobenzene-d5
Concen: 0.044 ng
RT: 9.05 min Scan# 530
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion: 82 Resp: 674

Ion	Ratio	Lower	Upper
82	100		
128	197.9	97.0	145.4#
54	286.9	206.9	310.3



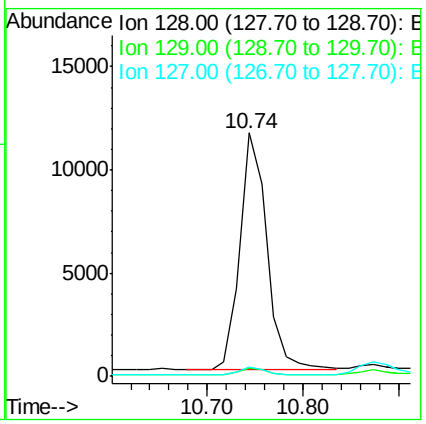


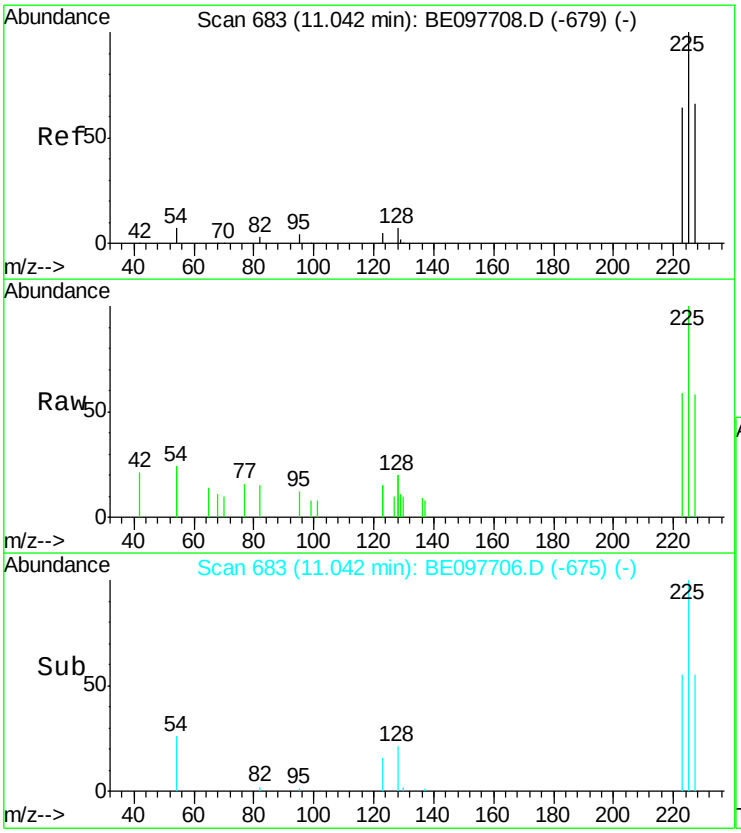
#9
Naphthalene
Concen: 0.105 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 22343

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.2	3.2
127	4.0	2.7	4.1

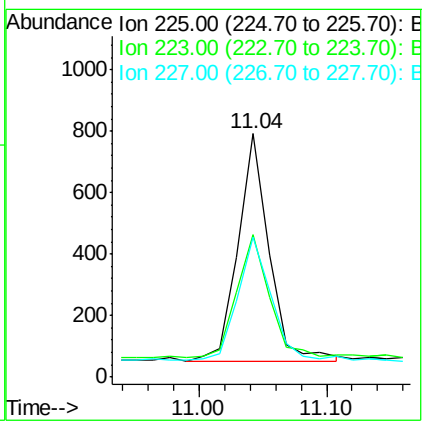


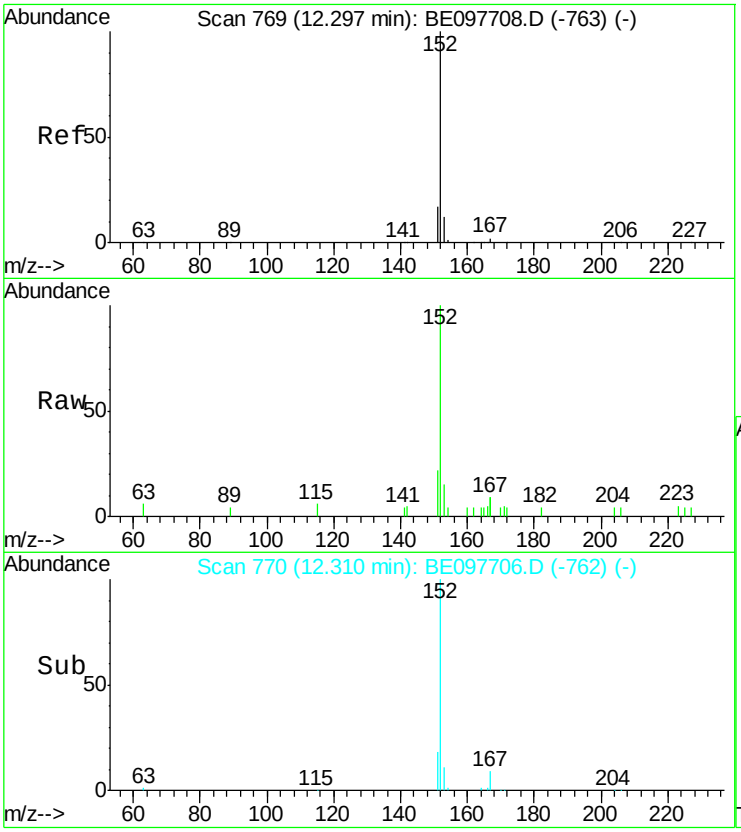


#10
Hexachlorobutadiene
Concen: 0.126 ng
RT: 11.04 min Scan# 683
Delta R.T. 0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:225 Resp: 1251

Ion	Ratio	Lower	Upper
225	100		
223	55.3	52.2	78.4
227	56.8	51.2	76.8



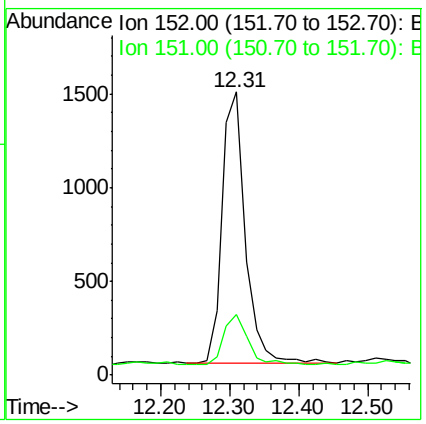


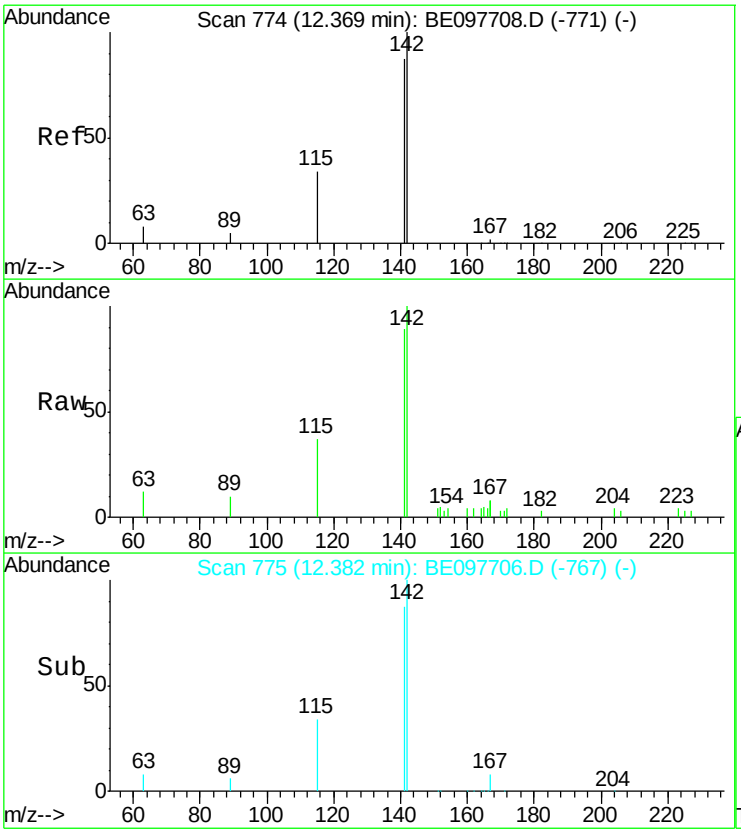
#11
2-Methylnaphthalene-d10
Concen: 0.102 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3402

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

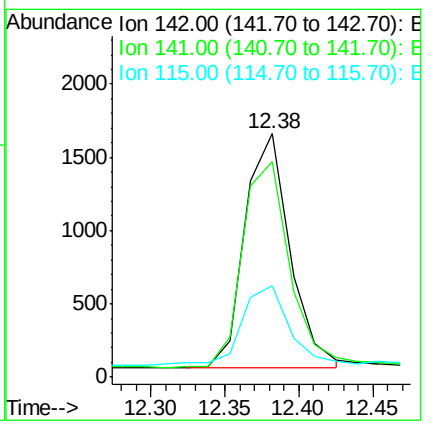


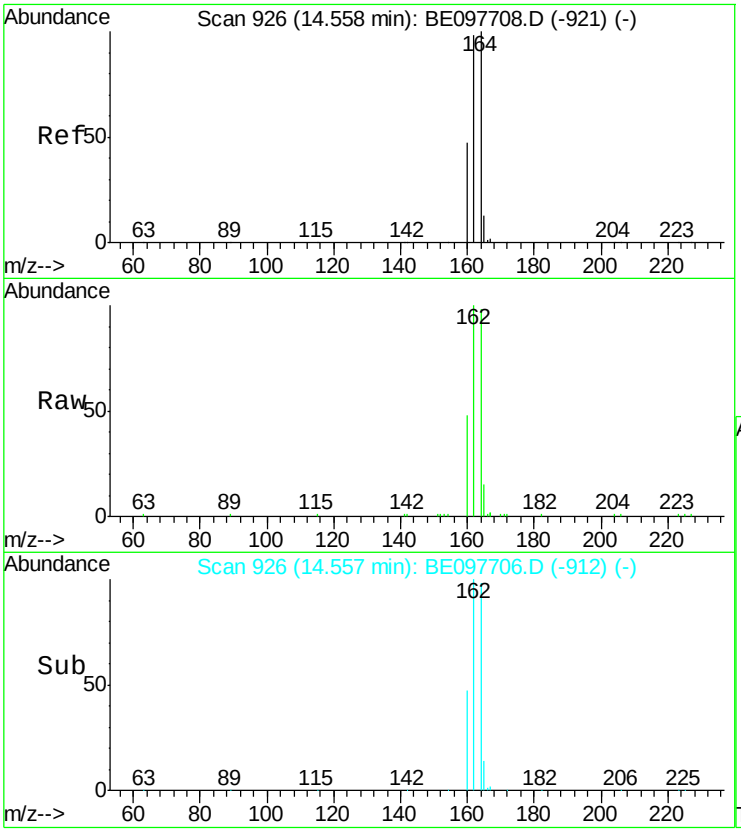


#12
2-Methylnaphthalene
Concen: 0.105 ng
RT: 12.38 min Scan# 775
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:142 Resp: 3393

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.4	104.2
115	37.4	28.0	42.0



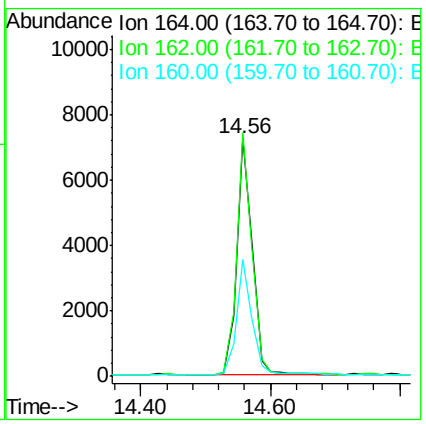


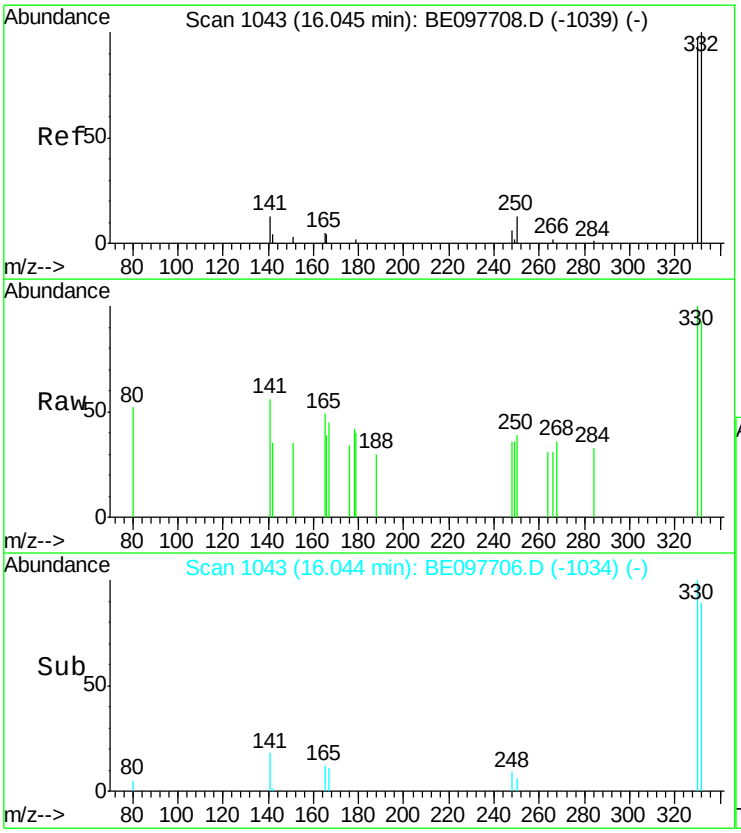
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 12011

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.6	117.8
160	48.9	37.8	56.6

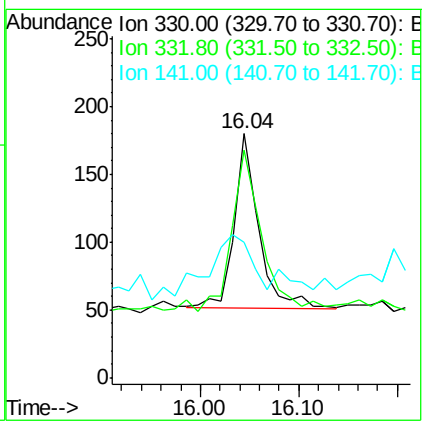


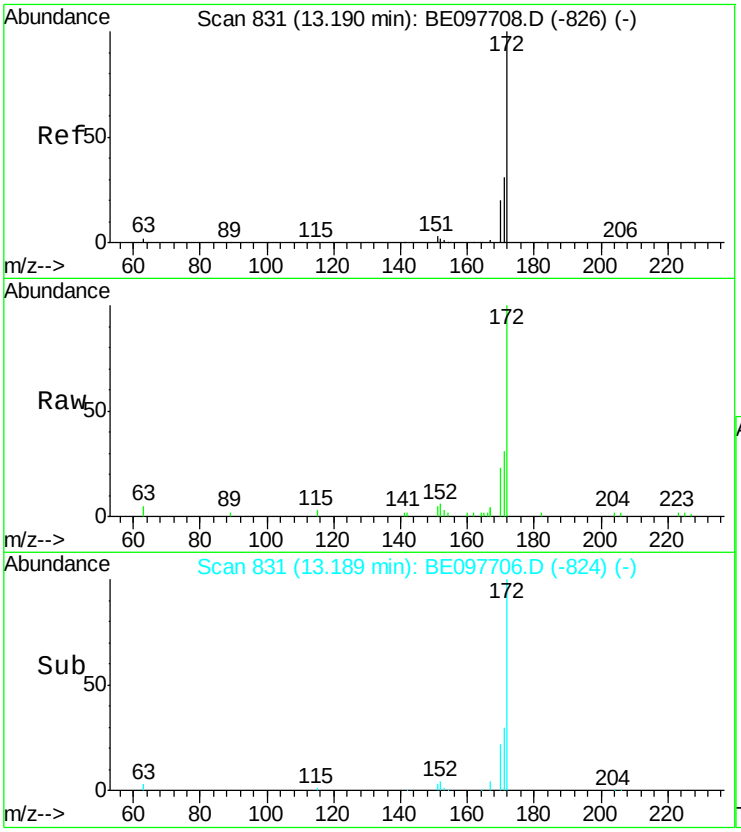


#14
2,4,6-Tribromophenol
Concen: 0.047 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:330 Resp: 219

Ion	Ratio	Lower	Upper
330	100		
332	115.5	83.5	125.3
141	61.2	34.9	52.3#



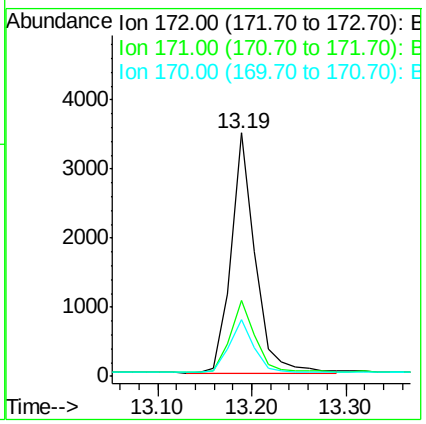


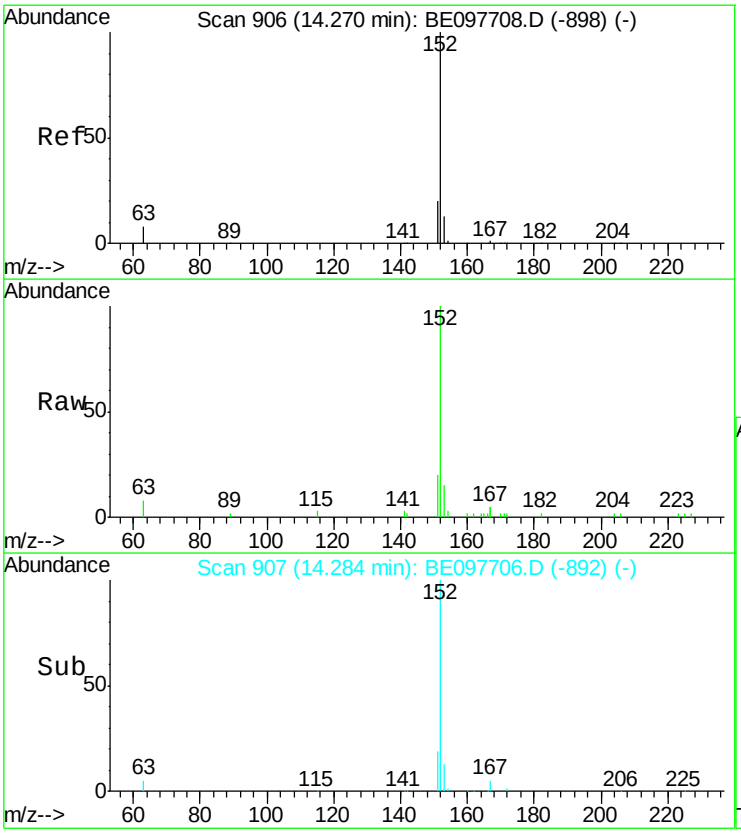
#15
2-Fluorobiphenyl
Concen: 0.122 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 6151

Ion	Ratio	Lower	Upper
172	100		
171	31.3	25.2	37.8
170	23.3	16.2	24.2

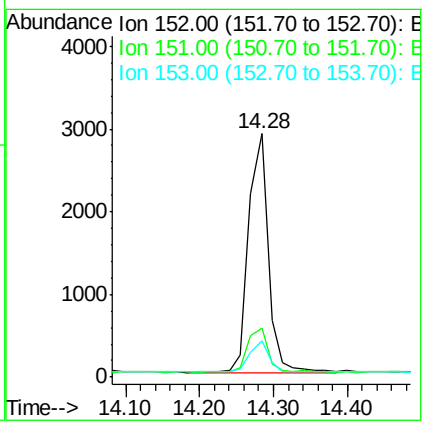


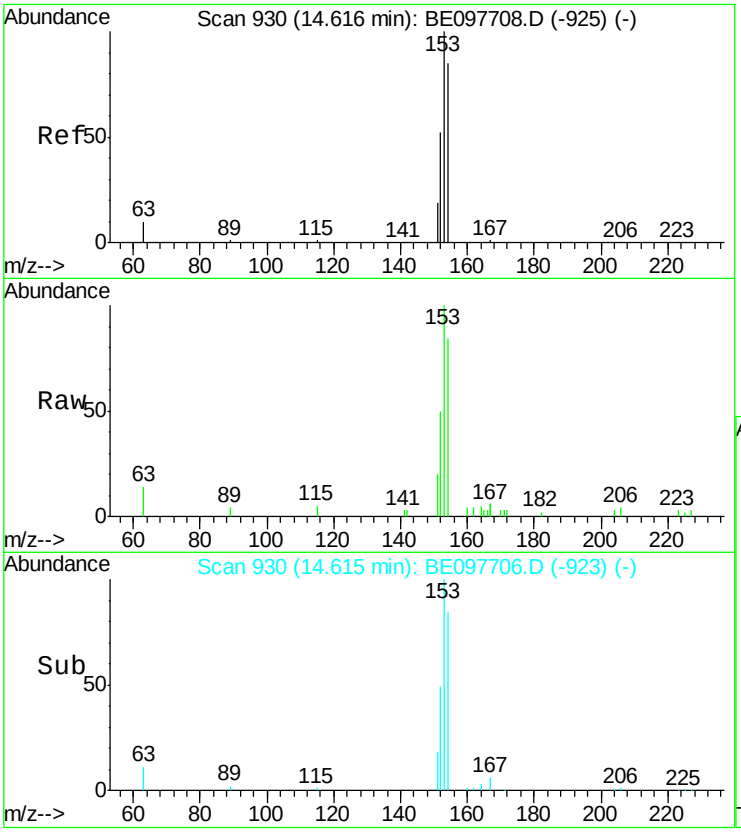


#16
Acenaphthylene
Concen: 0.105 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:152 Resp: 5364

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.3	22.9
153	12.8	10.8	16.2



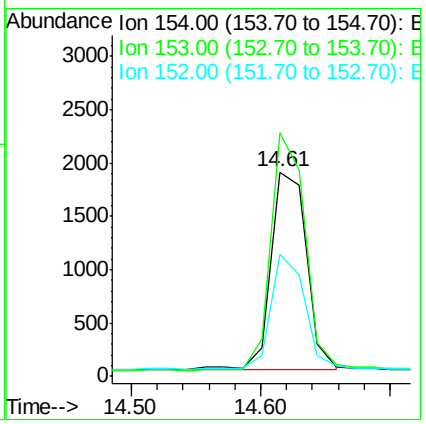


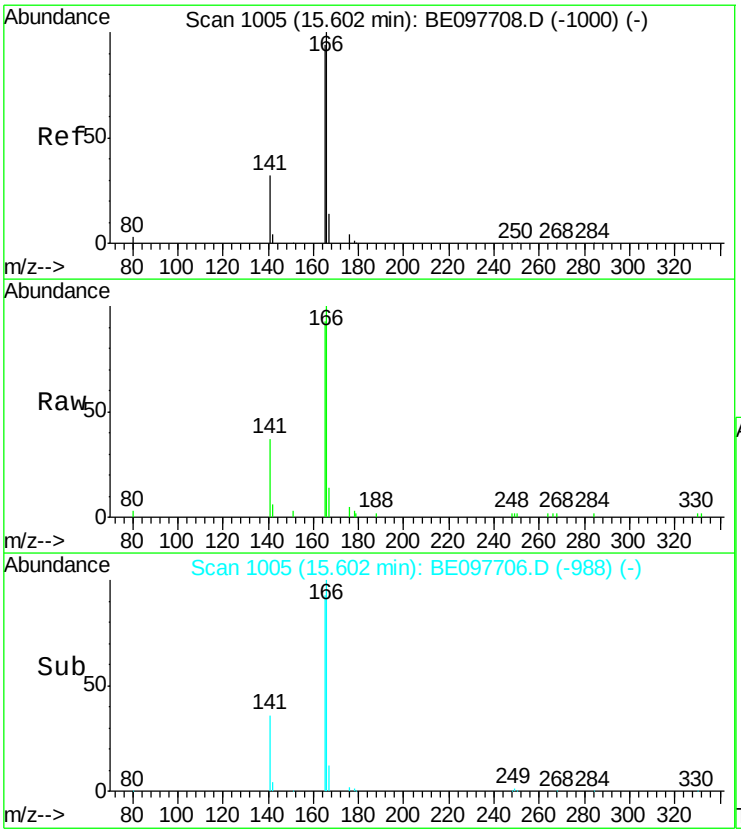
#17
Acenaphthene
Concen: 0.102 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 3534

Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.3	139.9
152	55.0	48.9	73.3

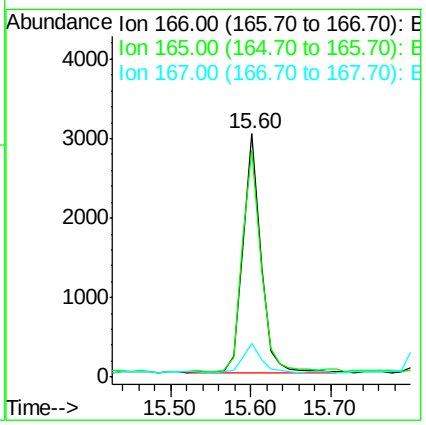


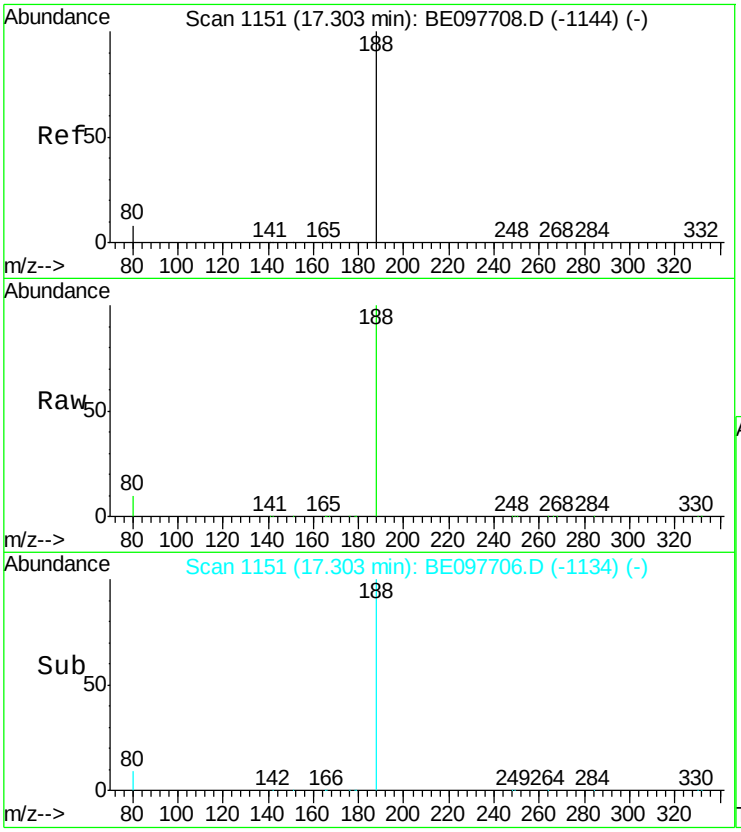


#18
Fluorene
Concen: 0.105 ng
RT: 15.60 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:166 Resp: 4629

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	12.8	11.1	16.7



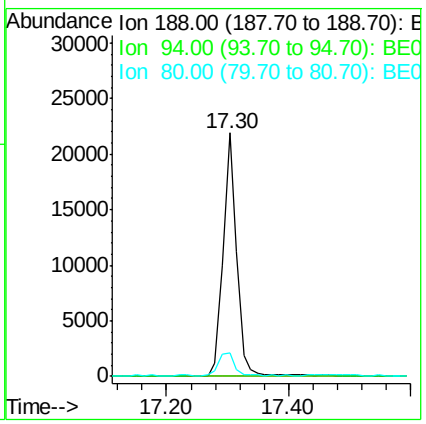


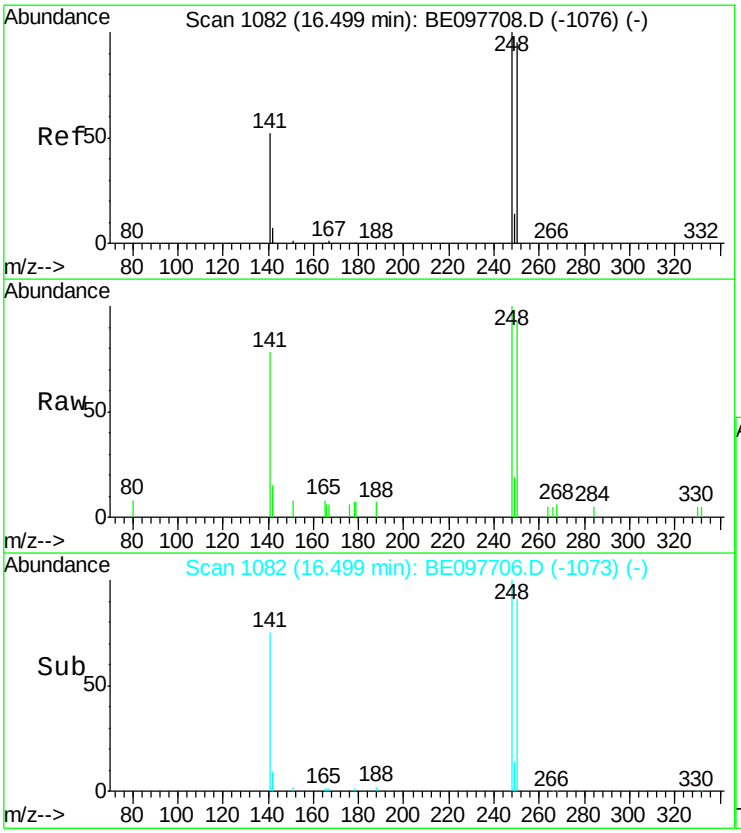
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 33189

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	6.6	9.8

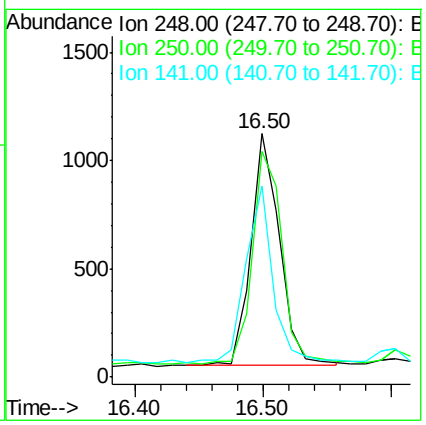


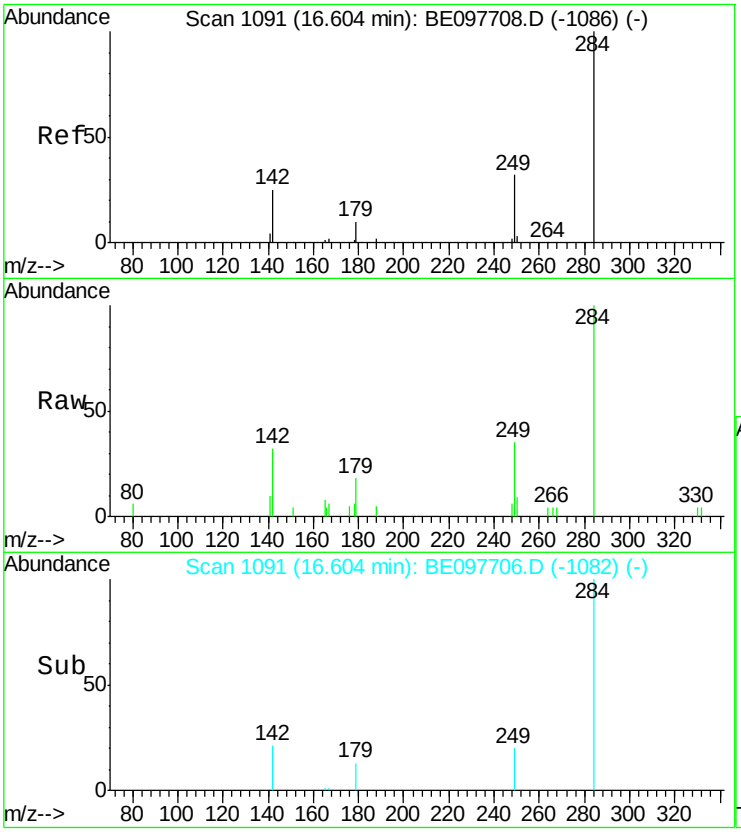


#20
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.50 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:248 Resp: 1672

Ion	Ratio	Lower	Upper
248	100		
250	92.6	76.1	114.1
141	78.3	42.2	63.4#



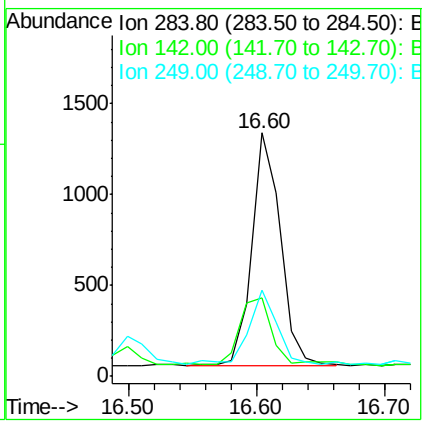


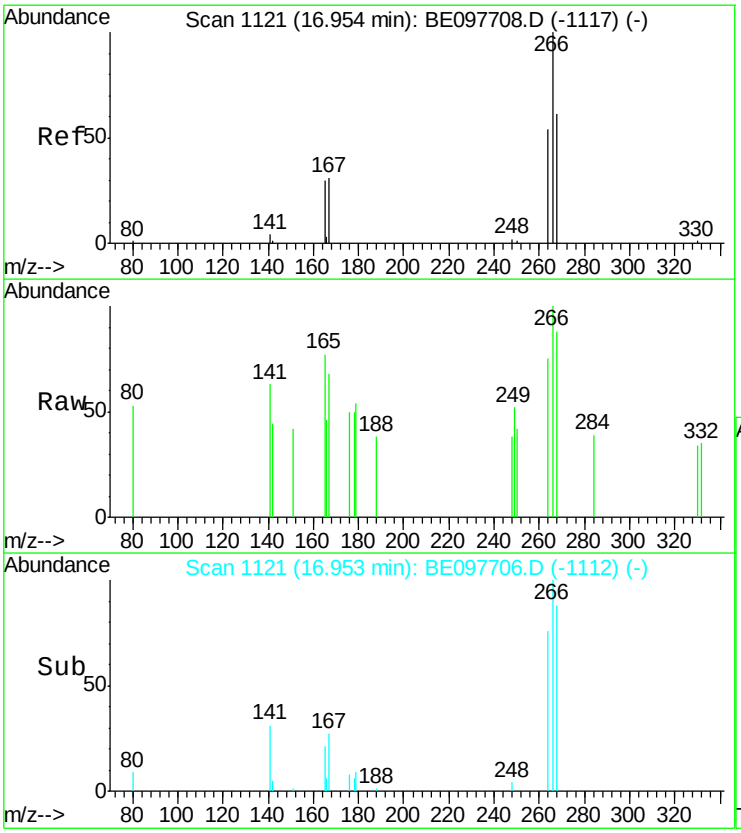
#21
Hexachlorobenzene
Concen: 0.106 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 2009

Ion	Ratio	Lower	Upper
284	100		
142	31.5	24.9	37.3
249	30.5	25.8	38.8

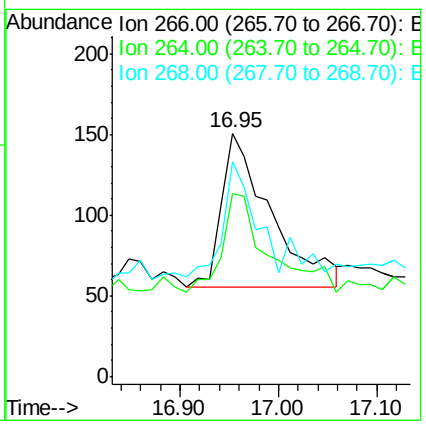


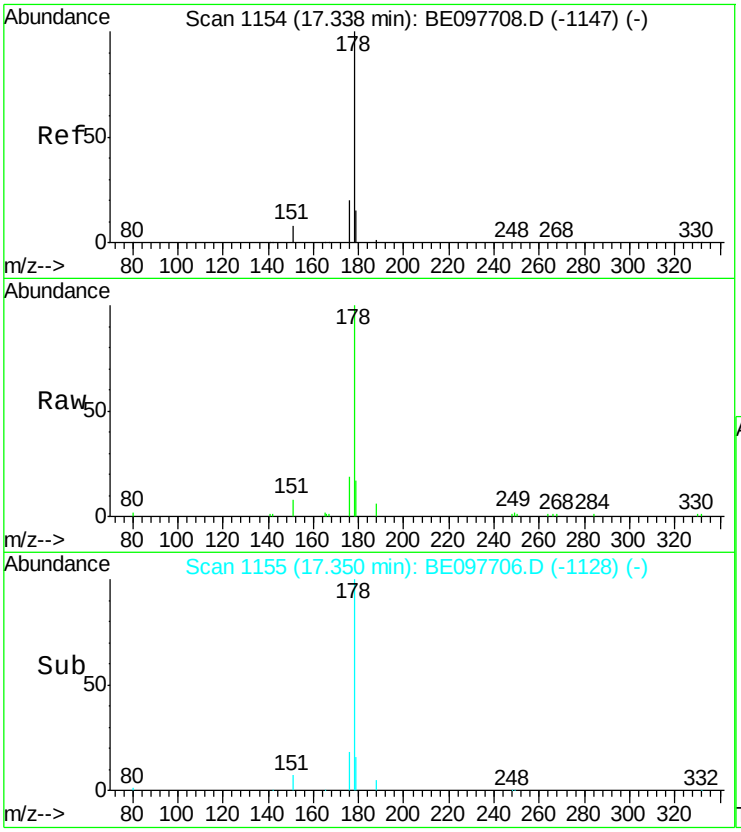


#22
Pentachlorophenol
Concen: 0.076 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:266 Resp: 333

Ion	Ratio	Lower	Upper
266	100		
264	74.8	46.8	70.2#
268	88.1	53.0	79.6#



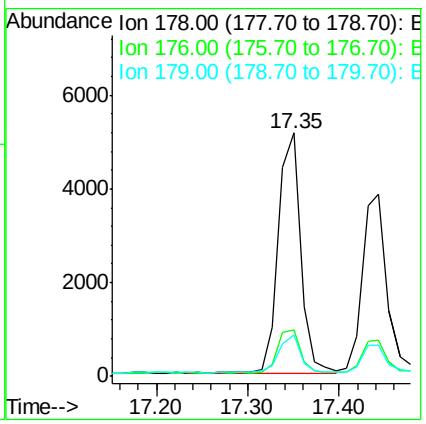


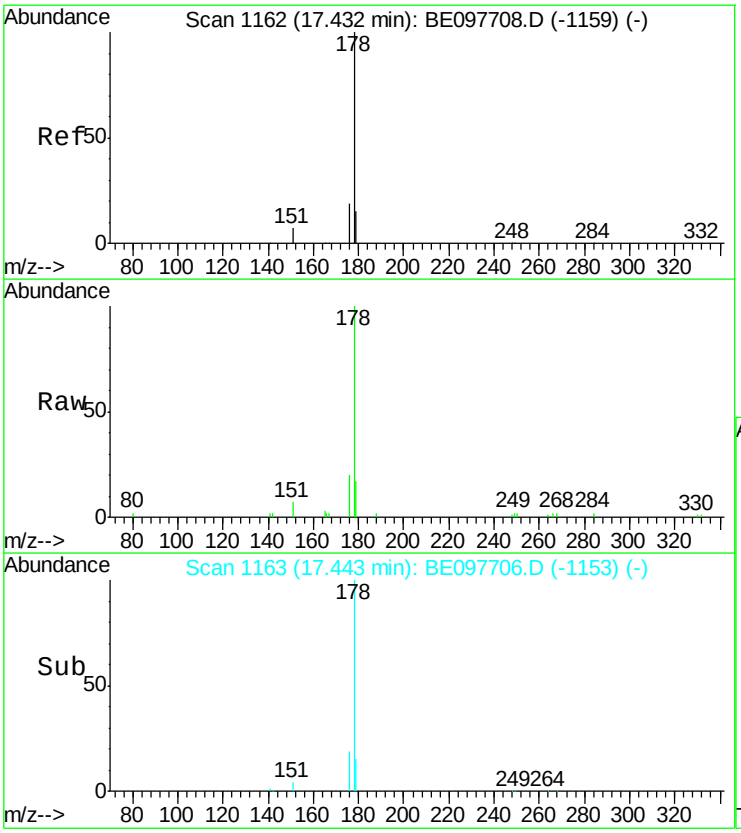
#23
Phenanthrene
Concen: 0.102 ng
RT: 17.35 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 8738

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.5	12.2	18.4

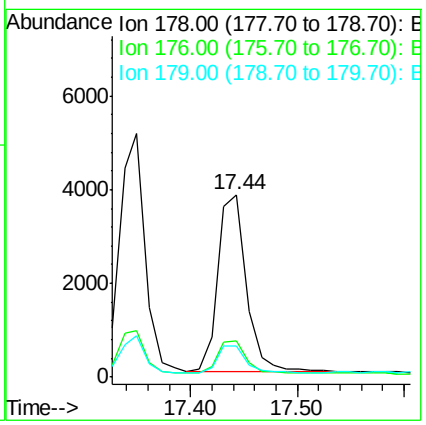


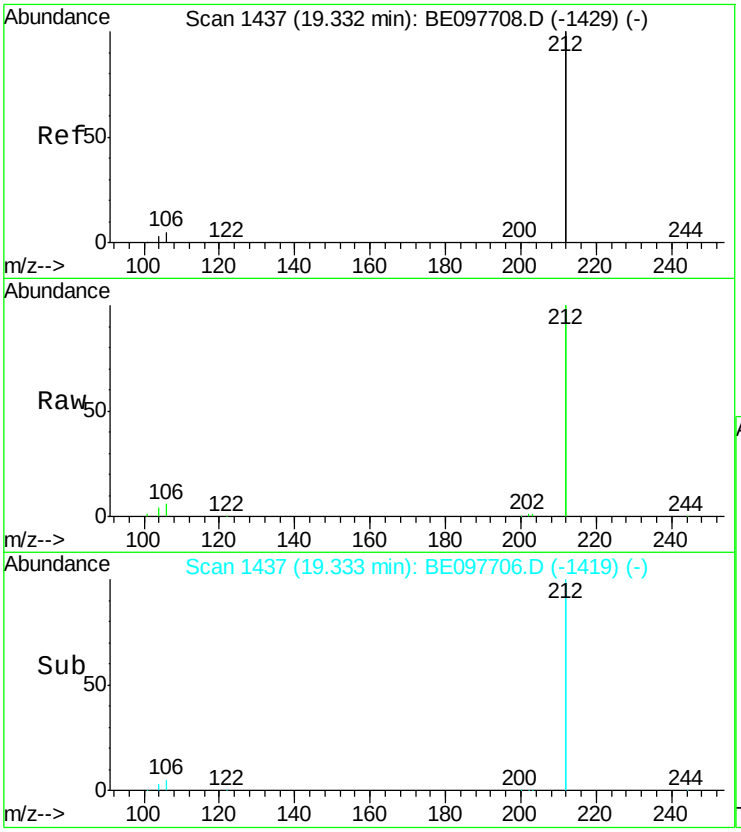


#24
Anthracene
Concen: 0.099 ng
RT: 17.44 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:178 Resp: 6972

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	16.1	12.2	18.2



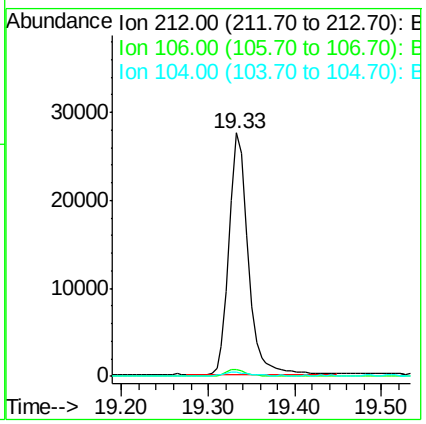


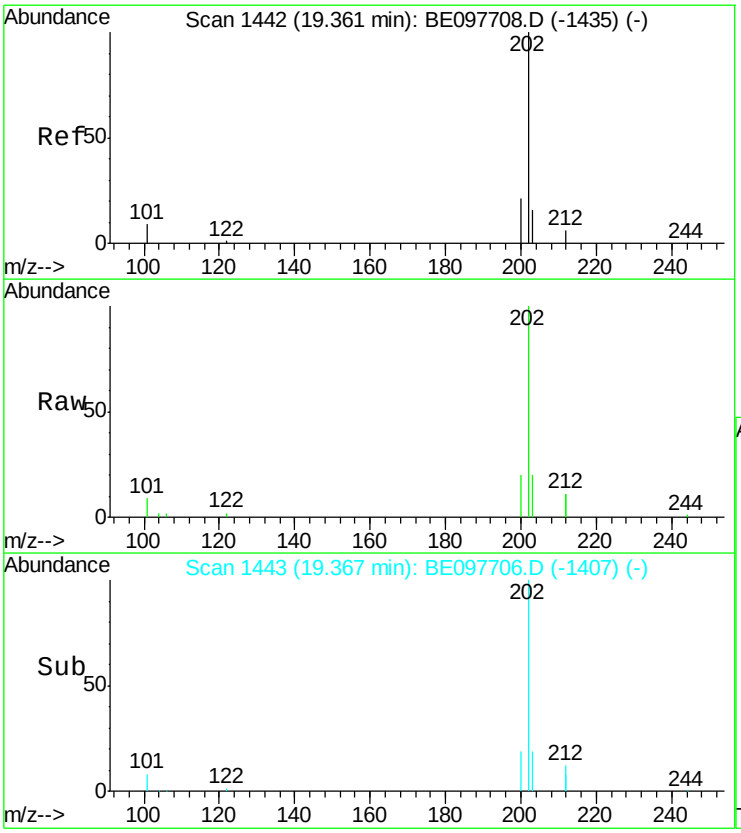
#25
Fluoranthene-d10
Concen: 0.103 ng
RT: 19.33 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 41283

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.2
104	1.6	1.2	1.8

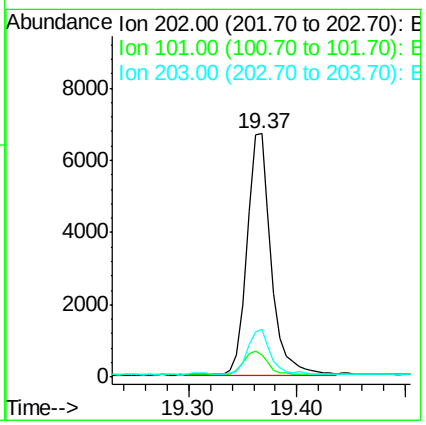


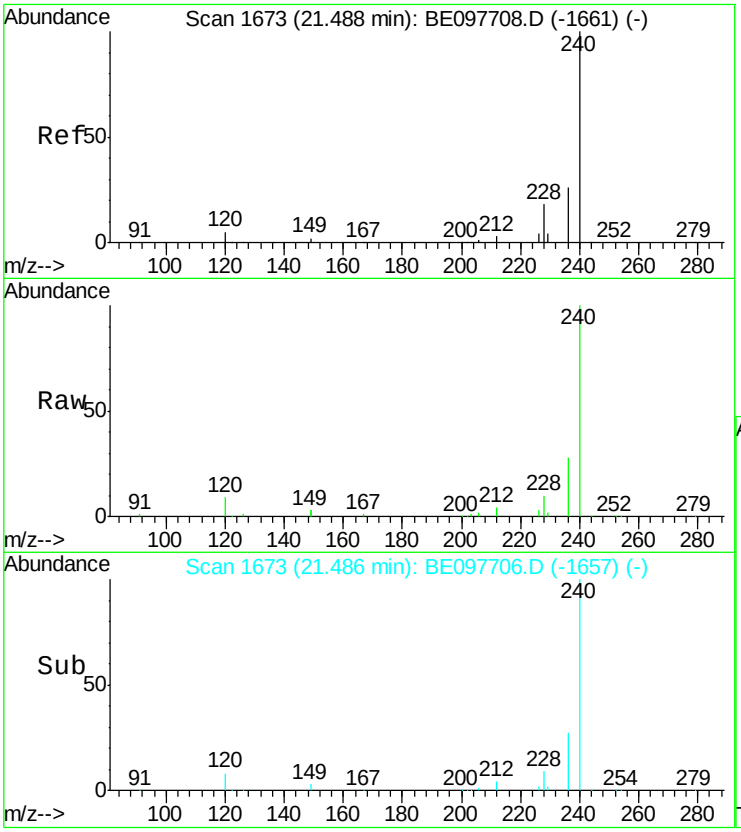


#26
Fluoranthene
Concen: 0.097 ng
RT: 19.37 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:202 Resp: 10383

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.8	11.8
203	17.6	13.8	20.6



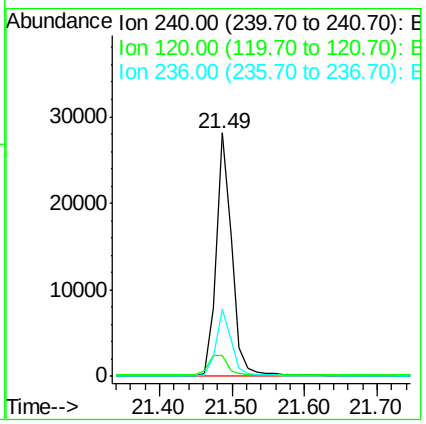


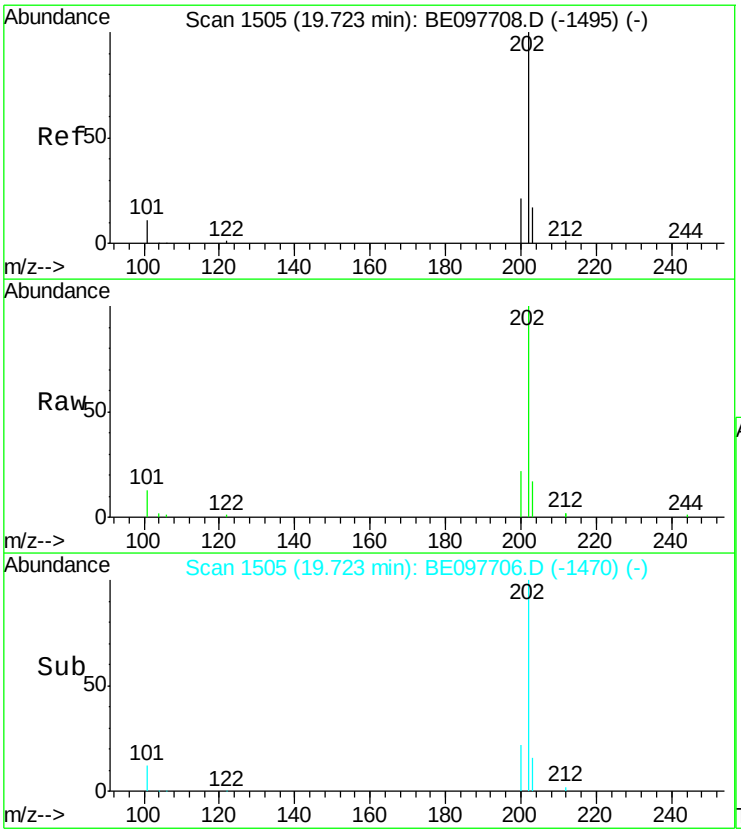
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 42216

Ion	Ratio	Lower	Upper
240	100		
120	8.6	4.7	7.1#
236	27.6	20.8	31.2

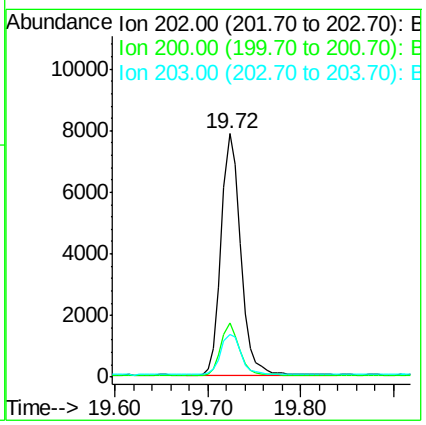


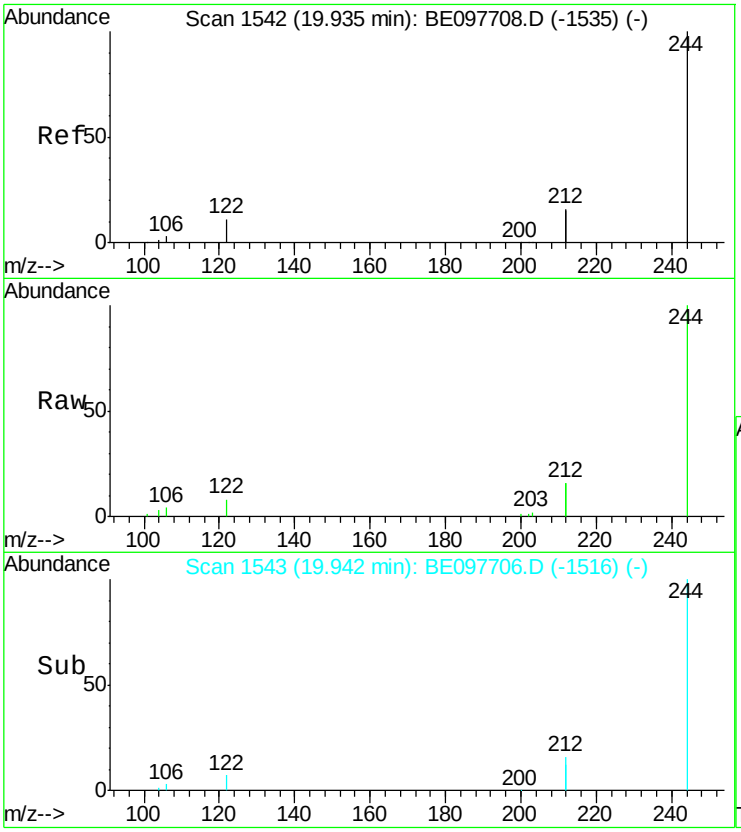


#28
Pyrene
Concen: 0.105 ng
RT: 19.72 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:202 Resp: 11514

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.3	13.9	20.9



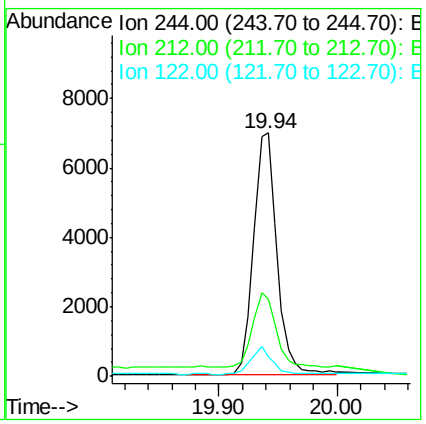


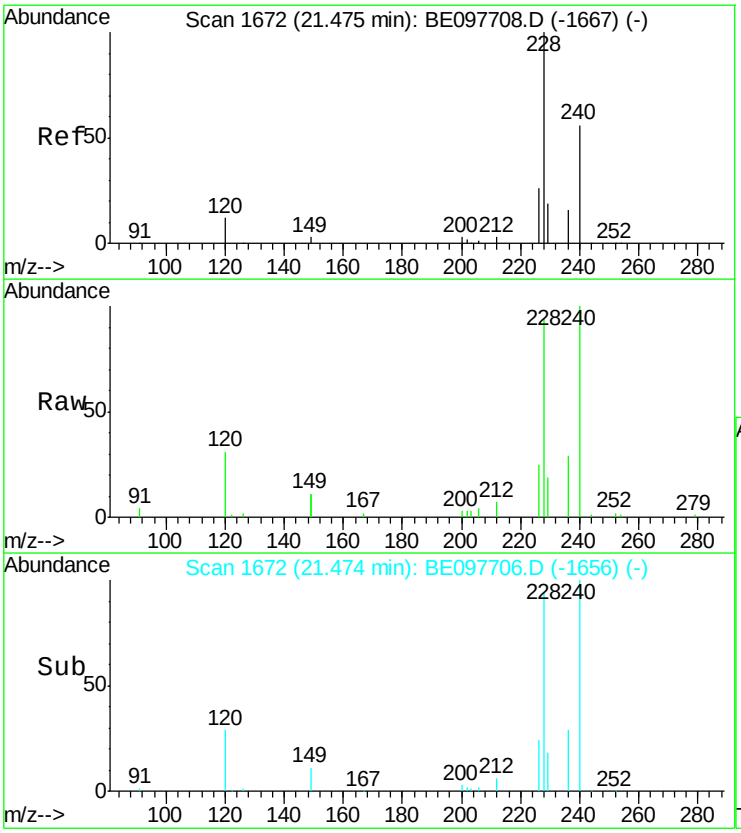
#29
Terphenyl-d14
Concen: 0.105 ng
RT: 19.94 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 9604

Ion	Ratio	Lower	Upper
244	100		
212	31.7	25.8	38.8
122	8.0	8.7	13.1#

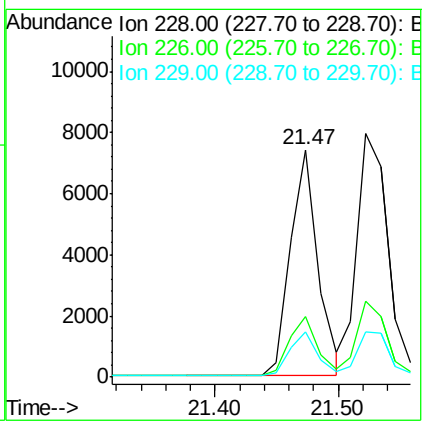


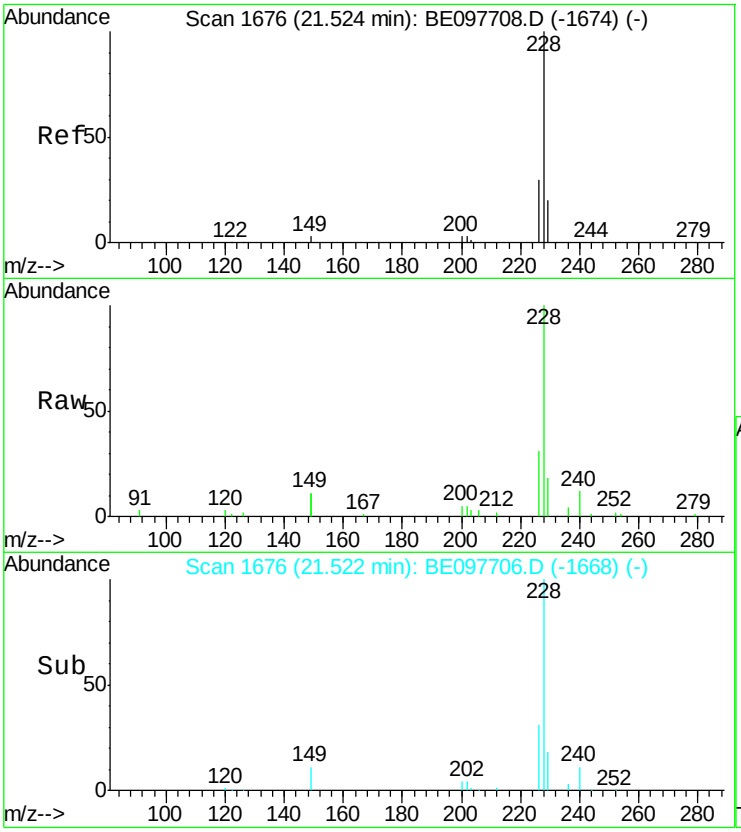


#30
Benzo(a)anthracene
Concen: 0.110 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:228 Resp: 11484

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.7	31.1
229	20.0	15.7	23.5



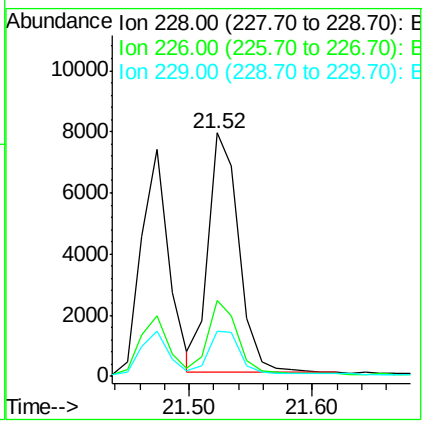


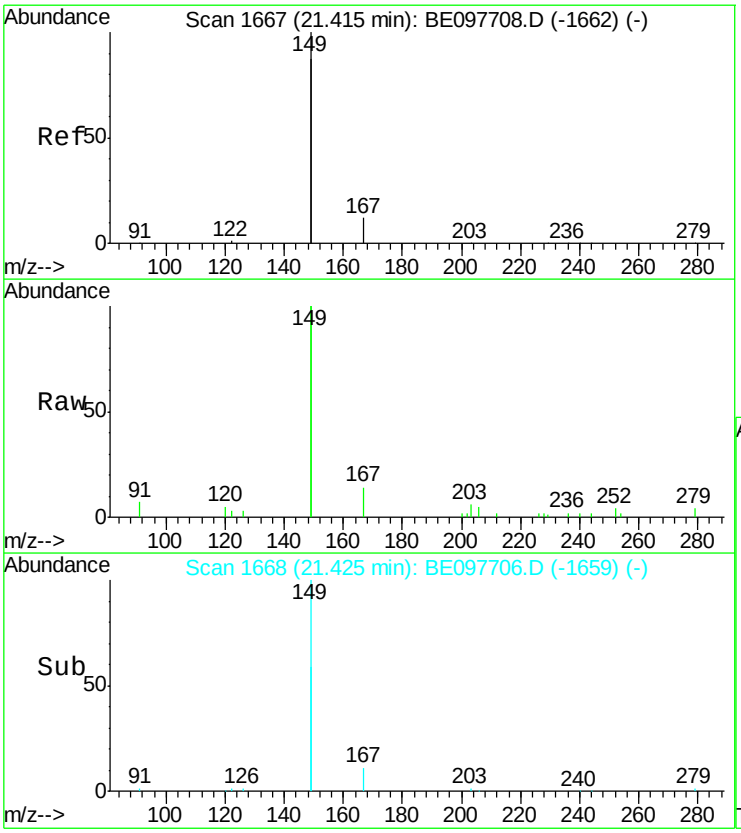
#31
Chrysene
Concen: 0.104 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 13535

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.3	36.5
229	18.5	16.0	24.0

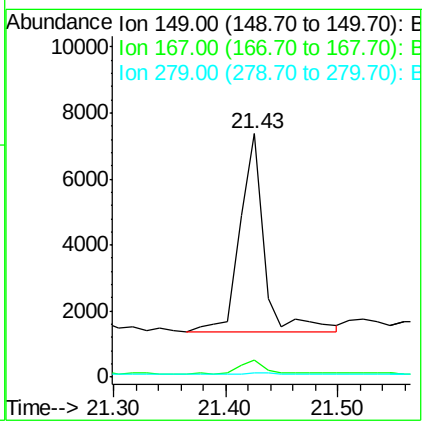


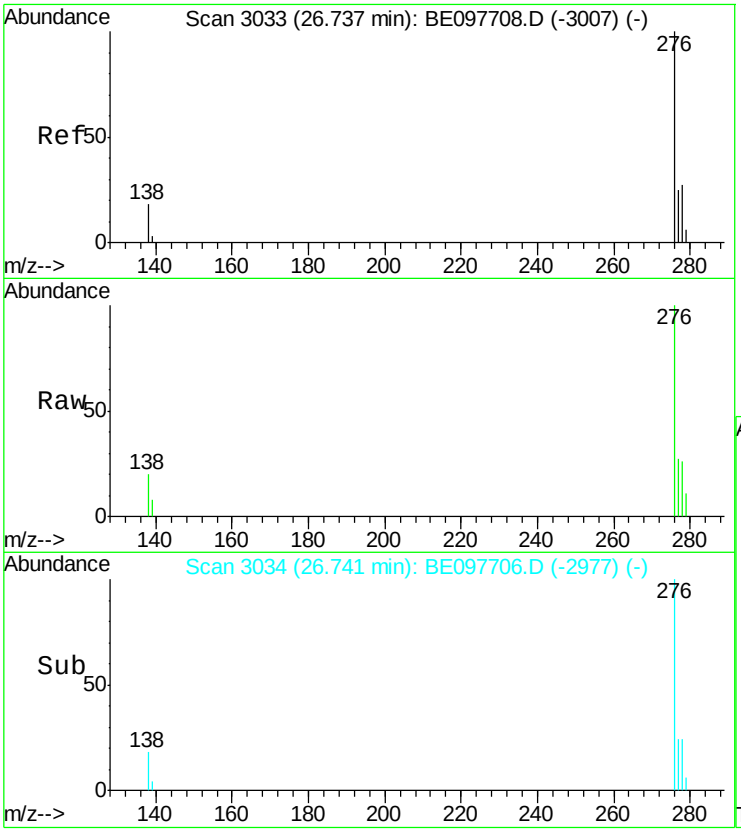


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.071 ng
RT: 21.43 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:149 Resp: 9167

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.5	8.3
279	1.5	0.9	1.3#



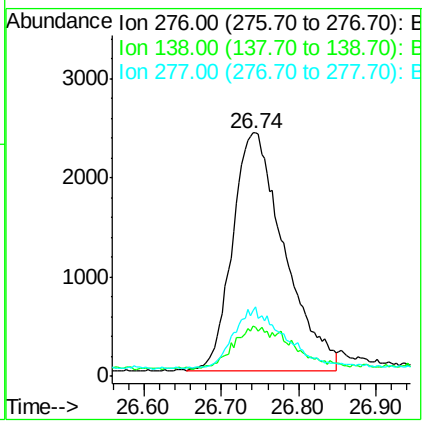


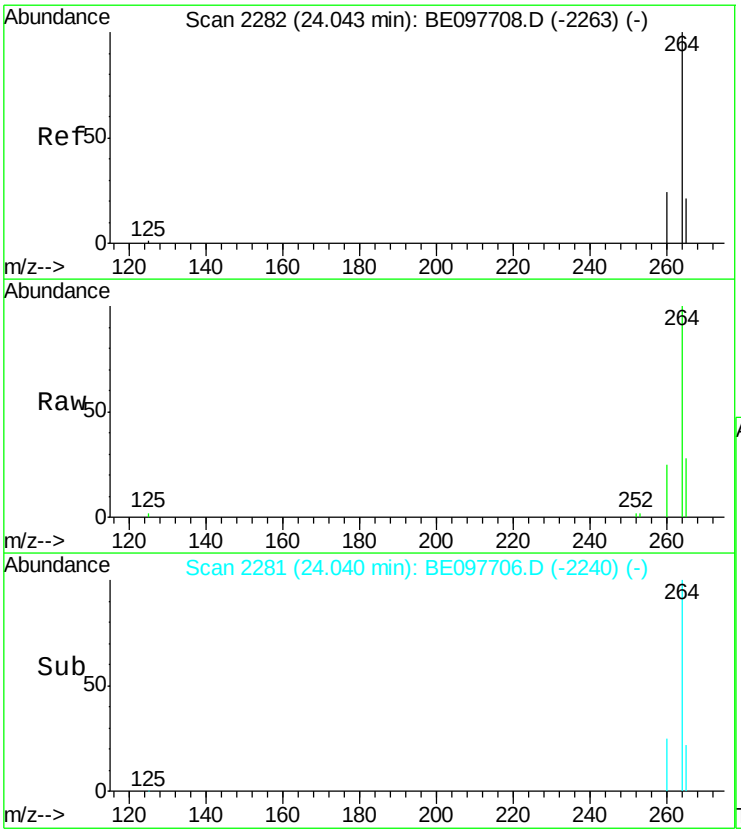
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng
RT: 26.74 min Scan# 3034
Delta R.T. 0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 11071

Ion	Ratio	Lower	Upper
276	100		
138	11.8	15.0	22.6#
277	24.3	19.2	28.8

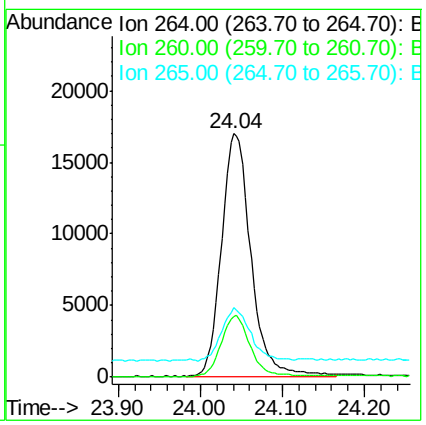


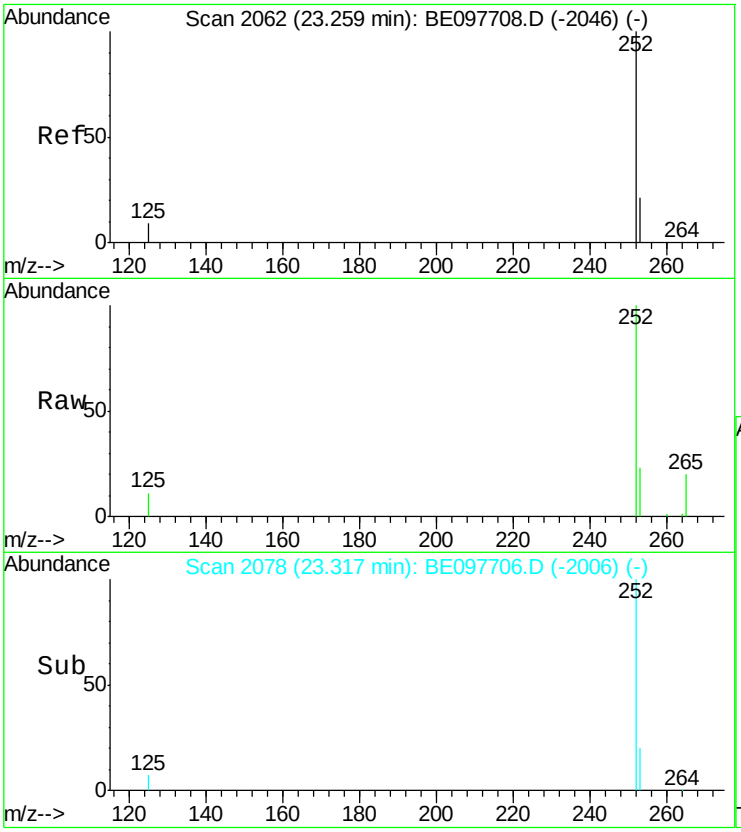


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:264 Resp: 42075

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.1	28.7
265	28.5	21.9	32.9



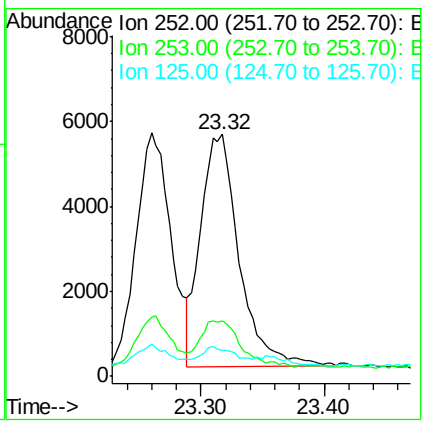


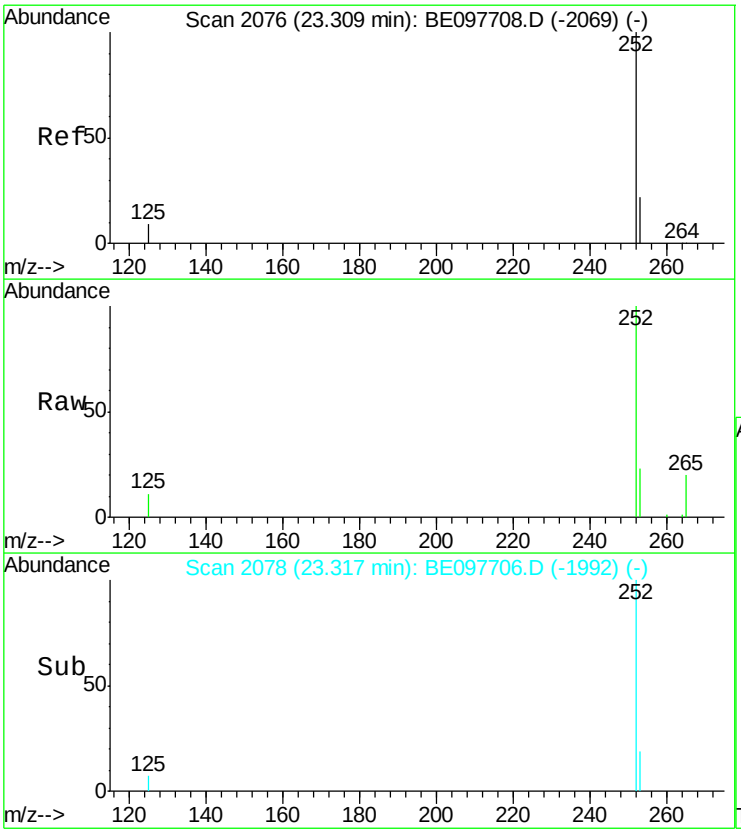
#35
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 23.32 min Scan# 2078
Delta R.T. 0.06 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 11935

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	11.0	7.8	11.8

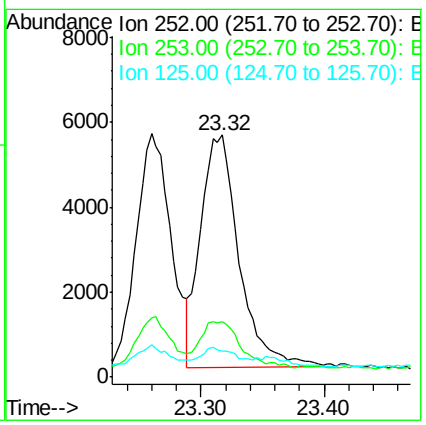


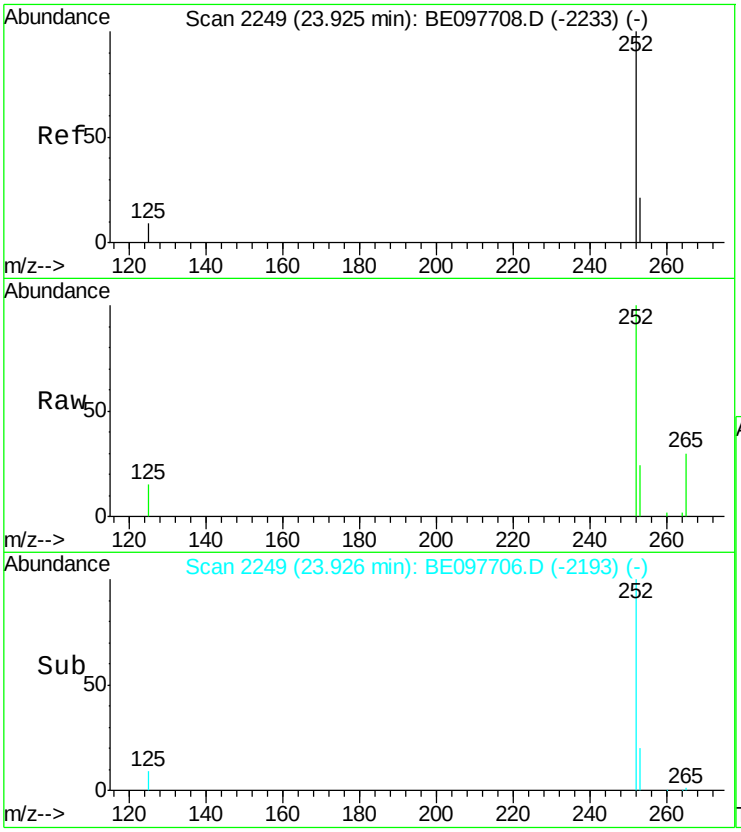


#36
Benzo(k)fluoranthene
Concen: 0.085 ng
RT: 23.32 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:252 Resp: 11935

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	11.0	7.5	11.3



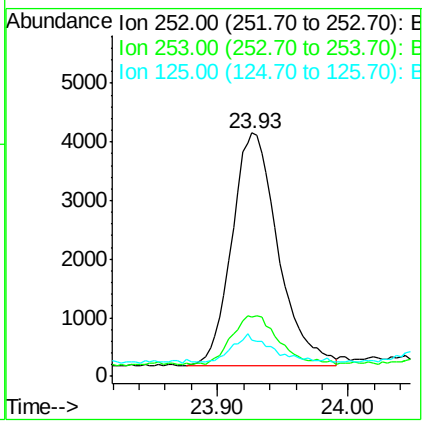


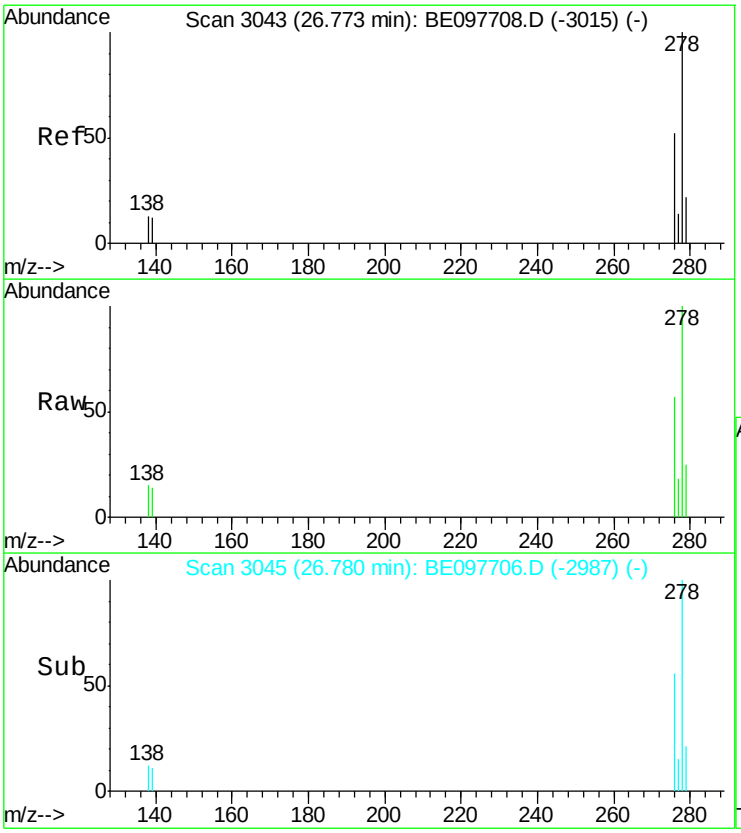
#37
Benzo(a)pyrene
Concen: 0.083 ng
RT: 23.93 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 9696

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	14.7	8.3	12.5#

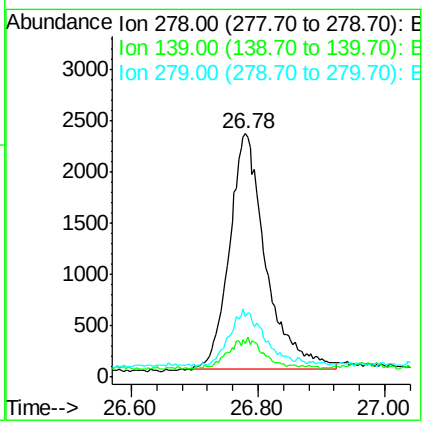


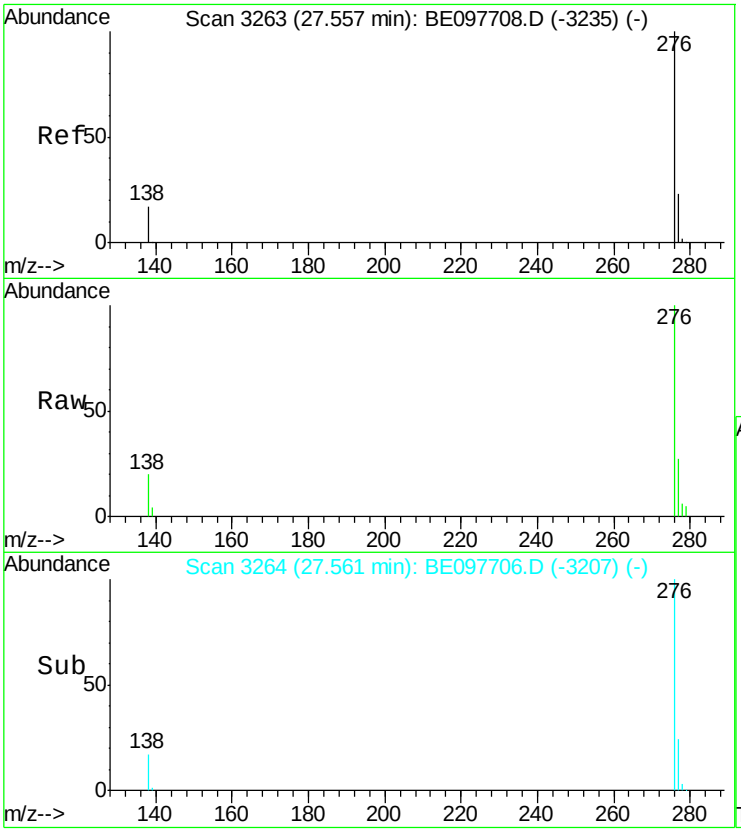


#38
Dibenzo(a,h)anthracene
Concen: 0.073 ng
RT: 26.78 min Scan# 3045
Delta R.T. 0.01 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Tgt Ion:278 Resp: 9225

Ion	Ratio	Lower	Upper
278	100		
139	14.0	10.3	15.5
279	24.9	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.080 ng
RT: 27.56 min Scan# 3264
Delta R.T. 0.00 min
Lab File: BE097706.D
Acq: 3 Oct 2018 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 10267

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.1	28.7
138	20.1	14.2	21.2