Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097709.D
Acq On : 3 Oct 2018 10:18
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Oct 03 11:31:49 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	5057	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	21247	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	12223	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	32893	0.40	ng		0.00
27) Chrysene-d12	21.49	240	42901	0.40	ng		0.00
34) Perylene-d12	24.04	264	37303	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	9344	0.75	ng		0.00
5) Phenol-d6	7.04	99	14201	0.82	ng		0.00
8) Nitrobenzene-d5	9.04	82	5298	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	26672	0.81	ng		0.00
14) 2,4,6-Tribromophenol	16.04	330	1662	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.19	172	41155	0.80	ng		0.00
25) Fluoranthene-d10	19.33	212	326979	0.82	ng		0.00
29) Terphenyl-d14	19.94	244	69243	0.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	7688	0.729	ng		97
3) n-Nitrosodimethylamine	3.70	42	7184	1.134	ng	#	85
6) bis(2-Chloroethyl)ether	7.31	93	15091	0.894	ng		98
9) Naphthalene	10.74	128	166864	0.795	ng		100
10) Hexachlorobutadiene	11.04	225	8957	0.913	ng		98
12) 2-Methylnaphthalene	12.37	142	27042	0.843	ng		98
16) Acenaphthylene	14.27	152	42425	0.813	ng		99
17) Acenaphthene	14.62	154	27231	0.776	ng		98
18) Fluorene	15.60	166	36039	0.803	ng		99
20) 4-Bromophenyl-phenylether	16.50	248	13640	0.814	ng		99
21) Hexachlorobenzene	16.60	284	15083	0.800	ng		98
22) Pentachlorophenol	16.95	266	2311	0.533	ng		96
23) Phenanthrene	17.34	178	66287	0.779	ng		99
24) Anthracene	17.43	178	57943	0.828	ng		100
26) Fluoranthene	19.36	202	86095	0.816	ng		99
28) Pyrene	19.72	202	86301	0.773	ng		100
30) Benzo(a)anthracene	21.46	228	91341	0.861	ng		97
31) Chrysene	21.52	228	102330	0.771	ng		99
32) Bis(2-ethylhexyl)phthalate	21.41	149	64021	0.489	ng		100
33) Indeno(1,2,3-cd)pyrene	26.74	276	88392	0.631	ng	#	89
35) Benzo(b)fluoranthene	23.26	252	81556	0.756	ng		99
36) Benzo(k)fluoranthene	23.31	252	92737	0.746	ng		99
37) Benzo(a)pyrene	23.93	252	74276	0.718	ng		99
38) Dibenzo(a,h)anthracene	26.77	278	74447	0.663	ng		100
39) Benzo(g,h,i)perylene	27.56	276	76785	0.675	ng		98

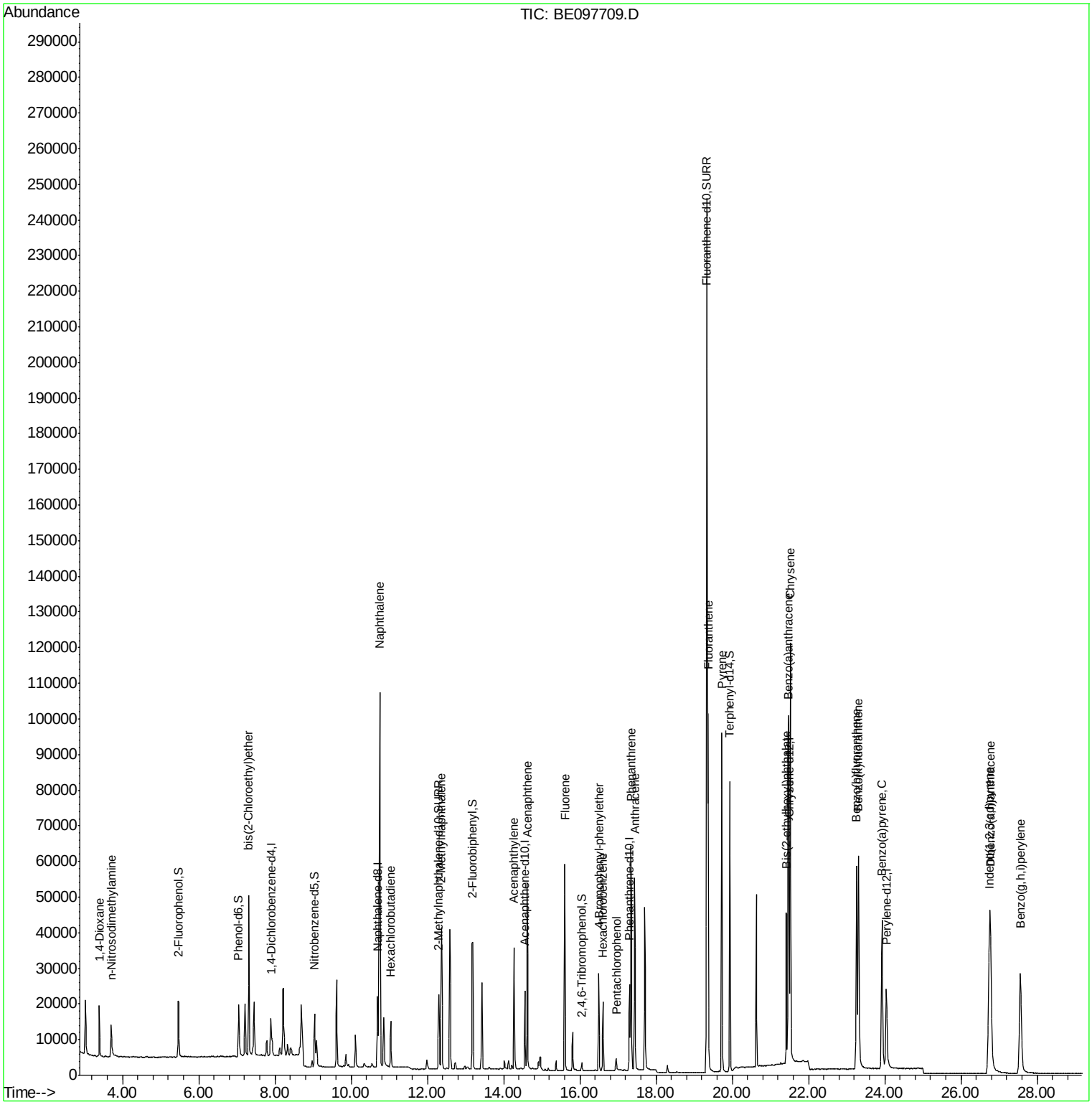
(#) = qualifier out of range (m) = manual integration (+) = signals summed

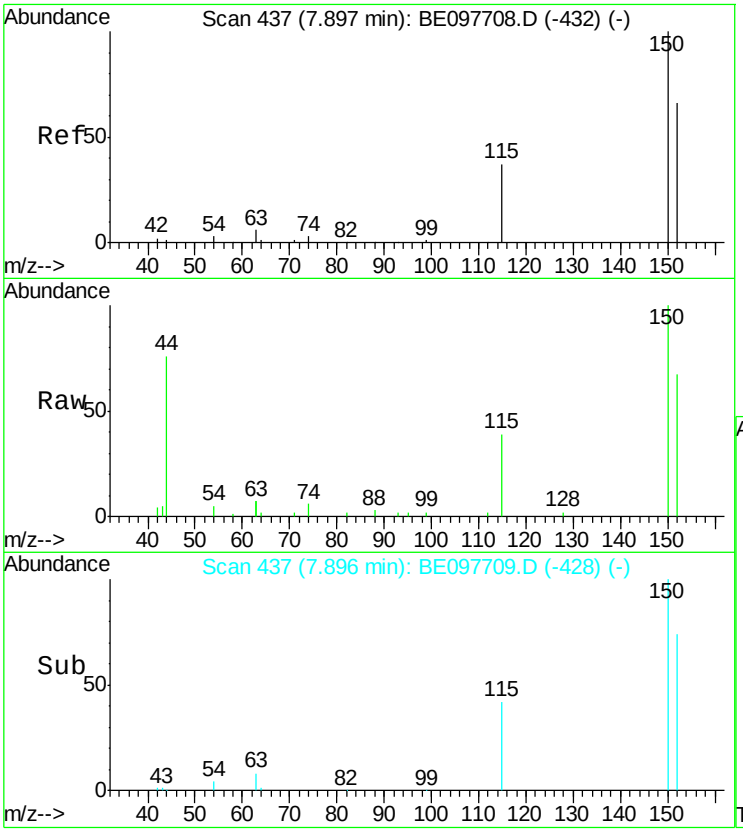
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097709.D
Acq On : 3 Oct 2018 10:18
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 03 11:31:49 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



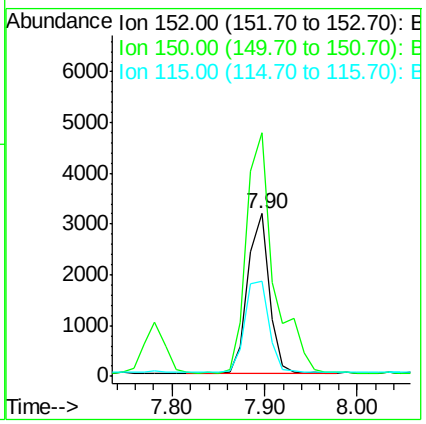


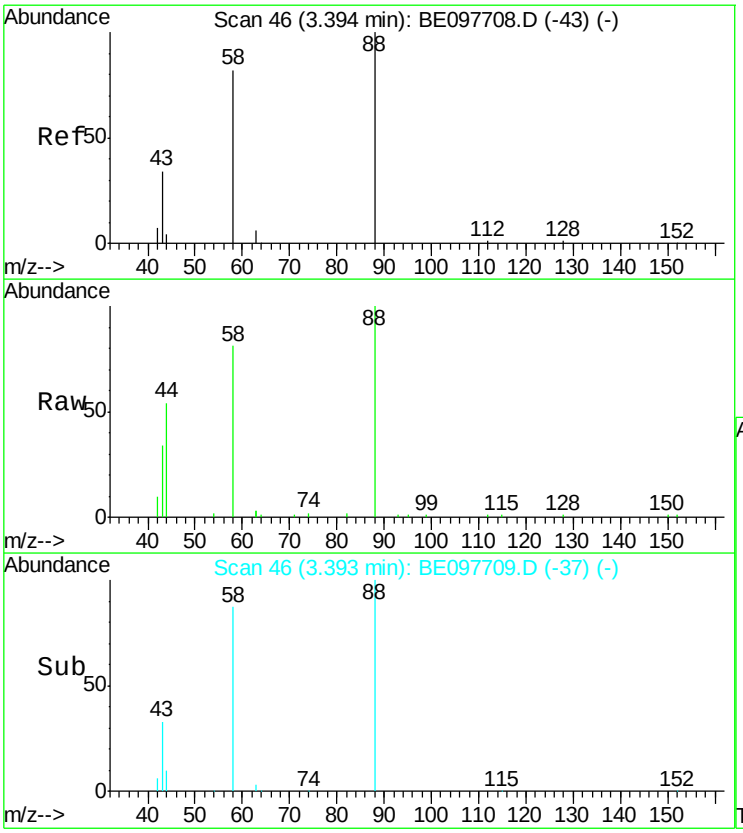
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 5057

Ion	Ratio	Lower	Upper
152	100		
150	149.9	120.9	181.3
115	58.5	46.6	69.8

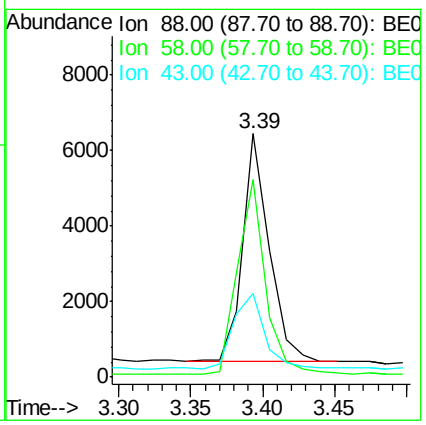


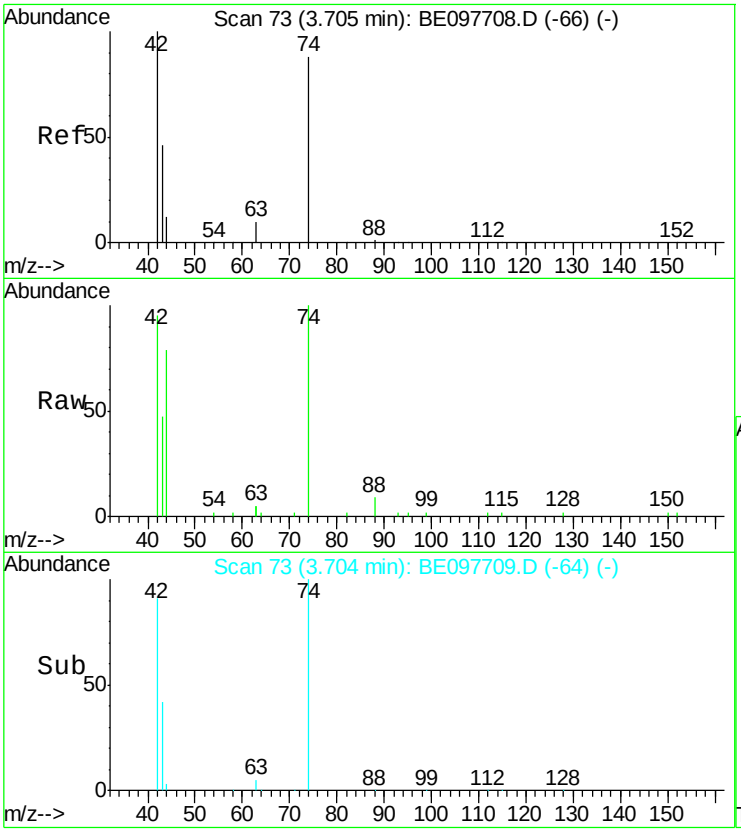


#2
1,4-Dioxane
Concen: 0.729 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion: 88 Resp: 7688

Ion	Ratio	Lower	Upper
88	100		
58	90.0	70.8	106.2
43	37.7	33.3	49.9



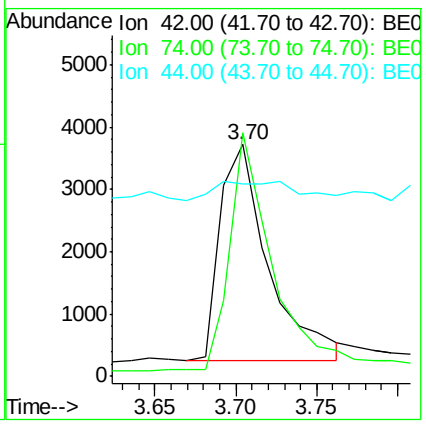


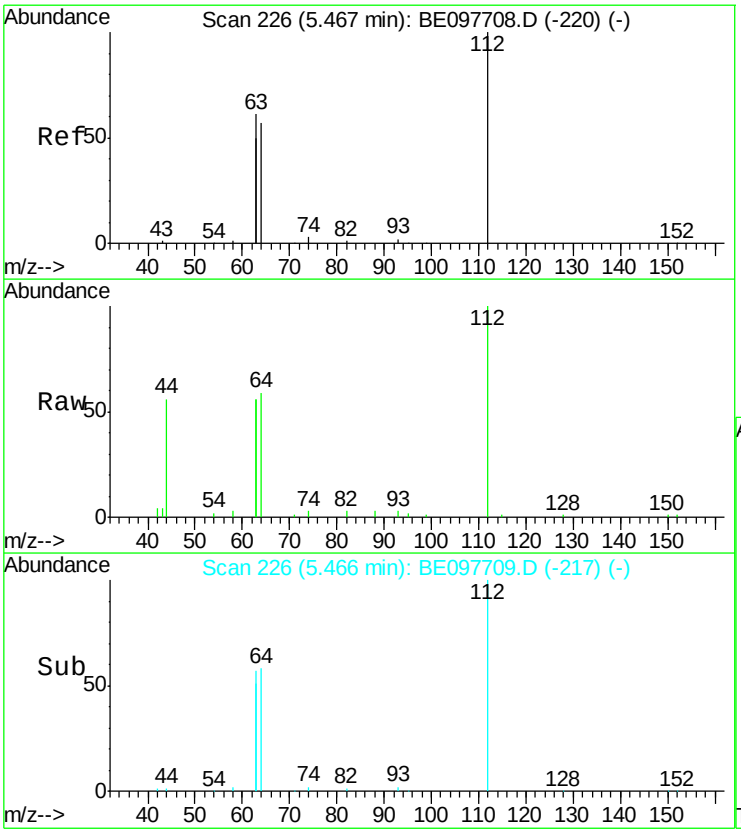
#3
n-Nitrosodimethylamine
Concen: 1.134 ng
RT: 3.70 min Scan# 73
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 7184

Ion	Ratio	Lower	Upper
42	100		
74	96.7	70.7	106.1
44	0.0	15.0	22.4#

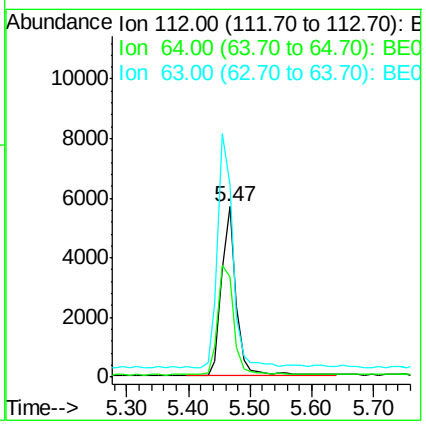


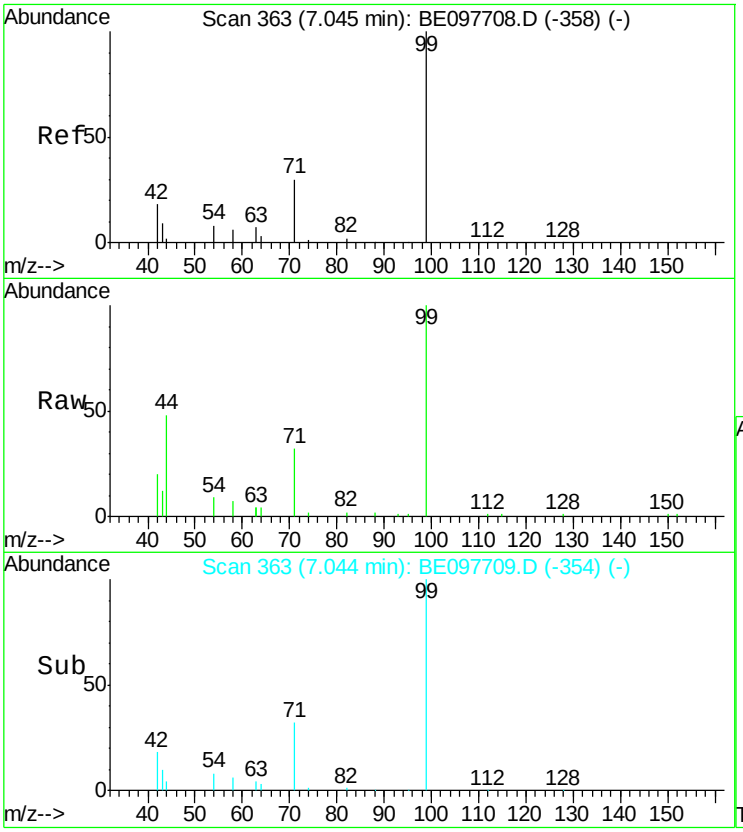


#4
2-Fluorophenol
Concen: 0.748 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:112 Resp: 9344

Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.6	84.8
63	143.6	119.4	179.0



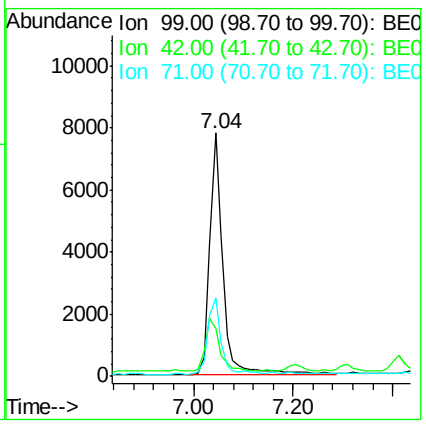


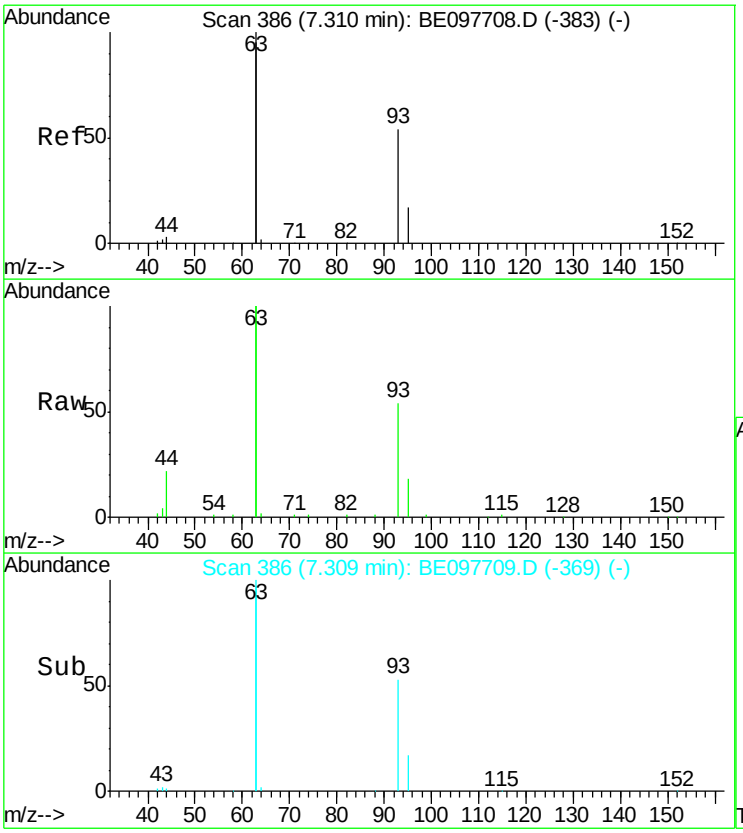
#5
Phenol-d6
Concen: 0.824 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 14201

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.9	29.9
71	32.1	25.4	38.2

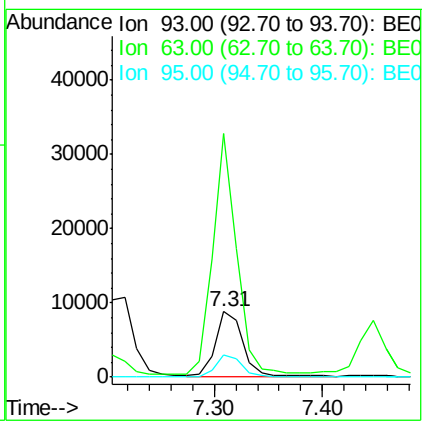


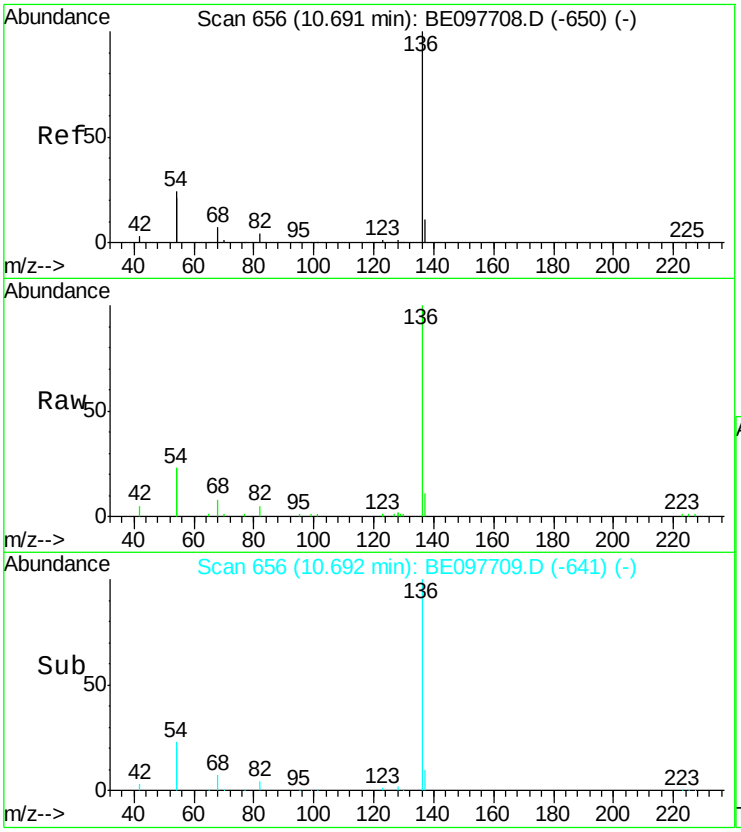


#6
bis(2-Chloroethyl)ether
Concen: 0.894 ng
RT: 7.31 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion: 93 Resp: 15091

Ion	Ratio	Lower	Upper
93	100		
63	329.2	266.9	400.3
95	31.9	26.2	39.2



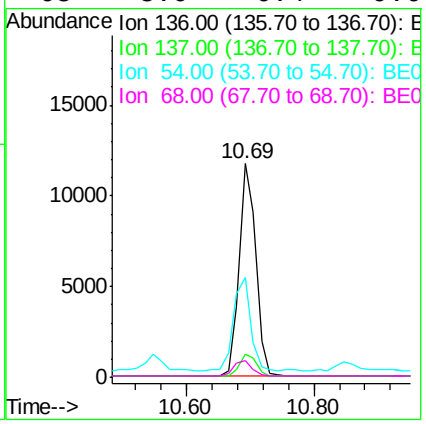


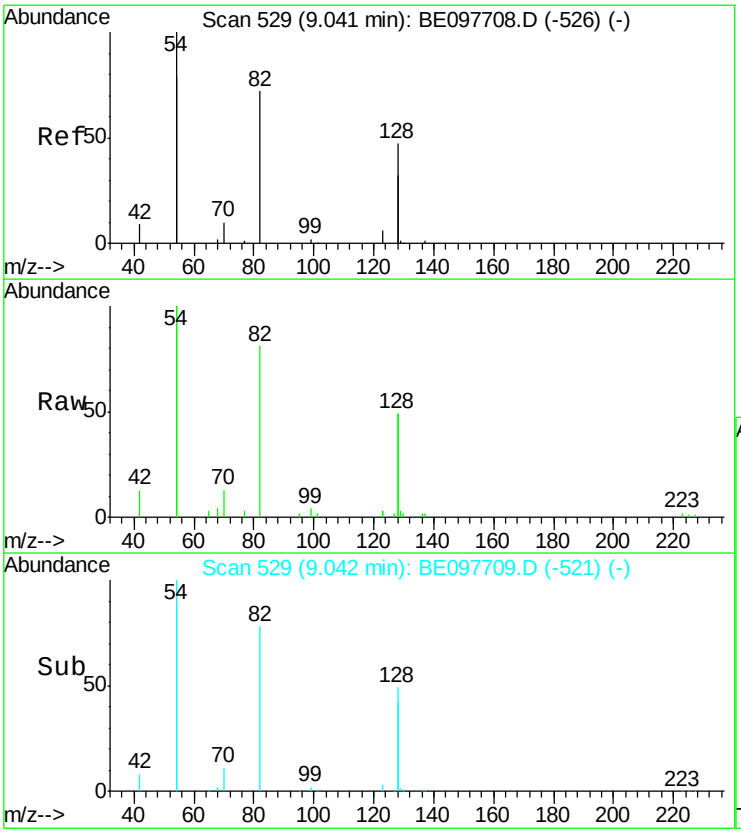
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 21247

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	46.5	37.8	56.6
68	8.0	6.4	9.6

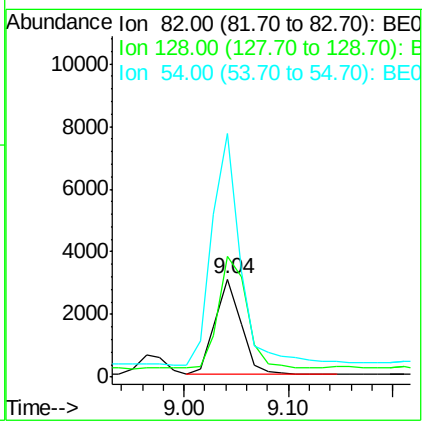


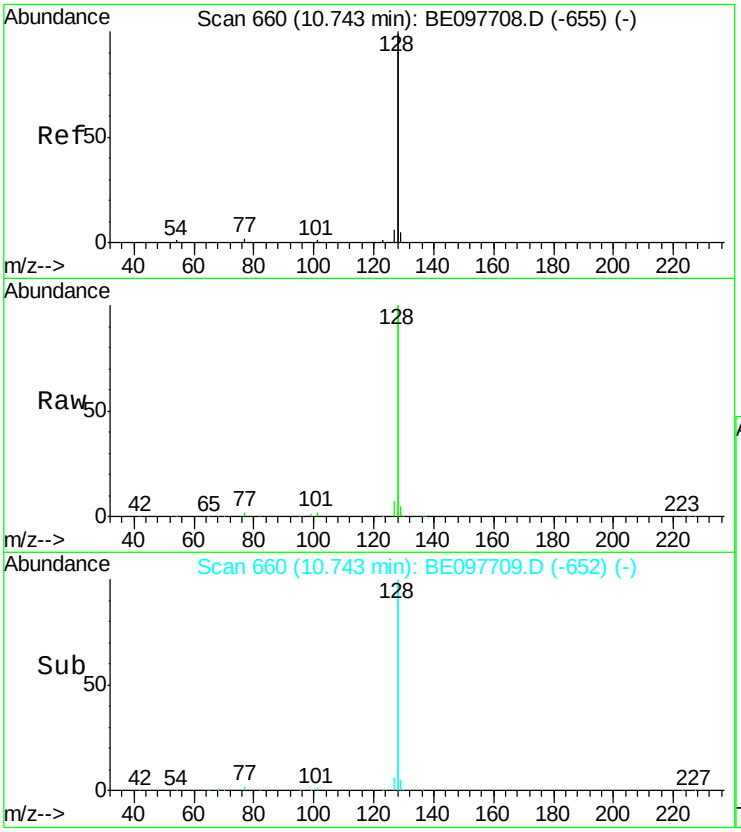


#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion: 82 Resp: 5298

Ion	Ratio	Lower	Upper
82	100		
128	122.4	97.0	145.4
54	247.7	206.9	310.3



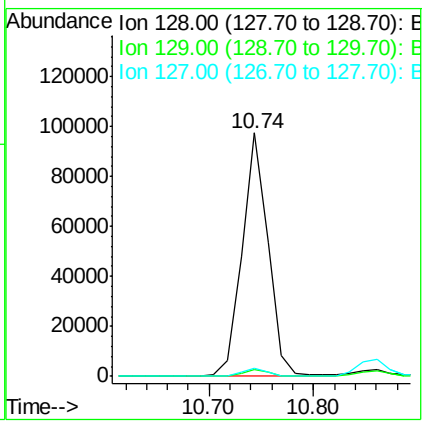


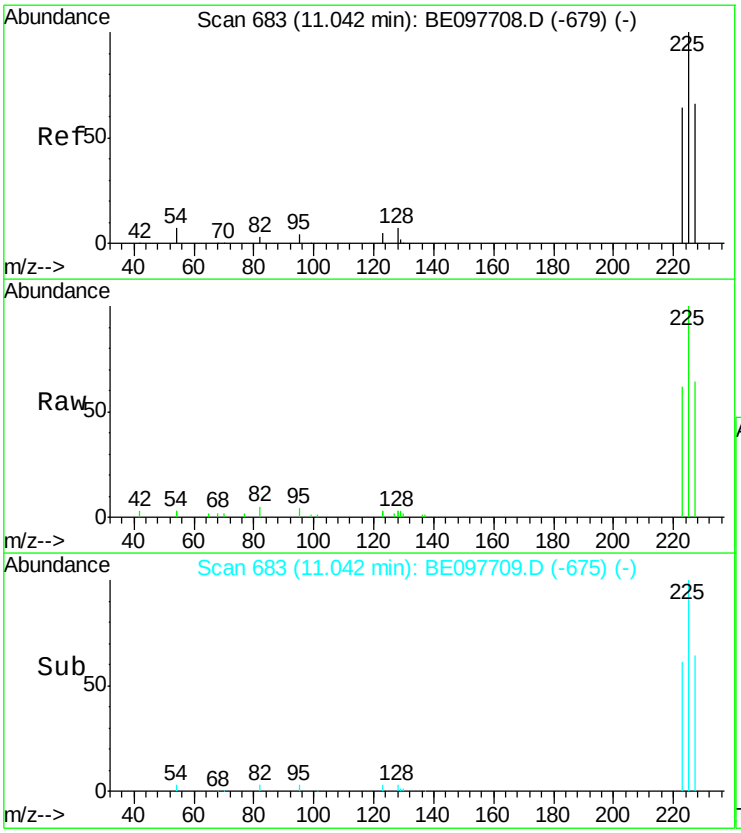
#9
Naphthalene
Concen: 0.795 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 166864

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.2
127	3.3	2.7	4.1

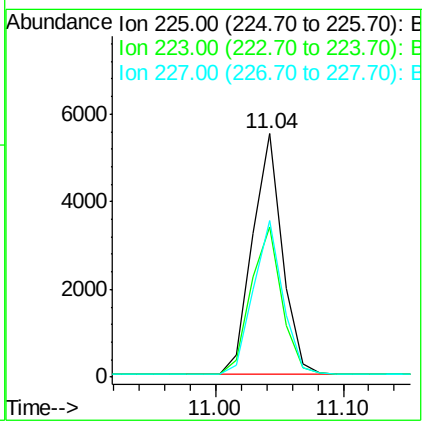


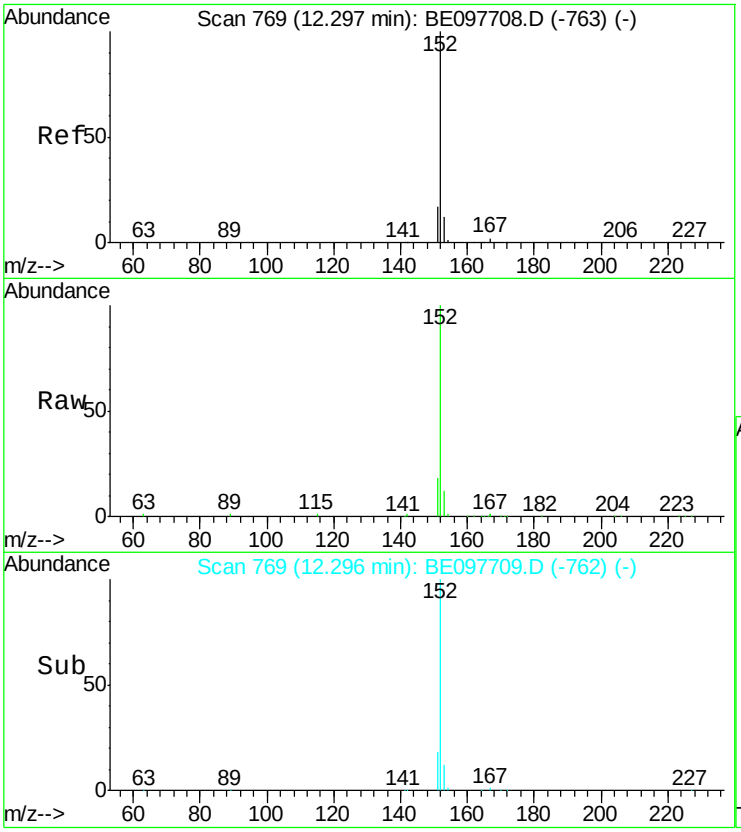


#10
Hexachlorobutadiene
Concen: 0.913 ng
RT: 11.04 min Scan# 683
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:225 Resp: 8957

Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.4
227	63.1	51.2	76.8



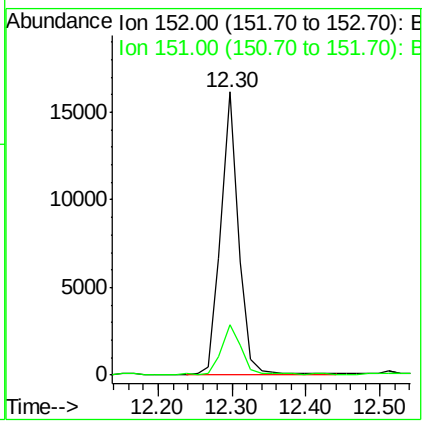


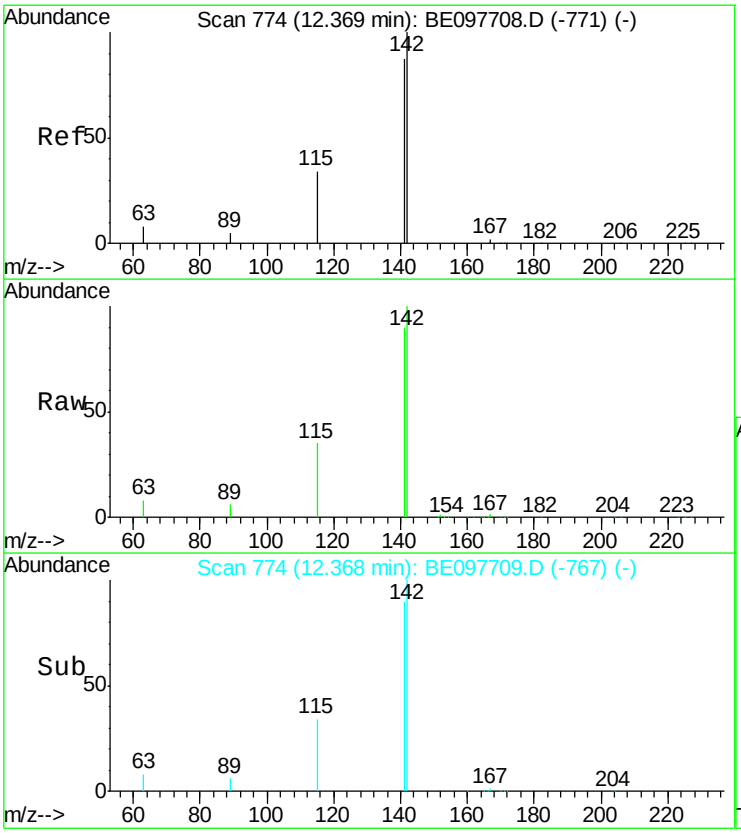
#11
2-Methylnaphthalene-d10
Concen: 0.808 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 26672

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

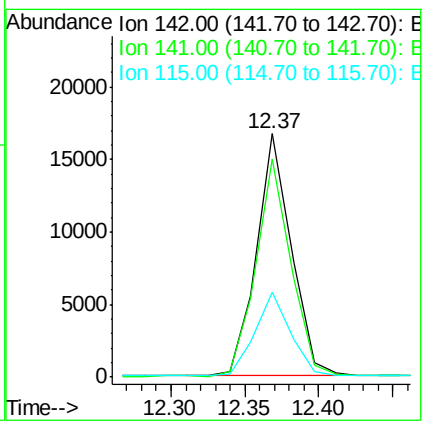


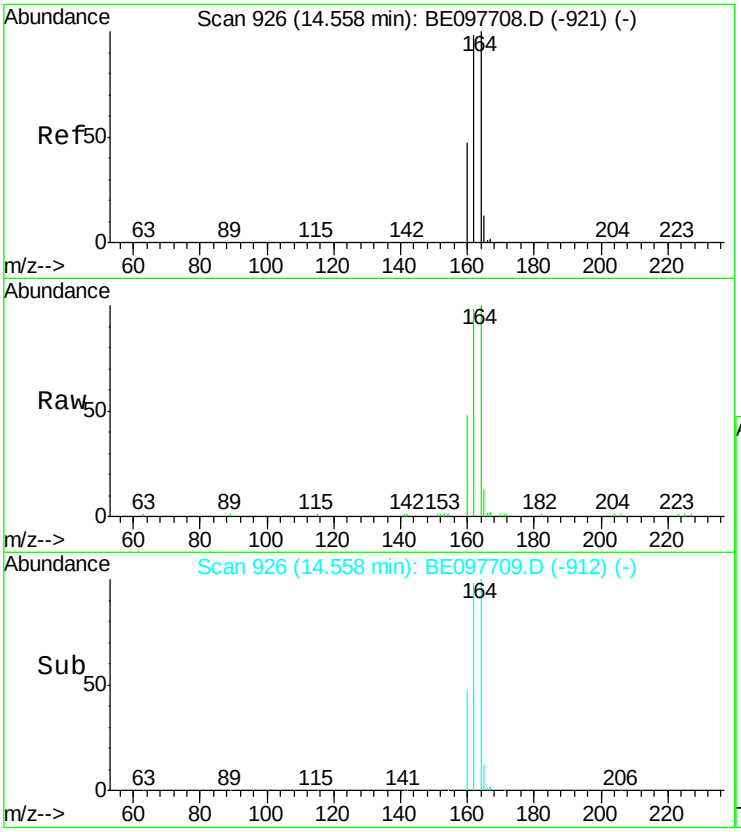


#12
2-Methylnaphthalene
Concen: 0.843 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:142 Resp: 27042

Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.4	104.2
115	34.8	28.0	42.0



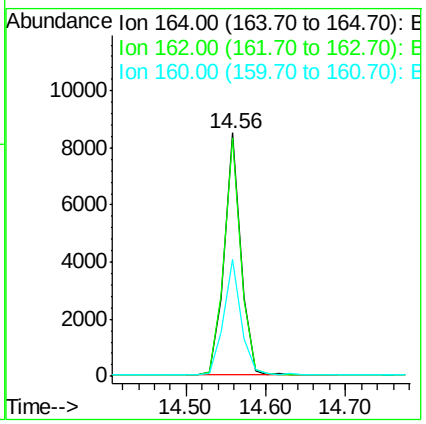


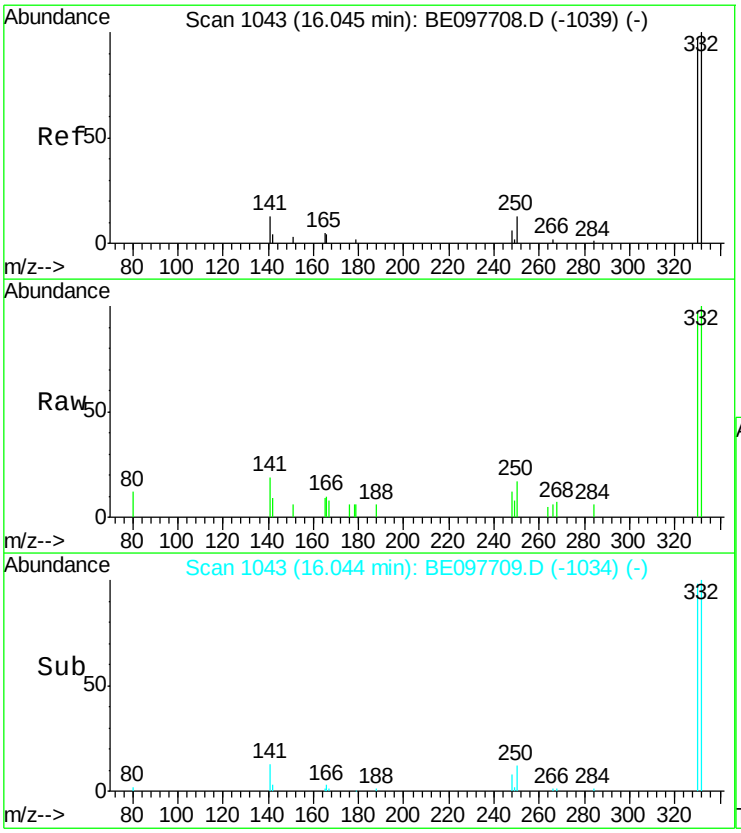
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 12223

Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.6	117.8
160	47.9	37.8	56.6

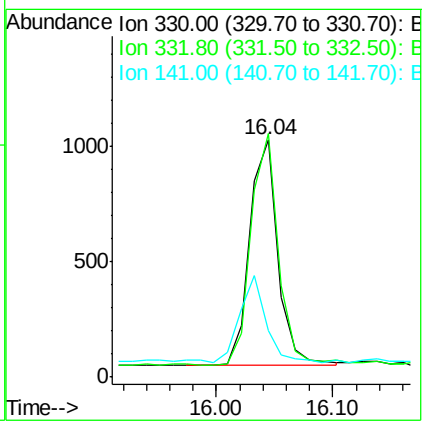


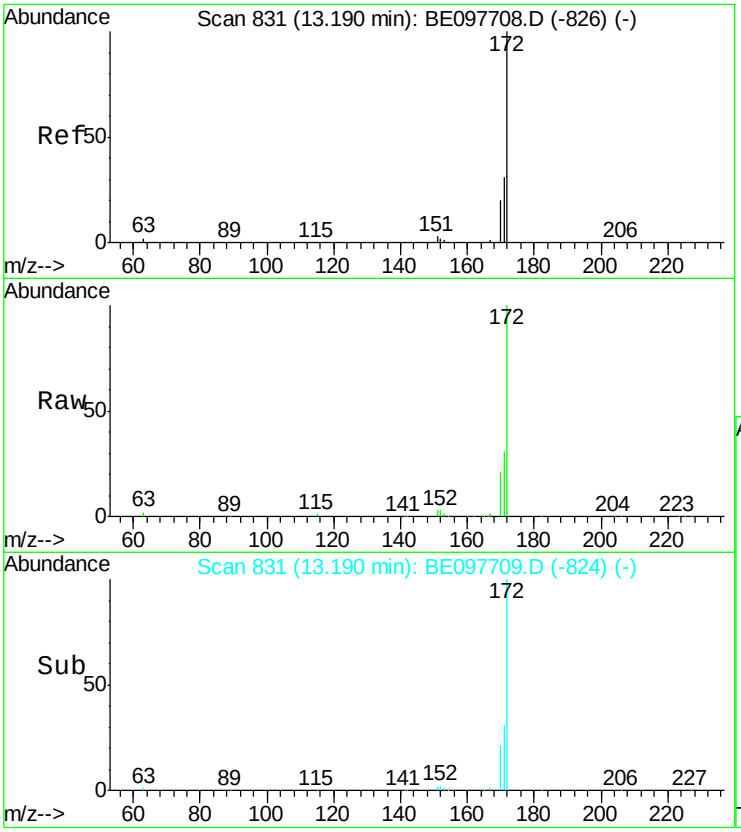


#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:330 Resp: 1662

Ion	Ratio	Lower	Upper
330	100		
332	100.4	83.5	125.3
141	35.9	34.9	52.3



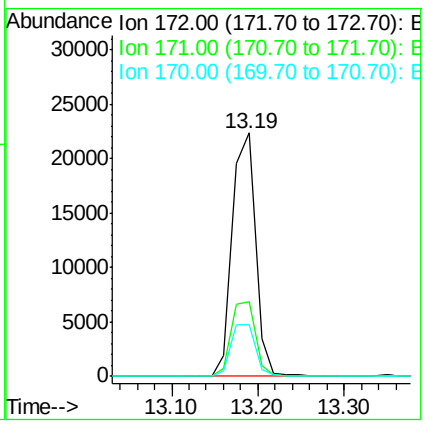


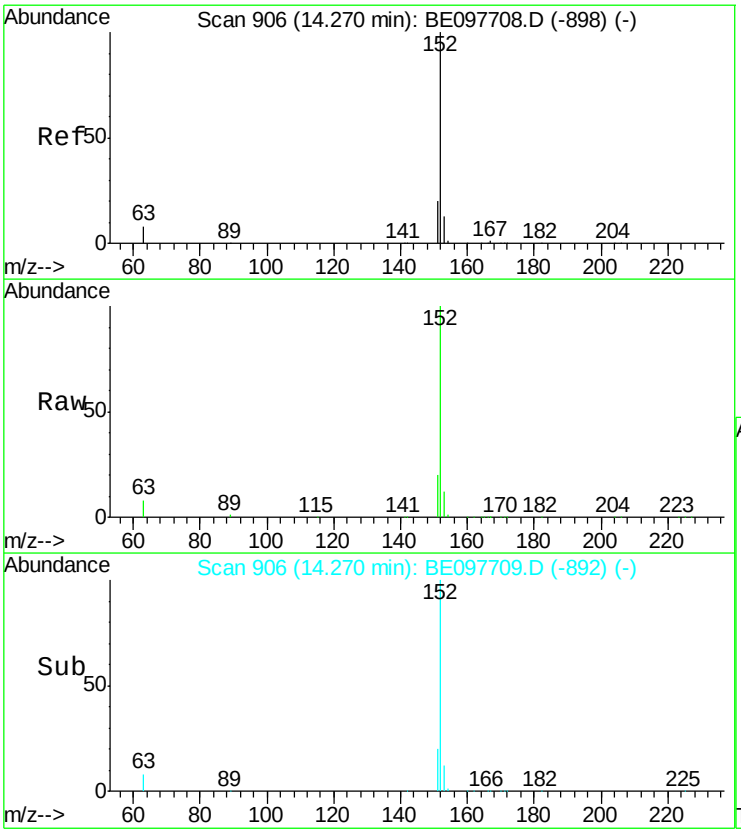
#15
2-Fluorobiphenyl
Concen: 0.801 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 41155

Ion	Ratio	Lower	Upper
172	100		
171	30.9	25.2	37.8
170	21.1	16.2	24.2

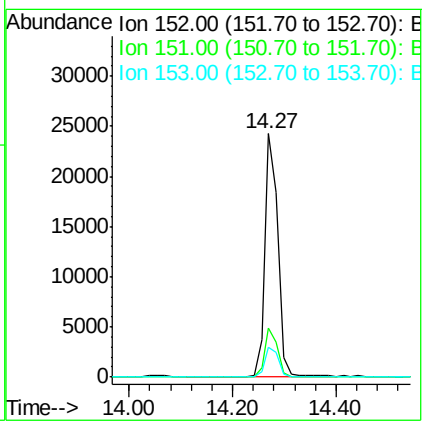


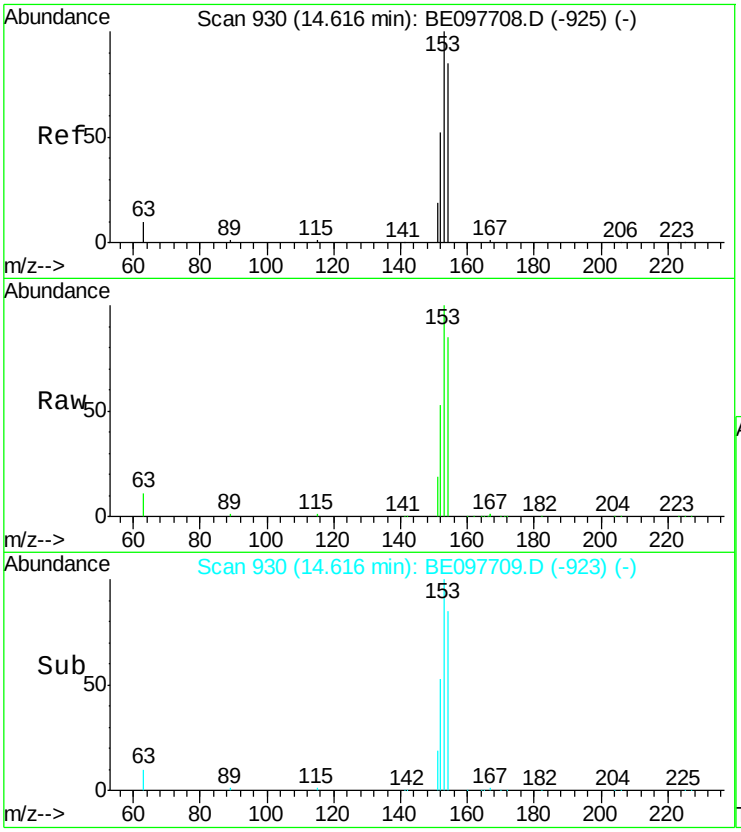


#16
Acenaphthylene
Concen: 0.813 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:152 Resp: 42425

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	12.7	10.8	16.2



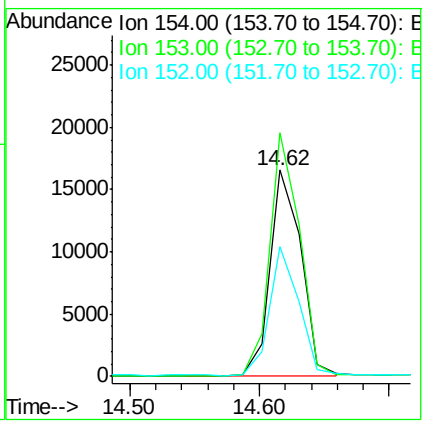


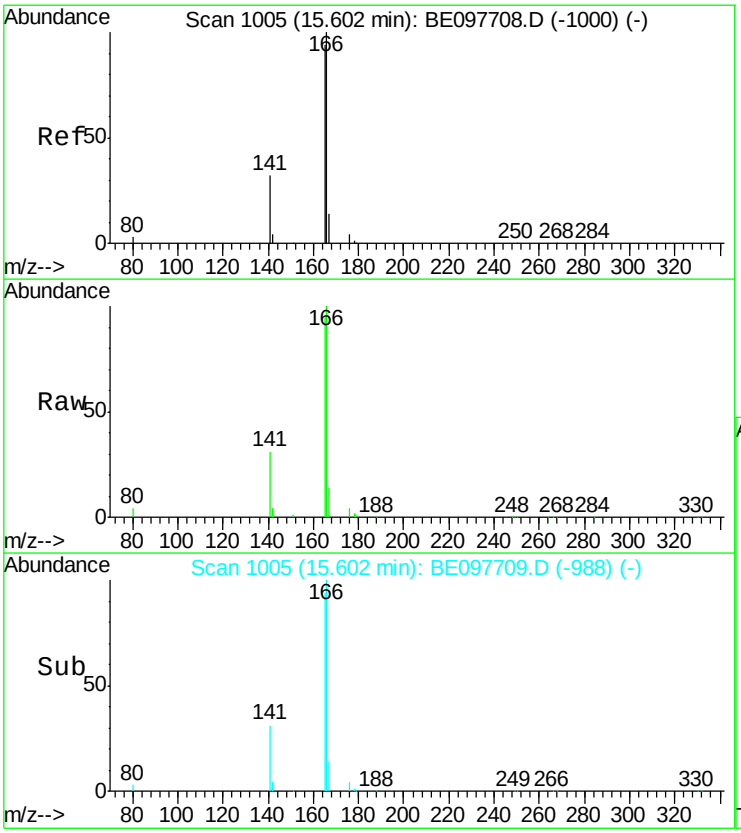
#17
Acenaphthene
Concen: 0.776 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 27231

Ion	Ratio	Lower	Upper
154	100		
153	114.1	93.3	139.9
152	59.6	48.9	73.3

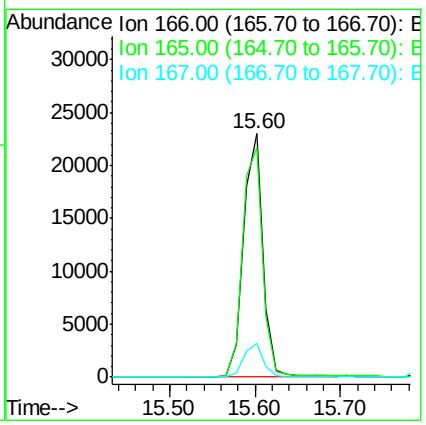


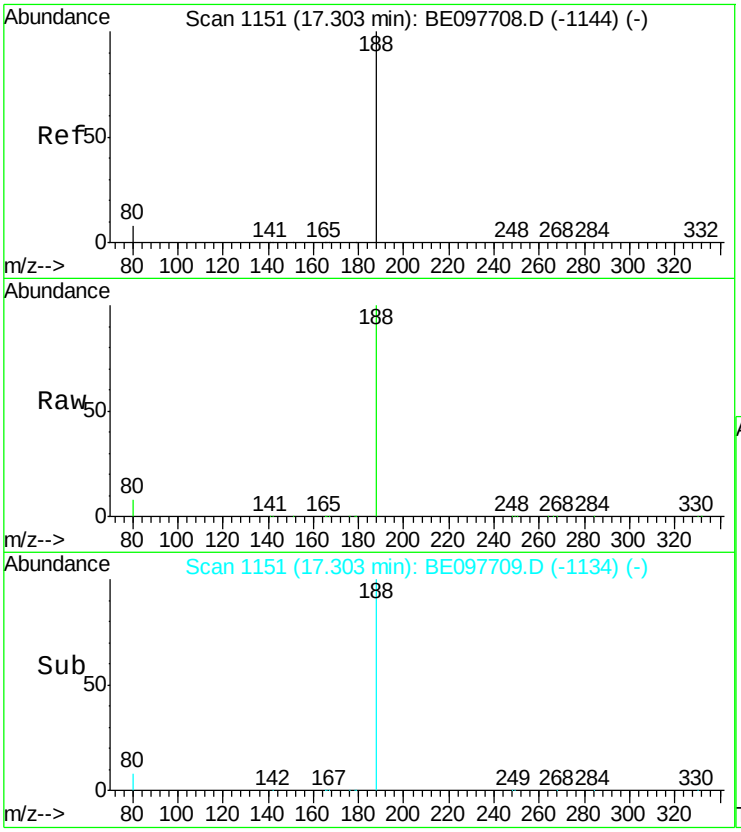


#18
Fluorene
Concen: 0.803 ng
RT: 15.60 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:166 Resp: 36039

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.4
167	13.4	11.1	16.7



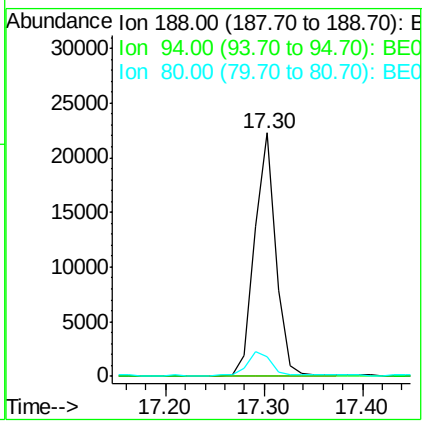


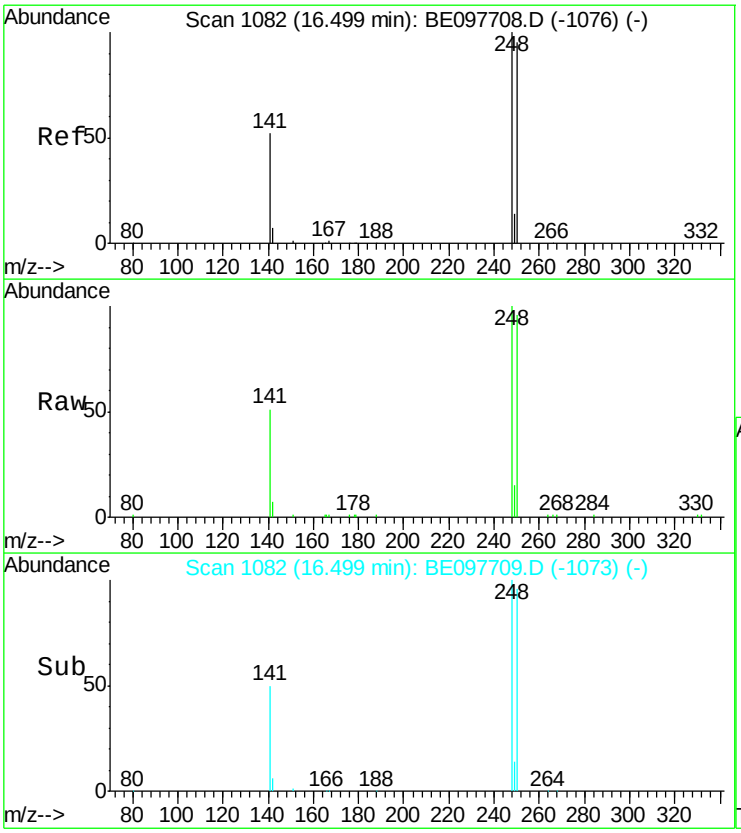
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 32893

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.6	9.8

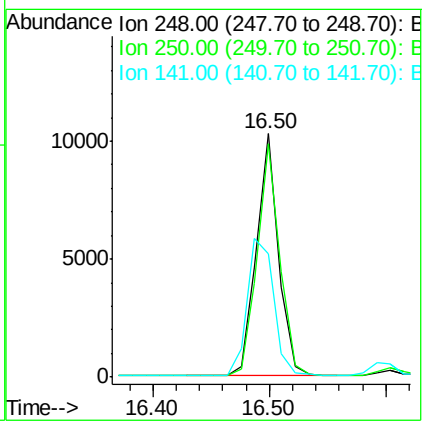


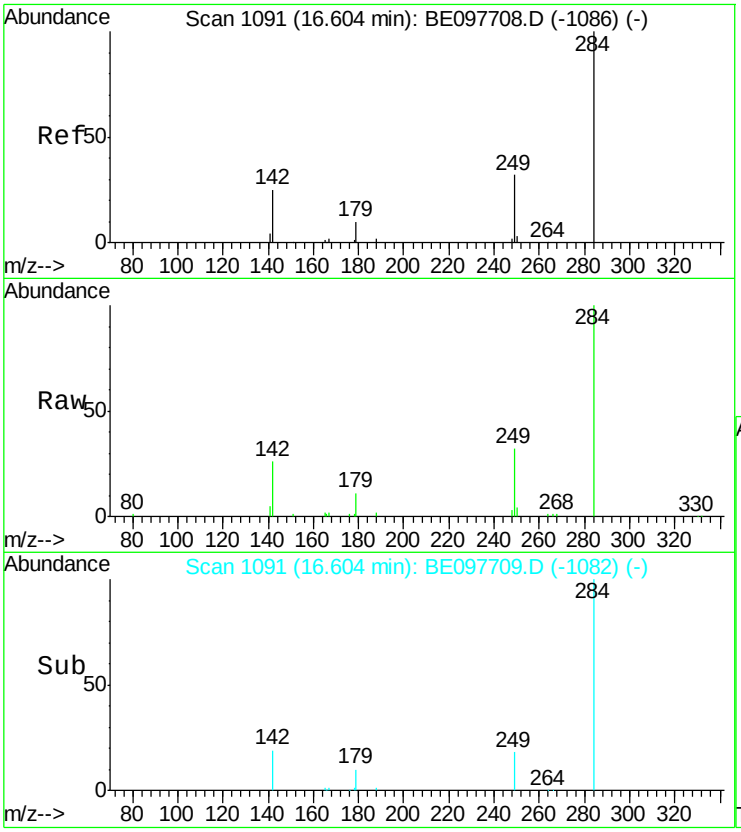


#20
4-Bromophenyl-phenylether
Concen: 0.814 ng
RT: 16.50 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:248 Resp: 13640

Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.1	114.1
141	50.5	42.2	63.4



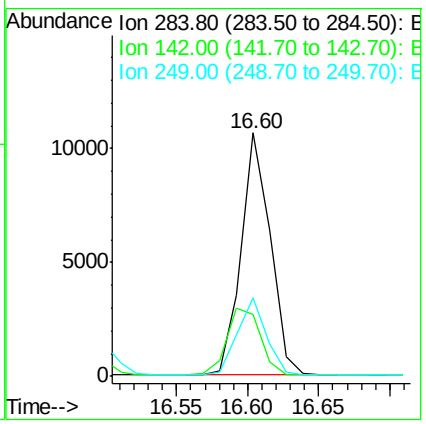


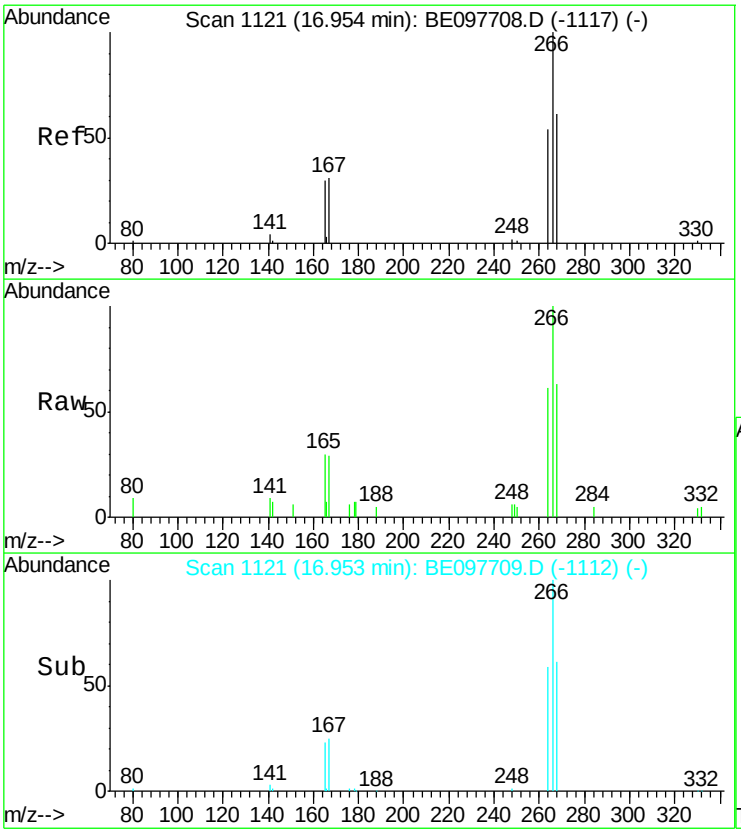
#21
Hexachlorobenzene
Concen: 0.800 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 15083

Ion	Ratio	Lower	Upper
284	100		
142	31.9	24.9	37.3
249	31.1	25.8	38.8

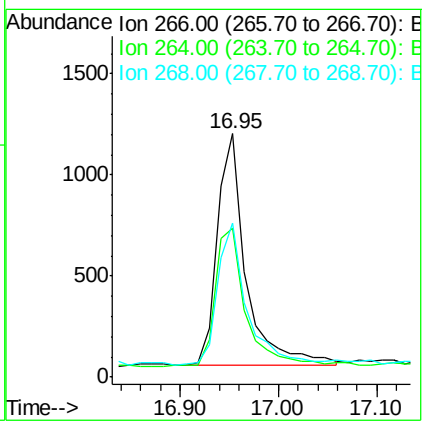


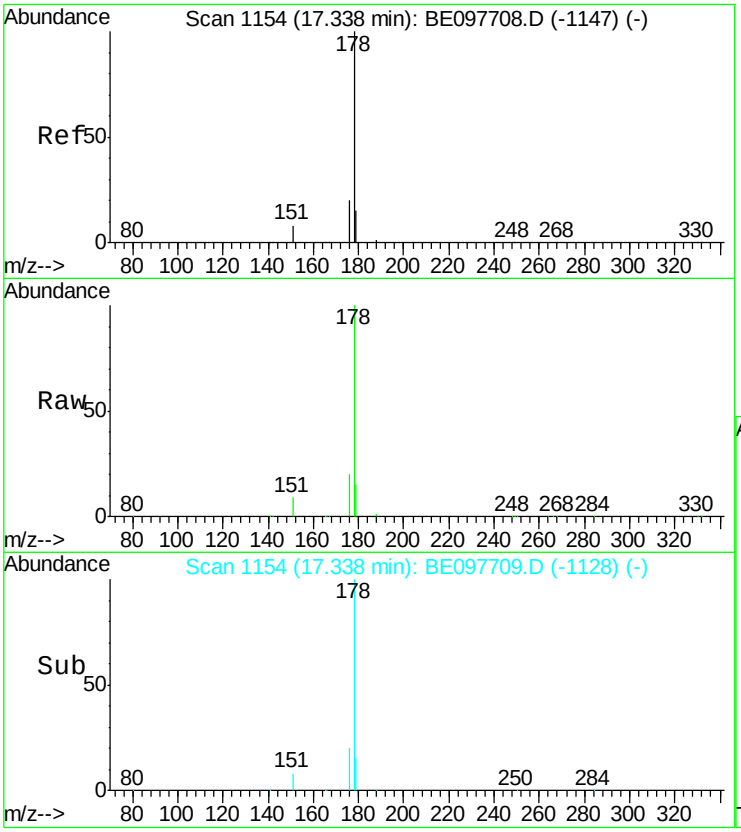


#22
Pentachlorophenol
Concen: 0.533 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:266 Resp: 2311

Ion	Ratio	Lower	Upper
266	100		
264	61.0	46.8	70.2
268	63.3	53.0	79.6



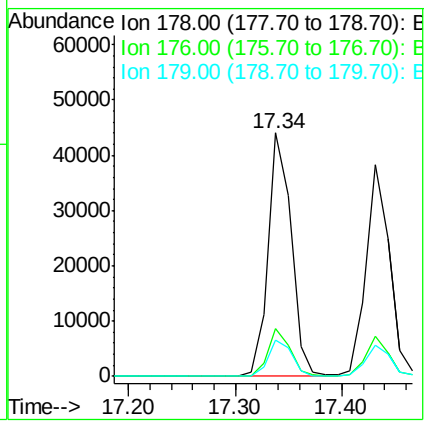


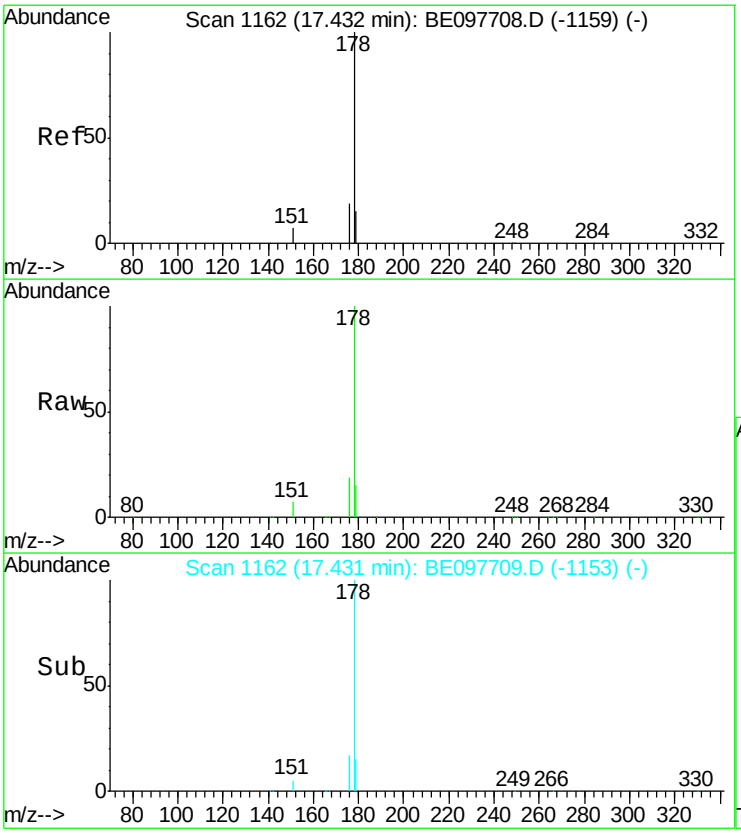
#23
Phenanthrene
Concen: 0.779 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 66287

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.1	12.2	18.4

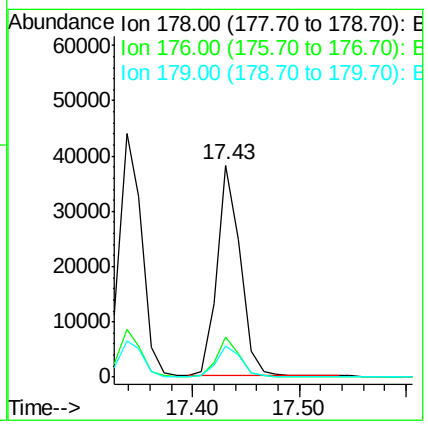


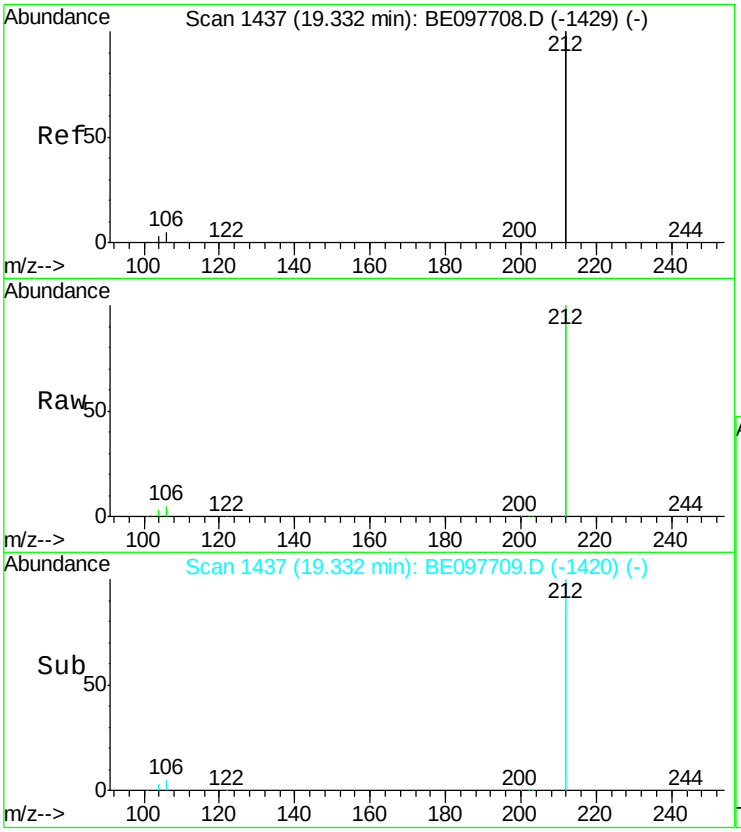


#24
Anthracene
Concen: 0.828 ng
RT: 17.43 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:178 Resp: 57943

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.2	12.2	18.2



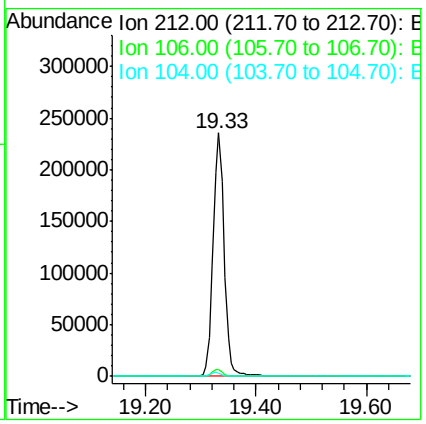


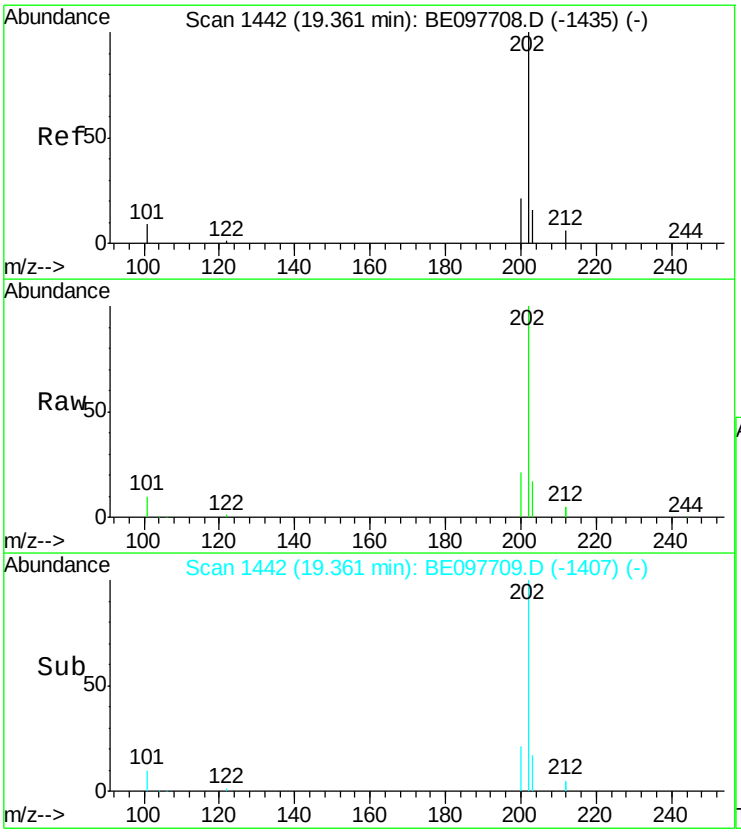
#25
Fluoranthene-d10
Concen: 0.820 ng
RT: 19.33 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 326979

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.2	1.8

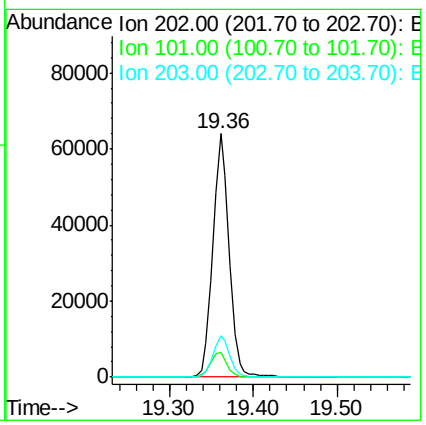


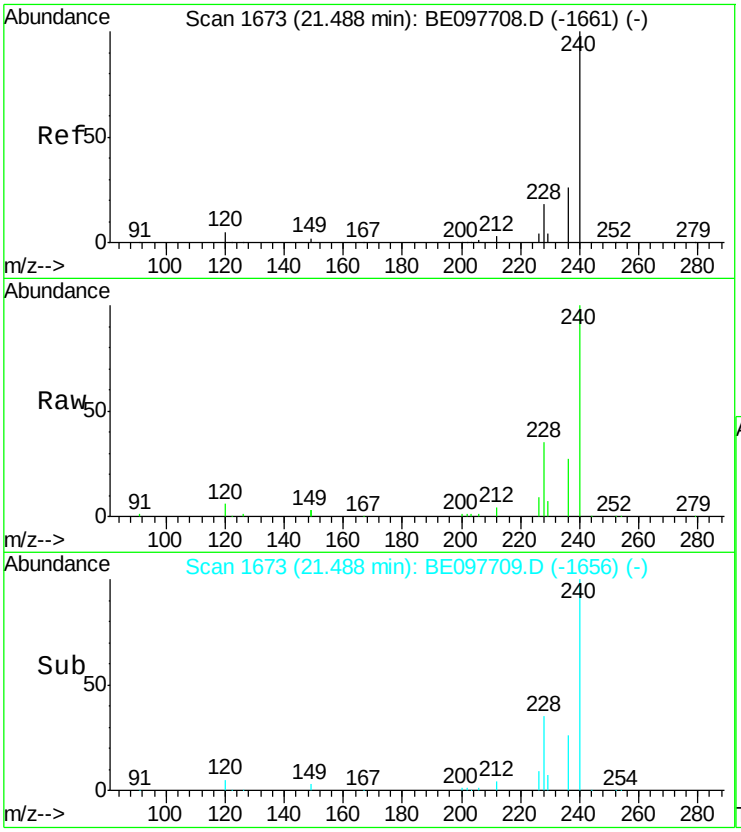


#26
Fluoranthene
Concen: 0.816 ng
RT: 19.36 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:202 Resp: 86095

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.8	11.8
203	17.0	13.8	20.6



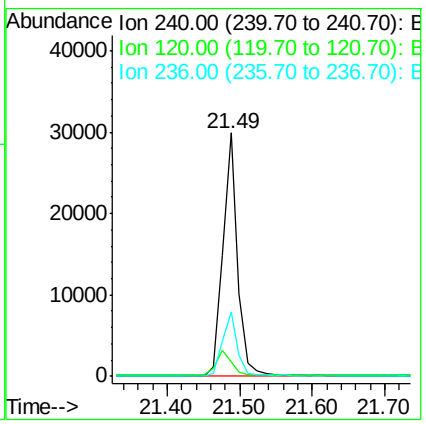


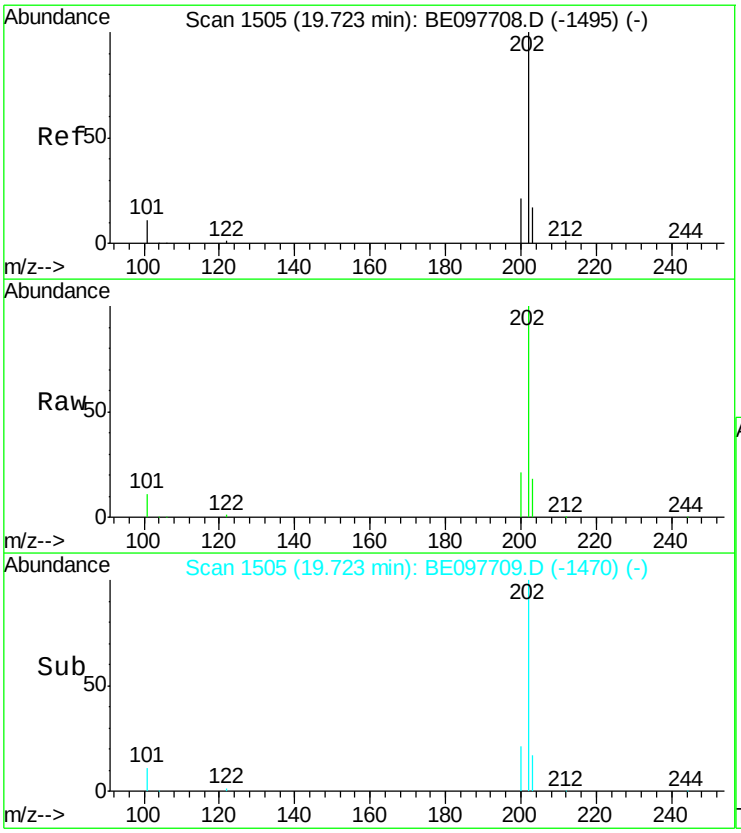
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 42901

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.7	7.1
236	26.6	20.8	31.2

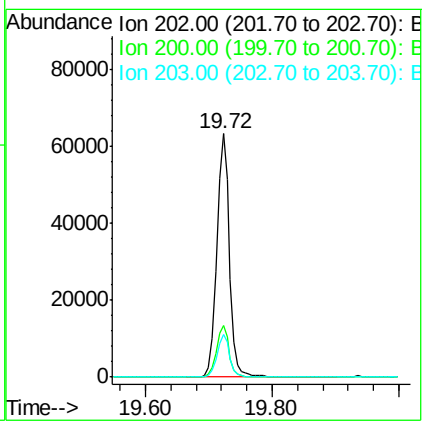


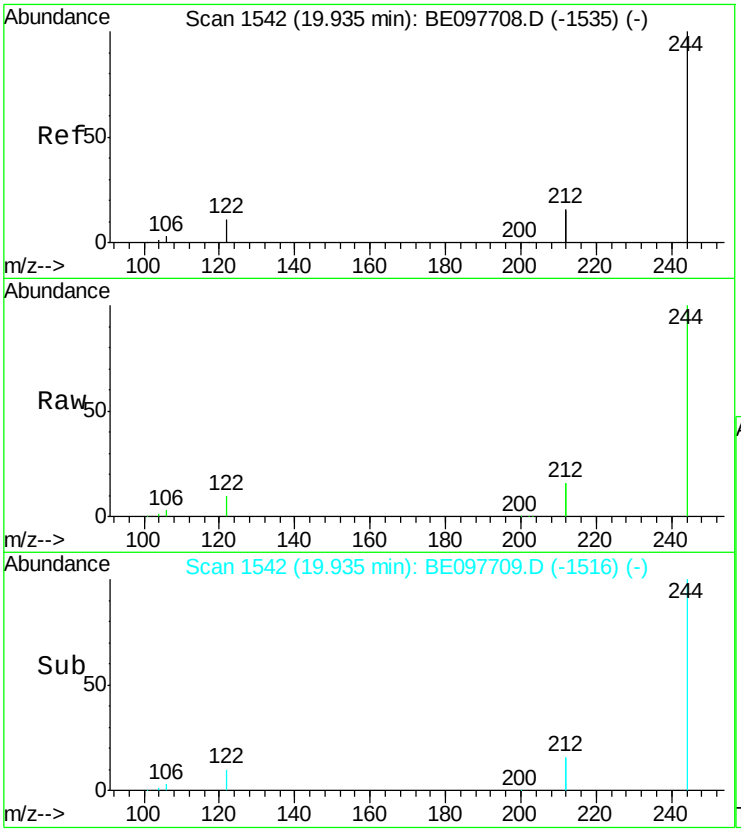


#28
Pyrene
Concen: 0.773 ng
RT: 19.72 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:202 Resp: 86301

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.5	13.9	20.9



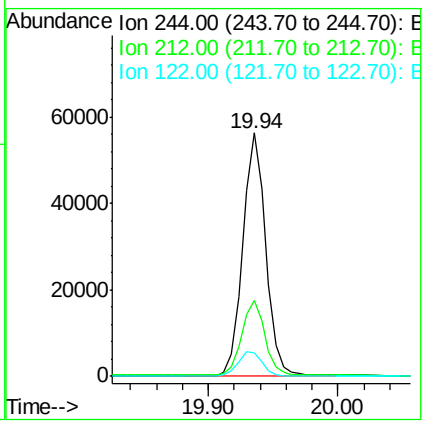


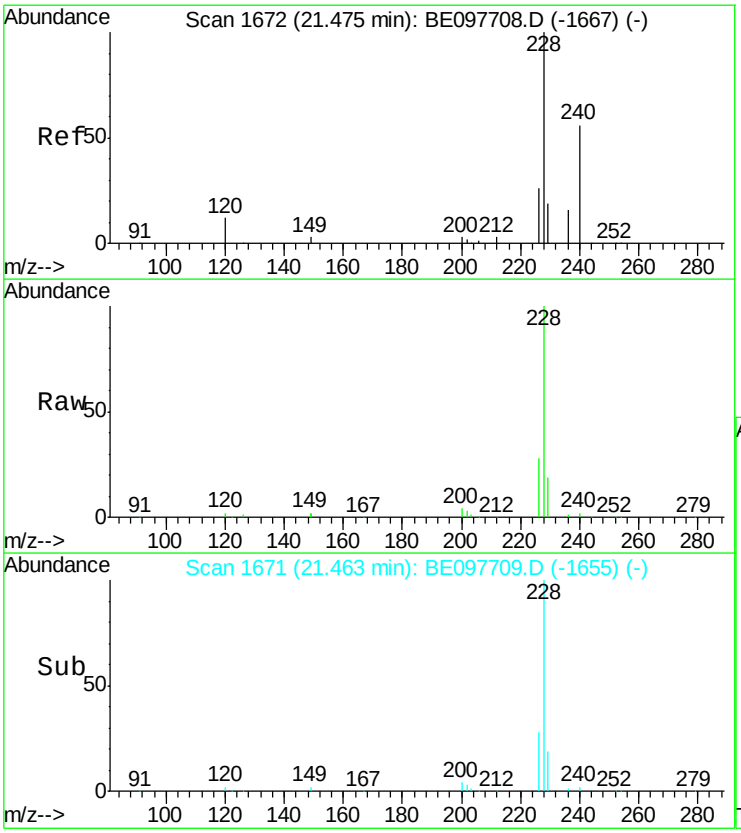
#29
Terphenyl-d14
Concen: 0.747 ng
RT: 19.94 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 69243

Ion	Ratio	Lower	Upper
244	100		
212	31.2	25.8	38.8
122	9.7	8.7	13.1

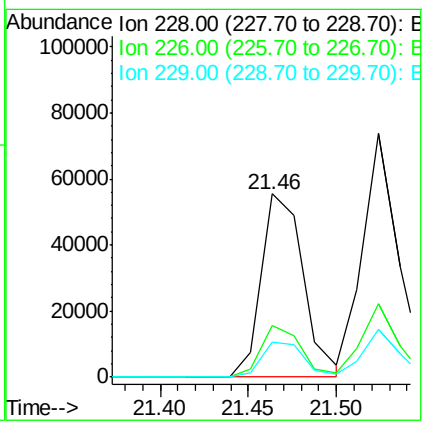


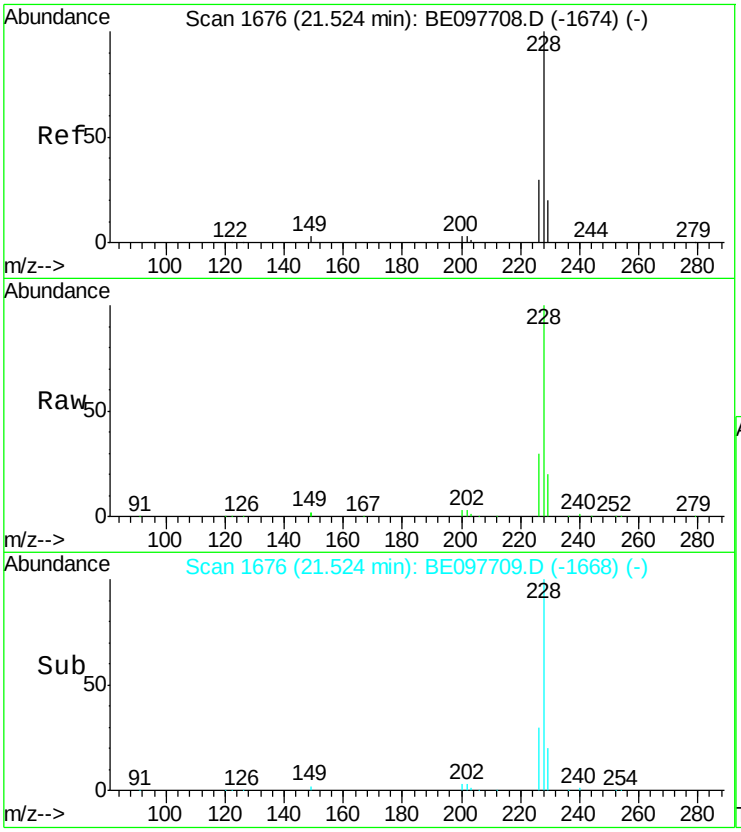


#30
Benzo(a)anthracene
Concen: 0.861 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:228 Resp: 91341

Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.7	31.1
229	18.9	15.7	23.5



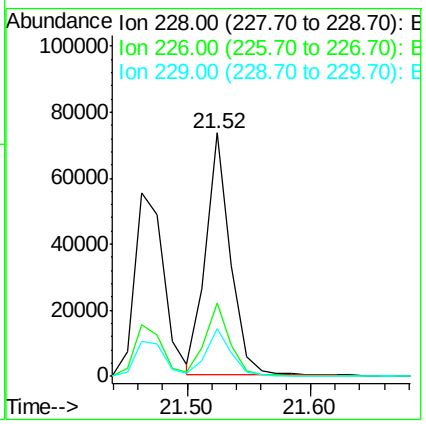


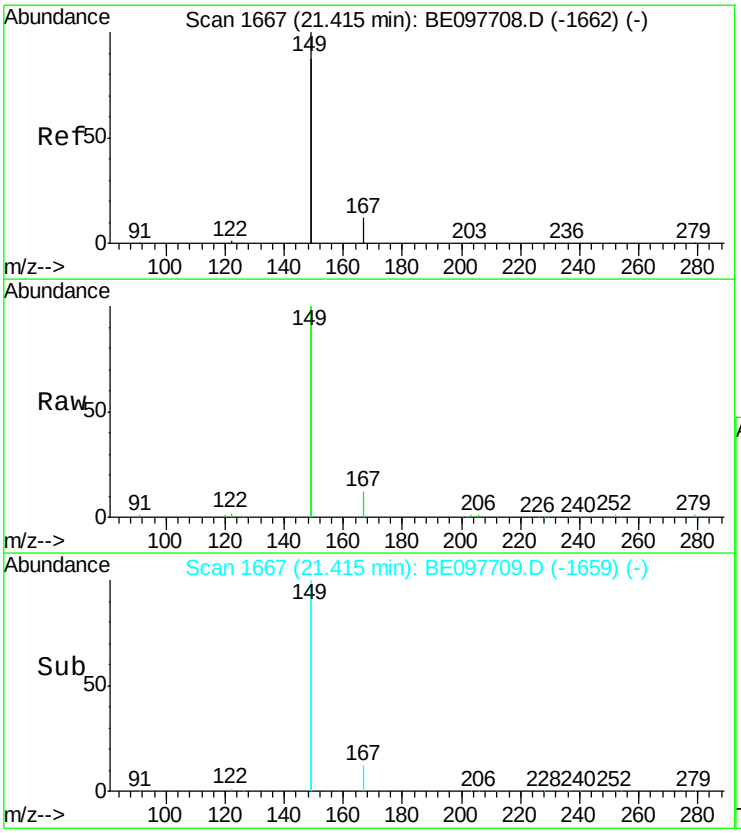
#31
Chrysene
Concen: 0.771 ng
RT: 21.52 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 102330

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.7	16.0	24.0

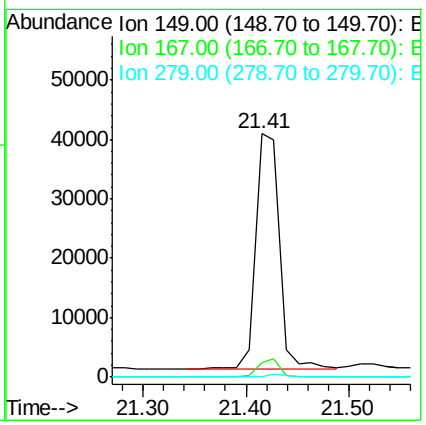


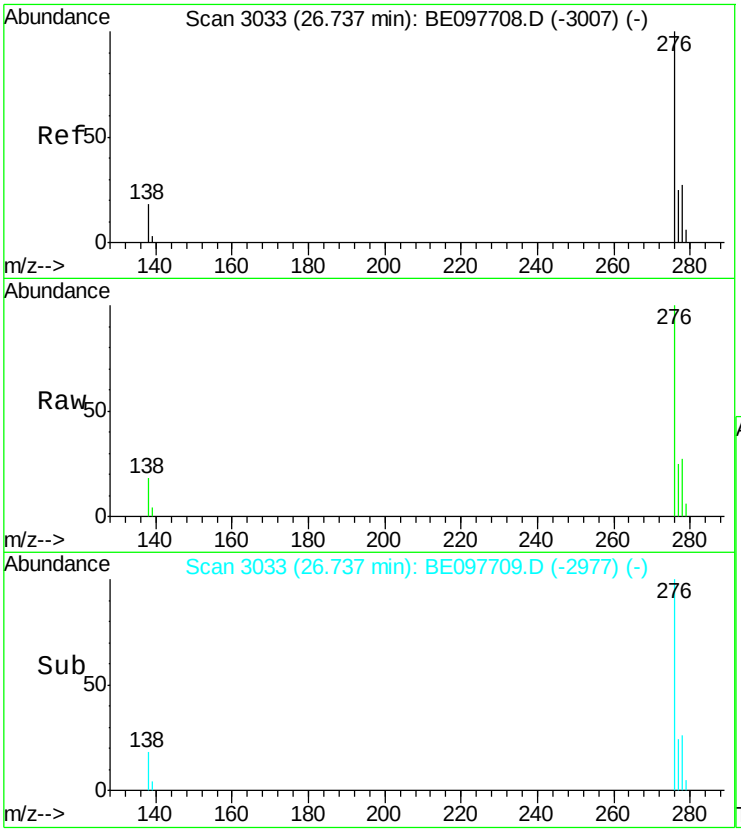


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.489 ng
RT: 21.41 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:149 Resp: 64021

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.5	8.3
279	1.0	0.9	1.3



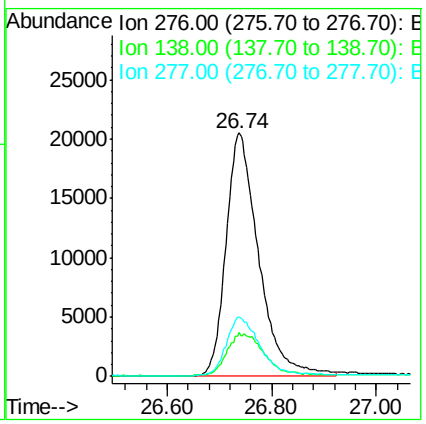


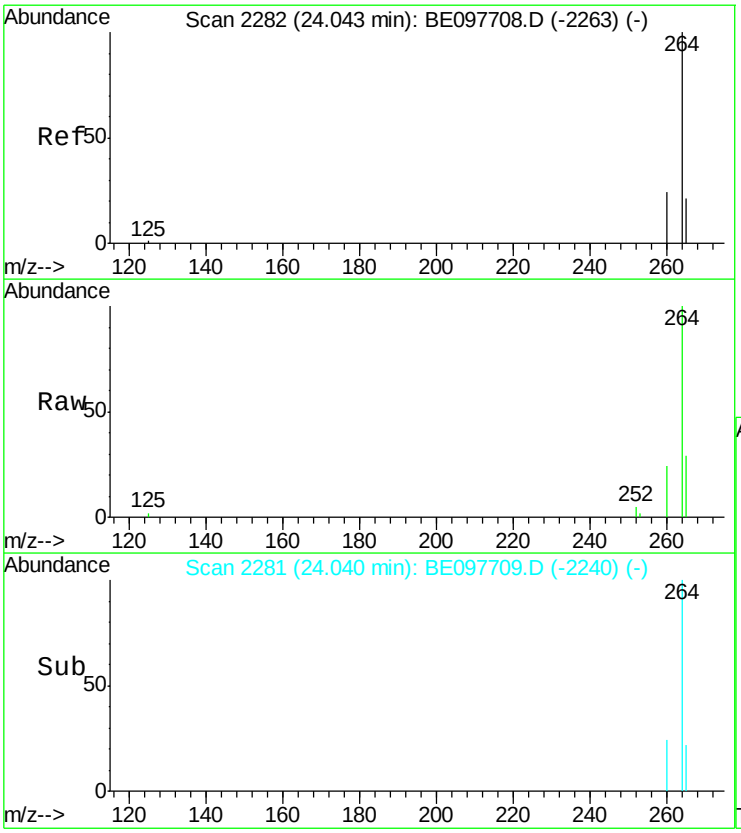
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.631 ng
RT: 26.74 min Scan# 3033
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 88392

Ion	Ratio	Lower	Upper
276	100		
138	8.6	15.0	22.6#
277	24.5	19.2	28.8

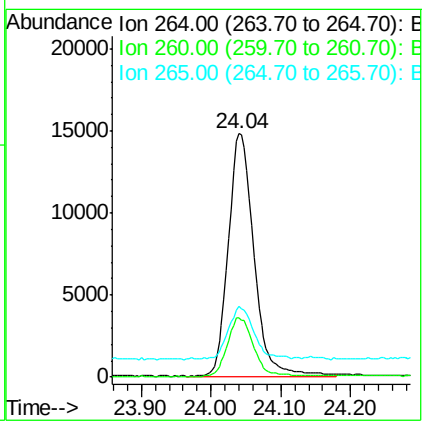


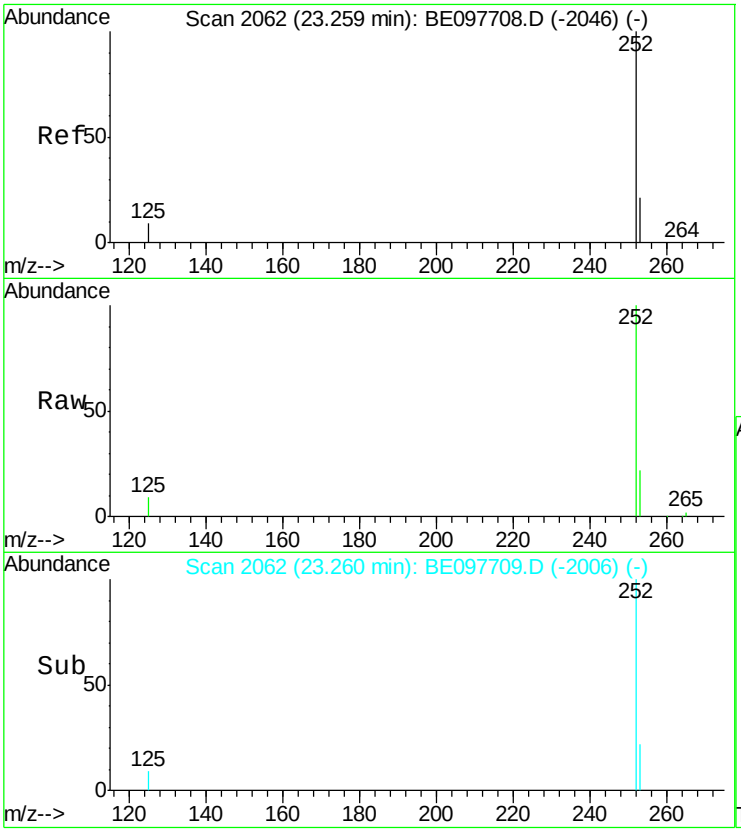


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:264 Resp: 37303

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	29.1	21.9	32.9



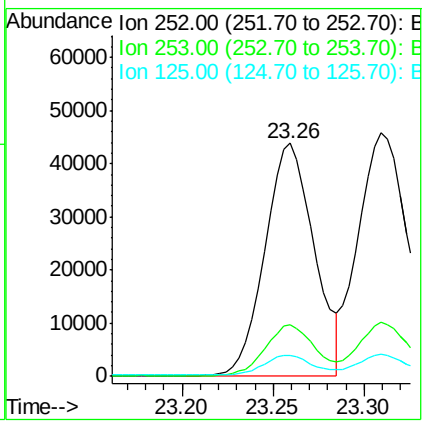


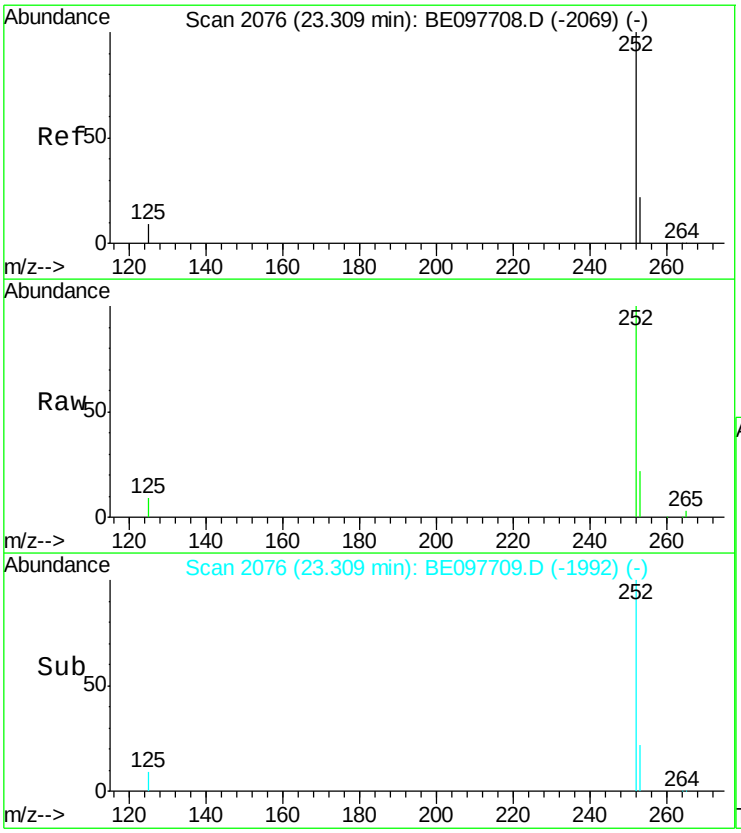
#35
Benzo(b)fluoranthene
Concen: 0.756 ng
RT: 23.26 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 81556

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.1	7.8	11.8

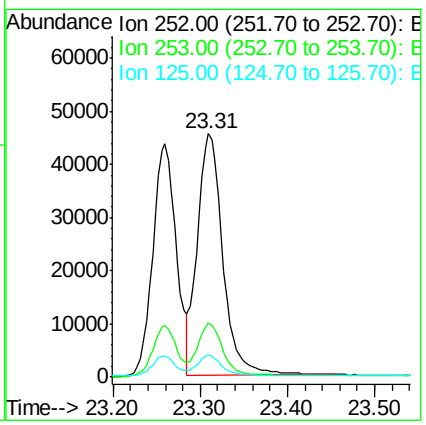


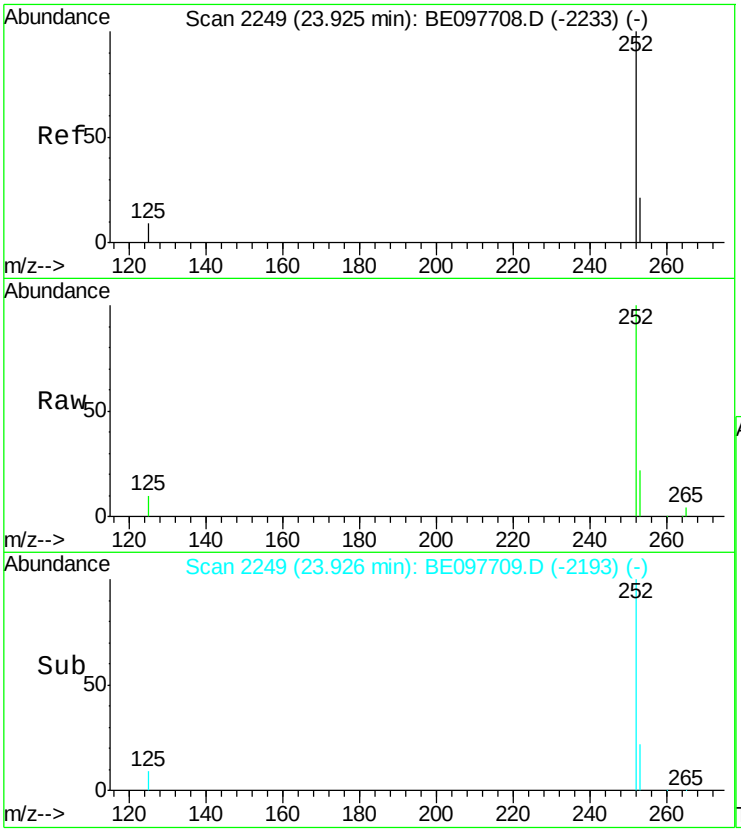


#36
Benzo(k)fluoranthene
Concen: 0.746 ng
RT: 23.31 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:252 Resp: 92737

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.2	7.5	11.3



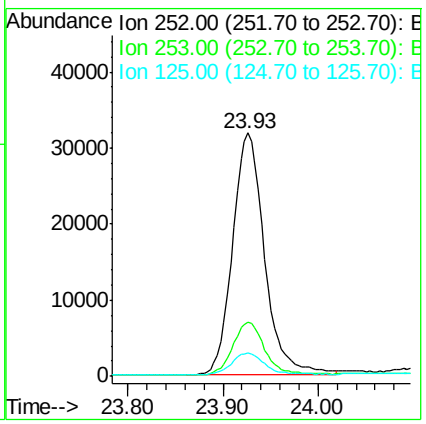


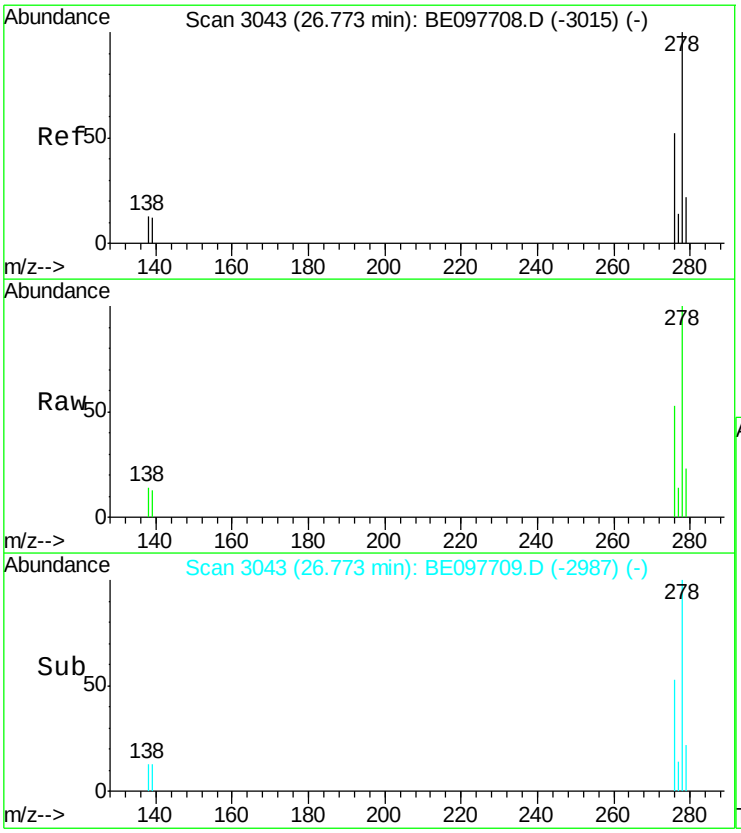
#37
Benzo(a)pyrene
Concen: 0.718 ng
RT: 23.93 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 74276

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.7	8.3	12.5

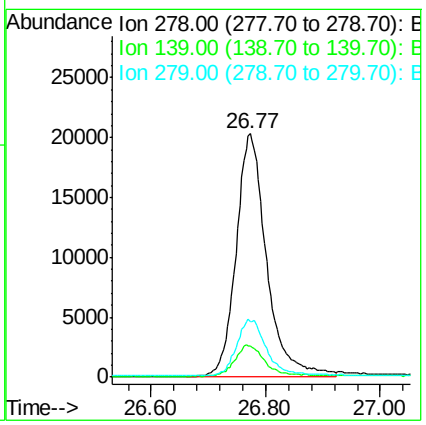


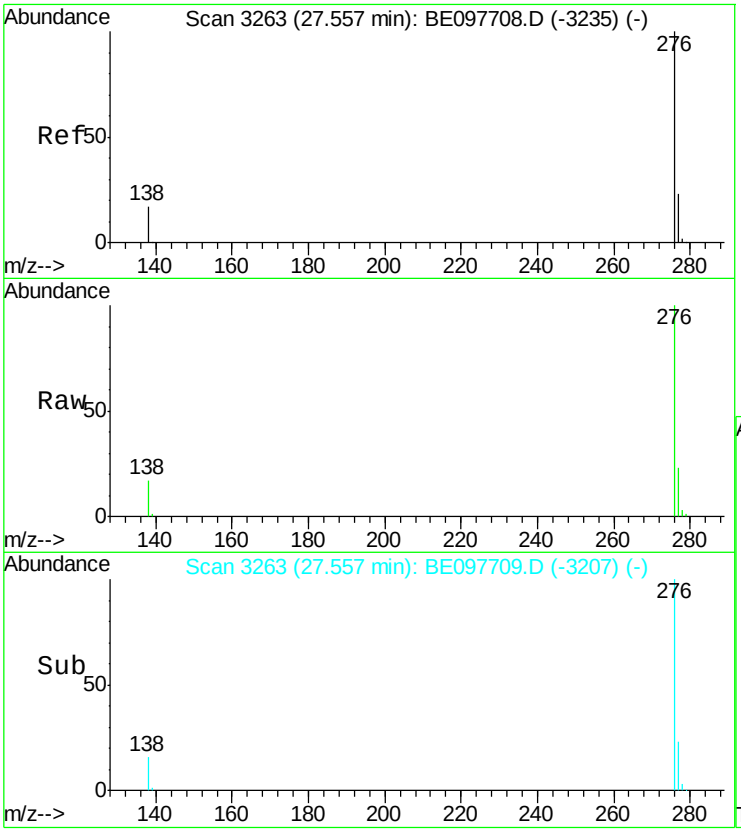


#38
Dibenzo(a,h)anthracene
Concen: 0.663 ng
RT: 26.77 min Scan# 3043
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:278 Resp: 74447

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.3	15.5
279	22.9	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.675 ng
RT: 27.56 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 76785

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	16.7	14.2	21.2