Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097710.D
Acq On : 3 Oct 2018 10:54
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 03 13:42:05 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 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5272	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	21536	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	12634	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	33405	0.40	ng		0.00
27) Chrysene-d12	21.49	240	47153	0.40	ng		0.00
34) Perylene-d12	24.04	264	38537	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	18705	1.50	ng		0.00
5) Phenol-d6	7.04	99	28610	1.50	ng		0.00
8) Nitrobenzene-d5	9.04	82	11065	1.58	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	54286	1.58	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	3884	1.70	ng		-0.01
15) 2-Fluorobiphenyl	13.19	172	80924	1.45	ng		0.00
25) Fluoranthene-d10	19.33	212	697826	1.65	ng		0.00
29) Terphenyl-d14	19.94	244	145774	1.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	15230	1.450	ng		97
3) n-Nitrosodimethylamine	3.69	42	14886	1.558	ng	#	87
6) bis(2-Chloroethyl)ether	7.31	93	30242	1.529	ng		100
9) Naphthalene	10.74	128	337404	1.555	ng		100
10) Hexachlorobutadiene	11.04	225	17633	1.531	ng		98
12) 2-Methylnaphthalene	12.37	142	56371	1.623	ng		97
16) Acenaphthylene	14.27	152	90043	1.609	ng		99
17) Acenaphthene	14.61	154	57306	1.599	ng		97
18) Fluorene	15.59	166	77497	1.629	ng		100
20) 4-Bromophenyl-phenylether	16.50	248	29026	1.657	ng		95
21) Hexachlorobenzene	16.60	284	31614	1.604	ng		98
22) Pentachlorophenol	16.94	266	5603	1.812	ng		94
23) Phenanthrene	17.34	178	139111	1.616	ng		100
24) Anthracene	17.43	178	125454	1.688	ng		100
26) Fluoranthene	19.36	202	184480	1.682	ng		100
28) Pyrene	19.72	202	186081	1.553	ng		100
30) Benzo(a)anthracene	21.47	228	201994	1.593	ng		99
31) Chrysene	21.52	228	219858	1.551	ng		99
32) Bis(2-ethylhexyl)phthalate	21.43	149	159697	1.722	ng		100
33) Indeno(1,2,3-cd)pyrene	26.74	276	193391	1.571	ng		98
35) Benzo(b)fluoranthene	23.26	252	177503	1.678	ng		98
36) Benzo(k)fluoranthene	23.31	252	201280	1.717	ng		99
37) Benzo(a)pyrene	23.93	252	162748	1.700	ng		99
38) Dibenzo(a,h)anthracene	26.77	278	165030	1.750	ng		99
39) Benzo(g,h,i)perylene	27.56	276	166512	1.687	ng		99

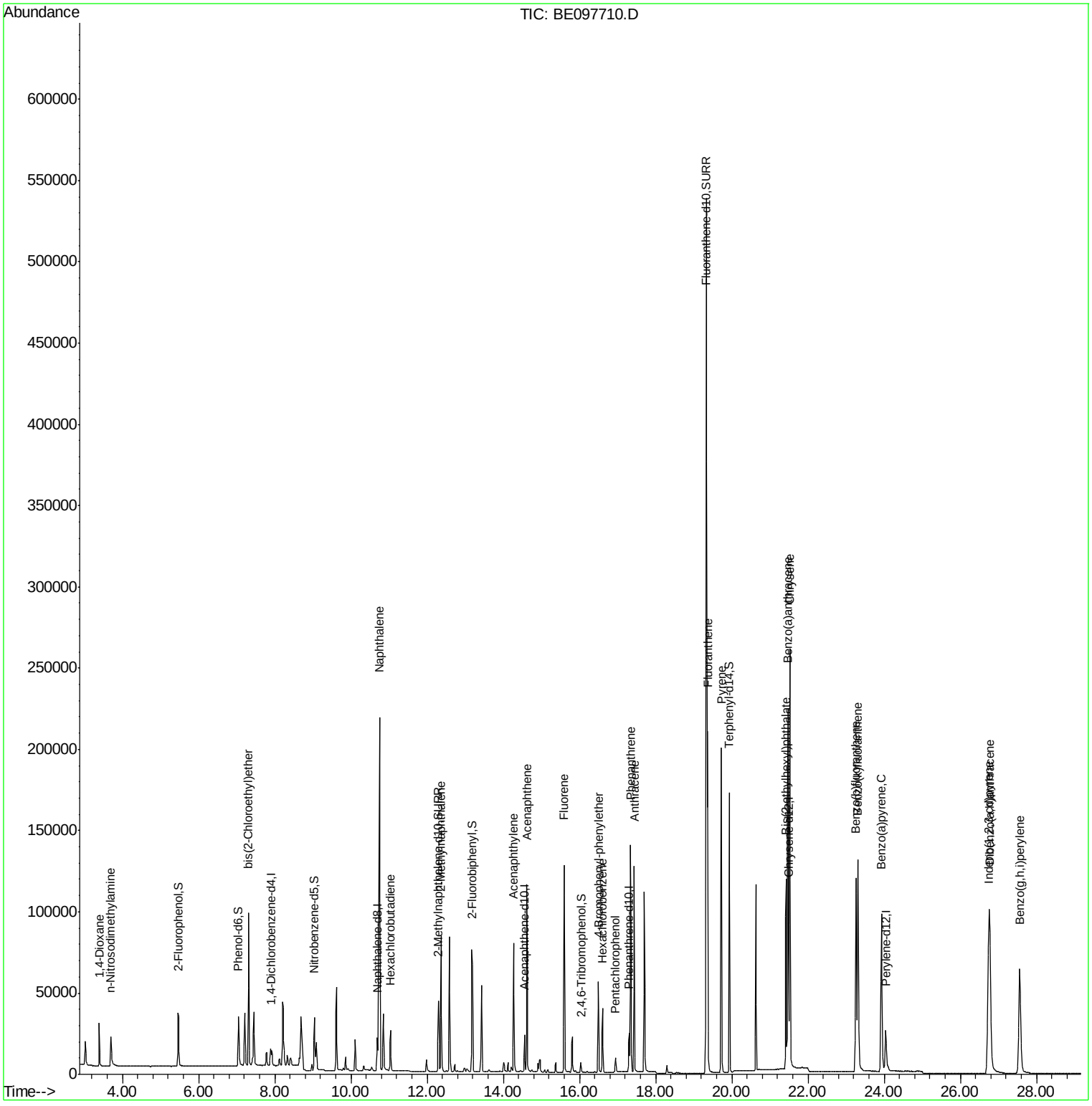
(#) = qualifier out of range (m) = manual integration (+) = signals summed

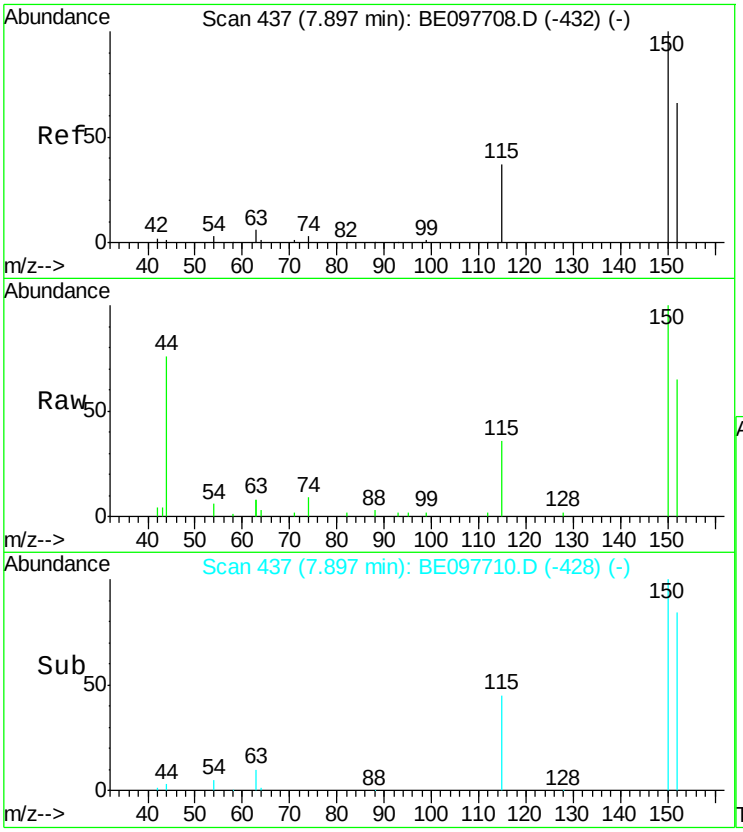
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097710.D
Acq On : 3 Oct 2018 10:54
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 03 13:42:05 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 12:17:19 2018
Response via : Initial Calibration



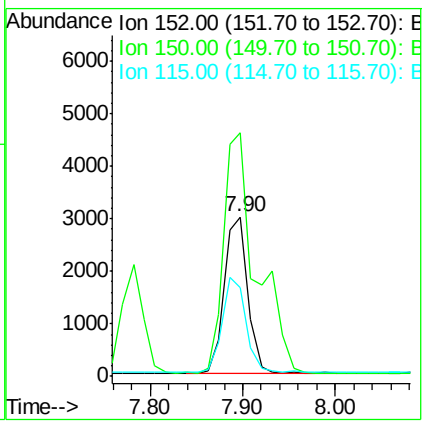


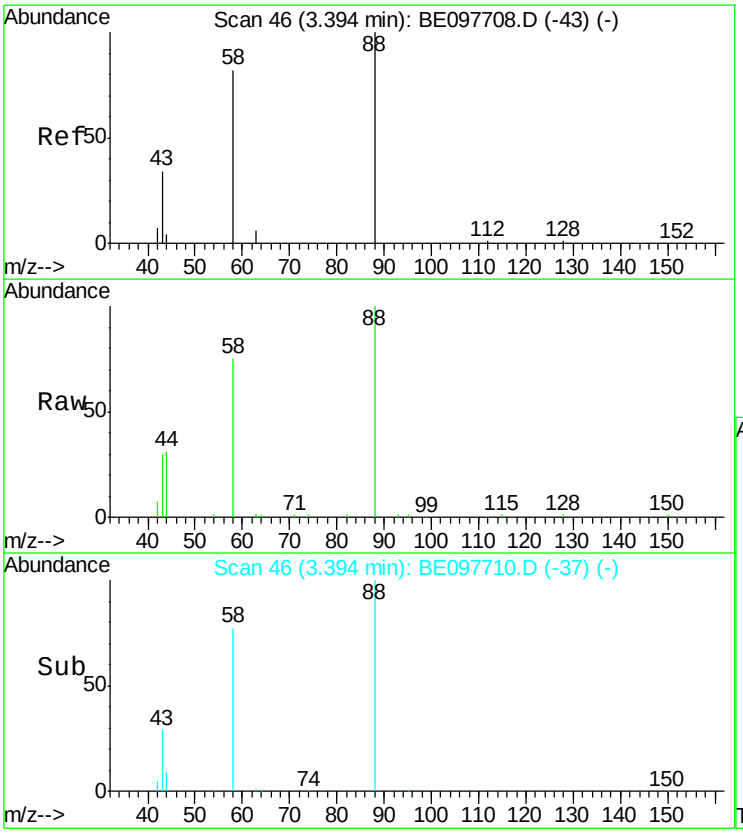
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5272

Ion	Ratio	Lower	Upper
152	100		
150	152.7	120.9	181.3
115	55.5	46.6	69.8

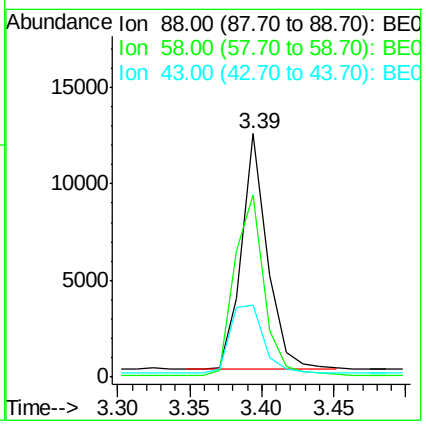


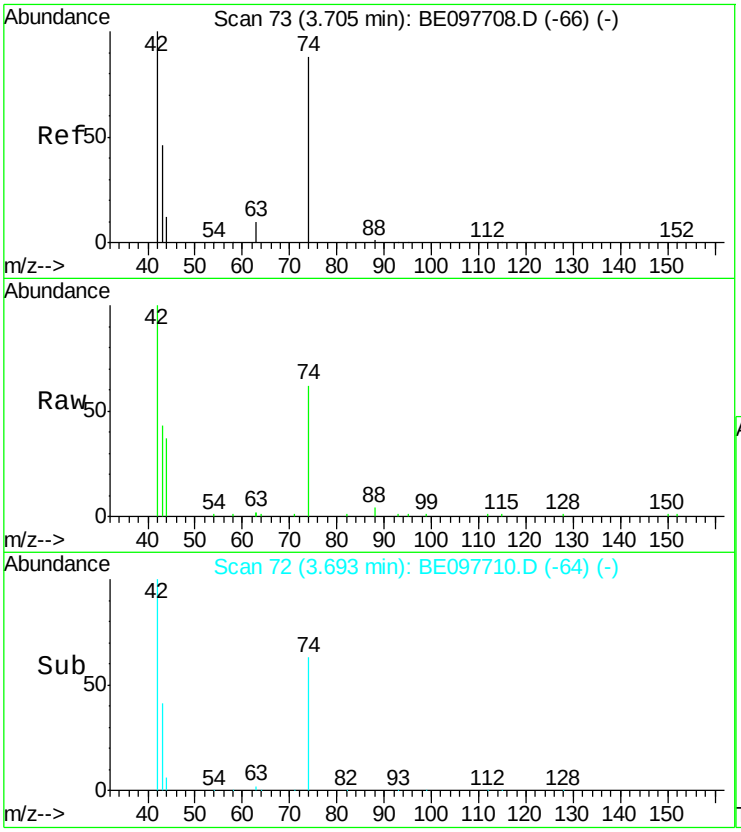


#2
1,4-Dioxane
Concen: 1.450 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion: 88 Resp: 15230

Ion	Ratio	Lower	Upper
88	100		
58	87.4	70.8	106.2
43	36.5	33.3	49.9



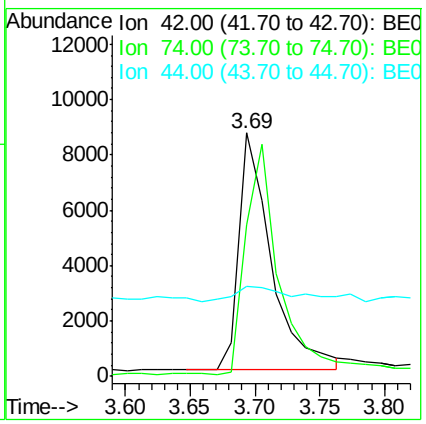


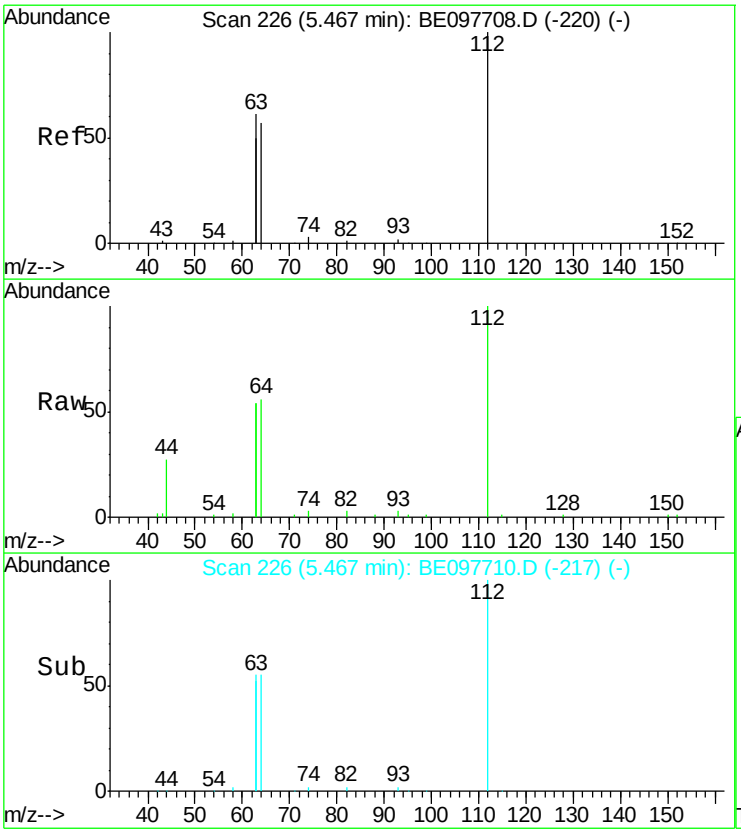
#3
n-Nitrosodimethylamine
Concen: 1.558 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 14886

Ion	Ratio	Lower	Upper
42	100		
74	99.4	70.7	106.1
44	10.5	15.0	22.4#

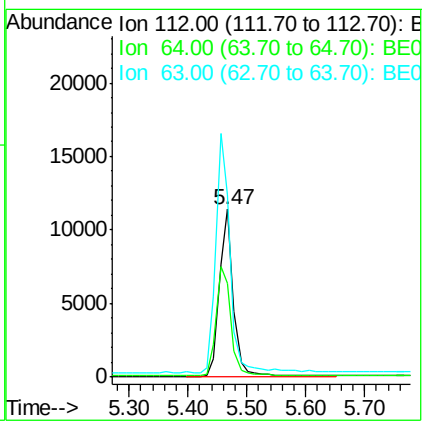


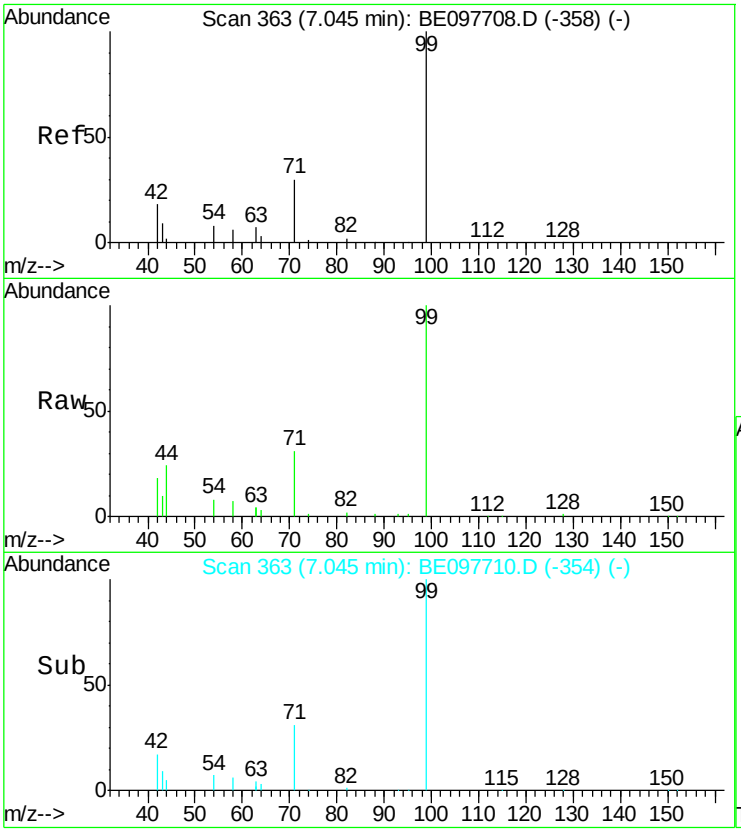


#4
2-Fluorophenol
Concen: 1.500 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:112 Resp: 18705

Ion	Ratio	Lower	Upper
112	100		
64	69.4	56.6	84.8
63	144.4	119.4	179.0



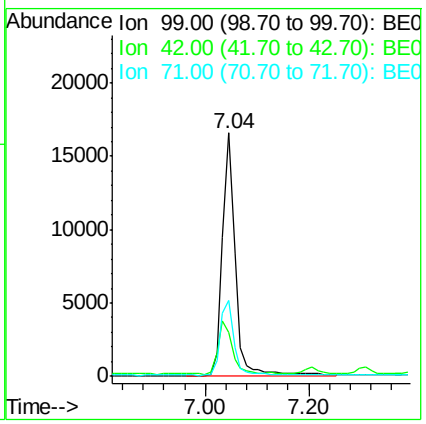


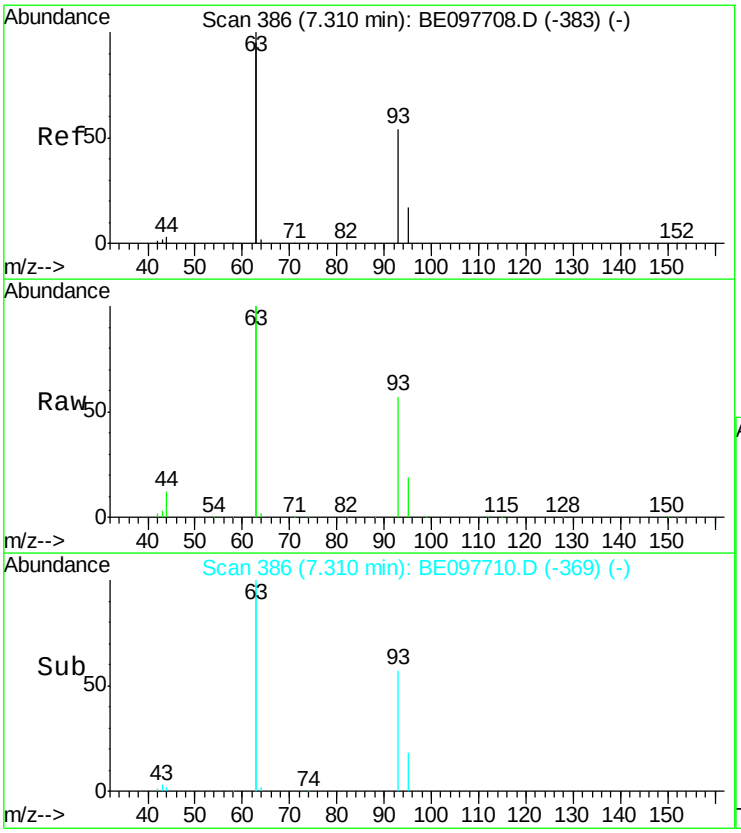
#5
Phenol-d6
Concen: 1.497 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 28610

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.9	29.9
71	32.7	25.4	38.2

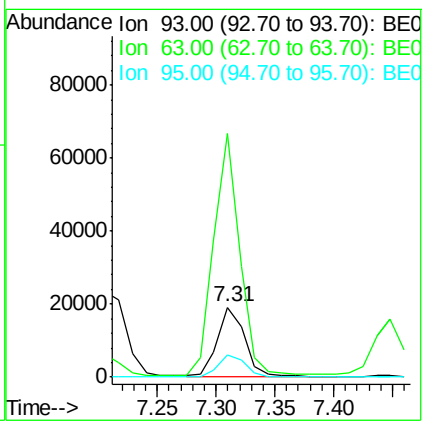


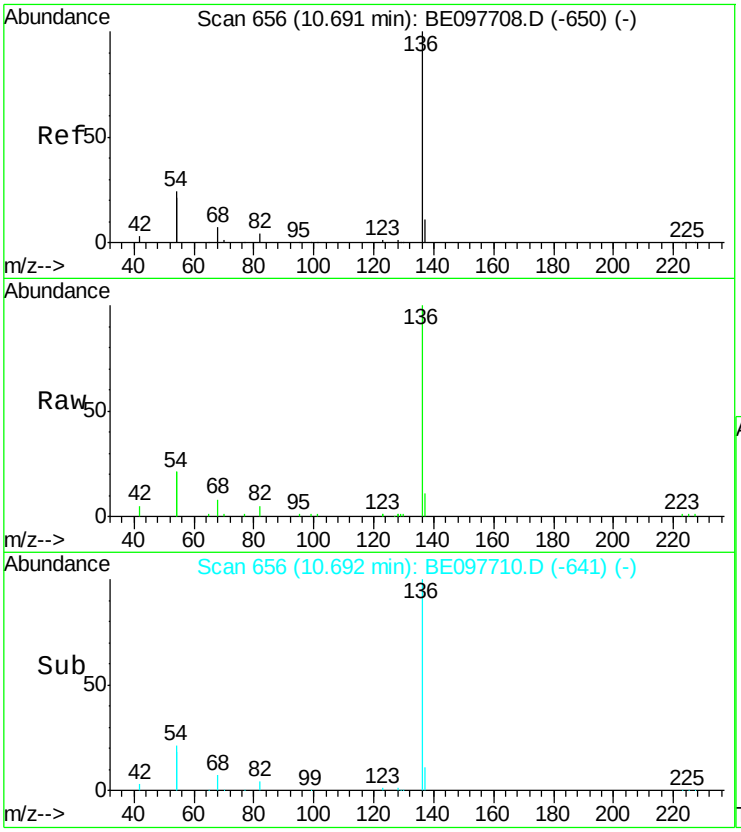


#6
bis(2-Chloroethyl)ether
Concen: 1.529 ng
RT: 7.31 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion: 93 Resp: 30242

Ion	Ratio	Lower	Upper
93	100		
63	333.2	266.9	400.3
95	31.8	26.2	39.2



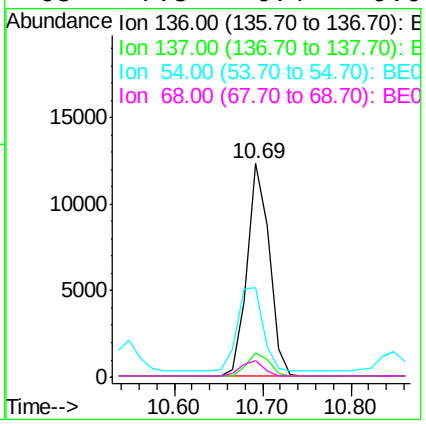


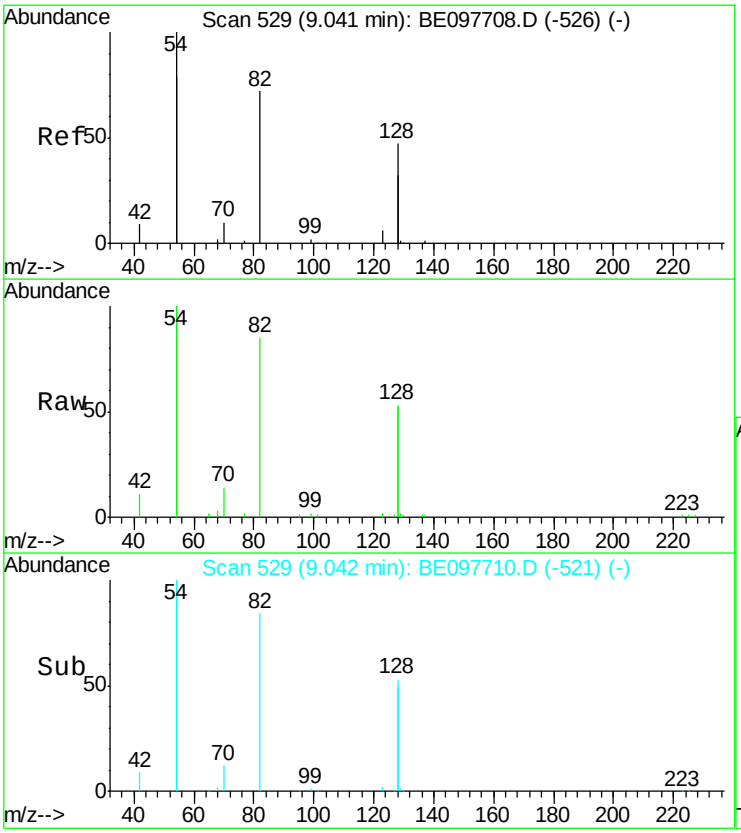
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 21536

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	41.7	37.8	56.6
68	7.8	6.4	9.6

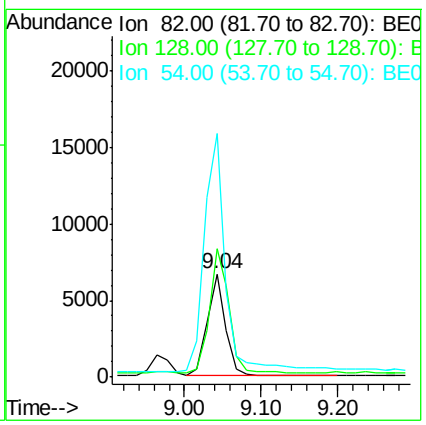


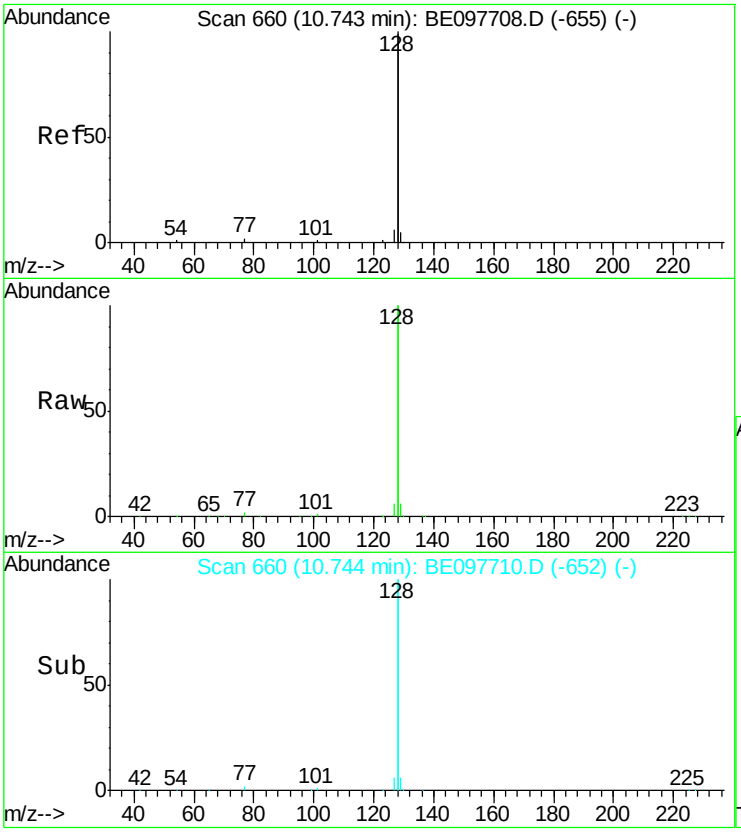


#8
Nitrobenzene-d5
Concen: 1.583 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion: 82 Resp: 11065

Ion	Ratio	Lower	Upper
82	100		
128	124.6	97.0	145.4
54	235.4	206.9	310.3



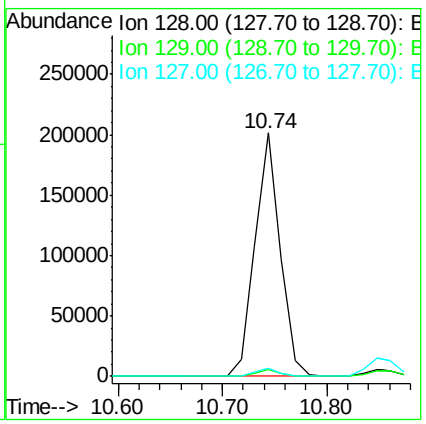


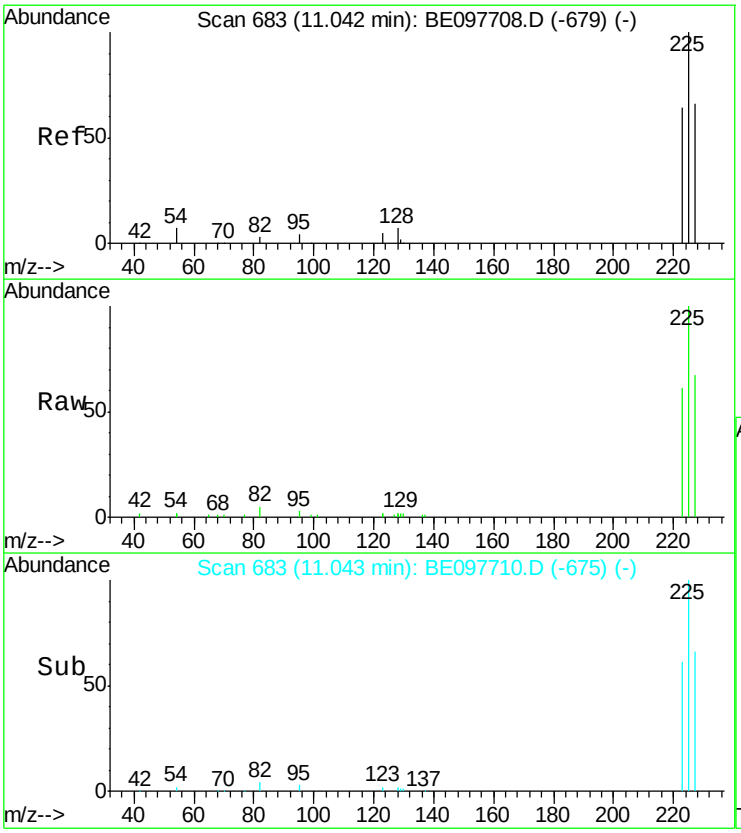
#9
Naphthalene
Concen: 1.555 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 337404

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.2
127	3.2	2.7	4.1

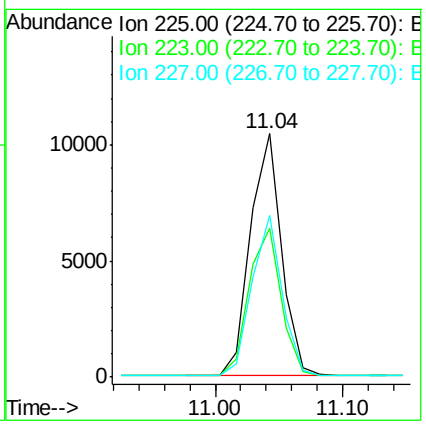


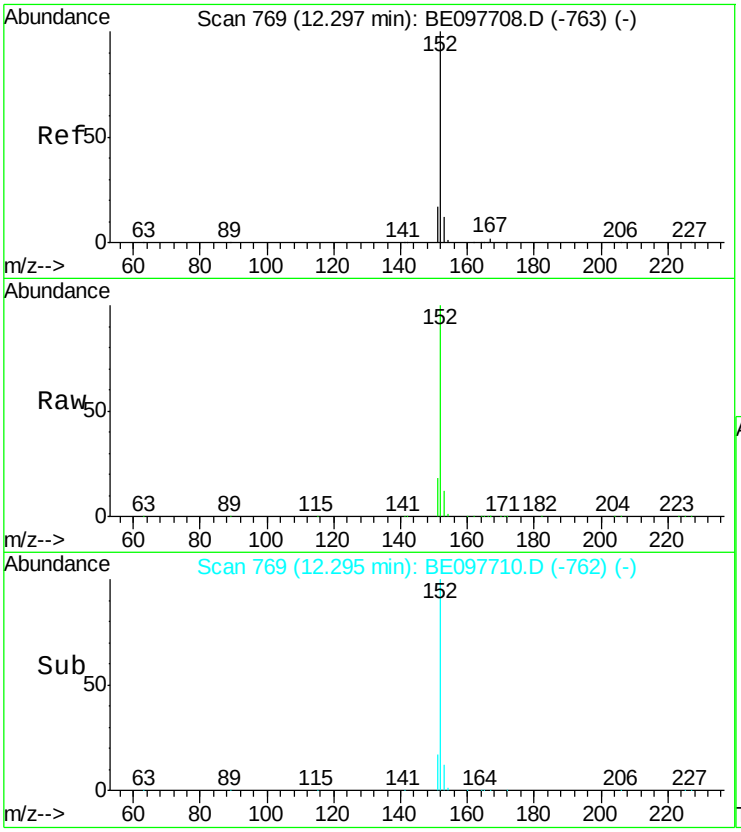


#10
Hexachlorobutadiene
Concen: 1.531 ng
RT: 11.04 min Scan# 683
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:225 Resp: 17633

Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.2	78.4
227	64.0	51.2	76.8



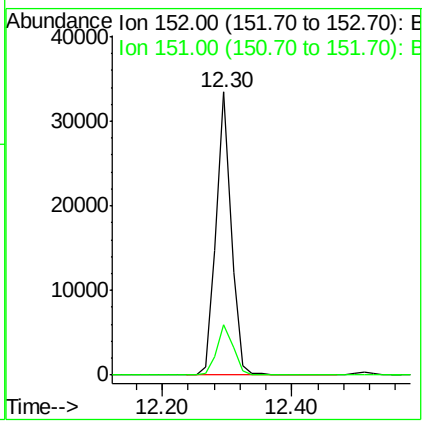


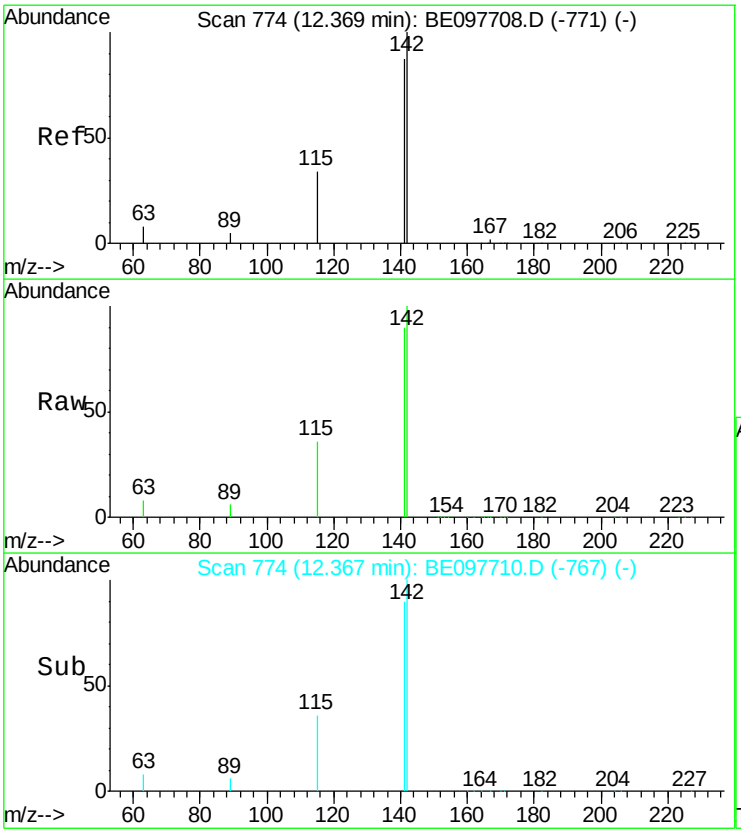
#11
2-Methylnaphthalene-d10
Concen: 1.584 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 54286

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

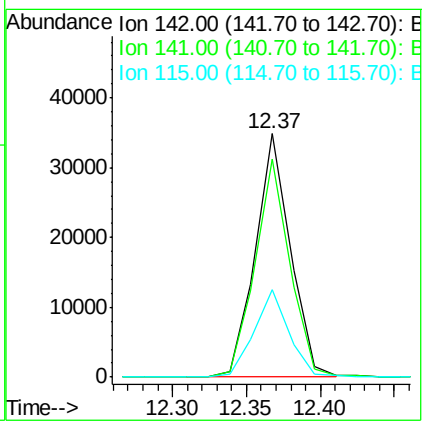


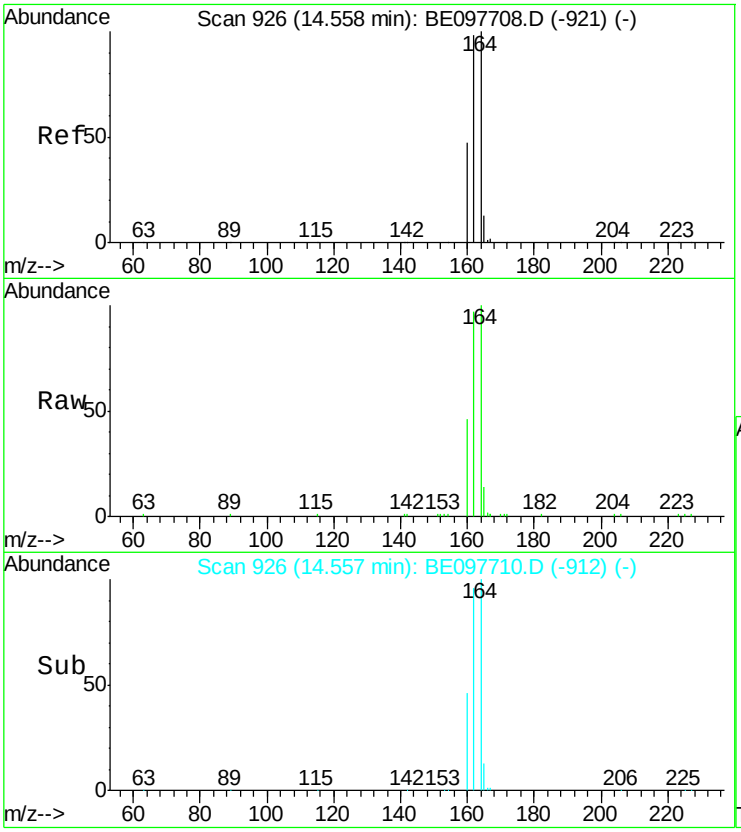


#12
2-Methylnaphthalene
Concen: 1.623 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:142 Resp: 56371

Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.4	104.2
115	35.9	28.0	42.0



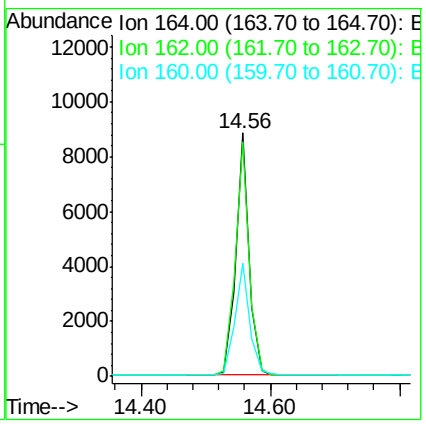


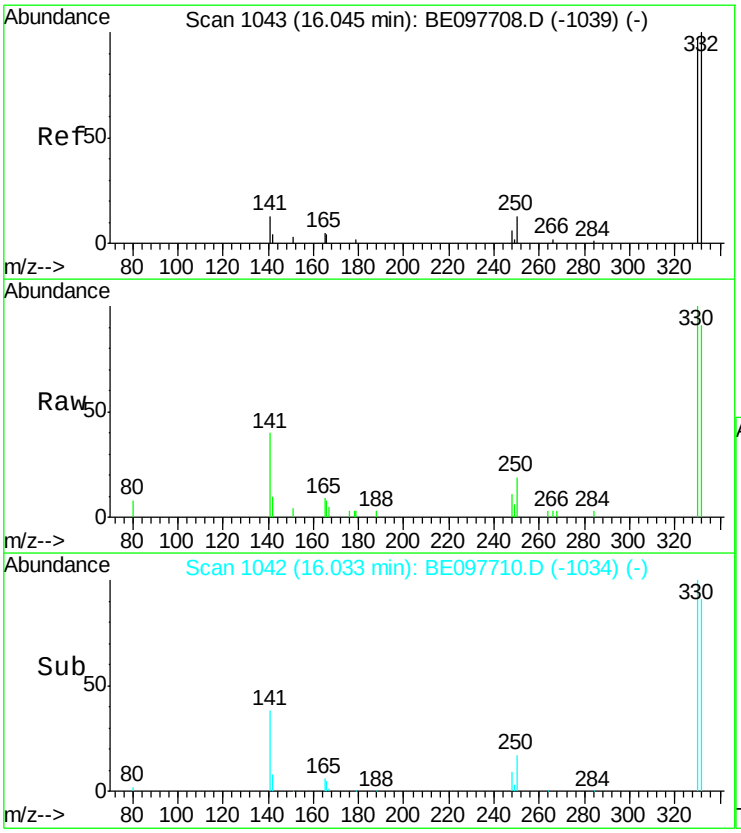
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 12634

Ion	Ratio	Lower	Upper
164	100		
162	96.6	78.6	117.8
160	46.3	37.8	56.6

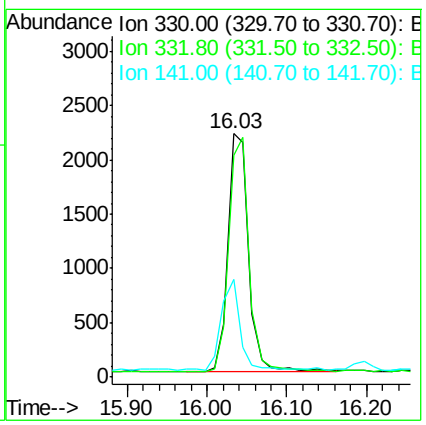


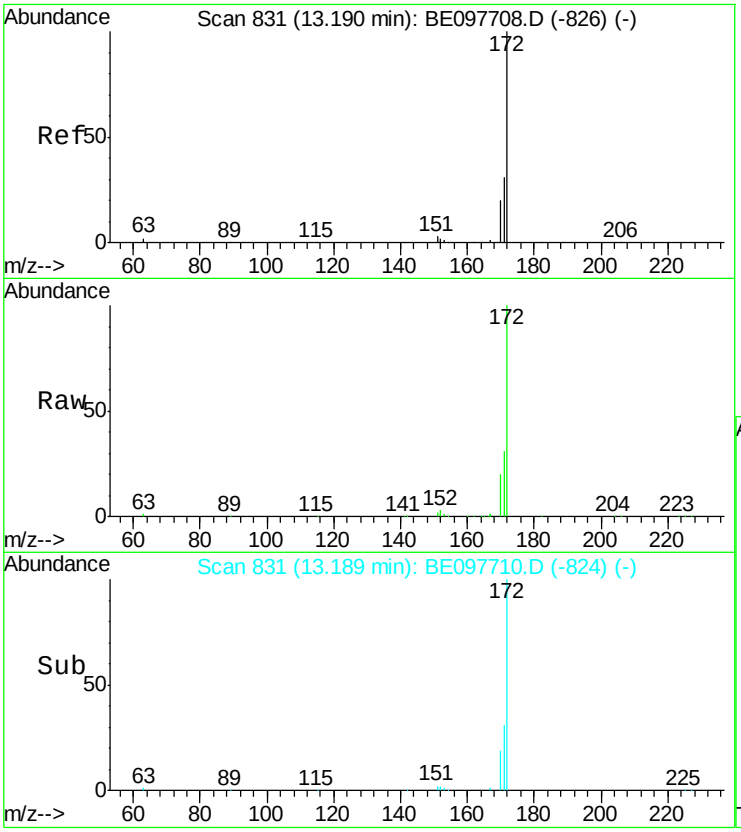


#14
2,4,6-Tribromophenol
Concen: 1.696 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:330 Resp: 3884

Ion	Ratio	Lower	Upper
330	100		
332	98.3	83.5	125.3
141	33.4	34.9	52.3#



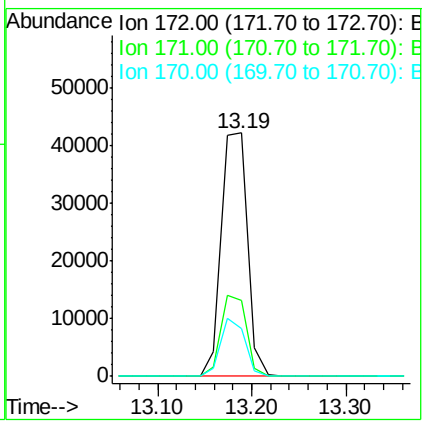


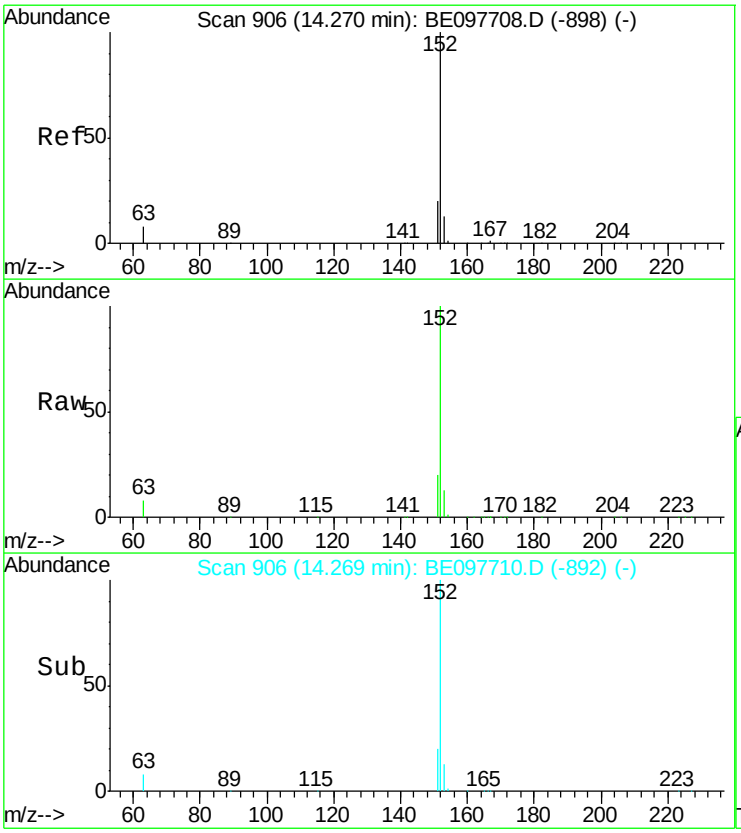
#15
2-Fluorobiphenyl
Concen: 1.455 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 80924

Ion	Ratio	Lower	Upper
172	100		
171	31.2	25.2	37.8
170	19.6	16.2	24.2

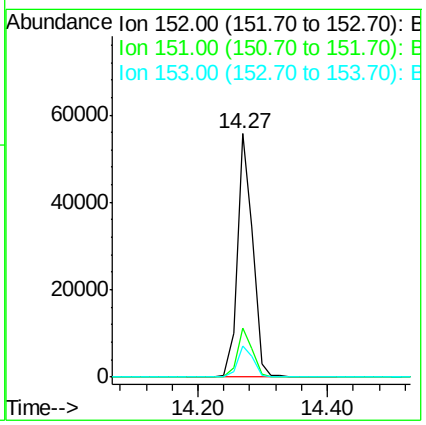


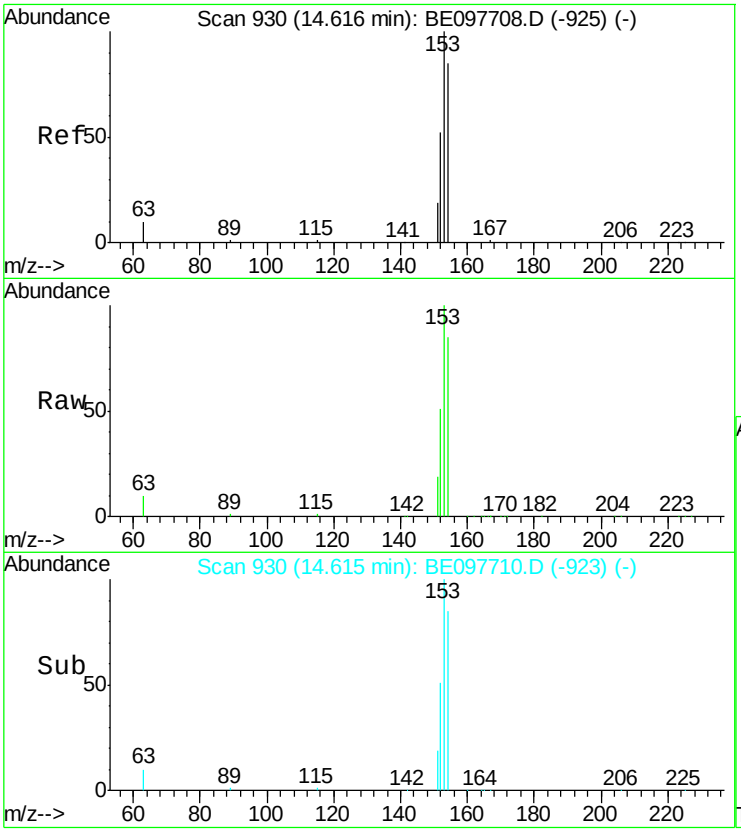


#16
Acenaphthylene
Concen: 1.609 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:152 Resp: 90043

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.3	22.9
153	13.1	10.8	16.2



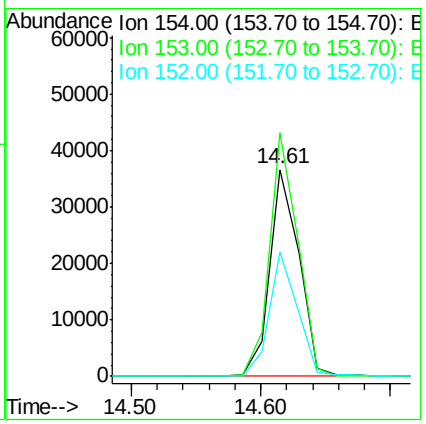


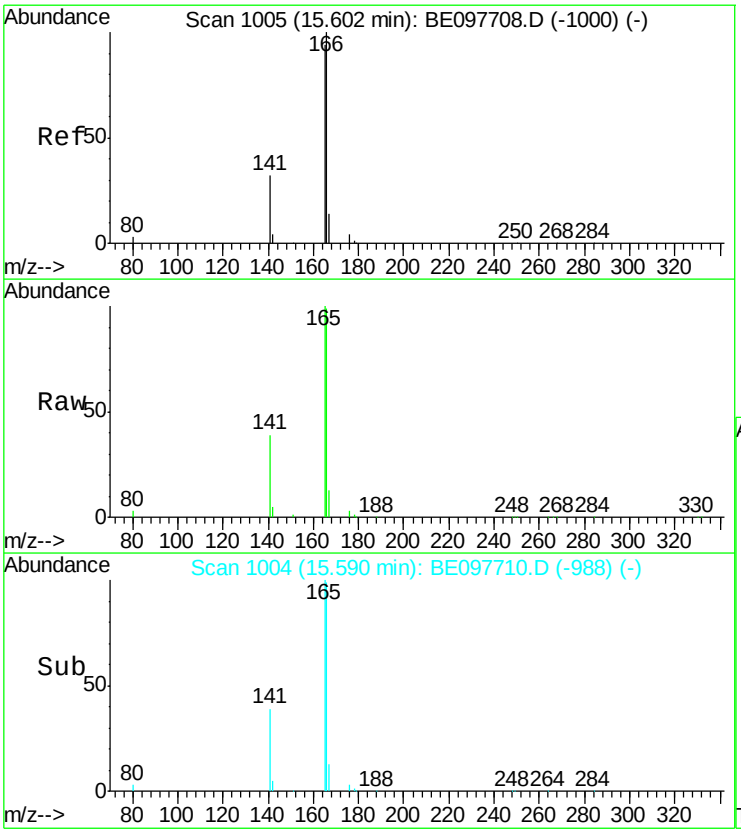
#17
Acenaphthene
Concen: 1.599 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 57306

Ion	Ratio	Lower	Upper
154	100		
153	113.8	93.3	139.9
152	57.9	48.9	73.3

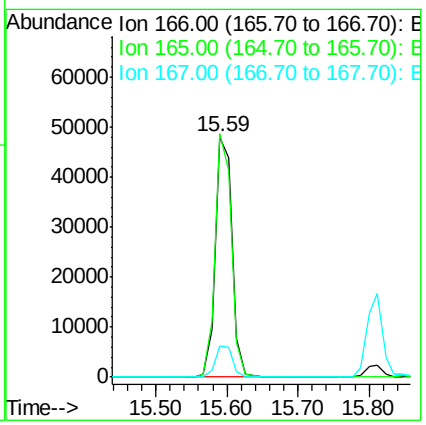


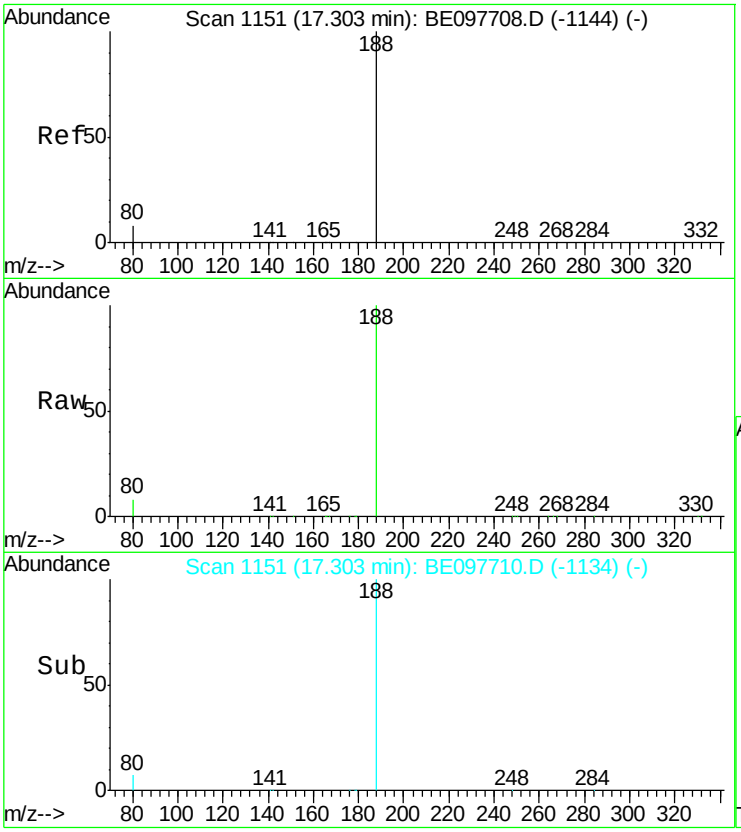


#18
Fluorene
Concen: 1.629 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:166 Resp: 77497

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	13.4	11.1	16.7



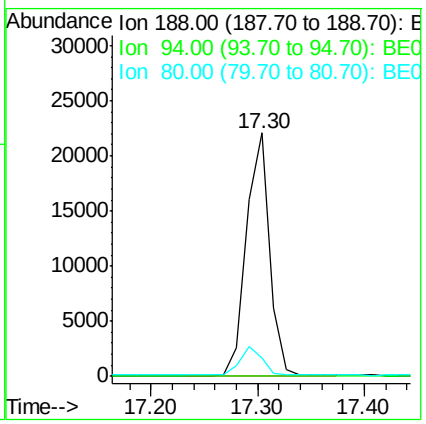


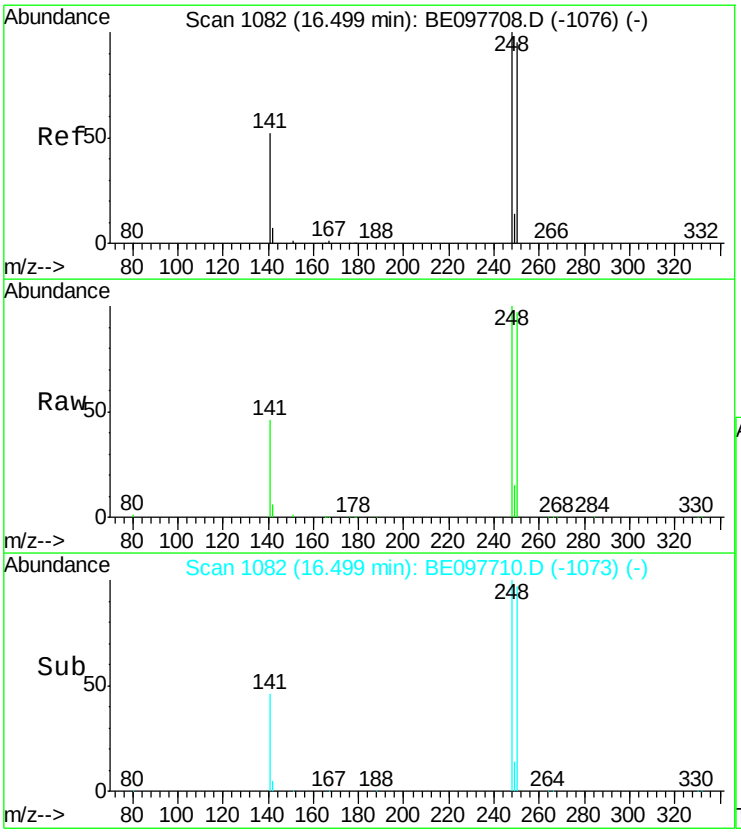
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 33405

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.6	9.8

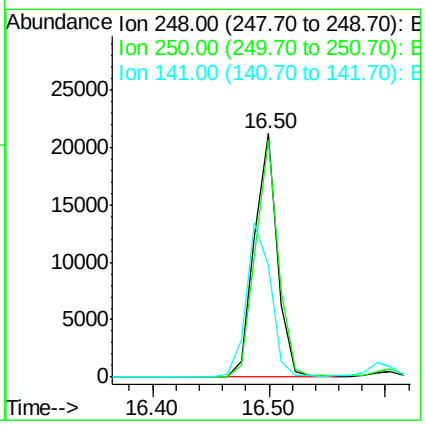


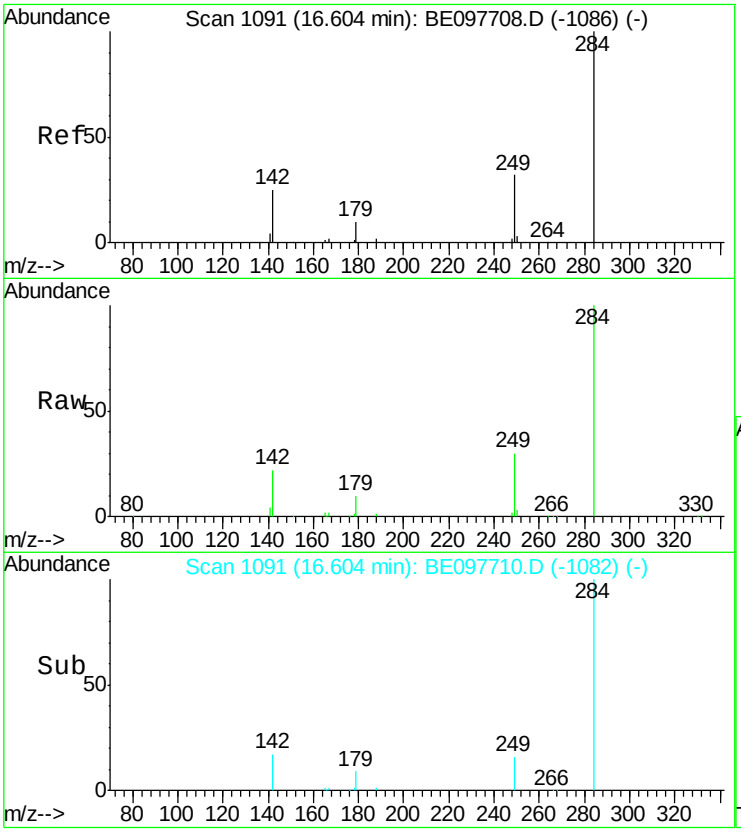


#20
4-Bromophenyl-phenylether
Concen: 1.657 ng
RT: 16.50 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:248 Resp: 29026

Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.1	114.1
141	45.8	42.2	63.4



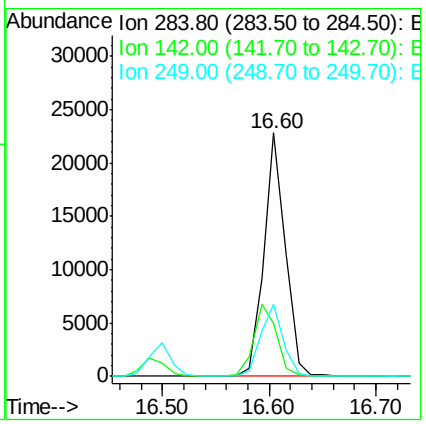


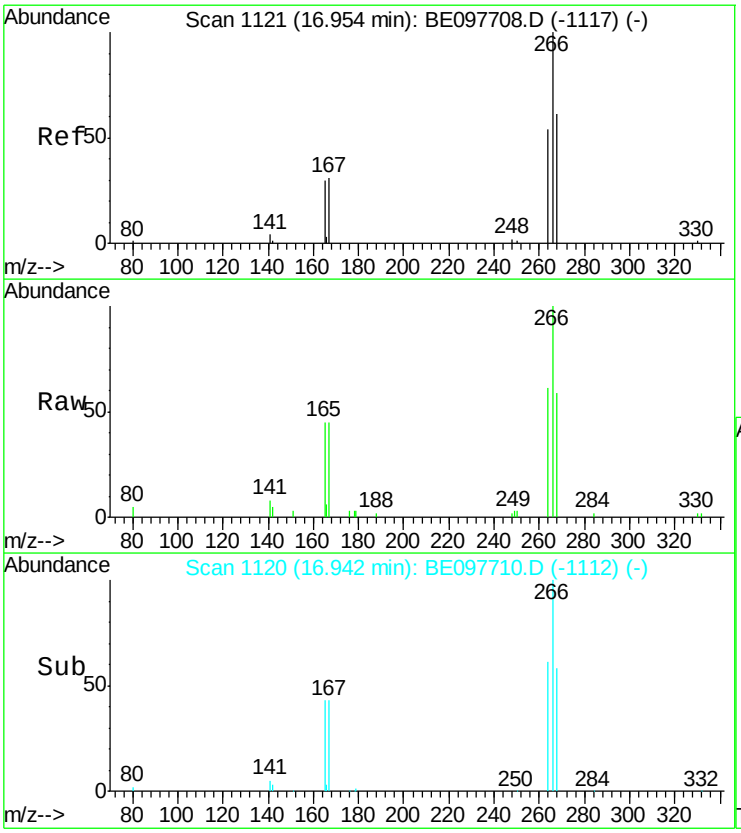
#21
Hexachlorobenzene
Concen: 1.604 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 31614

Ion	Ratio	Lower	Upper
284	100		
142	31.8	24.9	37.3
249	31.1	25.8	38.8

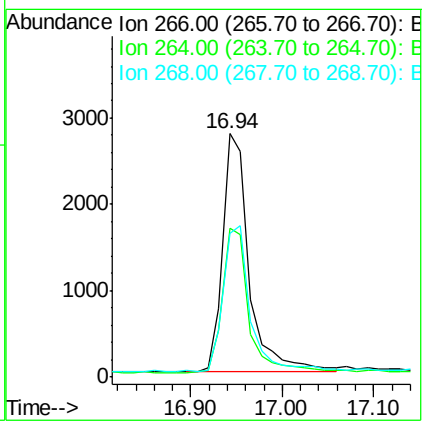


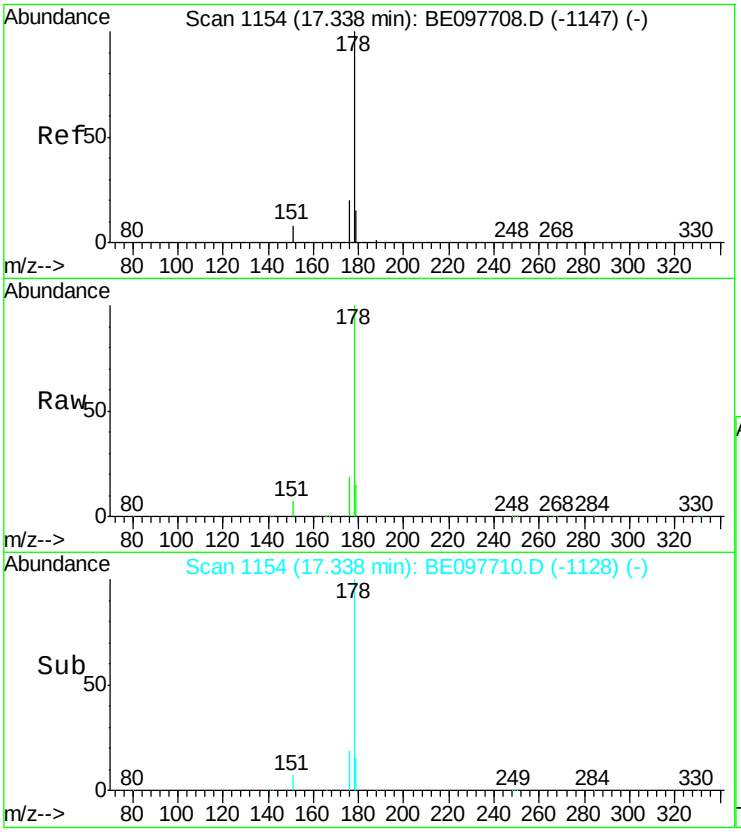


#22
Pentachlorophenol
Concen: 1.812 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:266 Resp: 5603

Ion	Ratio	Lower	Upper
266	100		
264	61.2	46.8	70.2
268	59.3	53.0	79.6



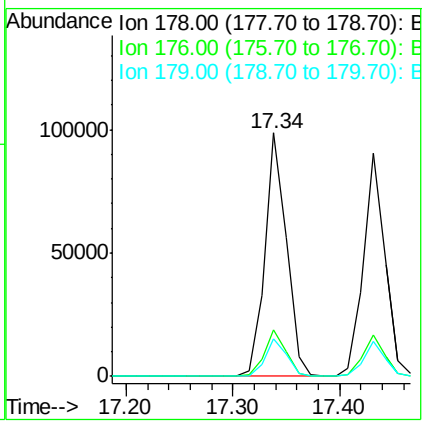


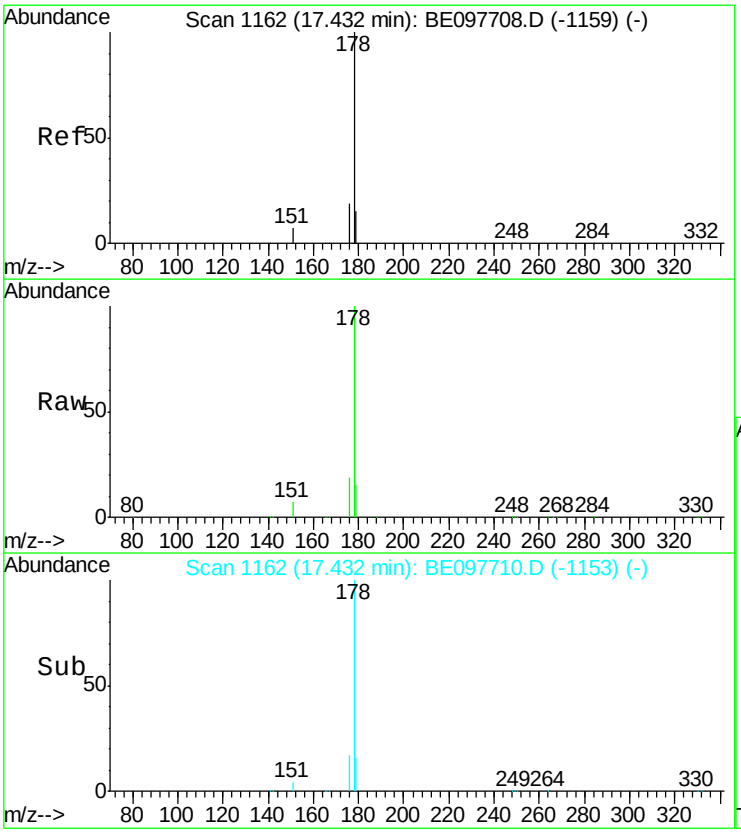
#23
Phenanthrene
Concen: 1.616 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 139111

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.4	12.2	18.4

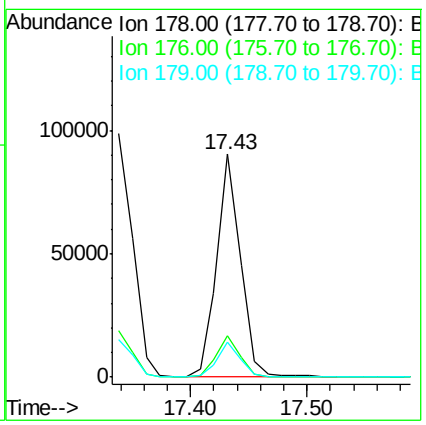


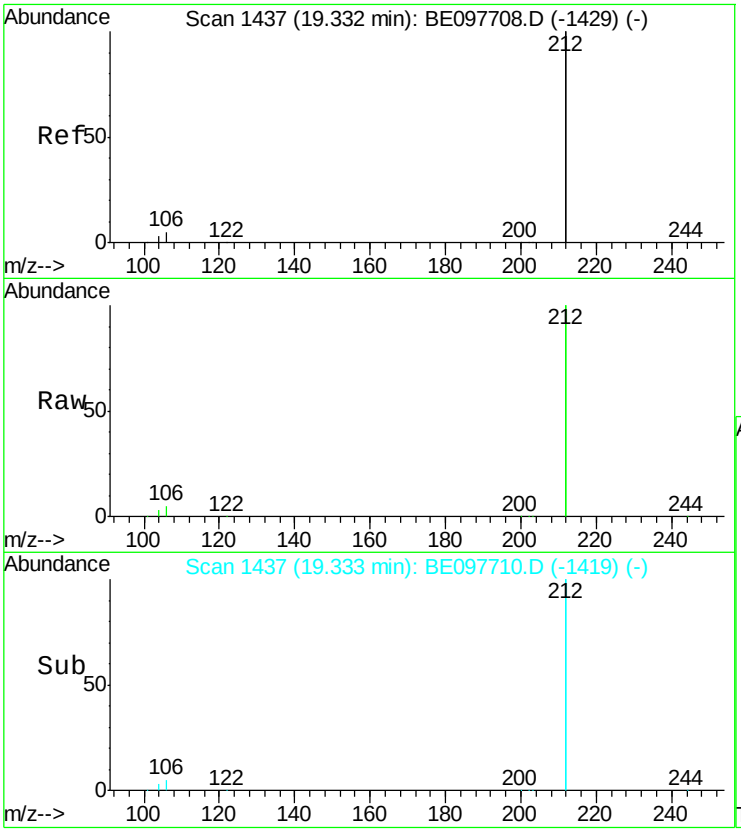


#24
Anthracene
Concen: 1.688 ng
RT: 17.43 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:178 Resp: 125454

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.3	12.2	18.2



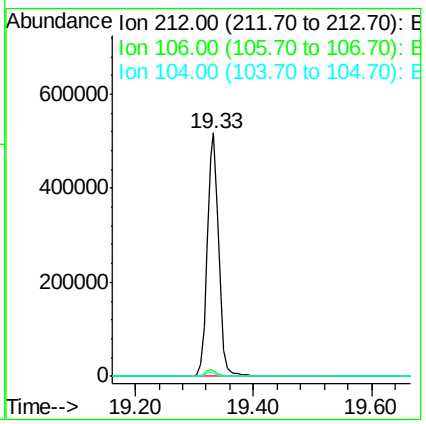


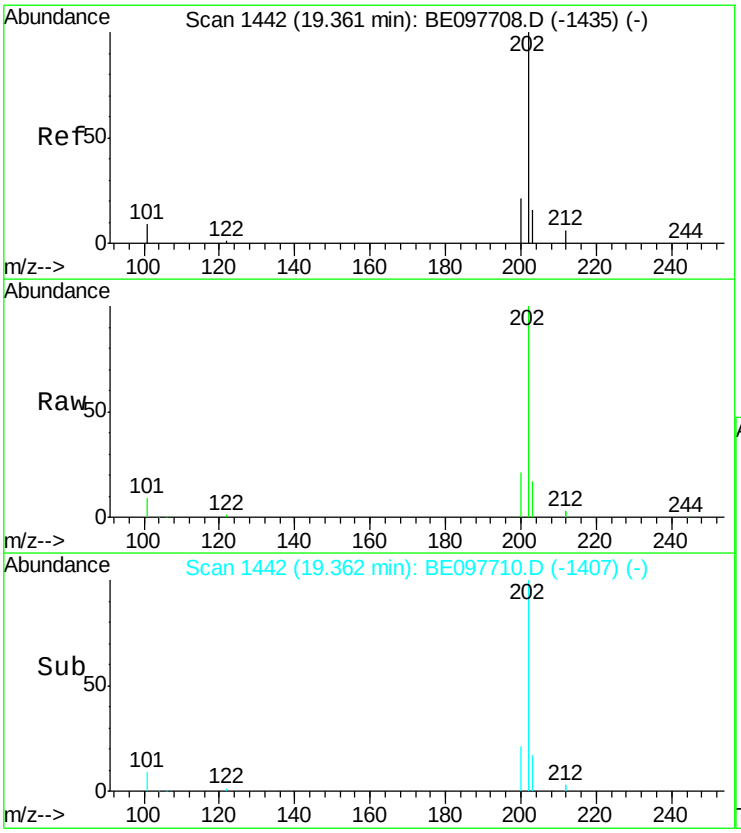
#25
Fluoranthene-d10
Concen: 1.650 ng
RT: 19.33 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 697826

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.2
104	1.5	1.2	1.8

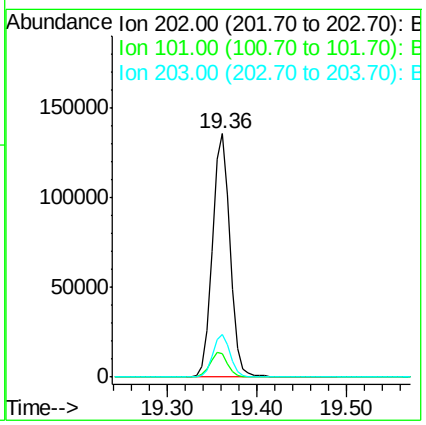


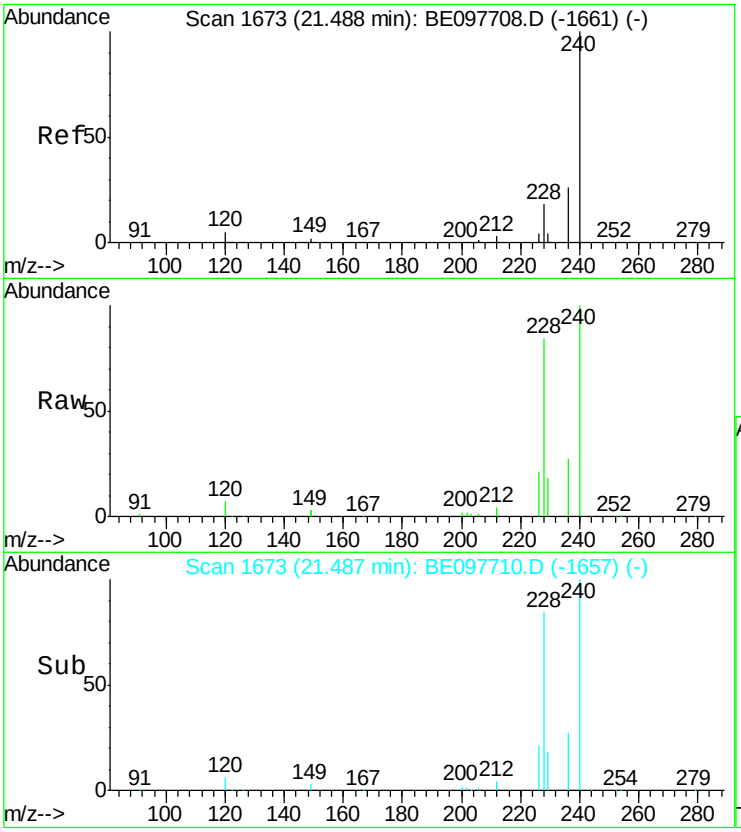


#26
Fluoranthene
Concen: 1.682 ng
RT: 19.36 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:202 Resp: 184480

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.8	11.8
203	17.2	13.8	20.6



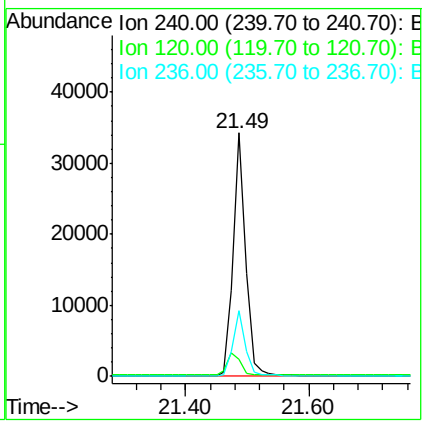


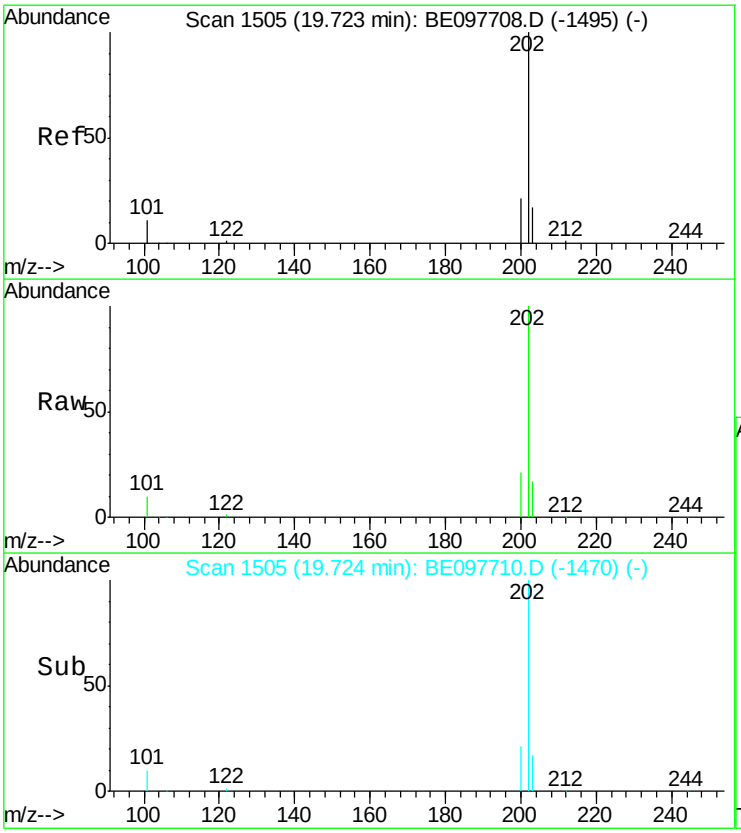
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 47153

Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.7	7.1
236	26.8	20.8	31.2

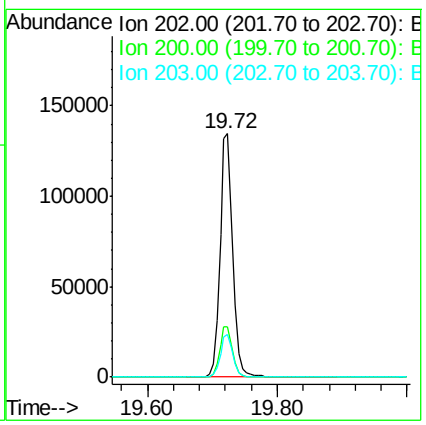


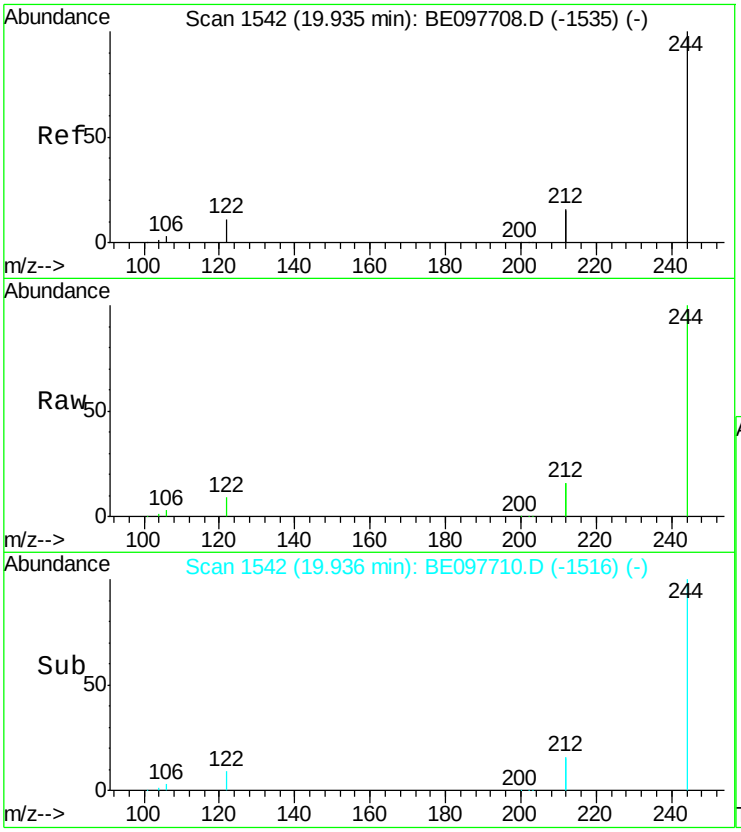


#28
Pyrene
Concen: 1.553 ng
RT: 19.72 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:202 Resp: 186081

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



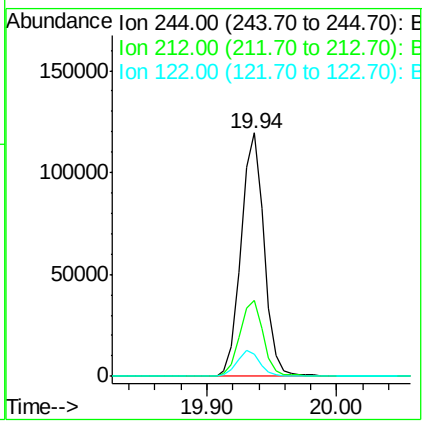


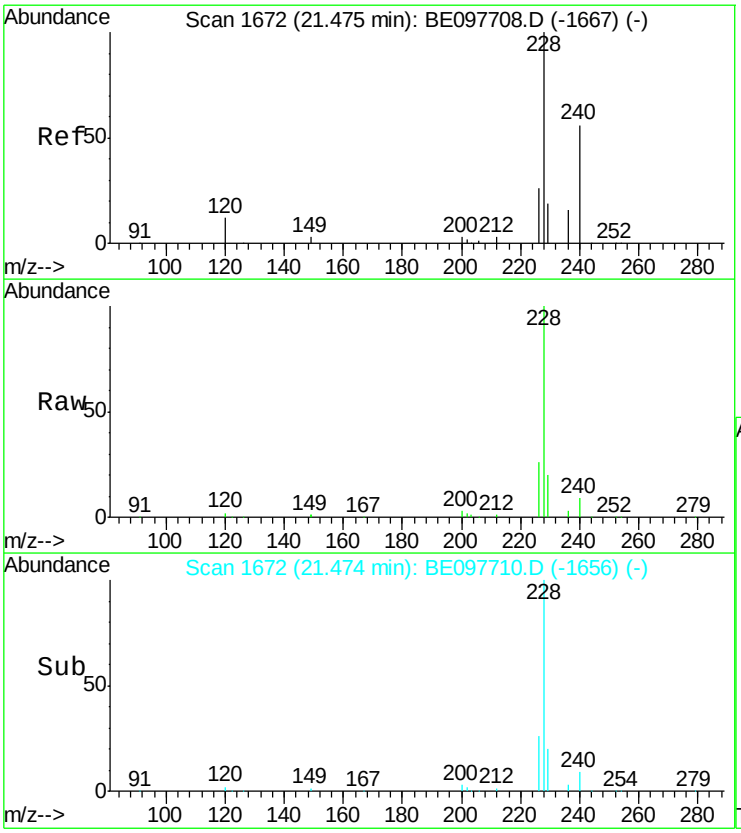
#29
Terphenyl-d14
Concen: 1.514 ng
RT: 19.94 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 145774

Ion	Ratio	Lower	Upper
244	100		
212	31.0	25.8	38.8
122	9.0	8.7	13.1

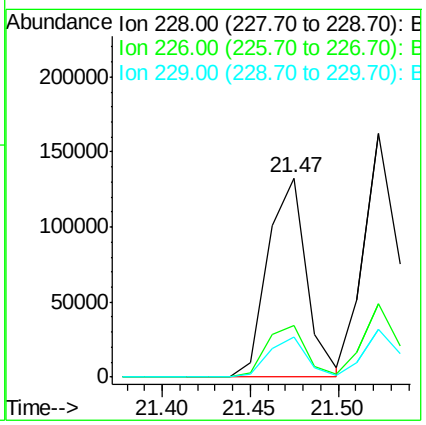


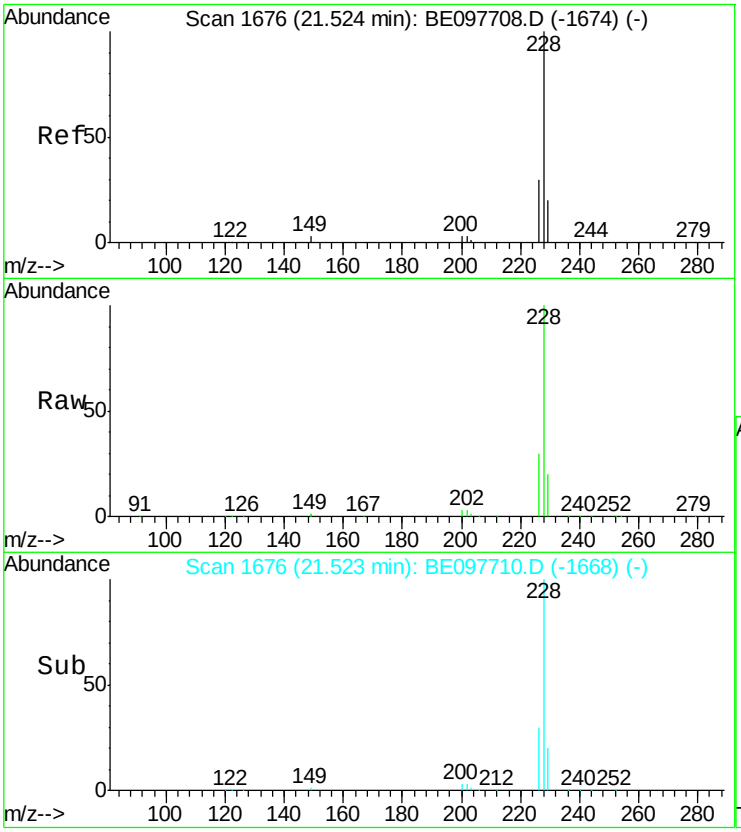


#30
Benzo(a)anthracene
Concen: 1.593 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:228 Resp: 201994

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.7	31.1
229	20.4	15.7	23.5



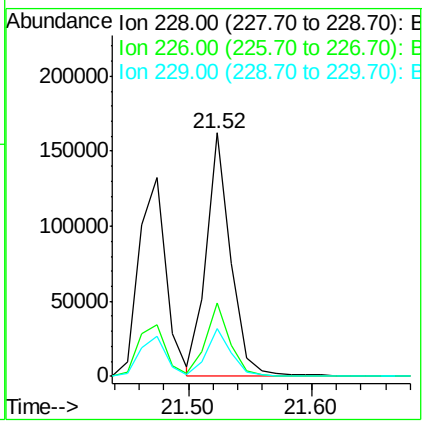


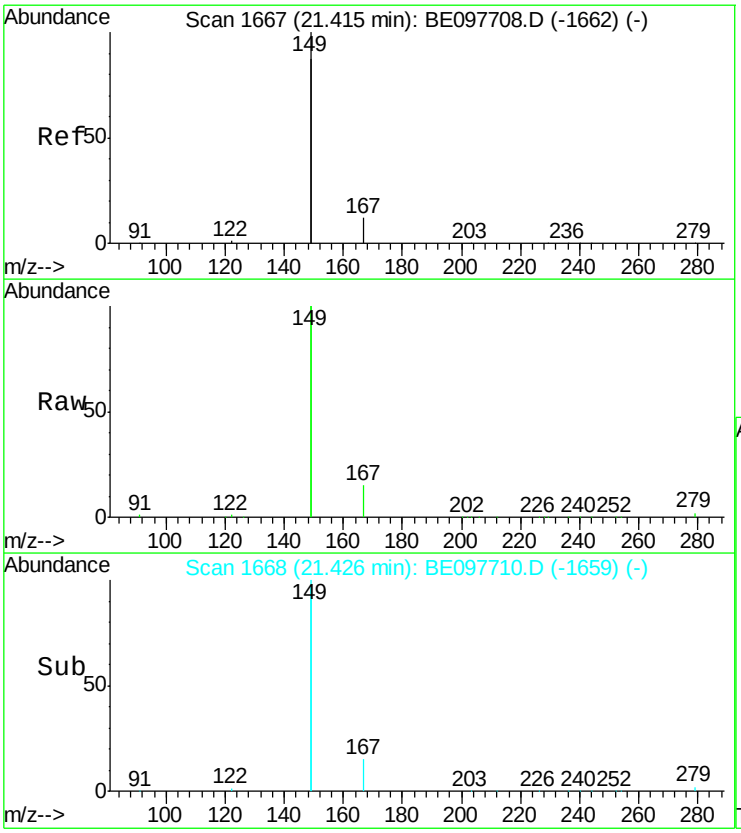
#31
Chrysene
Concen: 1.551 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 219858

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.8	16.0	24.0

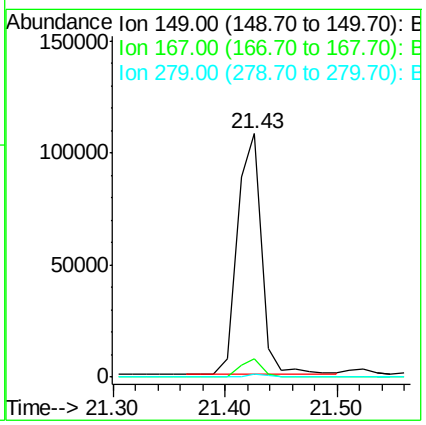


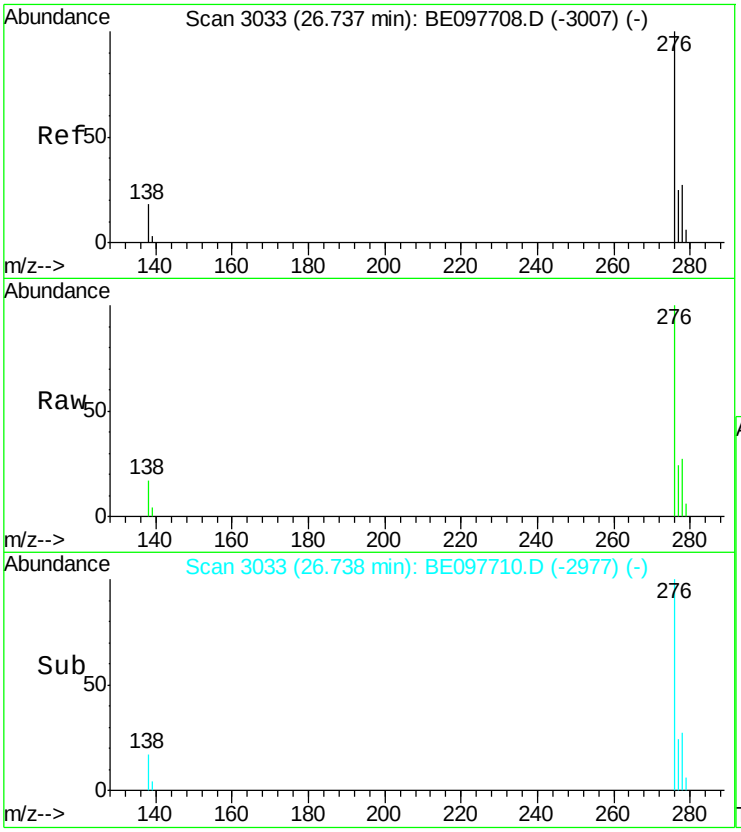


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.722 ng
RT: 21.43 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:149 Resp: 159697

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



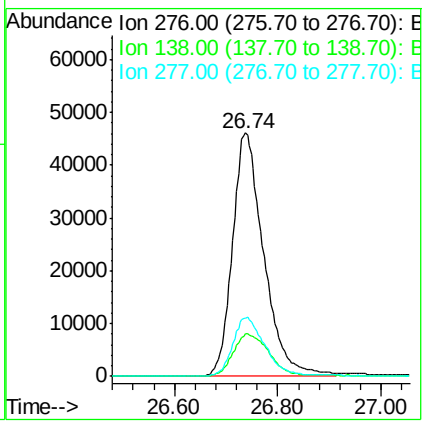


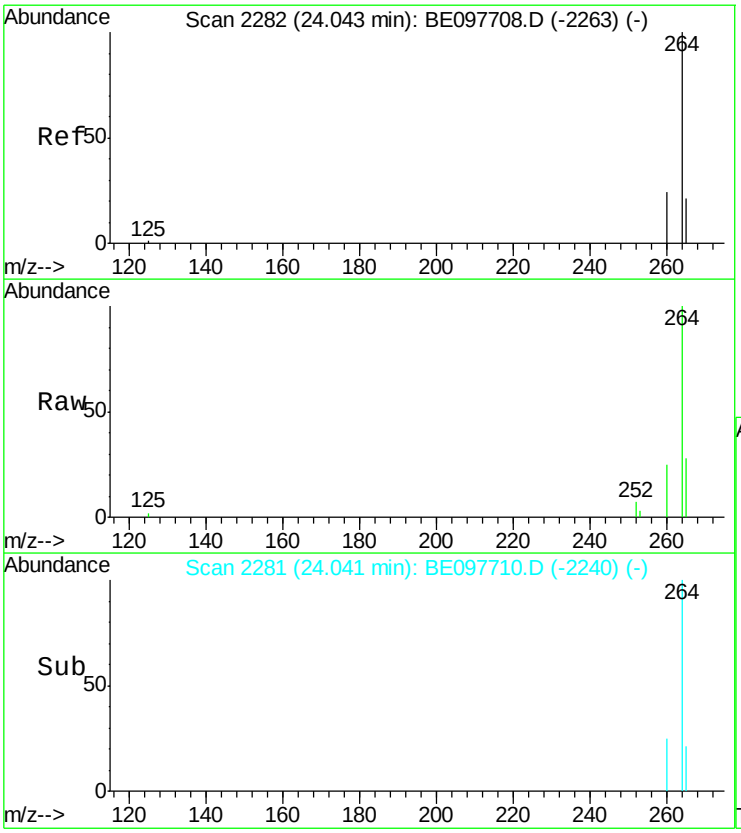
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.571 ng
RT: 26.74 min Scan# 3033
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 193391

Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.0	22.6
277	25.0	19.2	28.8

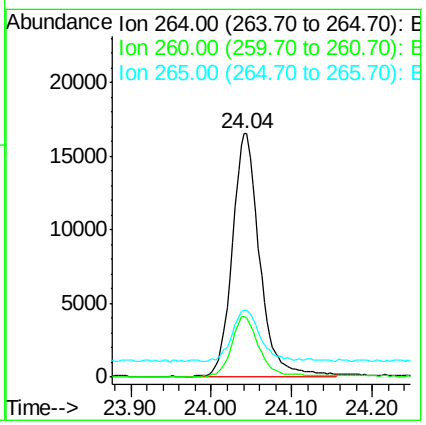


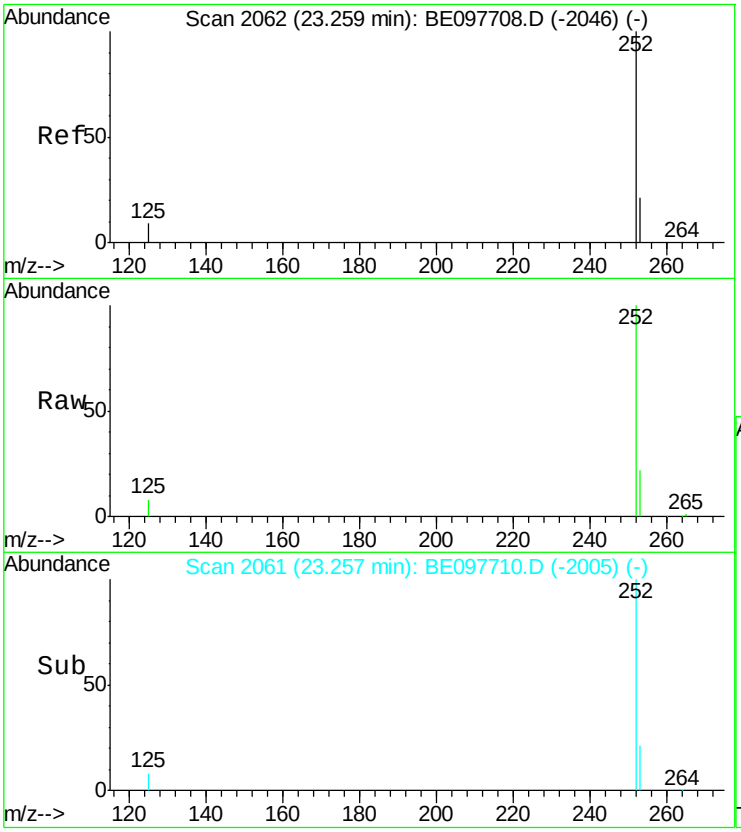


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:264 Resp: 38537

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	27.6	21.9	32.9



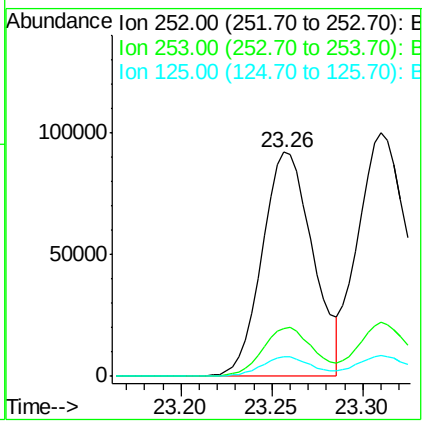


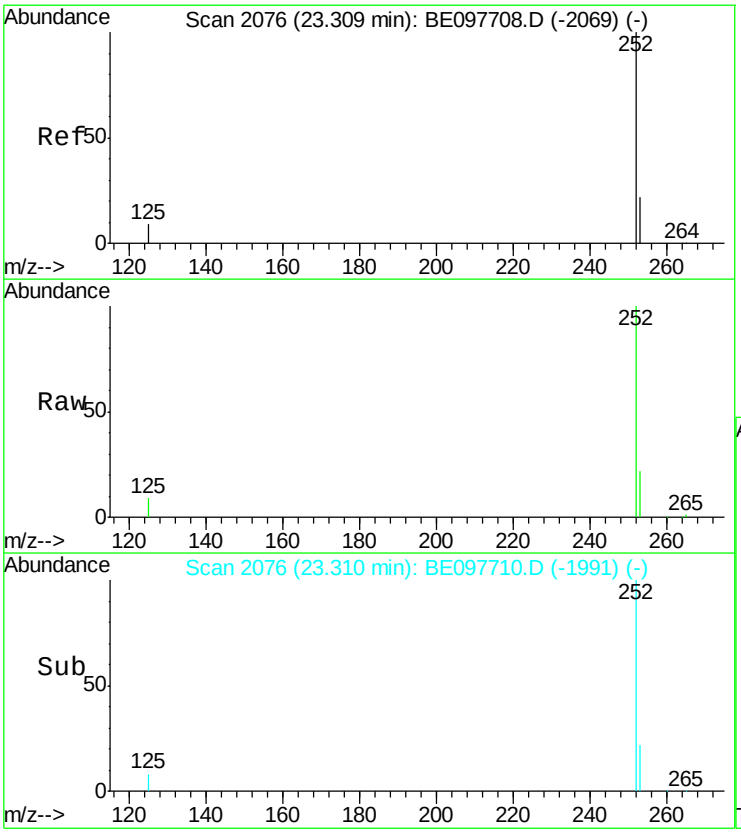
#35
Benzo(b)fluoranthene
Concen: 1.678 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 177503

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	8.5	7.8	11.8

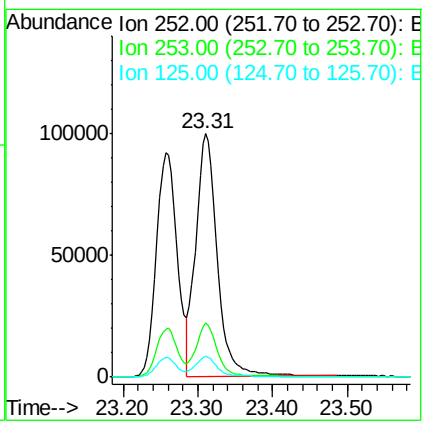


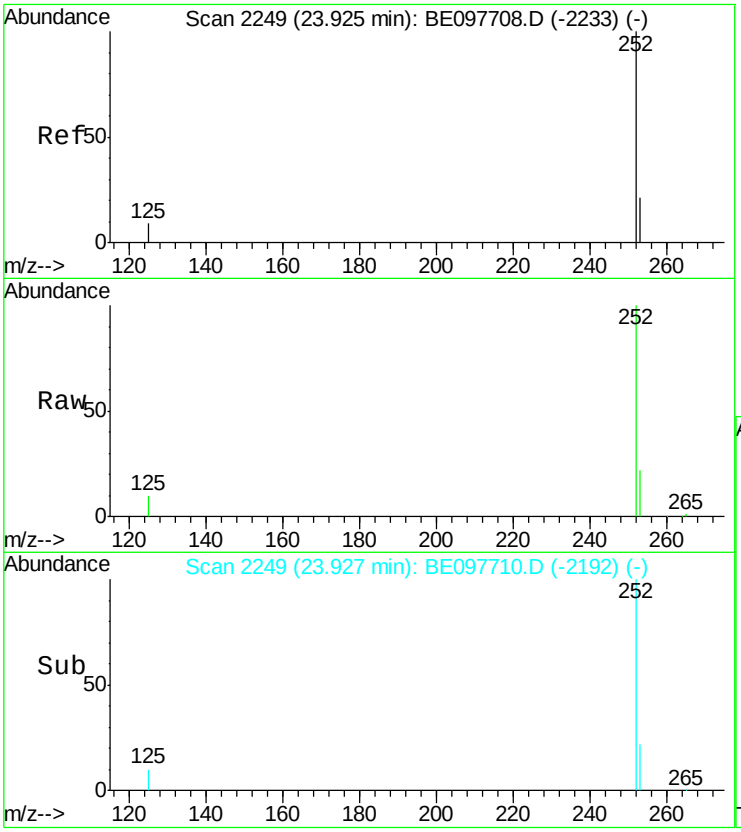


#36
Benzo(k)fluoranthene
Concen: 1.717 ng
RT: 23.31 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:252 Resp: 201280

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	8.6	7.5	11.3



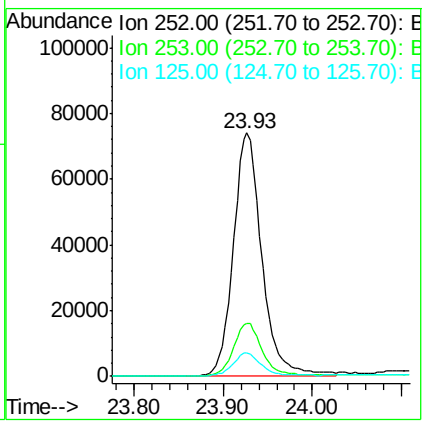


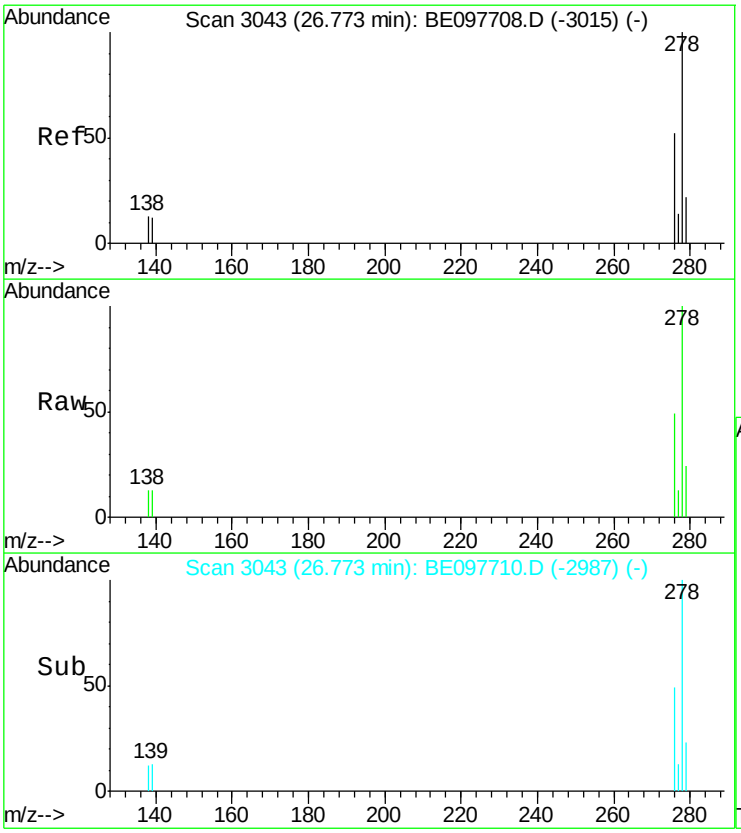
#37
Benzo(a)pyrene
Concen: 1.700 ng
RT: 23.93 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 162748

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.8	8.3	12.5

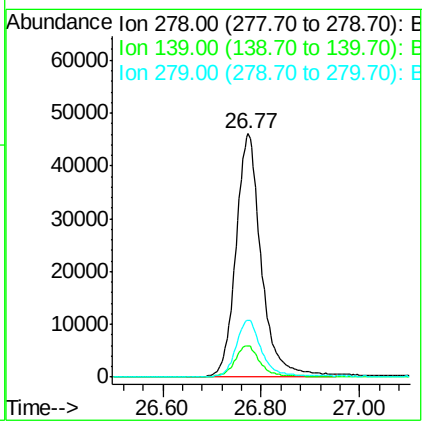


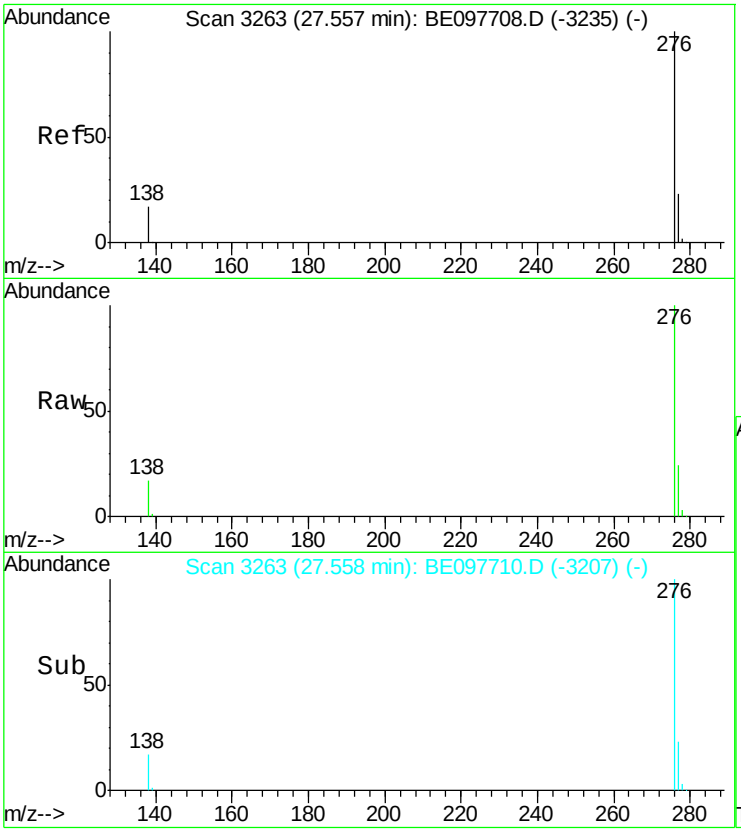


#38
Dibenzo(a,h)anthracene
Concen: 1.750 ng
RT: 26.77 min Scan# 3043
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Tgt Ion:278 Resp: 165030

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.3	15.5
279	23.5	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 1.687 ng
RT: 27.56 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BE097710.D
Acq: 3 Oct 2018 10:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 166512

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	17.3	14.2	21.2