Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097067.D
Acq On : 24 Jul 2018 10:45
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 24 11:27:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 11:09:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1336	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6876	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	4350	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	11911	0.40	ng		0.00
27) Chrysene-d12	20.98	240	11566	0.40	ng		0.00
34) Perylene-d12	23.21	264	9516	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	2791	0.87	ng		0.00
5) Phenol-d6	6.60	99	4141	0.85	ng		0.00
8) Nitrobenzene-d5	8.52	82	4413	0.88	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	7573	0.76	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	1156	1.05	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	11263	0.70	ng		0.00
25) Fluoranthene-d10	18.81	212	89428	0.86	ng		0.00
29) Terphenyl-d14	19.43	244	16650	0.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	1613	0.843	ng	#	86
3) n-Nitrosodimethylamine	3.38	42	1872	0.870	ng		94
6) bis(2-Chloroethyl)ether	6.84	93	3751	0.784	ng		98
9) Naphthalene	10.20	128	45883	0.745	ng		99
10) Hexachlorobutadiene	10.48	225	2114	0.850	ng		95
12) 2-Methylnaphthalene	11.80	142	7858	0.753	ng		99
16) Acenaphthylene	13.73	152	14655	0.738	ng		100
17) Acenaphthene	14.08	154	8494	0.688	ng	#	92
18) Fluorene	15.07	166	11310	0.816	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	4371	0.776	ng		86
21) Hexachlorobenzene	16.08	284	4616	0.738	ng	#	83
22) Pentachlorophenol	16.43	266	1216	1.185	ng	#	77
23) Phenanthrene	16.81	178	21300	0.747	ng		99
24) Anthracene	16.90	178	18957	0.764	ng		96
26) Fluoranthene	18.84	202	24134	0.802	ng		98
28) Pyrene	19.20	202	23681	0.694	ng		99
30) Benzo(a)anthracene	20.95	228	20824	0.756	ng		97
31) Chrysene	21.00	228	23628	0.765	ng		97
32) Bis(2-ethylhexyl)phthalate	20.92	149	22892	0.833	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	20563	0.914	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	17833	0.734	ng	#	87
36) Benzo(k)fluoranthene	22.58	252	21320	0.738	ng		96
37) Benzo(a)pyrene	23.11	252	17077	0.786	ng	#	92
38) Dibenzo(a,h)anthracene	25.53	278	16991	0.958	ng	#	94
39) Benzo(g,h,i)perylene	26.20	276	17954	0.909	ng	#	90

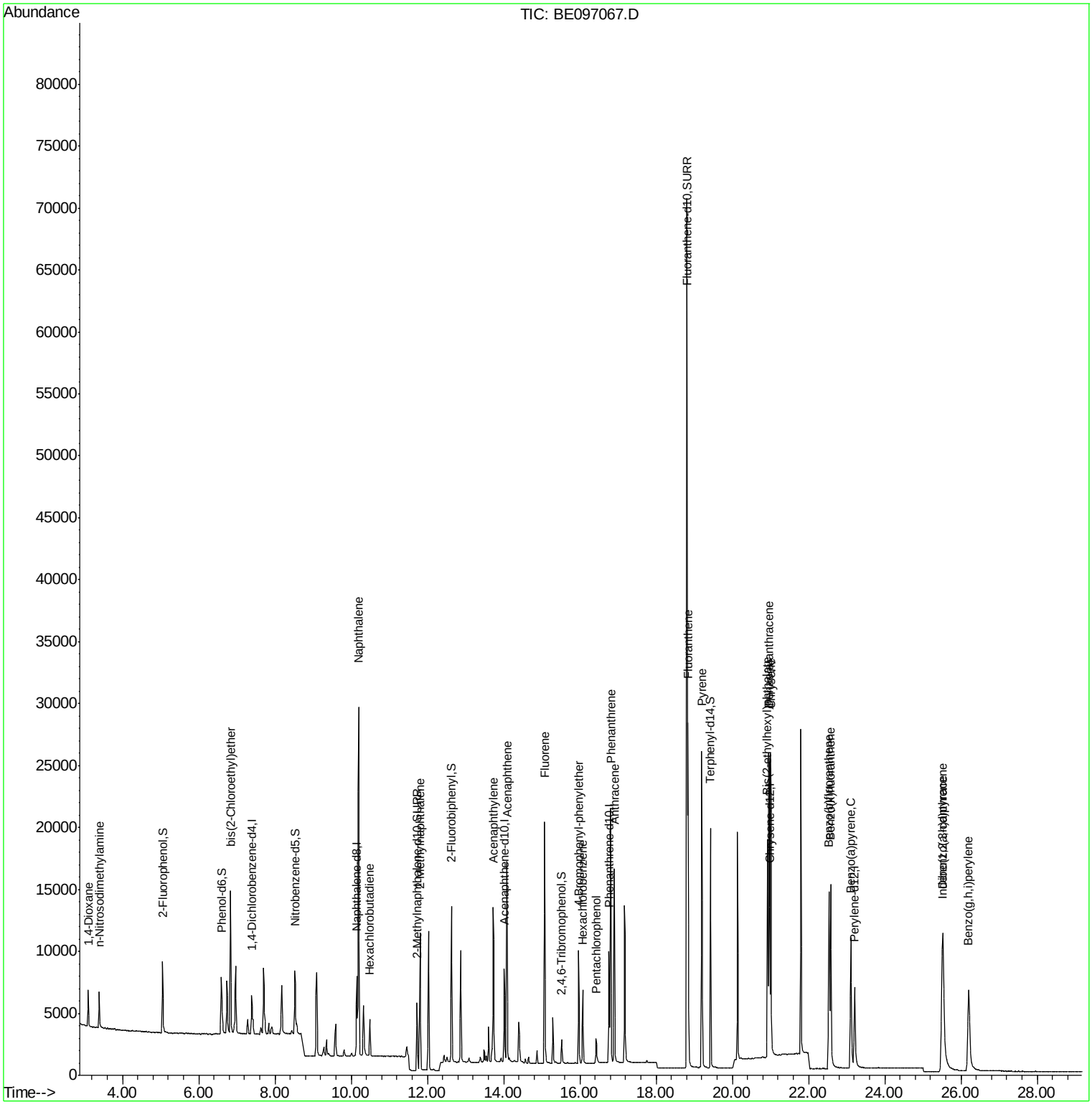
(#) = qualifier out of range (m) = manual integration (+) = signals summed

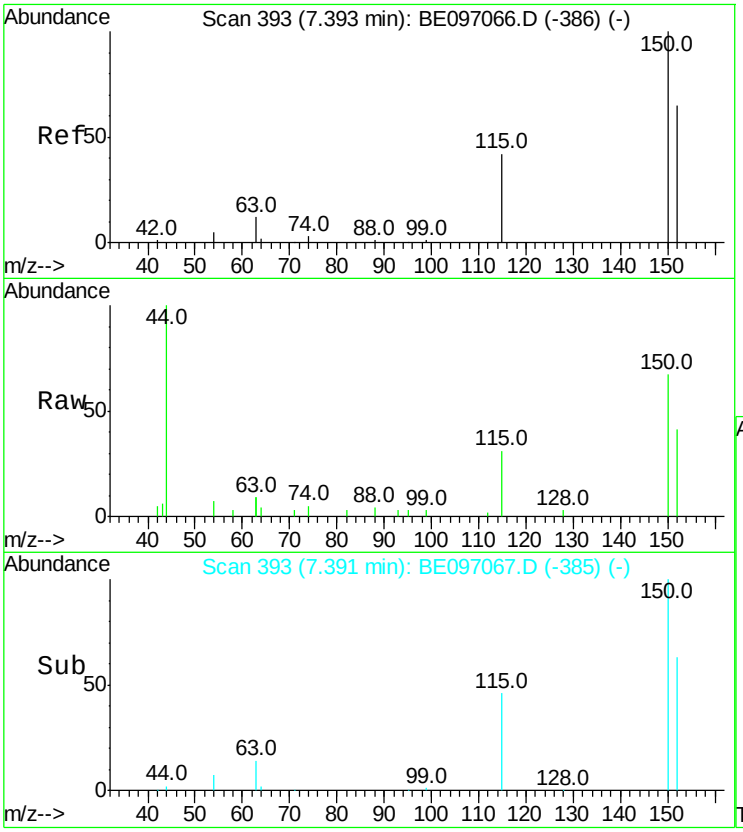
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097067.D
Acq On : 24 Jul 2018 10:45
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 24 11:27:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 11:09:08 2018
Response via : Initial Calibration



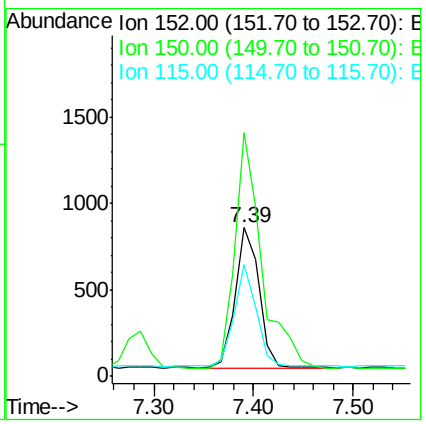


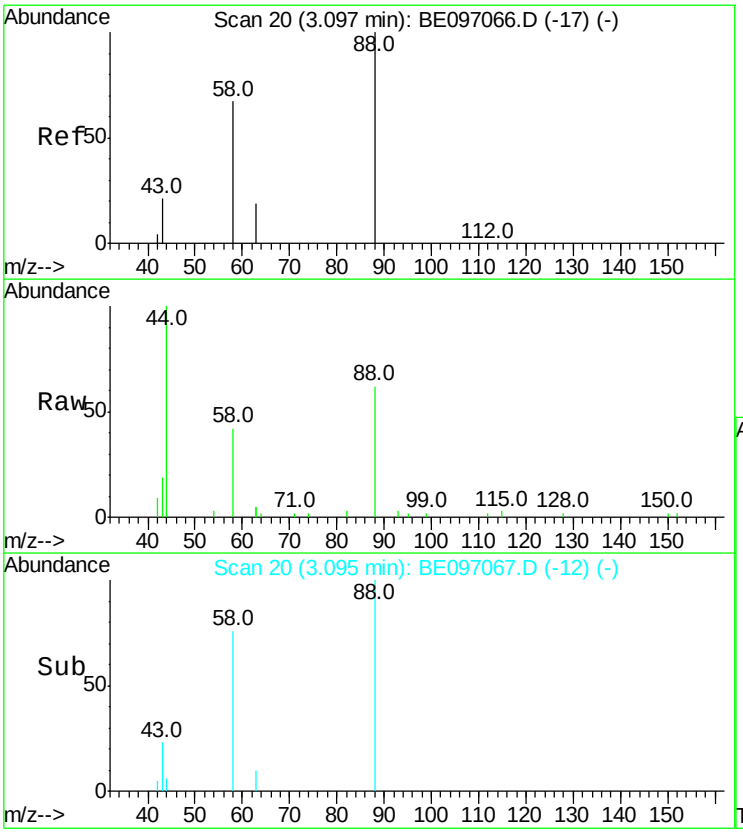
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1336

Ion	Ratio	Lower	Upper
152	100		
150	163.6	117.2	175.8
115	75.1	57.0	85.6

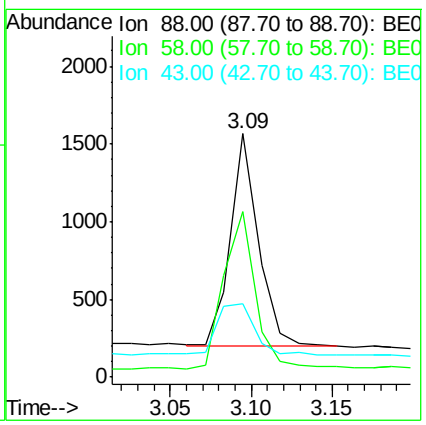


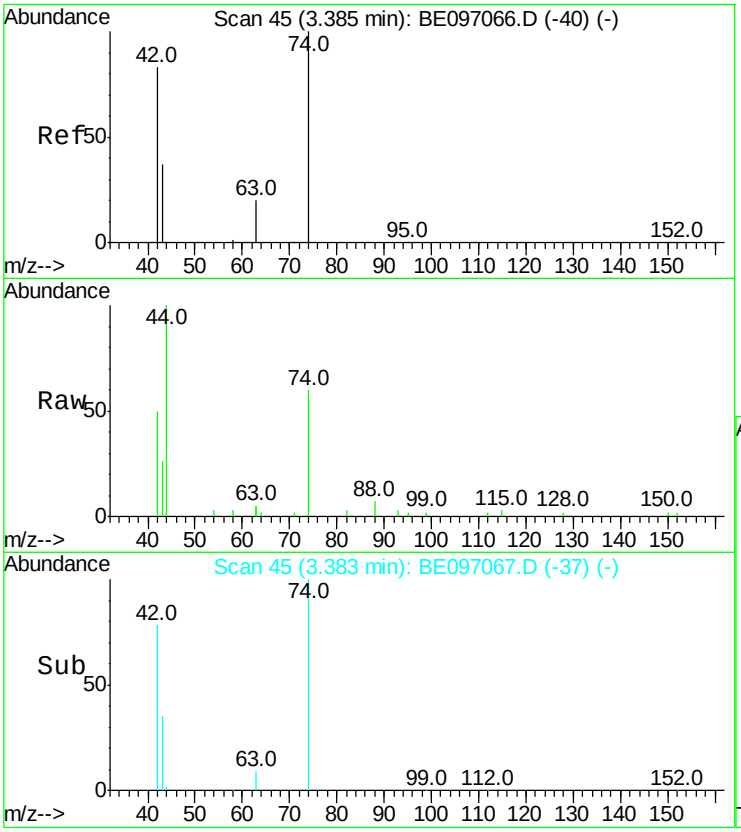


#2
1,4-Dioxane
Concen: 0.843 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion: 88 Resp: 1613

Ion	Ratio	Lower	Upper
88	100		
58	85.1	63.2	94.8
43	34.0	41.2	61.8#



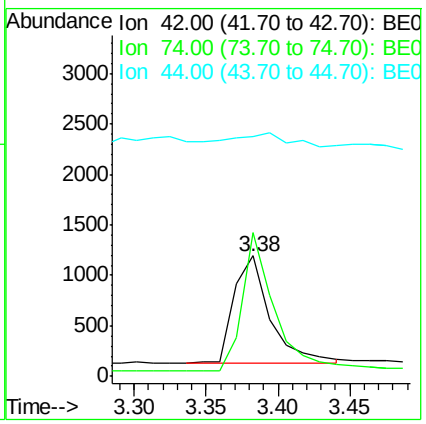


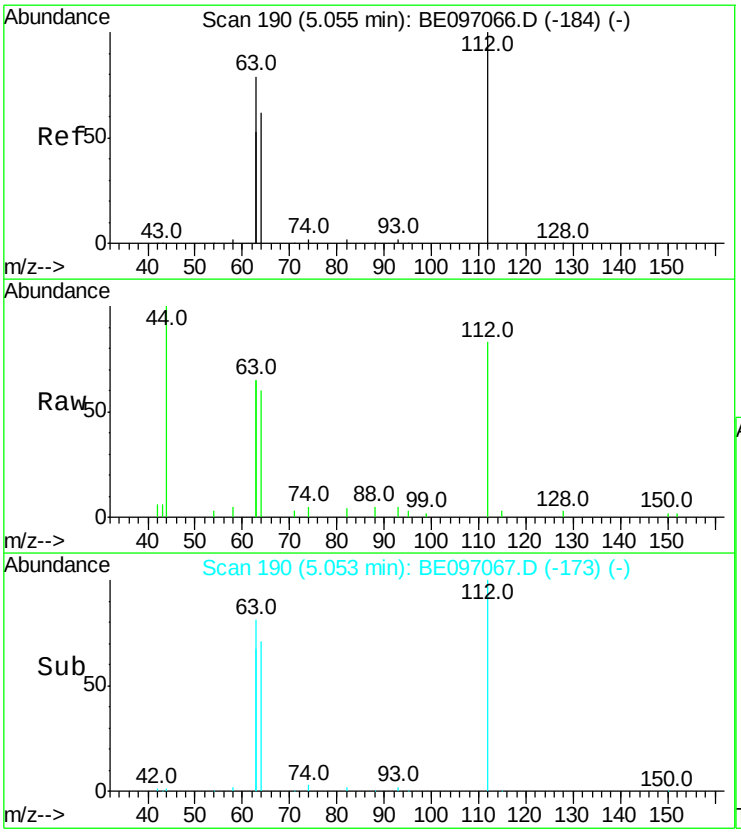
#3
n-Nitrosodimethylamine
Concen: 0.870 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1872

Ion	Ratio	Lower	Upper
42	100		
74	112.7	96.0	144.0
44	16.8	12.0	18.0

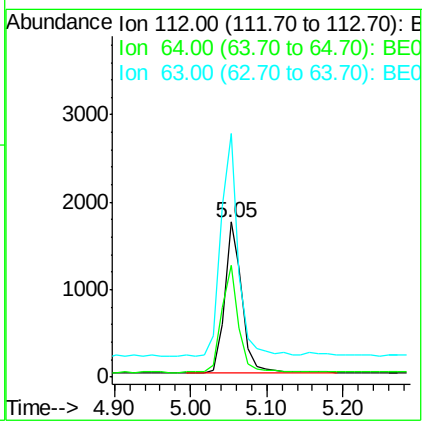


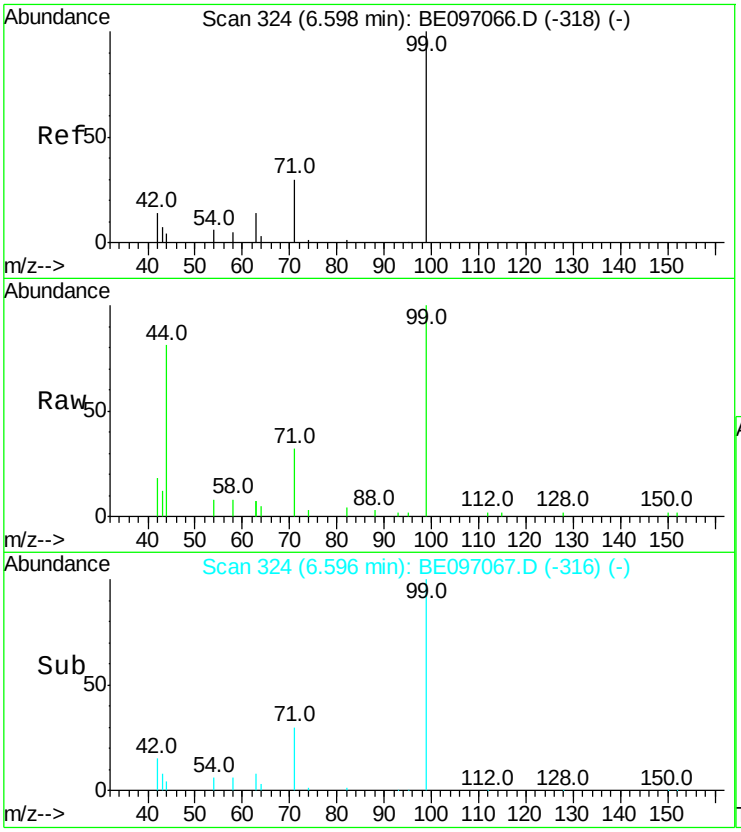


#4
2-Fluorophenol
Concen: 0.873 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:112 Resp: 2791

Ion	Ratio	Lower	Upper
112	100		
64	69.9	60.1	90.1
63	146.9	116.8	175.2



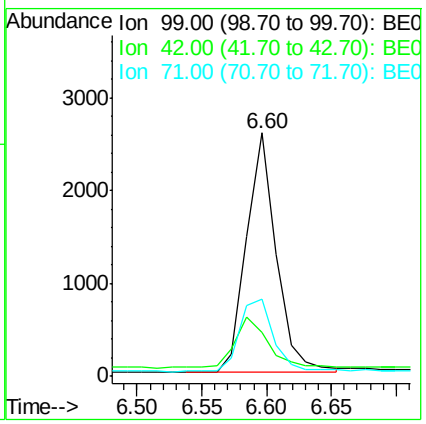


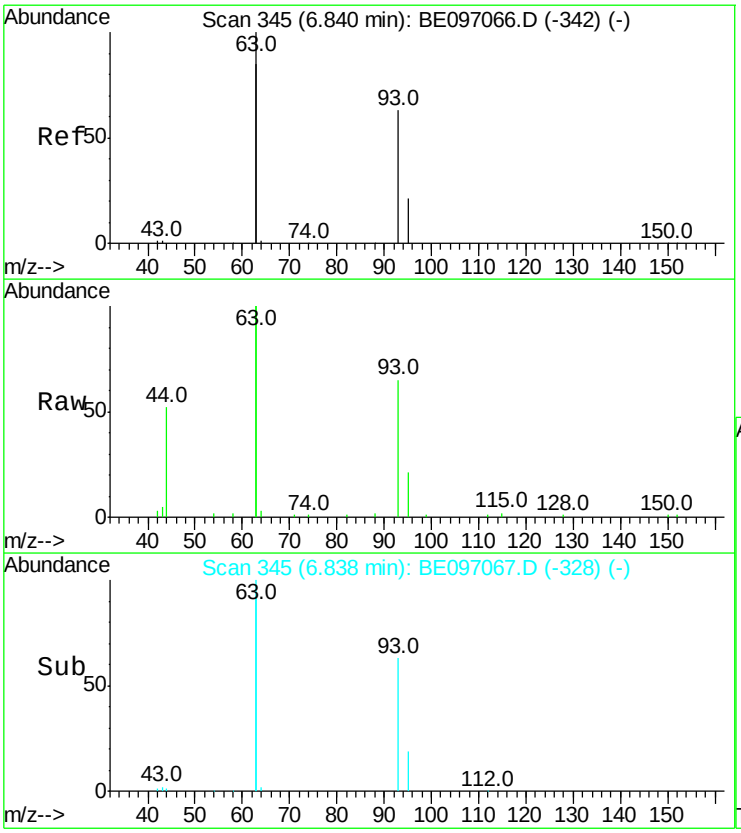
#5
Phenol-d6
Concen: 0.849 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4141

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.2	30.2
71	34.4	28.4	42.6

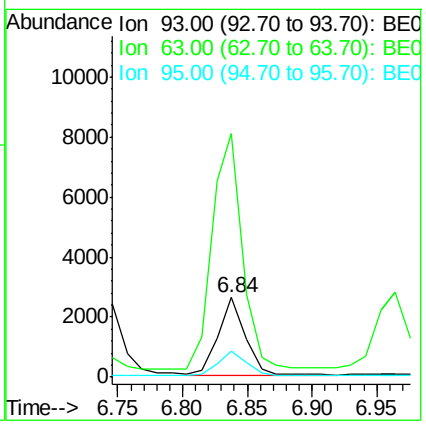


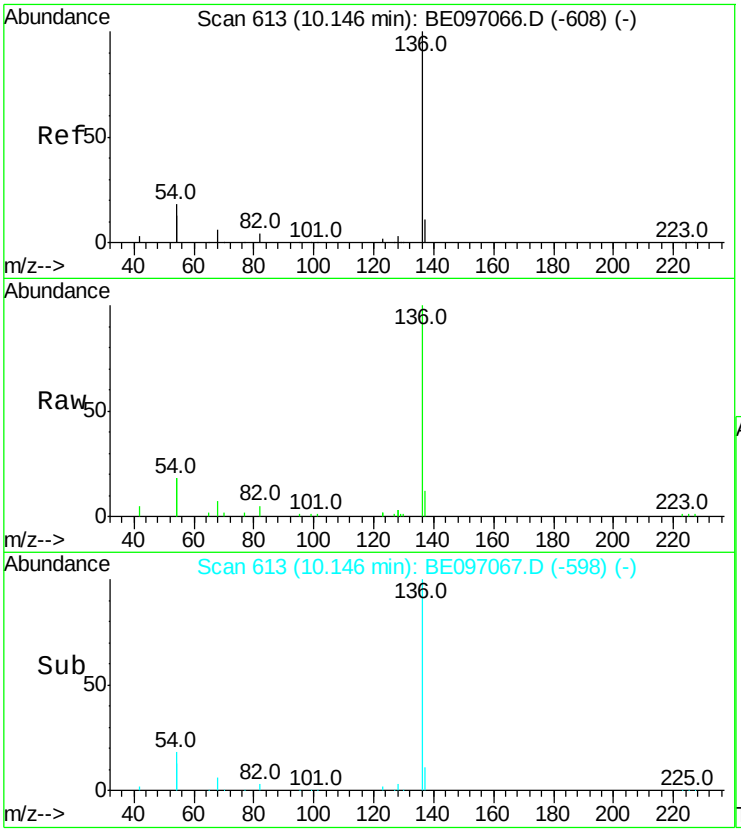


#6
bis(2-Chloroethyl)ether
Concen: 0.784 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion: 93 Resp: 3751

Ion	Ratio	Lower	Upper
93	100		
63	339.6	275.3	412.9
95	33.2	25.2	37.8



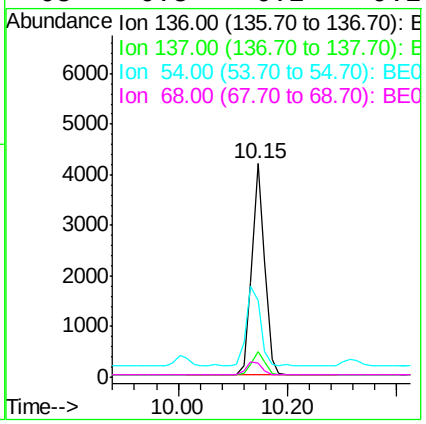


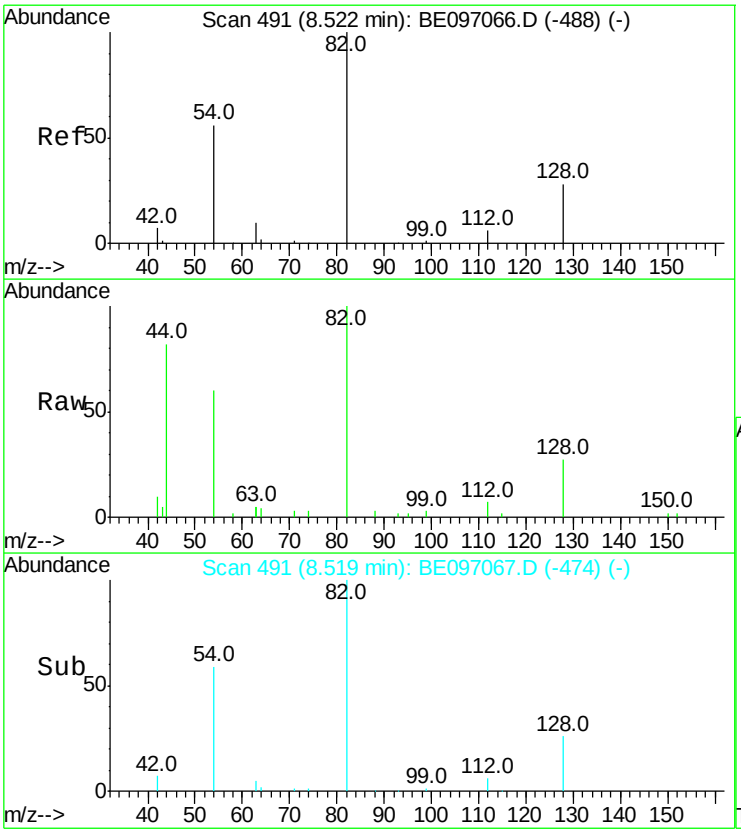
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6876

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	35.8	29.1	43.7
68	6.8	6.2	9.2

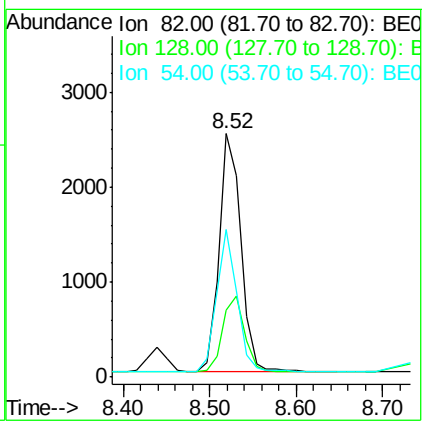


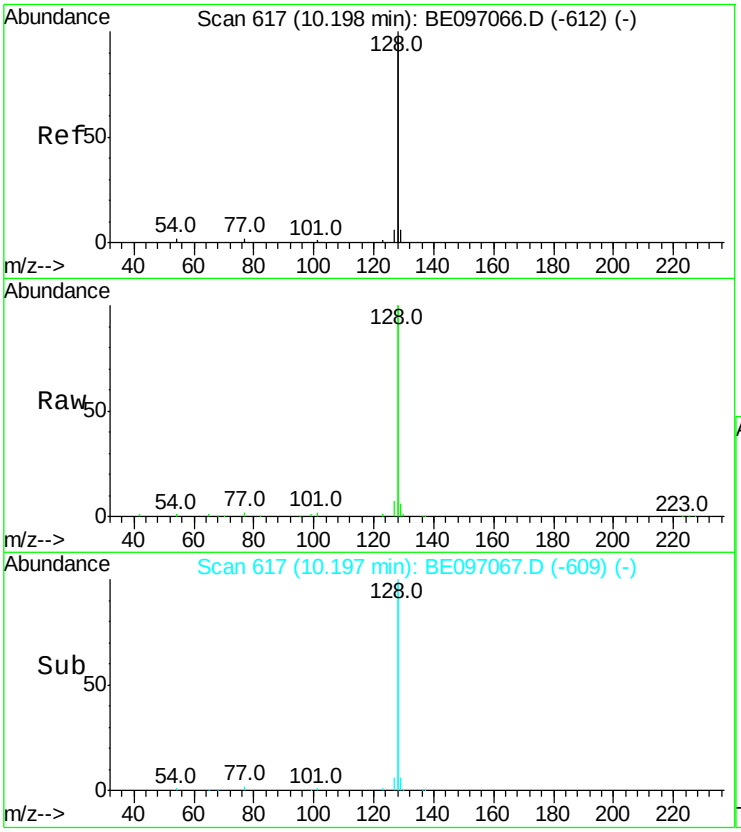


#8
Nitrobenzene-d5
Concen: 0.880 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion: 82 Resp: 4413

Ion	Ratio	Lower	Upper
82	100		
128	27.4	24.0	36.0
54	60.5	40.0	60.0#



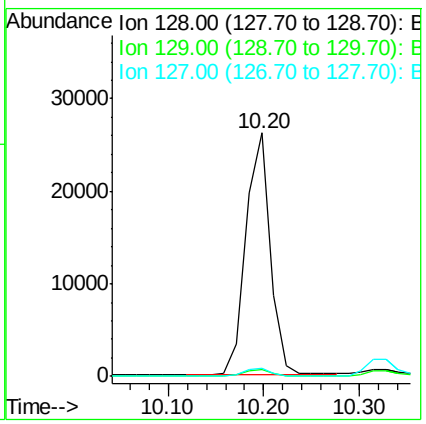


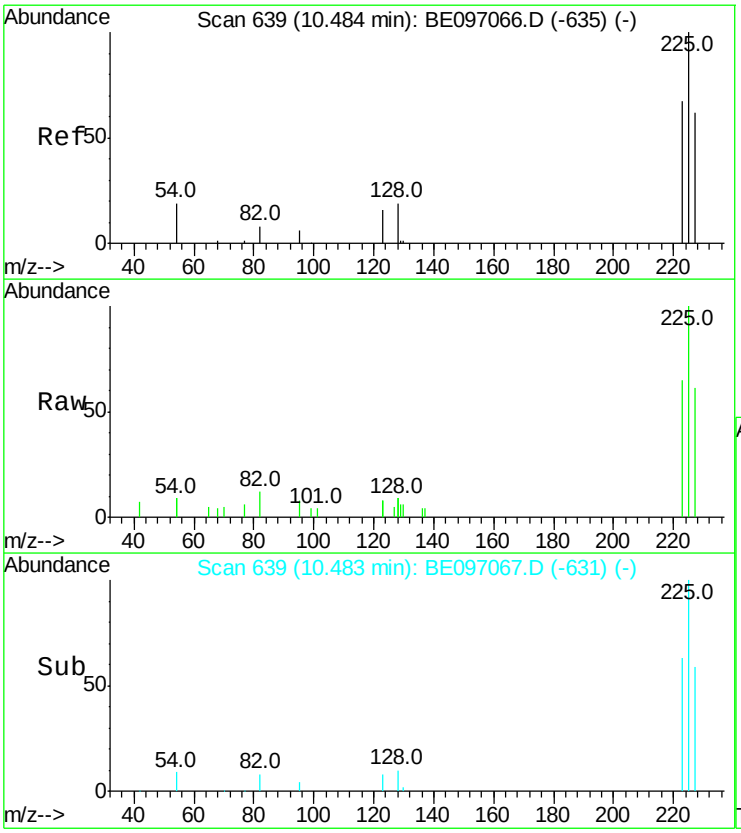
#9
Naphthalene
Concen: 0.745 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 45883

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.3	2.8	4.2

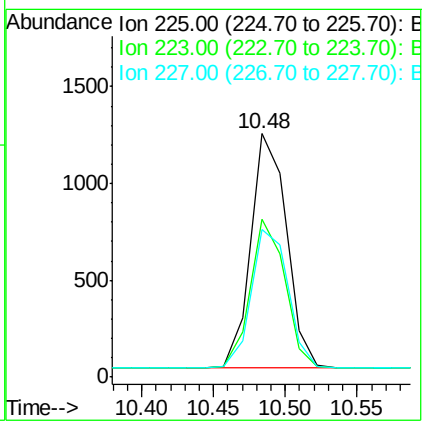


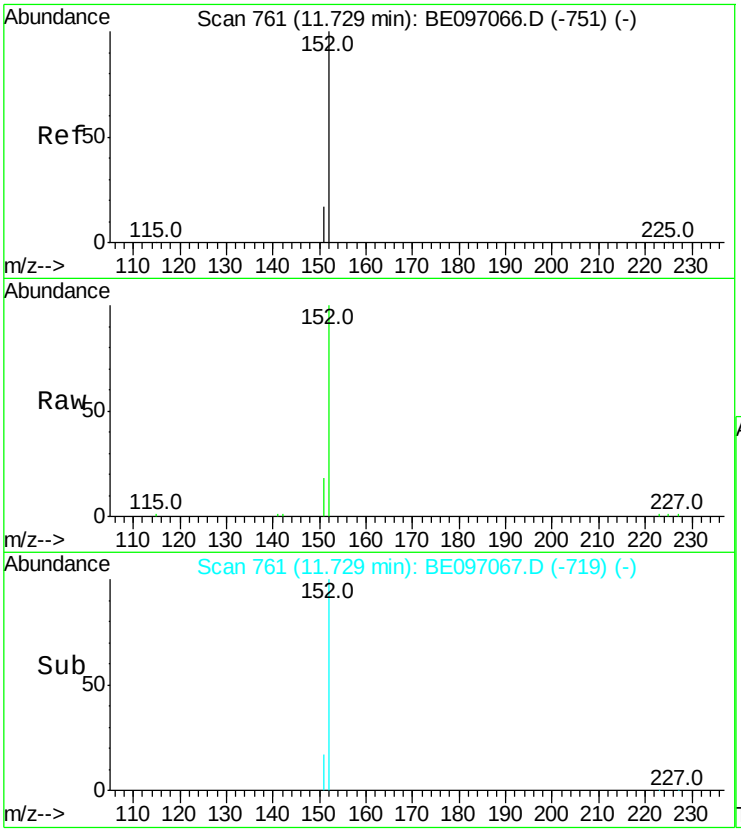


#10
Hexachlorobutadiene
Concen: 0.850 ng
RT: 10.48 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:225 Resp: 2114

Ion	Ratio	Lower	Upper
225	100		
223	61.8	53.0	79.6
227	61.2	51.4	77.2



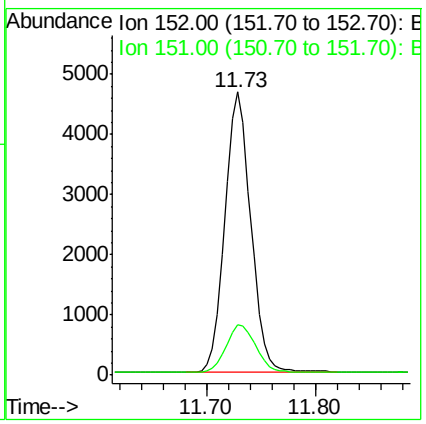


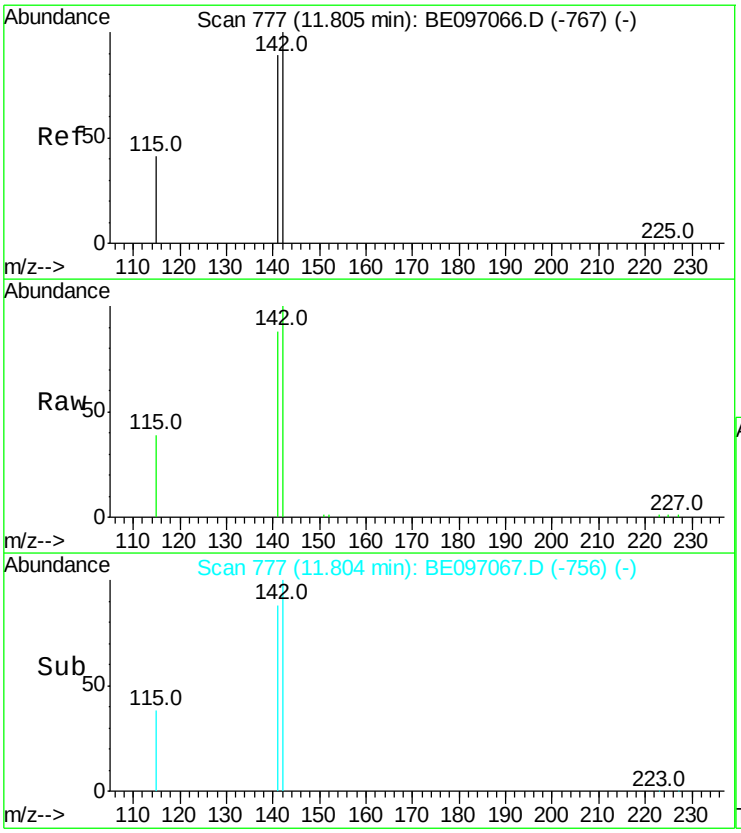
#11
2-Methylnaphthalene-d10
Concen: 0.756 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7573

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

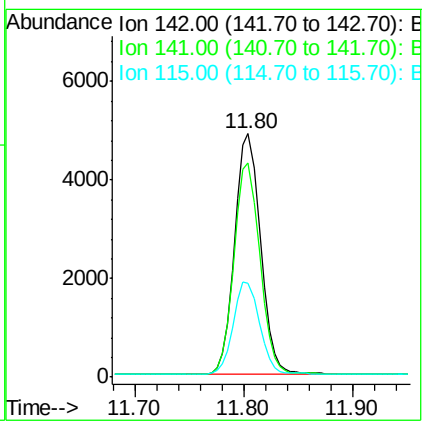


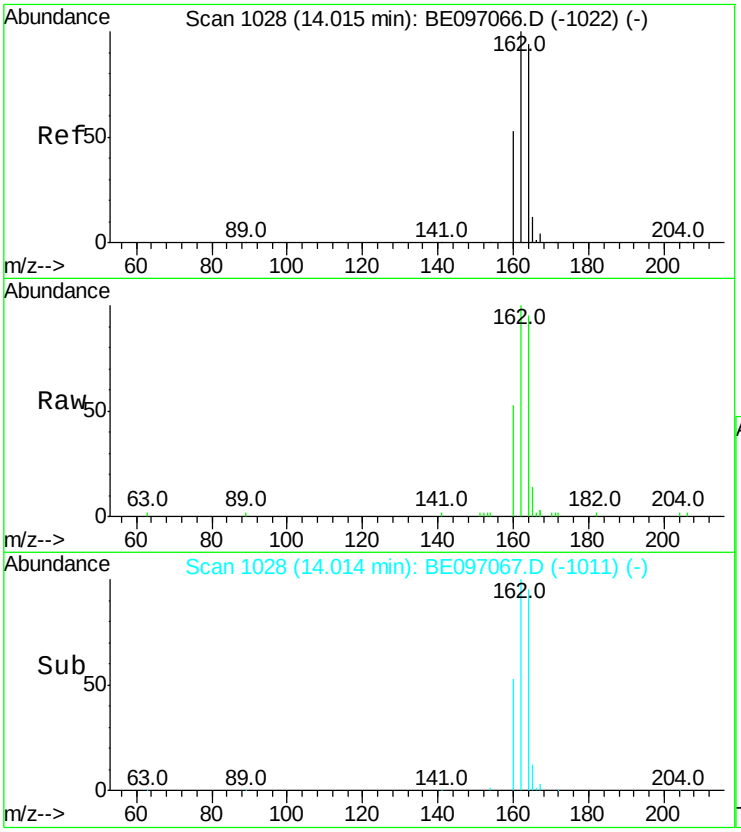


#12
2-Methylnaphthalene
Concen: 0.753 ng
RT: 11.80 min Scan# 777
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:142 Resp: 7858

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.4	105.6
115	38.8	31.7	47.5



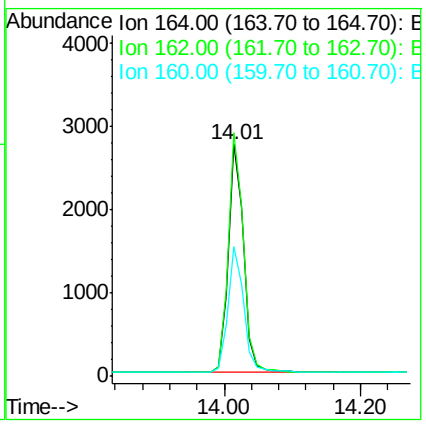


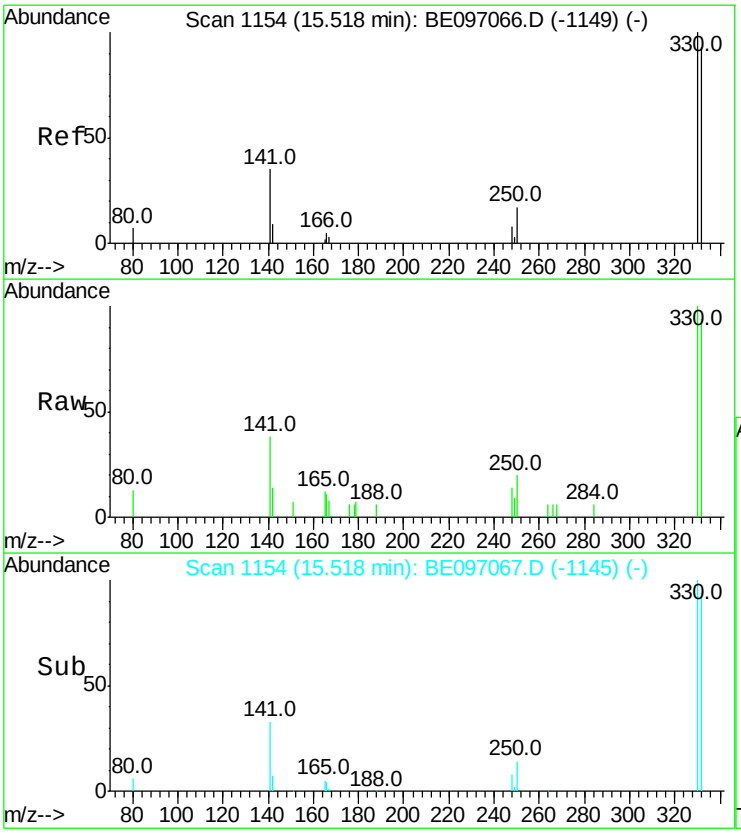
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4350

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.1	124.7
160	56.0	37.1	55.7#

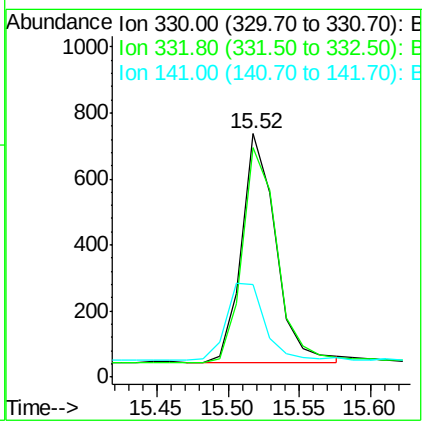


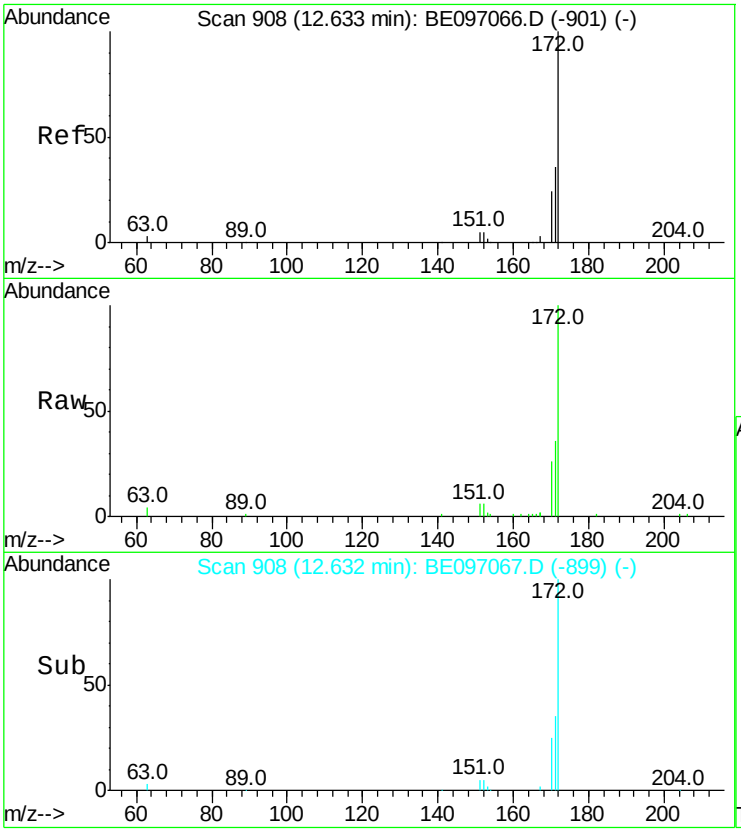


#14
2,4,6-Tribromophenol
Concen: 1.048 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:330 Resp: 1156

Ion	Ratio	Lower	Upper
330	100		
332	96.4	152.7	229.1#
141	38.5	33.7	50.5



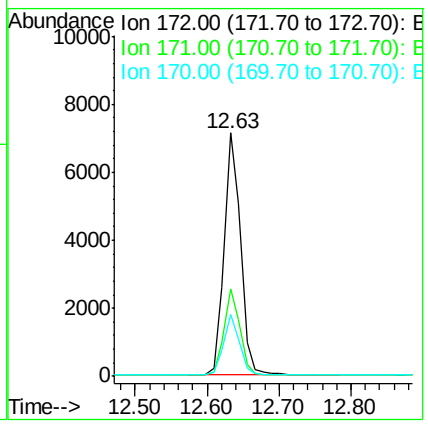


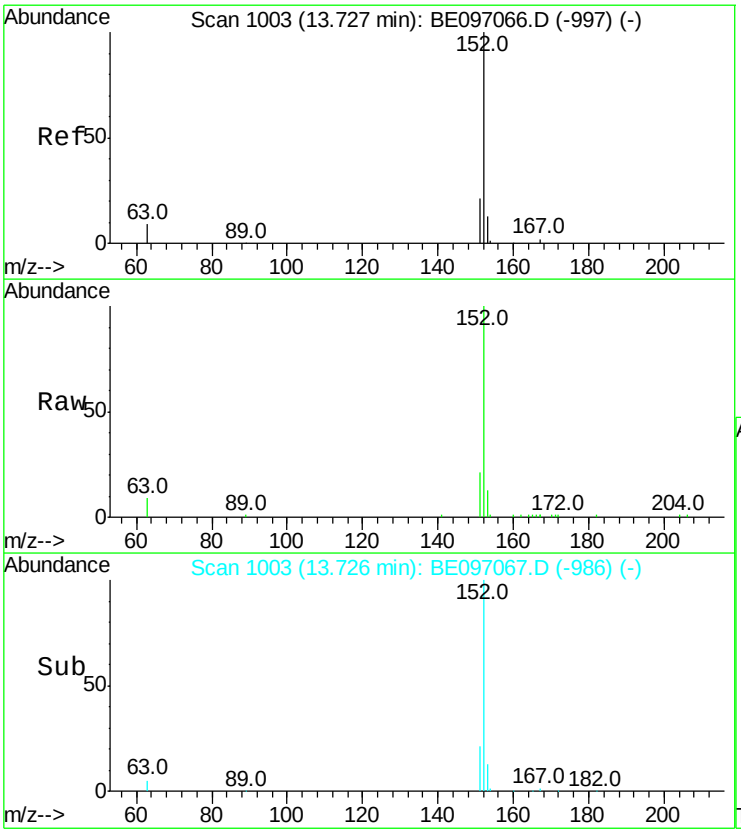
#15
2-Fluorobiphenyl
Concen: 0.696 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 11263

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	25.5	21.8	32.8

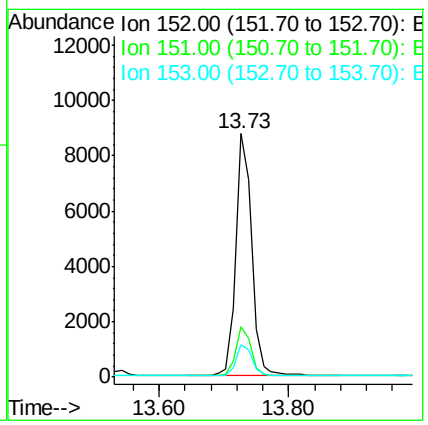


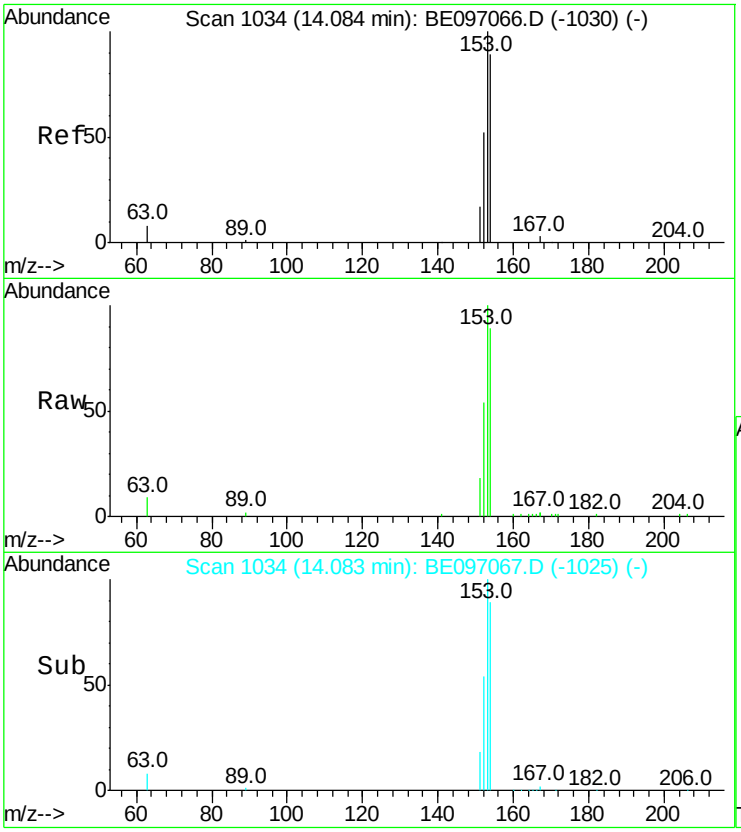


#16
Acenaphthylene
Concen: 0.738 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:152 Resp: 14655

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.9	10.5	15.7



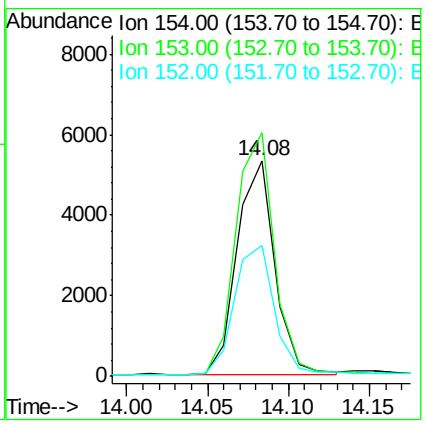


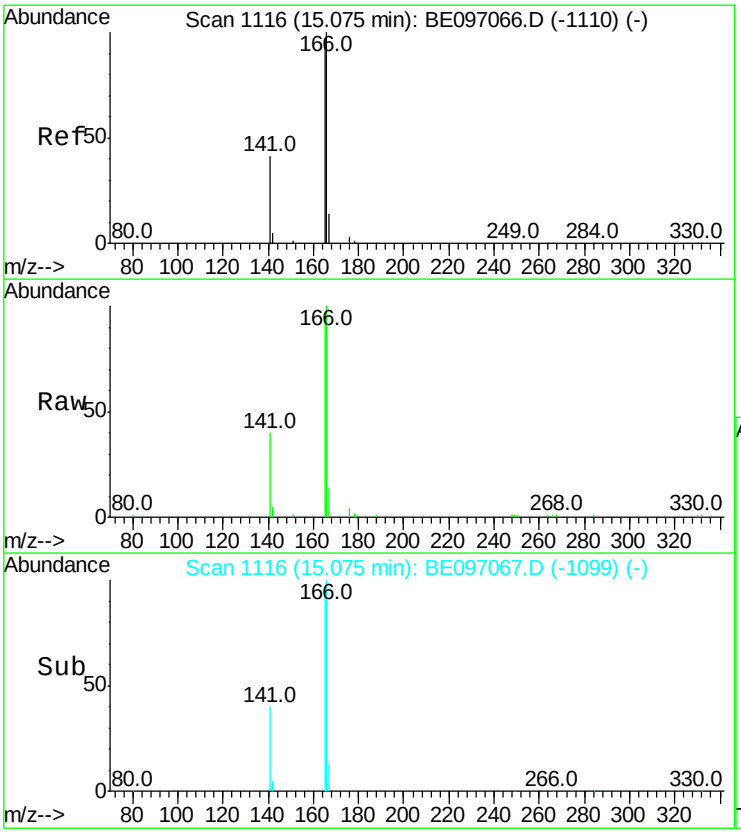
#17
Acenaphthene
Concen: 0.688 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8494

Ion	Ratio	Lower	Upper
154	100		
153	116.0	89.2	133.8
152	64.5	42.0	63.0#

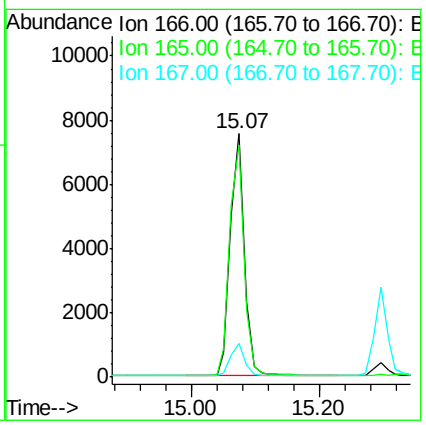


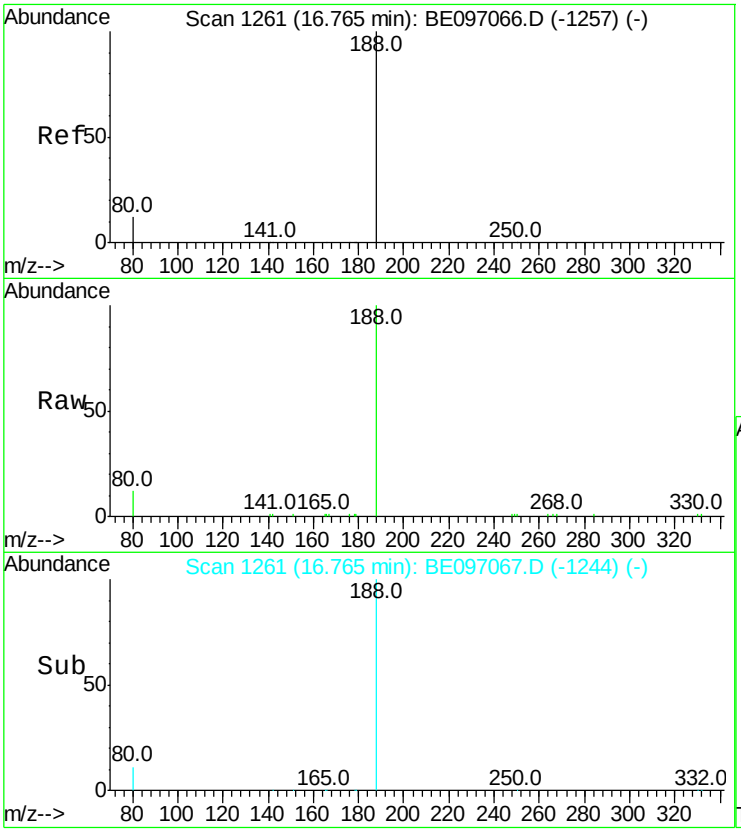


#18
Fluorene
Concen: 0.816 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:166 Resp: 11310

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.4	42.4	63.6#



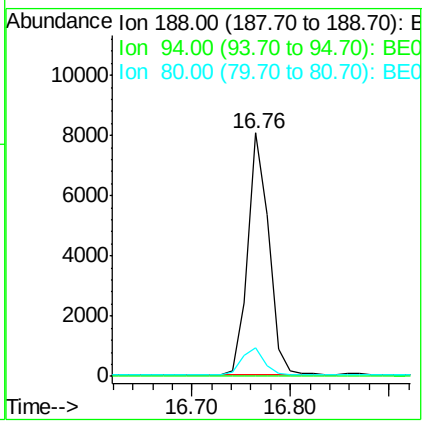


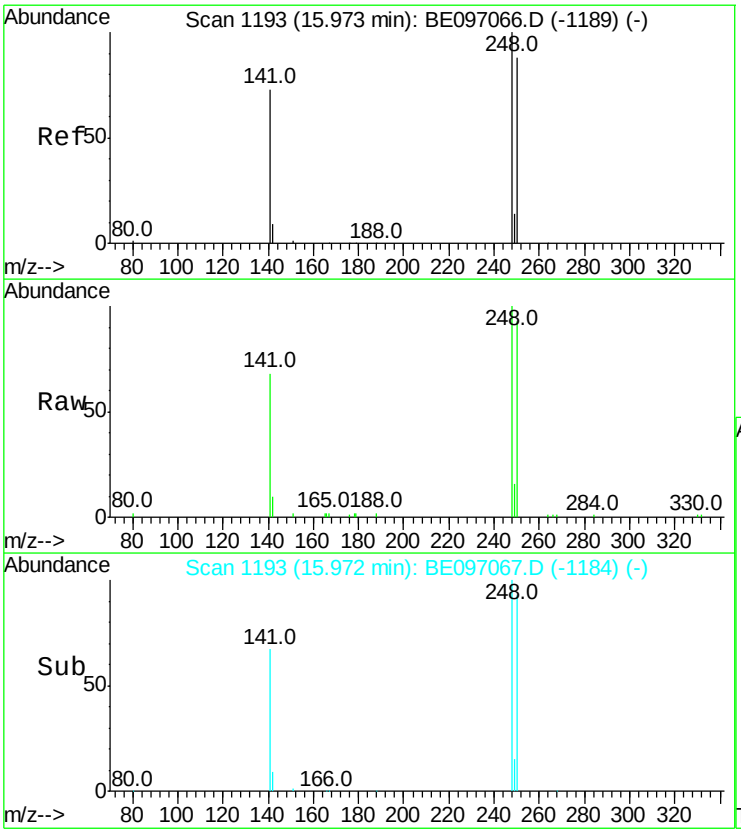
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11911

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.0	3.6	5.4#

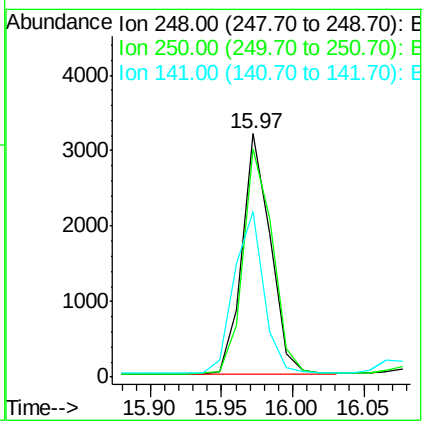


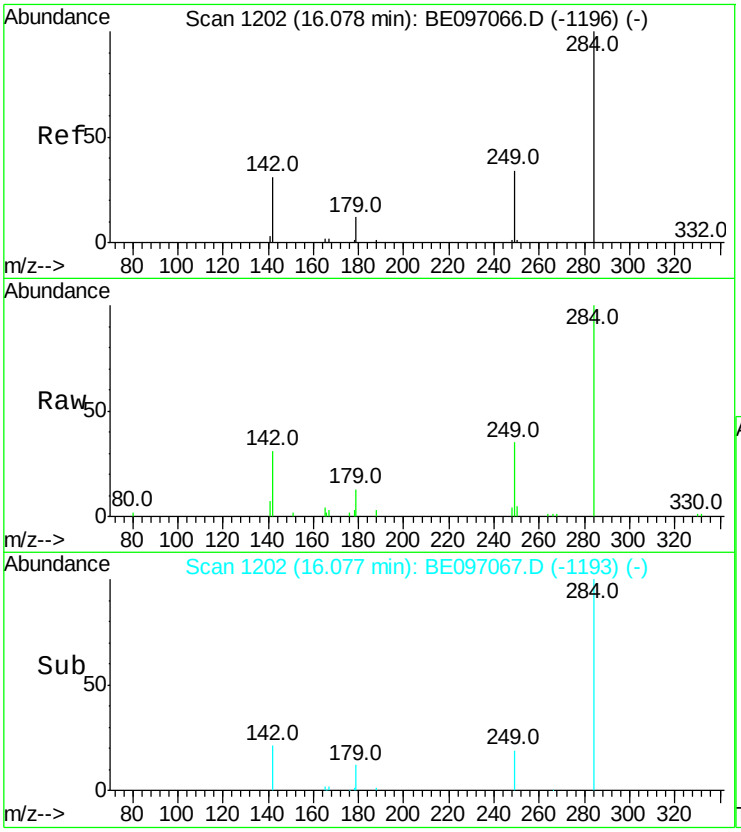


#20
4-Bromophenyl-phenylether
Concen: 0.776 ng
RT: 15.97 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:248 Resp: 4371

Ion	Ratio	Lower	Upper
248	100		
250	93.5	62.7	94.1
141	68.1	48.2	72.2



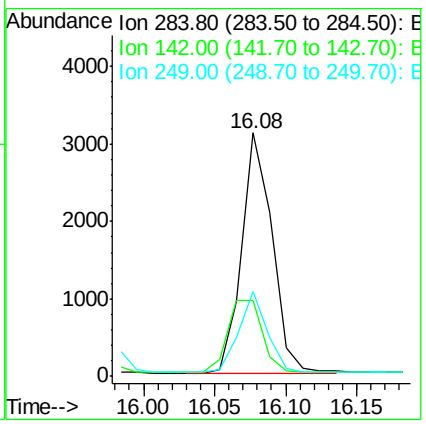


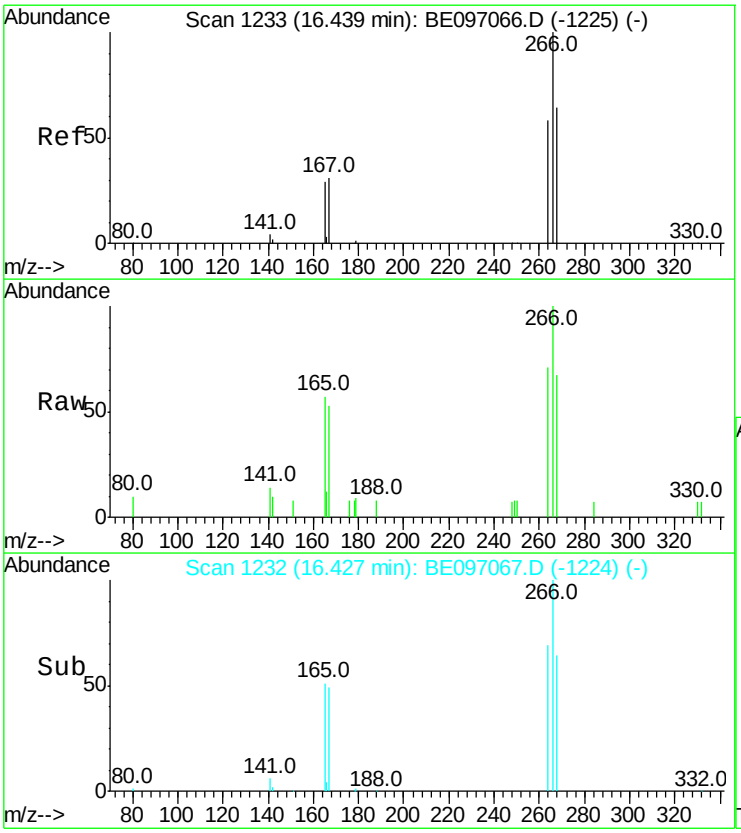
#21
Hexachlorobenzene
Concen: 0.738 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4616

Ion	Ratio	Lower	Upper
284	100		
142	35.0	22.1	33.1#
249	31.6	34.8	52.2#

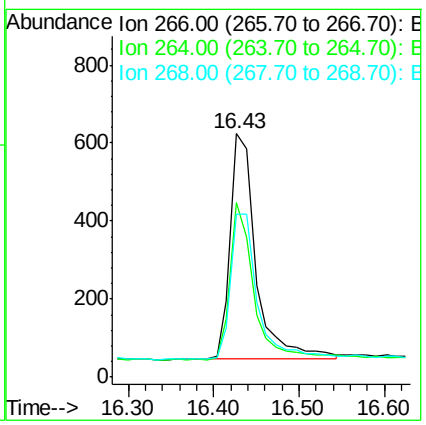


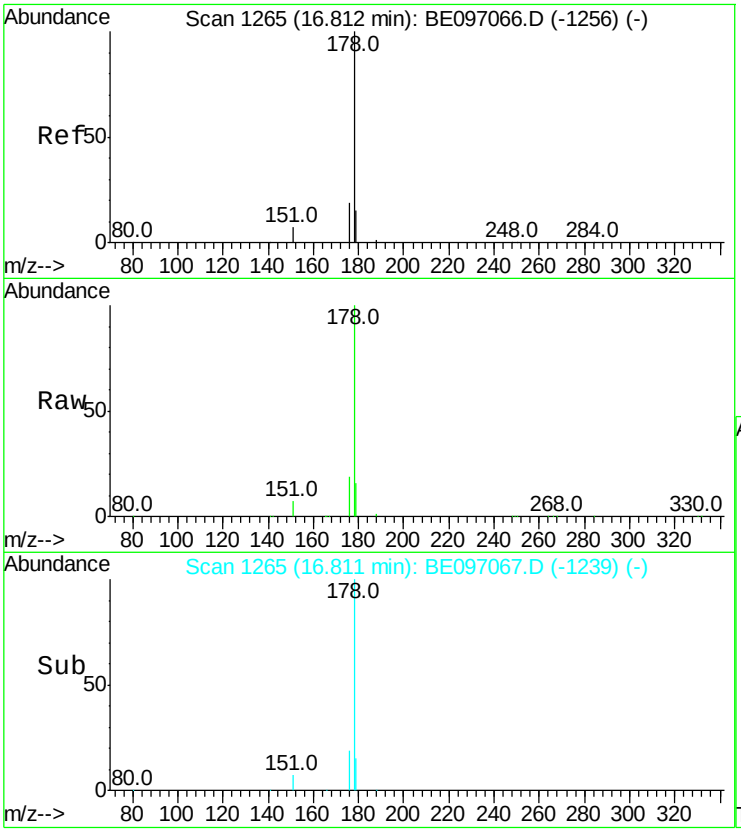


#22
Pentachlorophenol
Concen: 1.185 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:266 Resp: 1216

Ion	Ratio	Lower	Upper
266	100		
264	71.5	72.5	108.7#
268	67.0	73.8	110.6#



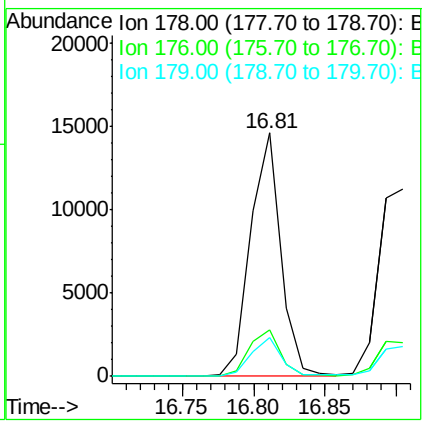


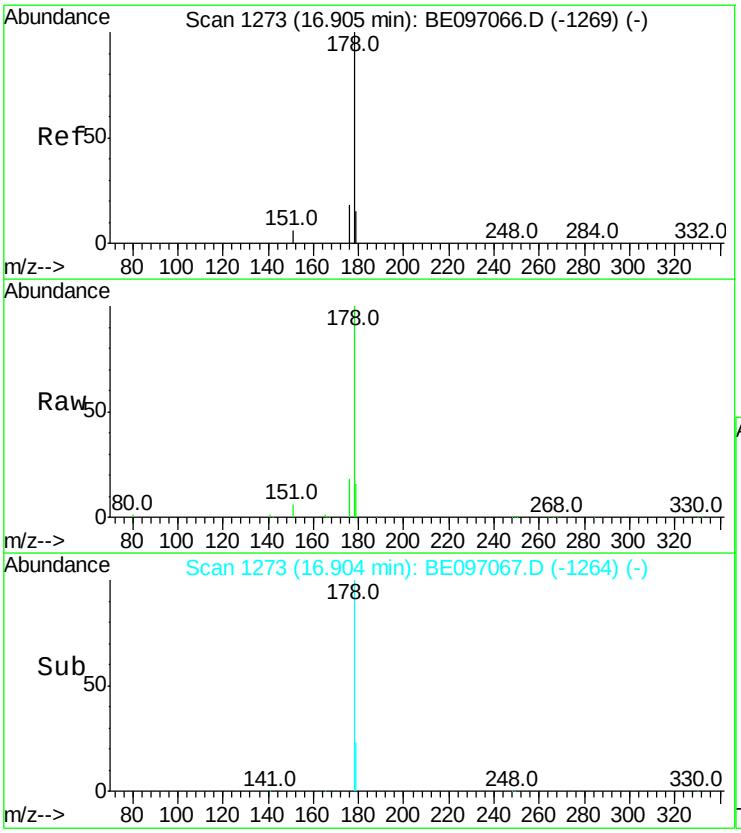
#23
Phenanthrene
Concen: 0.747 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 21300

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.3	11.8	17.6

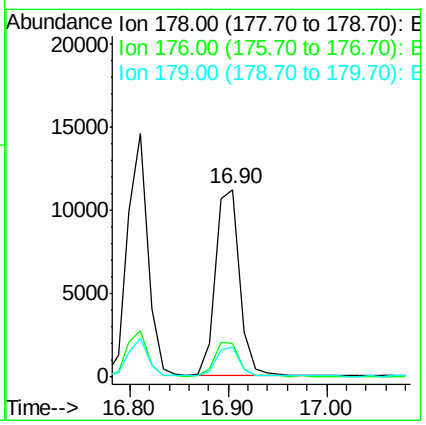


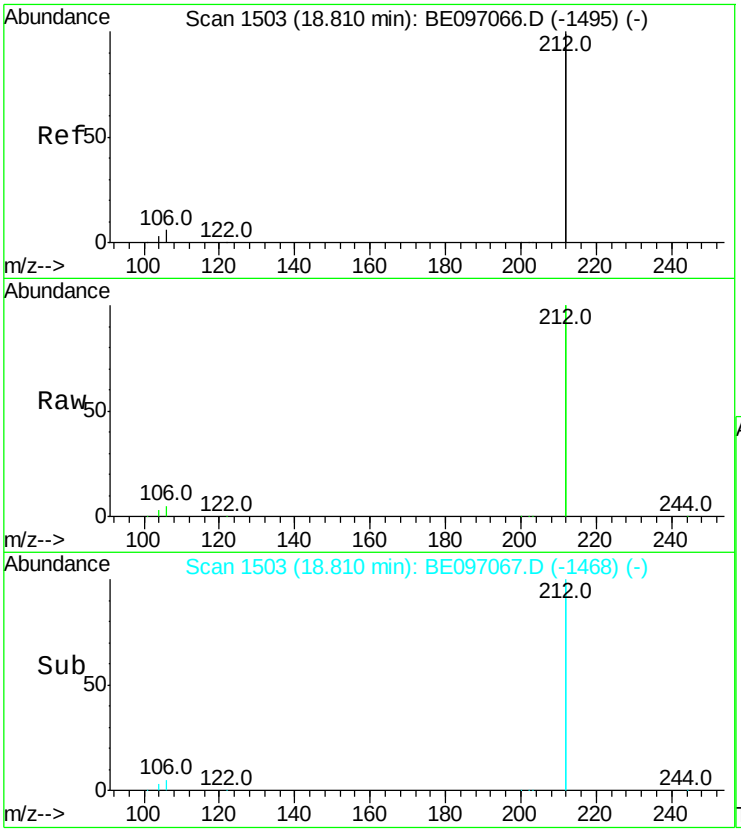


#24
Anthracene
Concen: 0.764 ng
RT: 16.90 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:178 Resp: 18957

Ion	Ratio	Lower	Upper
178	100		
176	18.5	12.8	19.2
179	15.3	13.0	19.6



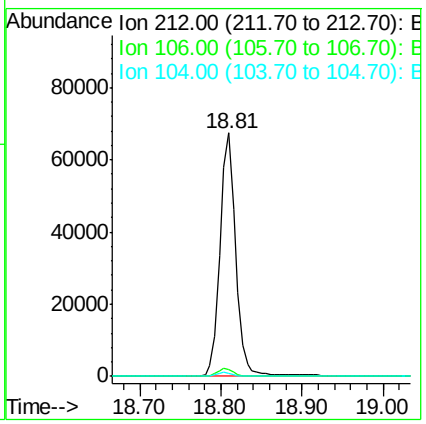


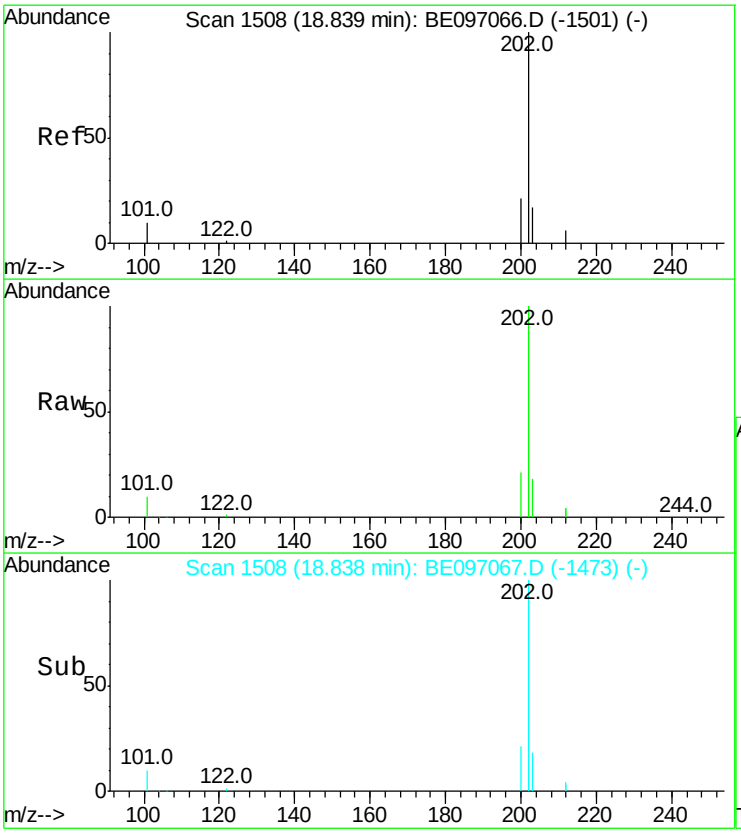
#25
Fluoranthene-d10
Concen: 0.863 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 89428

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

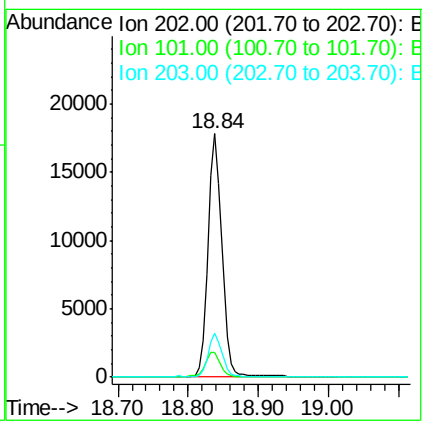


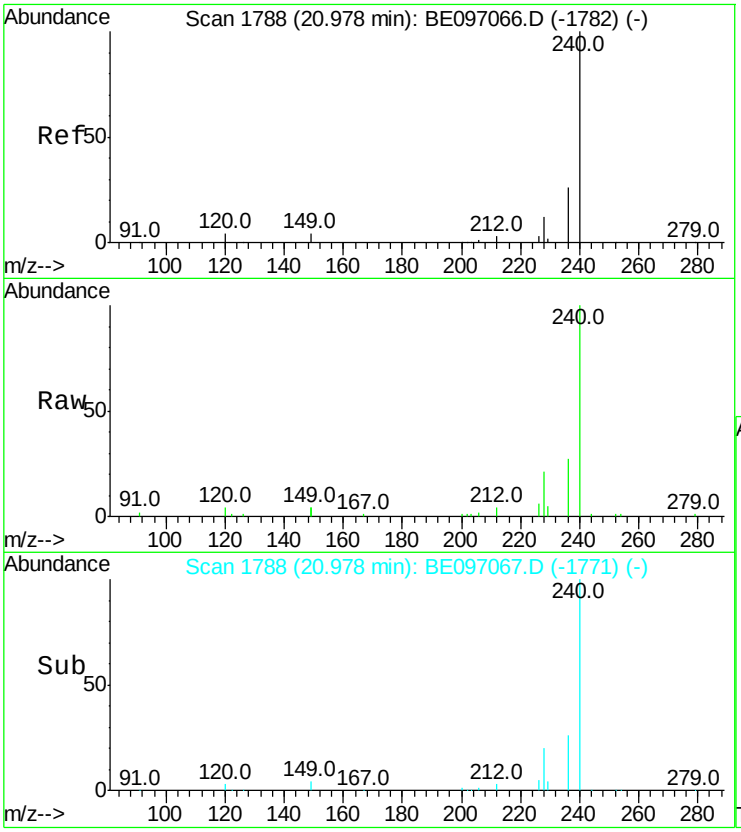


#26
Fluoranthene
Concen: 0.802 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:202 Resp: 24134

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	17.4	13.7	20.5



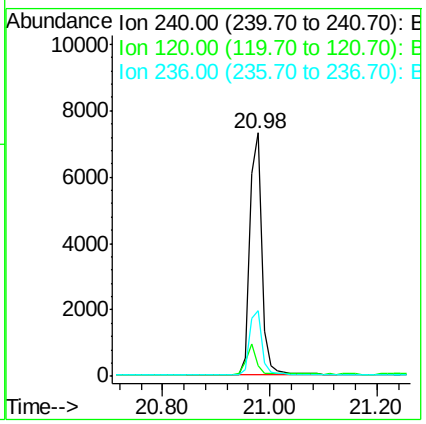


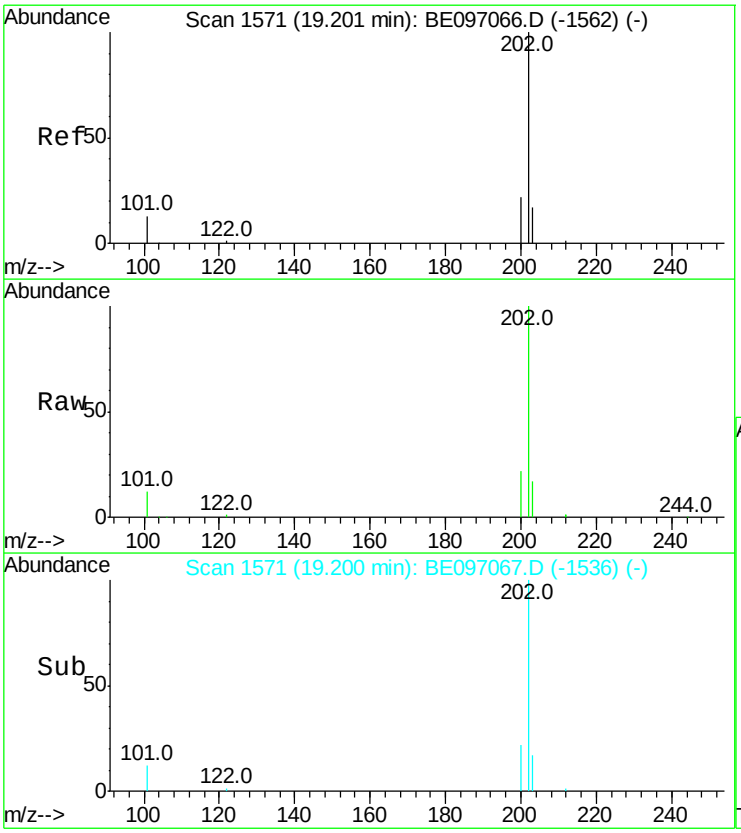
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11566

Ion	Ratio	Lower	Upper
240	100		
120	4.2	5.5	8.3#
236	26.8	20.7	31.1

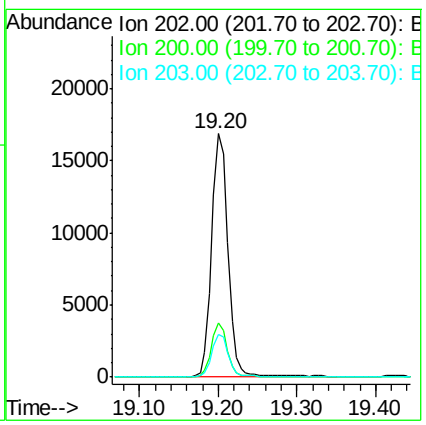


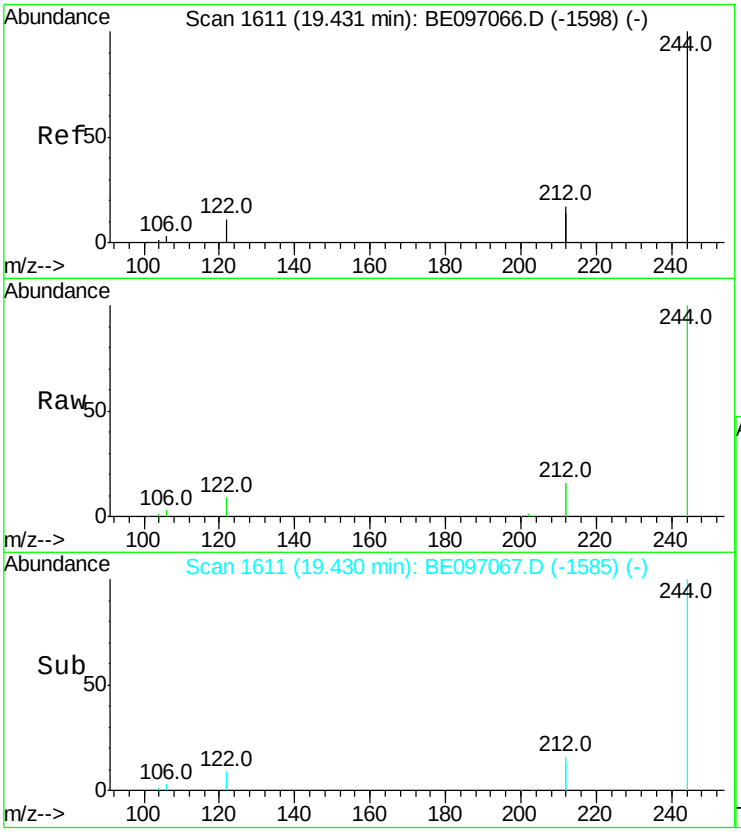


#28
Pyrene
Concen: 0.694 ng
RT: 19.20 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:202 Resp: 23681

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.5	13.8	20.8



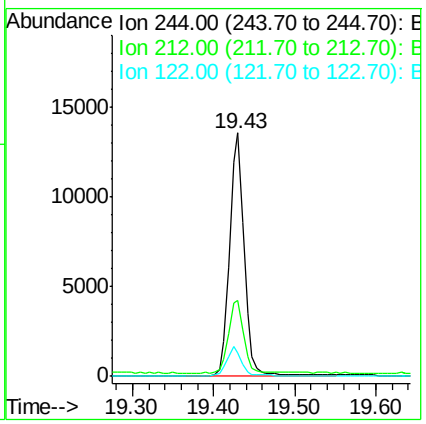


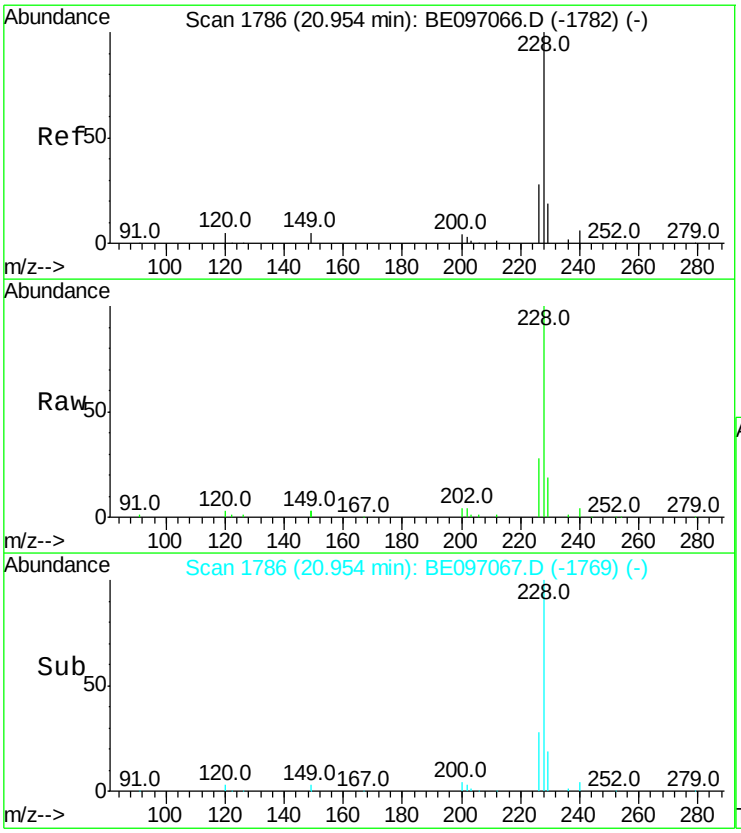
#29
Terphenyl-d14
Concen: 0.746 ng
RT: 19.43 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 16650

Ion	Ratio	Lower	Upper
244	100		
212	31.3	25.4	38.0
122	9.4	8.1	12.1

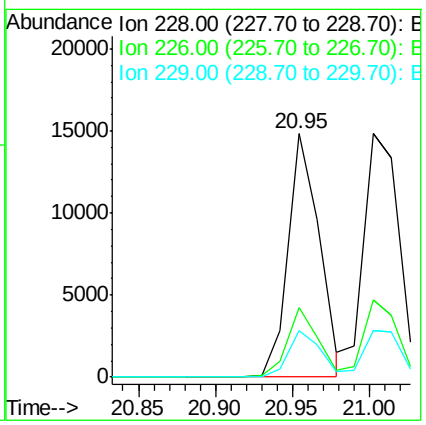


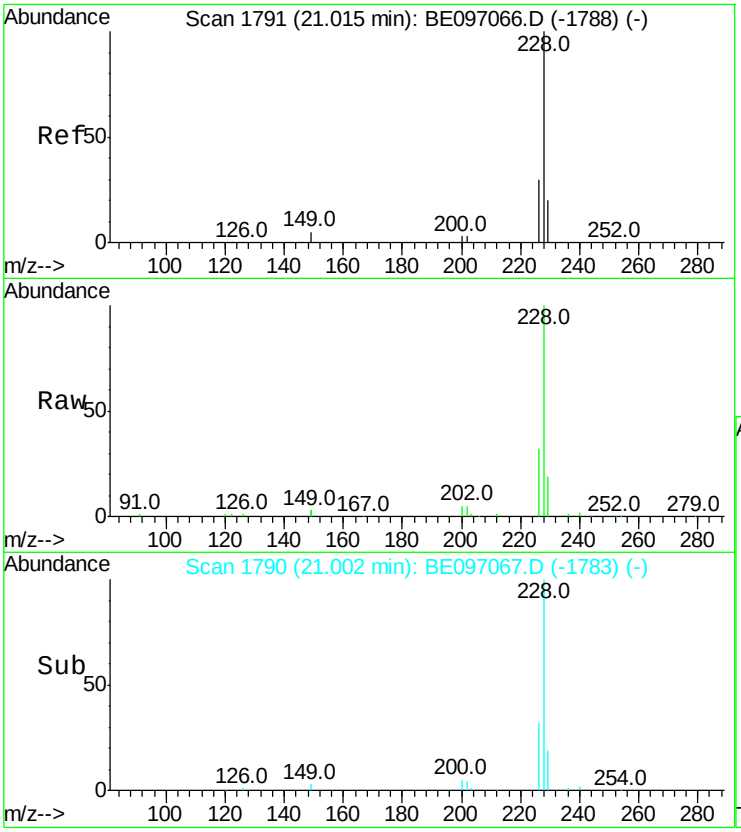


#30
Benzo(a)anthracene
Concen: 0.756 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:228 Resp: 20824

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	19.0	16.0	24.0



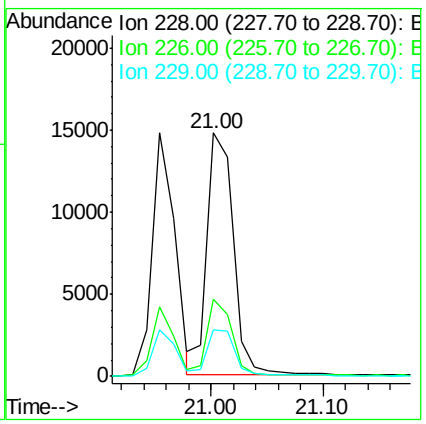


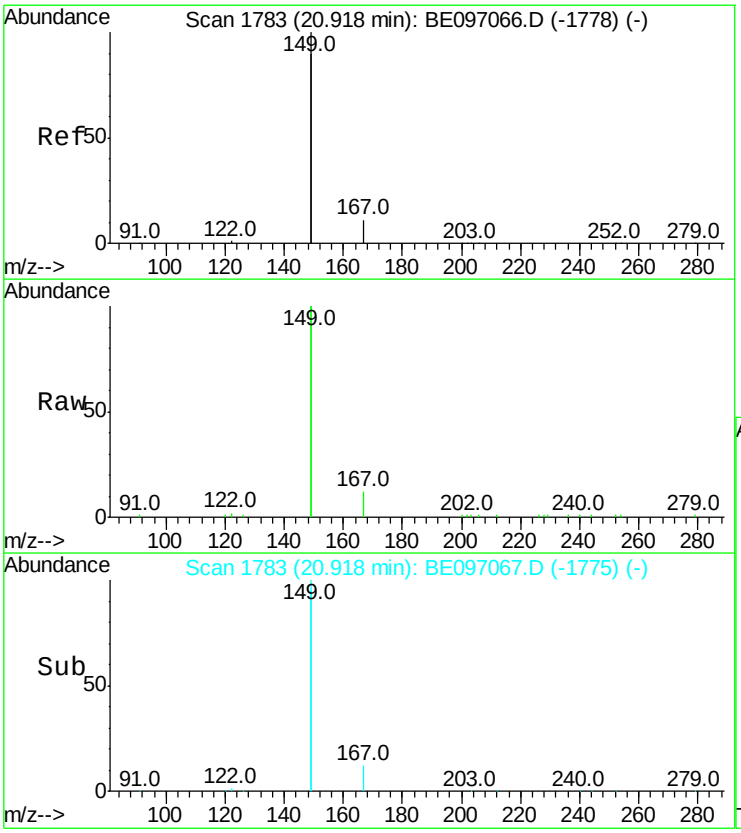
#31
Chrysene
Concen: 0.765 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 23628

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.0	36.0
229	19.0	16.0	24.0

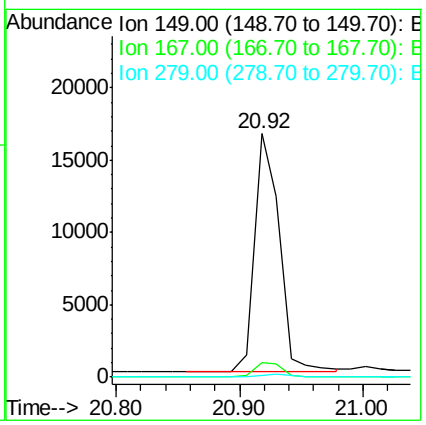


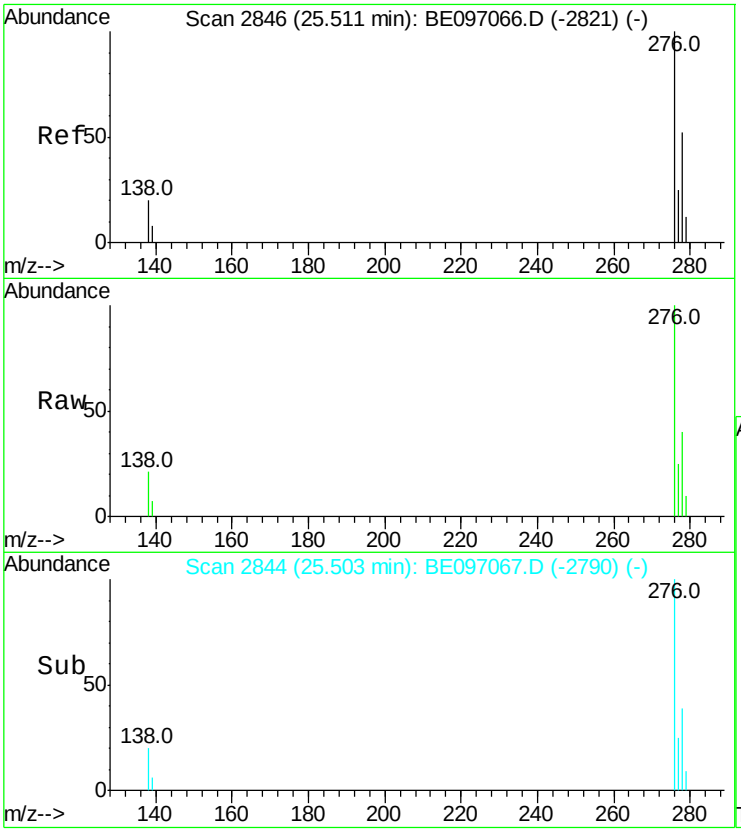


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.833 ng
RT: 20.92 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:149 Resp: 22892

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1



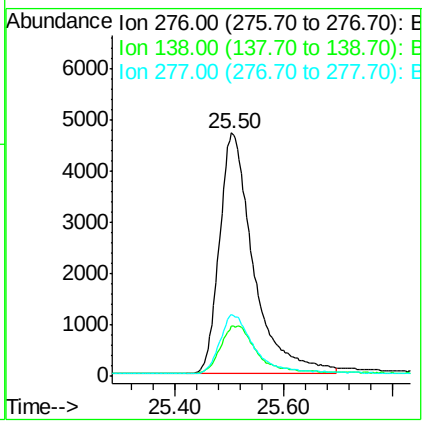


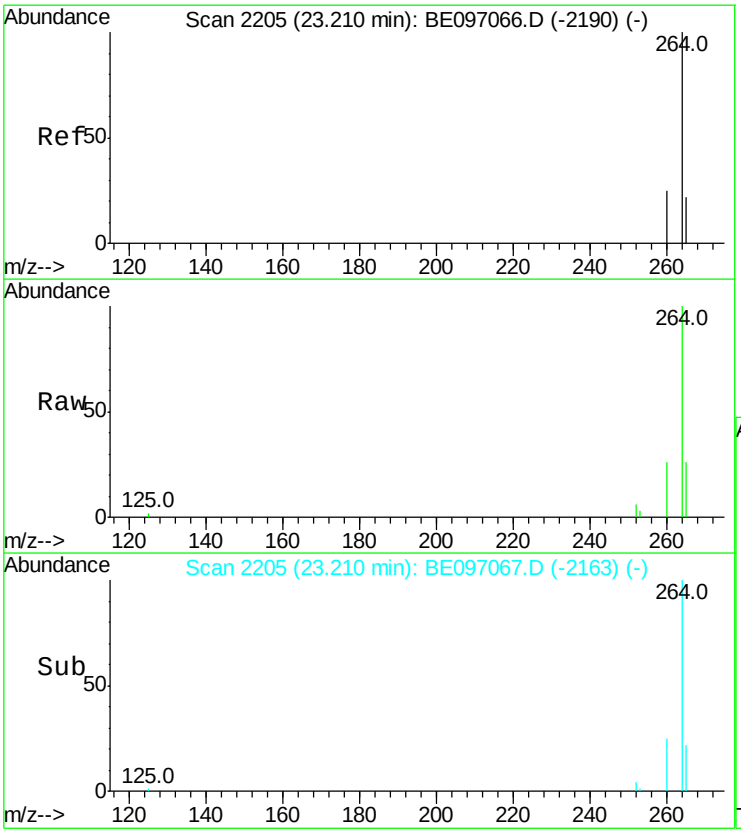
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.914 ng
RT: 25.50 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20563

Ion	Ratio	Lower	Upper
276	100		
138	21.3	22.5	33.7#
277	24.5	19.9	29.9

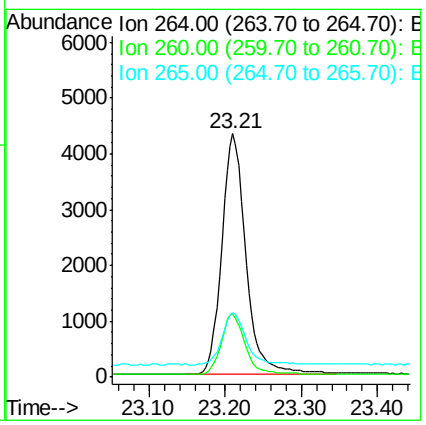


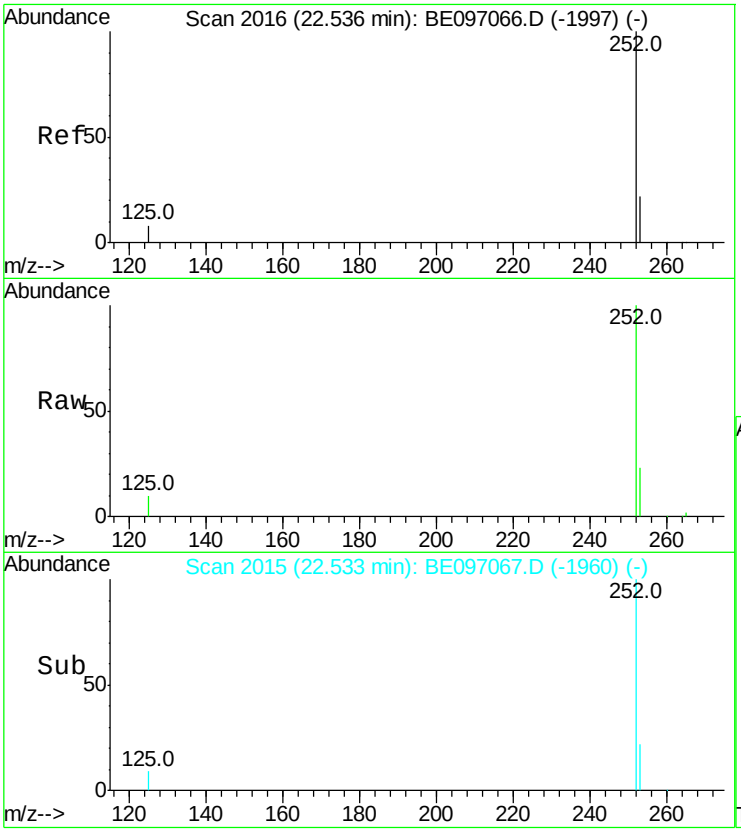


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:264 Resp: 9516

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	26.4	22.8	34.2



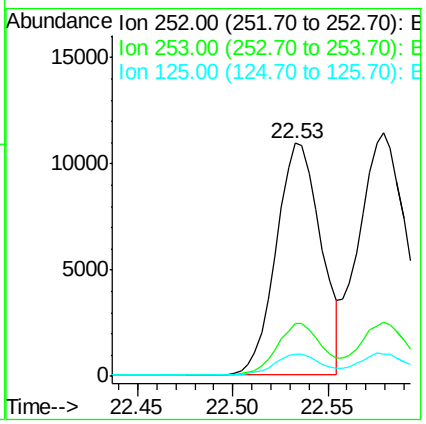


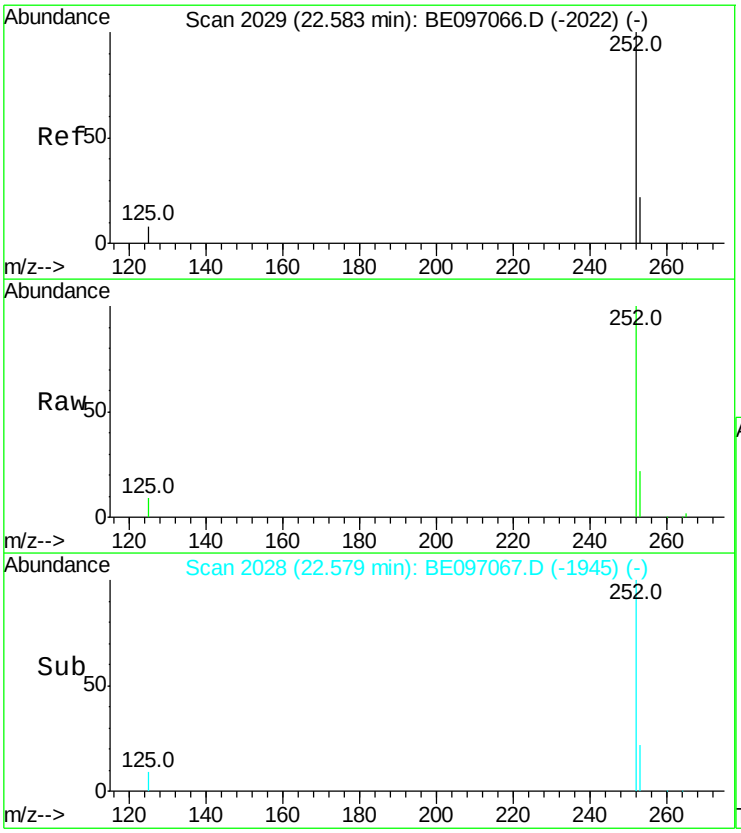
#35
Benzo(b)fluoranthene
Concen: 0.734 ng
RT: 22.53 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17833

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.0	30.0
125	9.7	16.0	24.0#

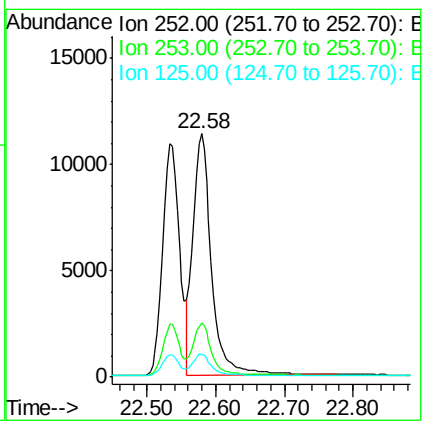


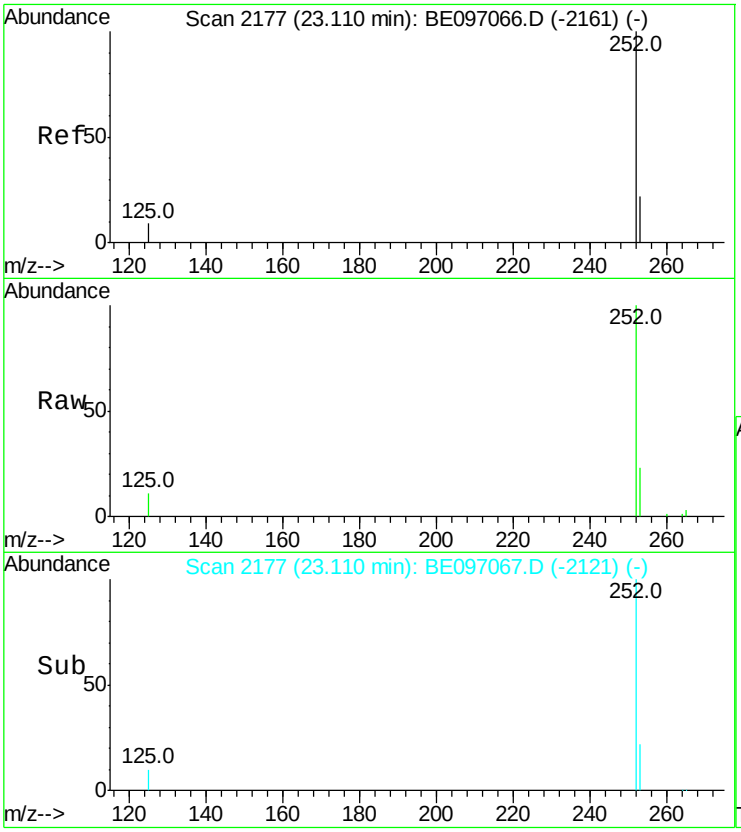


#36
Benzo(k)fluoranthene
Concen: 0.738 ng
RT: 22.58 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:252 Resp: 21320

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.0	24.0
125	9.3	8.0	12.0



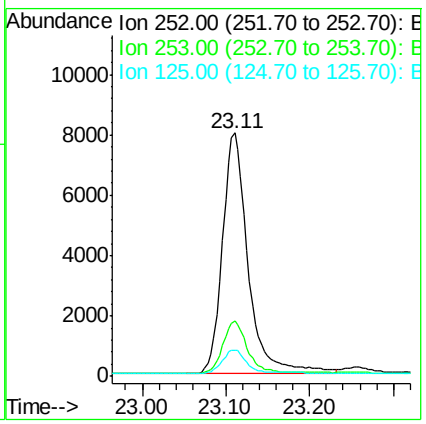


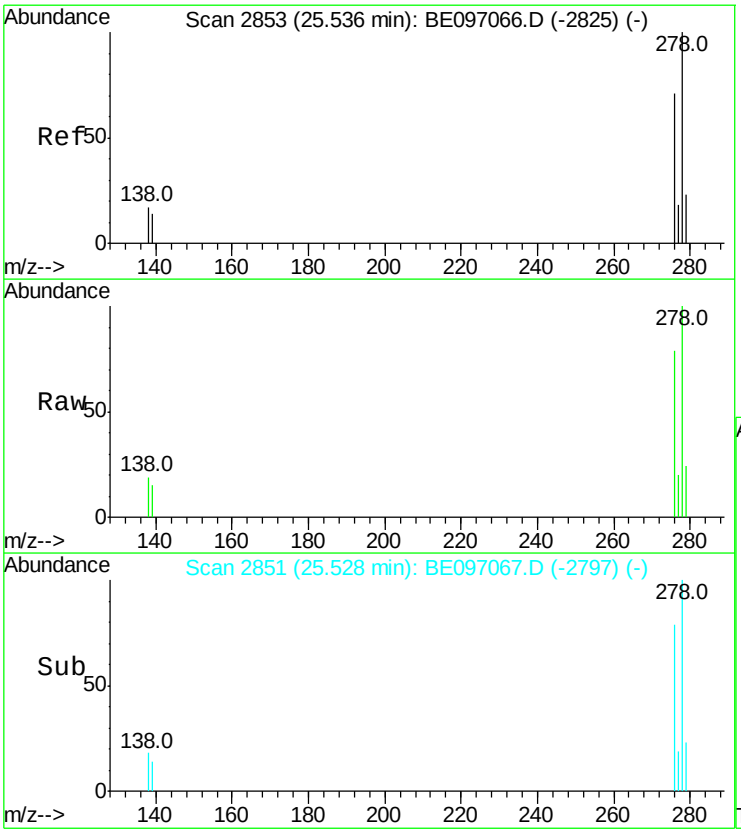
#37
Benzo(a)pyrene
Concen: 0.786 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17077

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.0	24.0
125	10.8	12.0	18.0#

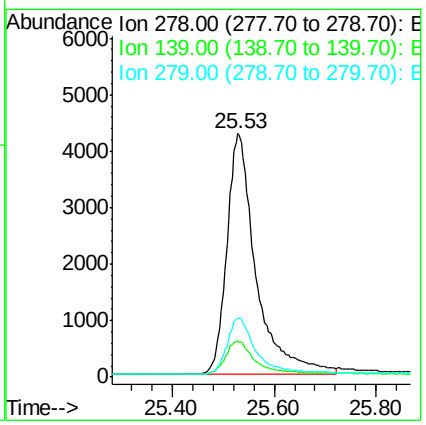


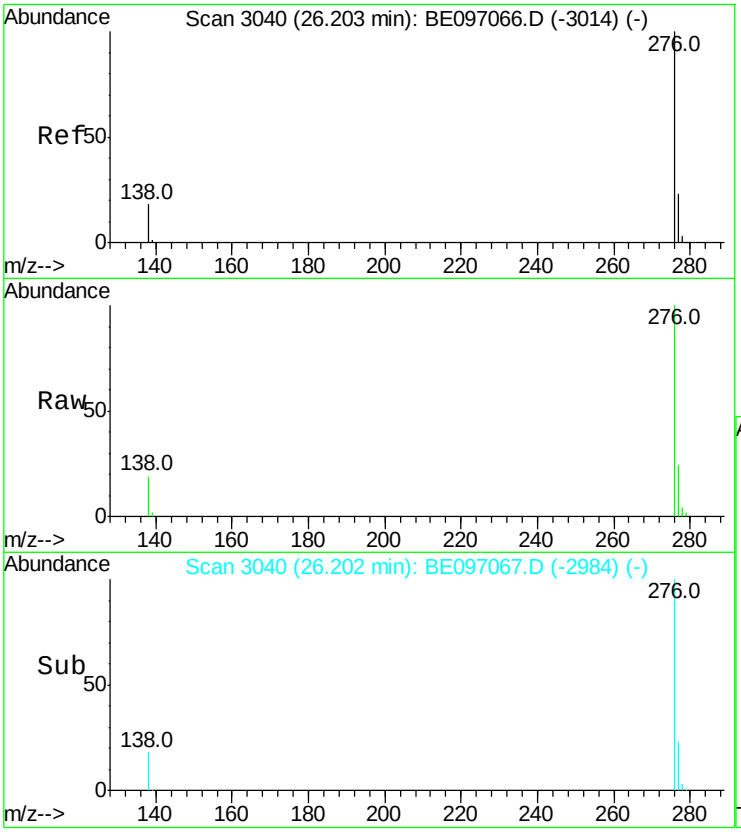


#38
Dibenzo(a,h)anthracene
Concen: 0.958 ng
RT: 25.53 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Tgt Ion:278 Resp: 16991

Ion	Ratio	Lower	Upper
278	100		
139	14.8	16.0	24.0#
279	23.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.909 ng
RT: 26.20 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BE097067.D
Acq: 24 Jul 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 17954

Ion	Ratio	Lower	Upper
276	100		
277	23.6	16.0	24.0
138	19.2	20.0	30.0#