Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097064.D
Acq On : 24 Jul 2018 8:51
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 24 11:09:14 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	1263	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6321	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	4129	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	11620	0.40	ng		0.00
27) Chrysene-d12	20.98	240	10270	0.40	ng		0.00
34) Perylene-d12	23.21	264	9465	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	370	0.12	ng		0.00
5) Phenol-d6	6.60	99	515	0.11	ng		0.00
8) Nitrobenzene-d5	8.53	82	557	0.12	ng		0.01
11) 2-Methylnaphthalene-d10	11.73	152	937	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	121	0.12	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	1411	0.09	ng		0.01
25) Fluoranthene-d10	18.81	212	10590	0.10	ng		0.00
29) Terphenyl-d14	19.43	244	1953	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	233	0.129	ng		98
3) n-Nitrosodimethylamine	3.38	42	195	0.096	ng	#	91
6) bis(2-Chloroethyl)ether	6.84	93	493	0.109	ng		78
9) Naphthalene	10.20	128	5735	0.101	ng	#	97
10) Hexachlorobutadiene	10.48	225	250	0.109	ng		97
12) 2-Methylnaphthalene	11.81	142	941	0.098	ng		97
16) Acenaphthylene	13.74	152	1781	0.094	ng		99
17) Acenaphthene	14.08	154	1019	0.087	ng	#	92
18) Fluorene	15.08	166	1341	0.102	ng	#	78
20) 4-Bromophenyl-phenylether	15.97	248	520	0.095	ng	#	72
21) Hexachlorobenzene	16.08	284	570	0.093	ng	#	84
22) Pentachlorophenol	16.44	266	145	0.145	ng		84
23) Phenanthrene	16.81	178	2678	0.096	ng		97
24) Anthracene	16.91	178	2205	0.091	ng		95
26) Fluoranthene	18.84	202	2743	0.093	ng		98
28) Pyrene	19.21	202	2851	0.094	ng		99
30) Benzo(a)anthracene	20.95	228	2550	0.104	ng		99
31) Chrysene	21.02	228	2625	0.096	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	3649	0.149	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	2385	0.119	ng	#	91
35) Benzo(b)fluoranthene	22.54	252	2189	0.091	ng	#	93
36) Benzo(k)fluoranthene	22.58	252	2436	0.085	ng	#	84
37) Benzo(a)pyrene	23.11	252	2019	0.093	ng	#	84
38) Dibenzo(a,h)anthracene	25.54	278	1870	0.106	ng	#	89
39) Benzo(g,h,i)perylene	26.21	276	2131	0.108	ng	#	88

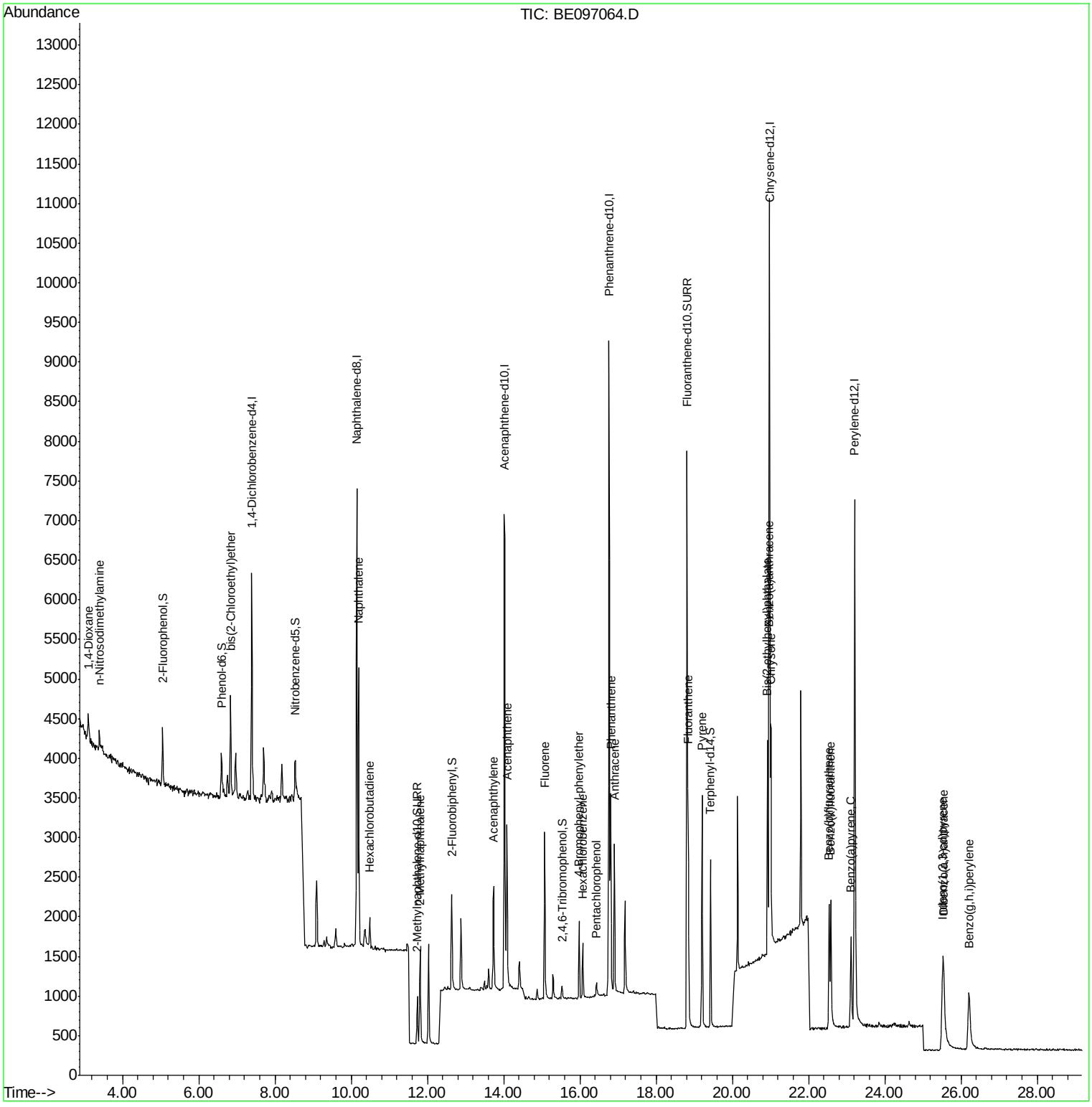
(#) = qualifier out of range (m) = manual integration (+) = signals summed

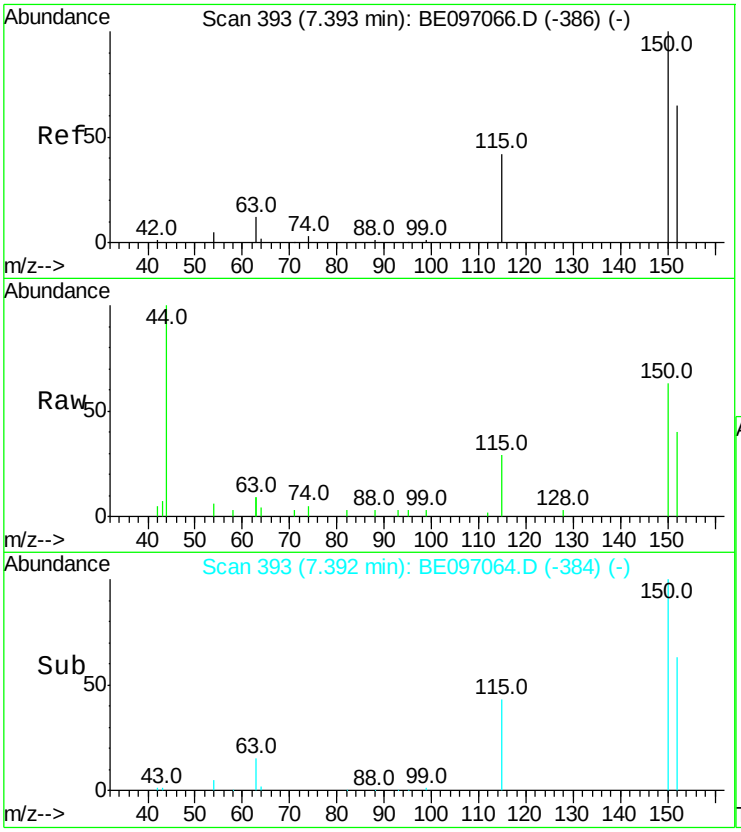
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097064.D
Acq On : 24 Jul 2018 8:51
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 24 11:09:14 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



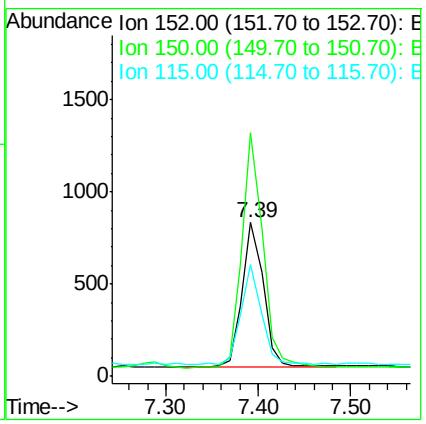


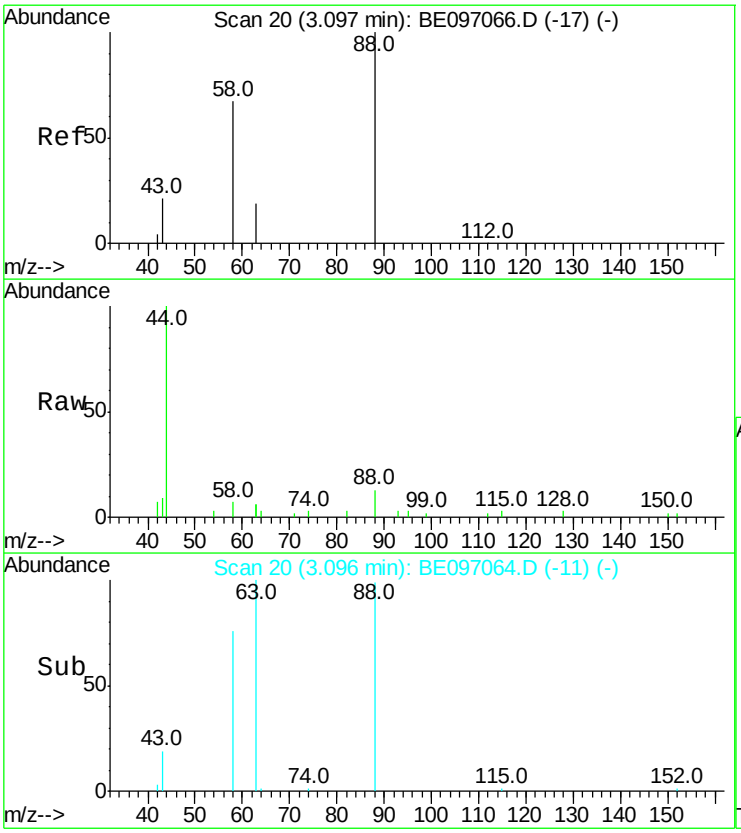
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1263

Ion	Ratio	Lower	Upper
152	100		
150	158.2	117.2	175.8
115	72.3	57.0	85.6

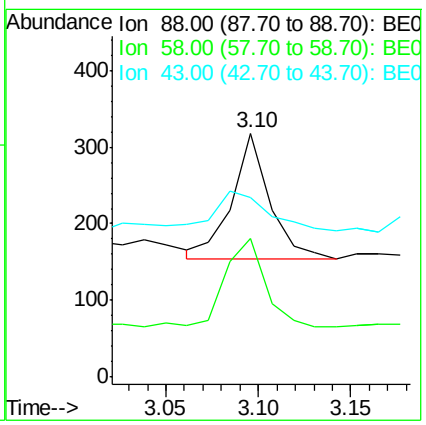


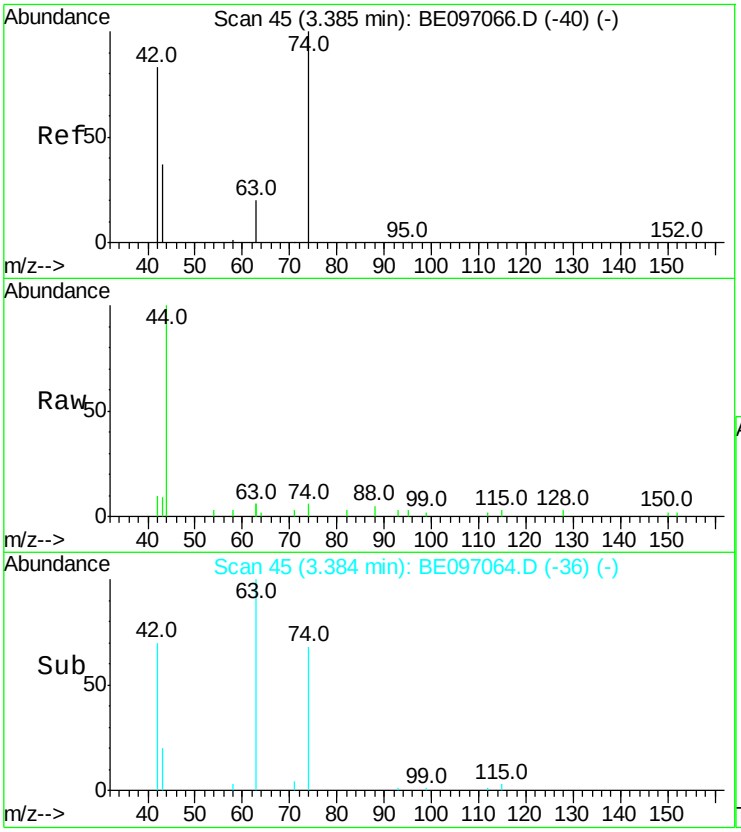


#2
1,4-Dioxane
Concen: 0.129 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion: 88 Resp: 233

Ion	Ratio	Lower	Upper
88	100		
58	75.5	63.2	94.8
43	51.5	41.2	61.8



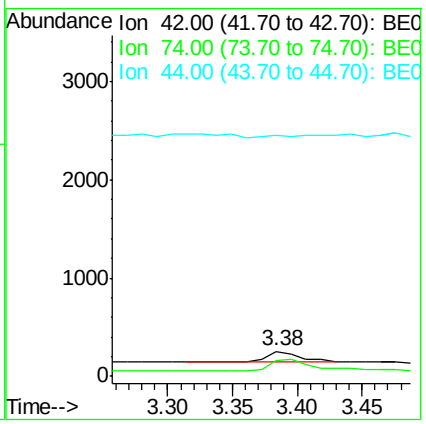


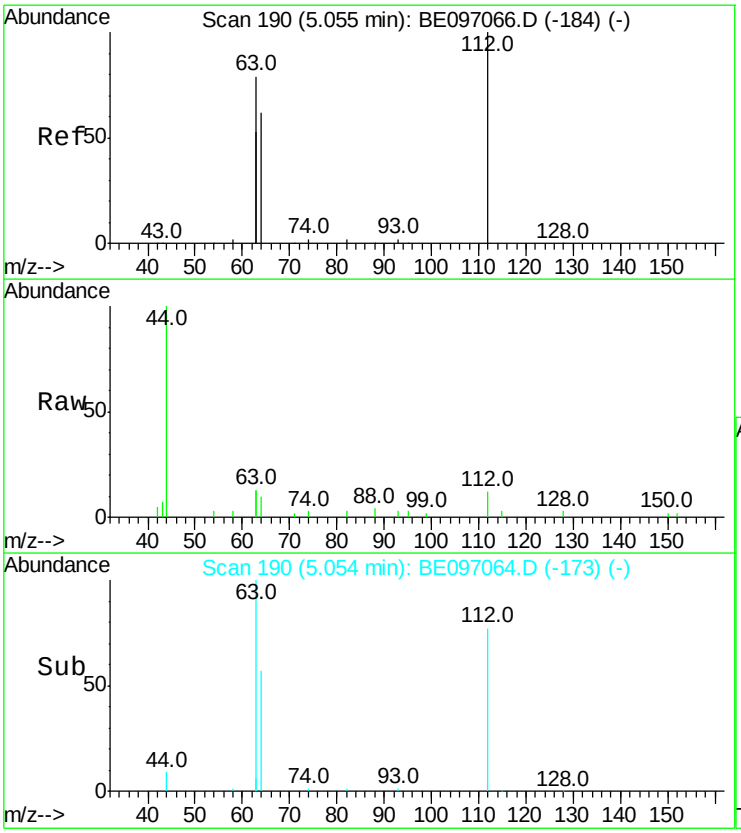
#3
n-Nitrosodimethylamine
Concen: 0.096 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 195

Ion	Ratio	Lower	Upper
42	100		
74	130.3	96.0	144.0
44	18.5	12.0	18.0#

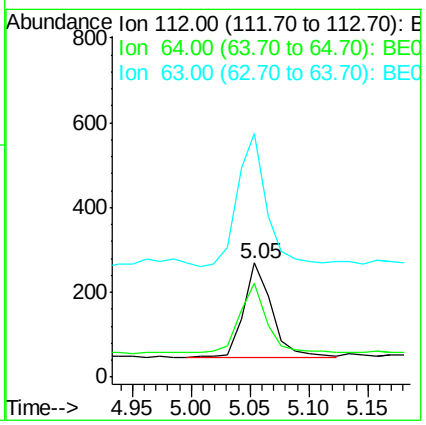


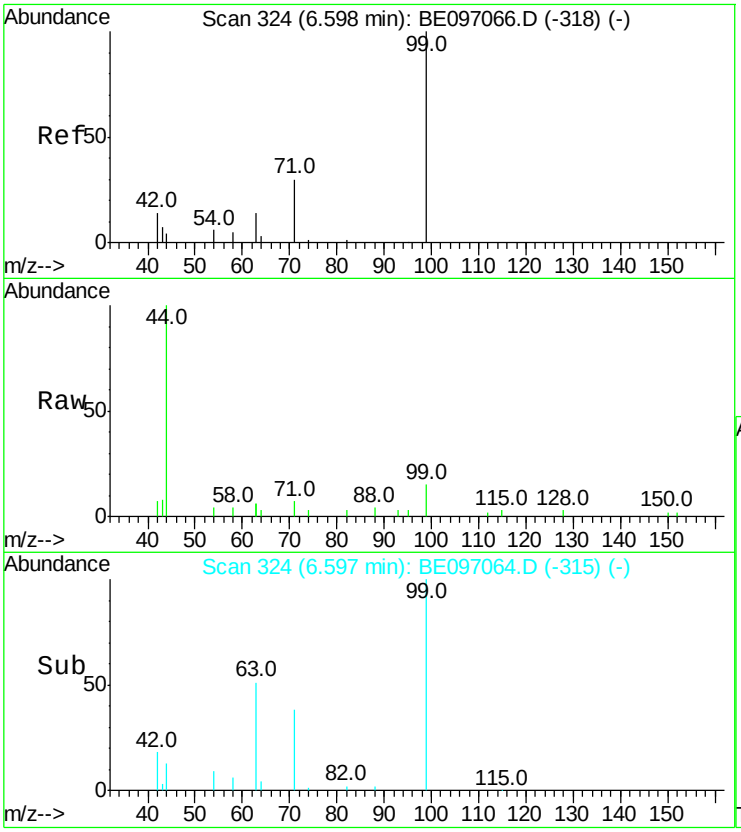


#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:112 Resp: 370

Ion	Ratio	Lower	Upper
112	100		
64	77.8	60.1	90.1
63	149.5	116.8	175.2



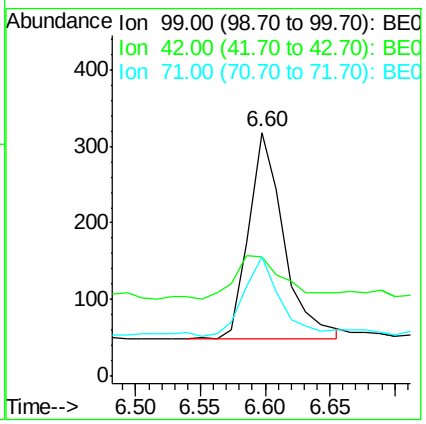


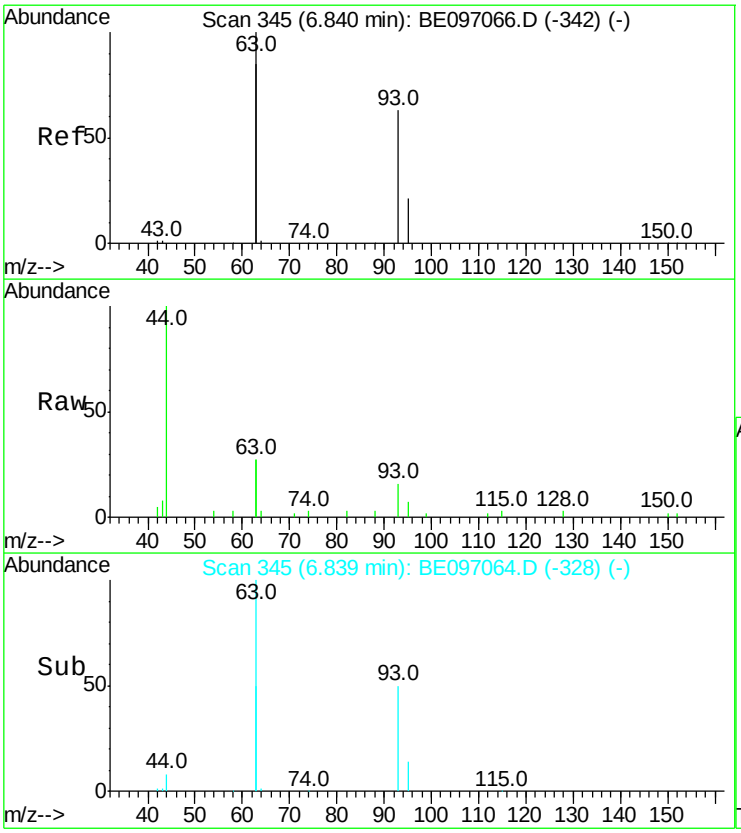
#5
Phenol-d6
Concen: 0.112 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 515

Ion	Ratio	Lower	Upper
99	100		
42	28.3	20.2	30.2
71	38.8	28.4	42.6

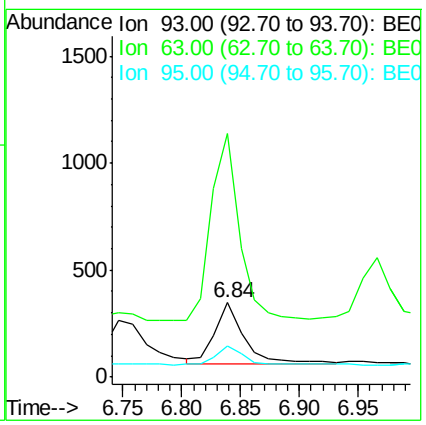


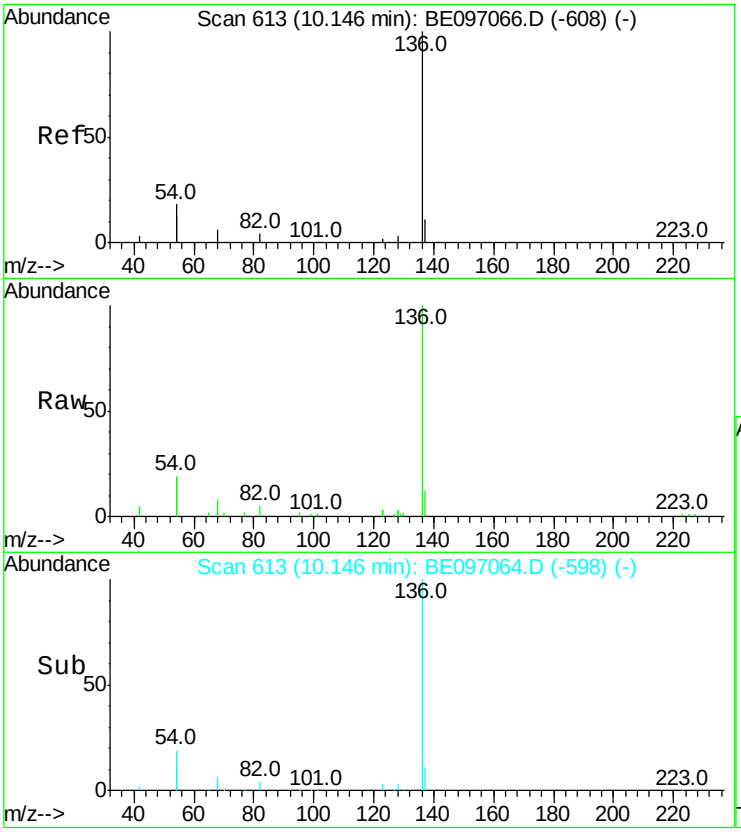


#6
bis(2-Chloroethyl)ether
Concen: 0.109 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion: 93 Resp: 493

Ion	Ratio	Lower	Upper
93	100		
63	292.7	275.3	412.9
95	33.3	25.2	37.8



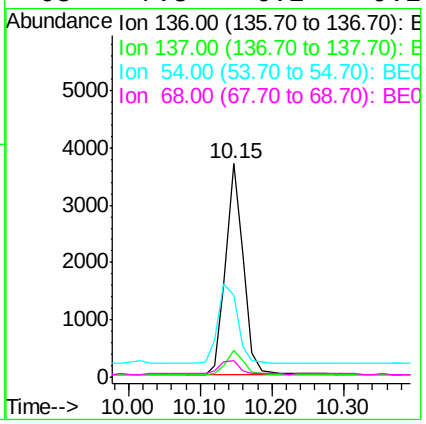


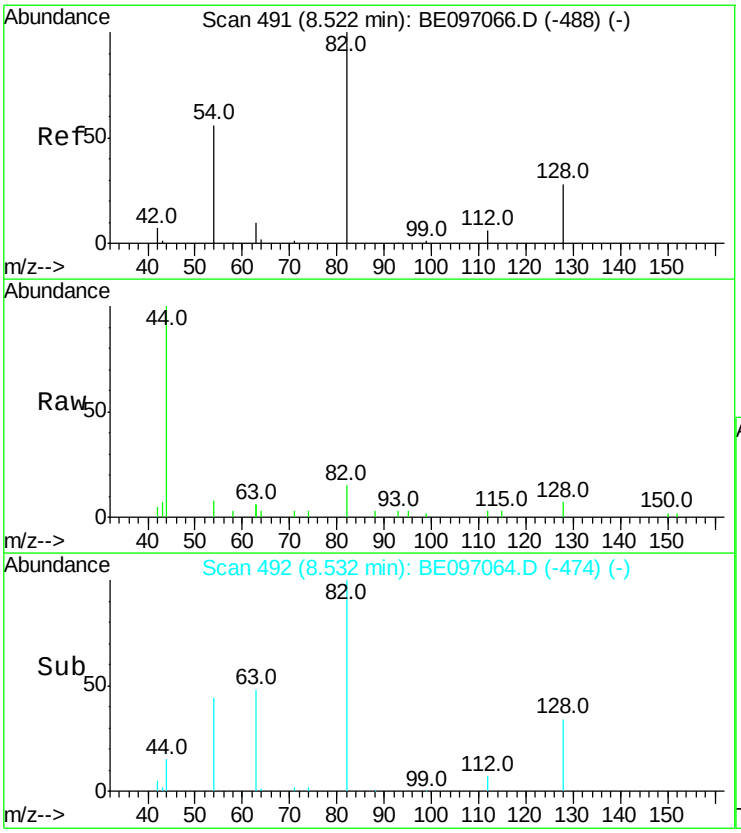
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6321

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	38.1	29.1	43.7
68	7.8	6.2	9.2

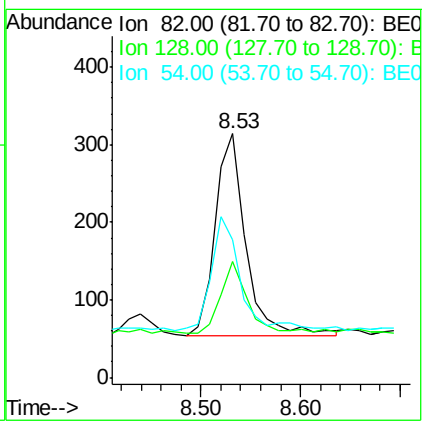


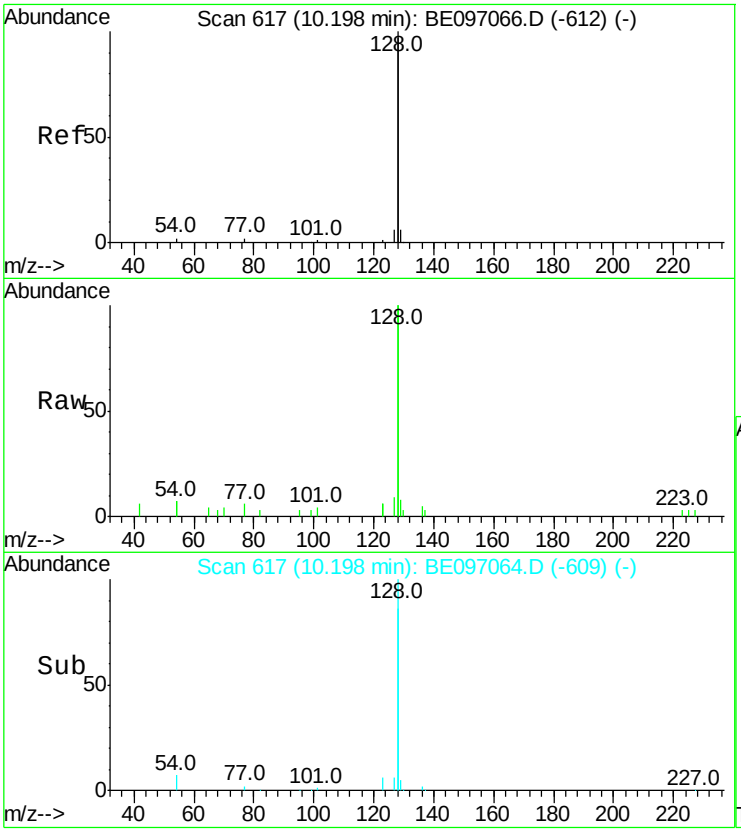


#8
Nitrobenzene-d5
Concen: 0.121 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion: 82 Resp: 557

Ion	Ratio	Lower	Upper
82	100		
128	47.5	24.0	36.0#
54	56.4	40.0	60.0



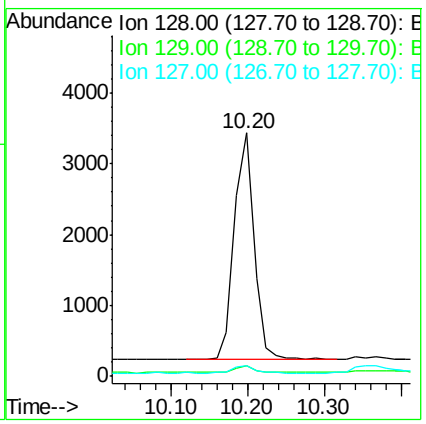


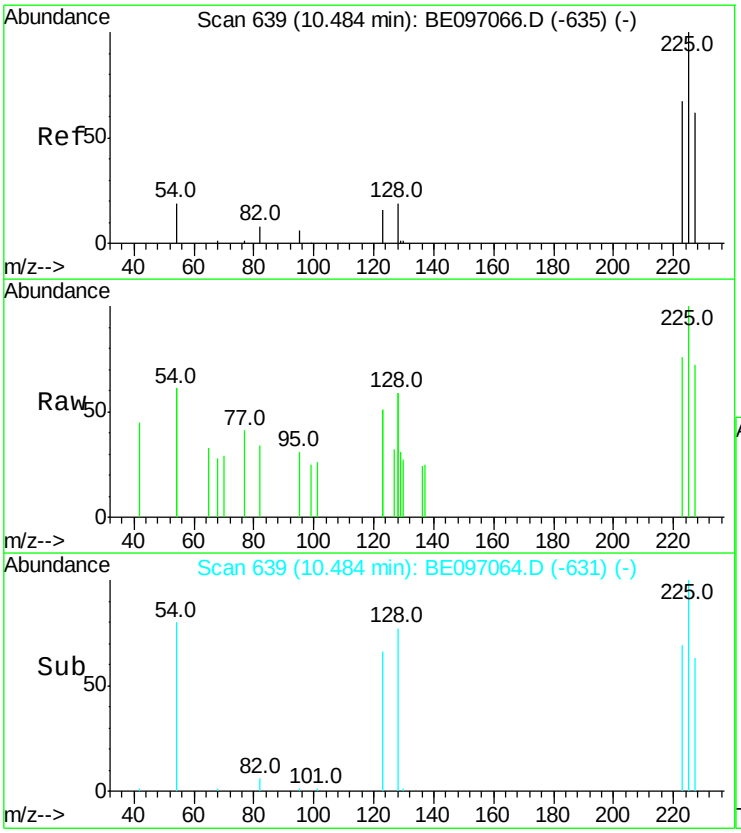
#9
Naphthalene
Concen: 0.101 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 5735

Ion	Ratio	Lower	Upper
128	100		
129	4.2	2.6	3.8#
127	4.4	2.8	4.2#

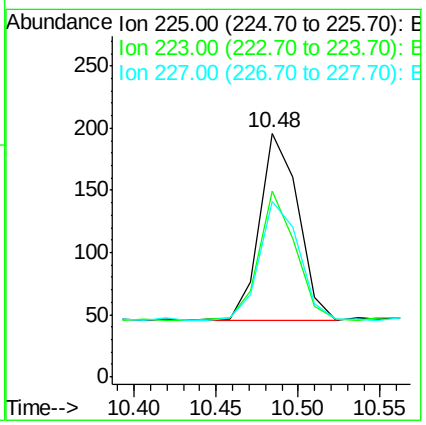


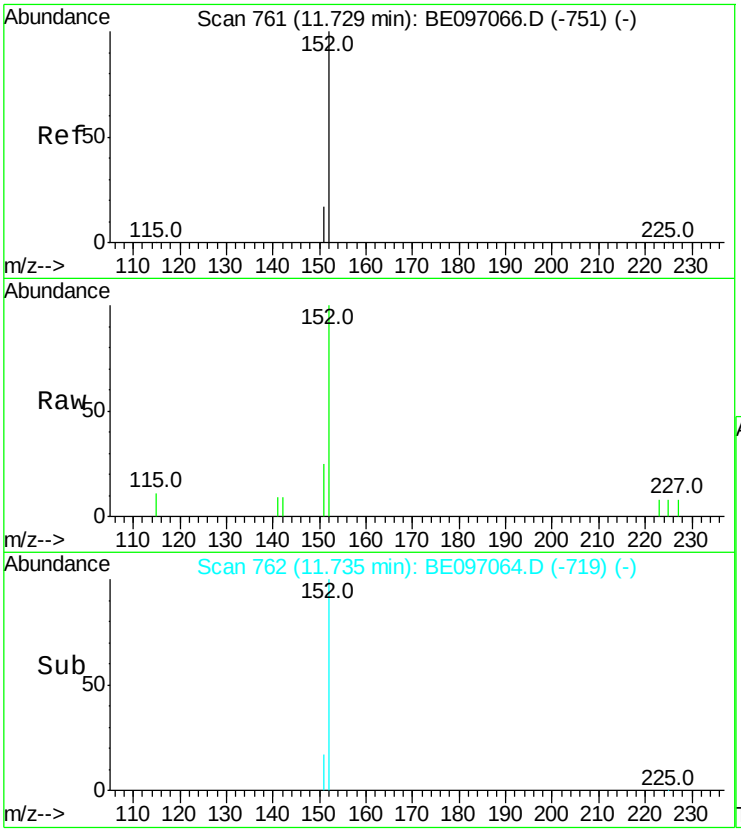


#10
Hexachlorobutadiene
Concen: 0.109 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:225 Resp: 250

Ion	Ratio	Lower	Upper
225	100		
223	64.4	53.0	79.6
227	66.4	51.4	77.2



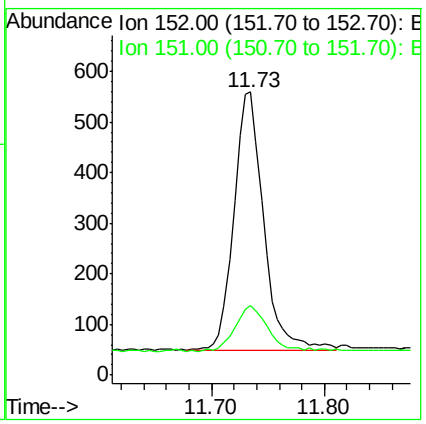


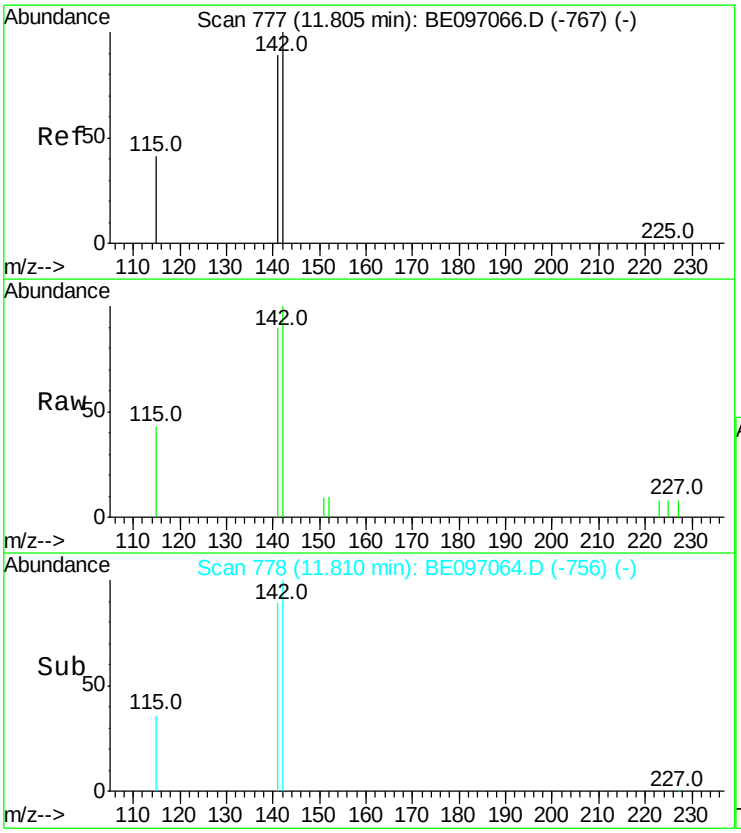
#11
2-Methylnaphthalene-d10
Concen: 0.102 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.01 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 937

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

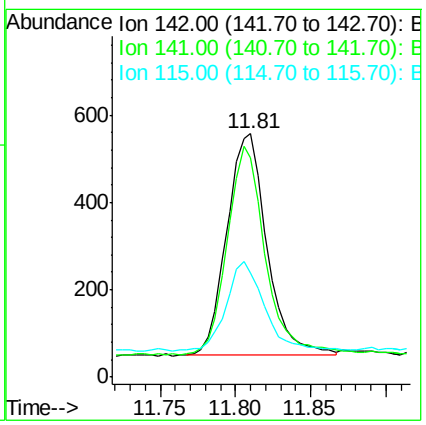


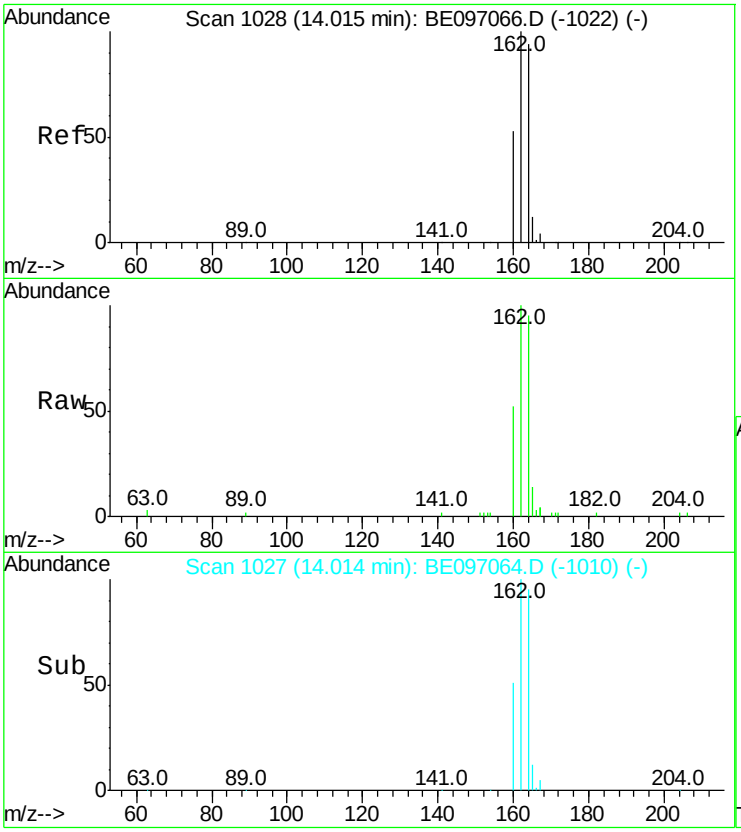


#12
2-Methylnaphthalene
Concen: 0.098 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.01 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:142 Resp: 941

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.4	105.6
115	42.7	31.7	47.5



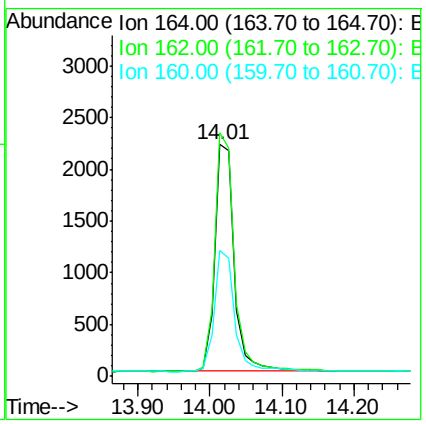


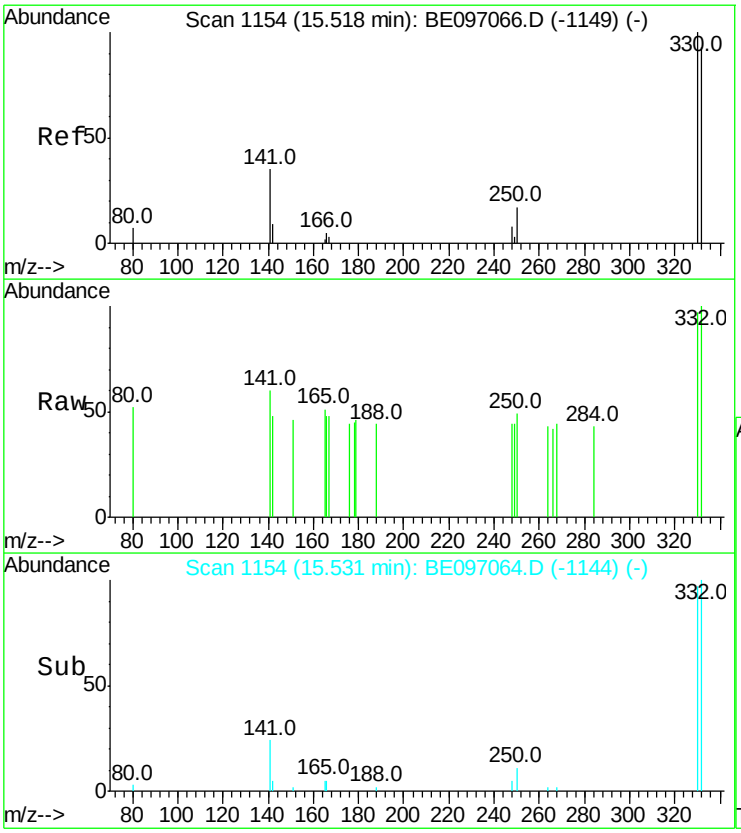
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4129

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.1	124.7
160	54.3	37.1	55.7

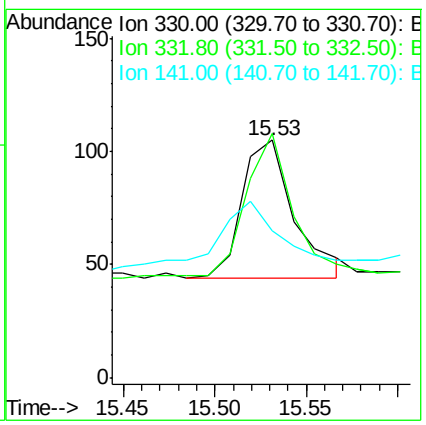


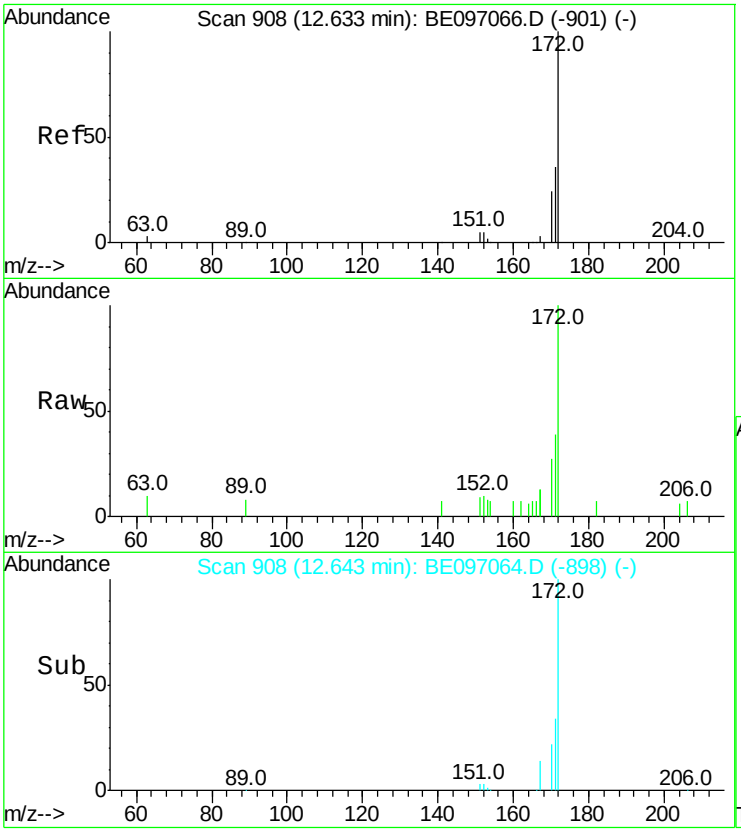


#14
2,4,6-Tribromophenol
Concen: 0.116 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:330 Resp: 121

Ion	Ratio	Lower	Upper
330	100		
332	96.7	152.7	229.1#
141	55.4	33.7	50.5#



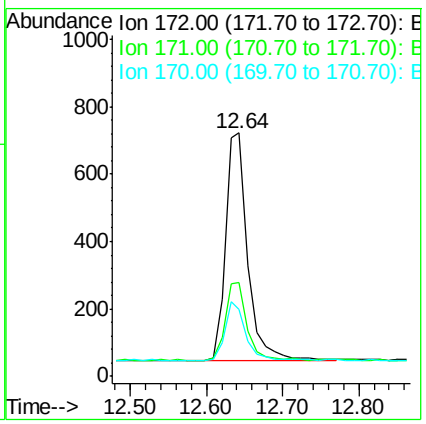


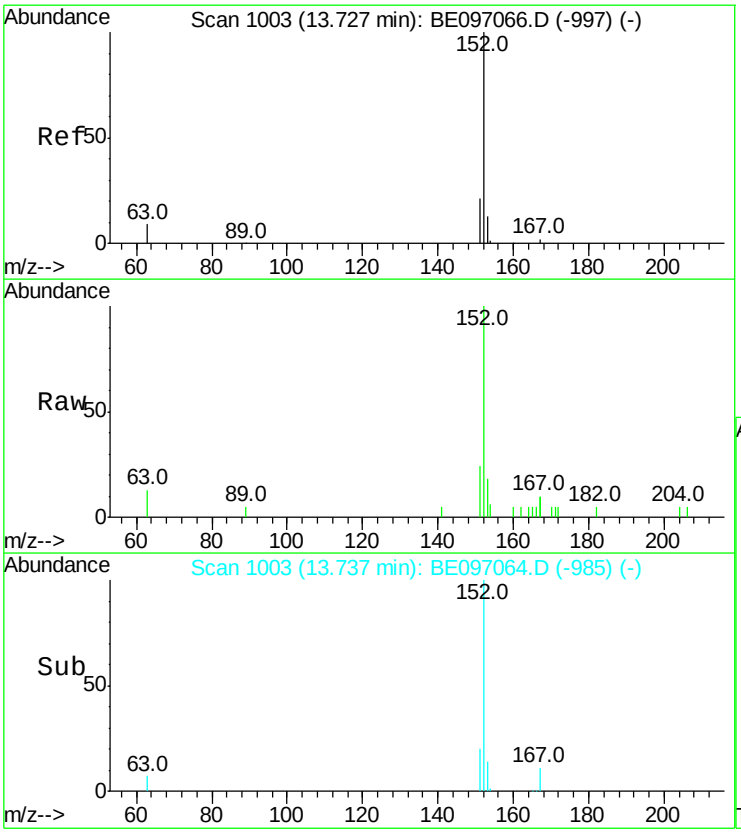
#15
2-Fluorobiphenyl
Concen: 0.092 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1411

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.9	44.9
170	27.2	21.8	32.8

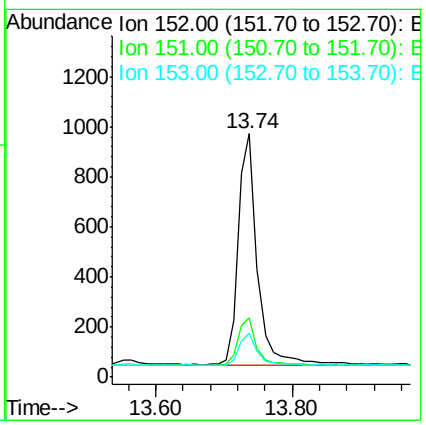


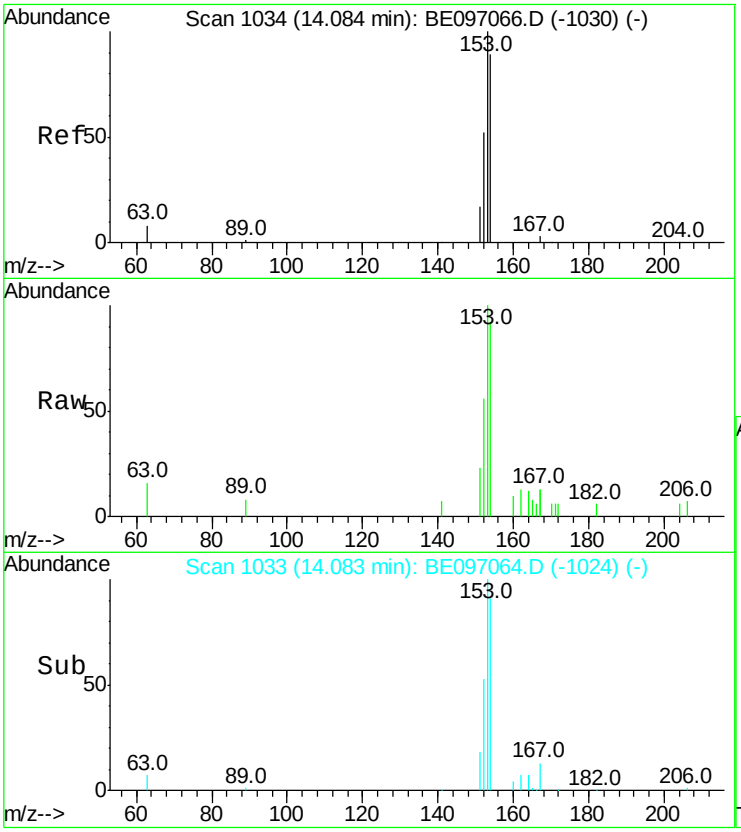


#16
Acenaphthylene
Concen: 0.094 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:152 Resp: 1781

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	13.3	10.5	15.7



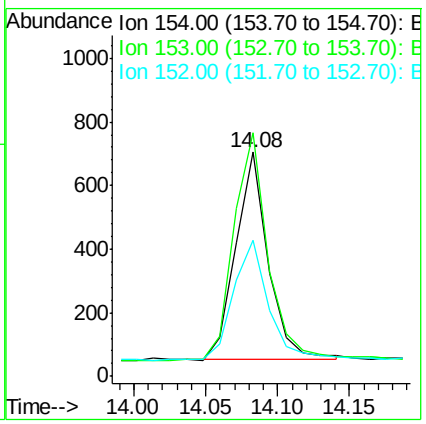


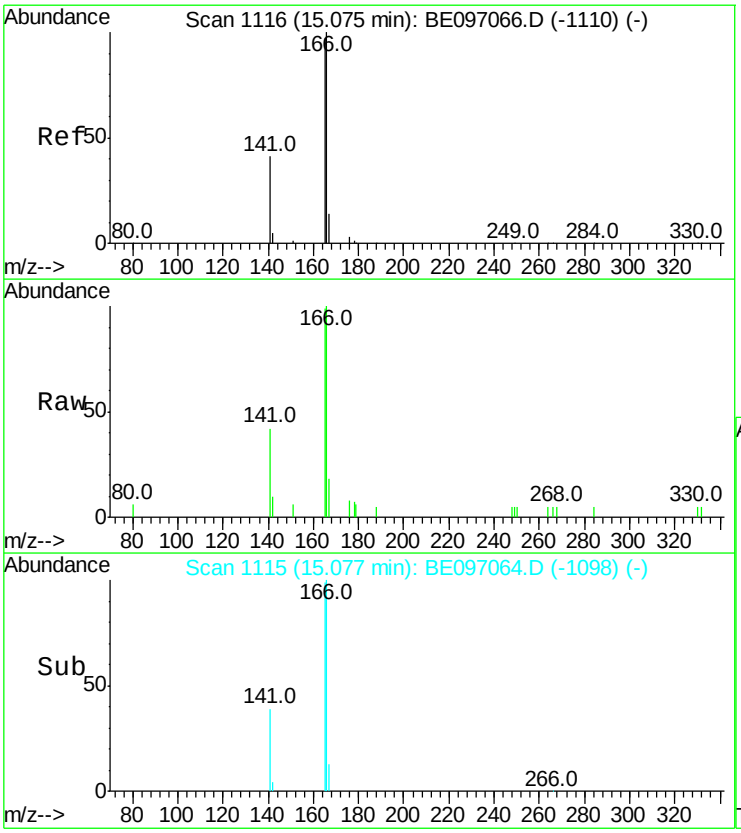
#17
Acenaphthene
Concen: 0.087 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1019

Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.2	133.8
152	63.0	42.0	63.0#

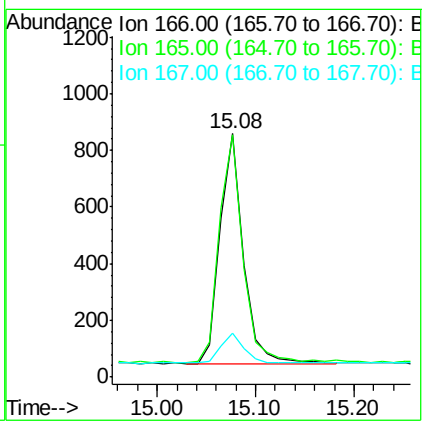


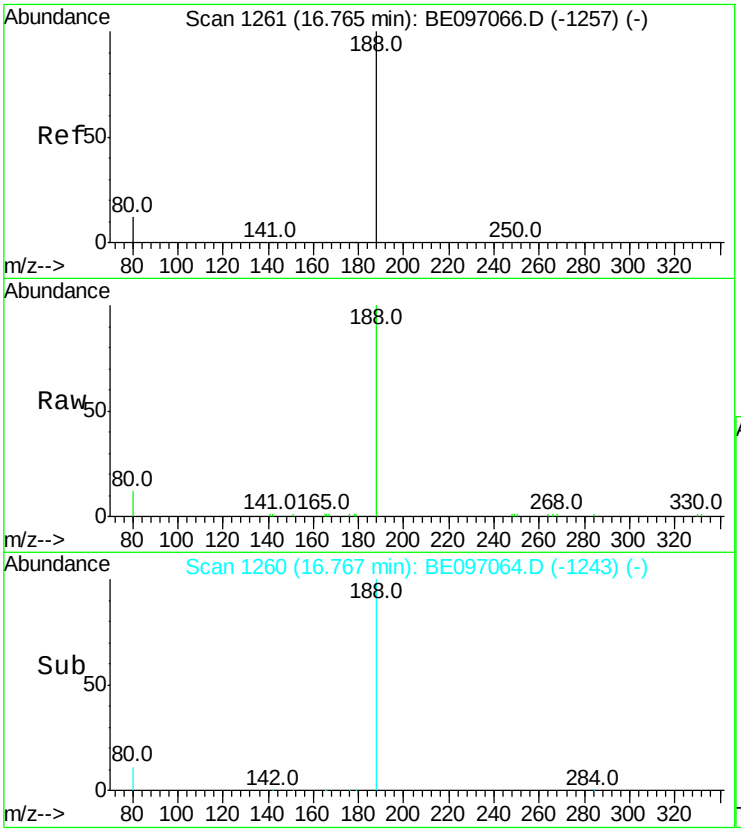


#18
Fluorene
Concen: 0.102 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:166 Resp: 1341

Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.8	116.6
167	13.4	42.4	63.6#



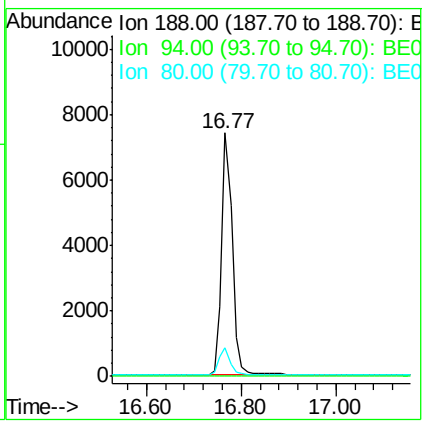


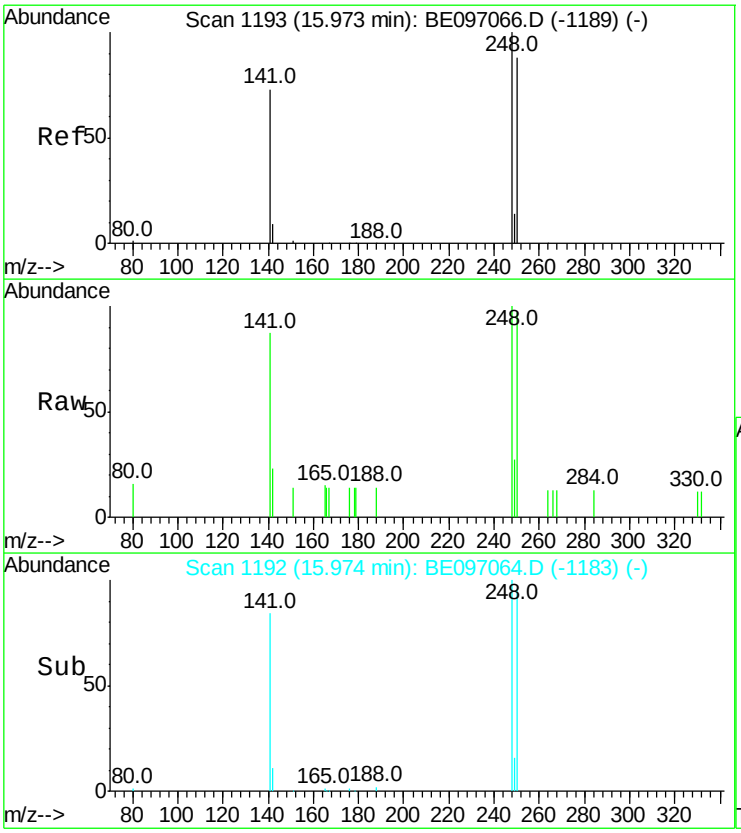
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11620

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.9	3.6	5.4#

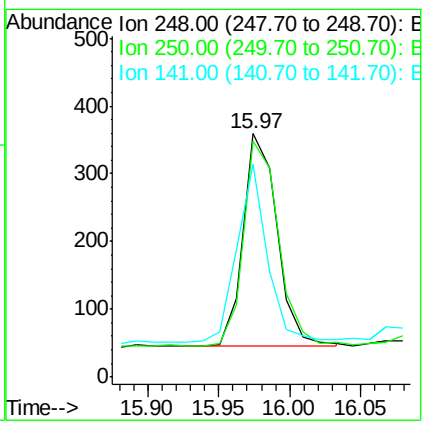


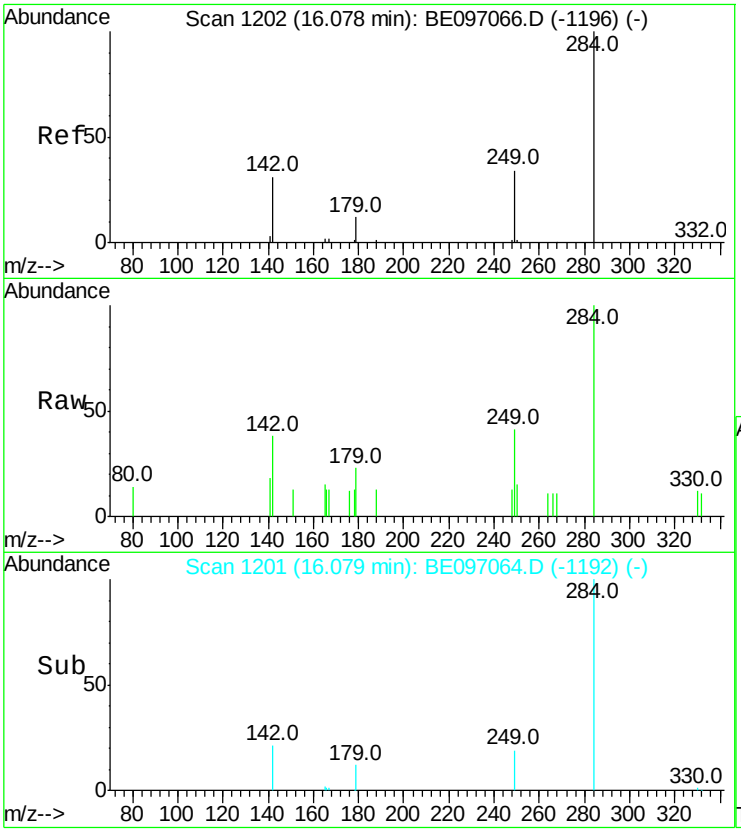


#20
4-Bromophenyl-phenylether
Concen: 0.095 ng
RT: 15.97 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:248 Resp: 520

Ion	Ratio	Lower	Upper
248	100		
250	96.9	62.7	94.1#
141	87.5	48.2	72.2#



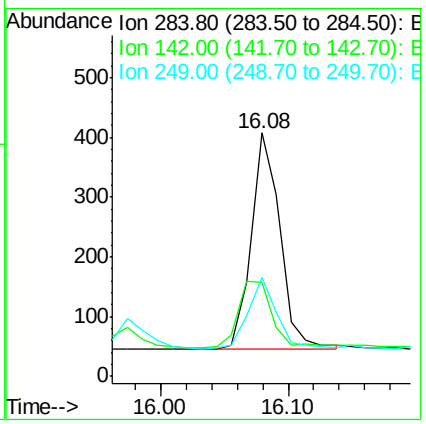


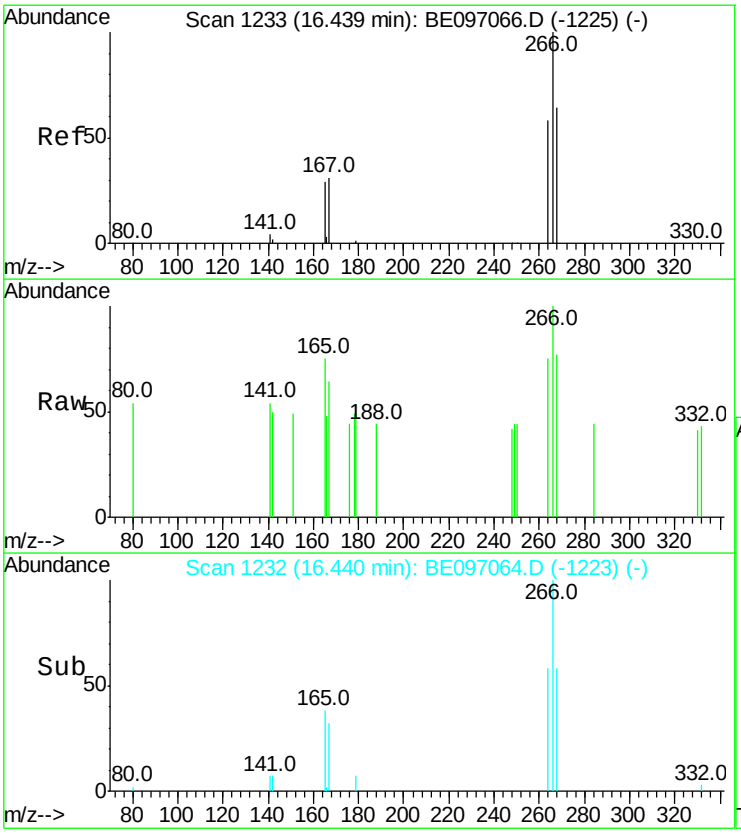
#21
Hexachlorobenzene
Concen: 0.093 ng
RT: 16.08 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 570

Ion	Ratio	Lower	Upper
284	100		
142	35.1	22.1	33.1#
249	32.3	34.8	52.2#

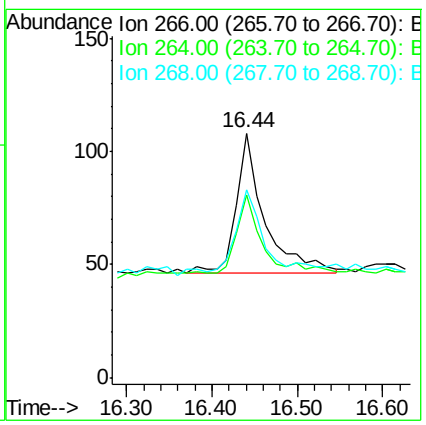


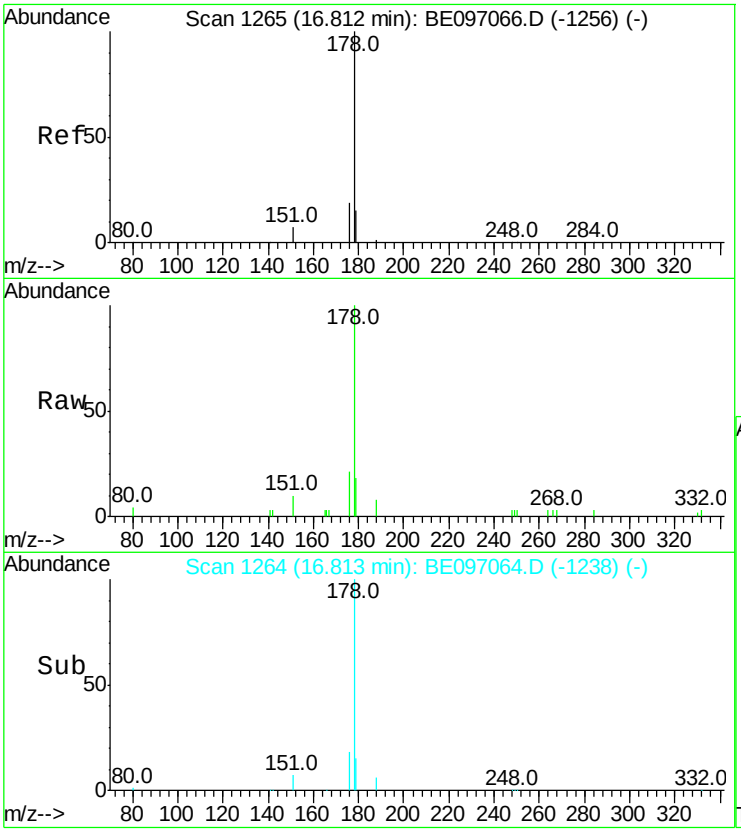


#22
Pentachlorophenol
Concen: 0.145 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:266 Resp: 145

Ion	Ratio	Lower	Upper
266	100		
264	75.0	72.5	108.7
268	76.9	73.8	110.6



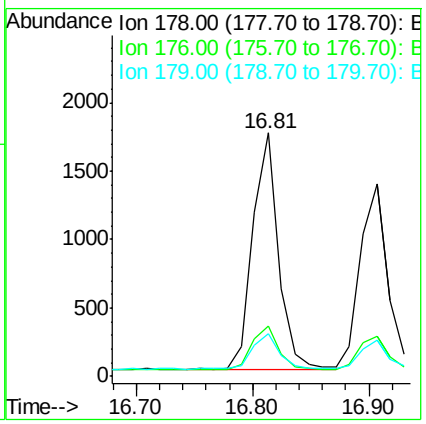


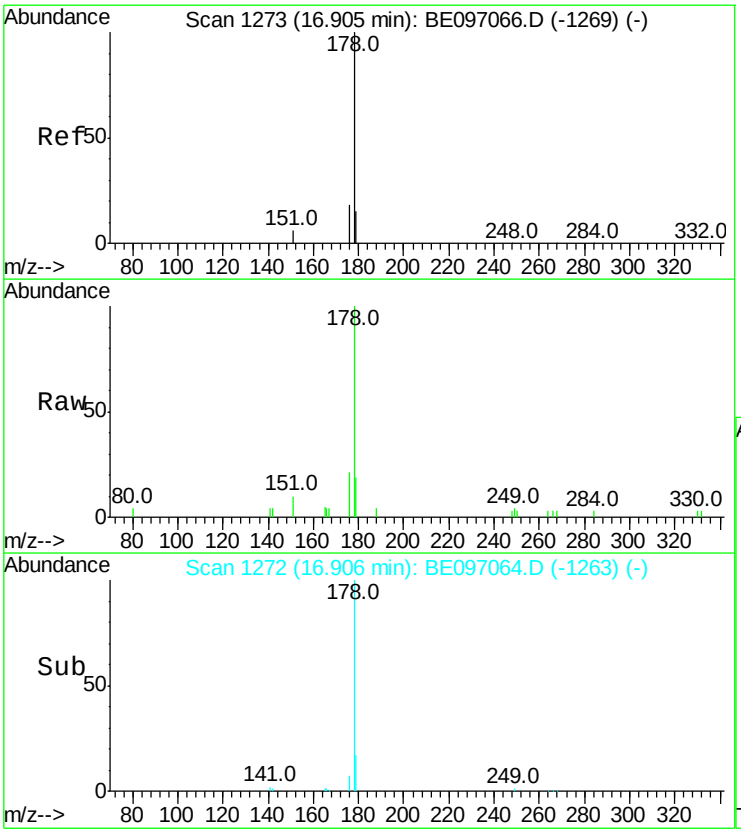
#23
Phenanthrene
Concen: 0.096 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2678

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	17.0	11.8	17.6

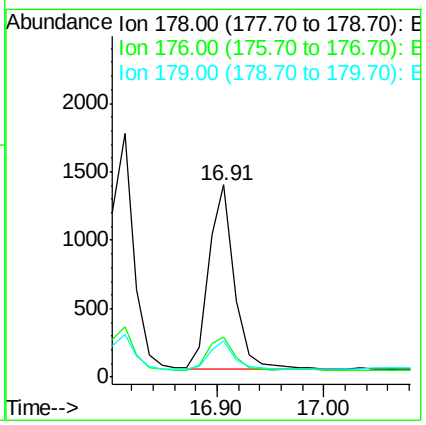


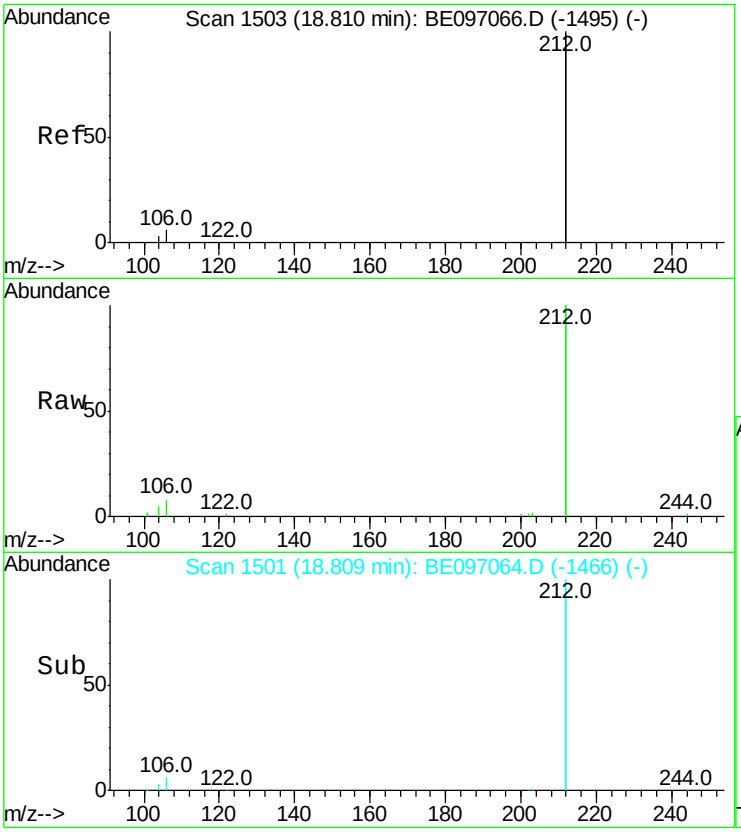


#24
Anthracene
Concen: 0.091 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:178 Resp: 2205

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	14.8	13.0	19.6



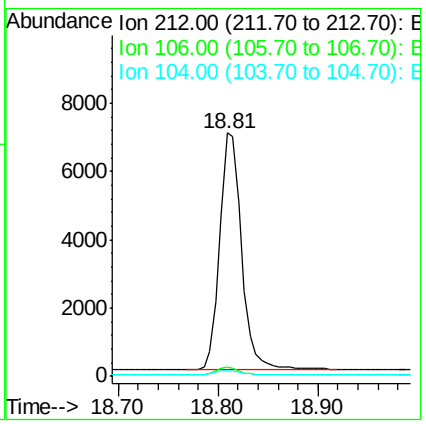


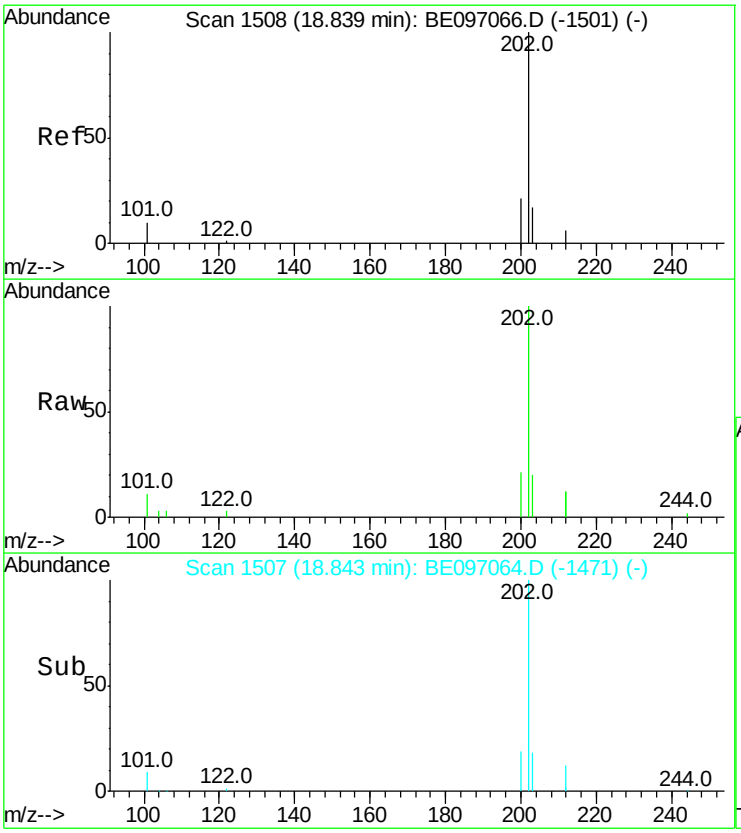
#25
Fluoranthene-d10
Concen: 0.105 ng
RT: 18.81 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 10590

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

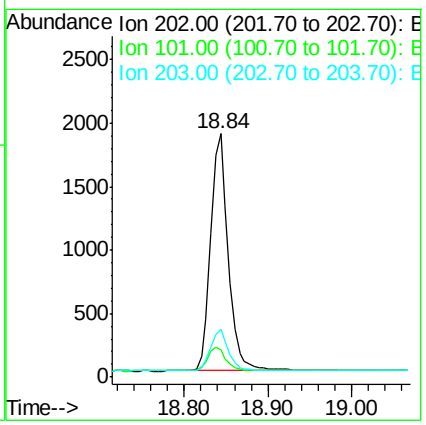


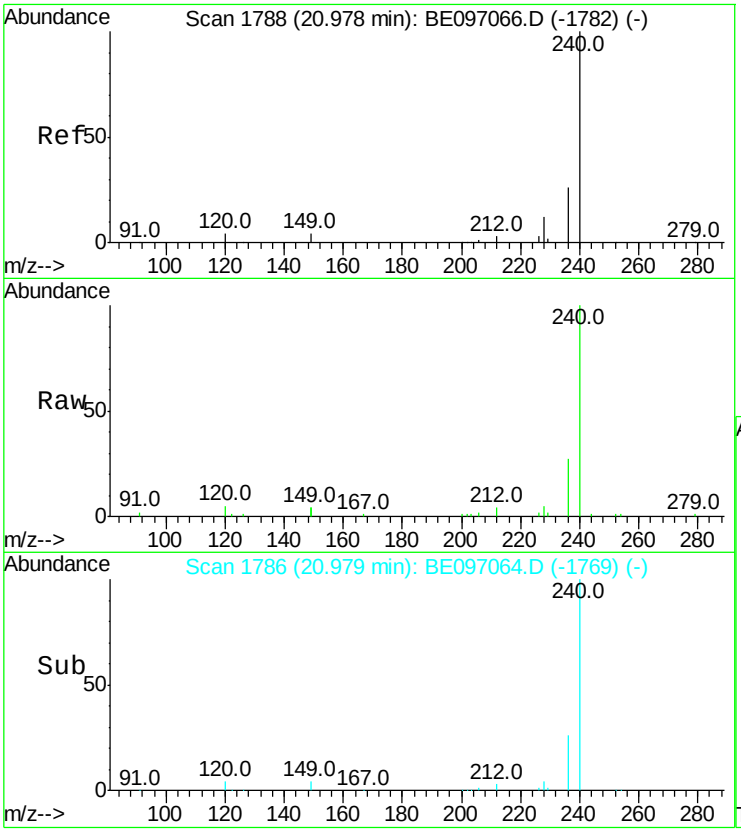


#26
Fluoranthene
Concen: 0.093 ng
RT: 18.84 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:202 Resp: 2743

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	17.2	13.7	20.5



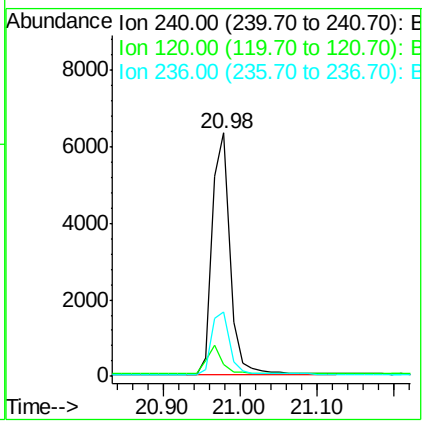


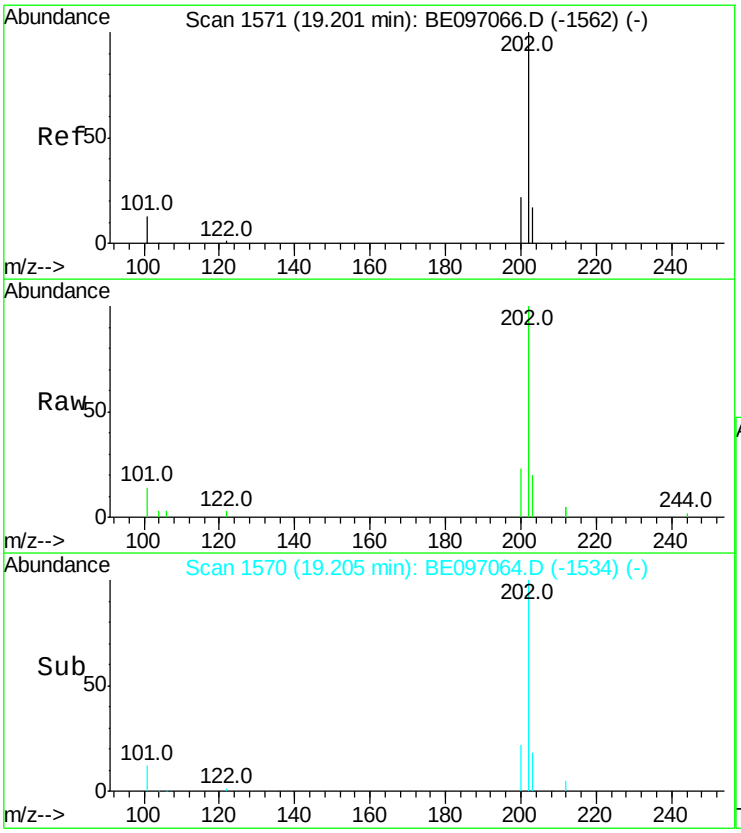
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 10270

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.5	8.3#
236	26.6	20.7	31.1

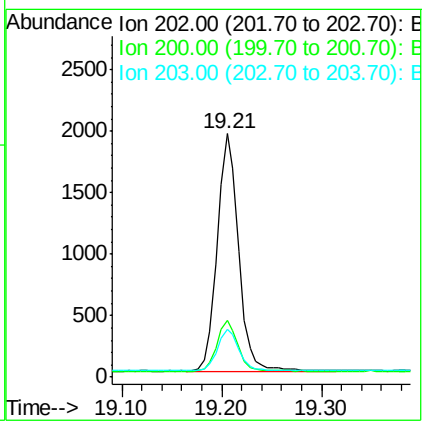


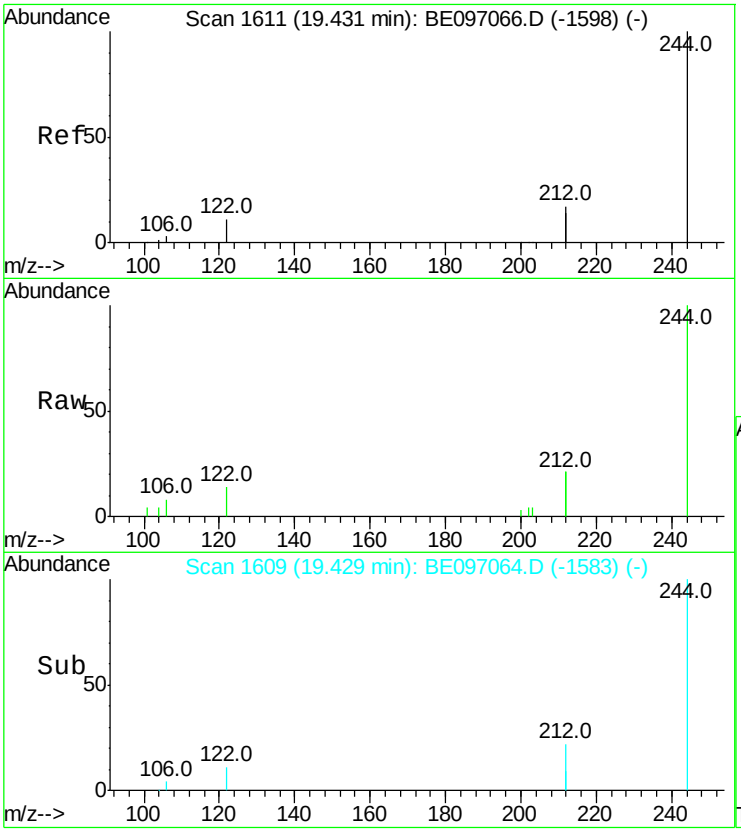


#28
Pyrene
Concen: 0.094 ng
RT: 19.21 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:202 Resp: 2851

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	25.0
203	17.4	13.8	20.8



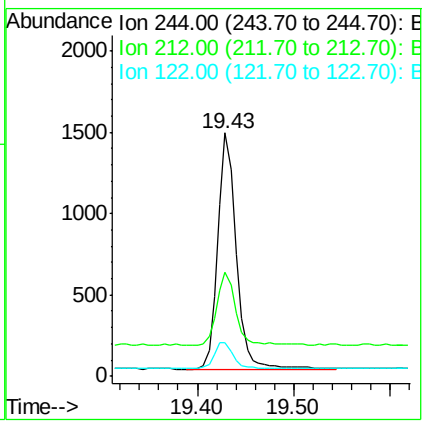


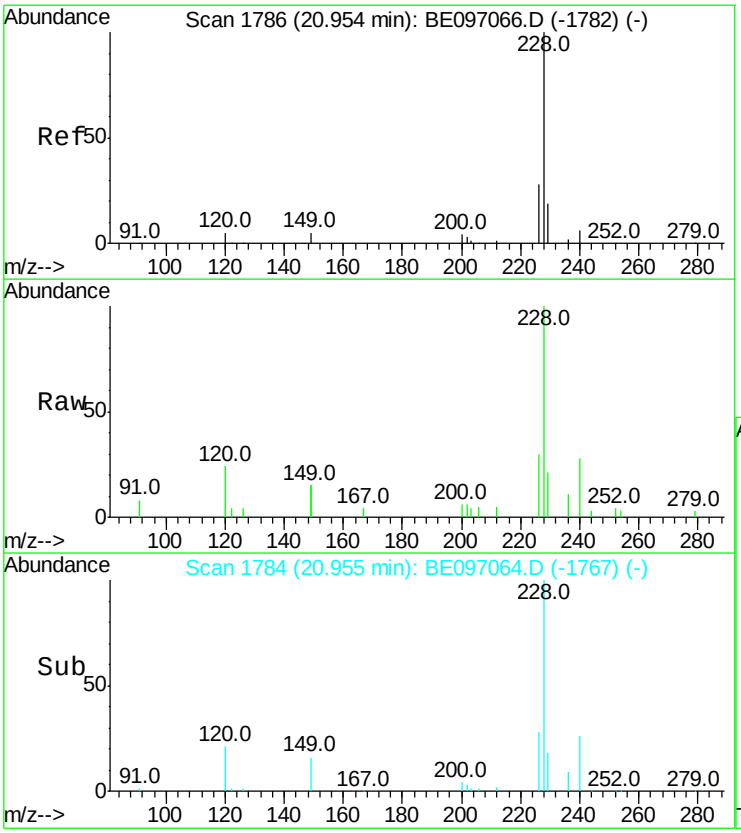
#29
Terphenyl-d14
Concen: 0.099 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 1953

Ion	Ratio	Lower	Upper
244	100		
212	42.6	25.4	38.0#
122	13.6	8.1	12.1#

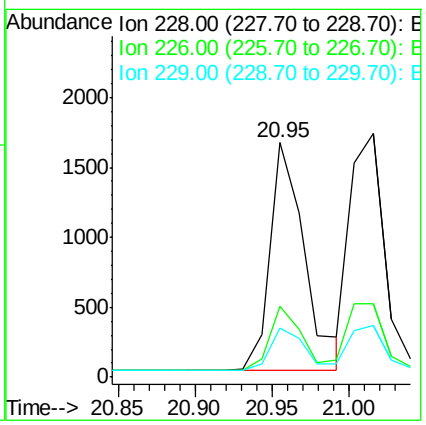


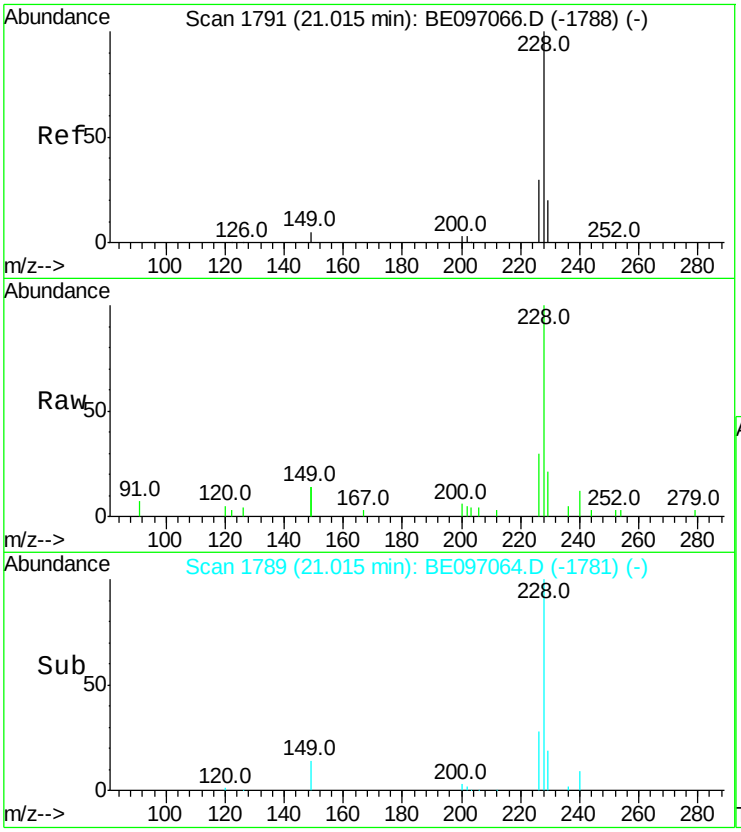


#30
Benzo(a)anthracene
Concen: 0.104 ng
RT: 20.95 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:228 Resp: 2550

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	20.7	16.0	24.0



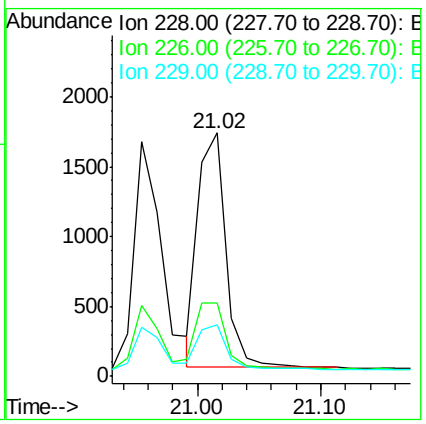


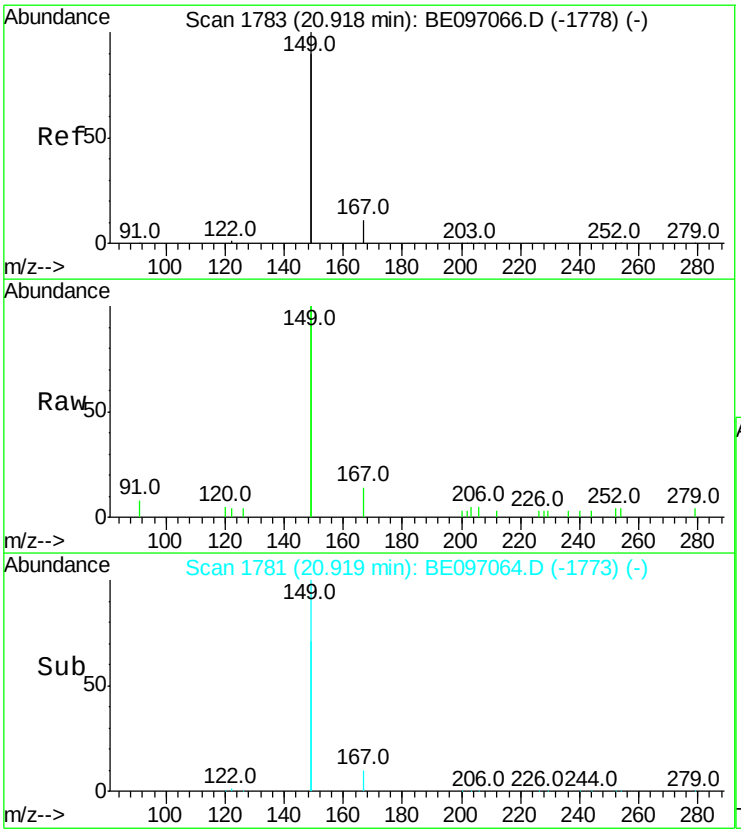
#31
Chrysene
Concen: 0.096 ng
RT: 21.02 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2625

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	21.1	16.0	24.0

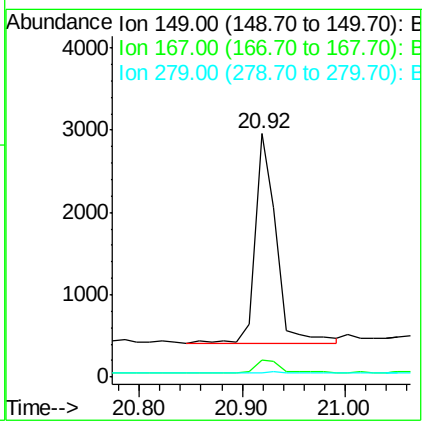


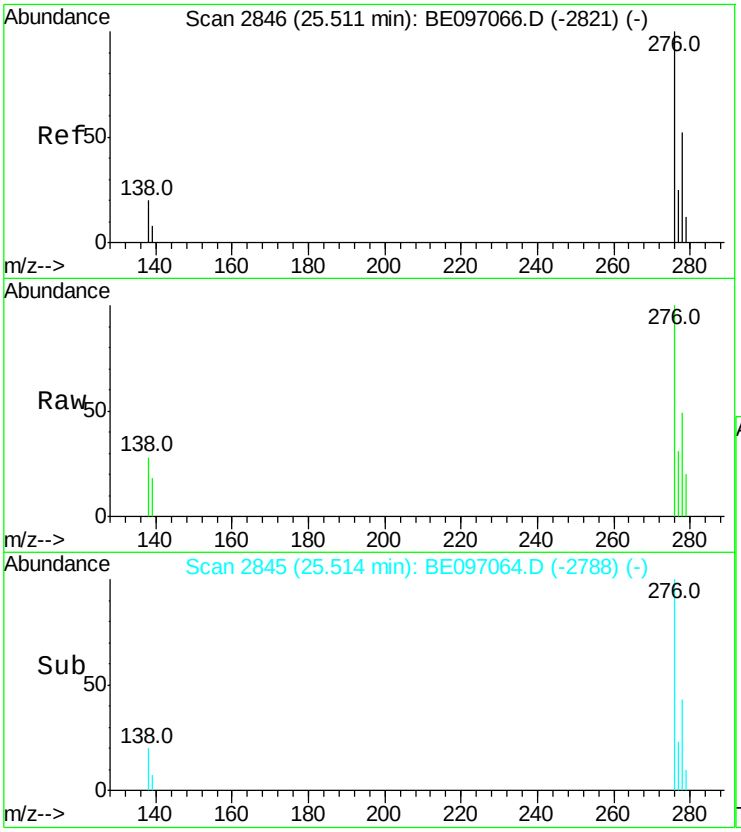


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.149 ng
RT: 20.92 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:149 Resp: 3649

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.3	0.7	1.1#



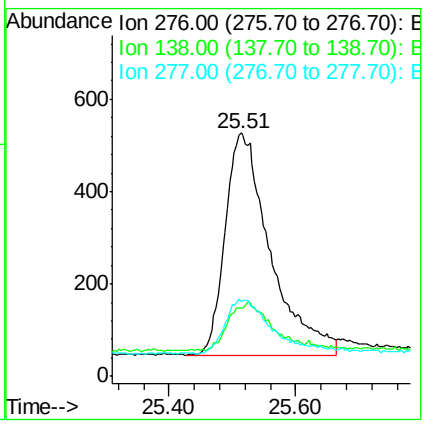


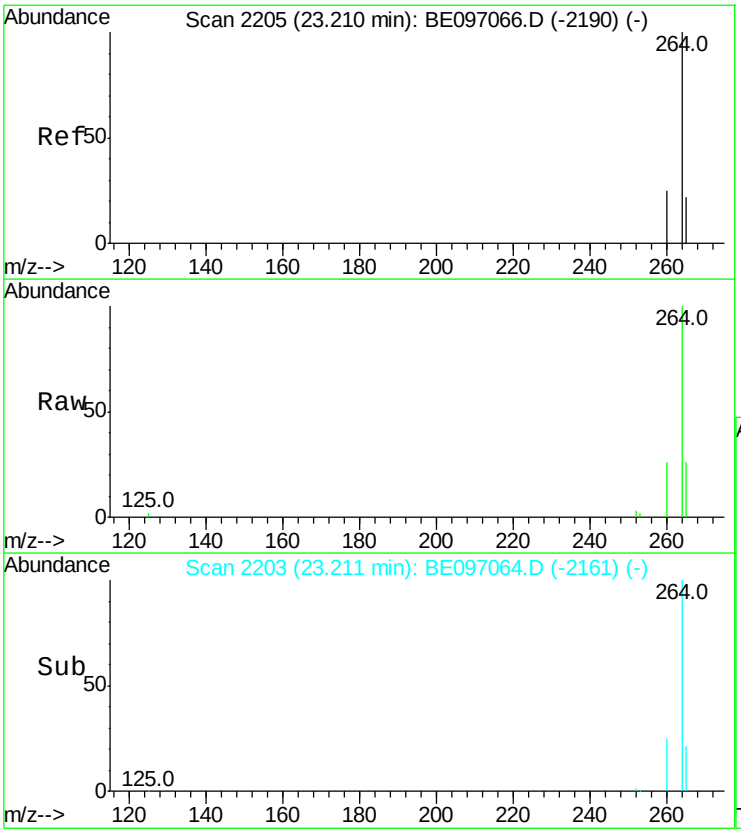
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.119 ng
RT: 25.51 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2385

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

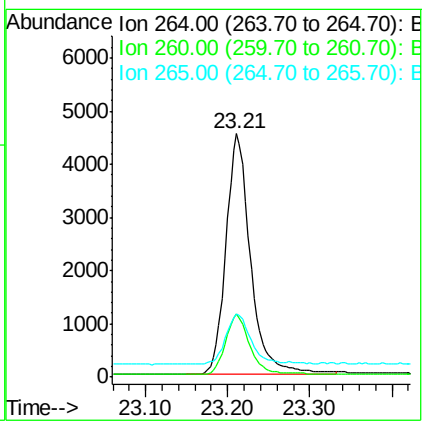


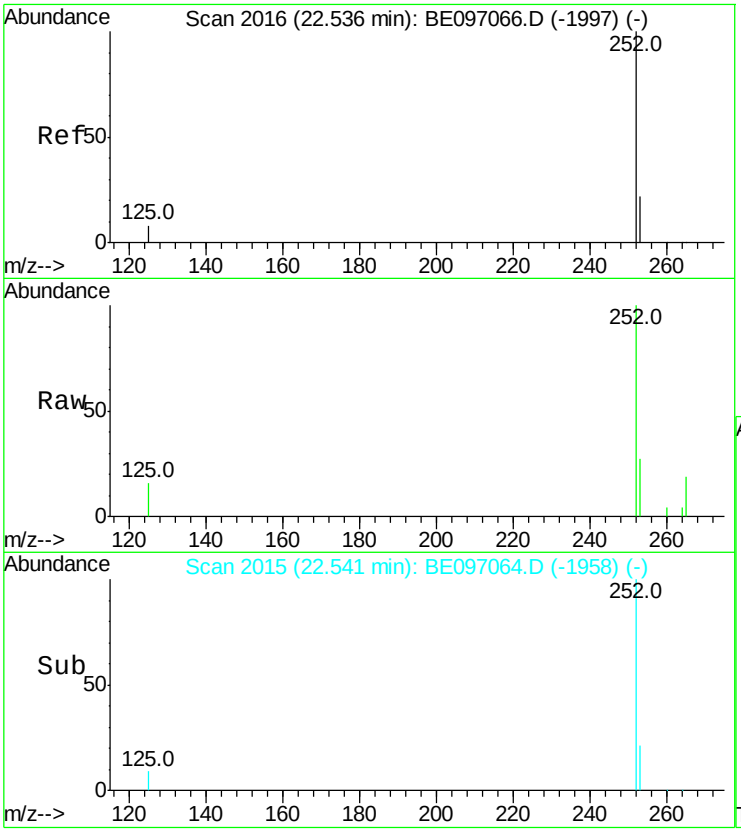


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:264 Resp: 9465

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	25.7	22.8	34.2



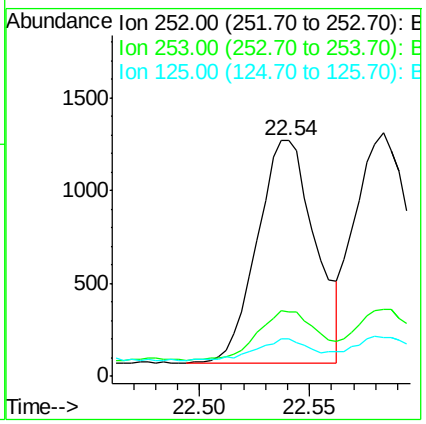


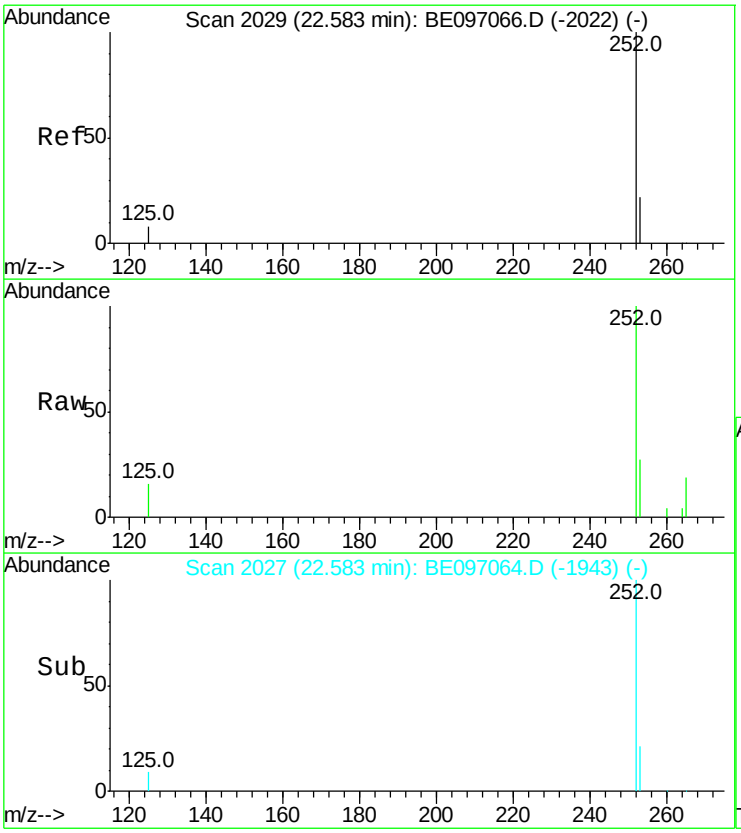
#35
Benzo(b)fluoranthene
Concen: 0.091 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2189

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.0	30.0
125	15.7	16.0	24.0#

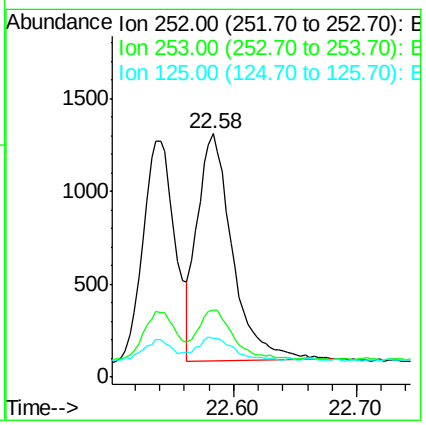


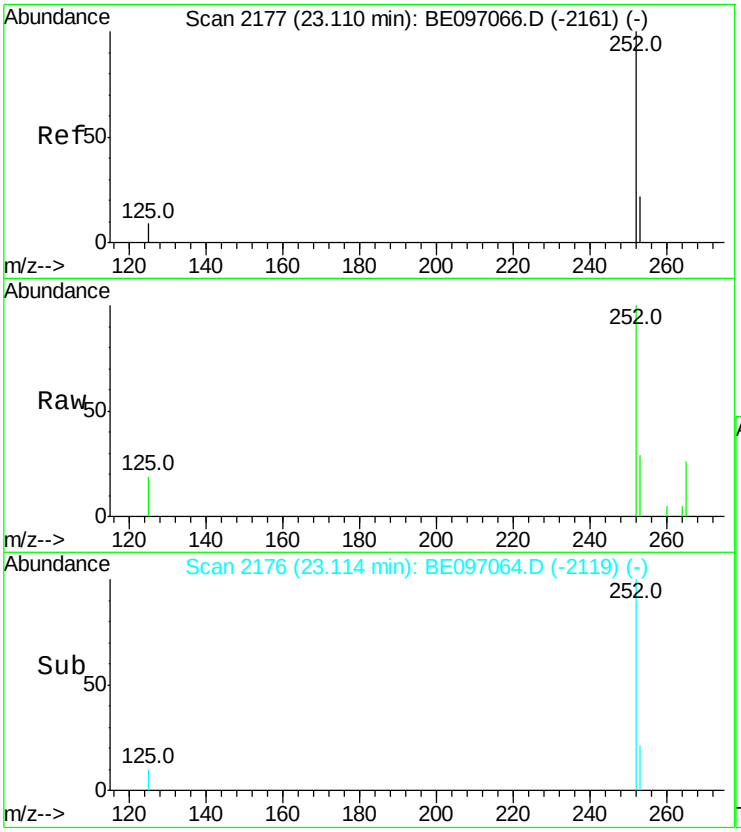


#36
Benzo(k)fluoranthene
Concen: 0.085 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:252 Resp: 2436

Ion	Ratio	Lower	Upper
252	100		
253	27.3	16.0	24.0#
125	15.8	8.0	12.0#



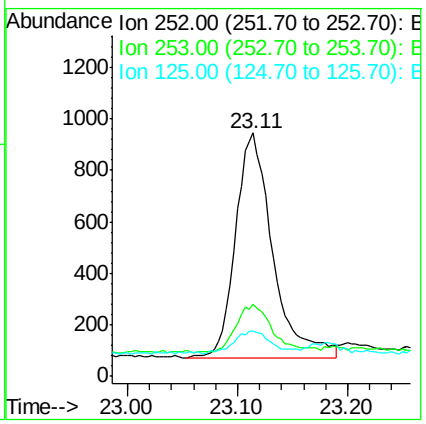


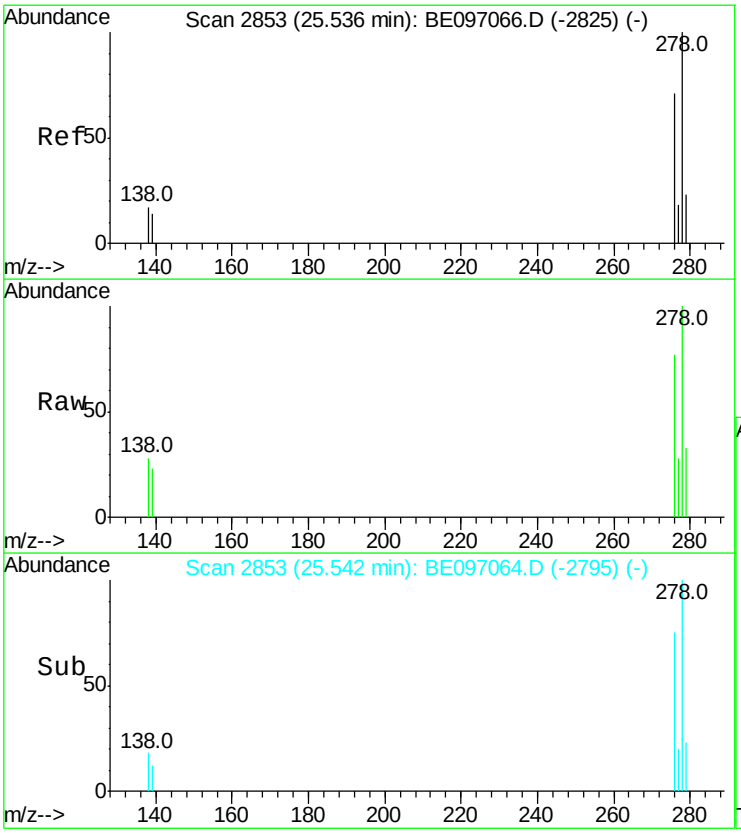
#37
Benzo(a)pyrene
Concen: 0.093 ng
RT: 23.11 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2019

Ion	Ratio	Lower	Upper
252	100		
253	29.5	16.0	24.0#
125	18.8	12.0	18.0#

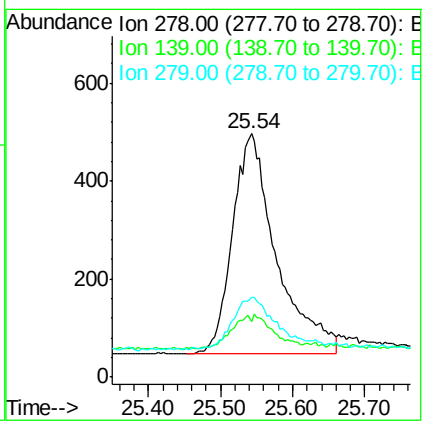


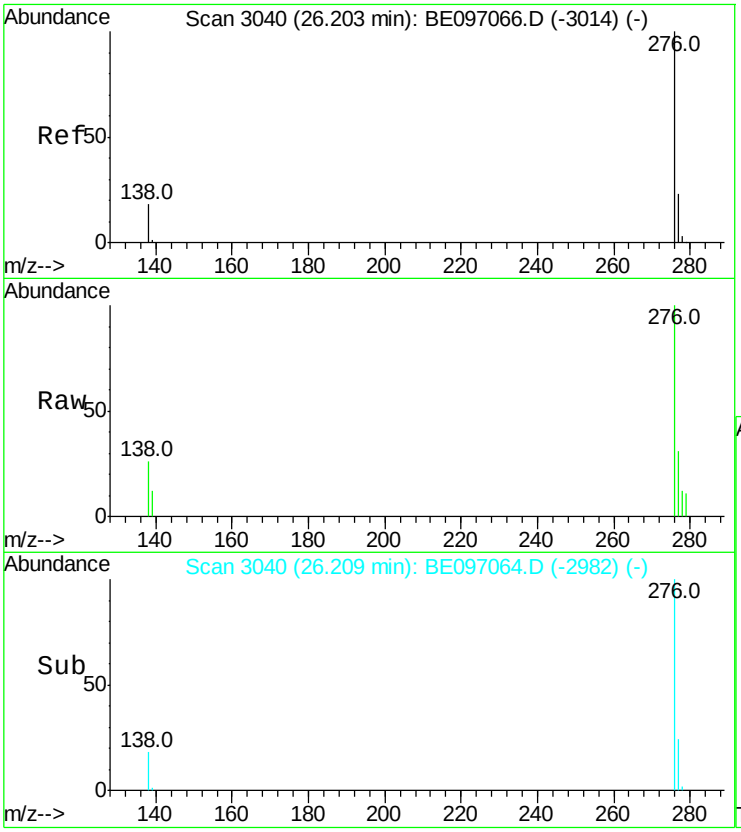


#38
Dibenzo(a,h)anthracene
Concen: 0.106 ng
RT: 25.54 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Tgt Ion:278 Resp: 1870

Ion	Ratio	Lower	Upper
278	100		
139	22.9	16.0	24.0
279	32.8	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.108 ng
RT: 26.21 min Scan# 3040
Delta R.T. 0.01 min
Lab File: BE097064.D
Acq: 24 Jul 2018 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2131

Ion	Ratio	Lower	Upper
276	100		
277	31.1	16.0	24.0#
138	26.3	20.0	30.0