Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097076.D
Acq On : 24 Jul 2018 17:48
Operator : SJ/JU
Sample : J4073-18MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE123D3-071818MS

Quant Time: Jul 25 00:37:47 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 13:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1233	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5711	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3369	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	9889	0.40	ng		0.00
27) Chrysene-d12	20.97	240	11594	0.40	ng		-0.01
34) Perylene-d12	23.21	264	11036	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	473	0.14	ng		0.00
5) Phenol-d6	6.60	99	406	0.08	ng		0.00
8) Nitrobenzene-d5	8.52	82	1962	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3570	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	406	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	5301	0.46	ng		0.00
25) Fluoranthene-d10	18.81	212	47940	0.48	ng		0.00
29) Terphenyl-d14	19.42	244	9906	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	354	0.181	ng	#	64
3) n-Nitrosodimethylamine	3.37	42	432	0.197	ng	#	73
6) bis(2-Chloroethyl)ether	6.84	93	1629	0.351	ng		96
9) Naphthalene	10.20	128	21439	0.418	ng		100
10) Hexachlorobutadiene	10.48	225	808	0.352	ng		98
12) 2-Methylnaphthalene	11.81	142	3573	0.406	ng		100
16) Acenaphthylene	13.73	152	5698	0.377	ng		99
17) Acenaphthene	14.08	154	3409	0.388	ng		94
18) Fluorene	15.07	166	4810	0.414	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	1686	0.351	ng		87
21) Hexachlorobenzene	16.08	284	1661	0.322	ng	#	82
22) Pentachlorophenol	16.43	266	1024	0.758	ng	#	70
23) Phenanthrene	16.81	178	9757	0.414	ng		98
24) Anthracene	16.89	178	9143	0.434	ng		95
26) Fluoranthene	18.84	202	12776	0.483	ng		99
28) Pyrene	19.20	202	13325	0.419	ng		99
30) Benzo(a)anthracene	20.95	228	12621	0.438	ng		97
31) Chrysene	21.00	228	12453	0.403	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	31803	0.962	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	12080	0.431	ng	#	94
35) Benzo(b)fluoranthene	22.53	252	11398	0.407	ng	#	89
36) Benzo(k)fluoranthene	22.53	252	11398	0.349	ng		95
37) Benzo(a)pyrene	23.11	252	11136	0.423	ng		93
38) Dibenzo(a,h)anthracene	25.52	278	10258	0.390	ng		96
39) Benzo(g,h,i)perylene	26.19	276	10486	0.376	ng	#	91

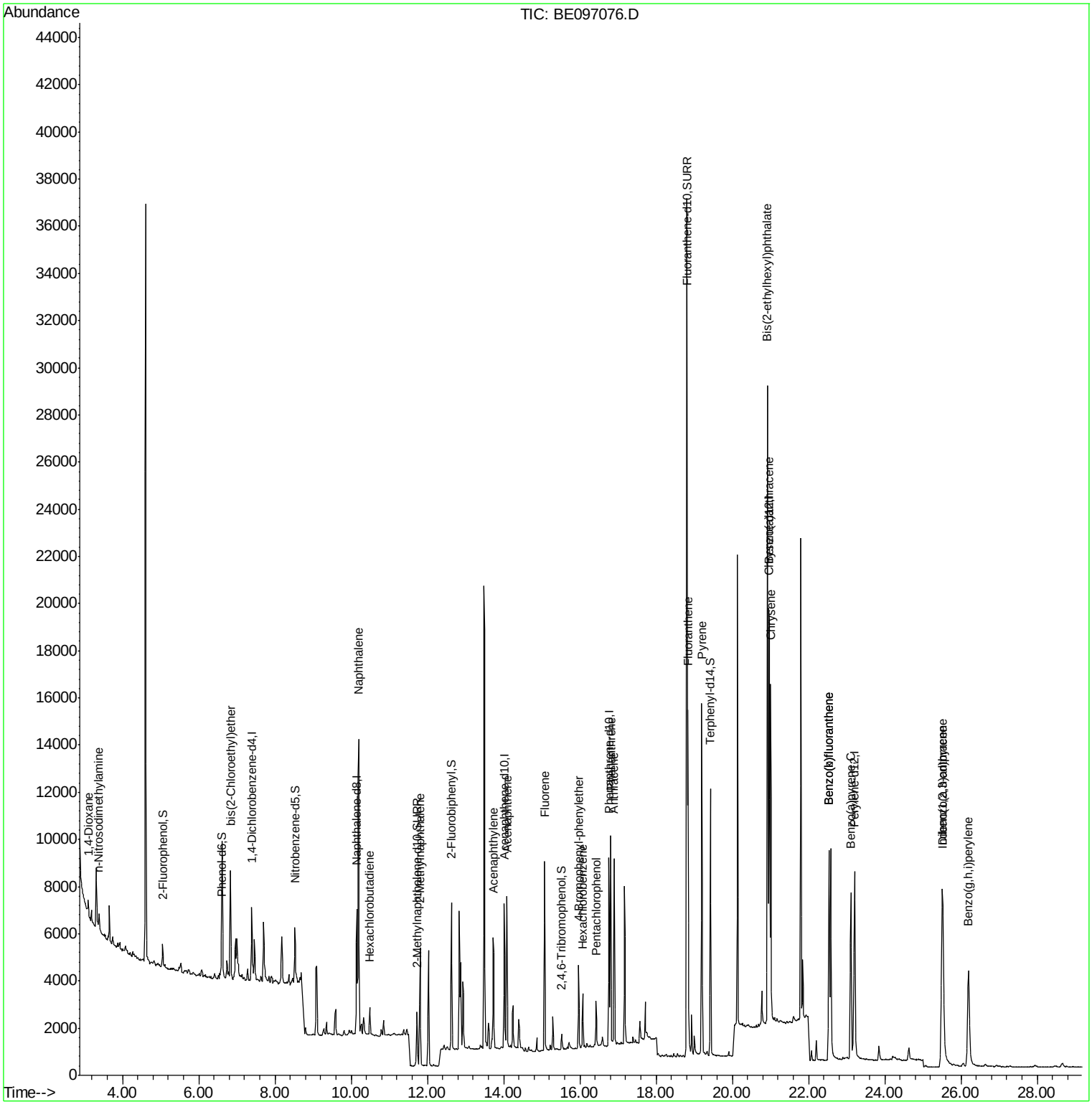
(#) = qualifier out of range (m) = manual integration (+) = signals summed

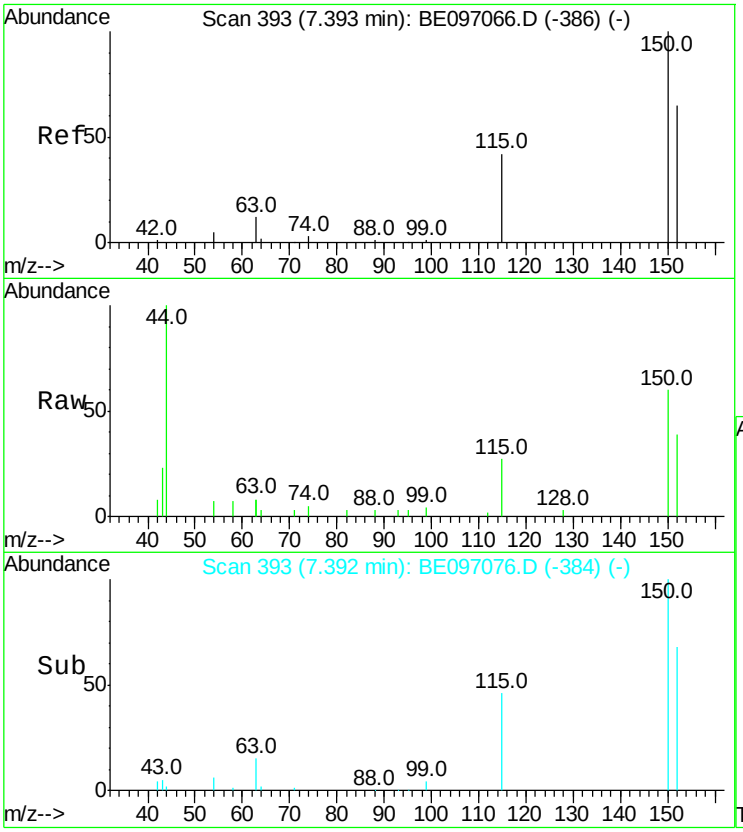
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097076.D
Acq On : 24 Jul 2018 17:48
Operator : SJ/JU
Sample : J4073-18MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Quant Time: Jul 25 00:37:47 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 13:24:10 2018
Response via : Initial Calibration



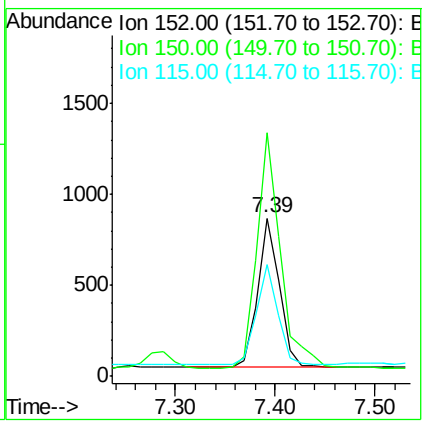


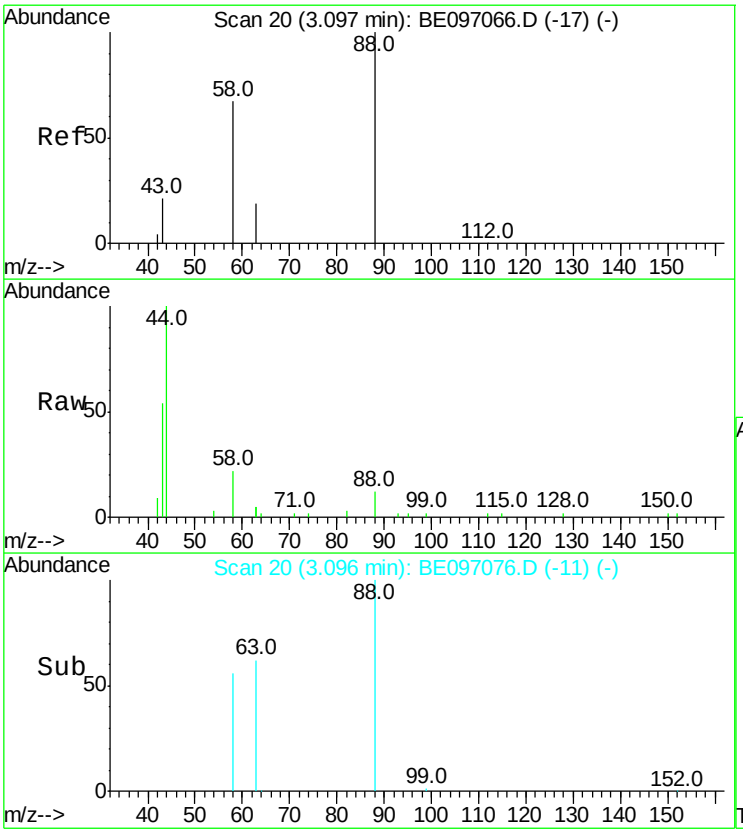
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:152 Resp: 1233

Ion	Ratio	Lower	Upper
152	100		
150	154.0	117.2	175.8
115	70.8	57.0	85.6

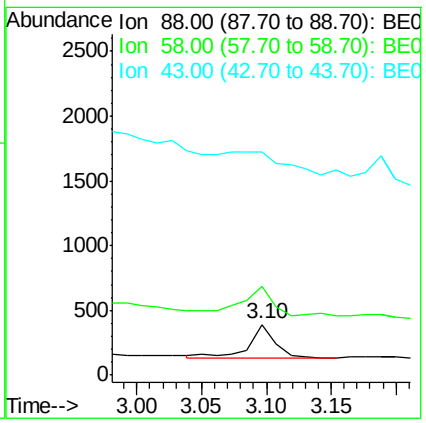


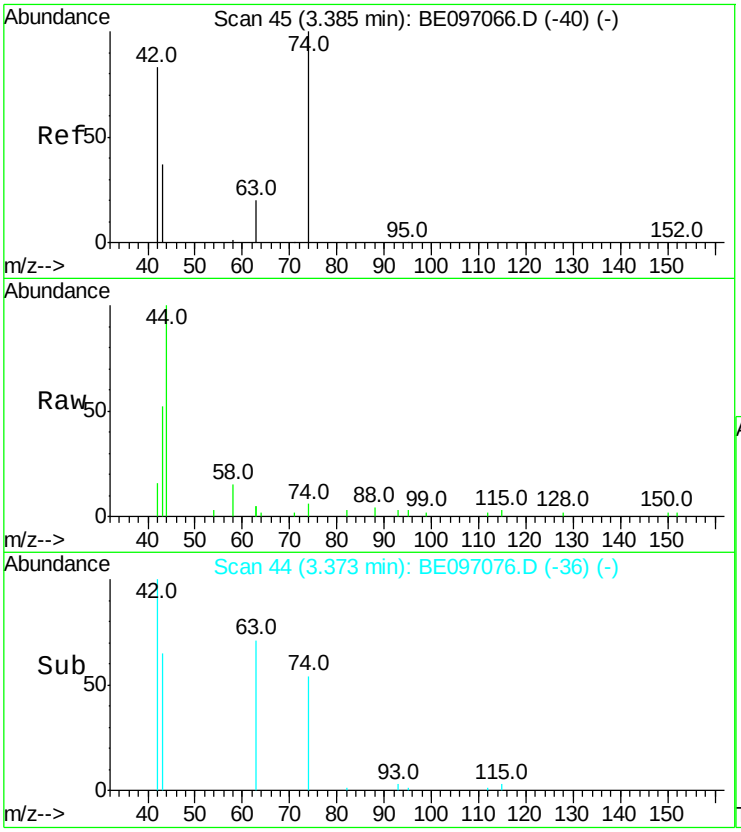


#2
1,4-Dioxane
Concen: 0.181 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion: 88 Resp: 354

Ion	Ratio	Lower	Upper
88	100		
58	89.5	63.2	94.8
43	0.0	41.2	61.8#



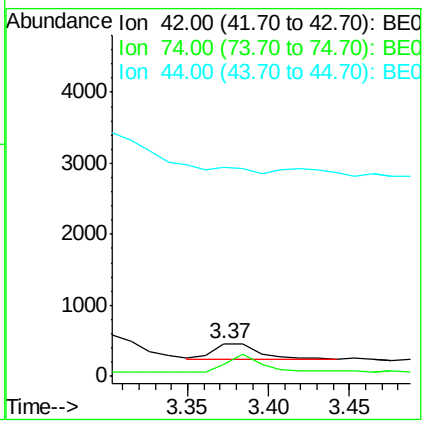


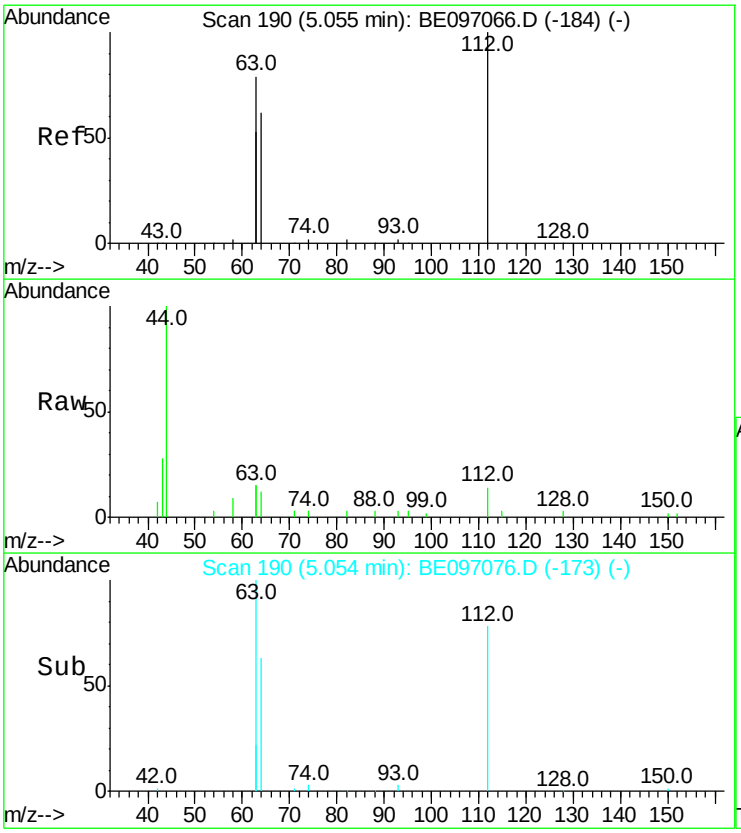
#3
n-Nitrosodimethylamine
Concen: 0.197 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion: 42 Resp: 432

Ion	Ratio	Lower	Upper
42	100		
74	90.7	96.0	144.0#
44	0.0	12.0	18.0#

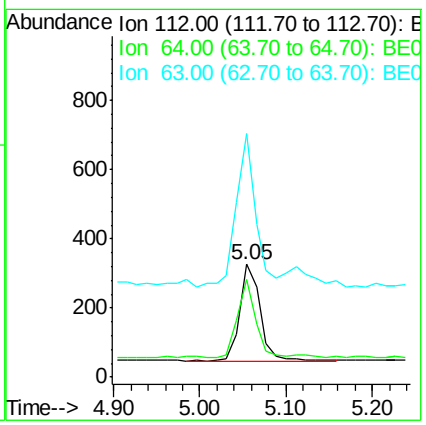


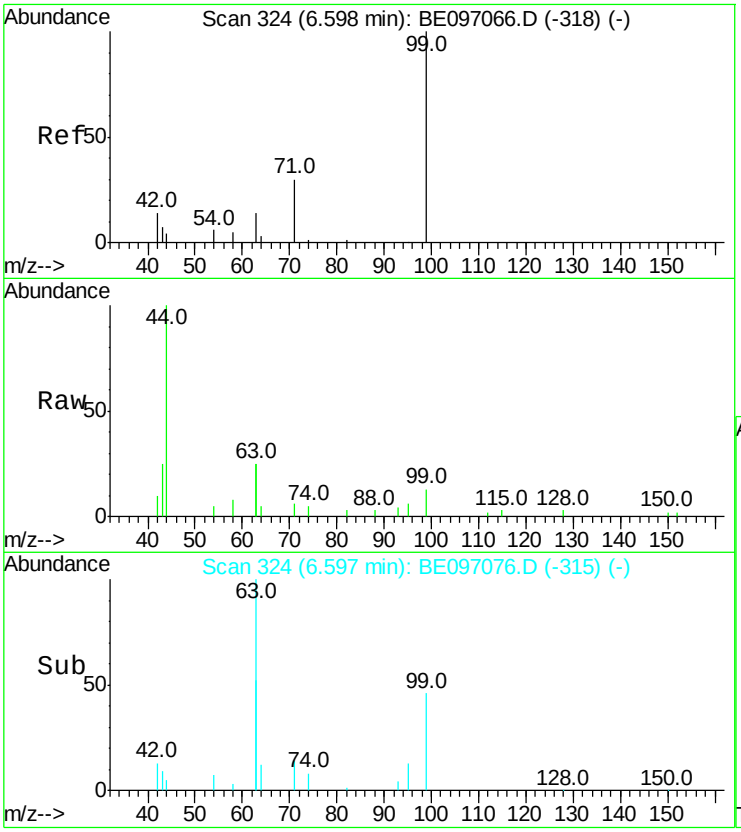


#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:112 Resp: 473

Ion	Ratio	Lower	Upper
112	100		
64	69.8	60.1	90.1
63	146.3	116.8	175.2



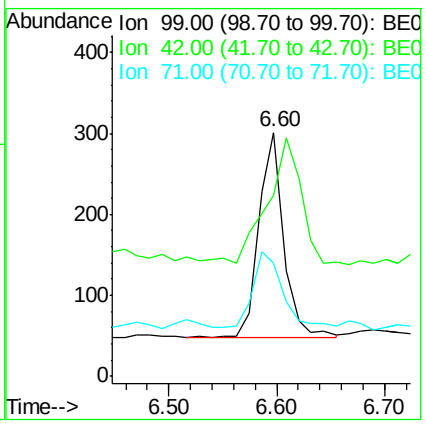


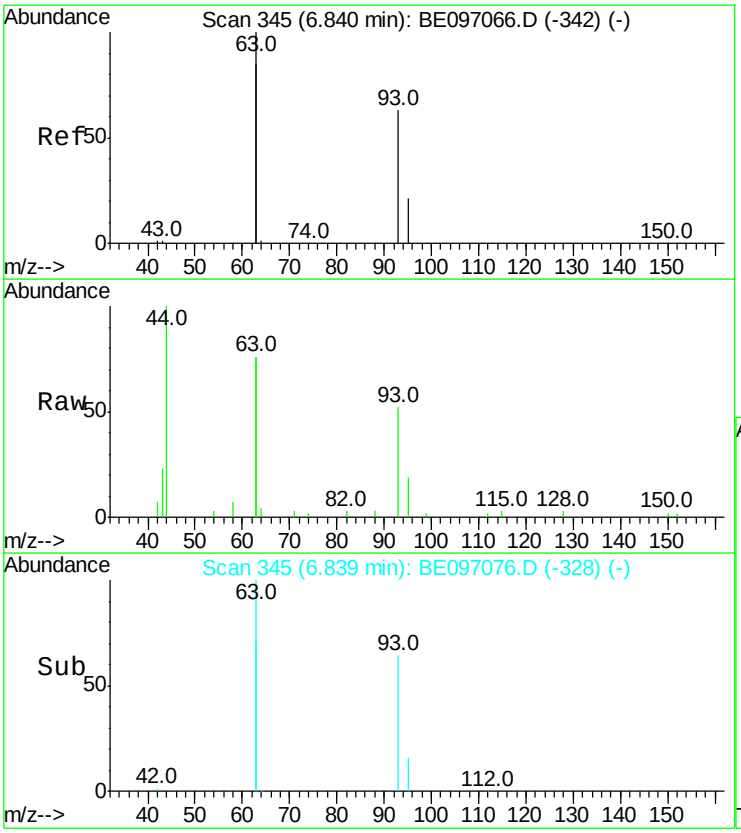
#5
Phenol-d6
Concen: 0.080 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion: 99 Resp: 406

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	44.1	28.4	42.6#

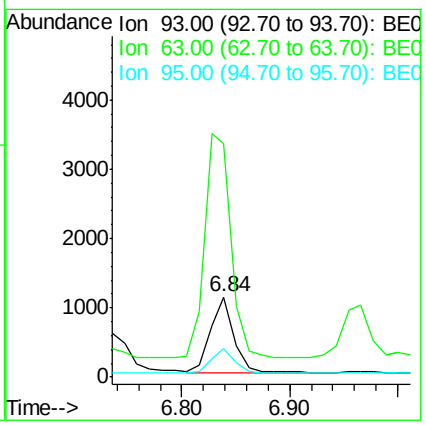


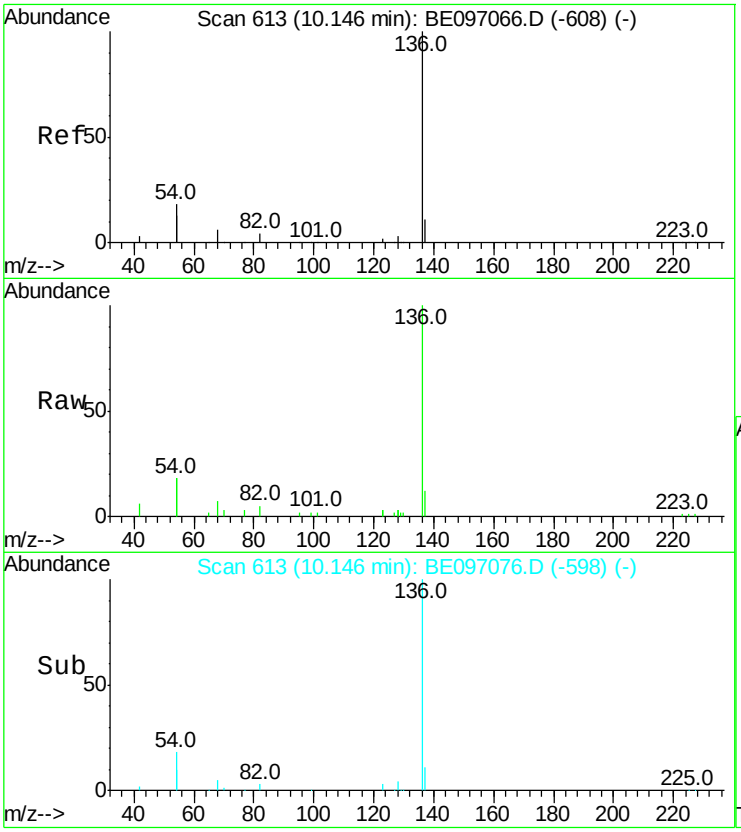


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion: 93 Resp: 1629

Ion	Ratio	Lower	Upper
93	100		
63	334.5	275.3	412.9
95	32.9	25.2	37.8



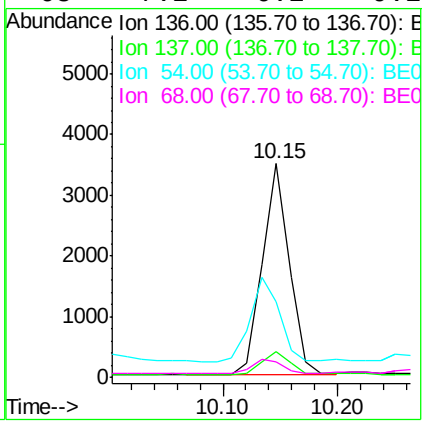


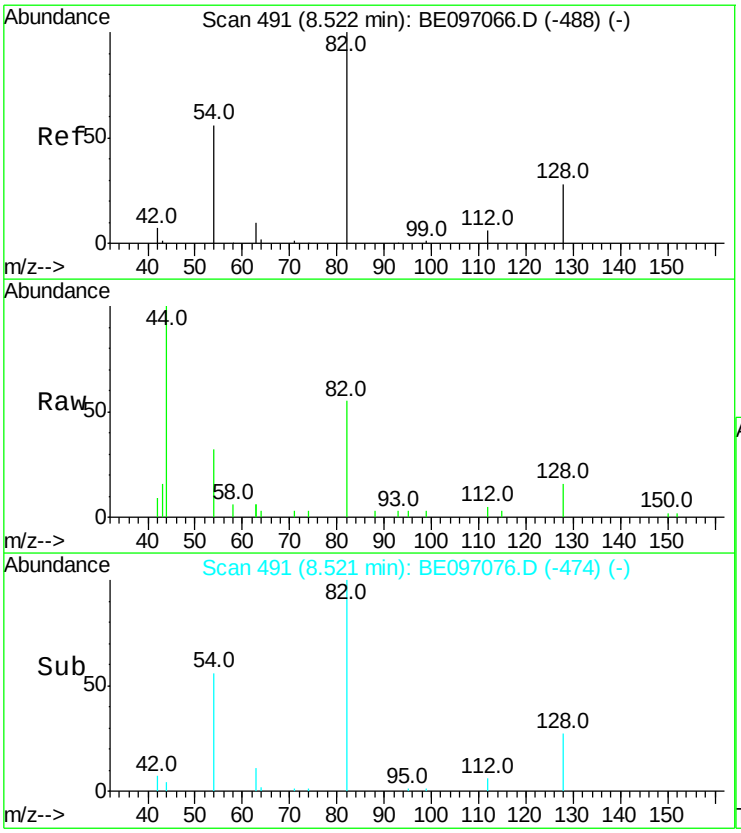
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:136 Resp: 5711

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	35.5	29.1	43.7
68	7.2	6.2	9.2

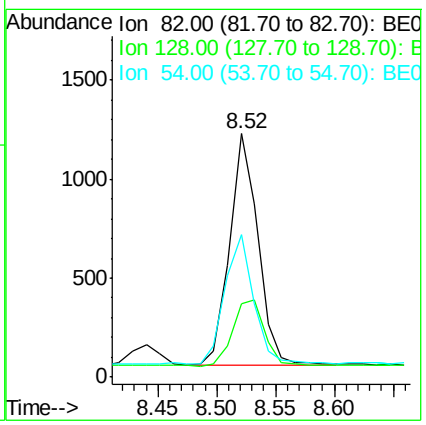


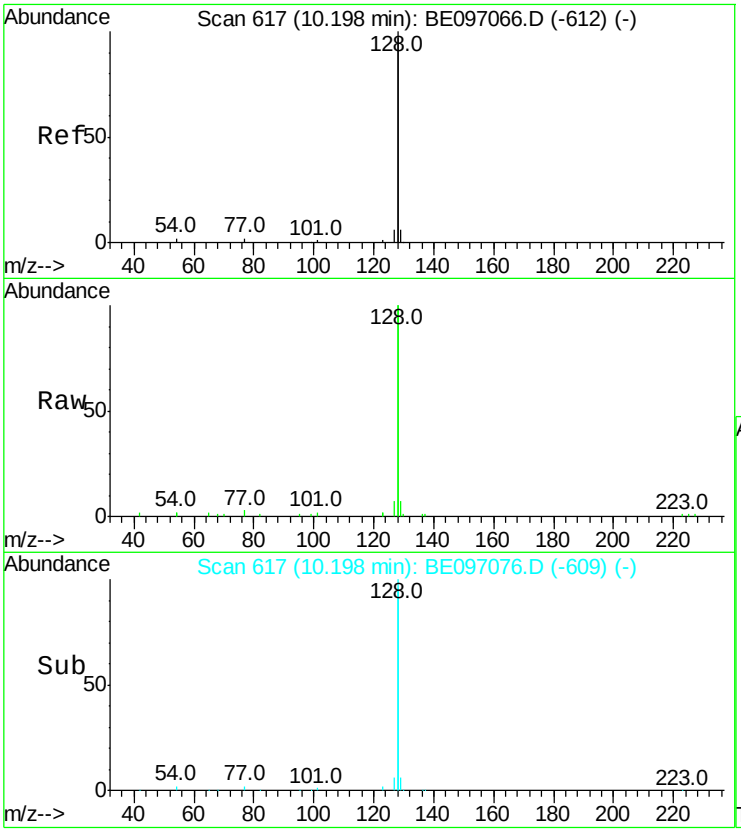


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion: 82 Resp: 1962

Ion	Ratio	Lower	Upper
82	100		
128	30.1	24.0	36.0
54	58.5	40.0	60.0



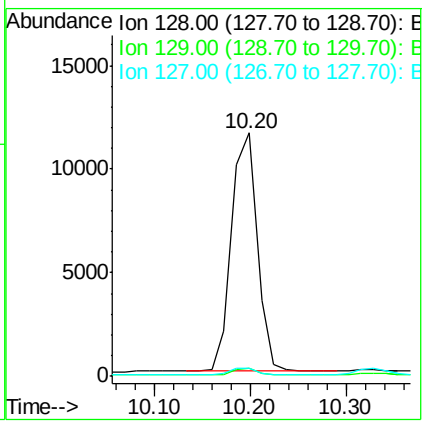


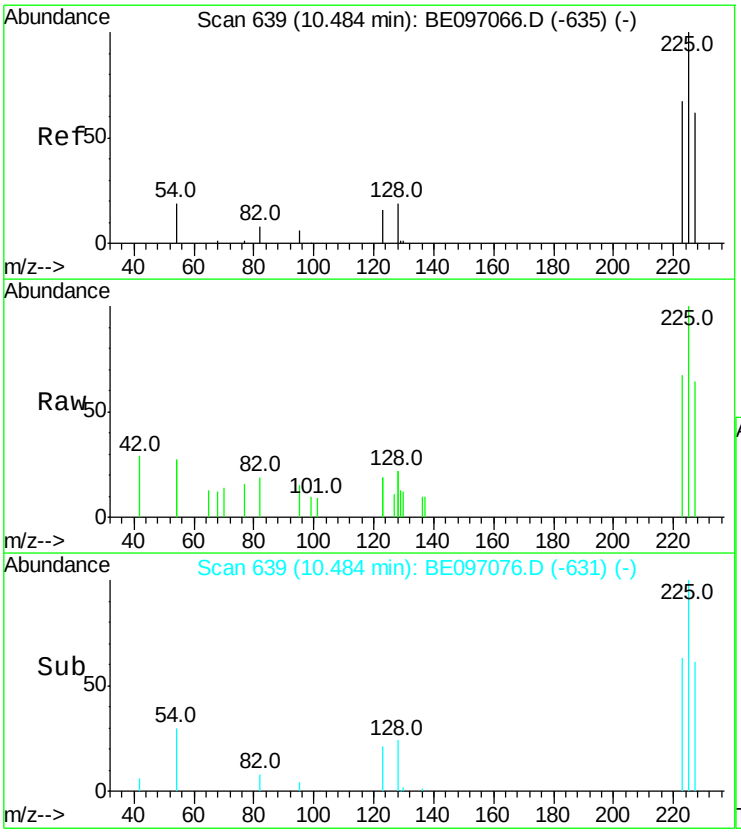
#9
Naphthalene
Concen: 0.418 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:128 Resp: 21439

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.5	2.8	4.2

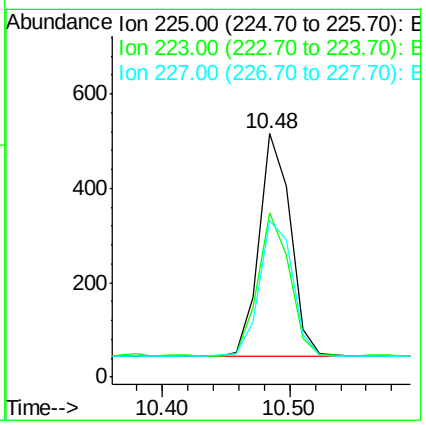


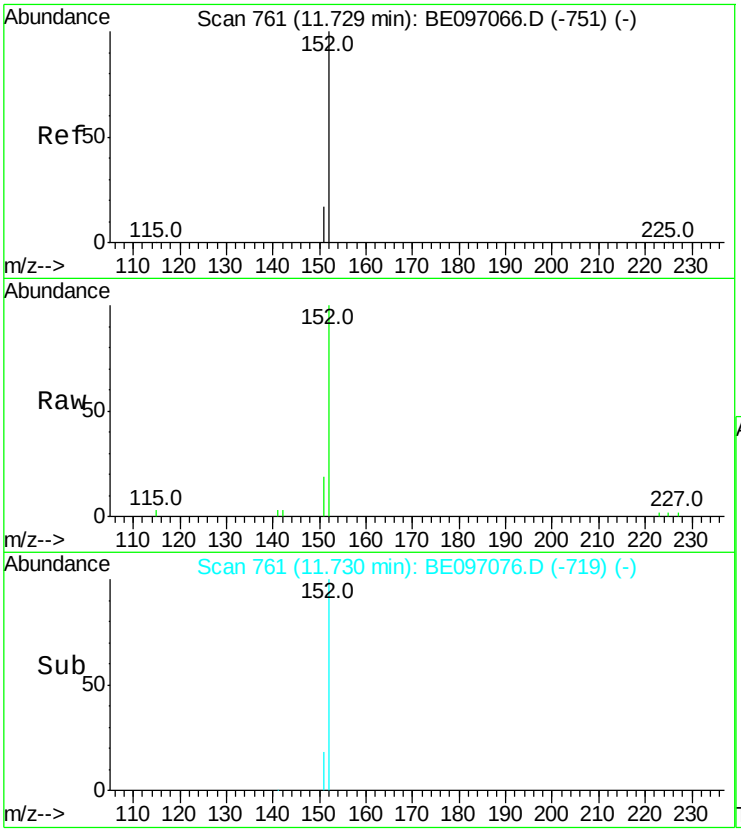


#10
Hexachlorobutadiene
Concen: 0.352 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:225 Resp: 808

Ion	Ratio	Lower	Upper
225	100		
223	64.1	53.0	79.6
227	63.7	51.4	77.2



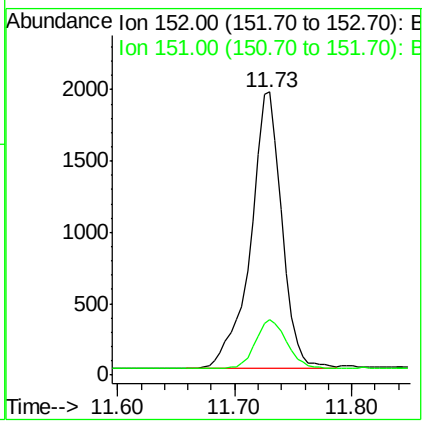


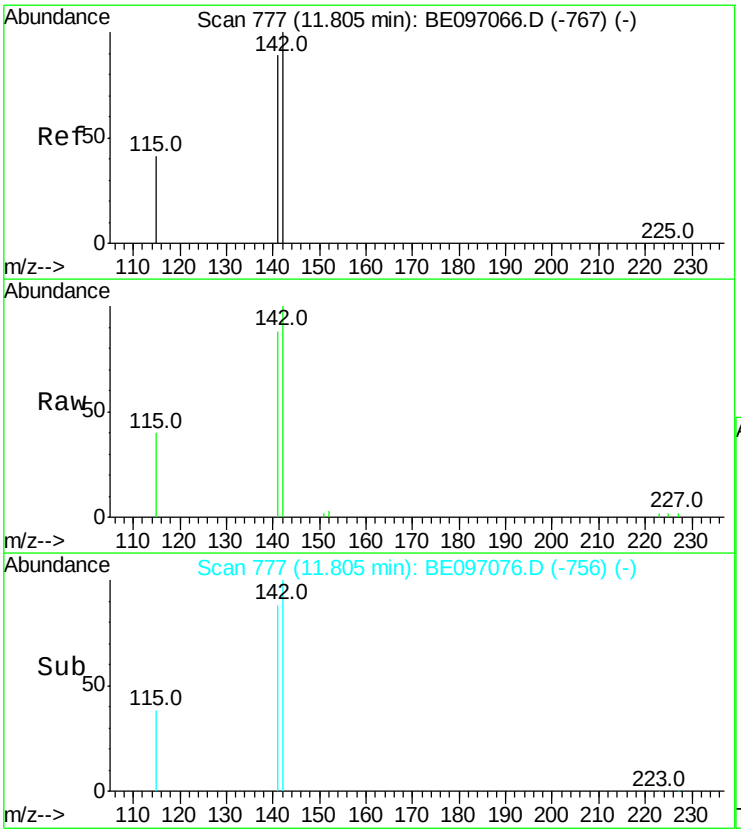
#11
2-Methylnaphthalene-d10
Concen: 0.418 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:152 Resp: 3570

Ion	Ratio	Lower	Upper
152	100		
151	17.3	15.4	23.0

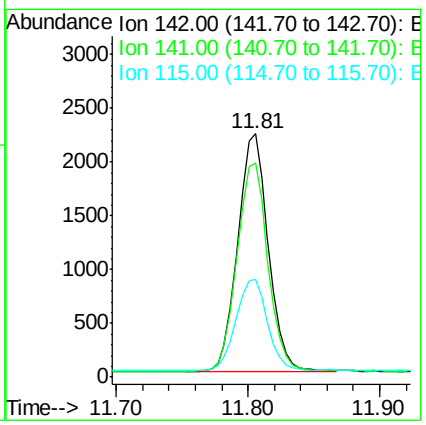


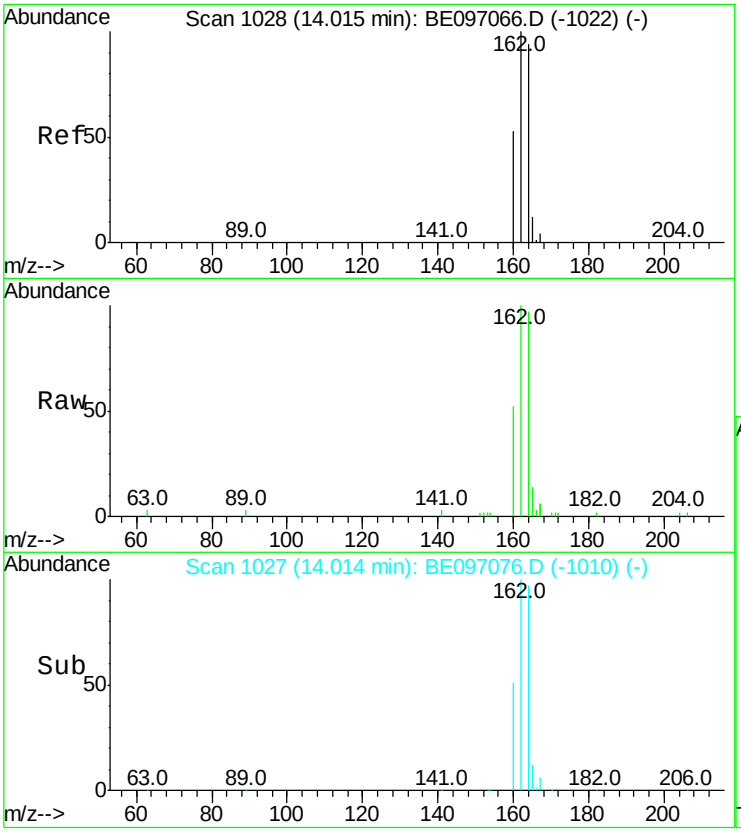


#12
2-Methylnaphthalene
Concen: 0.406 ng
RT: 11.81 min Scan# 777
Delta R.T. 0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:142 Resp: 3573

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	40.4	31.7	47.5



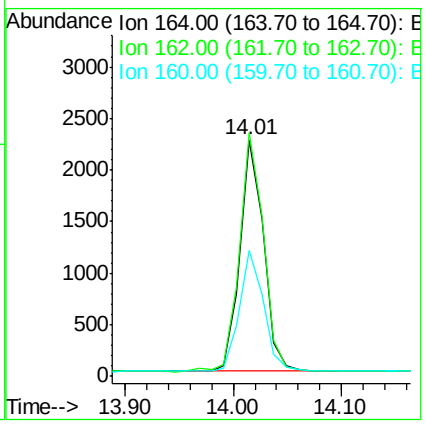


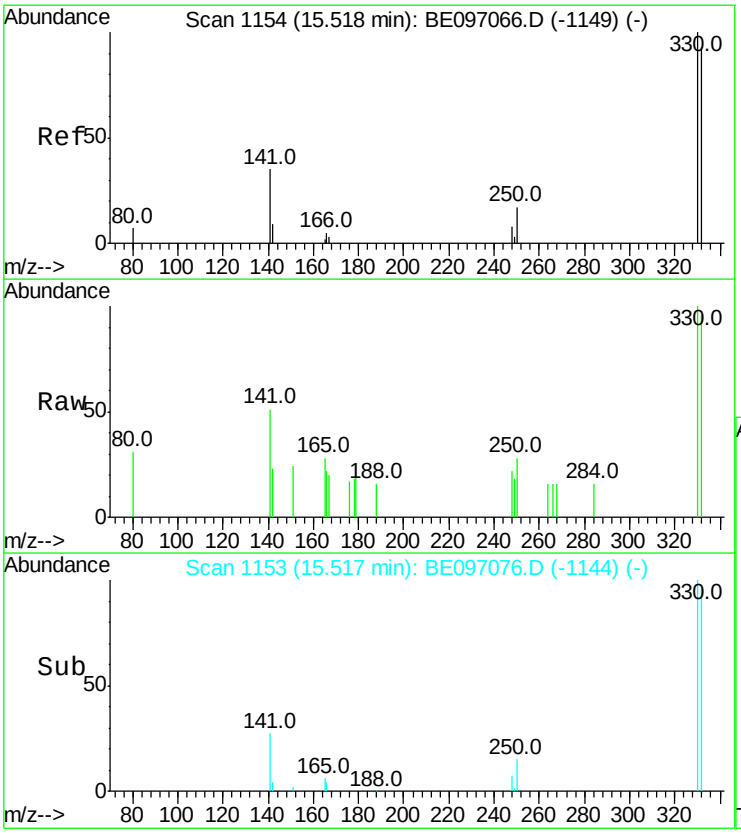
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:164 Resp: 3369

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.1	124.7
160	53.3	37.1	55.7

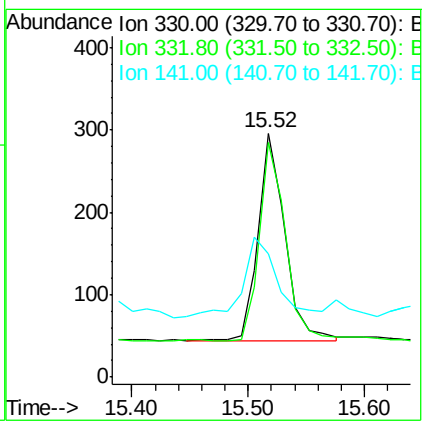


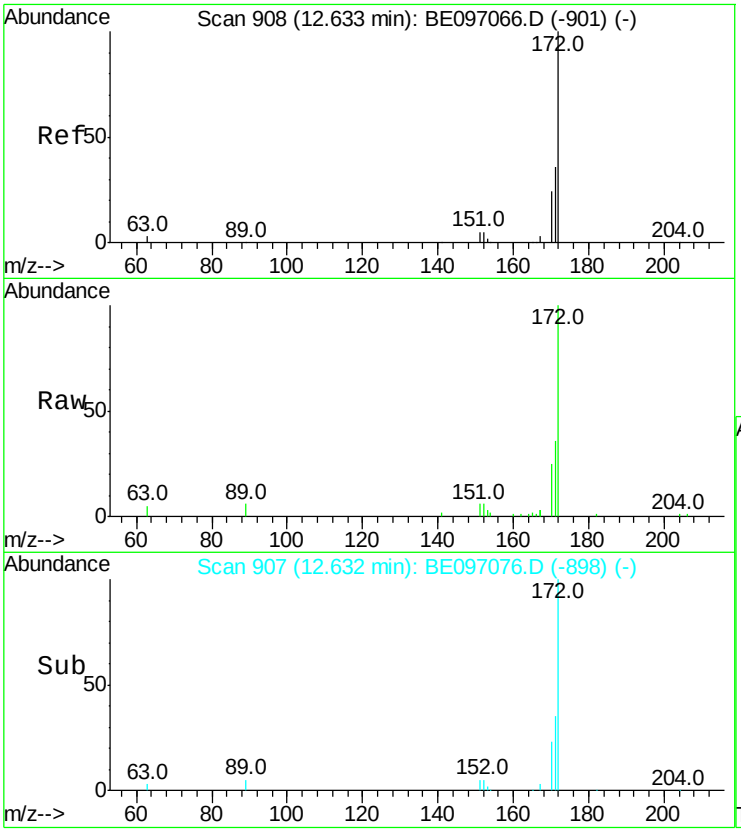


#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:330 Resp: 406

Ion	Ratio	Lower	Upper
330	100		
332	93.3	152.7	229.1#
141	50.0	33.7	50.5



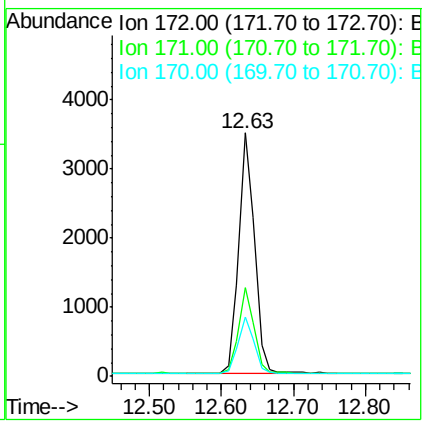


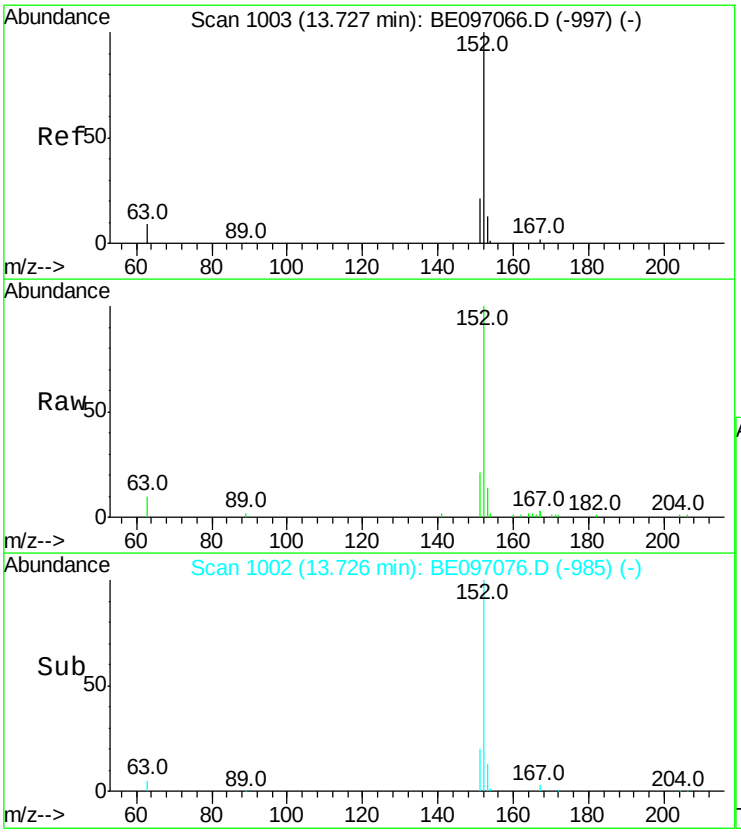
#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:172 Resp: 5301

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	24.5	21.8	32.8

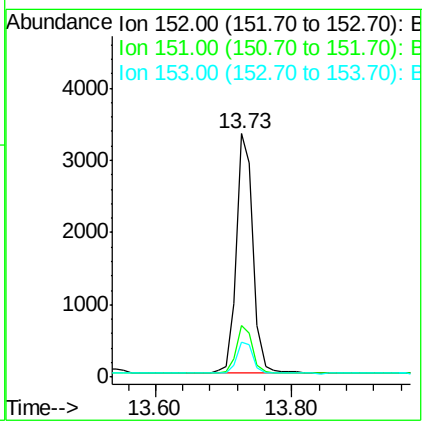


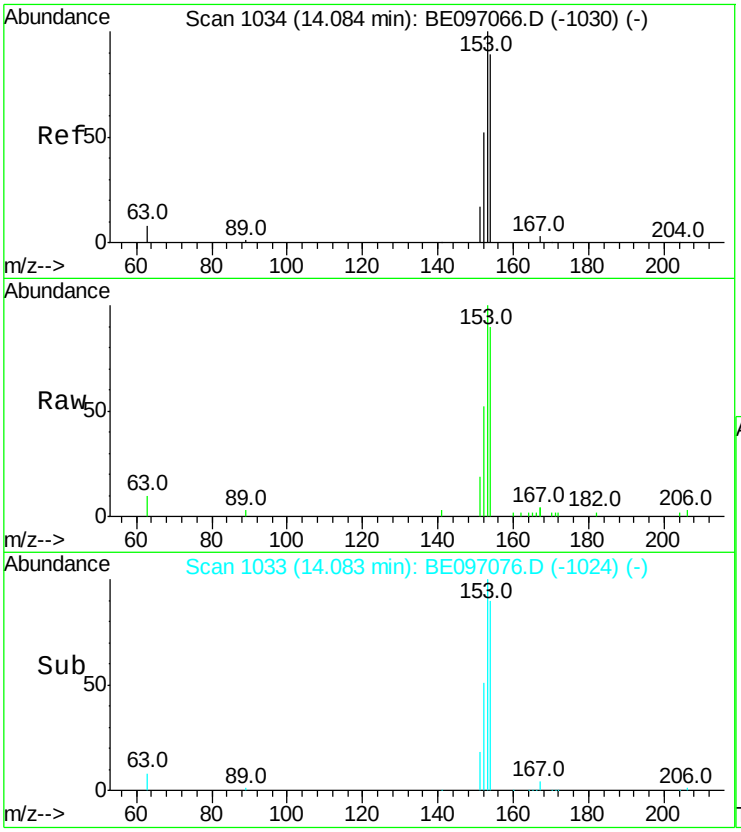


#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:152 Resp: 5698

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.4	10.5	15.7



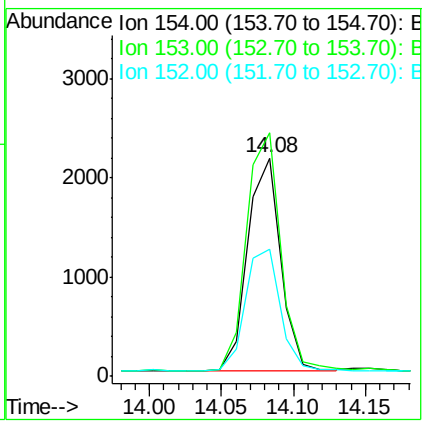


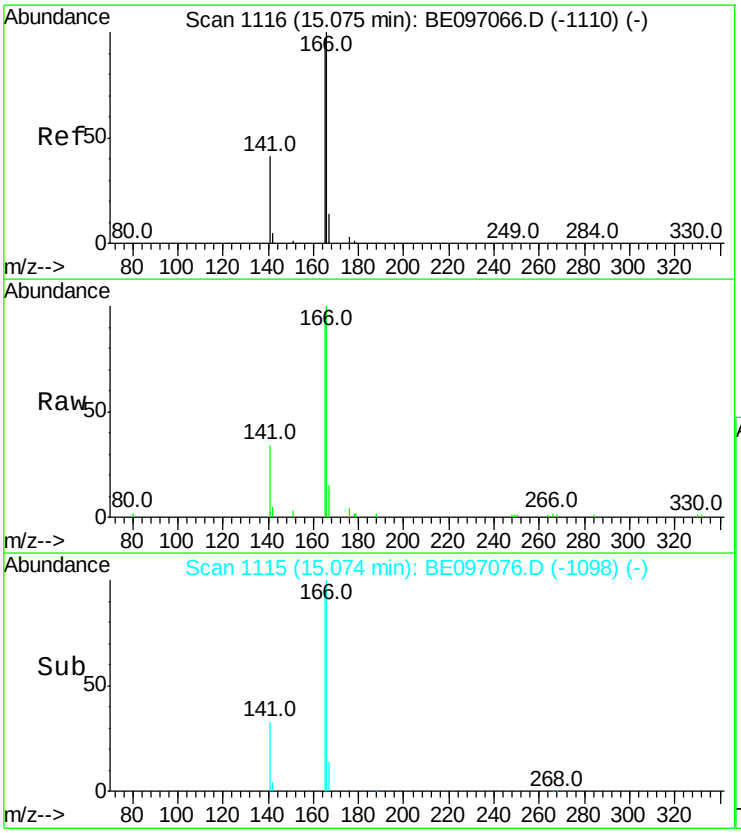
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:154 Resp: 3409

Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.2	133.8
152	60.8	42.0	63.0

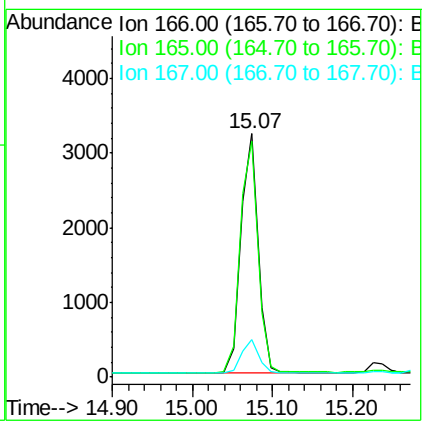


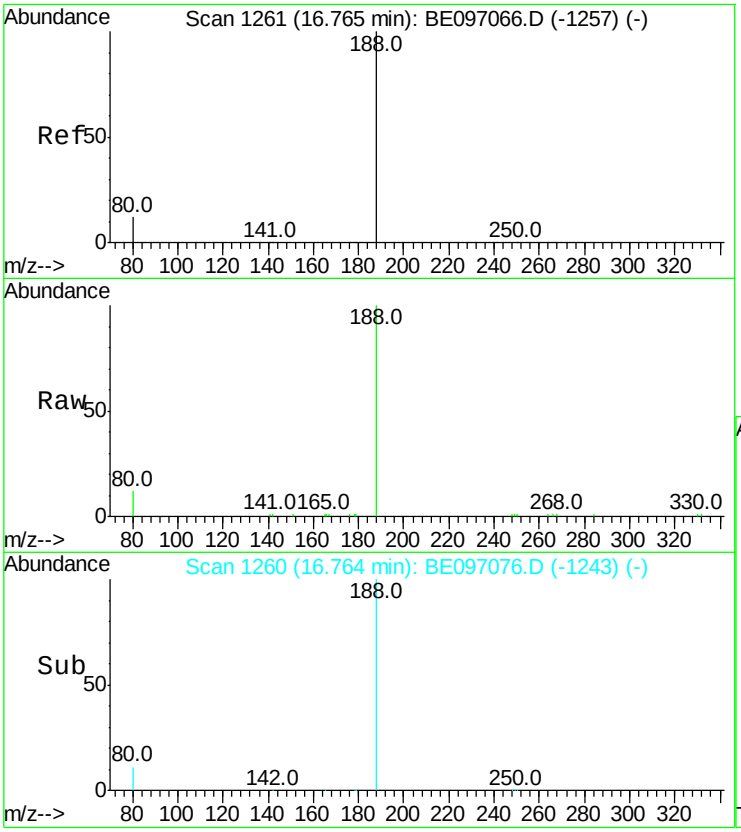


#18
Fluorene
Concen: 0.414 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:166 Resp: 4810

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.6
167	14.1	42.4	63.6#



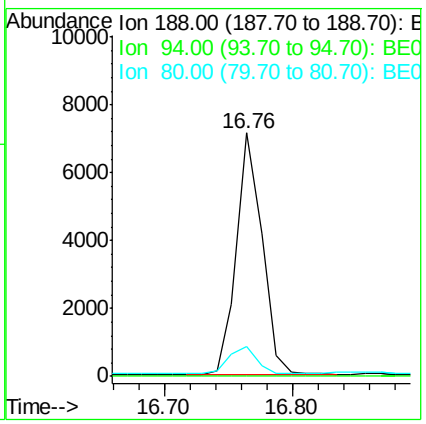


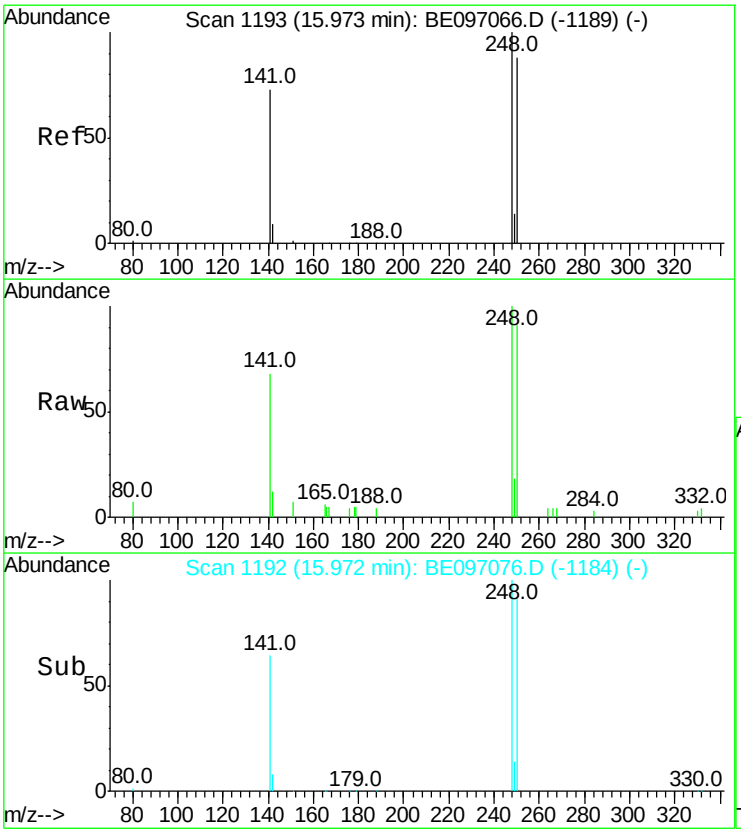
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:188 Resp: 9889

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.1	3.6	5.4#

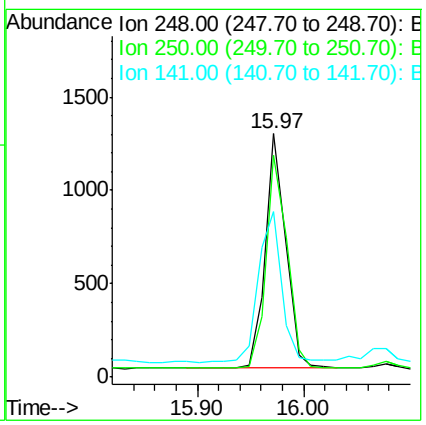


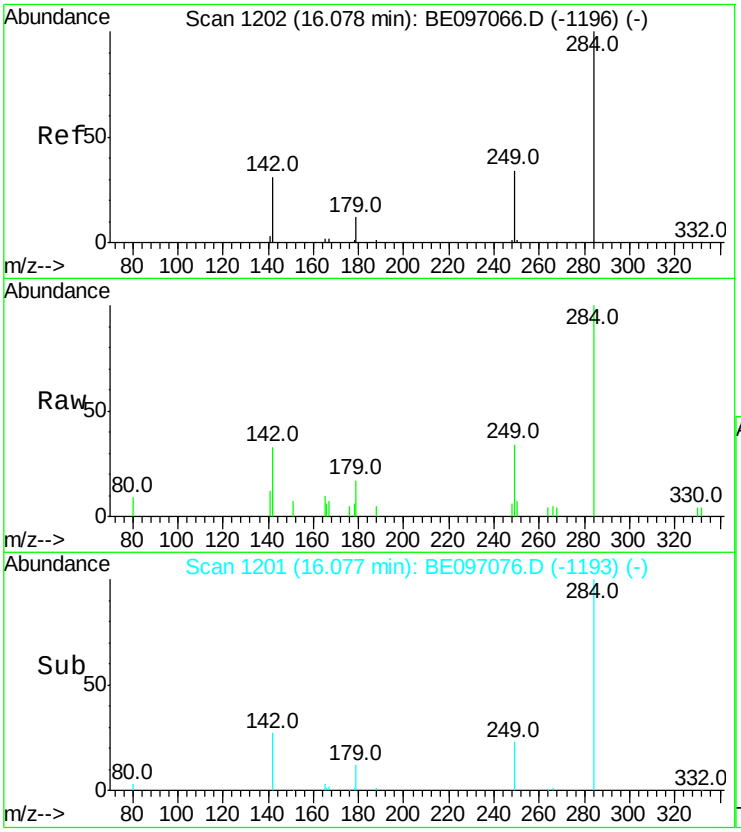


#20
4-Bromophenyl-phenylether
Concen: 0.351 ng
RT: 15.97 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:248 Resp: 1686

Ion	Ratio	Lower	Upper
248	100		
250	91.1	62.7	94.1
141	68.1	48.2	72.2



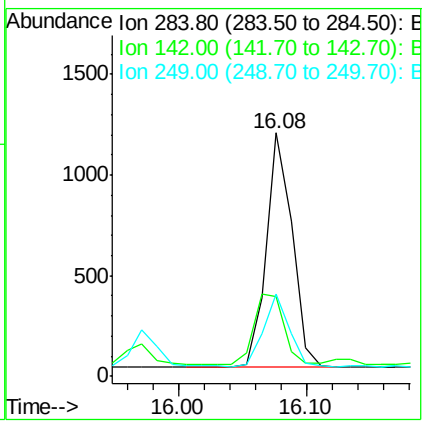


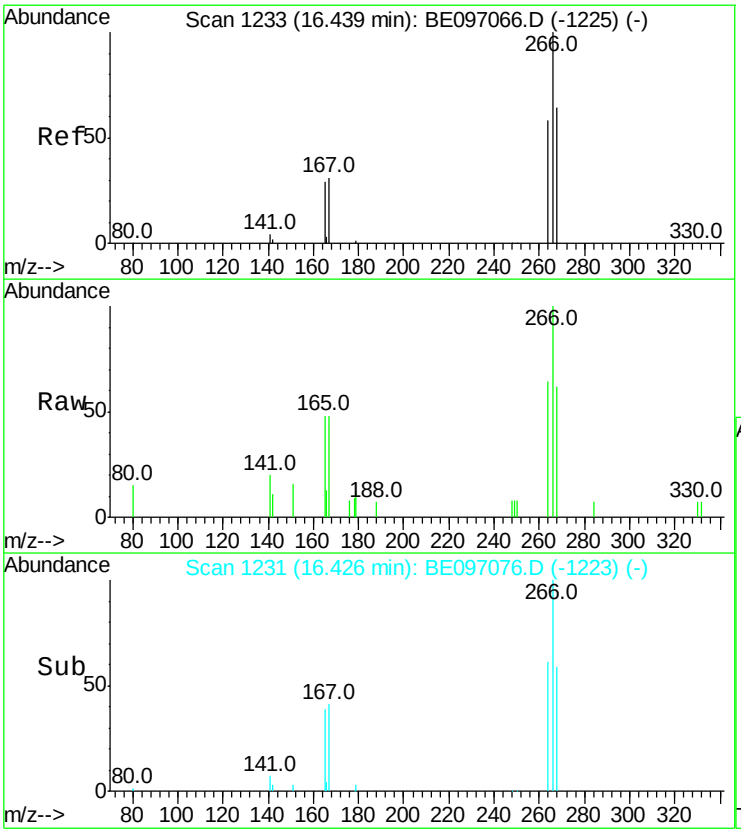
#21
Hexachlorobenzene
Concen: 0.322 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:284 Resp: 1661

Ion	Ratio	Lower	Upper
284	100		
142	35.0	22.1	33.1#
249	30.3	34.8	52.2#

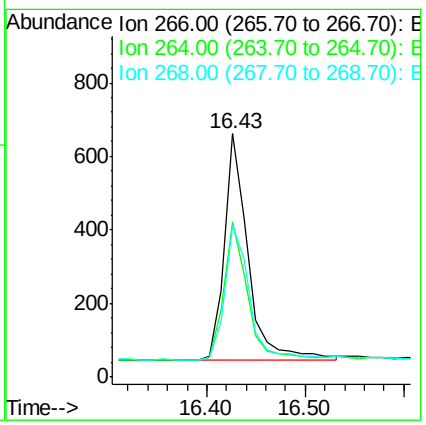


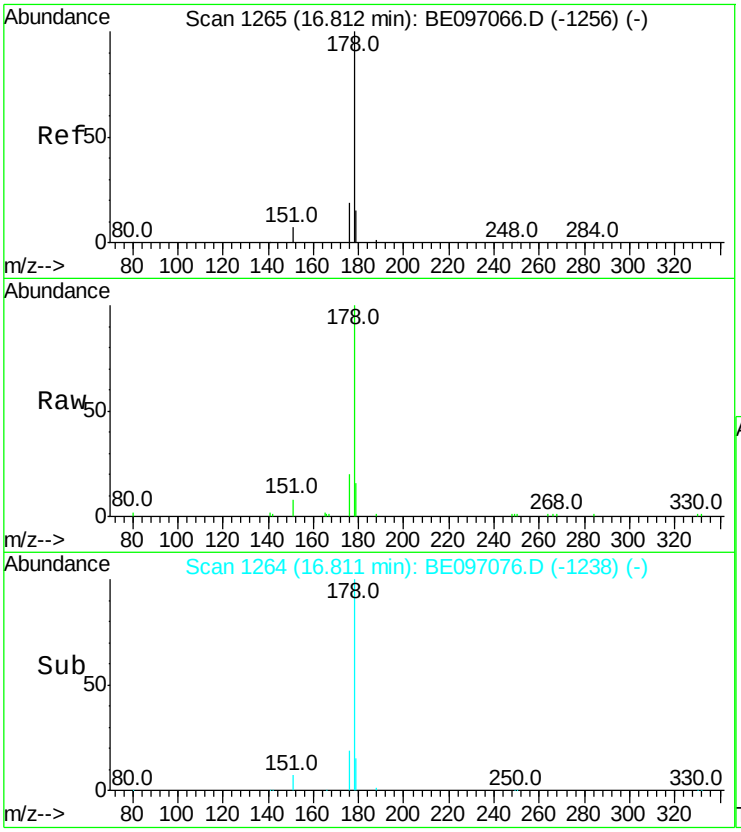


#22
Pentachlorophenol
Concen: 0.758 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:266 Resp: 1024

Ion	Ratio	Lower	Upper
266	100		
264	64.0	72.5	108.7#
268	62.2	73.8	110.6#



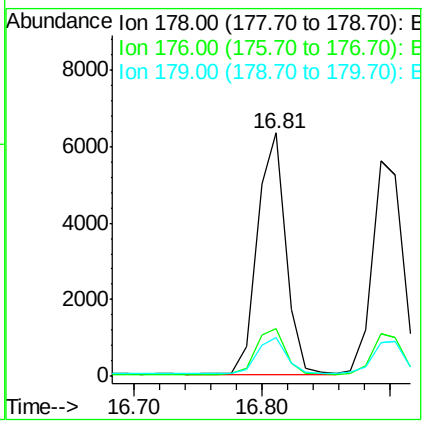


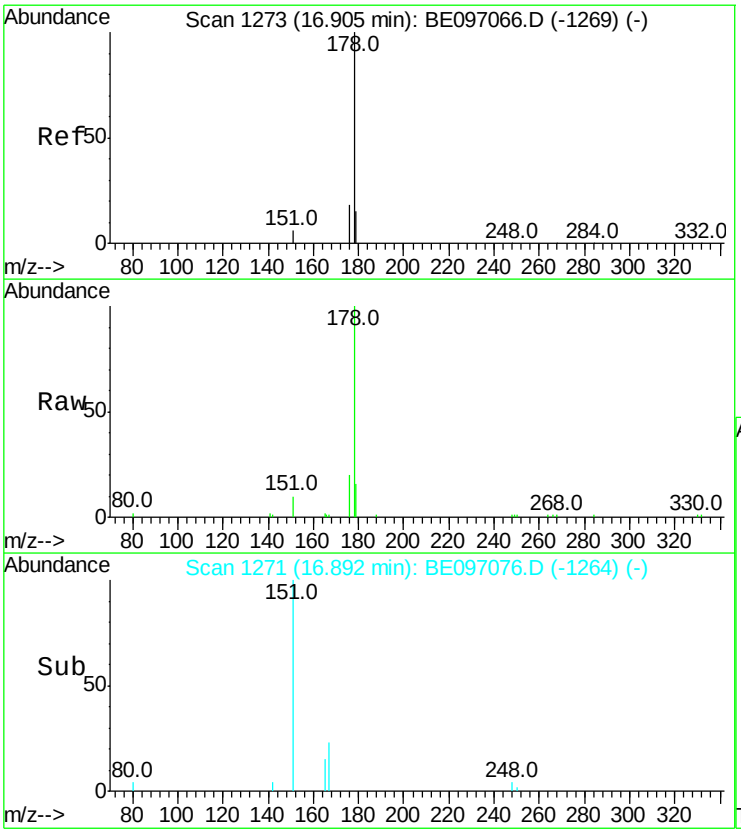
#23
Phenanthrene
Concen: 0.414 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:178 Resp: 9757

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.6	11.8	17.6

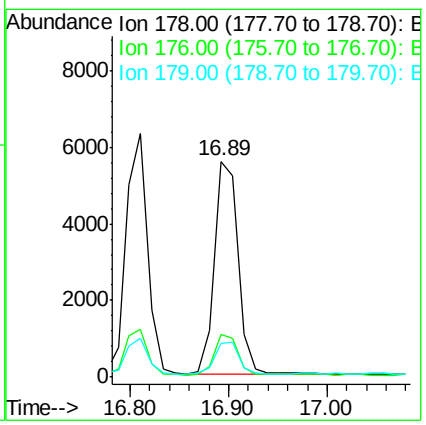


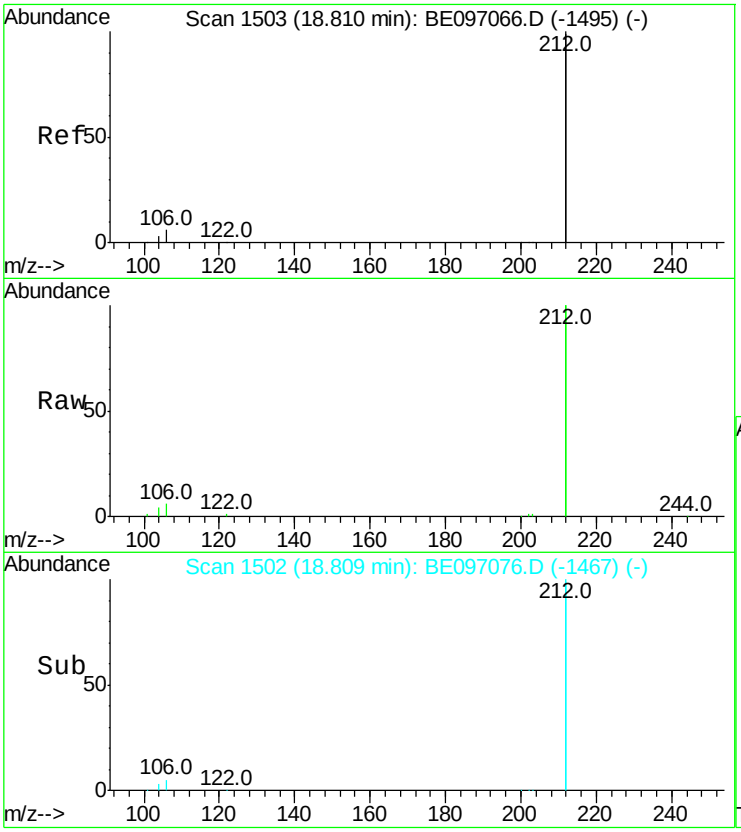


#24
Anthracene
Concen: 0.434 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:178 Resp: 9143

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



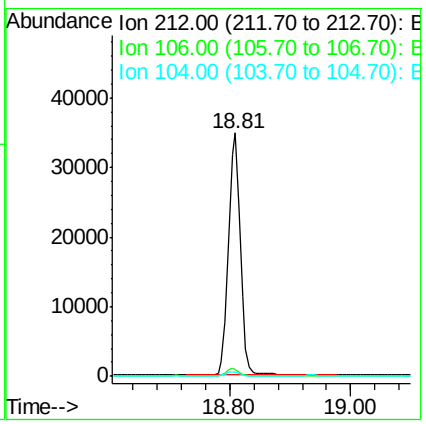


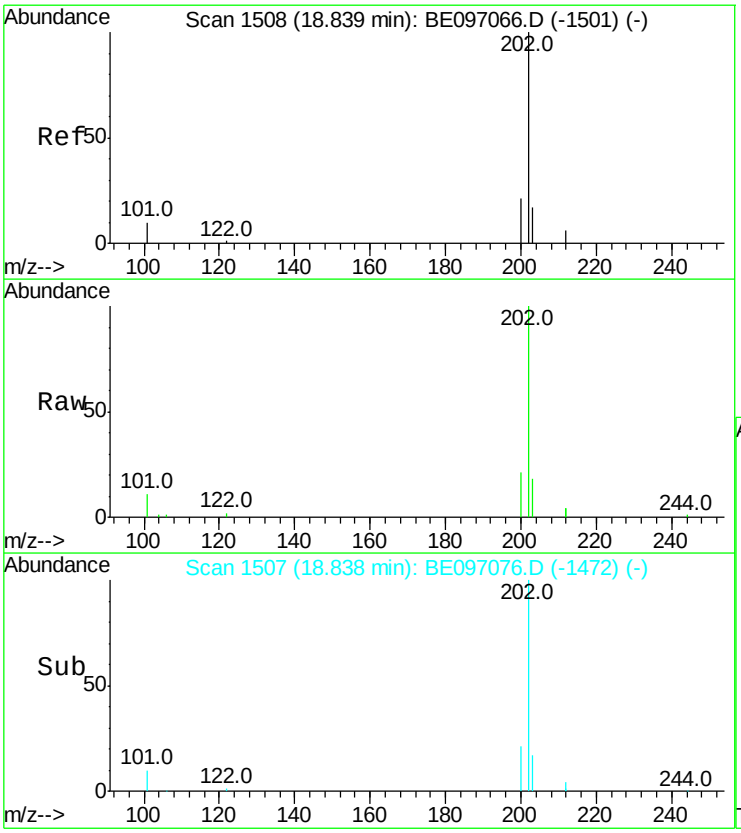
#25
Fluoranthene-d10
Concen: 0.484 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:212 Resp: 47940

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

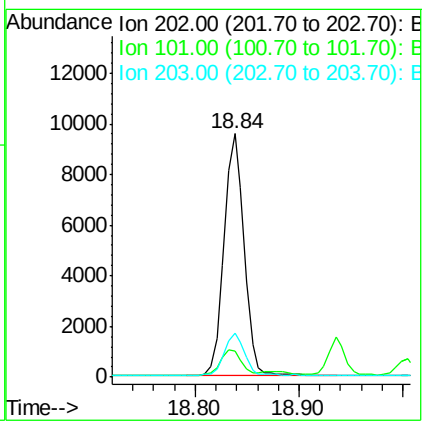


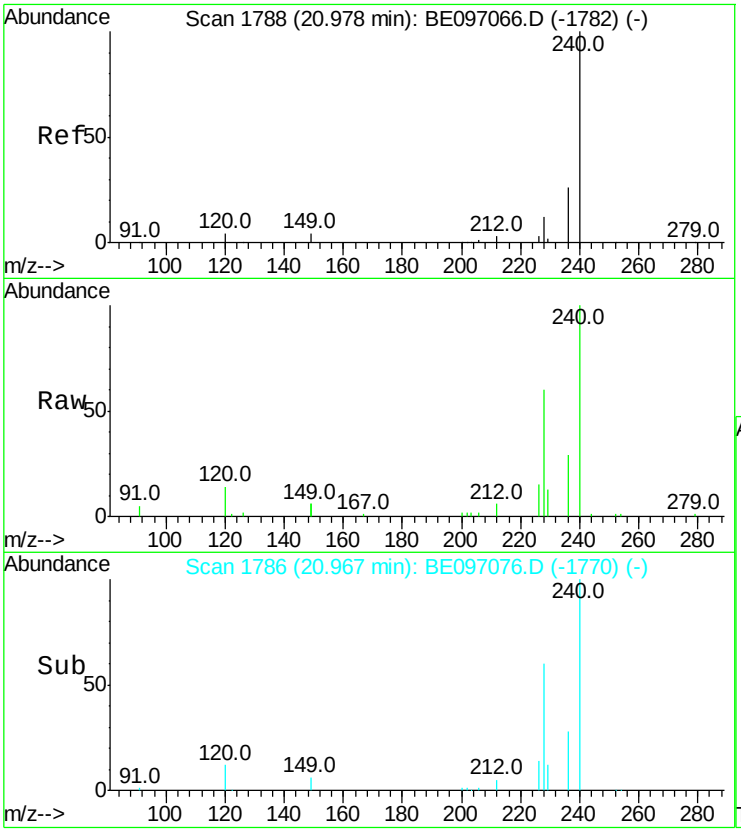


#26
Fluoranthene
Concen: 0.483 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:202 Resp: 12776

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.8
203	17.1	13.7	20.5



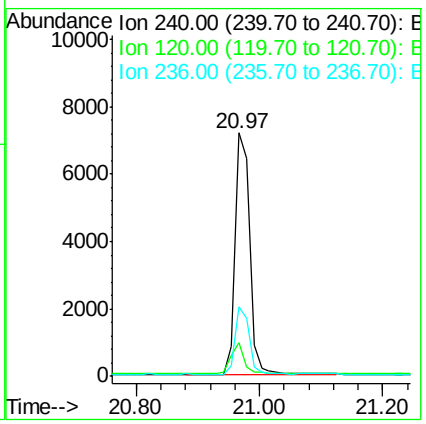


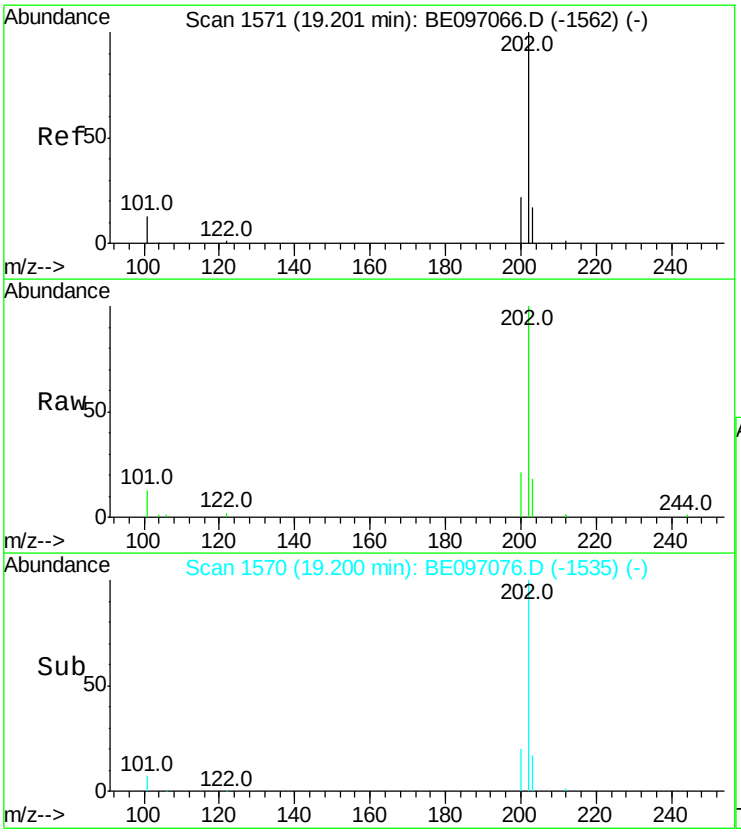
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:240 Resp: 11594

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.5	8.3#
236	28.6	20.7	31.1

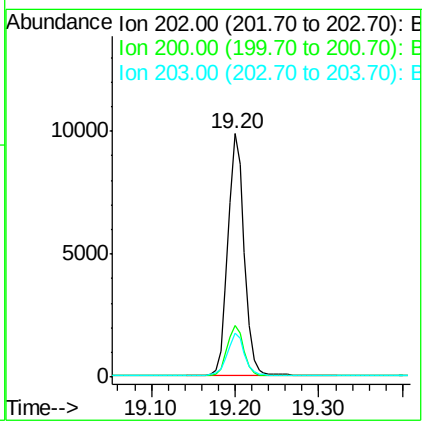


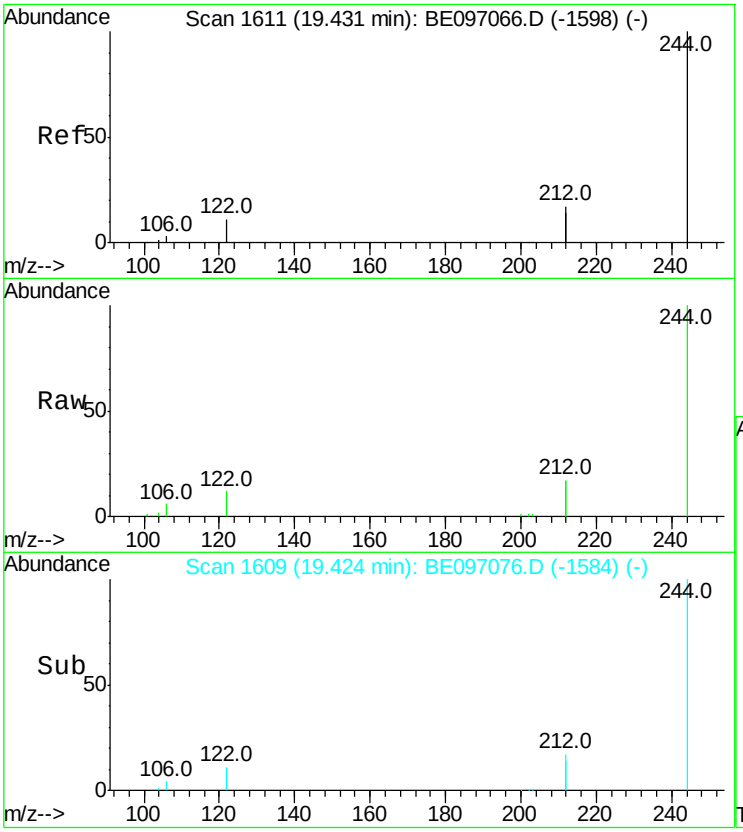


#28
Pyrene
Concen: 0.419 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:202 Resp: 13325

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.0	13.8	20.8



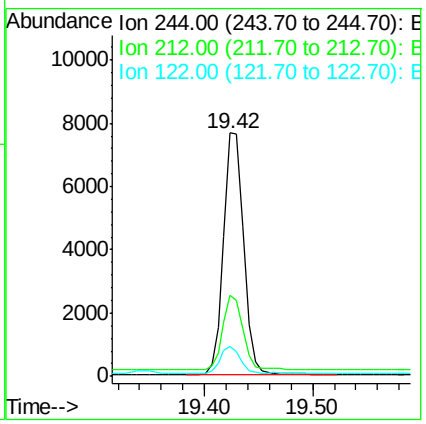


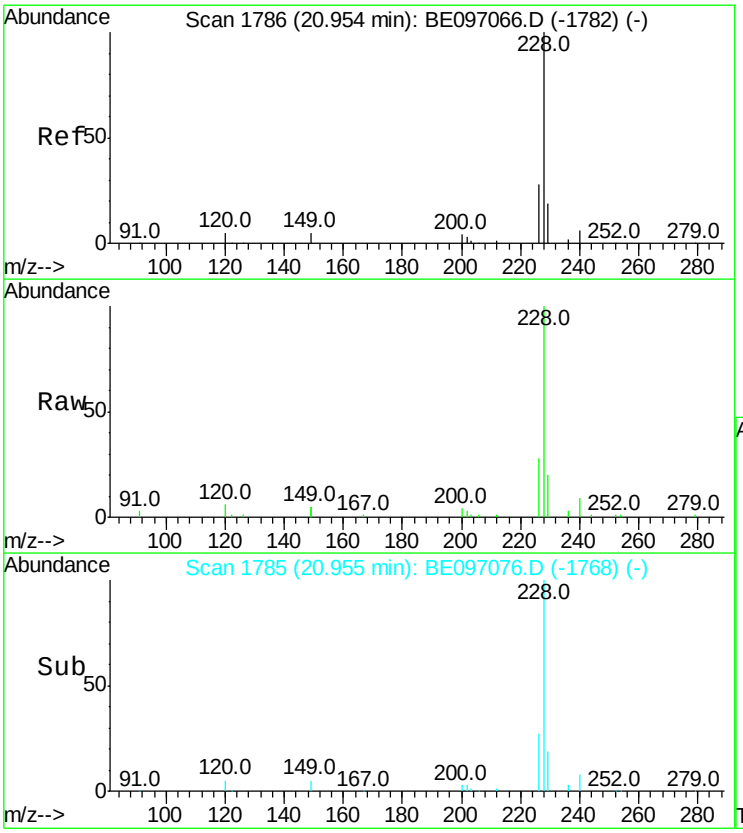
#29
Terphenyl-d14
Concen: 0.445 ng
RT: 19.42 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:244 Resp: 9906

Ion	Ratio	Lower	Upper
244	100		
212	33.1	25.4	38.0
122	12.5	8.1	12.1#

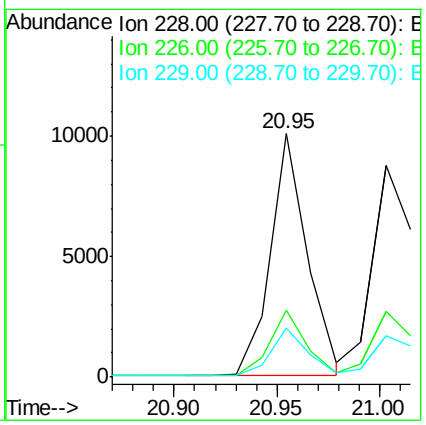


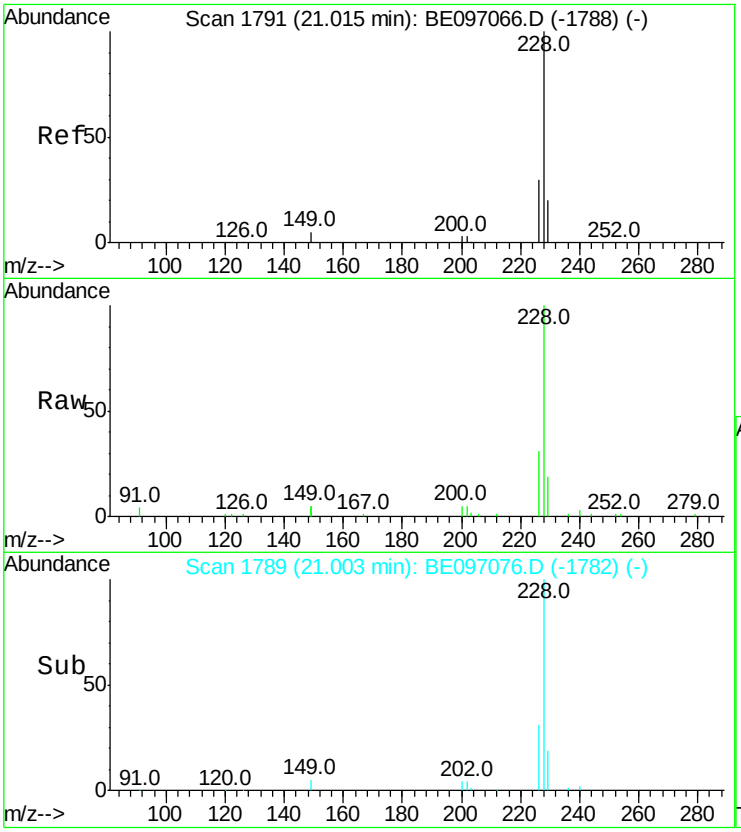


#30
Benzo(a)anthracene
Concen: 0.438 ng
RT: 20.95 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:228 Resp: 12621

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.0	36.0
229	20.0	16.0	24.0



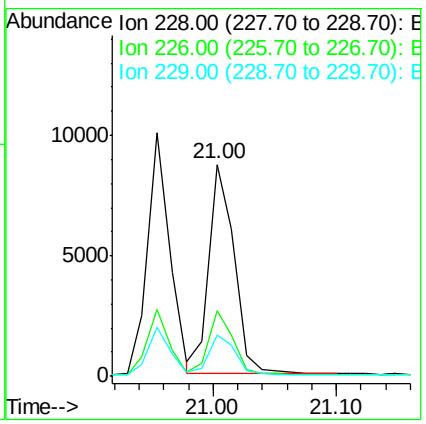


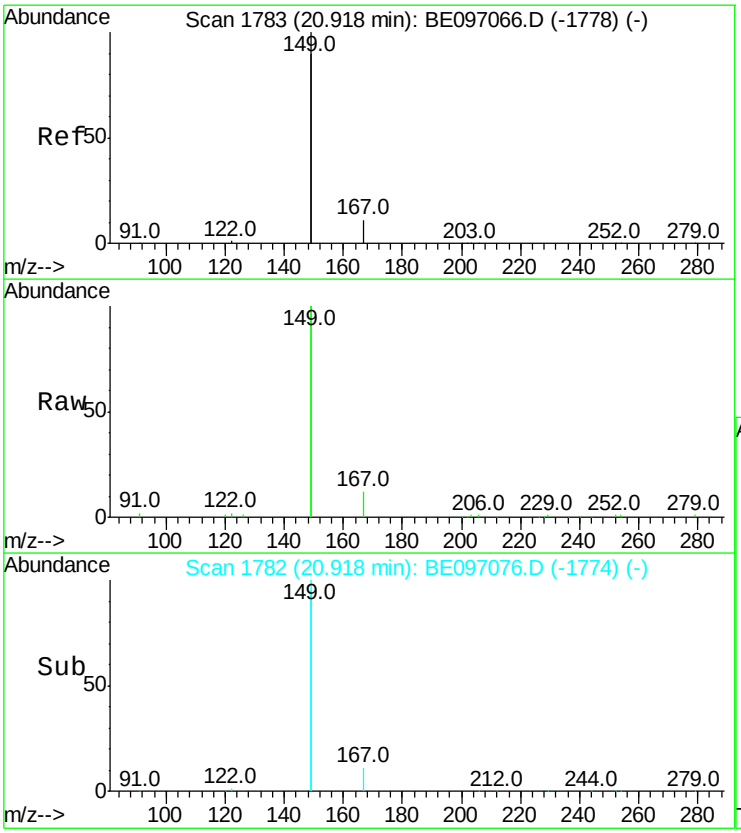
#31
Chrysene
Concen: 0.403 ng
RT: 21.00 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:228 Resp: 12453

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	19.5	16.0	24.0

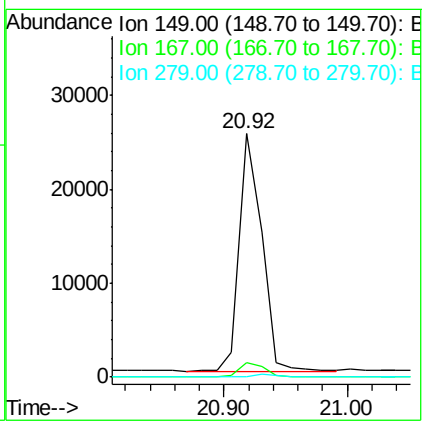


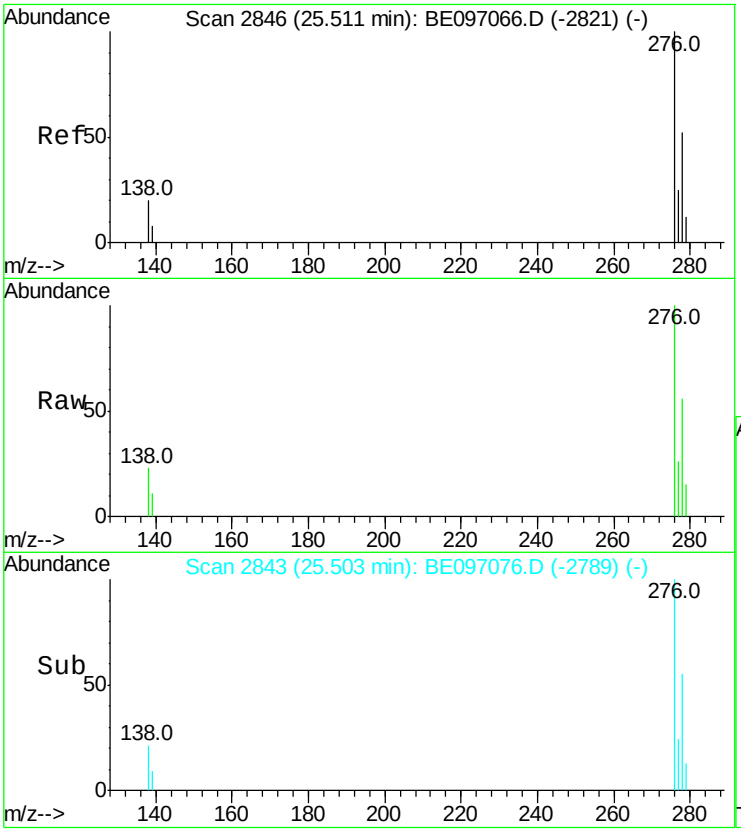


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.962 ng
RT: 20.92 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:149 Resp: 31803

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.9	0.7	1.1



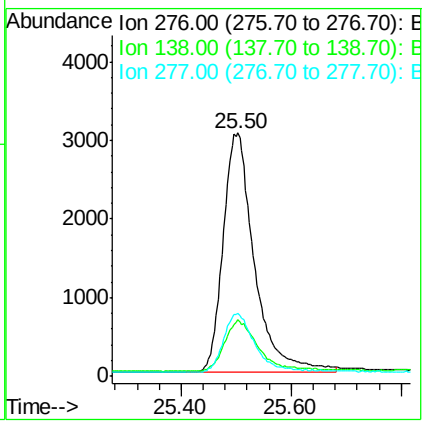


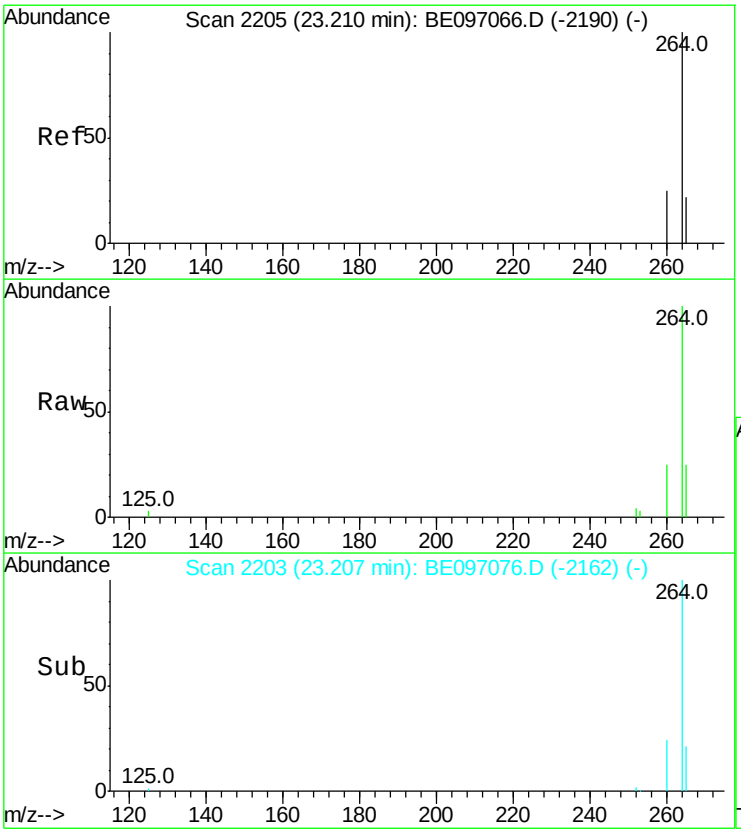
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng
RT: 25.50 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:276 Resp: 12080

Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.5	33.7#
277	24.6	19.9	29.9

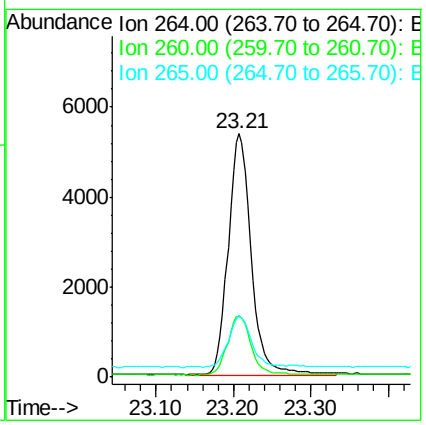


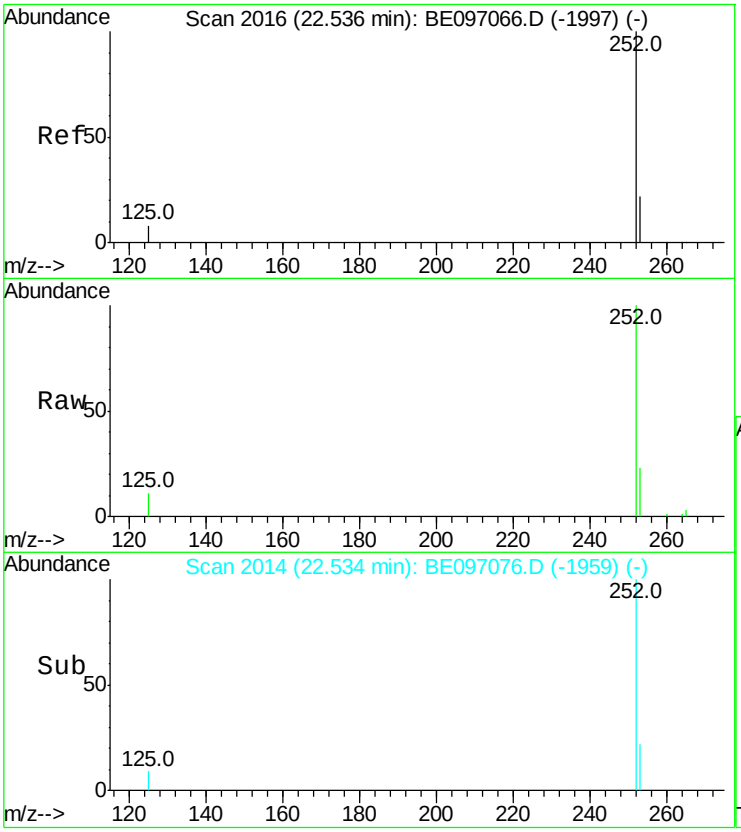


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:264 Resp: 11036

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	25.4	22.8	34.2



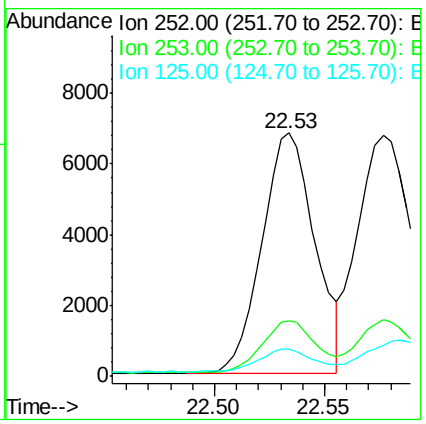


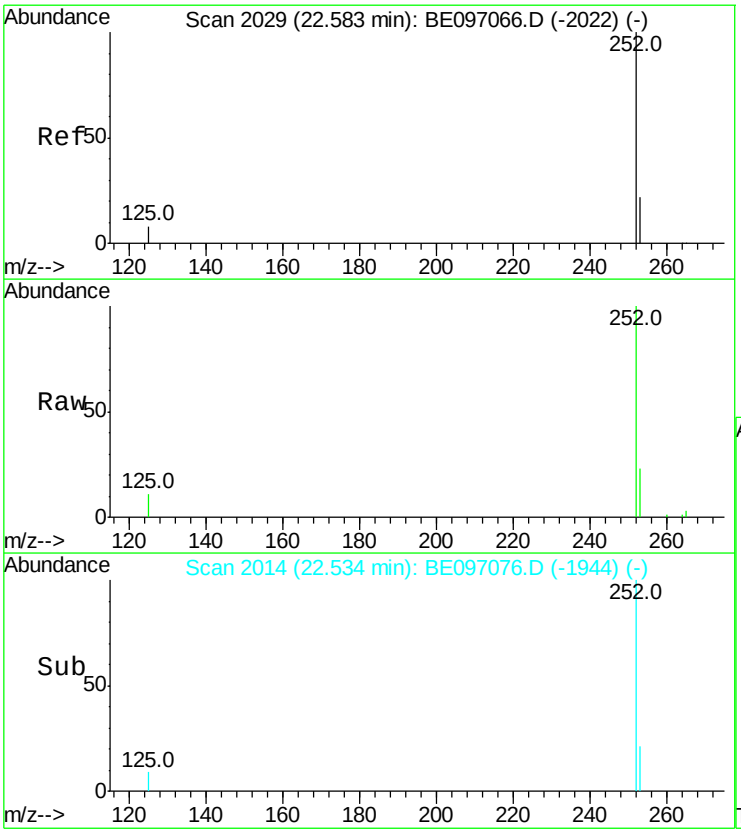
#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:252 Resp: 11398

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.0	30.0
125	11.2	16.0	24.0#

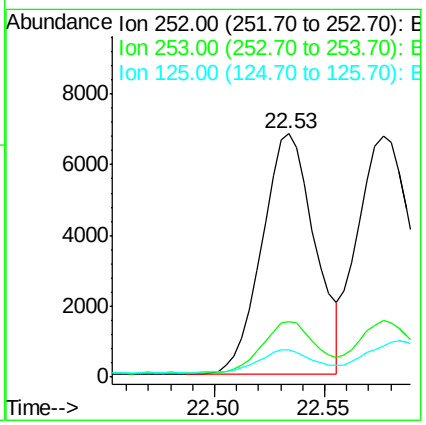


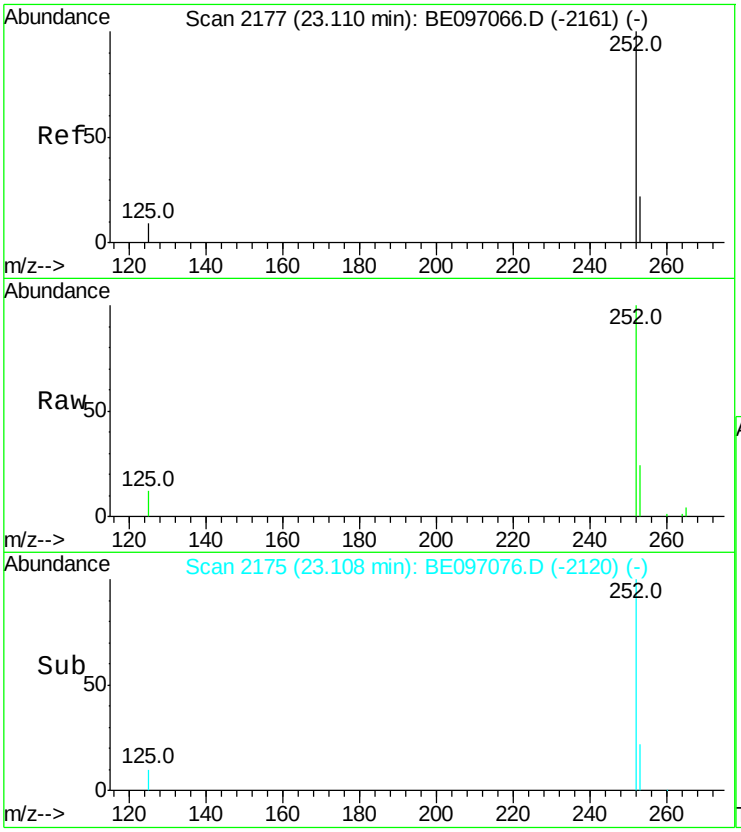


#36
Benzo(k)fluoranthene
Concen: 0.349 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.05 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:252 Resp: 11398

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.0	24.0
125	11.2	8.0	12.0



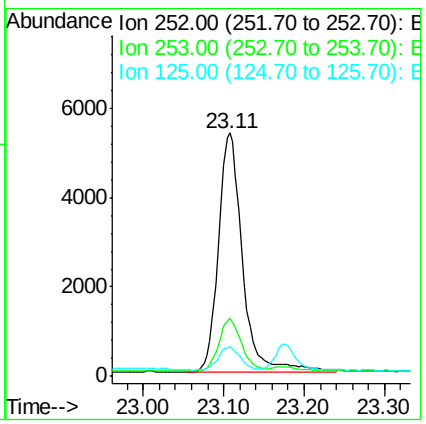


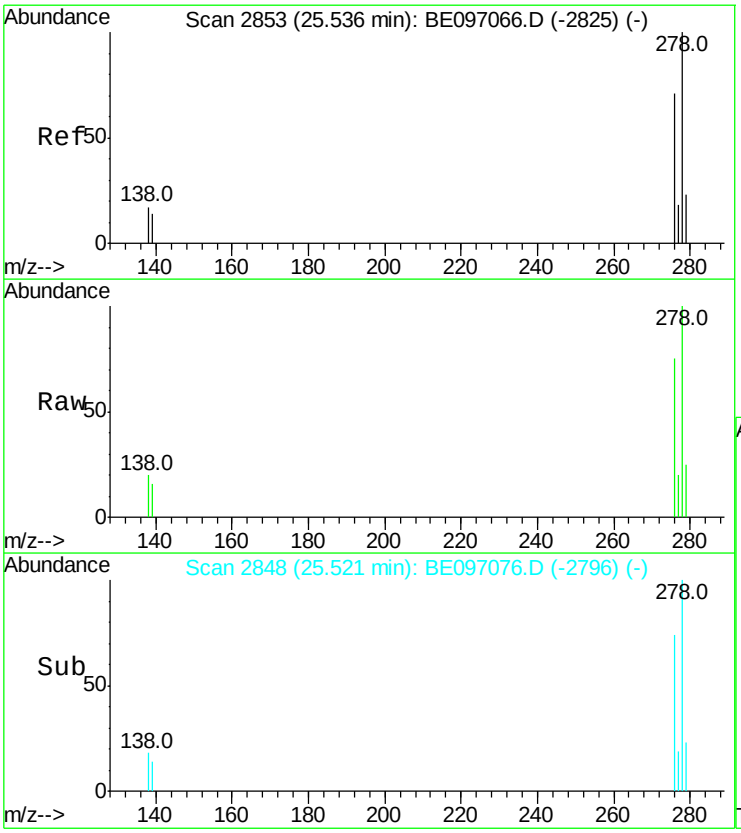
#37
Benzo(a)pyrene
Concen: 0.423 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:252 Resp: 11136

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	12.3	12.0	18.0

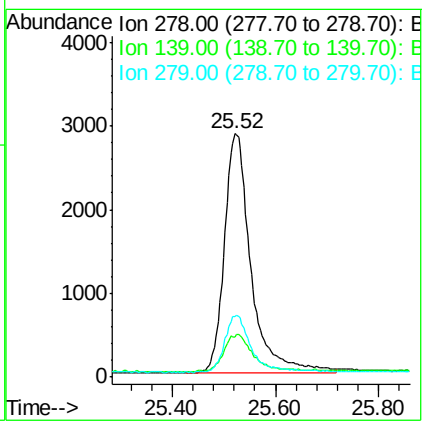


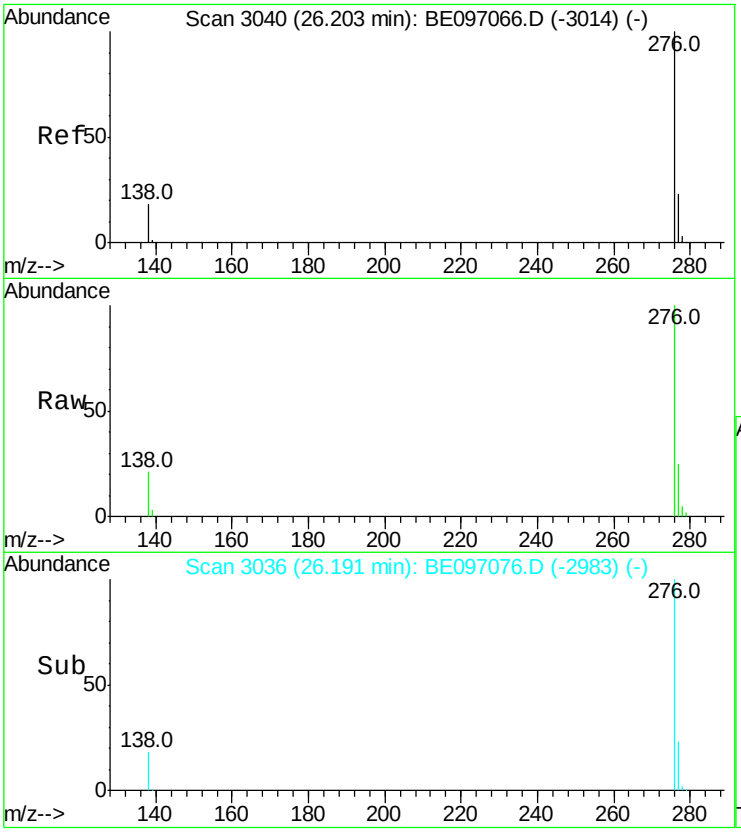


#38
Dibenzo(a,h)anthracene
Concen: 0.390 ng
RT: 25.52 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Tgt Ion:278 Resp: 10258

Ion	Ratio	Lower	Upper
278	100		
139	16.2	16.0	24.0
279	24.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 26.19 min Scan# 3036
Delta R.T. -0.01 min
Lab File: BE097076.D
Acq: 24 Jul 2018 17:48

Instrument :
BNA_E
ClientSampleId :
RE123D3-071818MS

Tgt Ion:276 Resp: 10486

Ion	Ratio	Lower	Upper
276	100		
277	24.5	16.0	24.0#
138	20.6	20.0	30.0