Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
Data File : BE097976.D
Acq On : 18 Oct 2018 14:19
Operator : SJ/JU
Sample : J5317-15MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 19 01:07:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2233	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	10023	0.40	ng		-0.01
13) Acenaphthene-d10	14.54	164	7012	0.40	ng		-0.02
19) Phenanthrene-d10	17.29	188	20246	0.40	ng		-0.01
27) Chrysene-d12	21.47	240	23221	0.40	ng		-0.01
34) Perylene-d12	24.03	264	22854	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1325	0.19	ng		-0.01
5) Phenol-d6	7.04	99	1229	0.12	ng		-0.01
8) Nitrobenzene-d5	9.03	82	3553	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	12.28	152	8131	0.49	ng		-0.02
14) 2,4,6-Tribromophenol	16.03	330	1501	0.40	ng		-0.01
15) 2-Fluorobiphenyl	13.16	172	10523	0.37	ng		-0.02
25) Fluoranthene-d10	19.33	212	103849	0.38	ng		0.00
29) Terphenyl-d14	19.92	244	20300	0.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	11855	3.045	ng		93
3) n-Nitrosodimethylamine	3.69	42	796	0.183	ng	#	96
6) bis(2-Chloroethyl)ether	7.30	93	3160	0.357	ng		96
9) Naphthalene	10.73	128	42226	0.423	ng		100
10) Hexachlorobutadiene	11.02	225	1817	0.338	ng		95
12) 2-Methylnaphthalene	12.35	142	7669	0.449	ng		98
16) Acenaphthylene	14.27	152	13078	0.404	ng		100
17) Acenaphthene	14.61	154	7829	0.395	ng		99
18) Fluorene	15.59	166	11629	0.427	ng		99
20) 4-Bromophenyl-phenylether	16.48	248	4267	0.386	ng	#	91
21) Hexachlorobenzene	16.60	284	4081	0.375	ng		99
22) Pentachlorophenol	16.95	266	1977	0.680	ng		97
23) Phenanthrene	17.33	178	21362	0.415	ng		100
24) Anthracene	17.42	178	20320	0.418	ng		100
26) Fluoranthene	19.35	202	27280	0.404	ng		98
28) Pyrene	19.71	202	27869	0.416	ng		99
30) Benzo(a)anthracene	21.45	228	30109	0.423	ng		98
31) Chrysene	21.51	228	27997	0.415	ng		98
32) Bis(2-ethylhexyl)phthalate	21.38	149	77821	0.497	ng		100
33) Indeno(1,2,3-cd)pyrene	26.72	276	28292	0.372	ng		99
35) Benzo(b)fluoranthene	23.24	252	27386	0.416	ng	#	91
36) Benzo(k)fluoranthene	23.30	252	27065	0.395	ng	#	92
37) Benzo(a)pyrene	23.91	252	23861	0.372	ng	#	92
38) Dibenzo(a,h)anthracene	26.75	278	23877	0.380	ng	#	94
39) Benzo(g,h,i)perylene	27.55	276	20243	0.315	ng		95

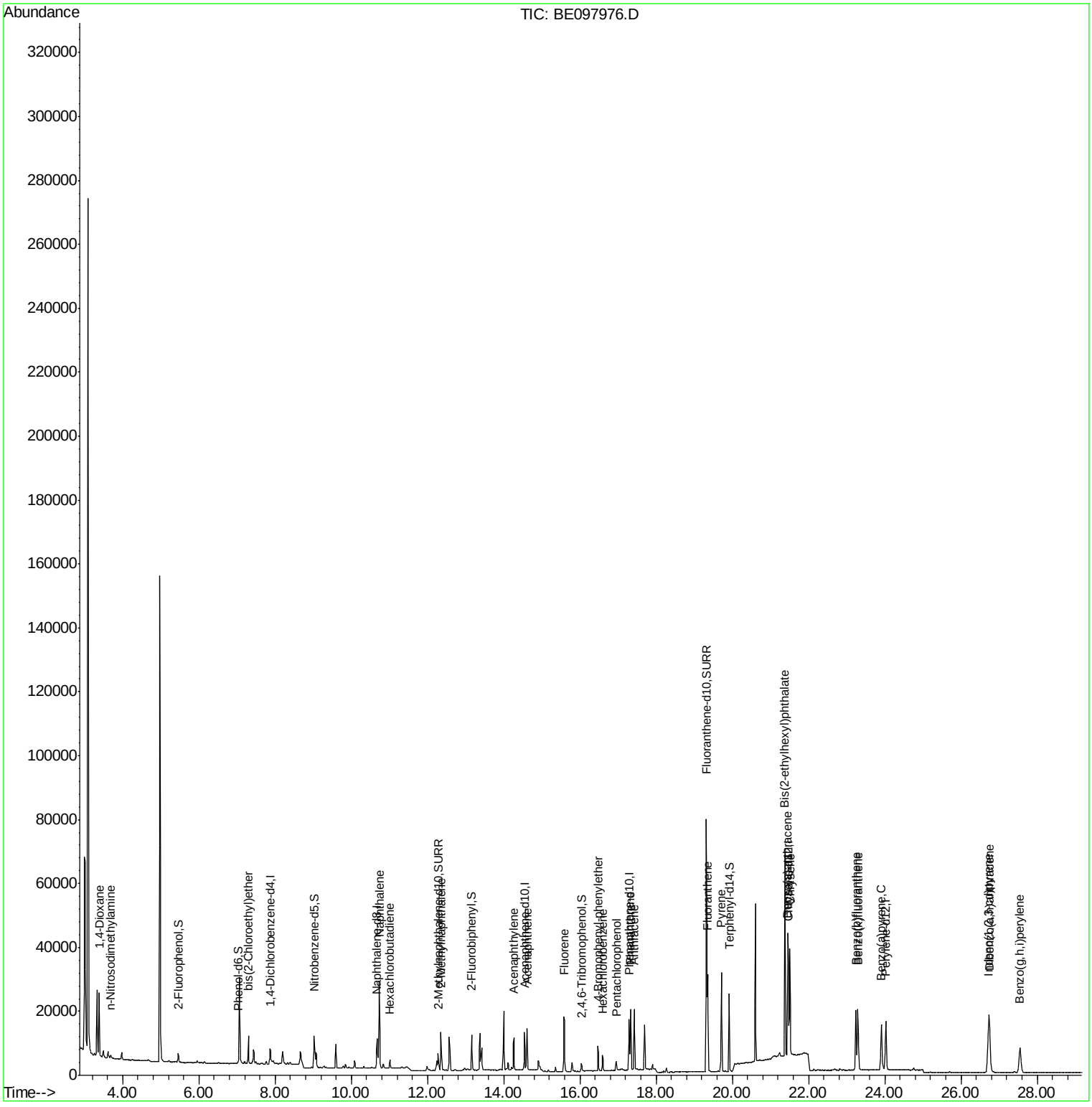
(#) = qualifier out of range (m) = manual integration (+) = signals summed

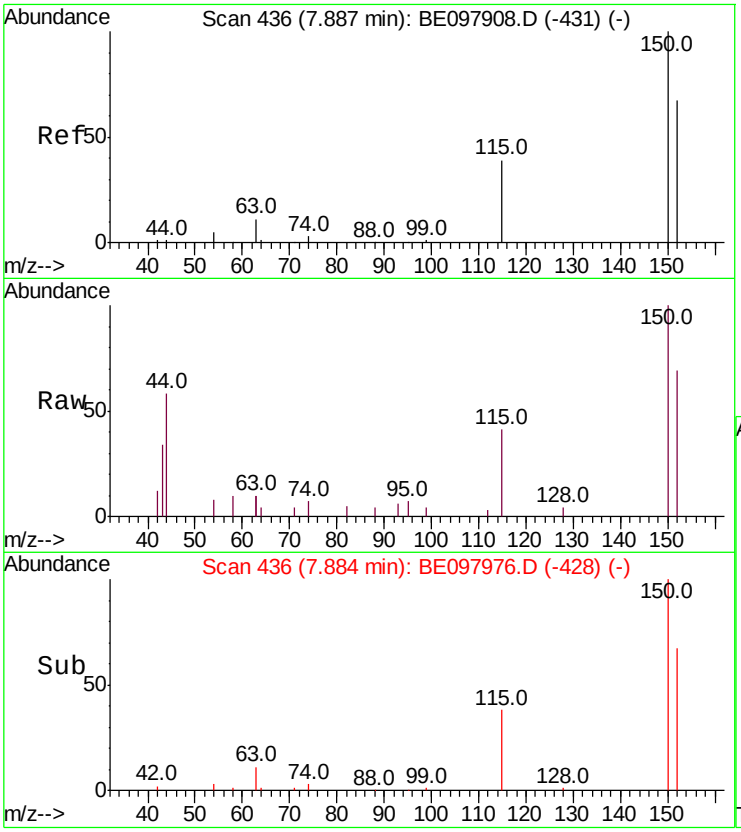
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
Data File : BE097976.D
Acq On : 18 Oct 2018 14:19
Operator : SJ/JU
Sample : J5317-15MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 19 01:07:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration



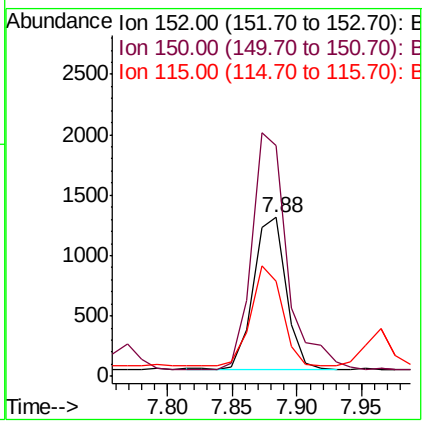


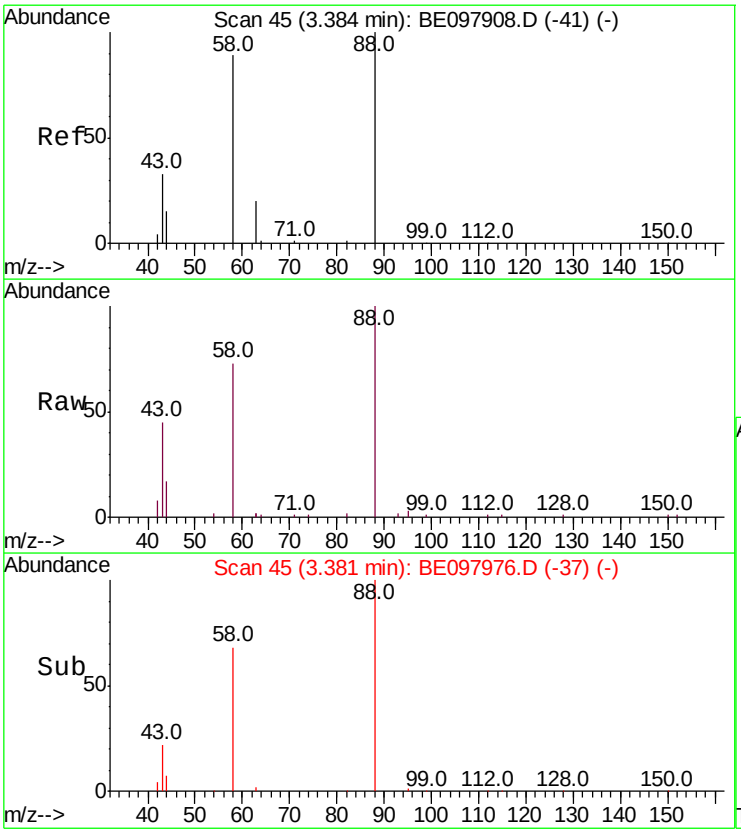
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2233

Ion	Ratio	Lower	Upper
152	100		
150	145.8	118.2	177.4
115	60.3	50.9	76.3

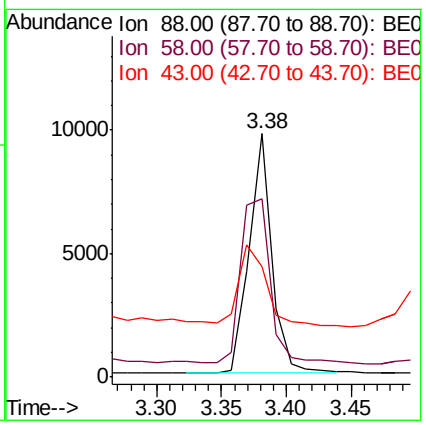


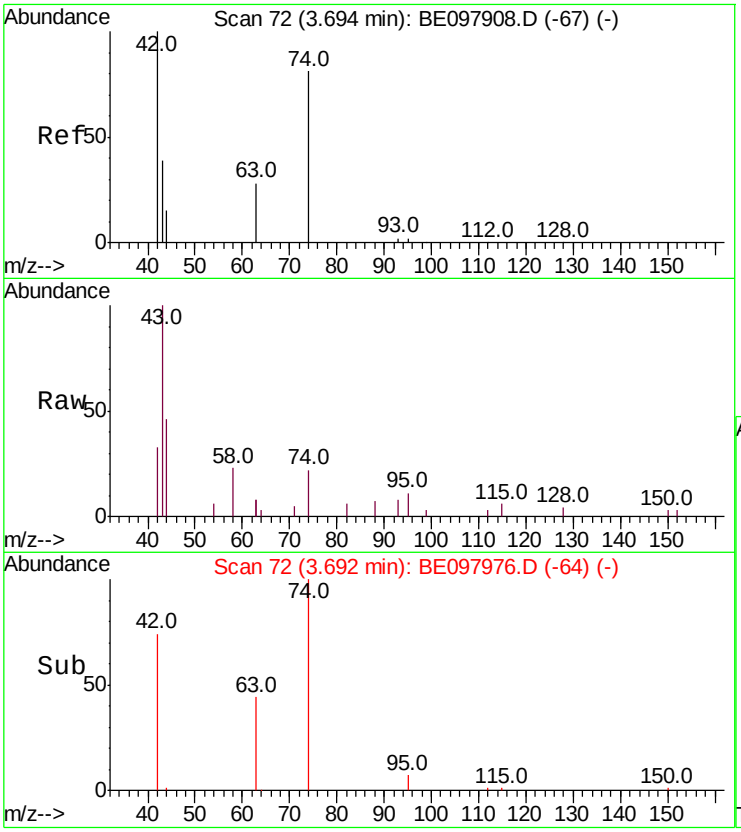


#2
1,4-Dioxane
Concen: 3.045 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion: 88 Resp: 11855

Ion	Ratio	Lower	Upper
88	100		
58	86.4	73.2	109.8
43	39.3	36.9	55.3



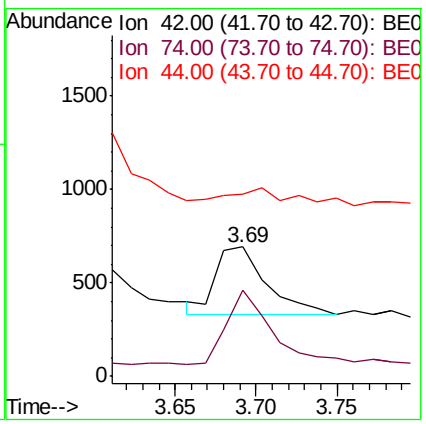


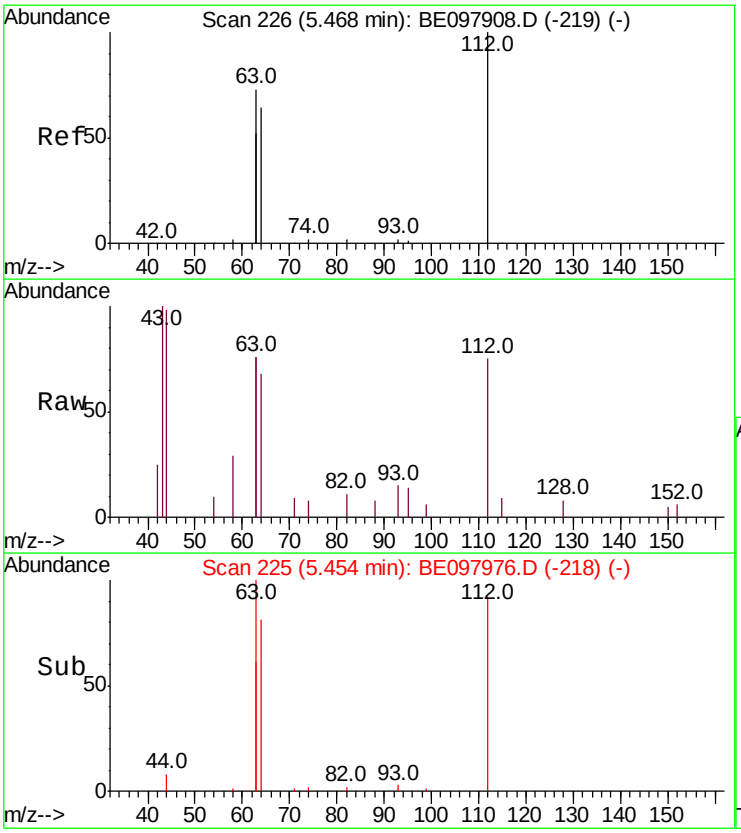
#3
n-Nitrosodimethylamine
Concen: 0.183 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 796

Ion	Ratio	Lower	Upper
42	100		
74	94.0	77.6	116.4
44	15.1	7.6	11.4#

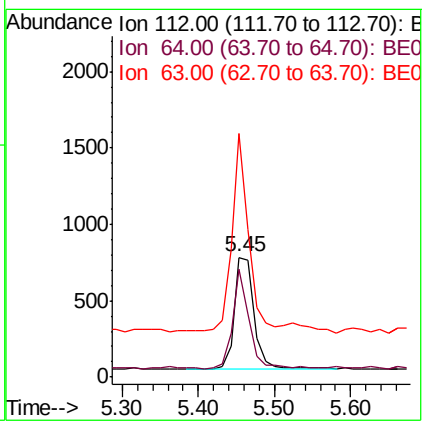


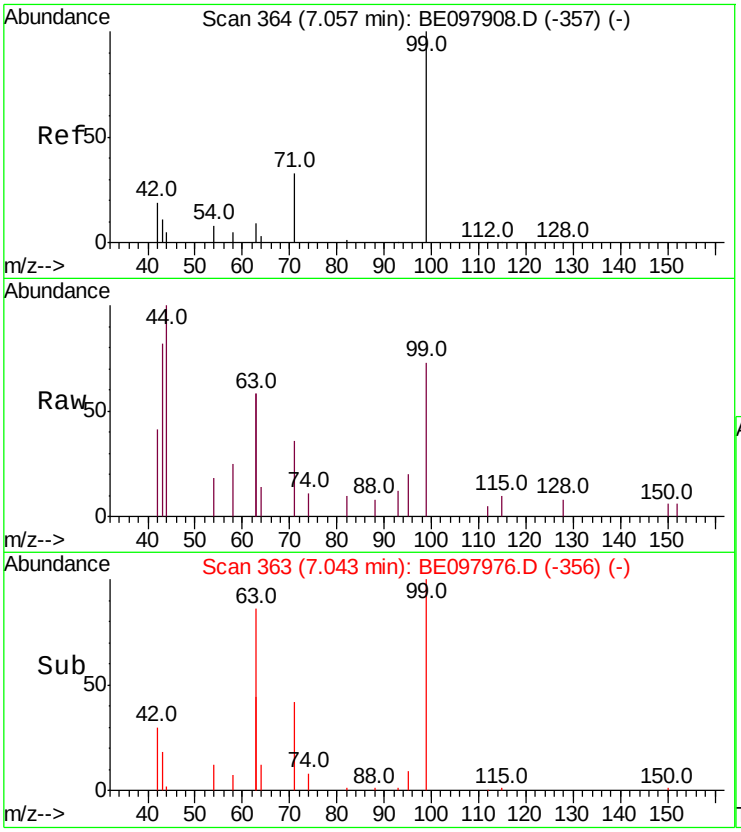


#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:112 Resp: 1325

Ion	Ratio	Lower	Upper
112	100		
64	75.8	58.9	88.3
63	144.9	120.3	180.5



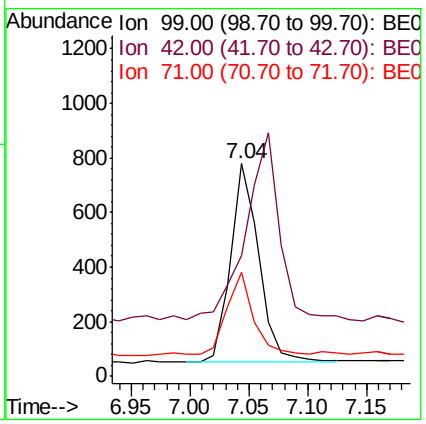


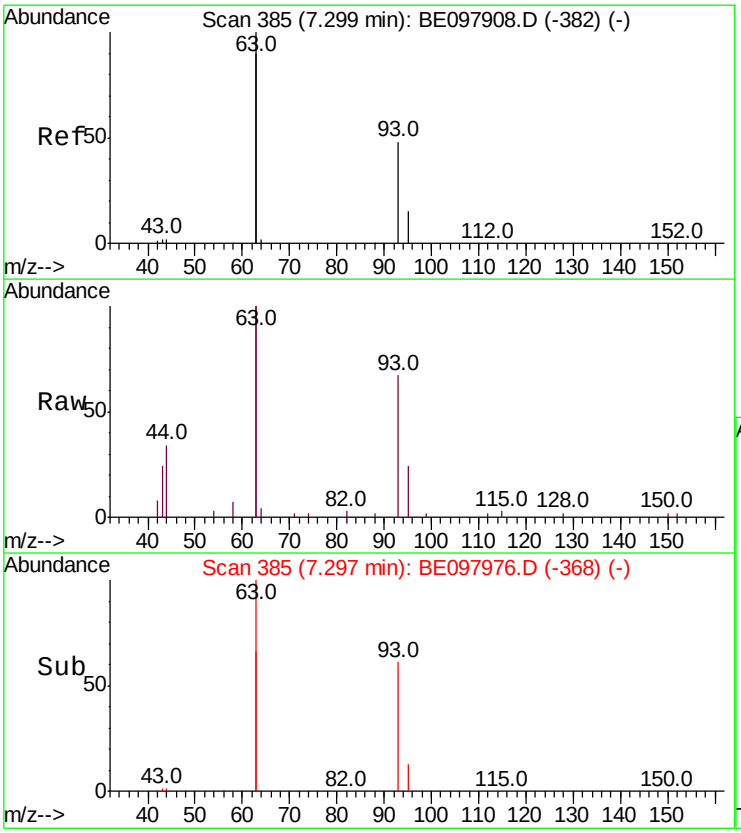
#5
Phenol-d6
Concen: 0.118 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1229

Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.9	29.9#
71	39.1	27.8	41.8

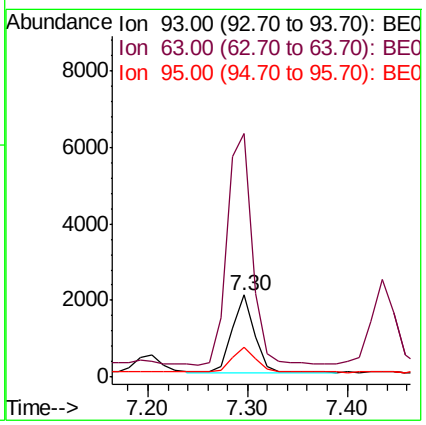


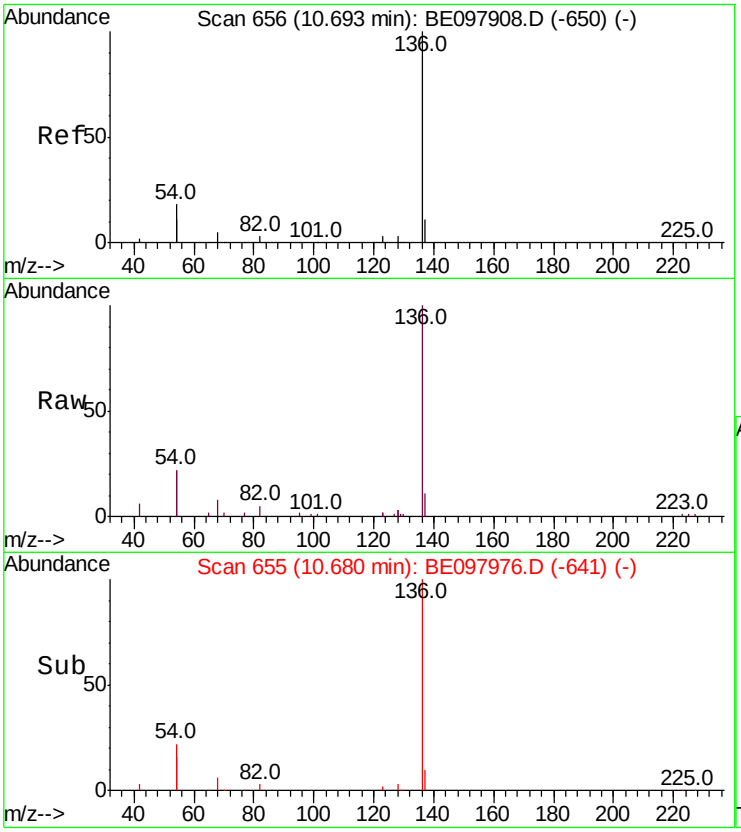


#6
bis(2-Chloroethyl)ether
Concen: 0.357 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion: 93 Resp: 3160

Ion	Ratio	Lower	Upper
93	100		
63	331.2	259.0	388.4
95	32.4	27.8	41.8



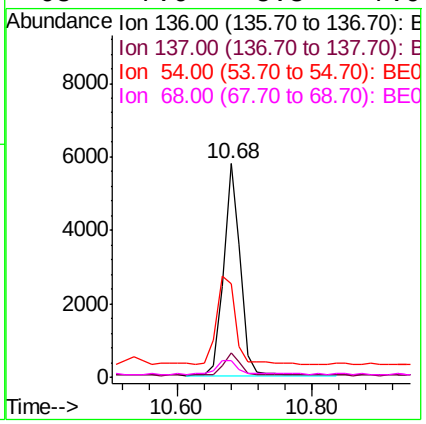


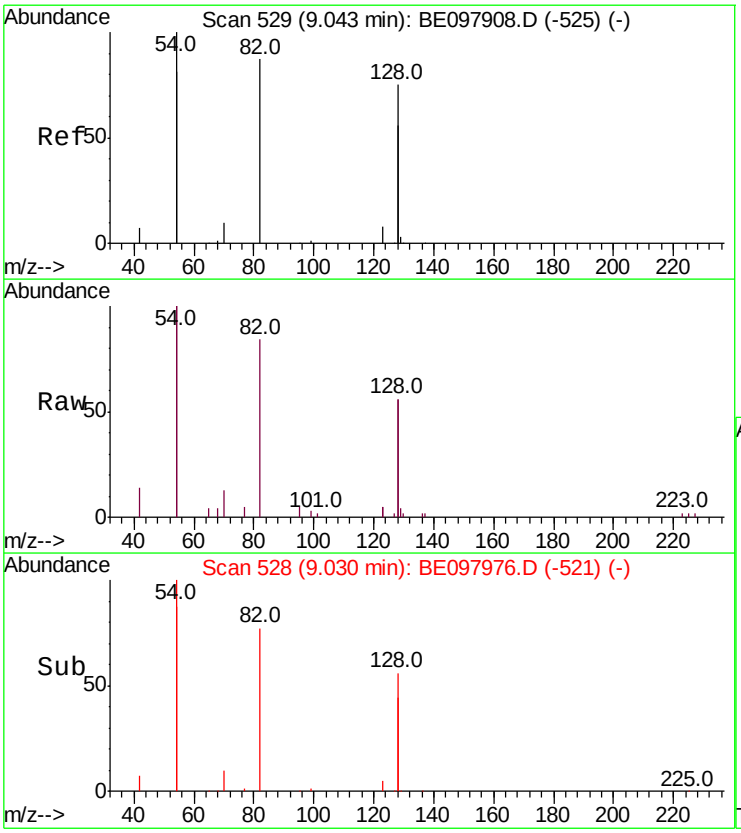
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 10023

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	43.7	27.7	41.5#
68	7.6	5.3	7.9

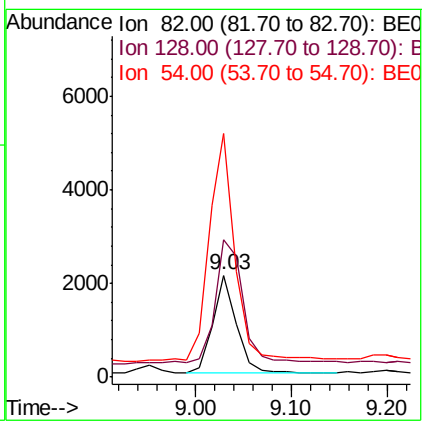


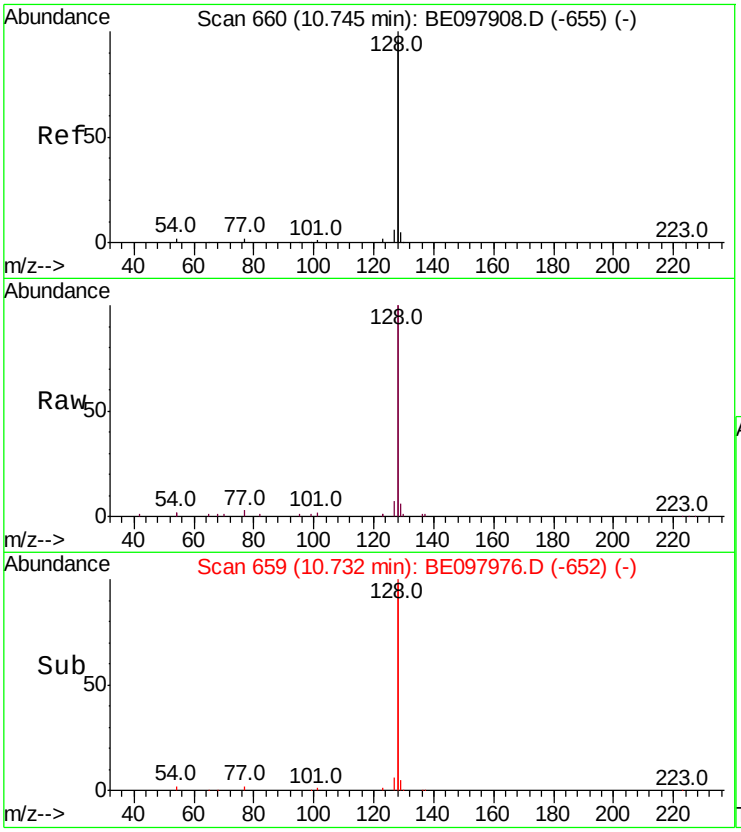


#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion: 82 Resp: 3553

Ion	Ratio	Lower	Upper
82	100		
128	134.0	129.9	194.9
54	238.3	174.0	261.0



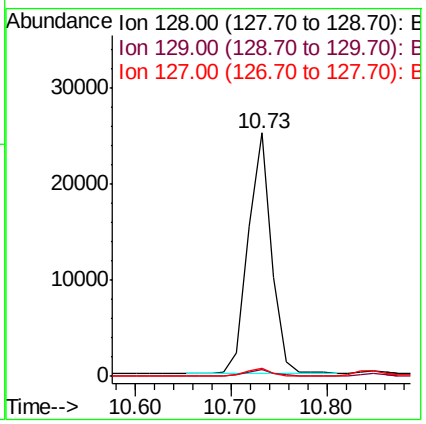


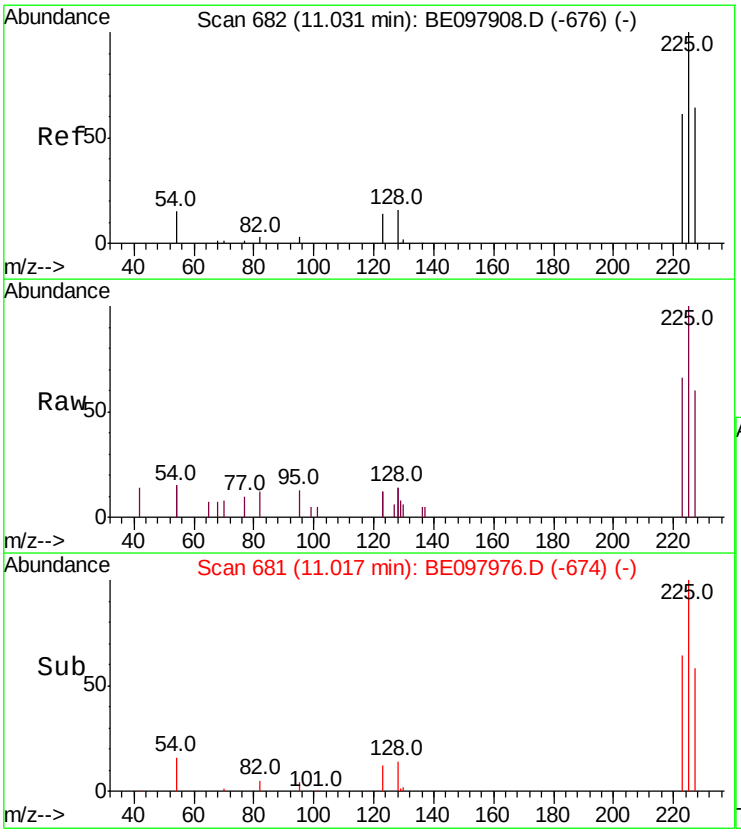
#9
Naphthalene
Concen: 0.423 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 42226

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.4	2.8	4.2

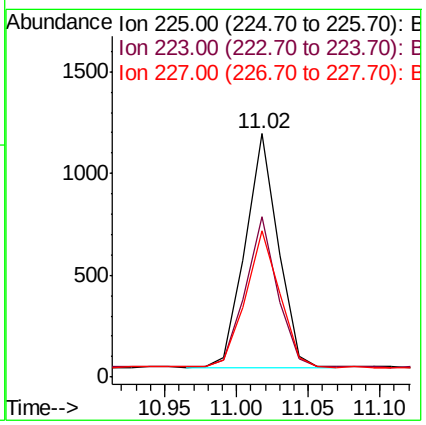


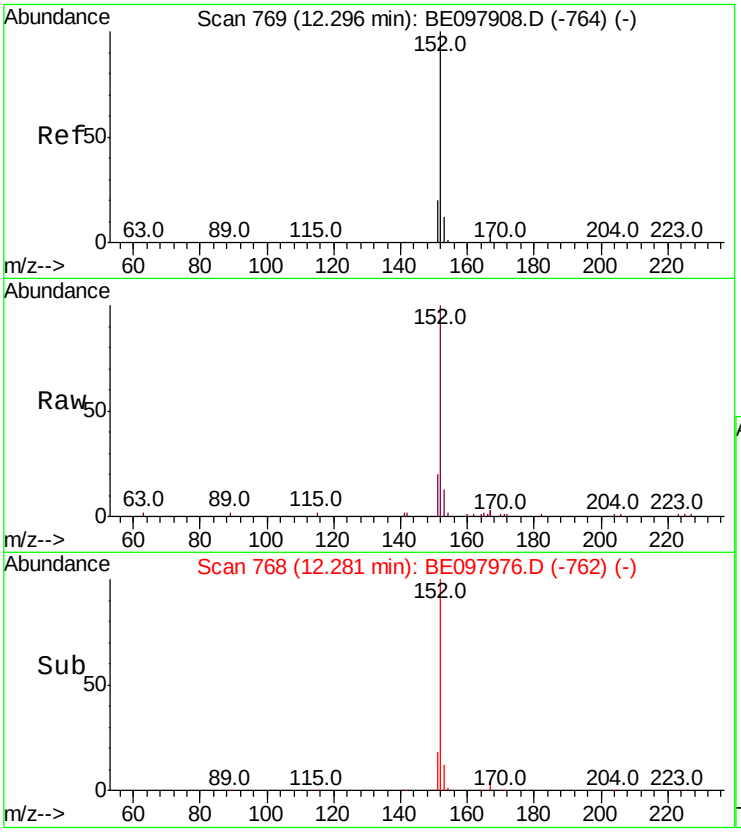


#10
Hexachlorobutadiene
Concen: 0.338 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:225 Resp: 1817

Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.8	77.8
227	60.2	53.0	79.6



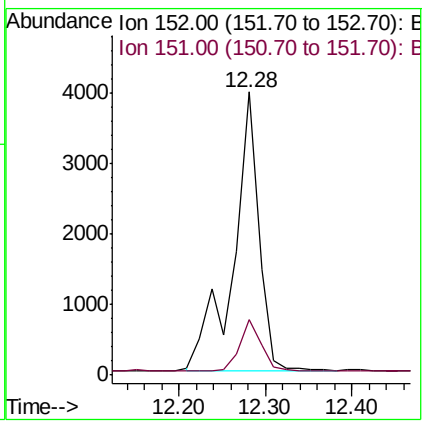


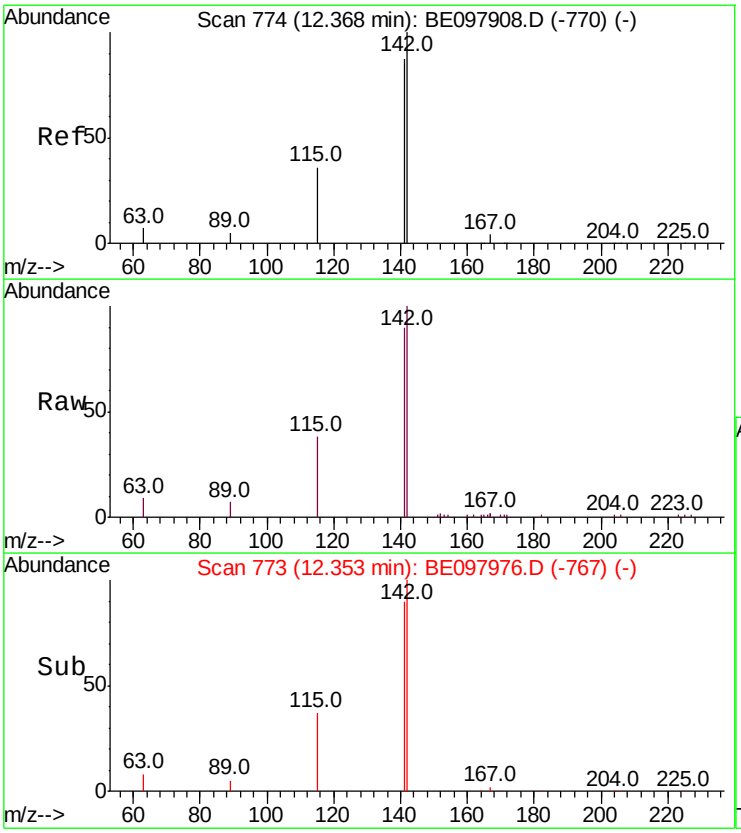
#11
2-Methylnaphthalene-d10
Concen: 0.488 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8131

Ion	Ratio	Lower	Upper
152	100		
151	15.2	16.2	24.4#

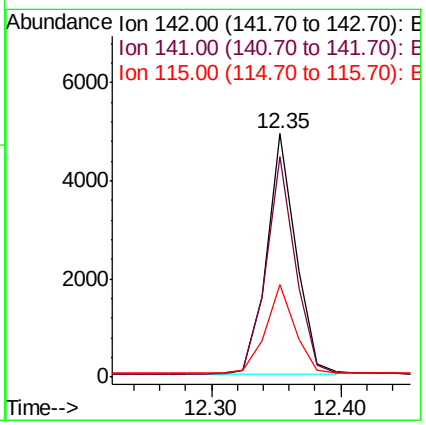


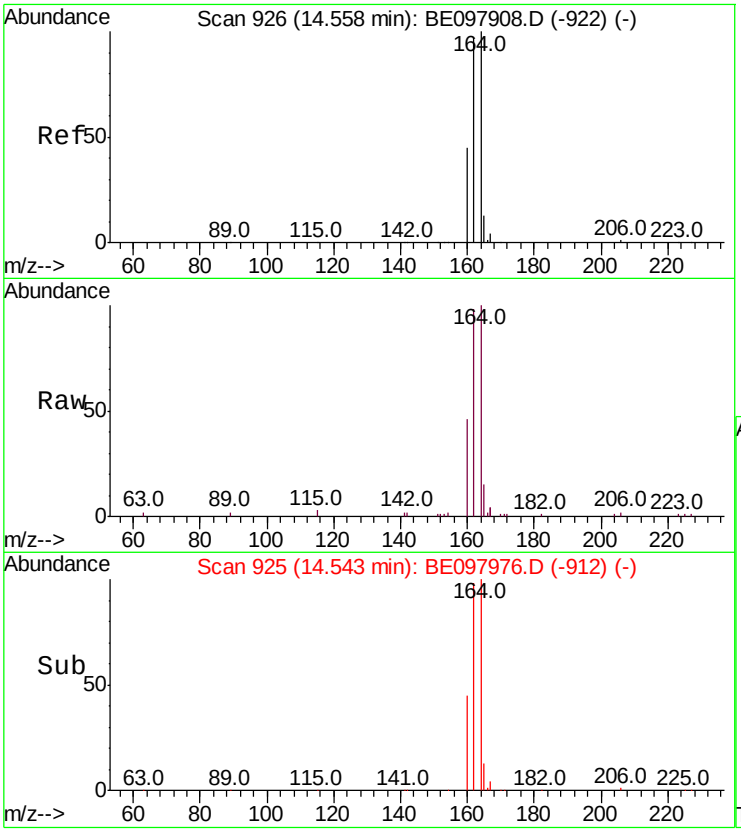


#12
2-Methylnaphthalene
Concen: 0.449 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.02 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:142 Resp: 7669

Ion	Ratio	Lower	Upper
142	100		
141	90.5	69.8	104.6
115	38.2	30.5	45.7



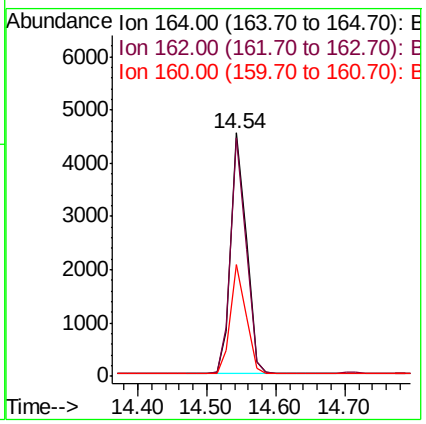


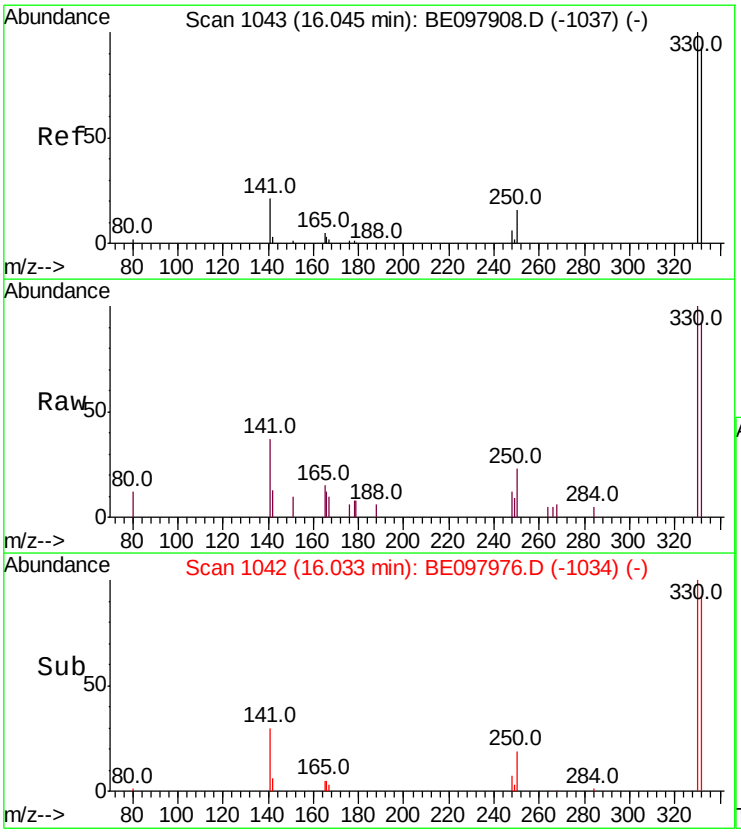
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.02 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7012

Ion	Ratio	Lower	Upper
164	100		
162	97.9	77.4	116.2
160	45.9	36.5	54.7

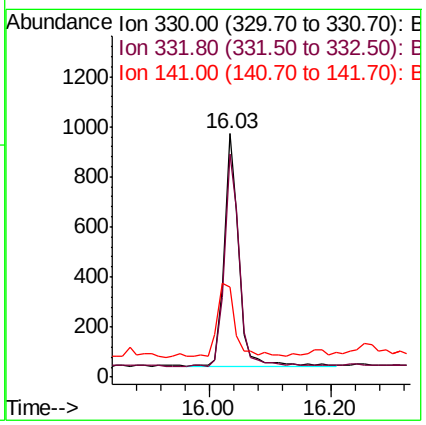


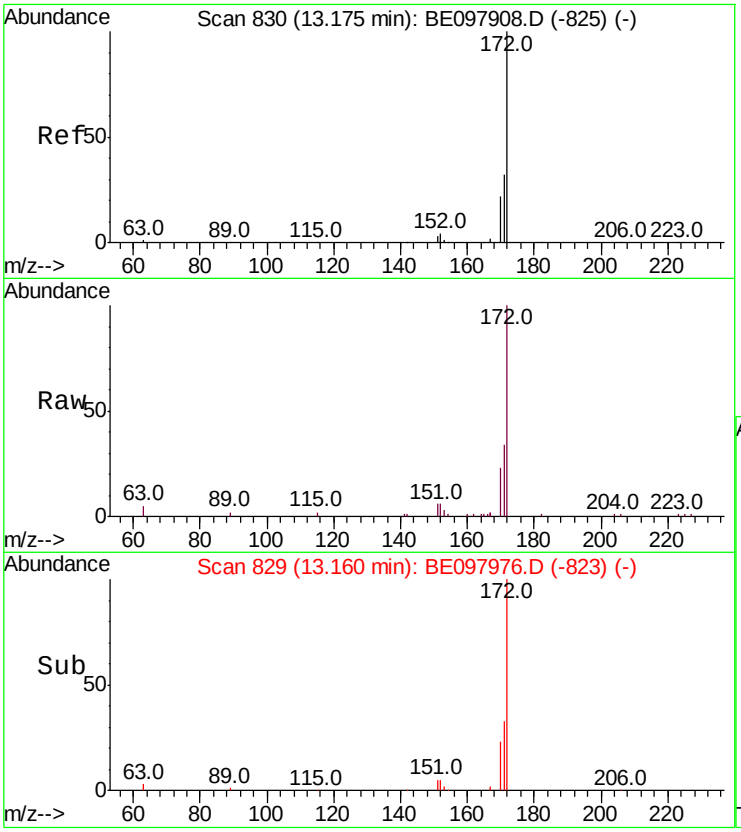


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:330 Resp: 1501

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.5	114.7
141	38.2	31.8	47.6



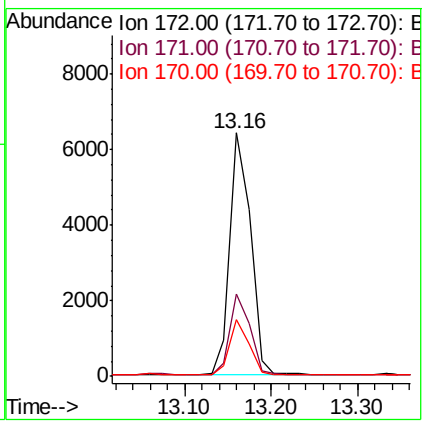


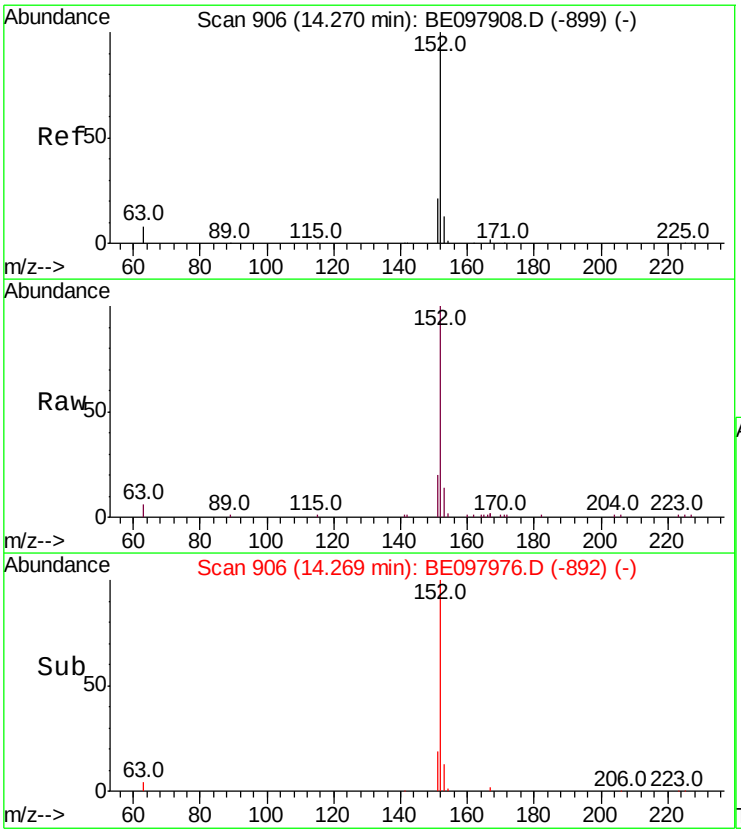
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.02 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10523

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.0	39.0
170	23.3	18.0	27.0

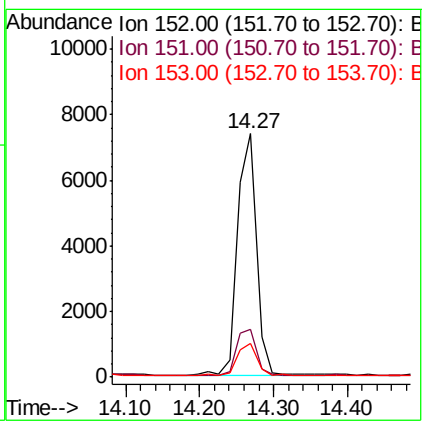


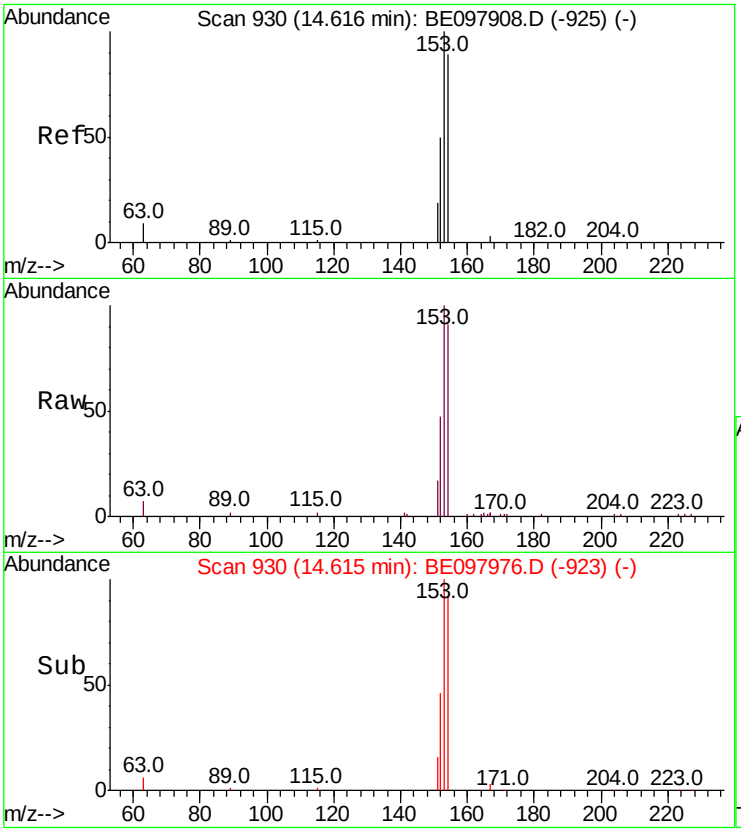


#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:152 Resp: 13078

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.9	10.9	16.3



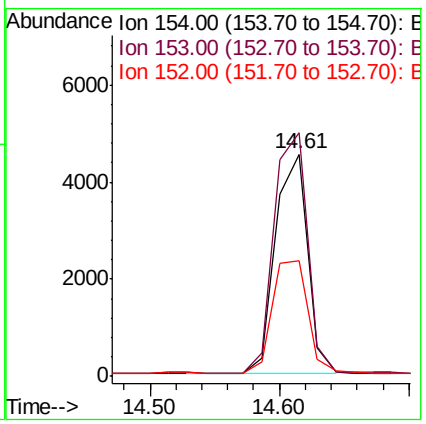


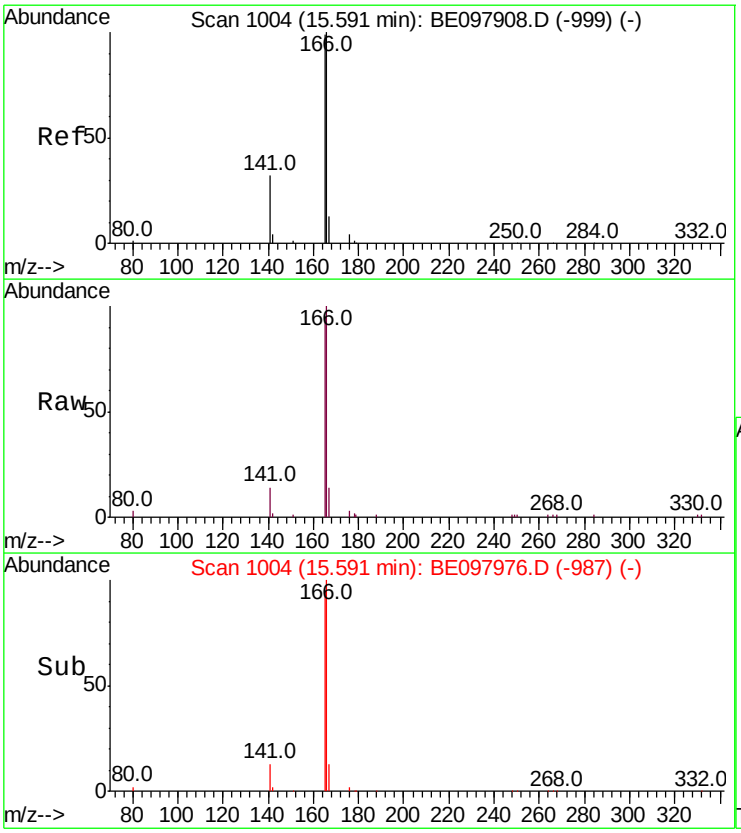
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7829

Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.6	139.0
152	56.9	45.5	68.3

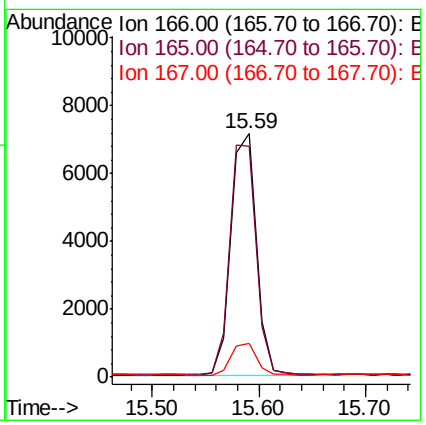


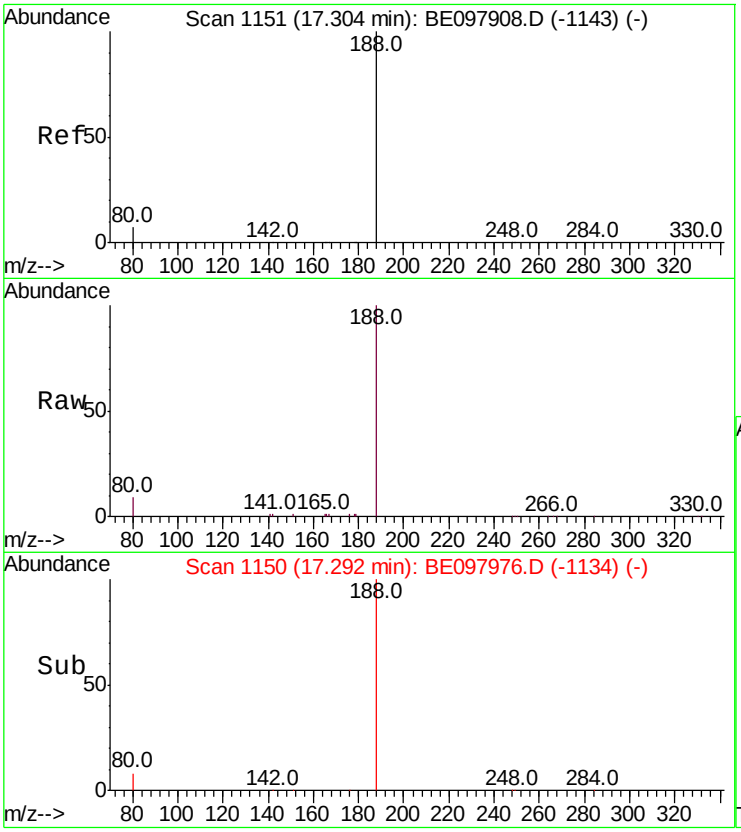


#18
Fluorene
Concen: 0.427 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:166 Resp: 11629

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.2	117.4
167	13.4	11.0	16.6



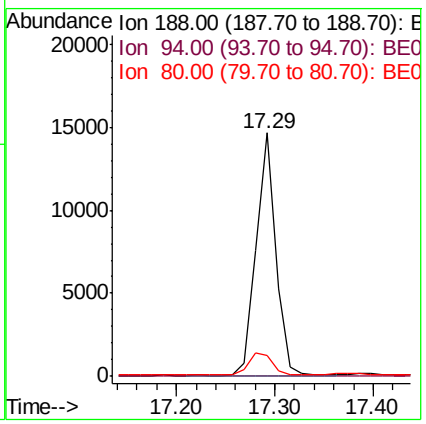


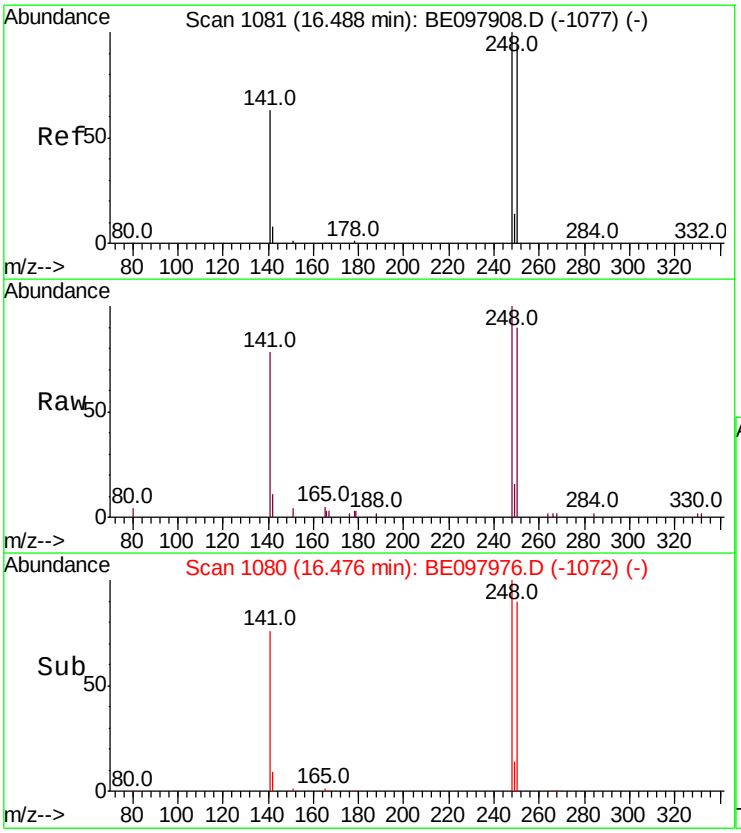
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 20246

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	6.3	9.5

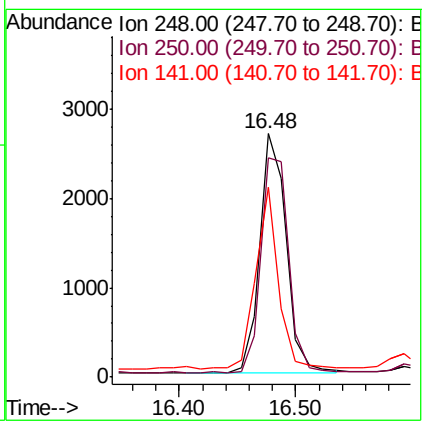


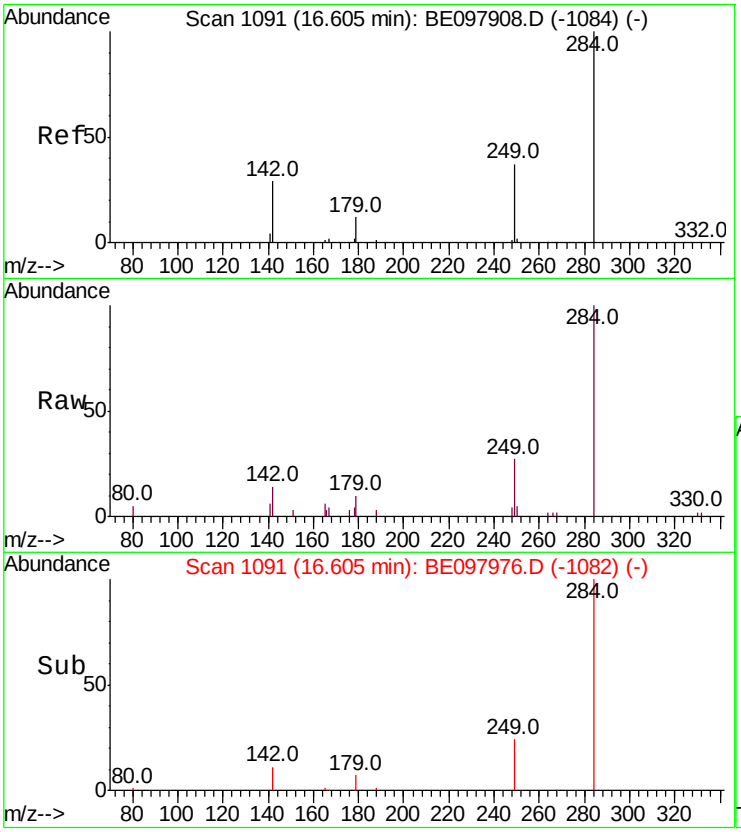


#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.48 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:248 Resp: 4267

Ion	Ratio	Lower	Upper
248	100		
250	89.8	75.1	112.7
141	78.2	51.8	77.8#



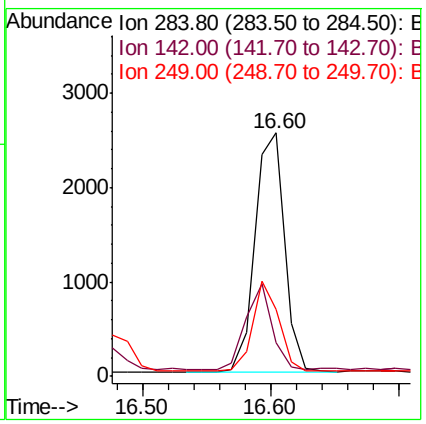


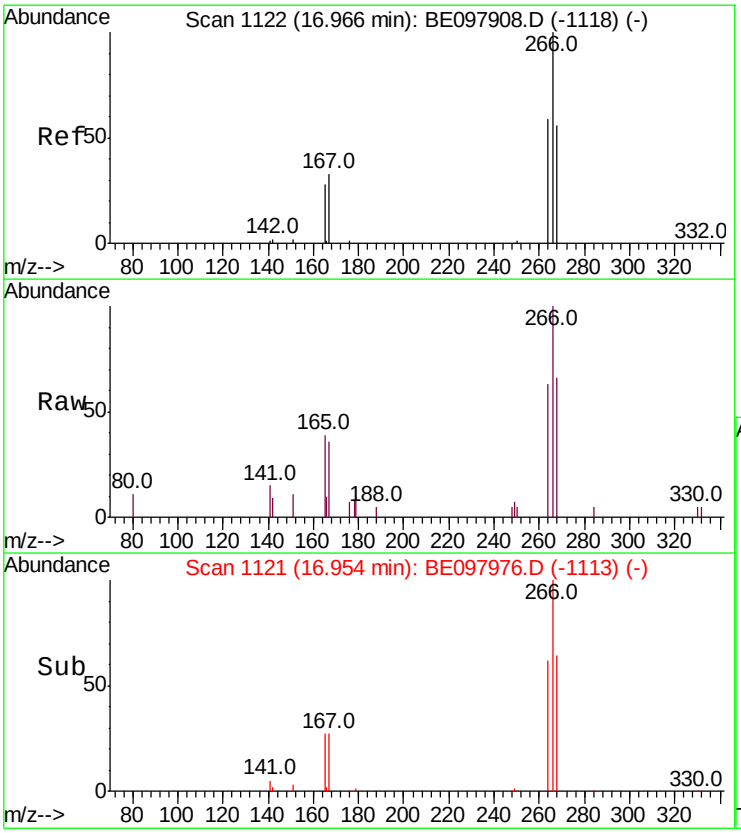
#21
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4081

Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.9	38.9
249	33.0	26.6	40.0

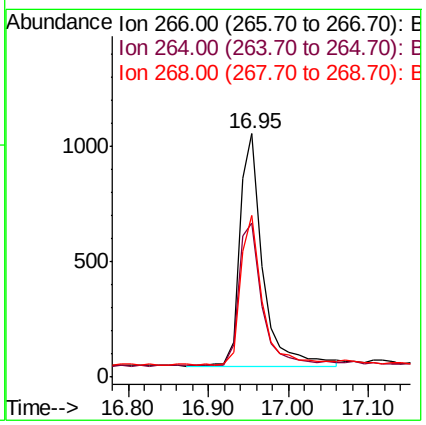


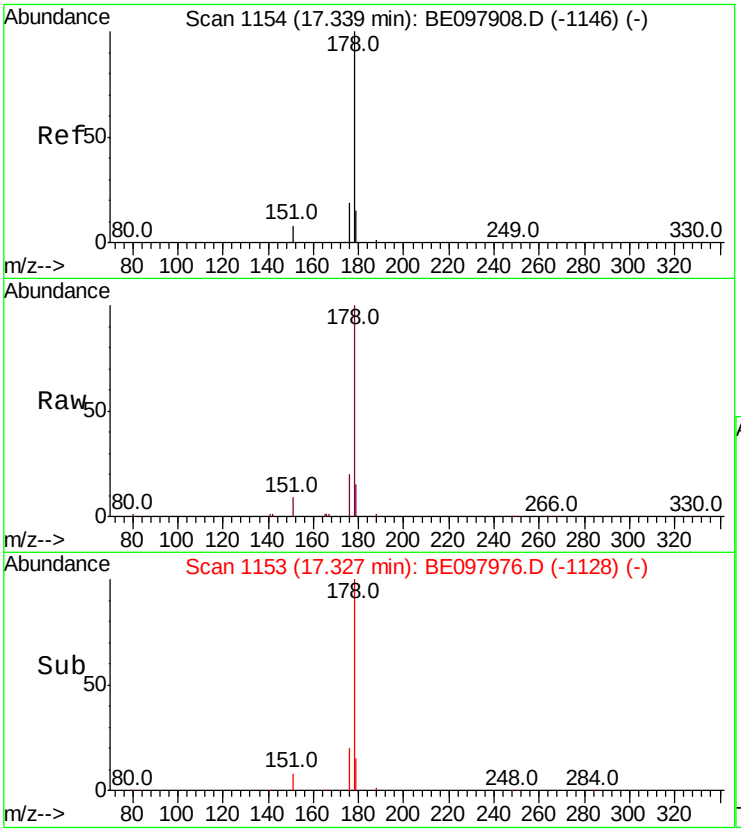


#22
Pentachlorophenol
Concen: 0.680 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:266 Resp: 1977

Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.3	76.9
268	66.4	50.1	75.1



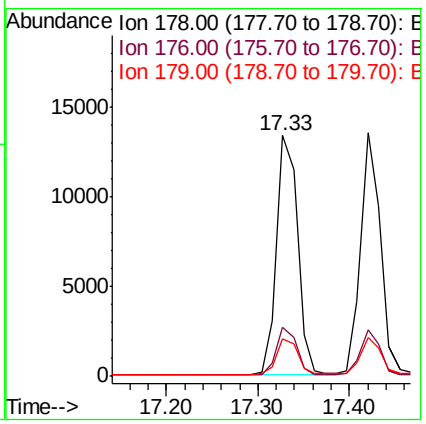


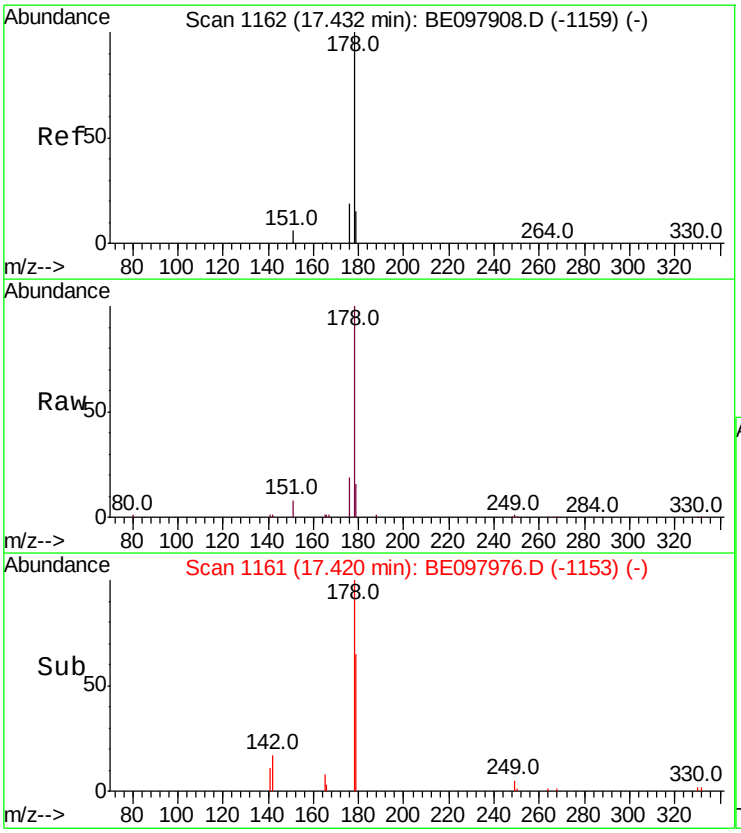
#23
Phenanthrene
Concen: 0.415 ng
RT: 17.33 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 21362

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	12.2	18.4

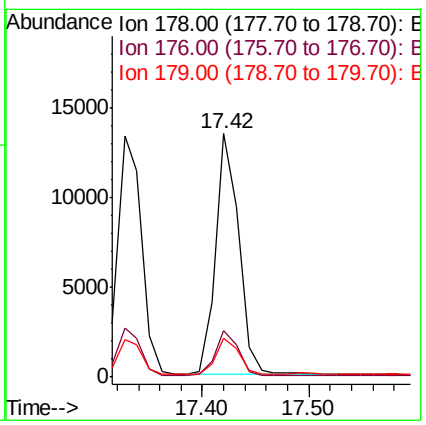


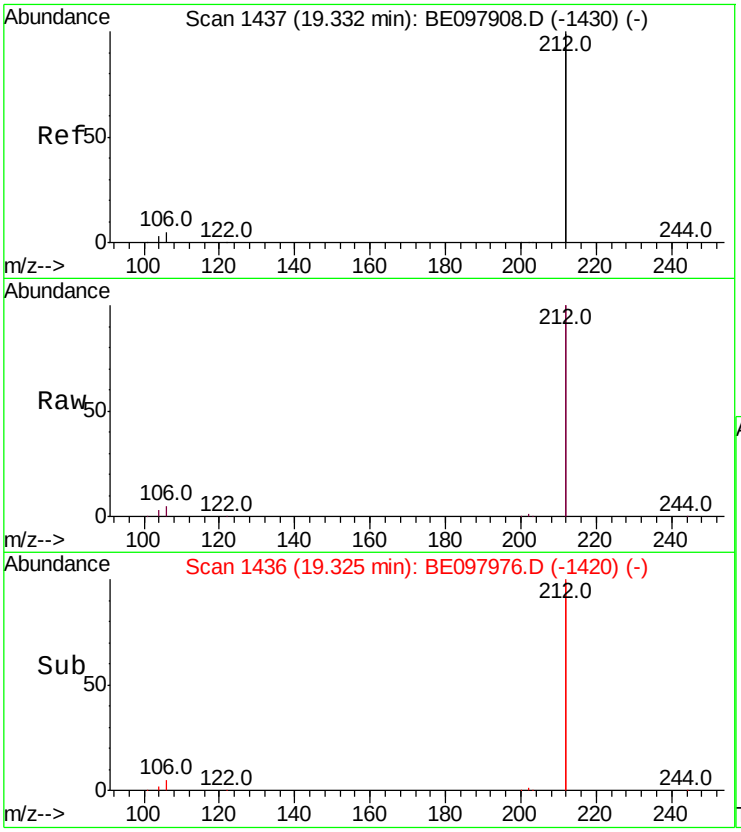


#24
Anthracene
Concen: 0.418 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:178 Resp: 20320

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	14.8	11.9	17.9



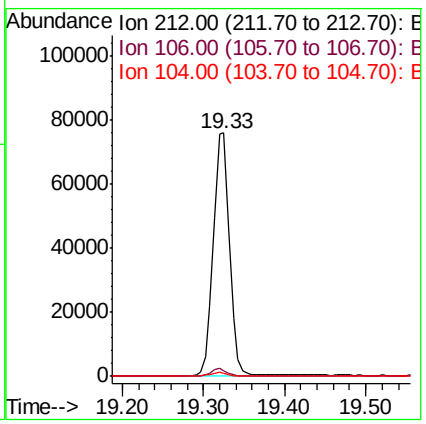


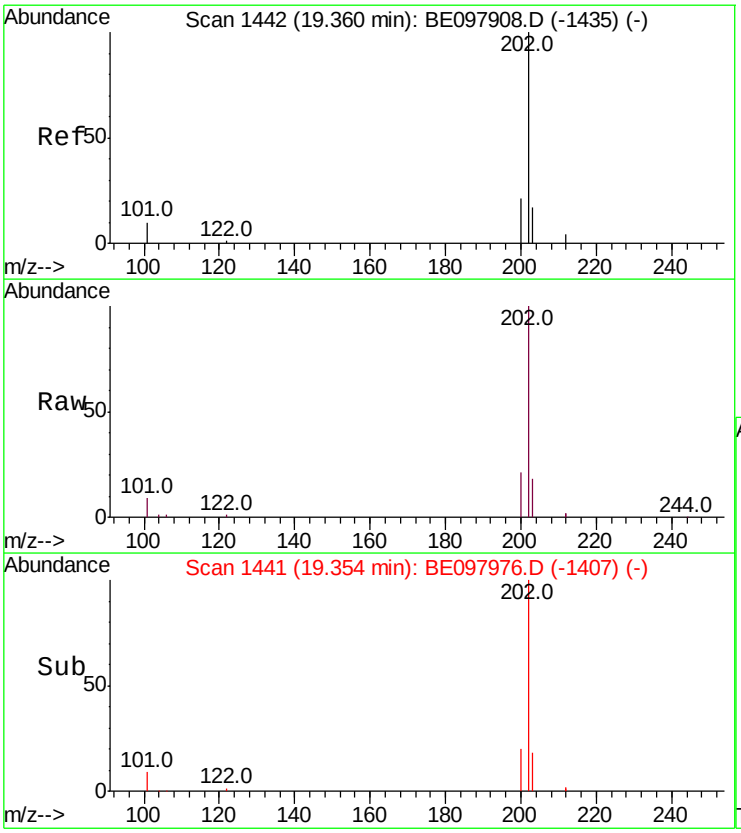
#25
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 103849

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9

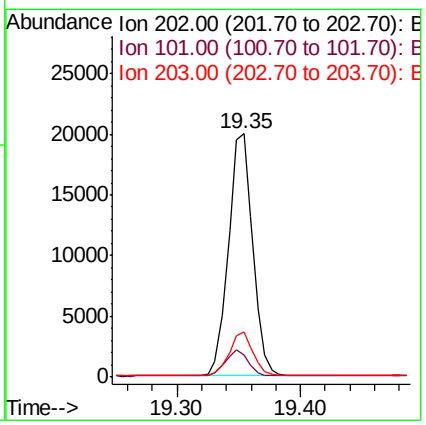


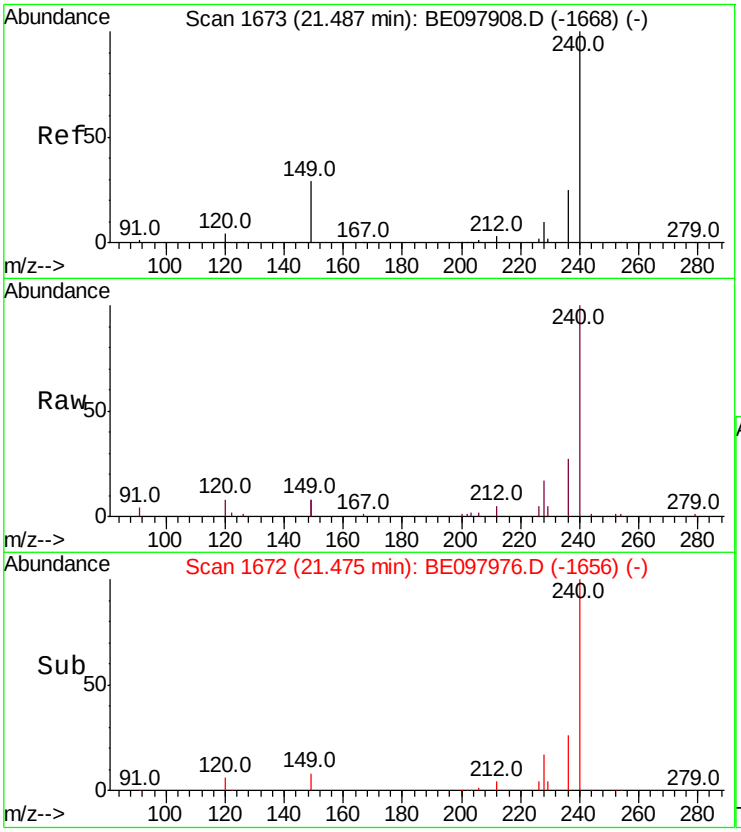


#26
Fluoranthene
Concen: 0.404 ng
RT: 19.35 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:202 Resp: 27280

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.2
203	17.3	15.0	22.4



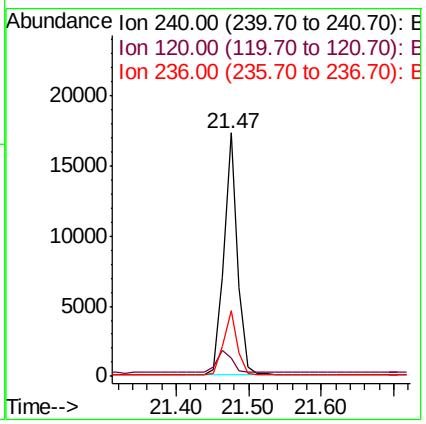


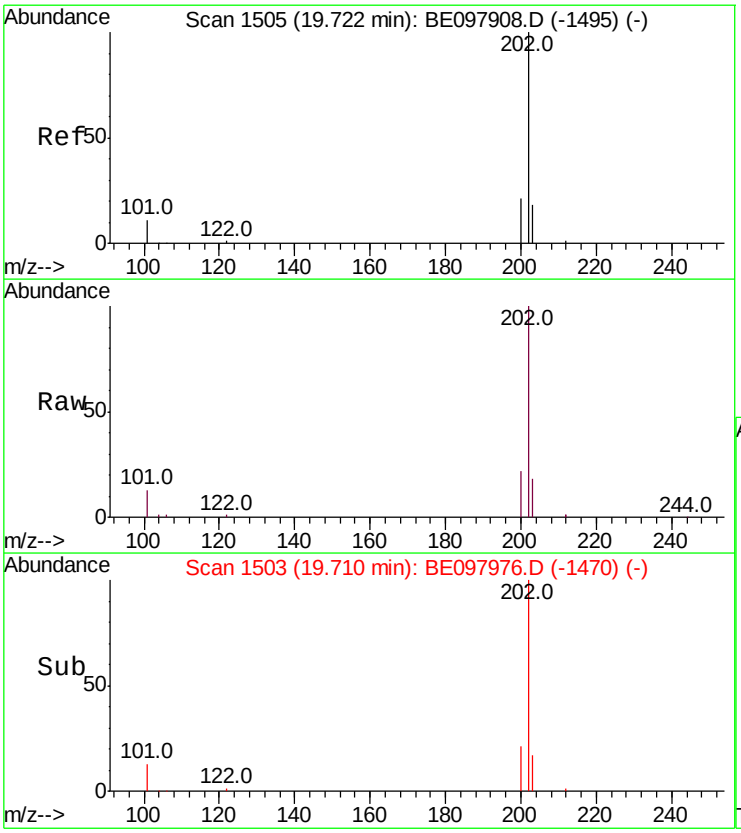
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 23221

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.1	10.7
236	26.8	21.3	31.9

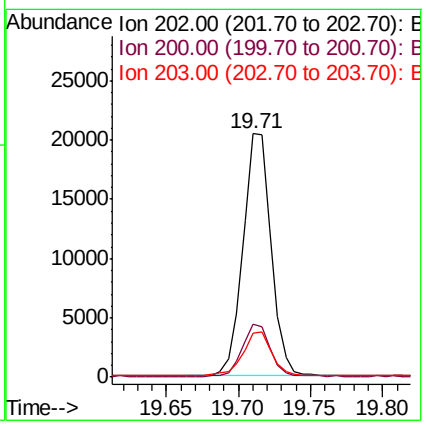


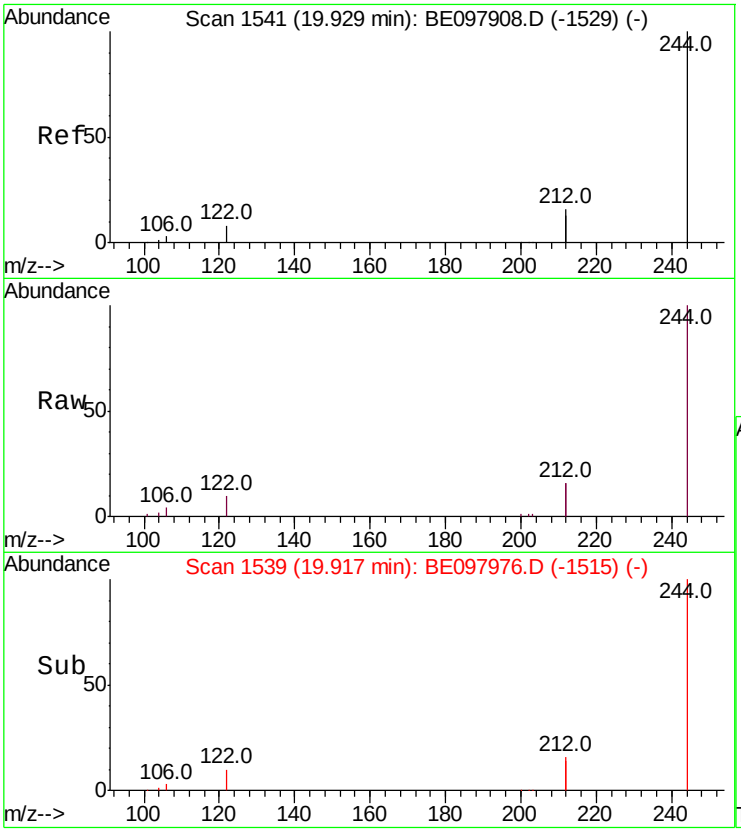


#28
Pyrene
Concen: 0.416 ng
RT: 19.71 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:202 Resp: 27869

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	18.2	14.2	21.4



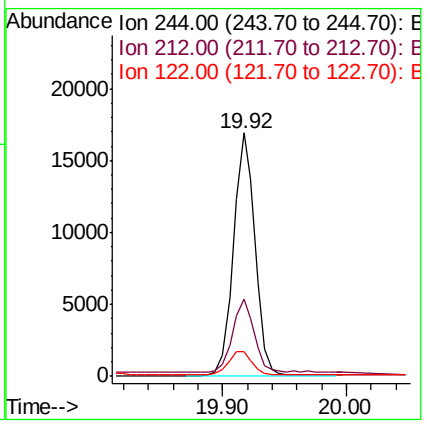


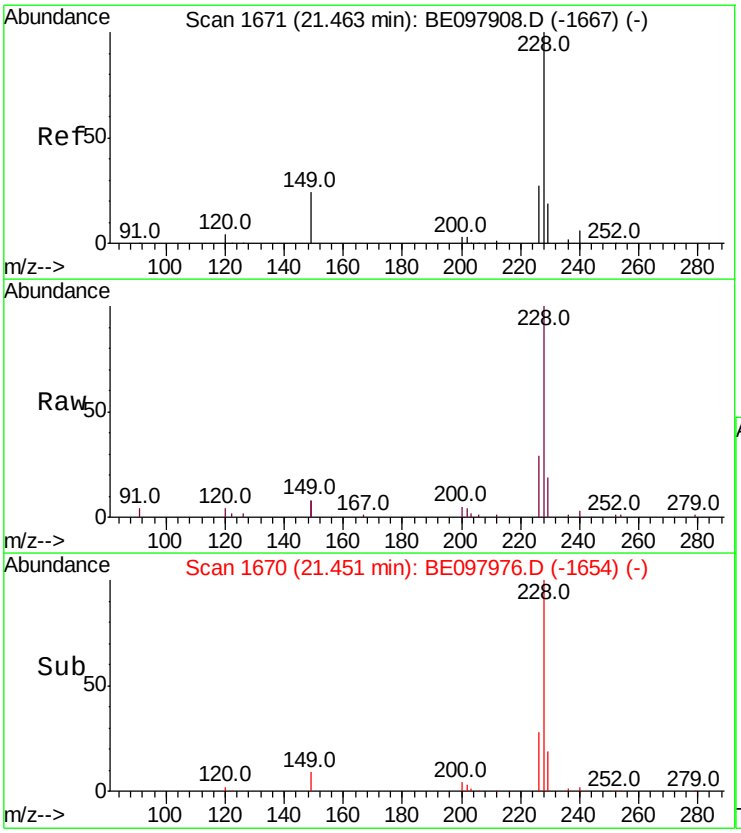
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 20300

Ion	Ratio	Lower	Upper
244	100		
212	31.6	26.2	39.2
122	10.4	7.7	11.5

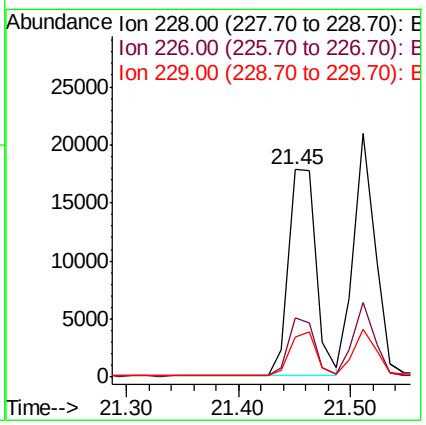


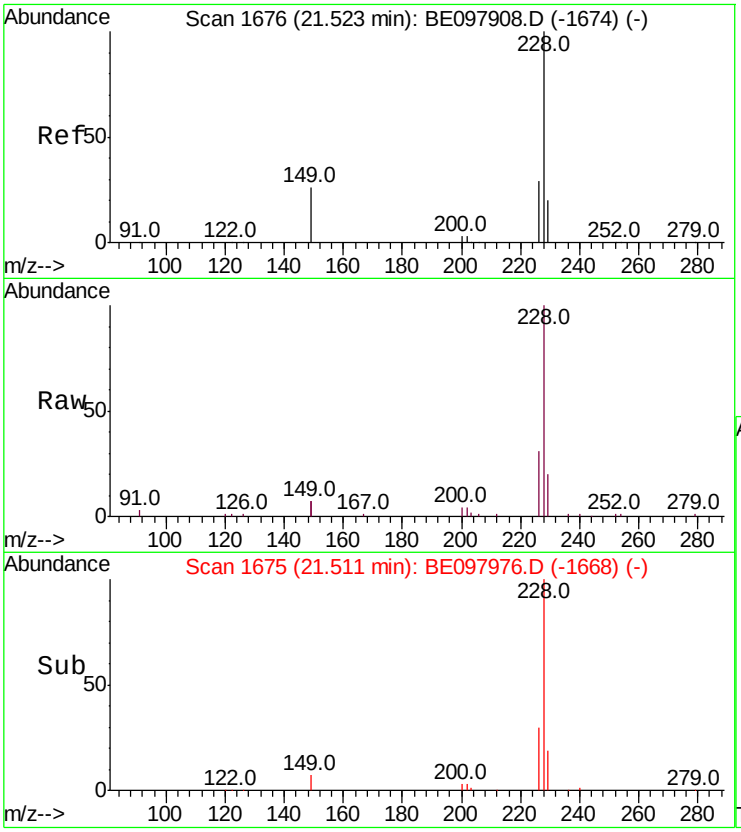


#30
Benzo(a)anthracene
Concen: 0.423 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:228 Resp: 30109

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.3	16.9	25.3



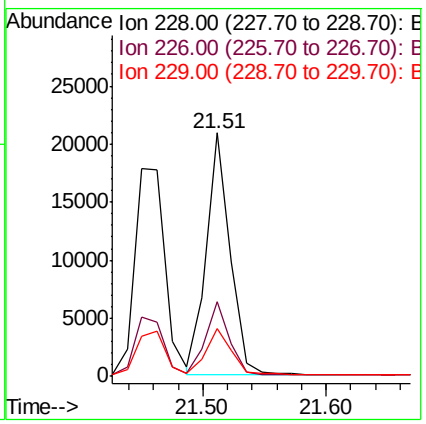


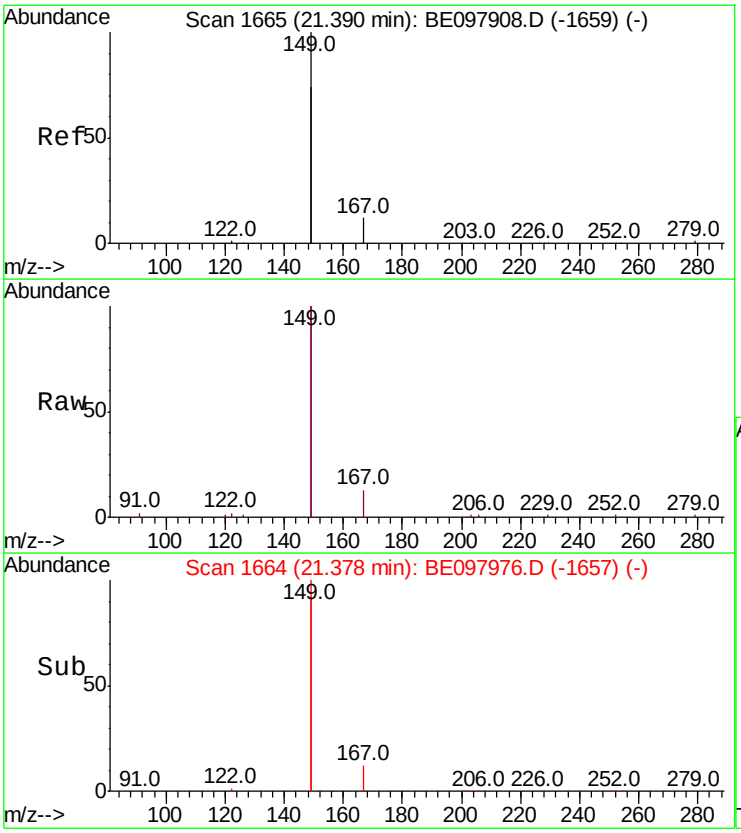
#31
Chrysene
Concen: 0.415 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 27997

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.9	17.3	25.9

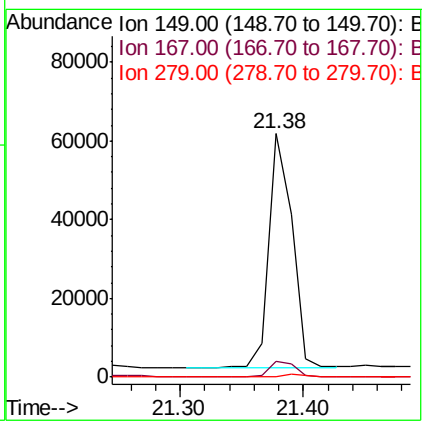


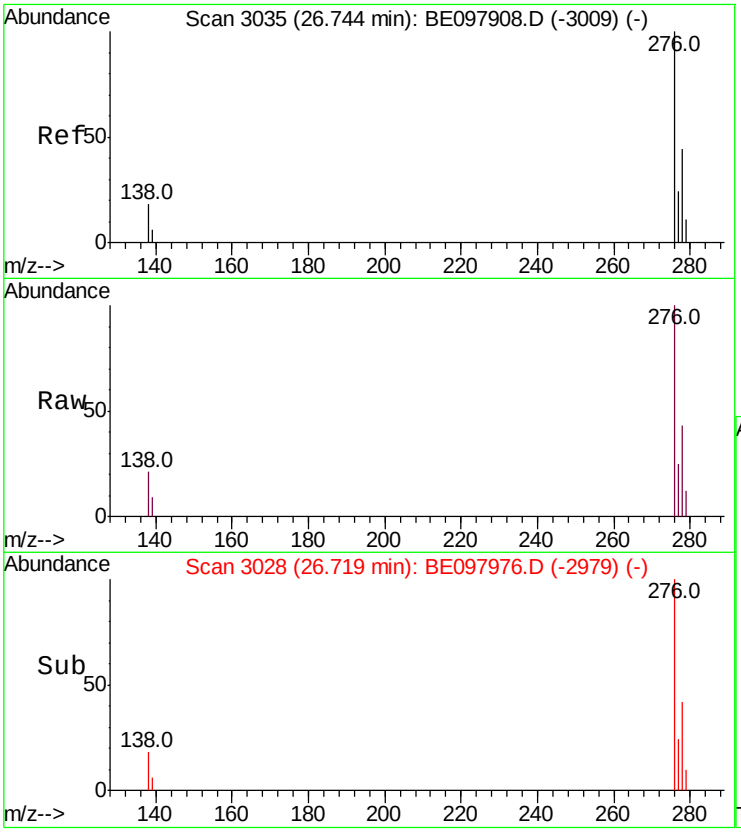


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.497 ng
RT: 21.38 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:149 Resp: 77821

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.6	8.4
279	1.0	0.9	1.3



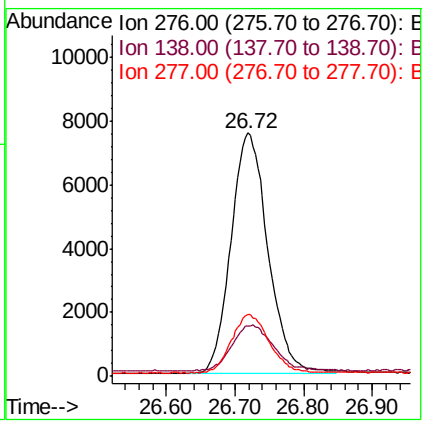


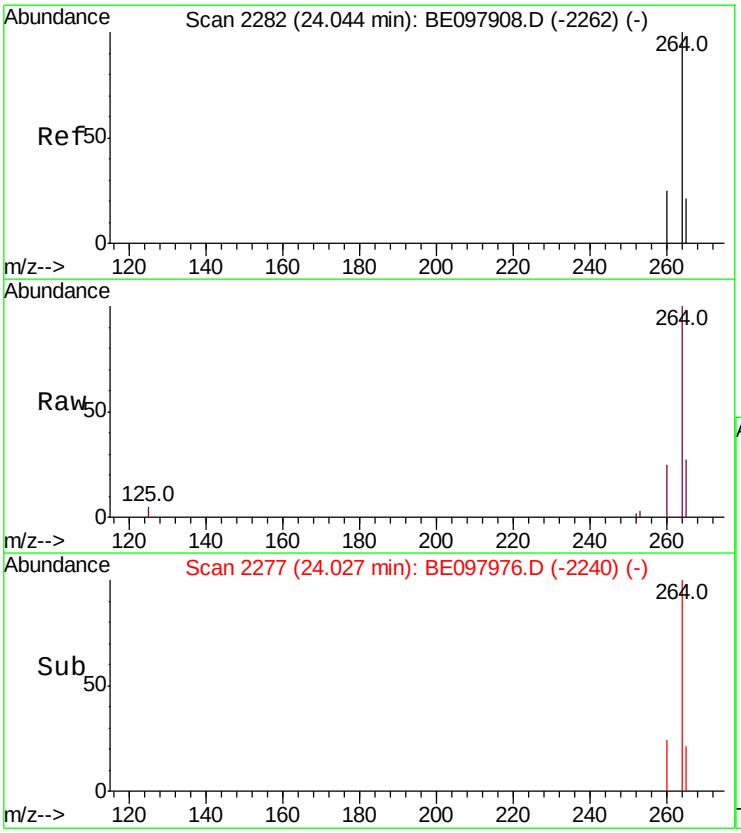
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 26.72 min Scan# 3028
Delta R.T. -0.03 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 28292

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.0	25.6
277	24.8	20.5	30.7

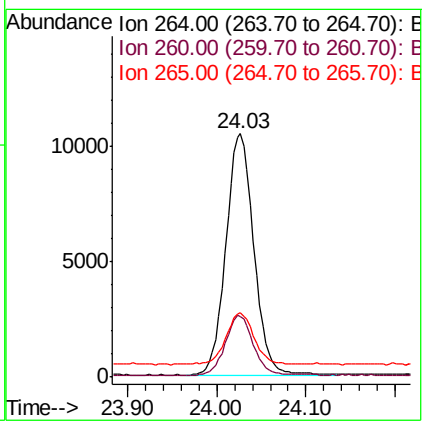


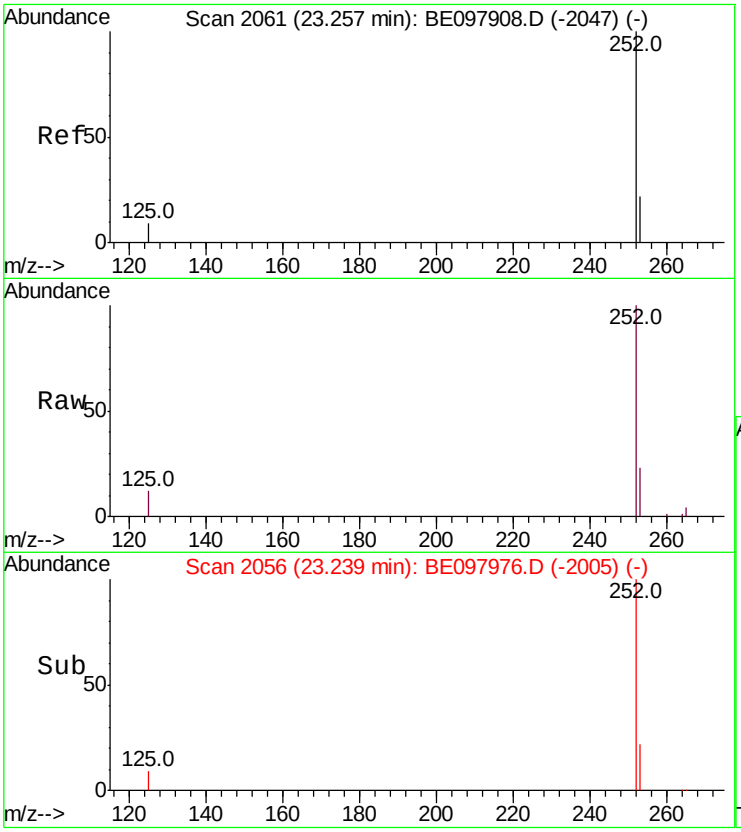


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:264 Resp: 22854

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.1	31.7
265	26.7	29.2	43.8#



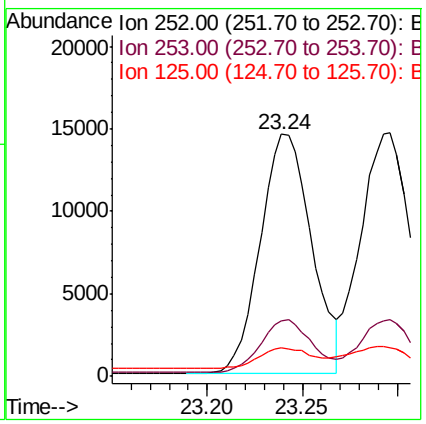


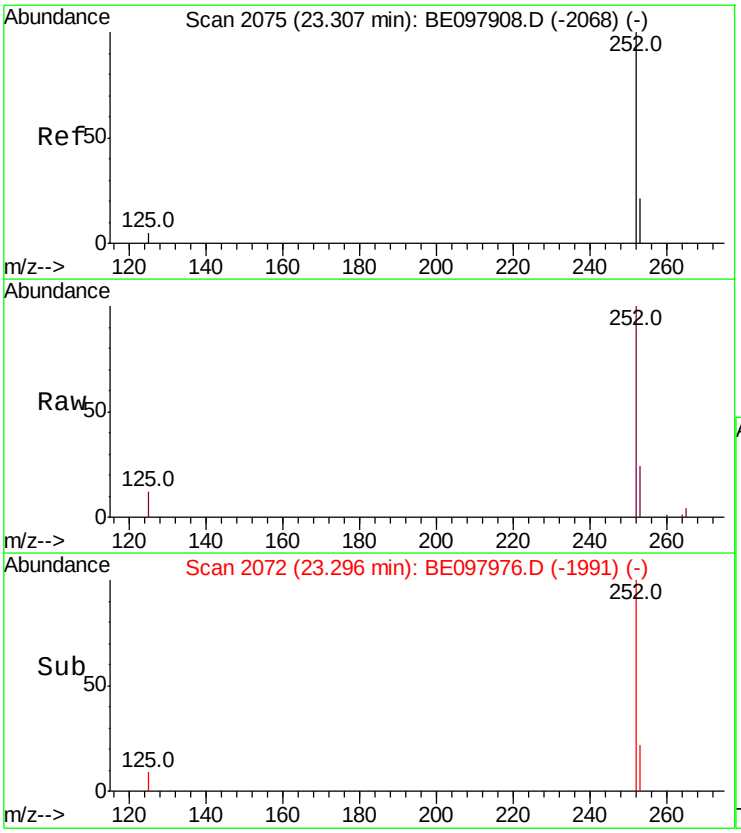
#35
Benzo(b)fluoranthene
Concen: 0.416 ng
RT: 23.24 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 27386

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.6	31.0
125	11.9	14.3	21.5#

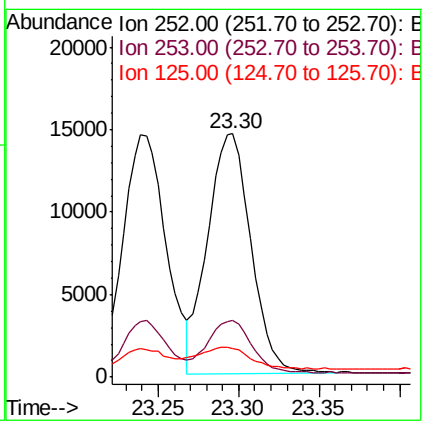


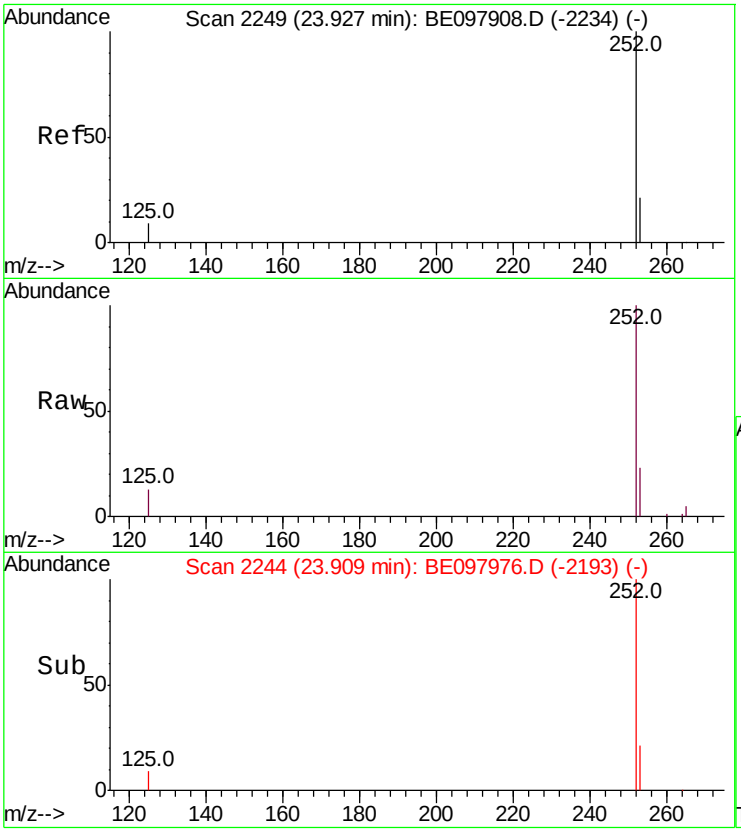


#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:252 Resp: 27065

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.4	30.6
125	11.9	14.6	21.8#



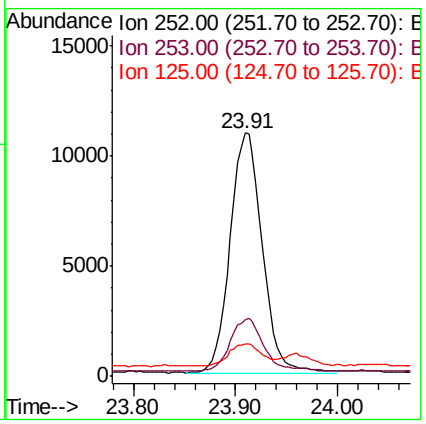


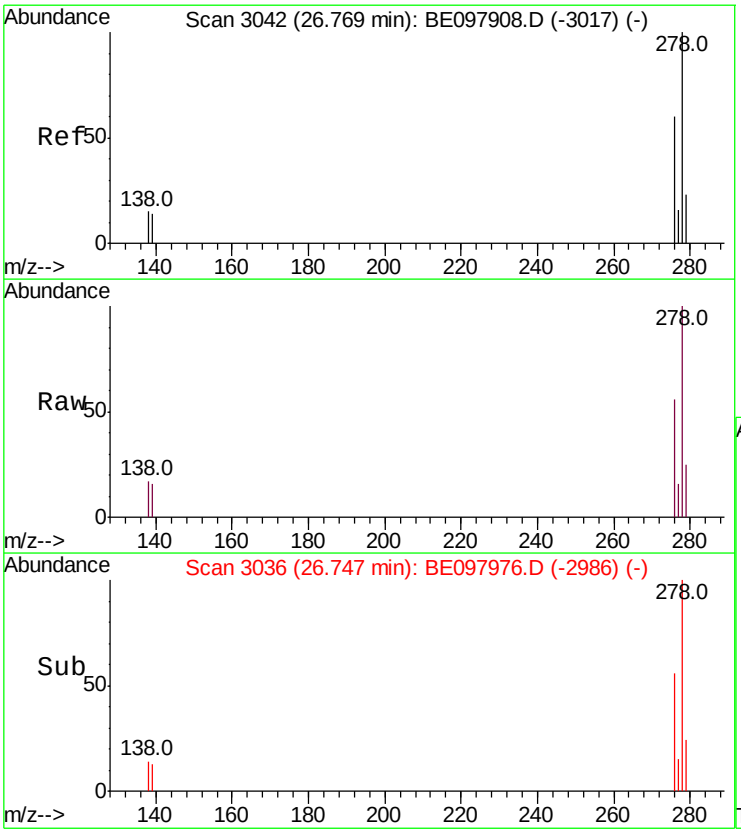
#37
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23861

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.6	31.0
125	13.5	15.6	23.4#

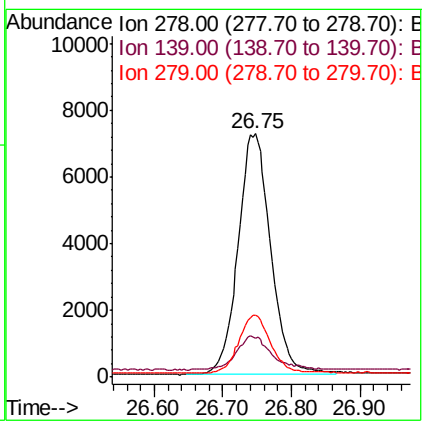


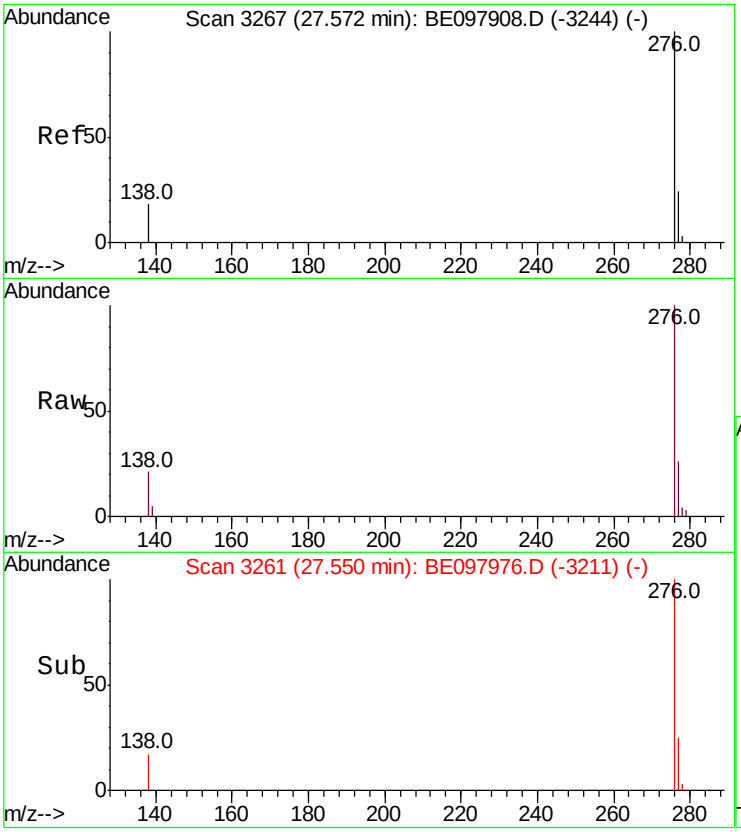


#38
Dibenzo(a,h)anthracene
Concen: 0.380 ng
RT: 26.75 min Scan# 3036
Delta R.T. -0.02 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:278 Resp: 23877

Ion	Ratio	Lower	Upper
278	100		
139	16.2	16.3	24.5#
279	25.1	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.315 ng
RT: 27.55 min Scan# 3261
Delta R.T. -0.02 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20243

Ion	Ratio	Lower	Upper
276	100		
277	26.3	22.1	33.1
138	20.7	19.3	28.9