Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
Data File : BE097977.D
Acq On : 18 Oct 2018 14:55
Operator : SJ/JU
Sample : J5317-16MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 19 01:07:54 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	7.87	152	2268	0.40	ng		-0.01
7) Naphthalene-d8	10.68	136	9983	0.40	ng		-0.01
13) Acenaphthene-d10	14.54	164	6952	0.40	ng		-0.01
19) Phenanthrene-d10	17.29	188	19706	0.40	ng		-0.01
27) Chrysene-d12	21.48	240	22711	0.40	ng		-0.01
34) Perylene-d12	24.03	264	22380	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1399	0.20	ng		-0.01
5) Phenol-d6	7.04	99	1241	0.12	ng		-0.01
8) Nitrobenzene-d5	9.03	82	3658	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.28	152	8218	0.49	ng		-0.01
14) 2,4,6-Tribromophenol	16.03	330	1487	0.40	ng		-0.01
15) 2-Fluorobiphenyl	13.16	172	10384	0.37	ng		-0.01
25) Fluoranthene-d10	19.32	212	102823	0.39	ng		-0.01
29) Terphenyl-d14	19.92	244	20020	0.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	11663	2.949	ng		95
3) n-Nitrosodimethylamine	3.69	42	606	0.137	ng	#	81
6) bis(2-Chloroethyl)ether	7.30	93	3105	0.346	ng		96
9) Naphthalene	10.73	128	42165	0.424	ng		100
10) Hexachlorobutadiene	11.02	225	1839	0.343	ng		98
12) 2-Methylnaphthalene	12.35	142	7571	0.445	ng		95
16) Acenaphthylene	14.27	152	13148	0.409	ng		99
17) Acenaphthene	14.60	154	7669	0.391	ng		100
18) Fluorene	15.58	166	11317	0.419	ng		100
20) 4-Bromophenyl-phenylether	16.48	248	4097	0.380	ng		94
21) Hexachlorobenzene	16.59	284	3981	0.376	ng		97
22) Pentachlorophenol	16.94	266	1973	0.694	ng		97
23) Phenanthrene	17.33	178	20968	0.419	ng		98
24) Anthracene	17.42	178	19874	0.420	ng		100
26) Fluoranthene	19.35	202	27082	0.412	ng		98
28) Pyrene	19.71	202	27503	0.420	ng		99
30) Benzo(a)anthracene	21.45	228	29442	0.423	ng		98
31) Chrysene	21.51	228	27950	0.424	ng		98
32) Bis(2-ethylhexyl)phthalate	21.38	149	76247	0.498	ng		100
33) Indeno(1,2,3-cd)pyrene	26.72	276	27732	0.373	ng		99
35) Benzo(b)fluoranthene	23.24	252	27222	0.423	ng	#	92
36) Benzo(k)fluoranthene	23.29	252	27203	0.405	ng	#	92
37) Benzo(a)pyrene	23.91	252	23871	0.380	ng	#	92
38) Dibenzo(a,h)anthracene	26.74	278	23733	0.386	ng		94
39) Benzo(g,h,i)perylene	27.55	276	20236	0.321	ng		94

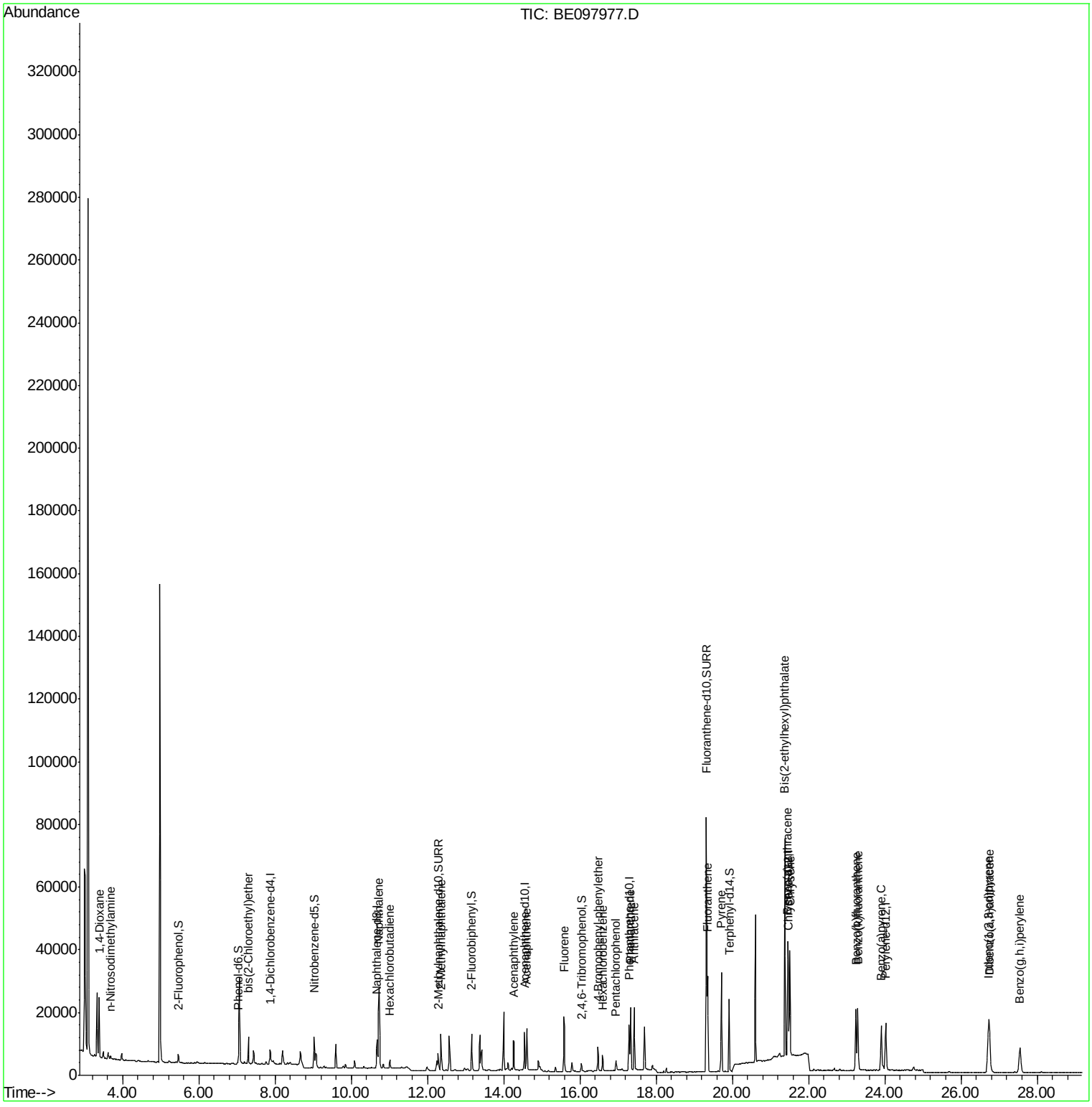
(#) = qualifier out of range (m) = manual integration (+) = signals summed

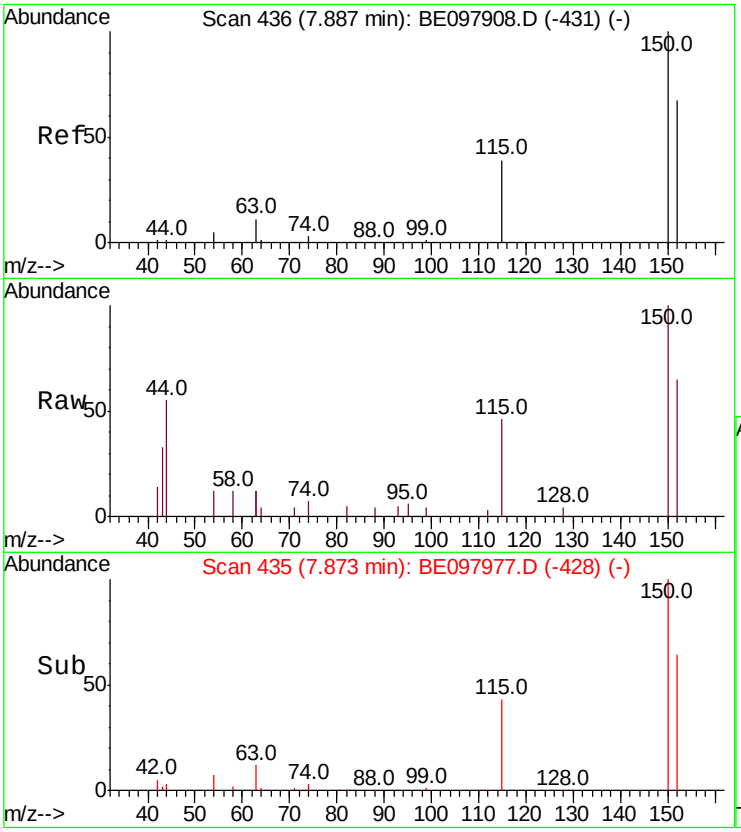
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
Data File : BE097977.D
Acq On : 18 Oct 2018 14:55
Operator : SJ/JU
Sample : J5317-16MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 19 01:07:54 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



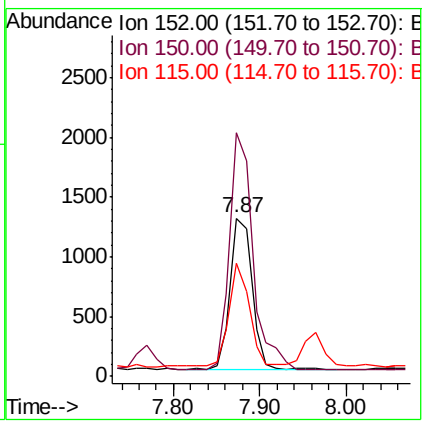


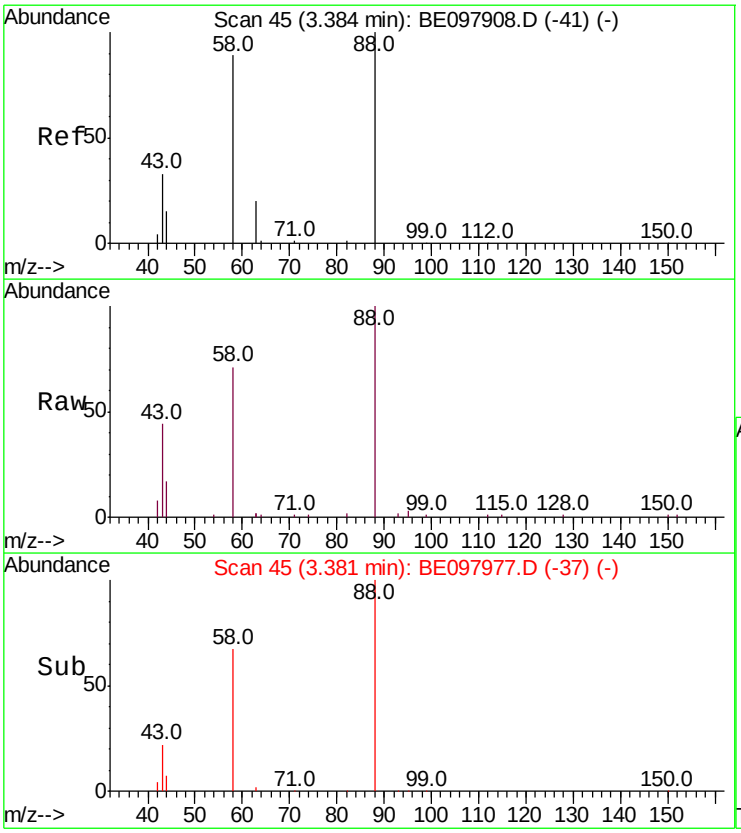
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2268

Ion	Ratio	Lower	Upper
152	100		
150	153.9	118.2	177.4
115	71.3	50.9	76.3

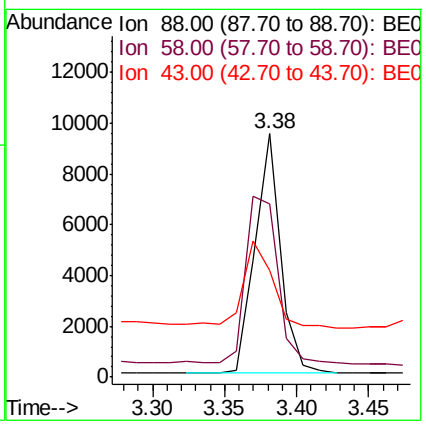


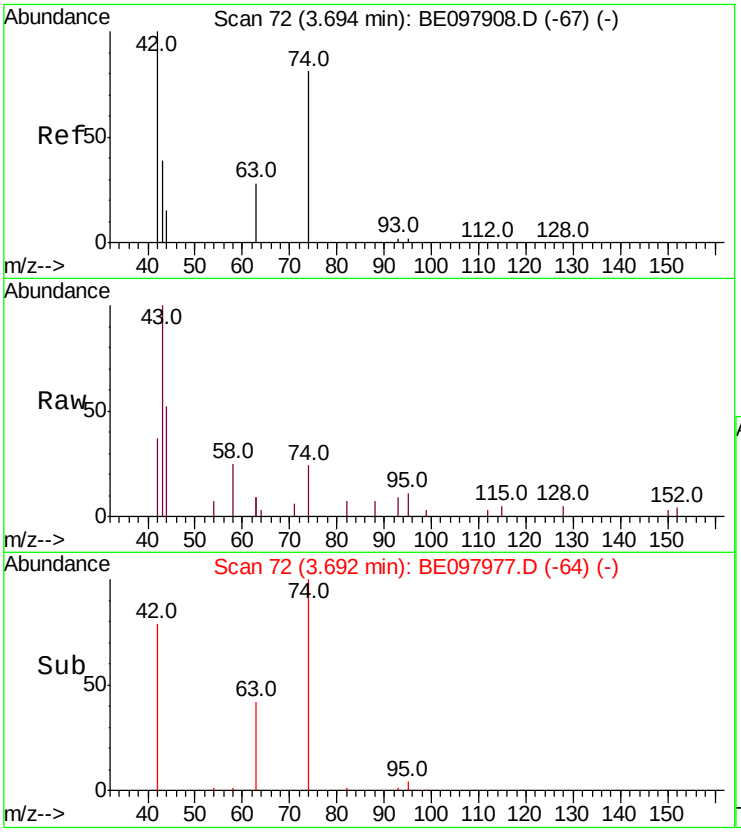


#2
1,4-Dioxane
Concen: 2.949 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion: 88 Resp: 11663

Ion	Ratio	Lower	Upper
88	100		
58	86.3	73.2	109.8
43	42.4	36.9	55.3



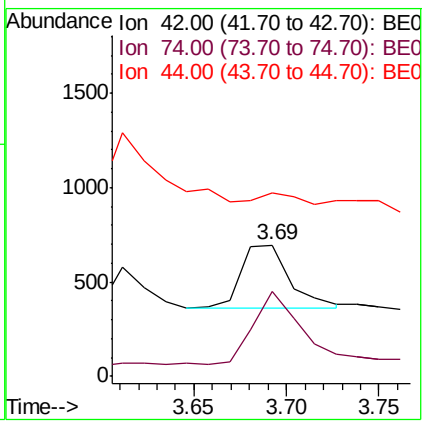


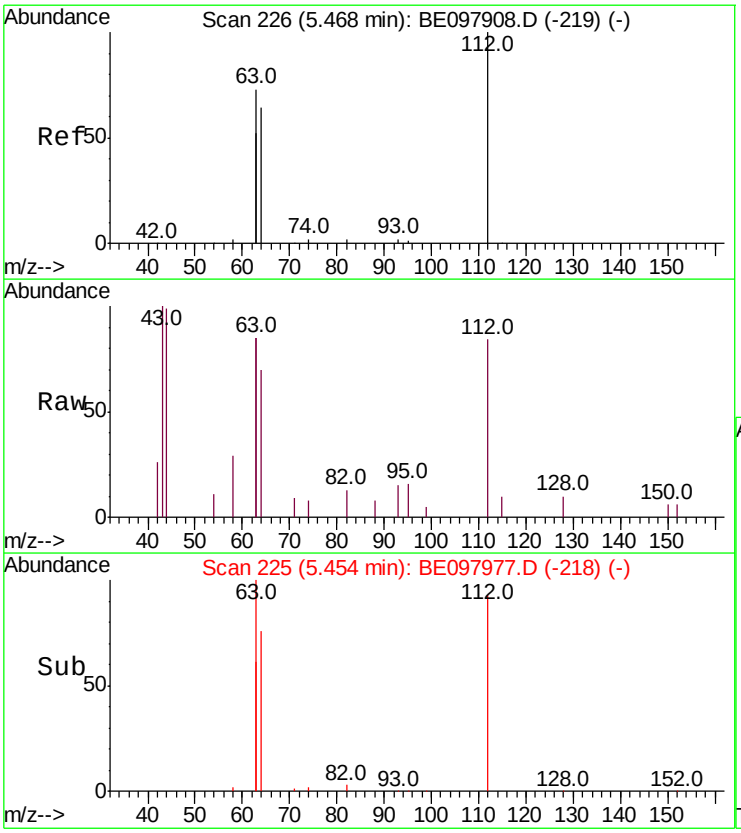
#3
n-Nitrosodimethylamine
Concen: 0.137 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 606

Ion	Ratio	Lower	Upper
42	100		
74	116.8	77.6	116.4#
44	11.7	7.6	11.4#

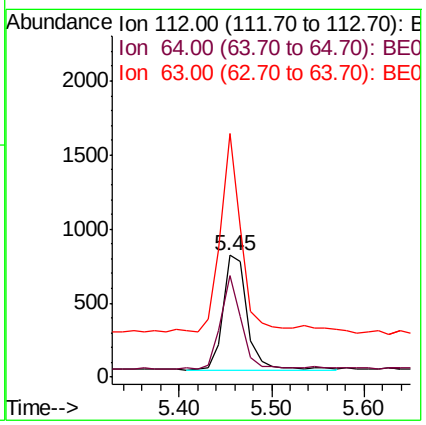


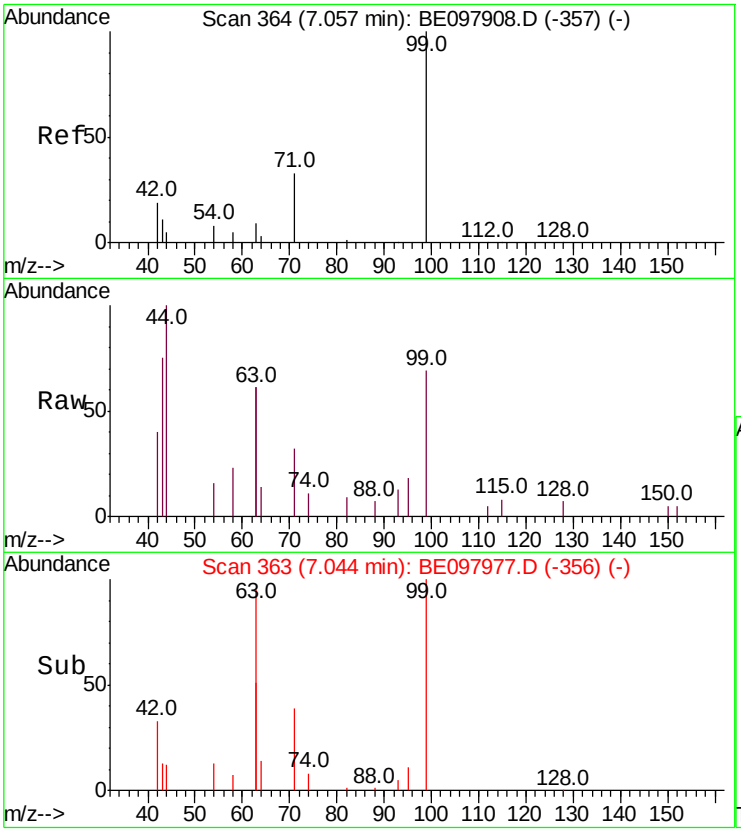


#4
2-Fluorophenol
Concen: 0.196 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:112 Resp: 1399

Ion	Ratio	Lower	Upper
112	100		
64	69.5	58.9	88.3
63	144.2	120.3	180.5



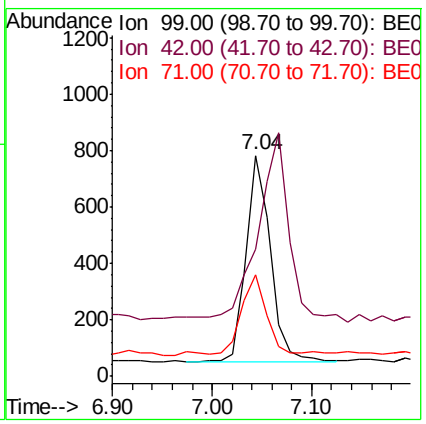


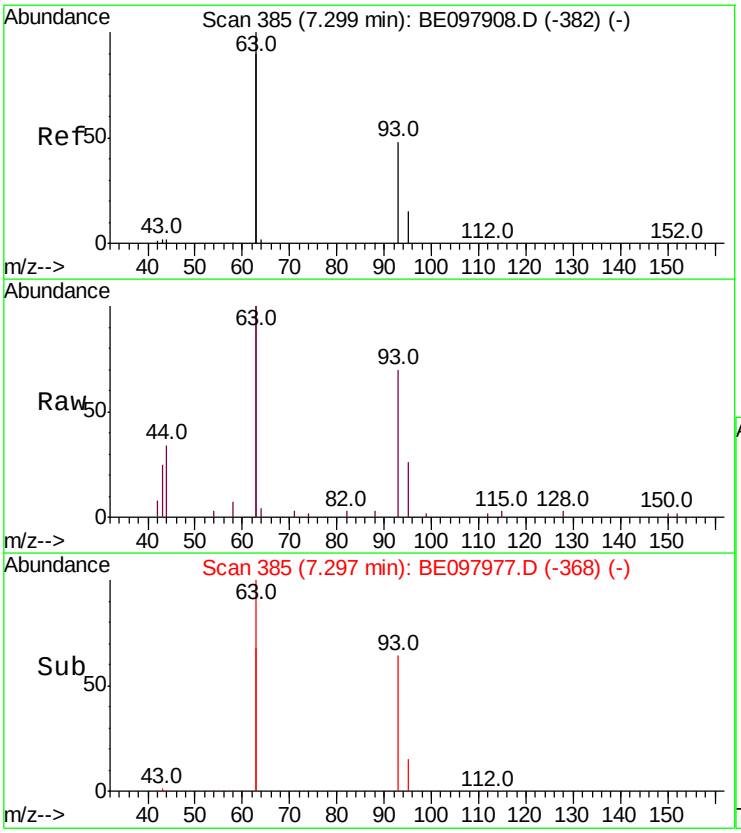
#5
Phenol-d6
Concen: 0.117 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1241

Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.9	29.9#
71	39.5	27.8	41.8

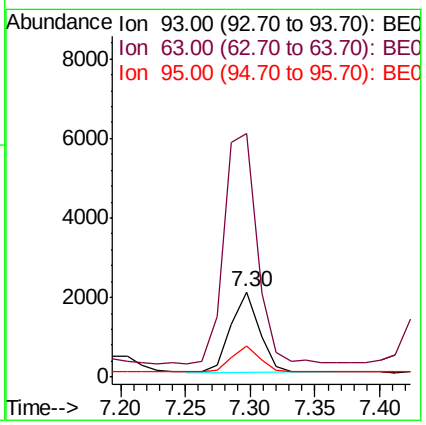


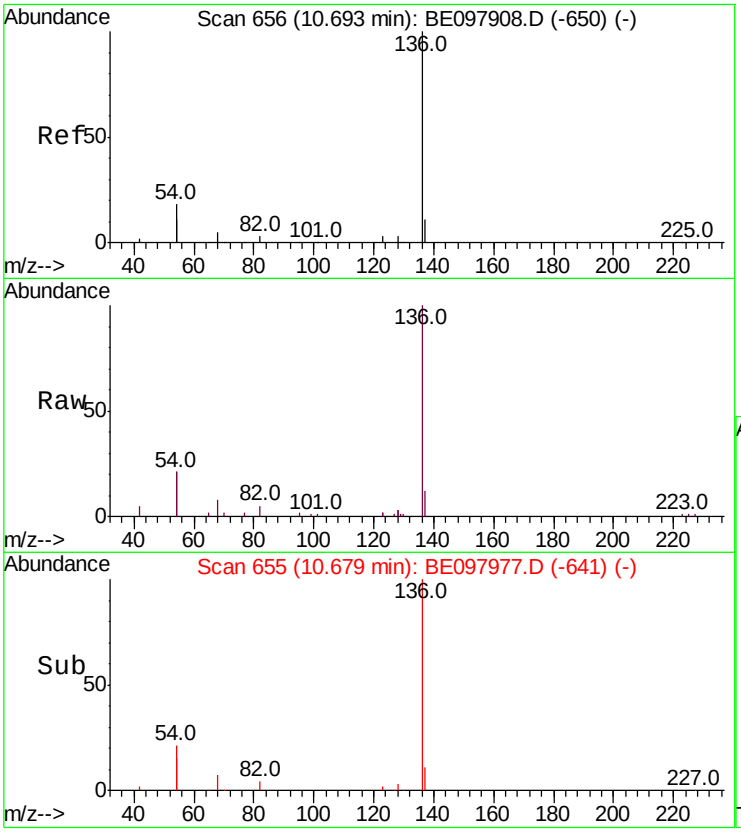


#6
bis(2-Chloroethyl)ether
Concen: 0.346 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion: 93 Resp: 3105

Ion	Ratio	Lower	Upper
93	100		
63	332.3	259.0	388.4
95	33.9	27.8	41.8



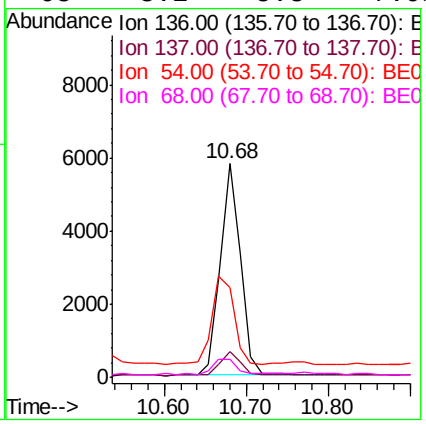


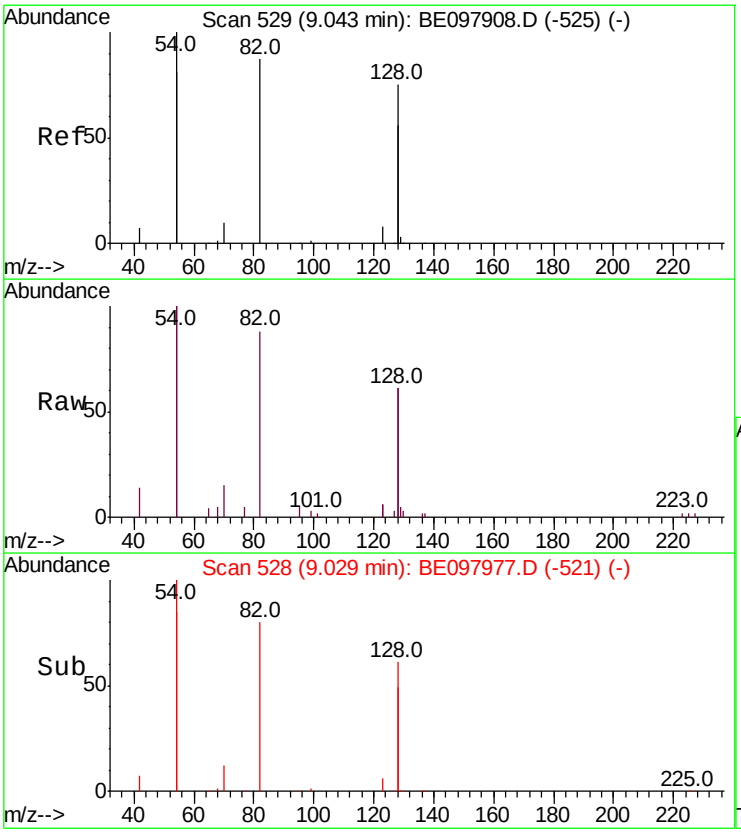
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 9983

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	42.2	27.7	41.5#
68	8.2	5.3	7.9#

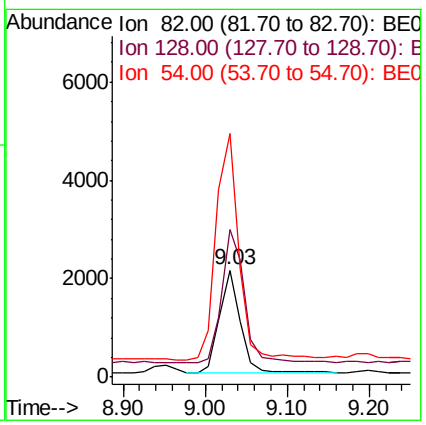


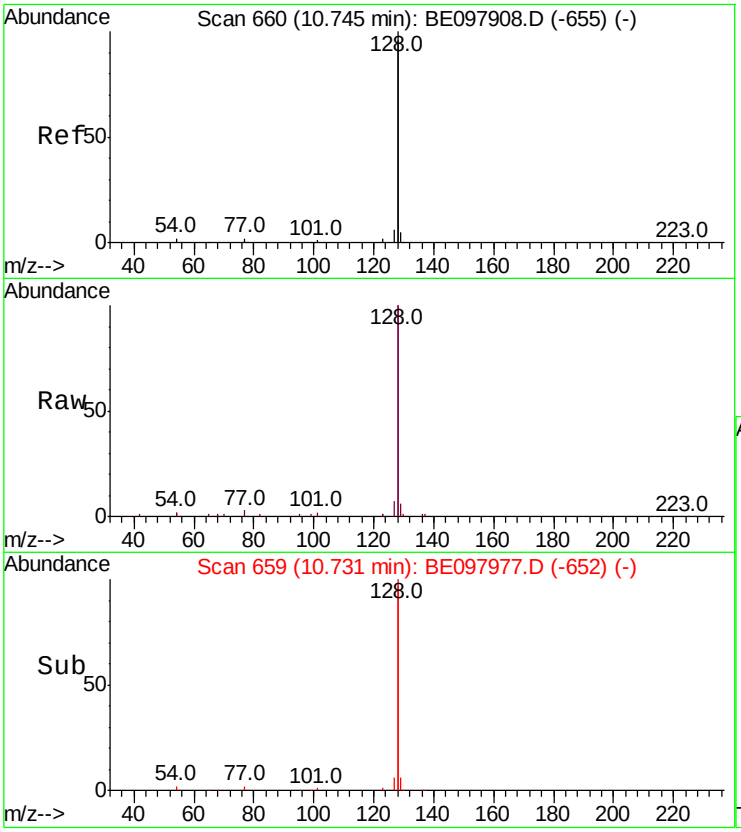


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion: 82 Resp: 3658

Ion	Ratio	Lower	Upper
82	100		
128	138.3	129.9	194.9
54	227.8	174.0	261.0



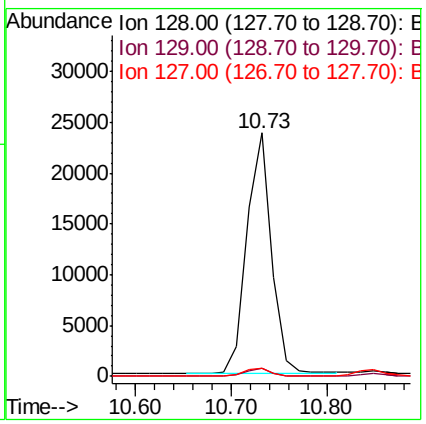


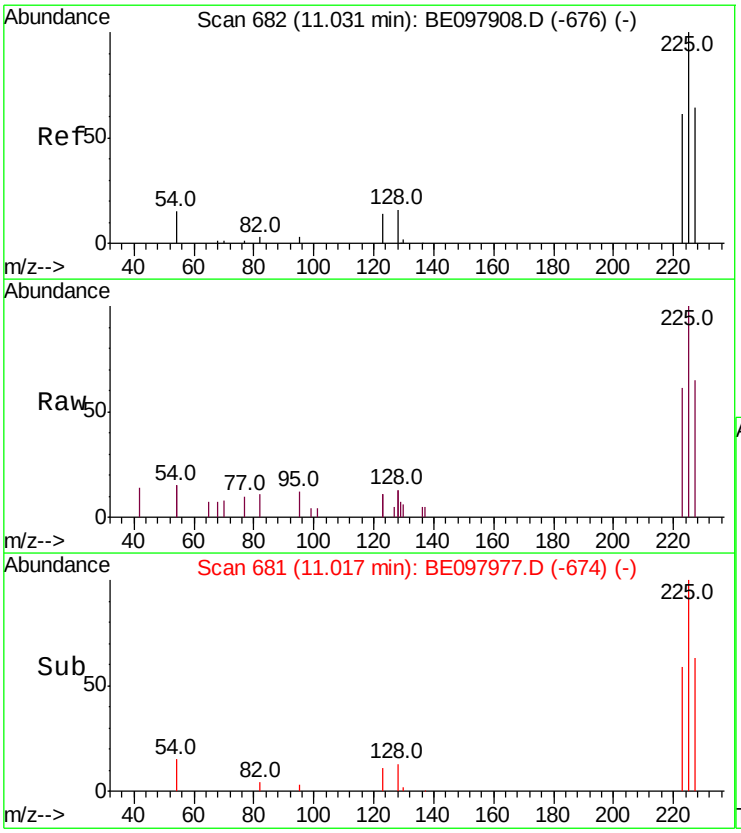
#9
Naphthalene
Concen: 0.424 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 42165

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	3.3	2.8	4.2

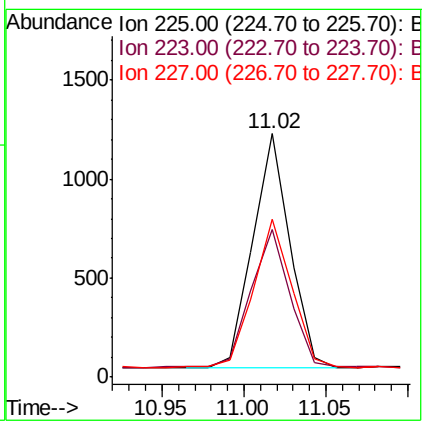


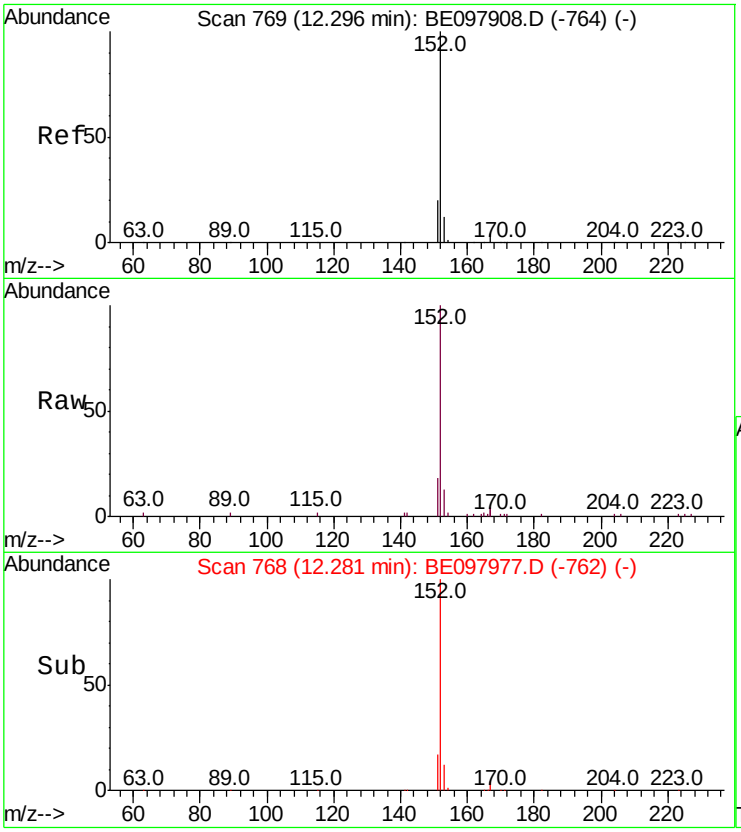


#10
Hexachlorobutadiene
Concen: 0.343 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:225 Resp: 1839

Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.8	77.8
227	66.7	53.0	79.6



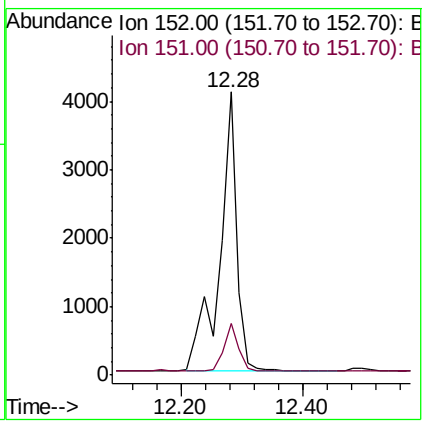


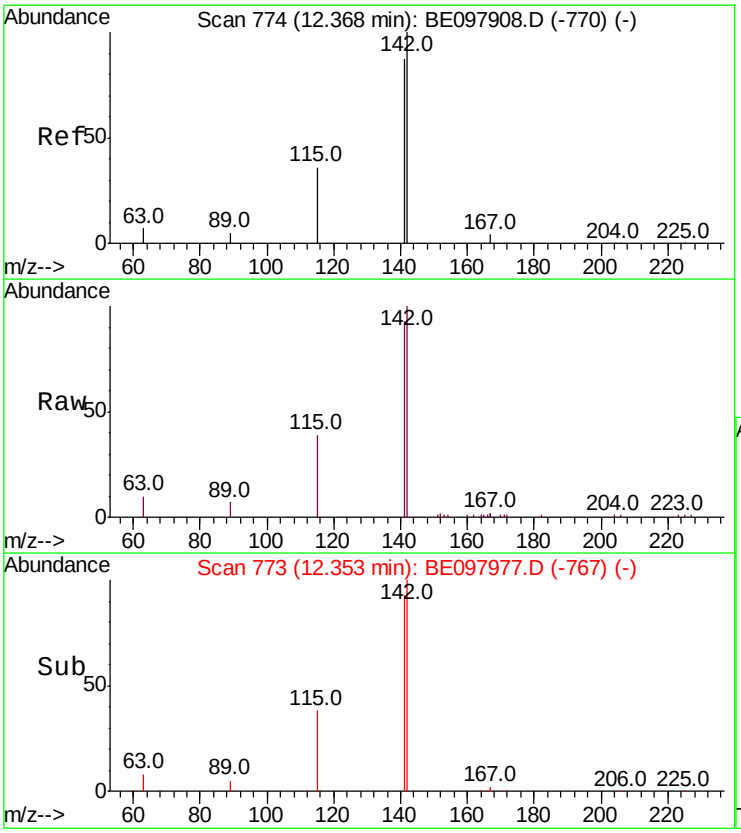
#11
2-Methylnaphthalene-d10
Concen: 0.495 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8218

Ion	Ratio	Lower	Upper
152	100		
151	14.8	16.2	24.4#

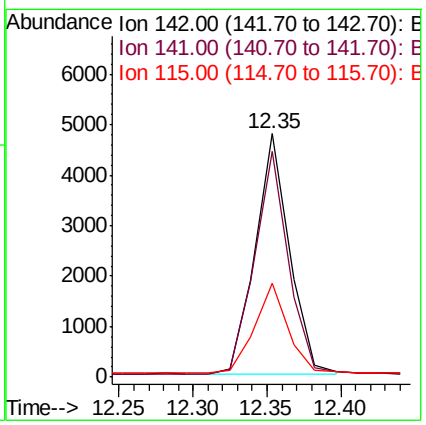


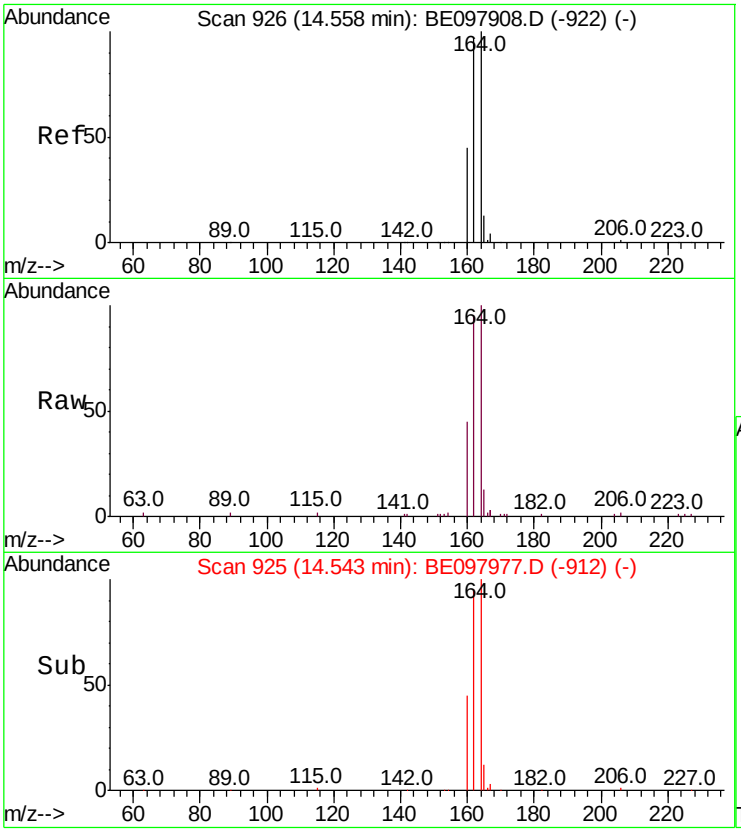


#12
2-Methylnaphthalene
Concen: 0.445 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:142 Resp: 7571

Ion	Ratio	Lower	Upper
142	100		
141	92.8	69.8	104.6
115	38.7	30.5	45.7



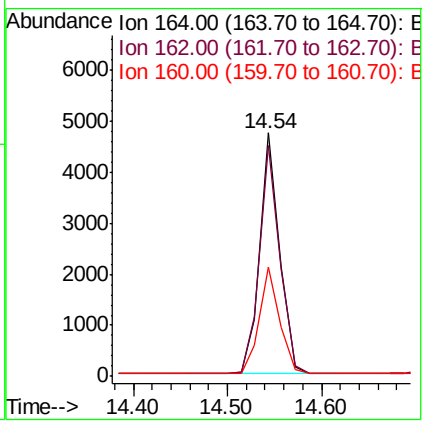


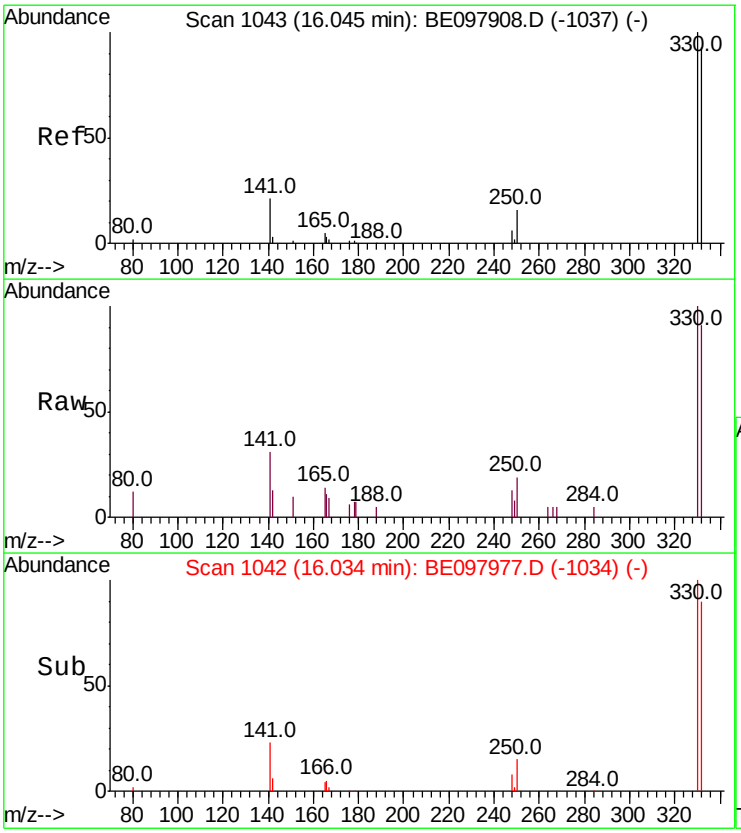
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6952

Ion	Ratio	Lower	Upper
164	100		
162	94.7	77.4	116.2
160	45.1	36.5	54.7

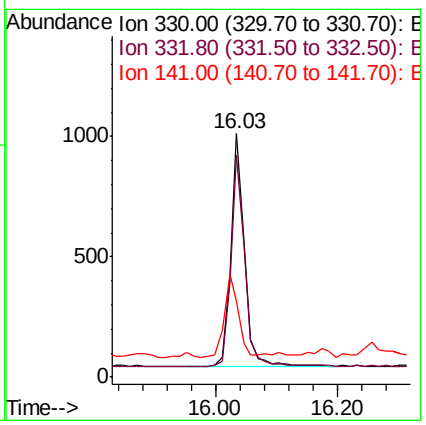


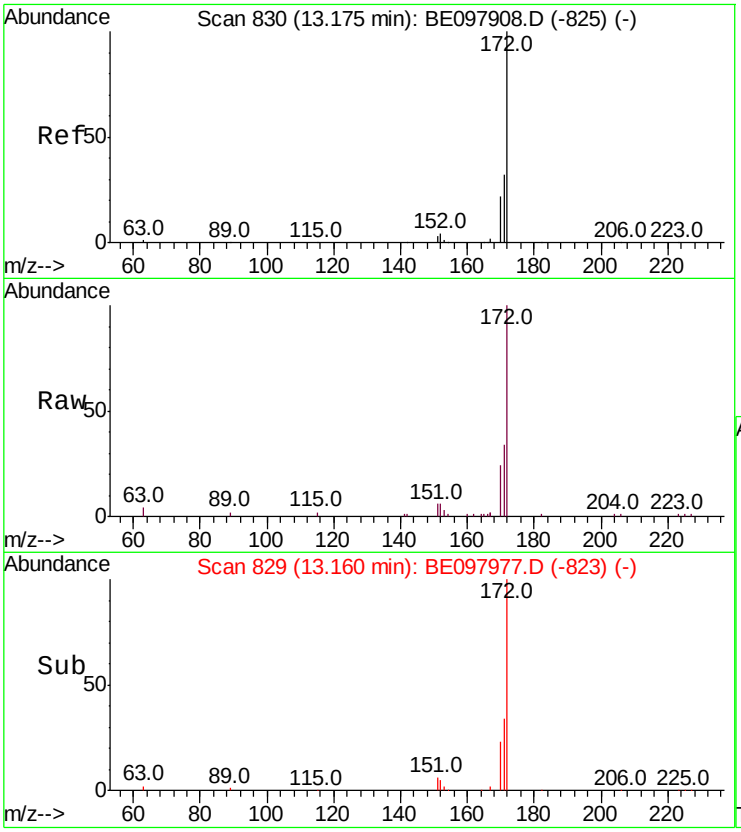


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:330 Resp: 1487

Ion	Ratio	Lower	Upper
330	100		
332	92.9	76.5	114.7
141	36.7	31.8	47.6



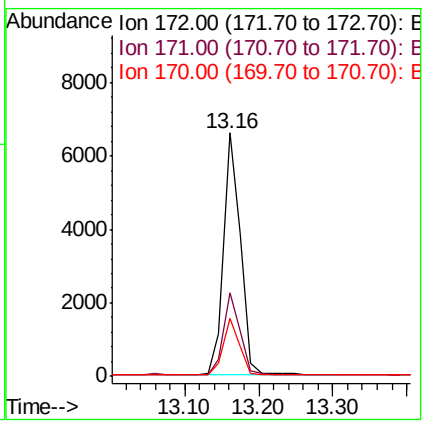


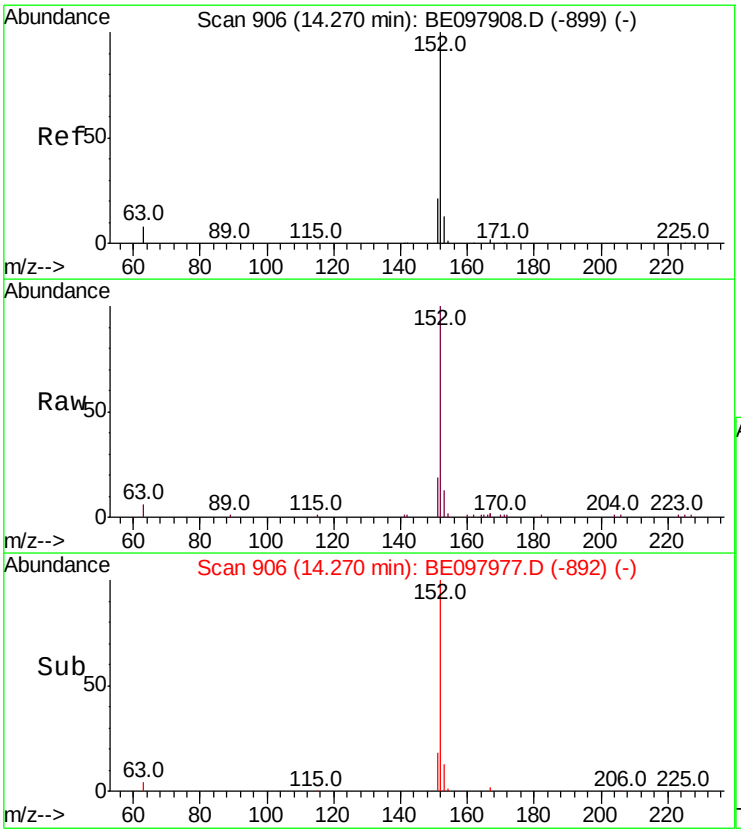
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10384

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.0	39.0
170	23.7	18.0	27.0

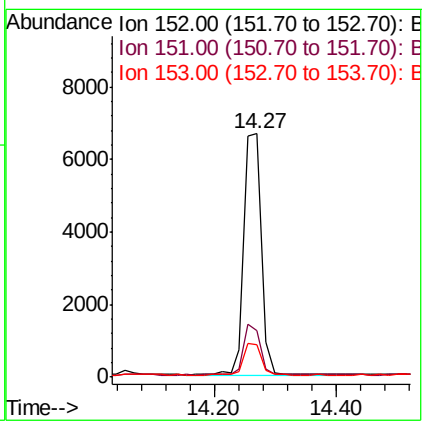


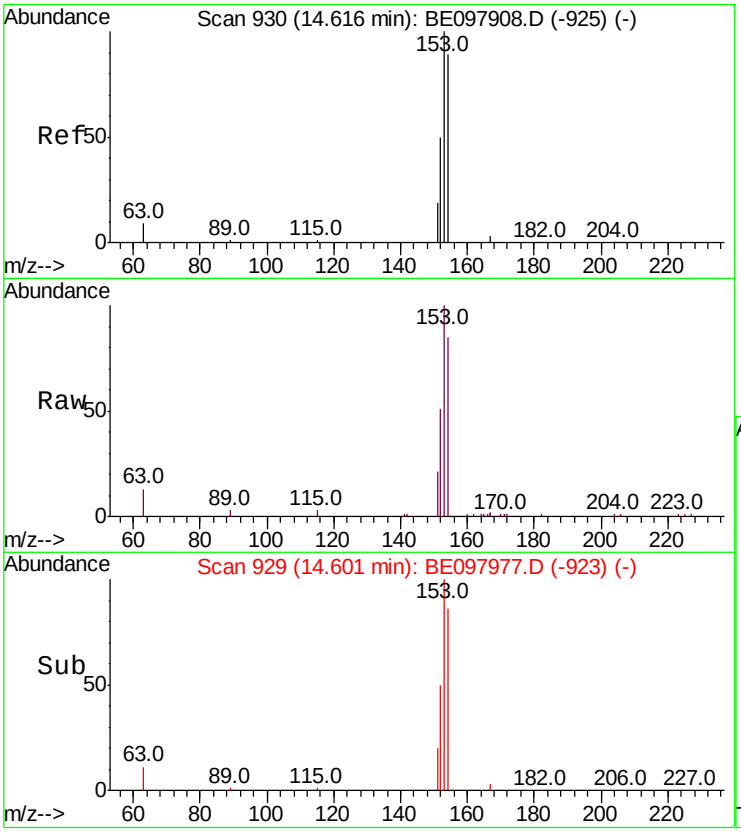


#16
Acenaphthylene
Concen: 0.409 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:152 Resp: 13148

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.0	10.9	16.3



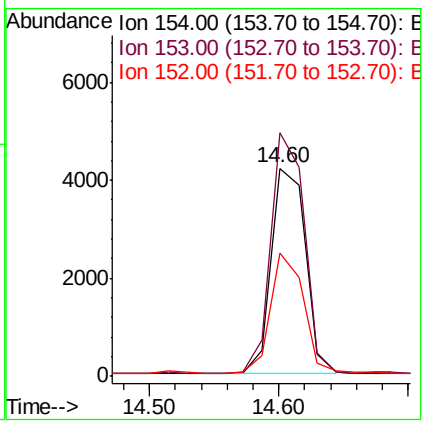


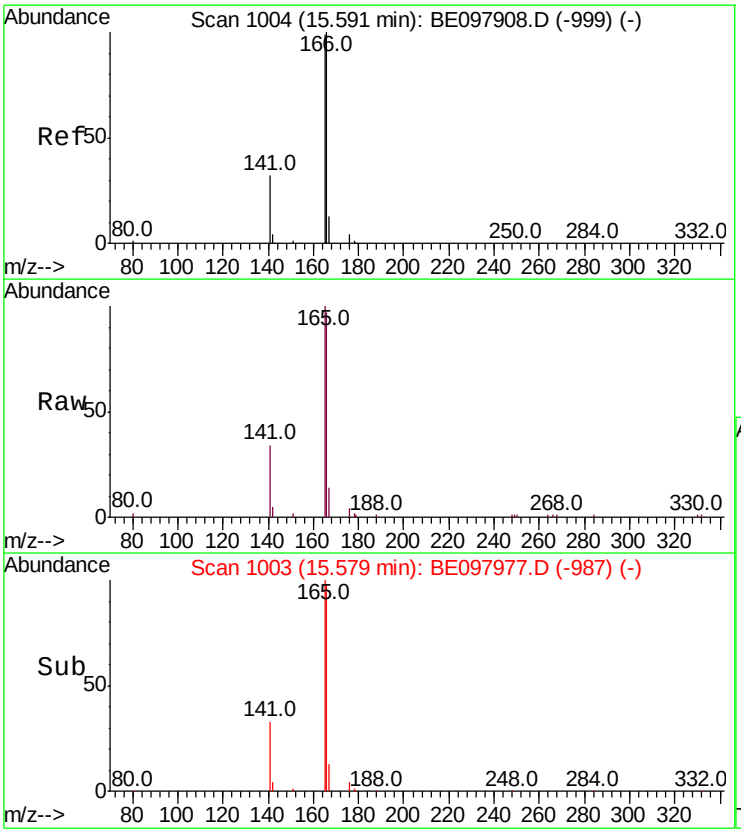
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7669

Ion	Ratio	Lower	Upper
154	100		
153	115.5	92.6	139.0
152	56.9	45.5	68.3

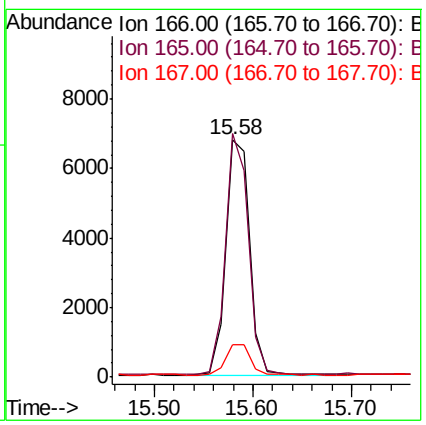


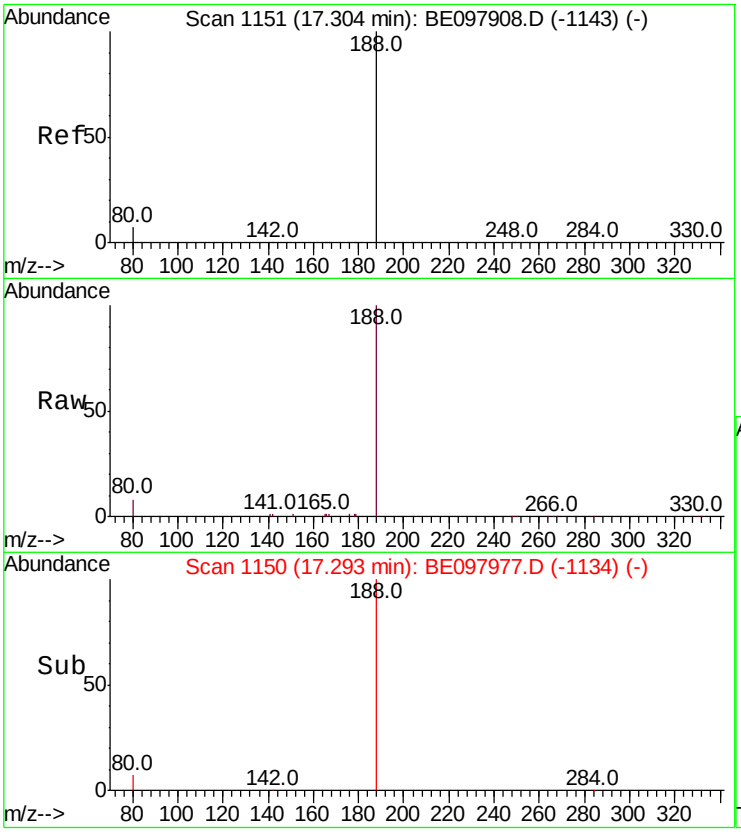


#18
Fluorene
Concen: 0.419 ng
RT: 15.58 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:166 Resp: 11317

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.2	117.4
167	13.9	11.0	16.6



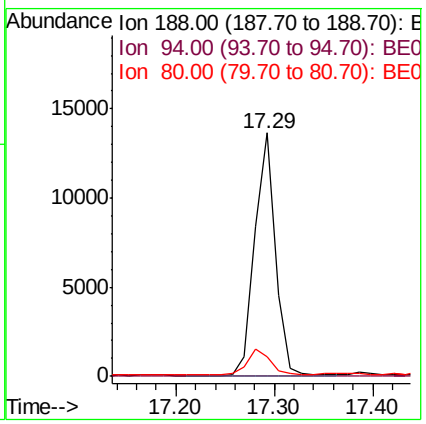


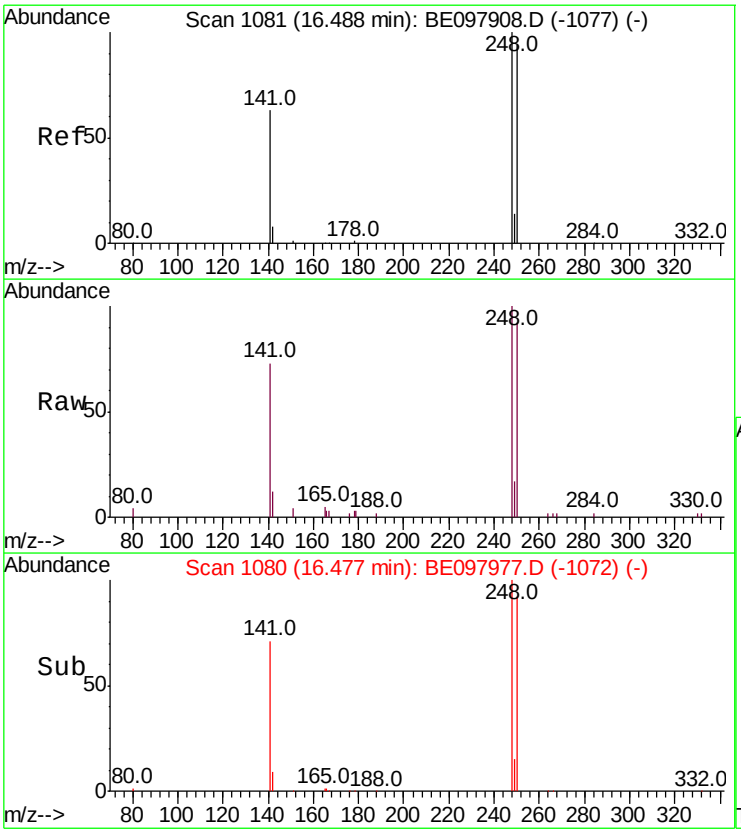
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19706

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.3	9.5

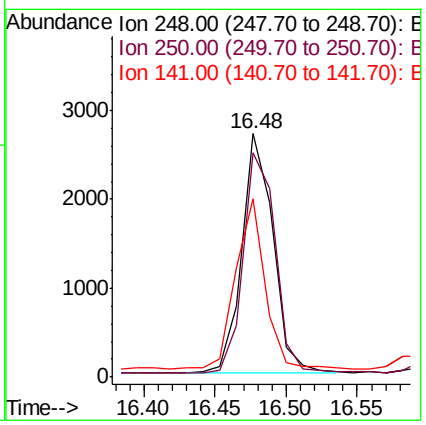


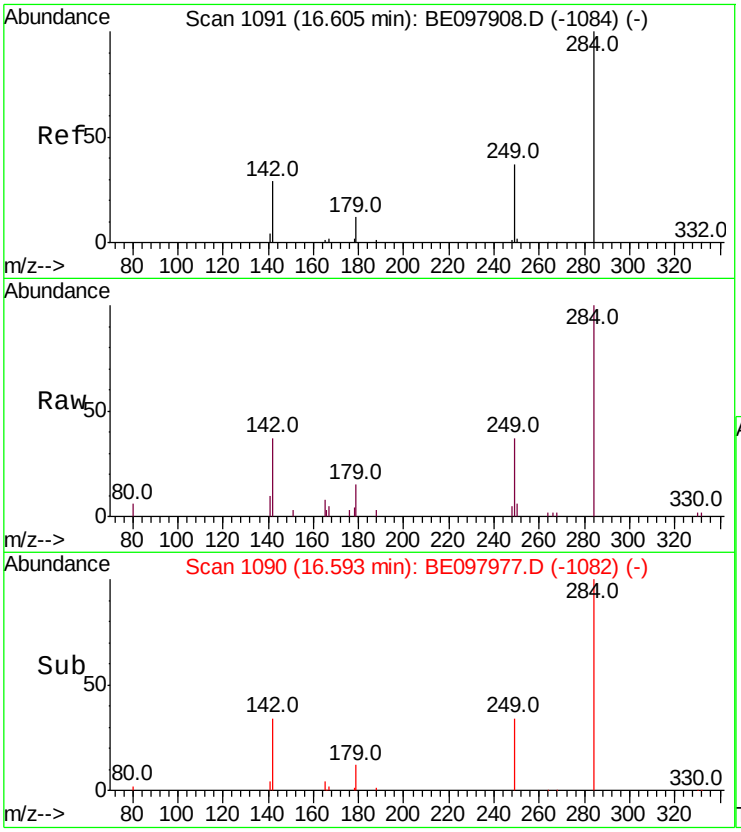


#20
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.48 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:248 Resp: 4097

Ion	Ratio	Lower	Upper
248	100		
250	92.2	75.1	112.7
141	73.5	51.8	77.8



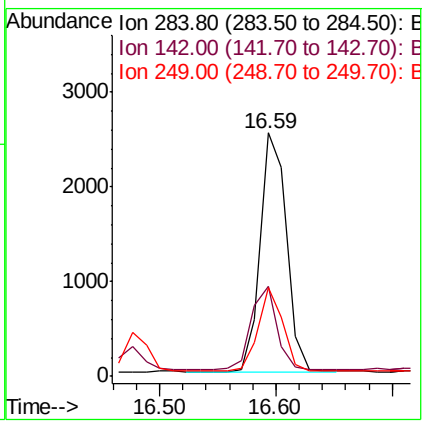


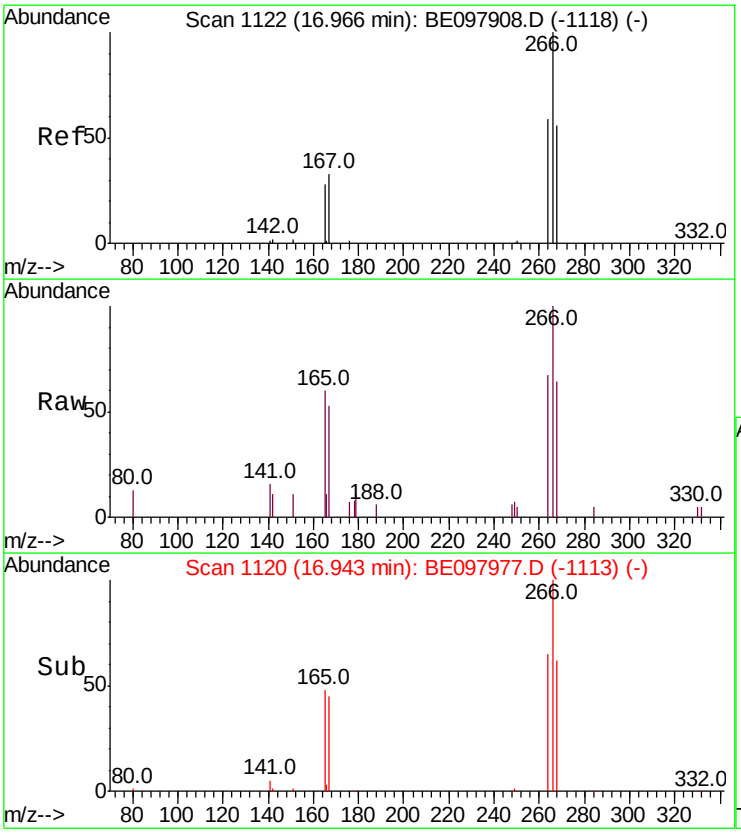
#21
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3981

Ion	Ratio	Lower	Upper
284	100		
142	35.0	25.9	38.9
249	32.6	26.6	40.0

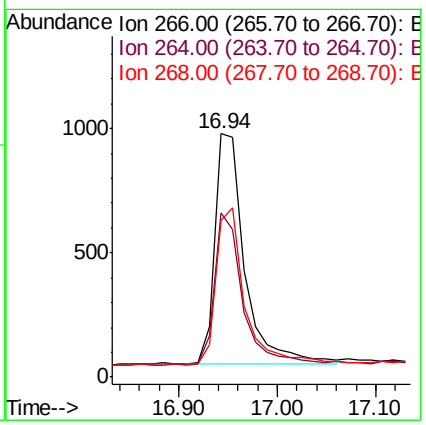


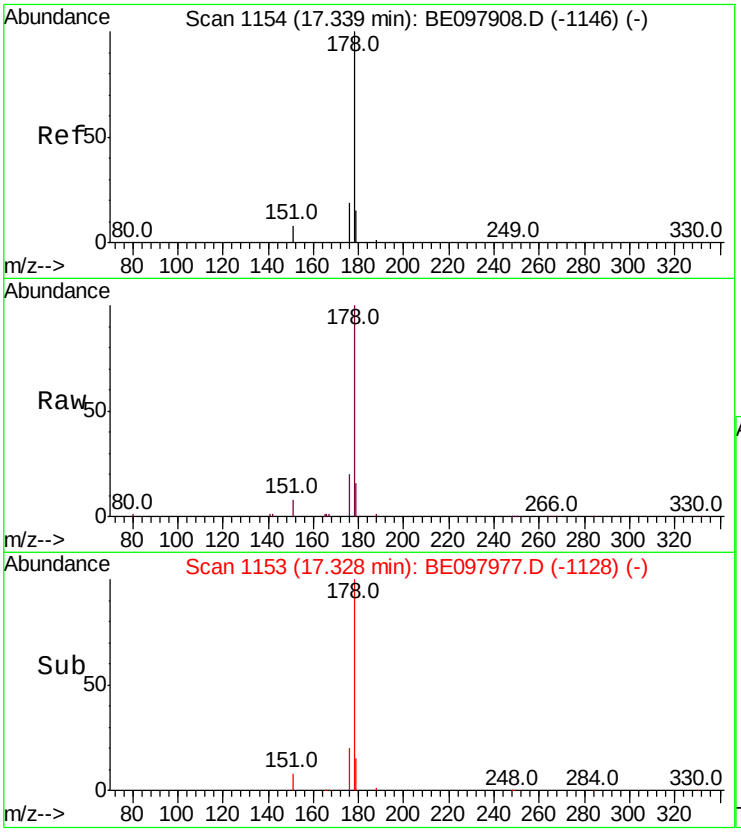


#22
Pentachlorophenol
Concen: 0.694 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:266 Resp: 1973

Ion	Ratio	Lower	Upper
266	100		
264	67.2	51.3	76.9
268	64.2	50.1	75.1



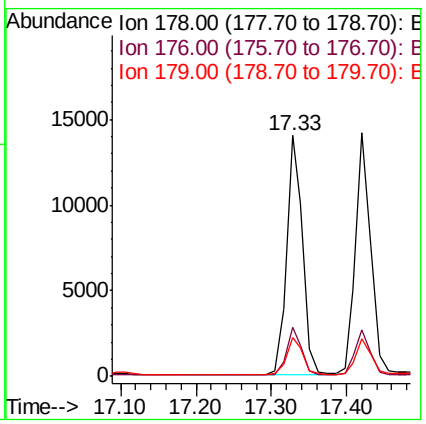


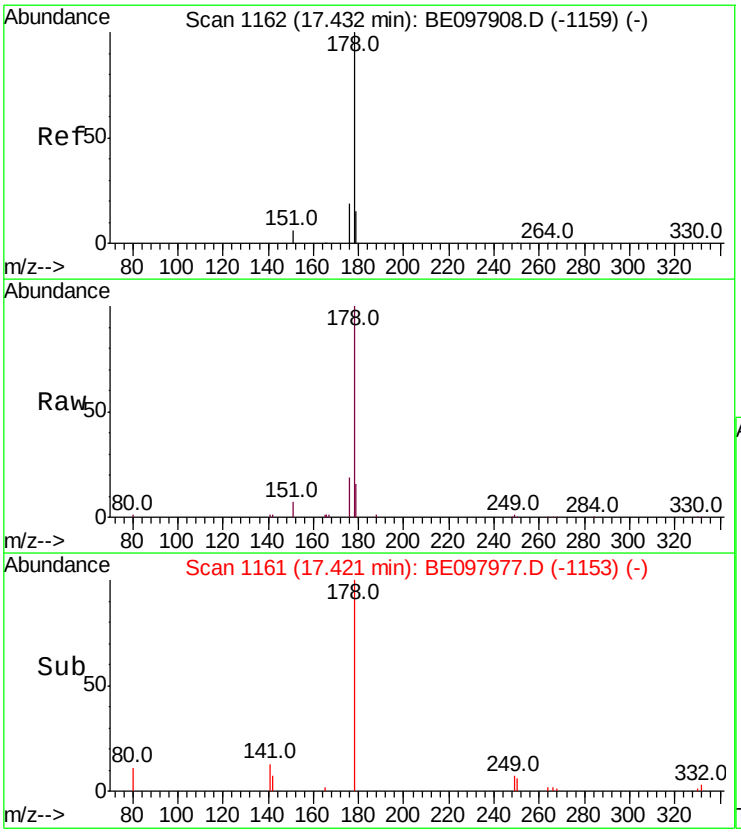
#23
Phenanthrene
Concen: 0.419 ng
RT: 17.33 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 20968

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	16.5	12.2	18.4

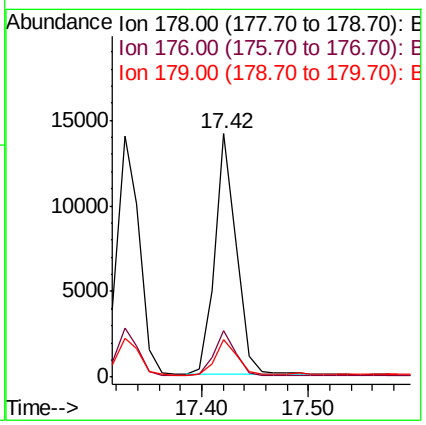


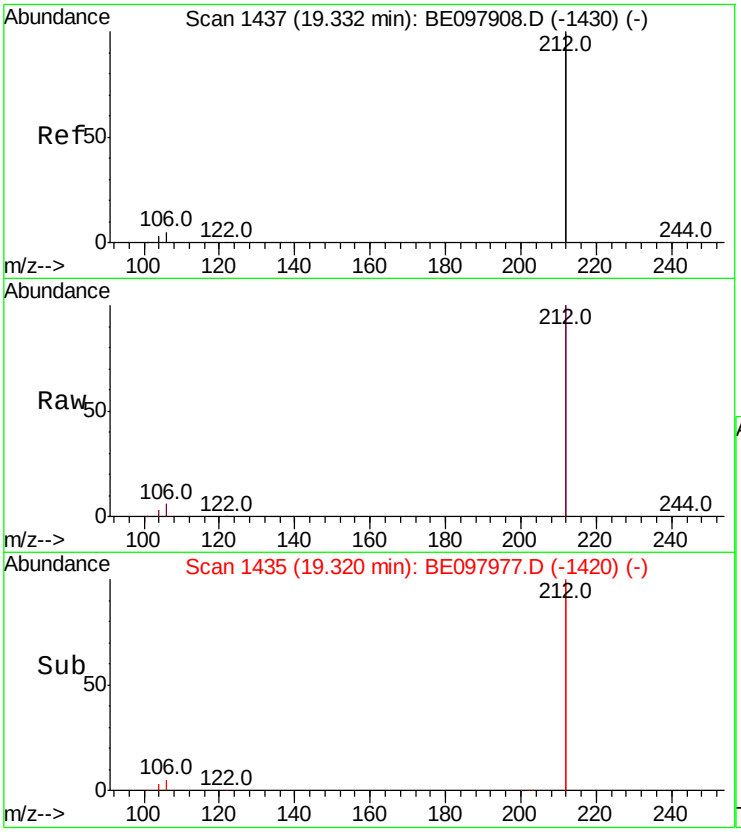


#24
Anthracene
Concen: 0.420 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:178 Resp: 19874

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.0	11.9	17.9



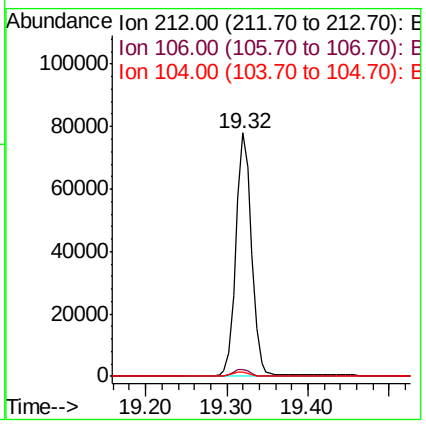


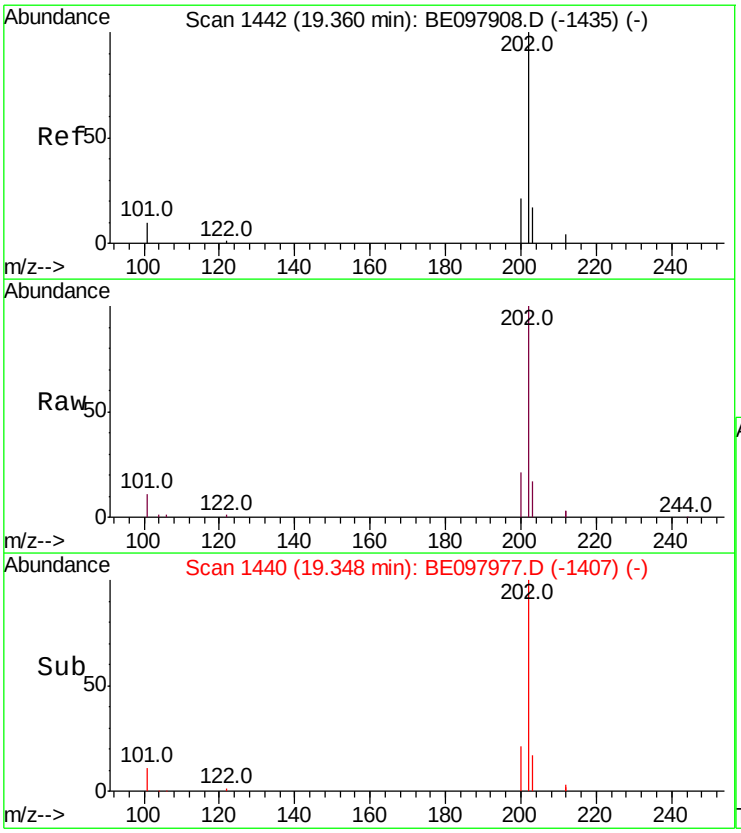
#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 102823

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9

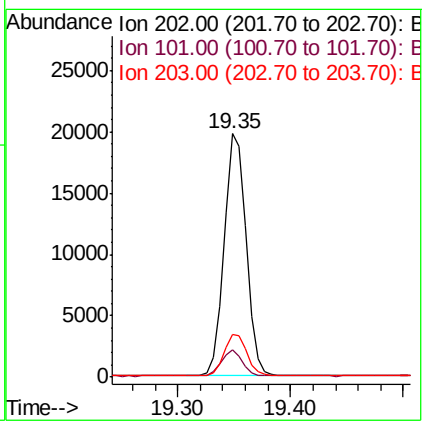


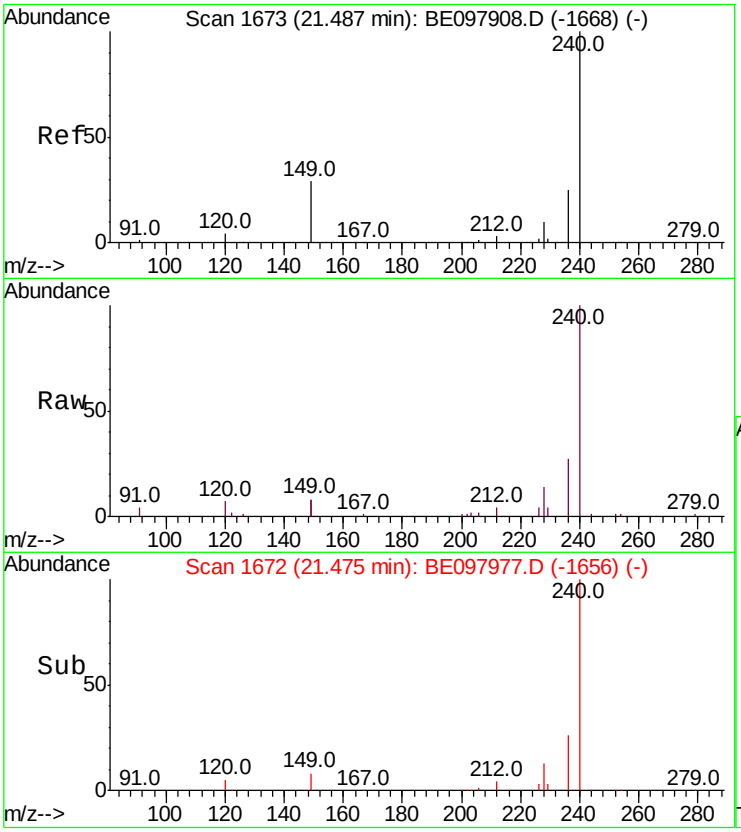


#26
Fluoranthene
Concen: 0.412 ng
RT: 19.35 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:202 Resp: 27082

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.2
203	17.1	15.0	22.4



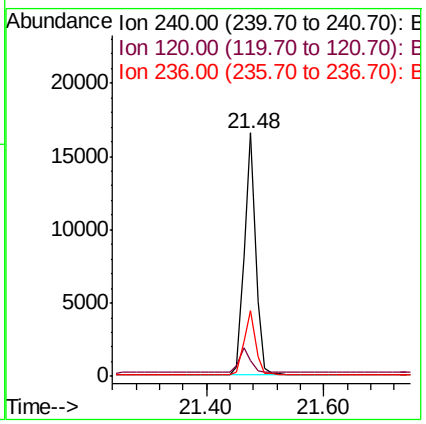


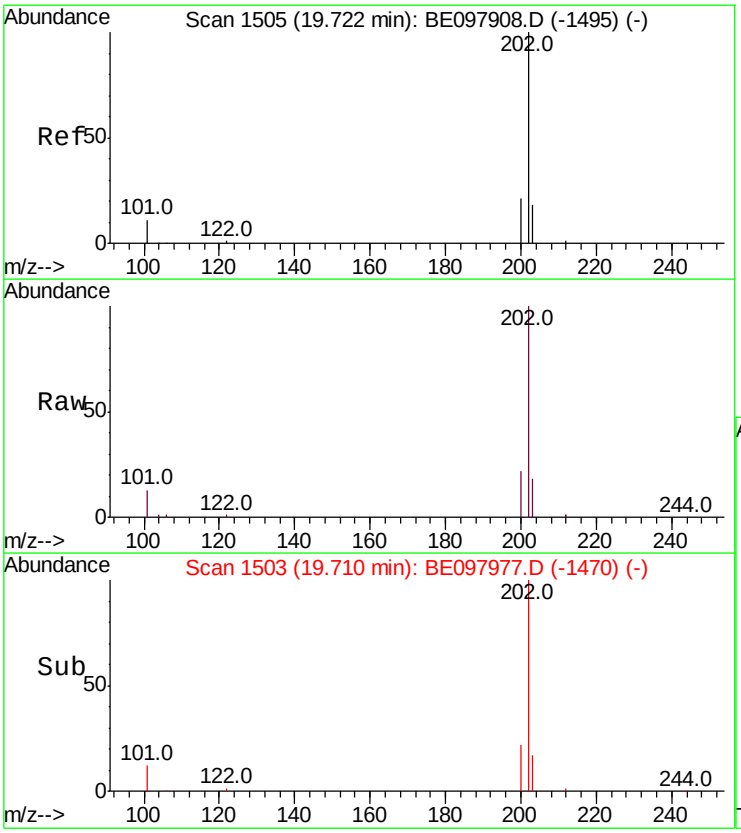
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 22711

Ion	Ratio	Lower	Upper
240	100		
120	6.7	7.1	10.7#
236	27.0	21.3	31.9

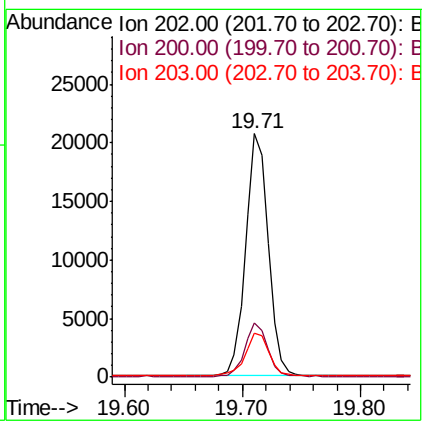


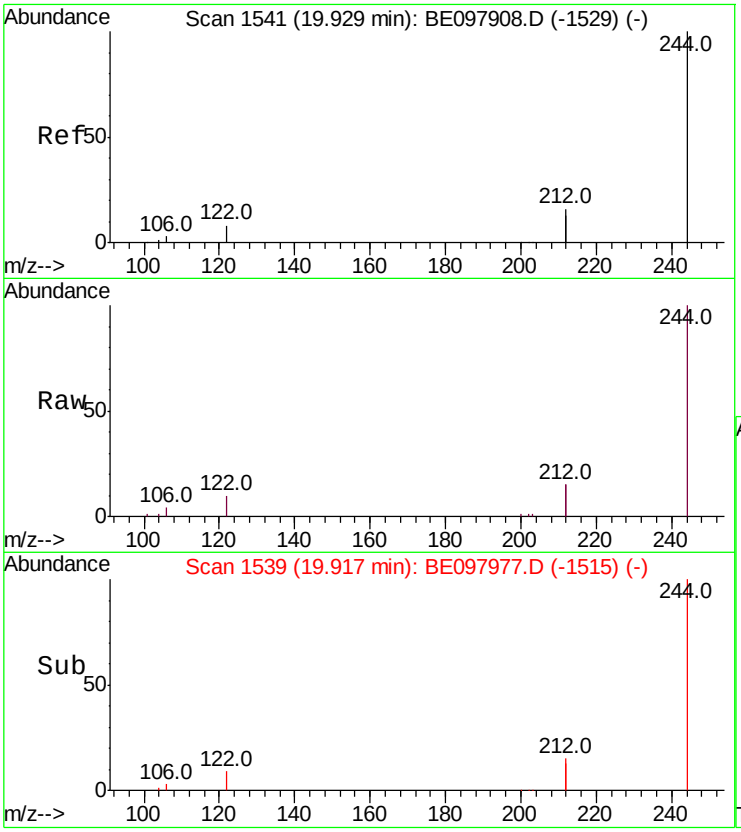


#28
Pyrene
Concen: 0.420 ng
RT: 19.71 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:202 Resp: 27503

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	18.1	14.2	21.4



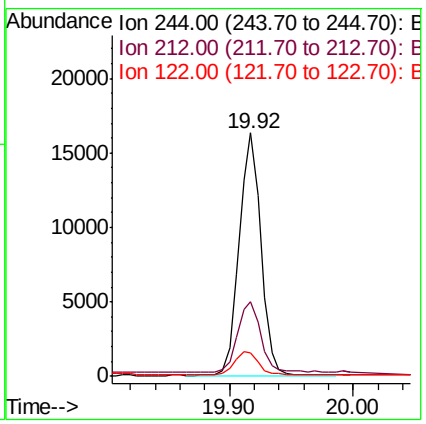


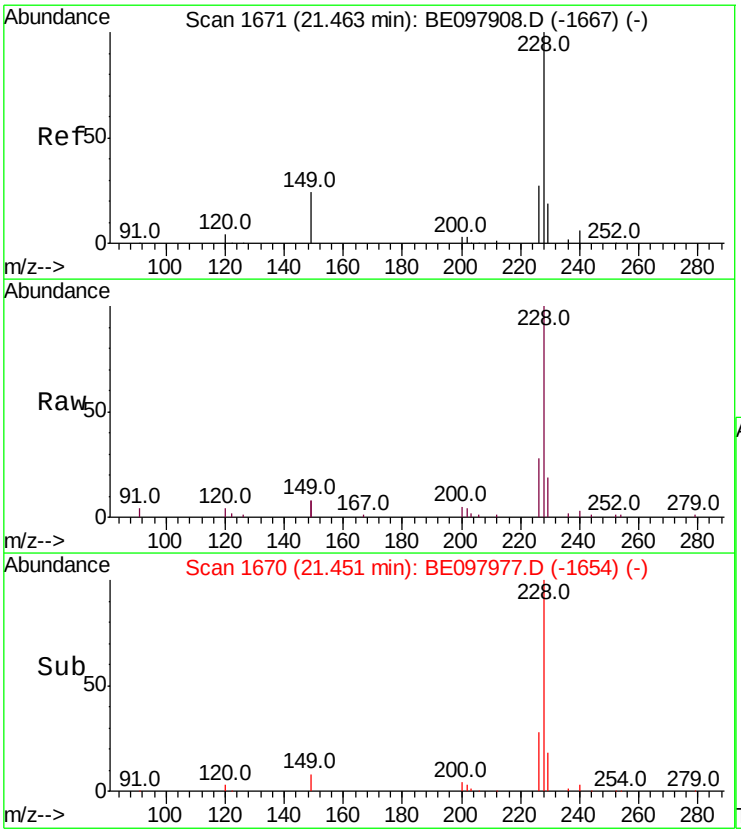
#29
Terphenyl-d14
Concen: 0.385 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 20020

Ion	Ratio	Lower	Upper
244	100		
212	30.9	26.2	39.2
122	9.6	7.7	11.5

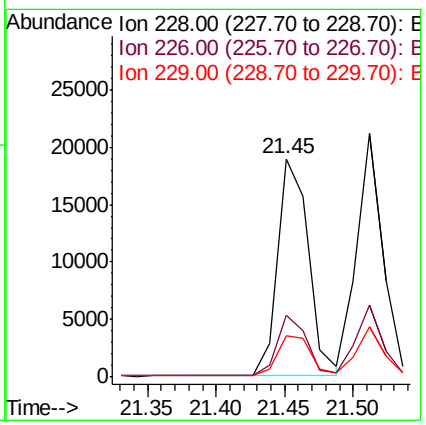


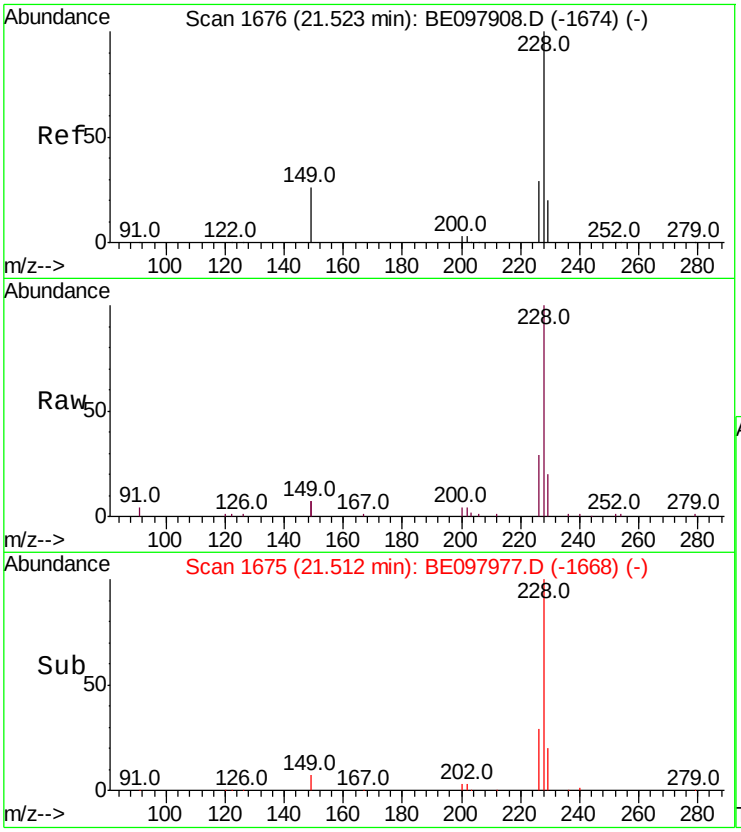


#30
Benzo(a)anthracene
Concen: 0.423 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:228 Resp: 29442

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.1	16.9	25.3



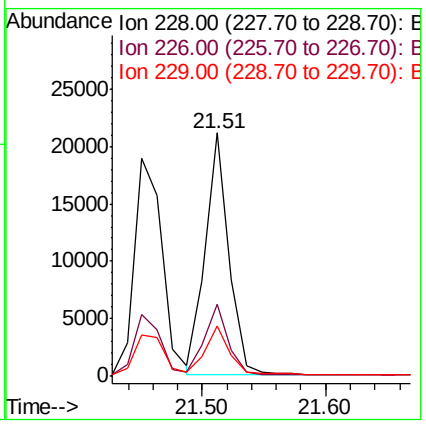


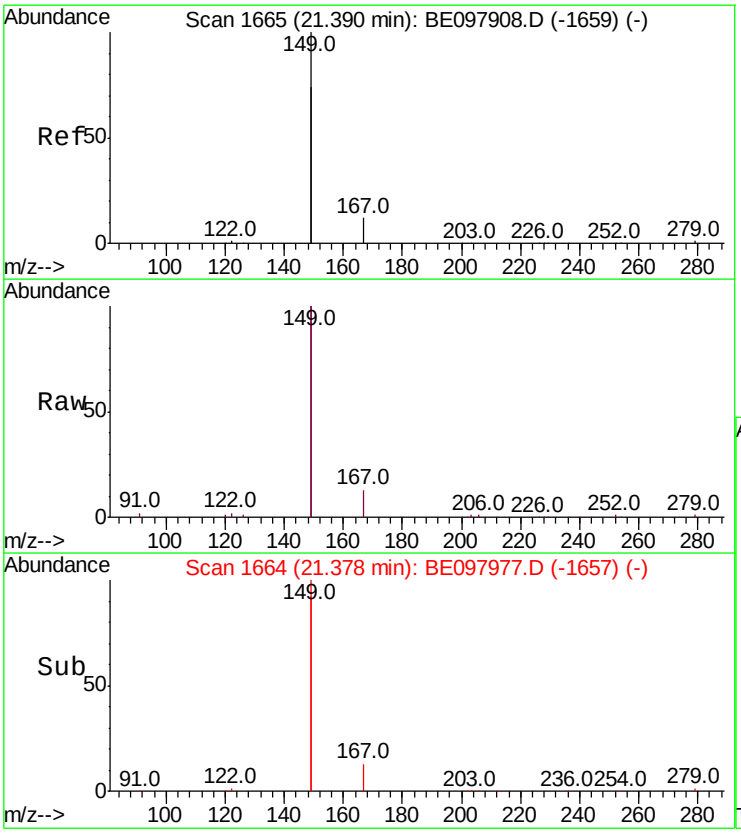
#31
Chrysene
Concen: 0.424 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 27950

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.3	36.5
229	20.5	17.3	25.9

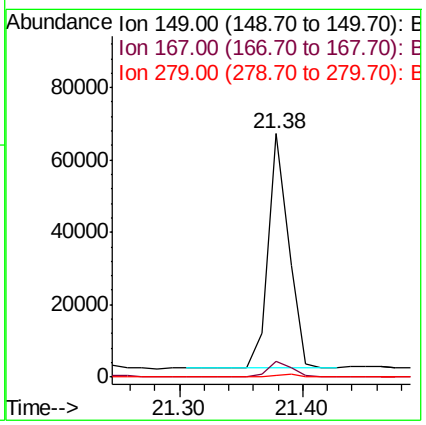


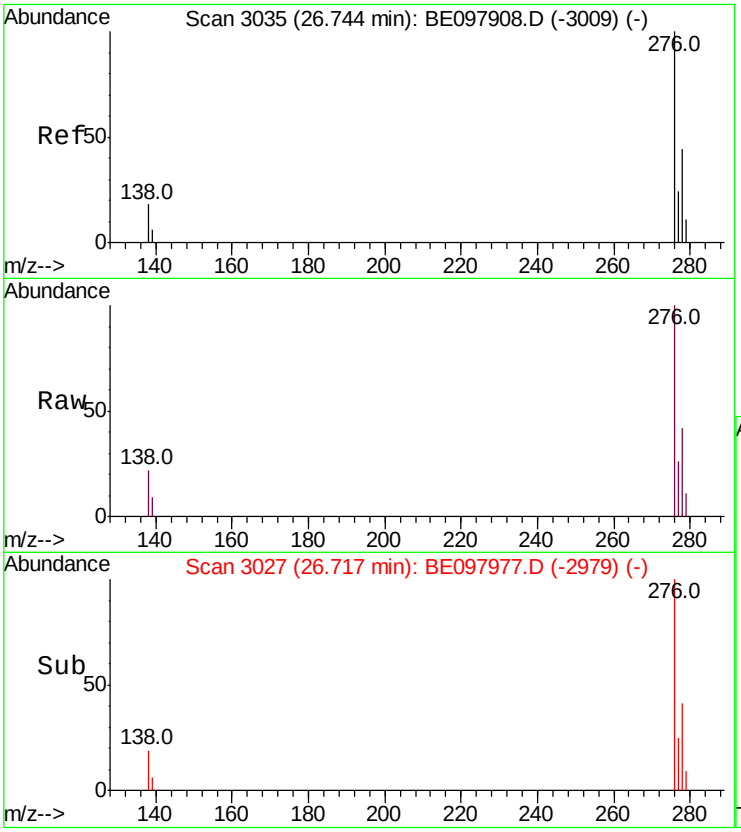


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.498 ng
RT: 21.38 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:149 Resp: 76247

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.1	0.9	1.3



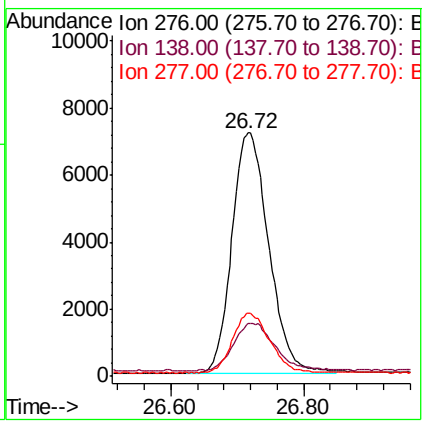


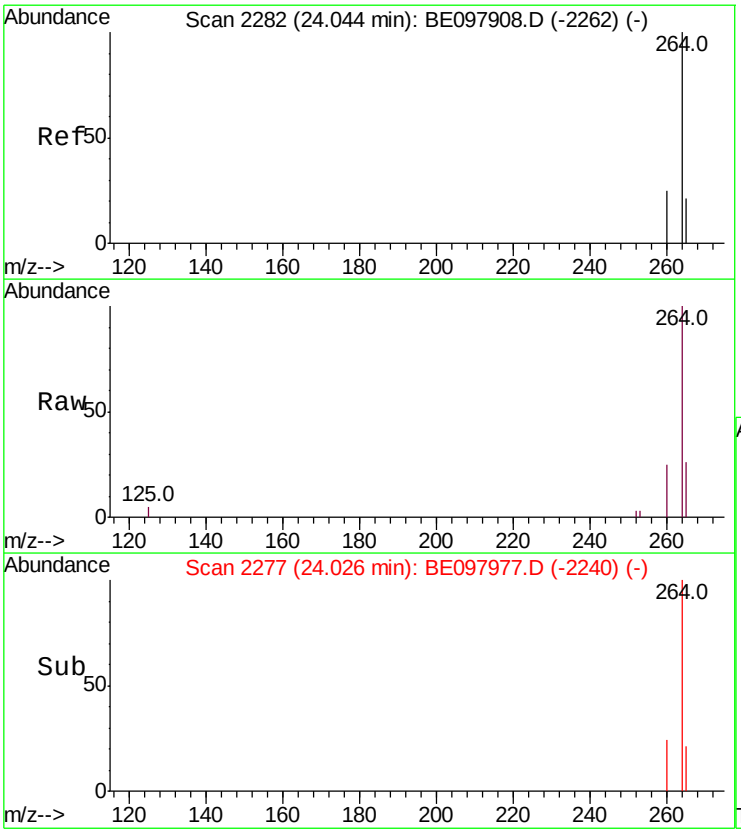
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.03 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 27732

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.0	25.6
277	24.9	20.5	30.7

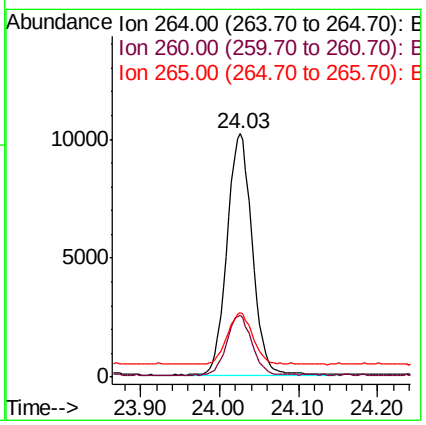


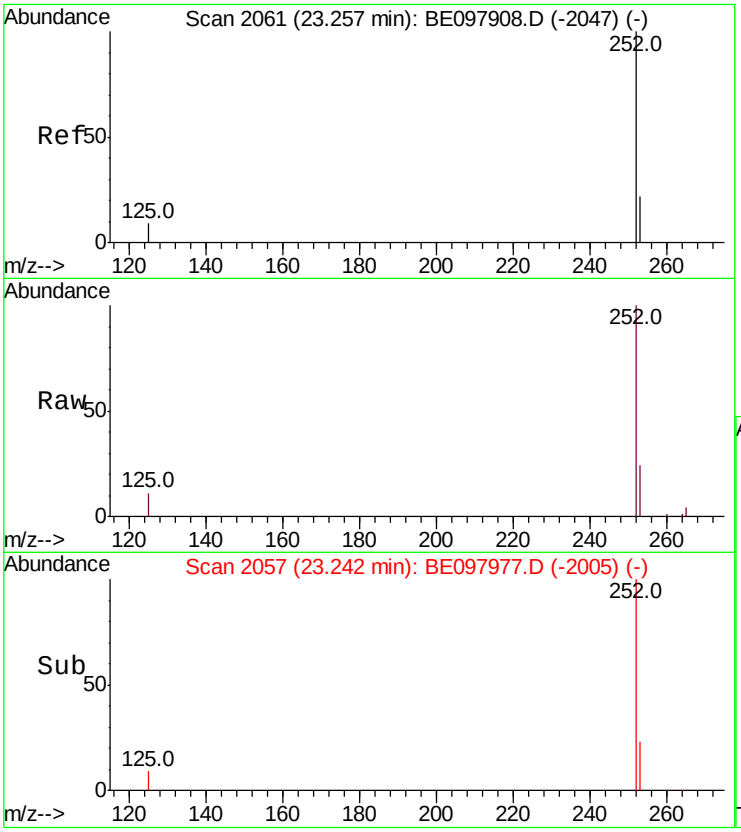


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:264 Resp: 22380

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.1	31.7
265	26.4	29.2	43.8#



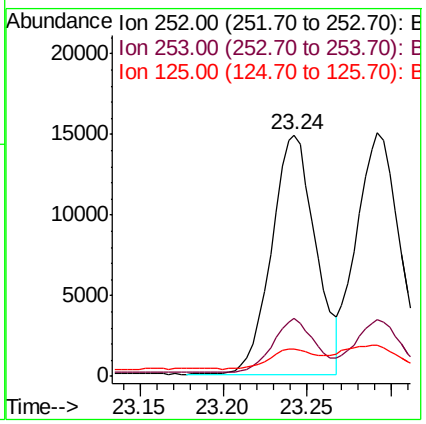


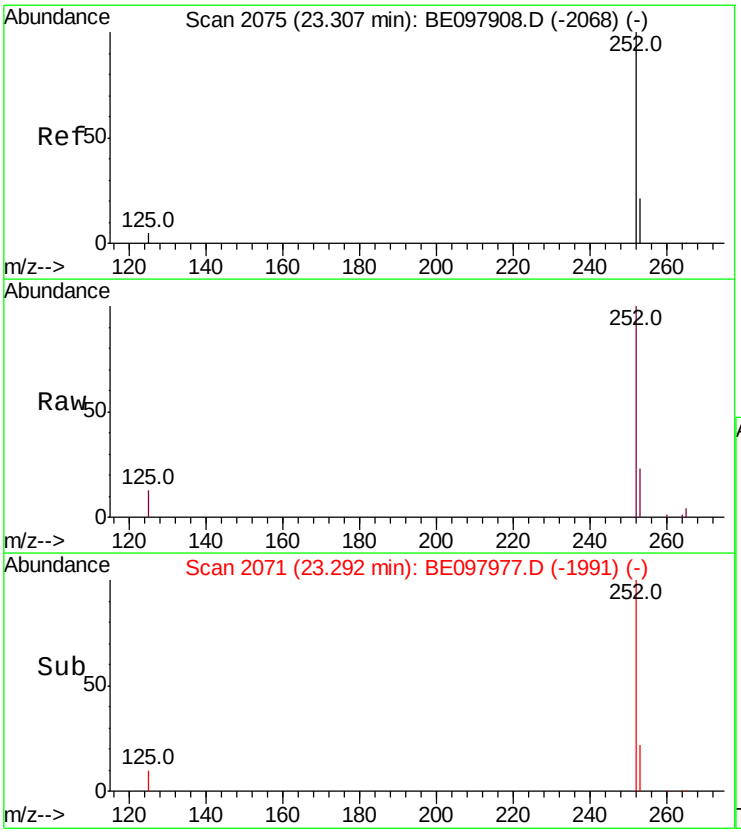
#35
Benzo(b)fluoranthene
Concen: 0.423 ng
RT: 23.24 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 27222

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.6	31.0
125	11.5	14.3	21.5#

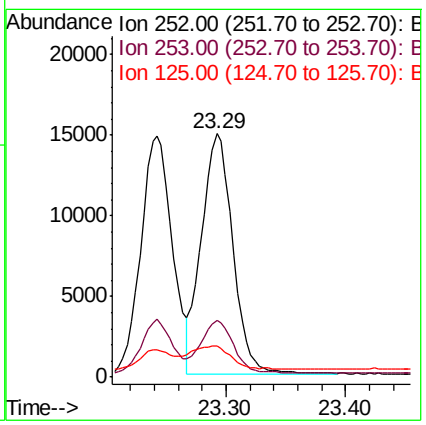


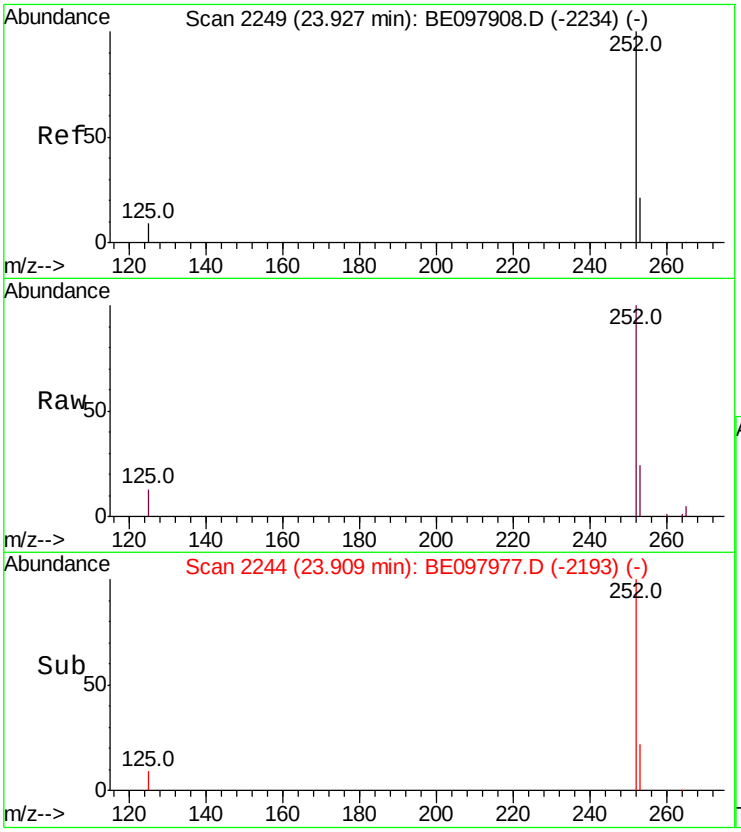


#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 23.29 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:252 Resp: 27203

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.4	30.6
125	12.6	14.6	21.8#



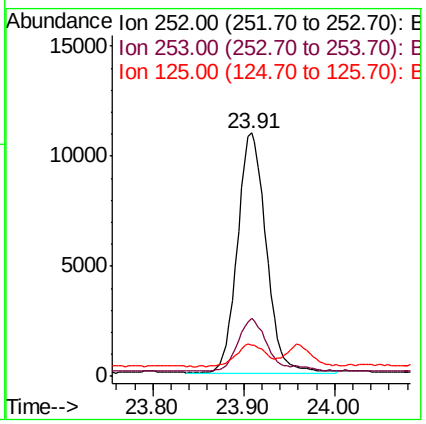


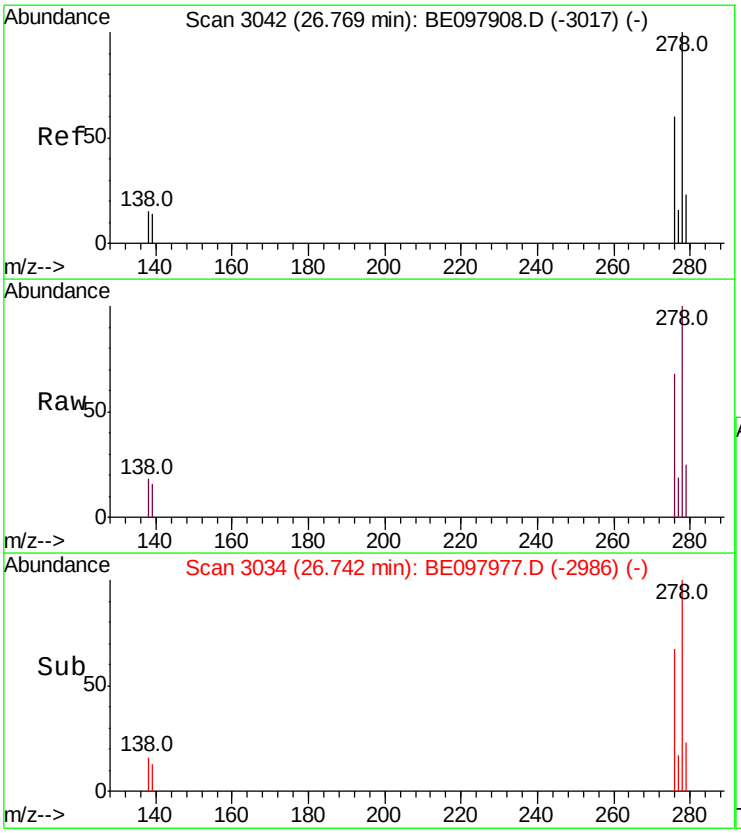
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23871

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.6	31.0
125	13.0	15.6	23.4#

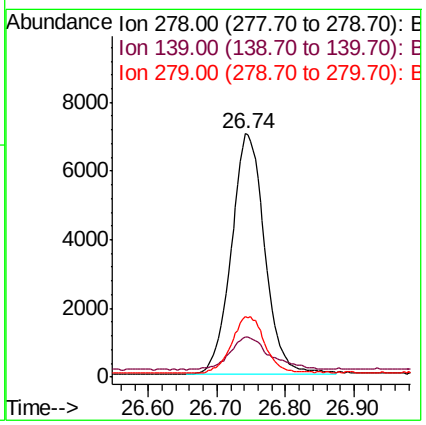


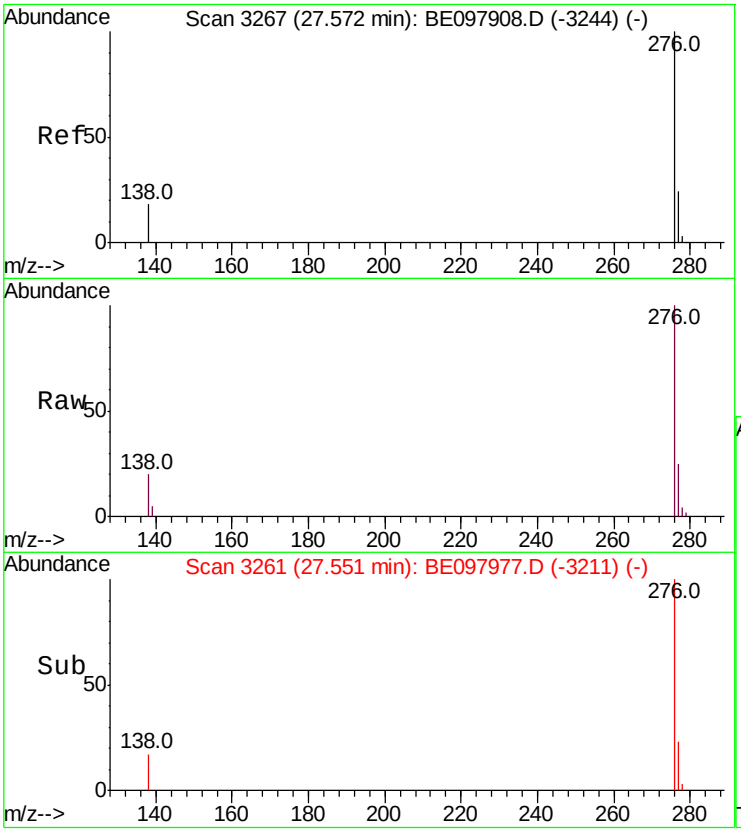


#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 26.74 min Scan# 3034
Delta R.T. -0.03 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Tgt Ion:278 Resp: 23733

Ion	Ratio	Lower	Upper
278	100		
139	16.4	16.3	24.5
279	24.8	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.321 ng
RT: 27.55 min Scan# 3261
Delta R.T. -0.02 min
Lab File: BE097977.D
Acq: 18 Oct 2018 14:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20236

Ion	Ratio	Lower	Upper
276	100		
277	24.8	22.1	33.1
138	20.5	19.3	28.9