Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
Data File : BE097800.D
Acq On : 8 Oct 2018 19:19
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 09 06:58:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 06:37:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3705	0.40	ng		-0.01
7) Naphthalene-d8	10.69	136	15996	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	9554	0.40	ng		-0.02
19) Phenanthrene-d10	17.29	188	25853	0.40	ng		-0.01
27) Chrysene-d12	21.47	240	30877	0.40	ng		-0.01
34) Perylene-d12	24.02	264	27714	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	3297	0.38	ng		-0.01
5) Phenol-d6	7.04	99	4711	0.35	ng		-0.01
8) Nitrobenzene-d5	9.03	82	3229	0.62	ng		-0.01
11) 2-Methylnaphthalene-d10	12.28	152	9864	0.39	ng		-0.02
14) 2,4,6-Tribromophenol	16.03	330	747	0.43	ng		-0.01
15) 2-Fluorobiphenyl	13.17	172	15100	0.36	ng		-0.02
25) Fluoranthene-d10	19.32	212	119254	0.36	ng		-0.01
29) Terphenyl-d14	19.92	244	25293	0.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	2796	0.379	ng		98
3) n-Nitrosodimethylamine	3.71	42	2406	0.358	ng	#	90
6) bis(2-Chloroethyl)ether	7.31	93	5332	0.384	ng		99
9) Naphthalene	10.73	128	61953	0.384	ng		100
10) Hexachlorobutadiene	11.03	225	3328	0.389	ng		99
12) 2-Methylnaphthalene	12.35	142	9904	0.384	ng		93
16) Acenaphthylene	14.27	152	14668	0.347	ng		99
17) Acenaphthene	14.62	154	10077	0.372	ng		99
18) Fluorene	15.59	166	12961	0.360	ng		99
20) 4-Bromophenyl-phenylether	16.49	248	5121	0.378	ng		95
21) Hexachlorobenzene	16.60	284	5608	0.368	ng		98
22) Pentachlorophenol	16.94	266	1079	0.451	ng		91
23) Phenanthrene	17.34	178	24790	0.372	ng		99
24) Anthracene	17.42	178	20056	0.349	ng		98
26) Fluoranthene	19.35	202	31007	0.365	ng		100
28) Pyrene	19.71	202	31719	0.404	ng		100
30) Benzo(a)anthracene	21.46	228	30165	0.363	ng		100
31) Chrysene	21.51	228	35900	0.387	ng		99
32) Bis(2-ethylhexyl)phthalate	21.40	149	22137	0.365	ng		100
33) Indeno(1,2,3-cd)pyrene	26.71	276	27208	0.338	ng		97
35) Benzo(b)fluoranthene	23.24	252	26789	0.352	ng		98
36) Benzo(k)fluoranthene	23.29	252	32917	0.390	ng		99
37) Benzo(a)pyrene	23.91	252	23408	0.340	ng		99
38) Dibenzo(a,h)anthracene	26.74	278	23443	0.346	ng		97
39) Benzo(g,h,i)perylene	27.53	276	25568	0.360	ng		98

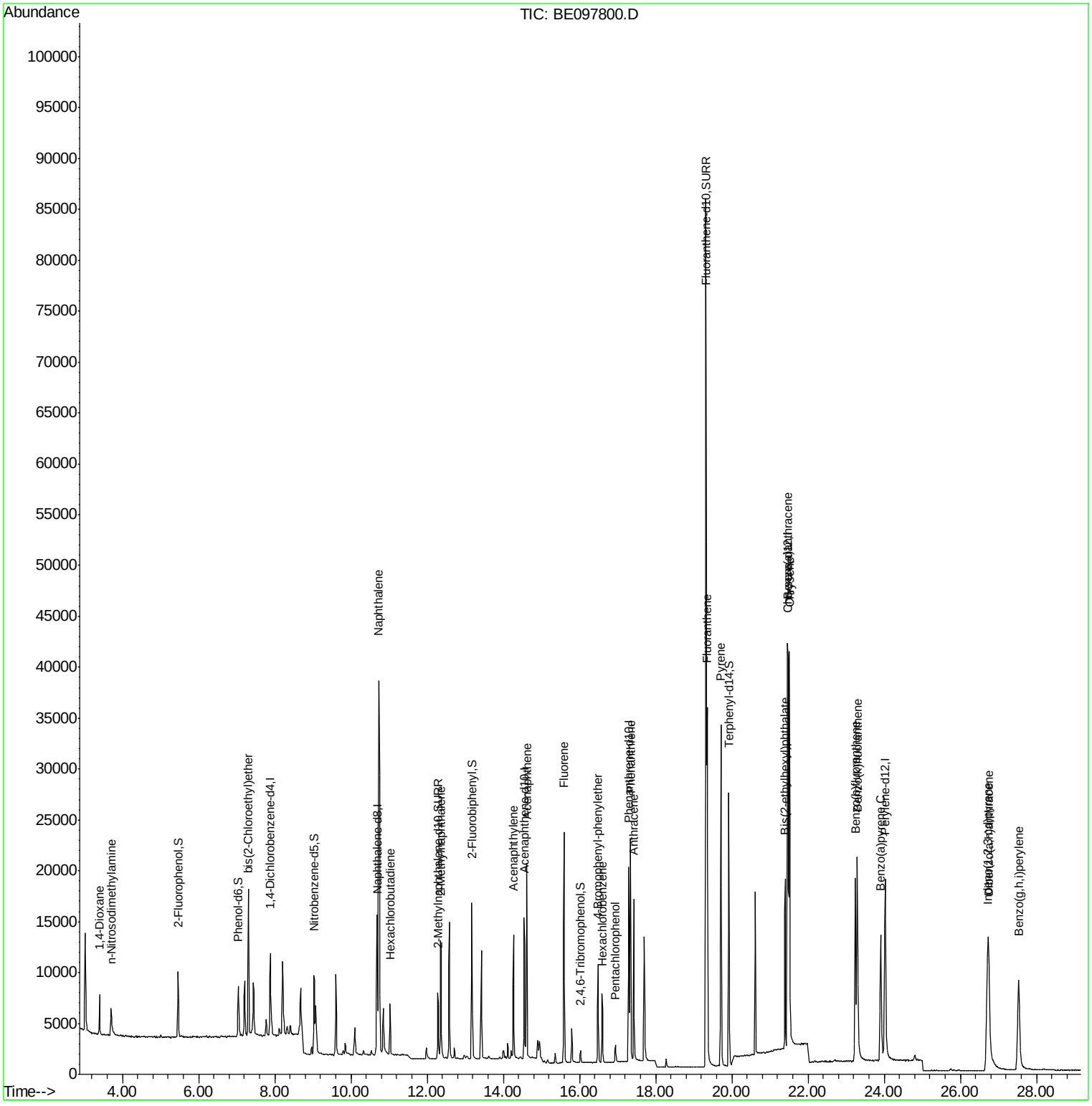
(#) = qualifier out of range (m) = manual integration (+) = signals summed

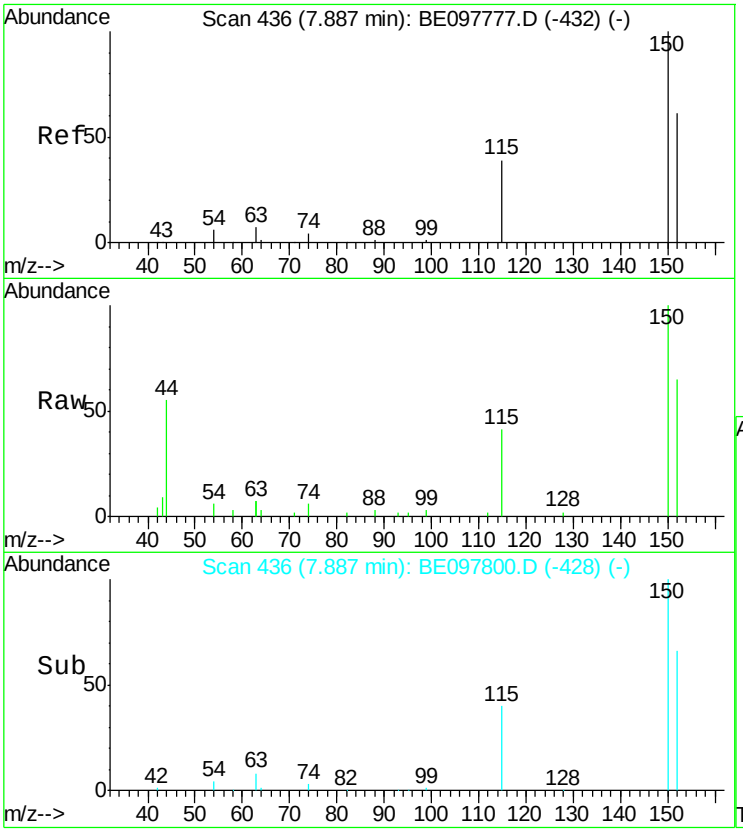
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
Data File : BE097800.D
Acq On : 8 Oct 2018 19:19
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 09 06:58:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 06:37:06 2018
Response via : Initial Calibration



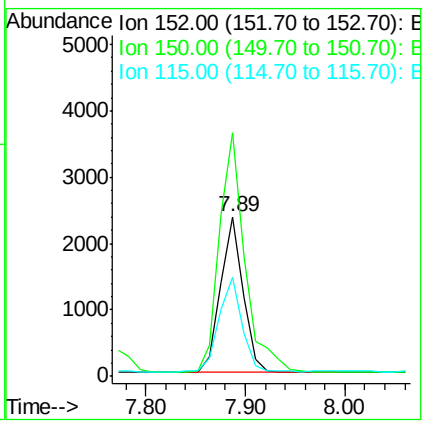


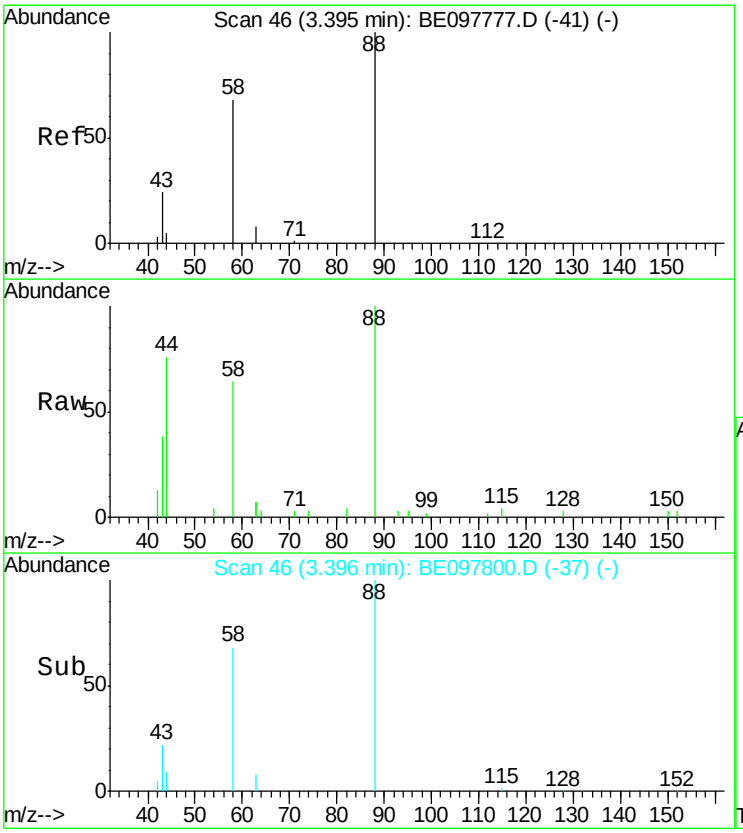
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3705

Ion	Ratio	Lower	Upper
152	100		
150	153.0	120.9	181.3
115	62.3	46.6	69.8

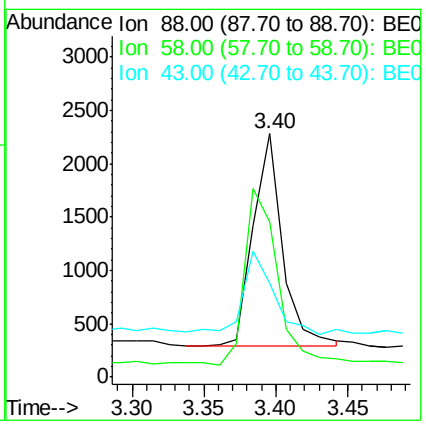


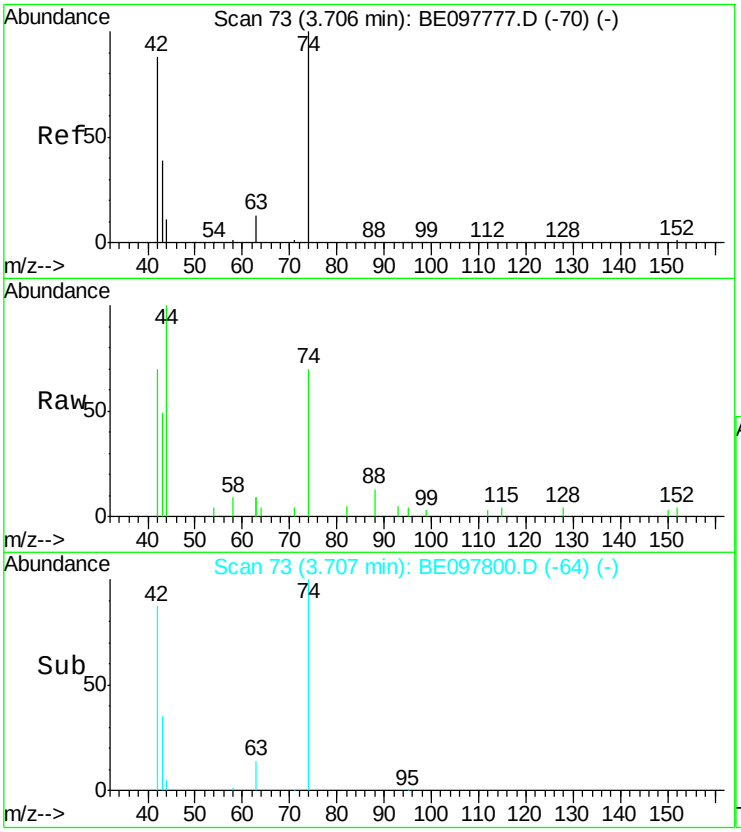


#2
1,4-Dioxane
Concen: 0.379 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion: 88 Resp: 2796

Ion	Ratio	Lower	Upper
88	100		
58	90.2	70.8	106.2
43	41.1	33.3	49.9



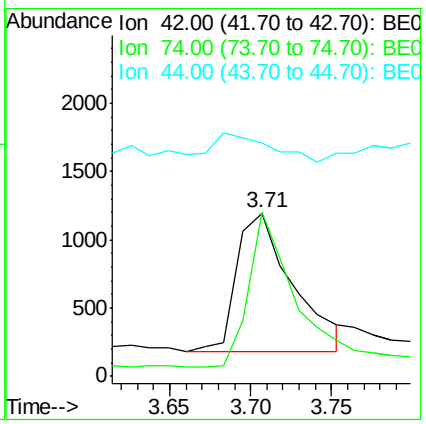


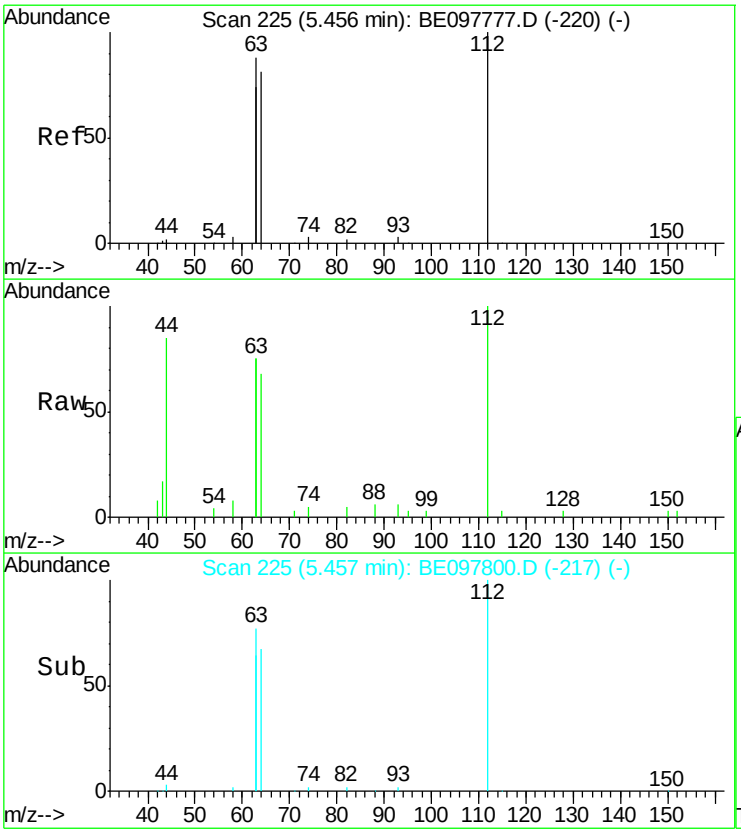
#3
n-Nitrosodimethylamine
Concen: 0.358 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2406

Ion	Ratio	Lower	Upper
42	100		
74	91.4	70.7	106.1
44	0.0	15.0	22.4#

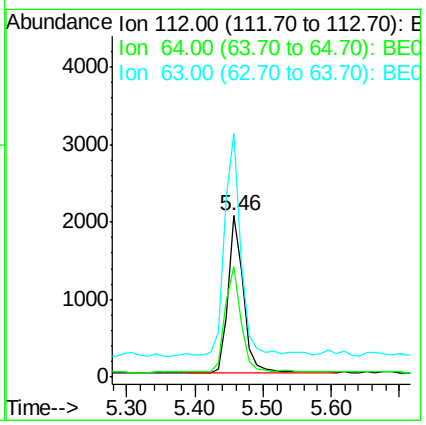


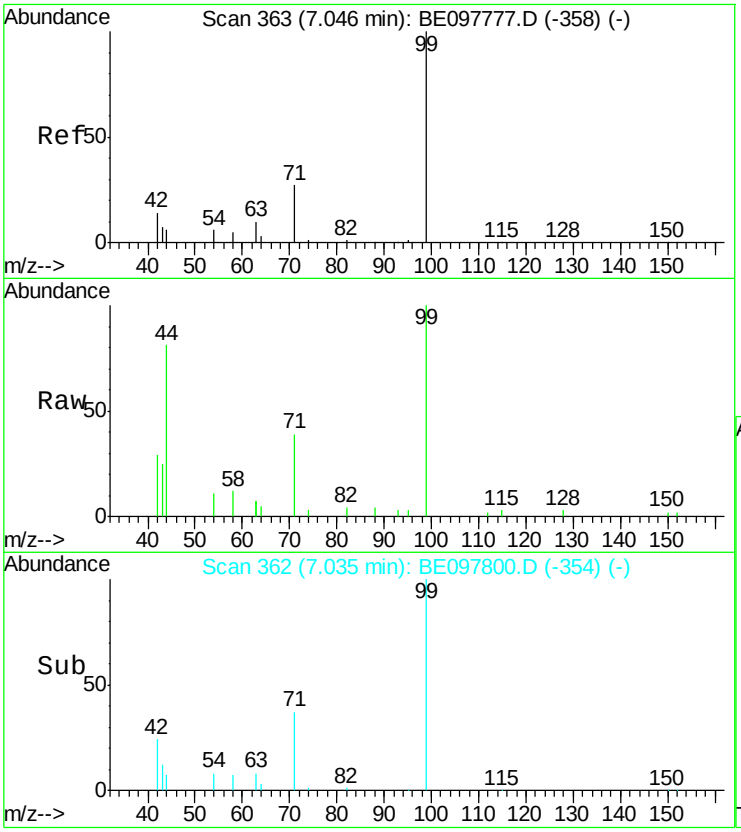


#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:112 Resp: 3297

Ion	Ratio	Lower	Upper
112	100		
64	68.3	56.6	84.8
63	144.7	119.4	179.0



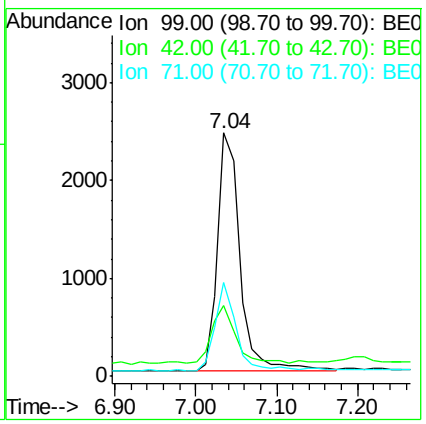


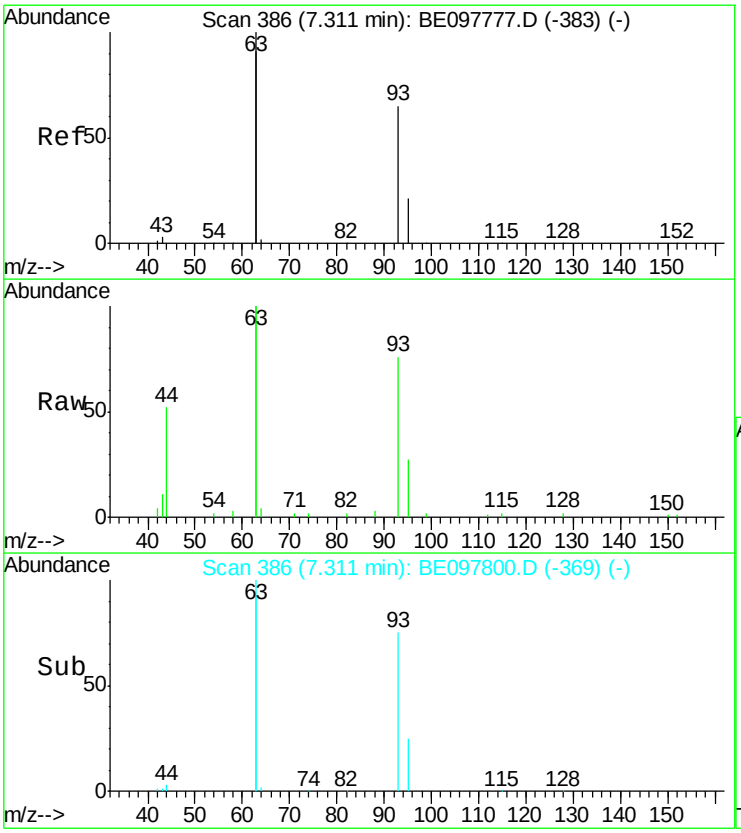
#5
Phenol-d6
Concen: 0.351 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4711

Ion	Ratio	Lower	Upper
99	100		
42	24.5	19.9	29.9
71	36.1	25.4	38.2

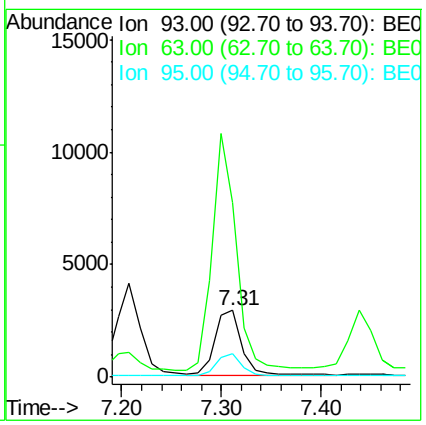


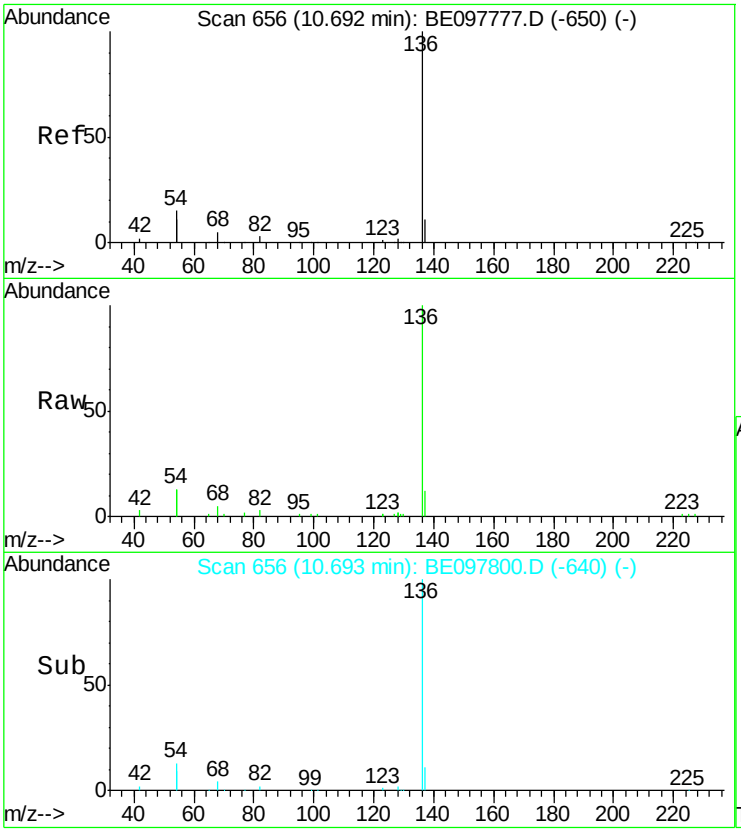


#6
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion: 93 Resp: 5332

Ion	Ratio	Lower	Upper
93	100		
63	331.7	266.9	400.3
95	32.8	26.2	39.2



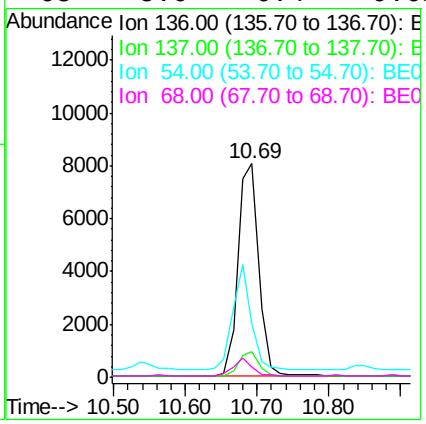


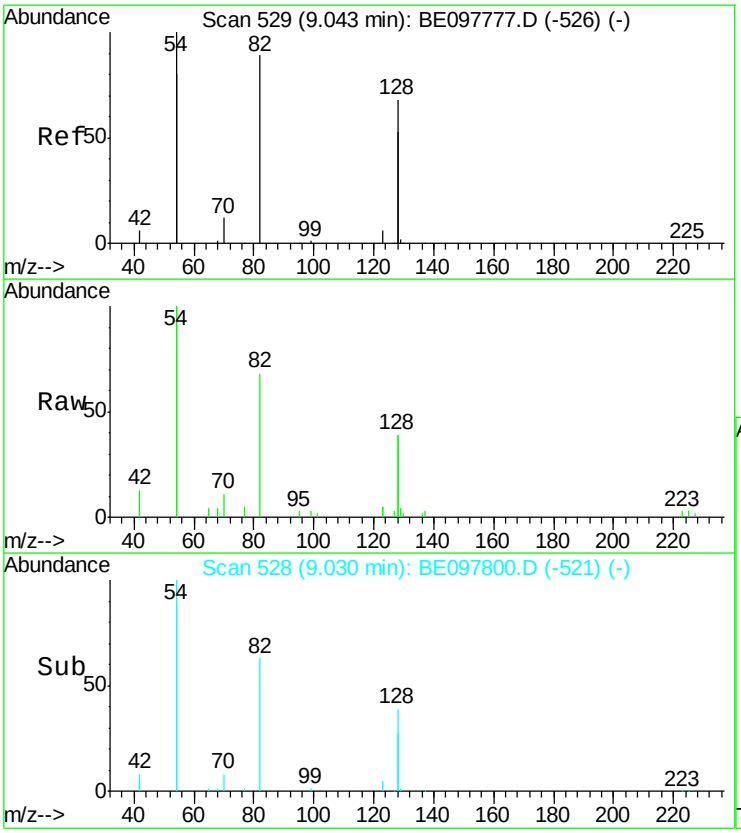
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15996

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.4
54	25.1	37.8	56.6#
68	5.0	6.4	9.6#

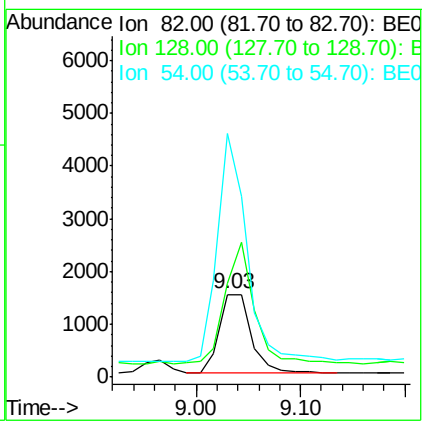


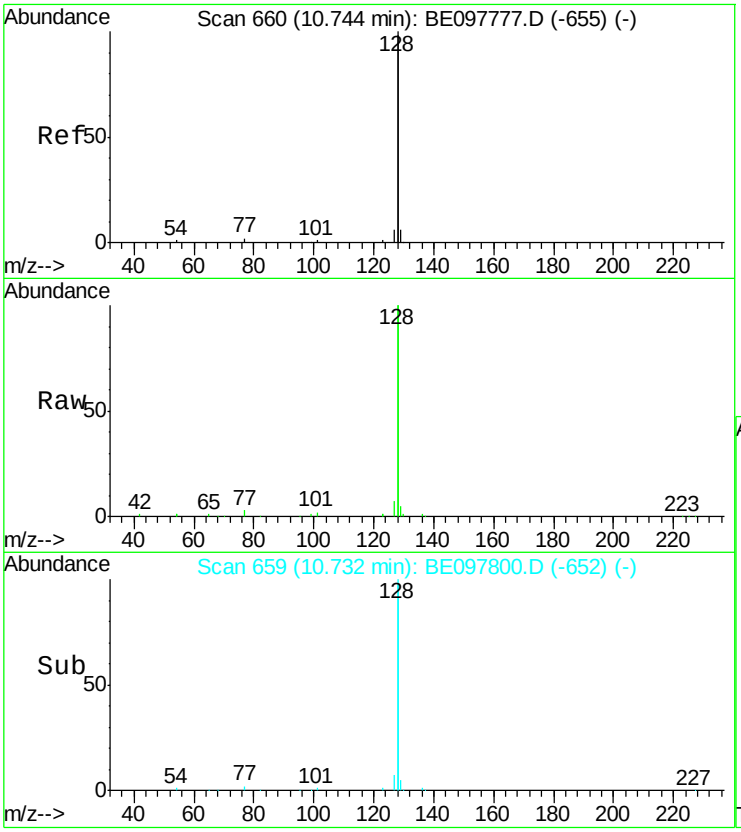


#8
Nitrobenzene-d5
Concen: 0.622 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion: 82 Resp: 3229

Ion	Ratio	Lower	Upper
82	100		
128	113.8	97.0	145.4
54	293.5	206.9	310.3



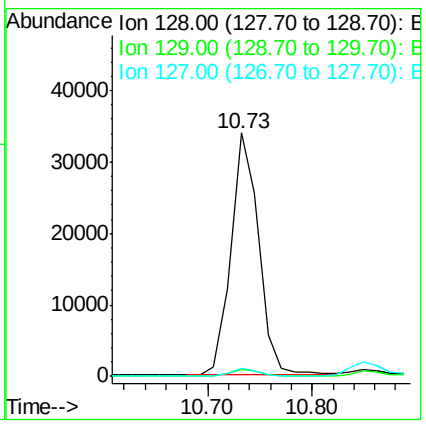


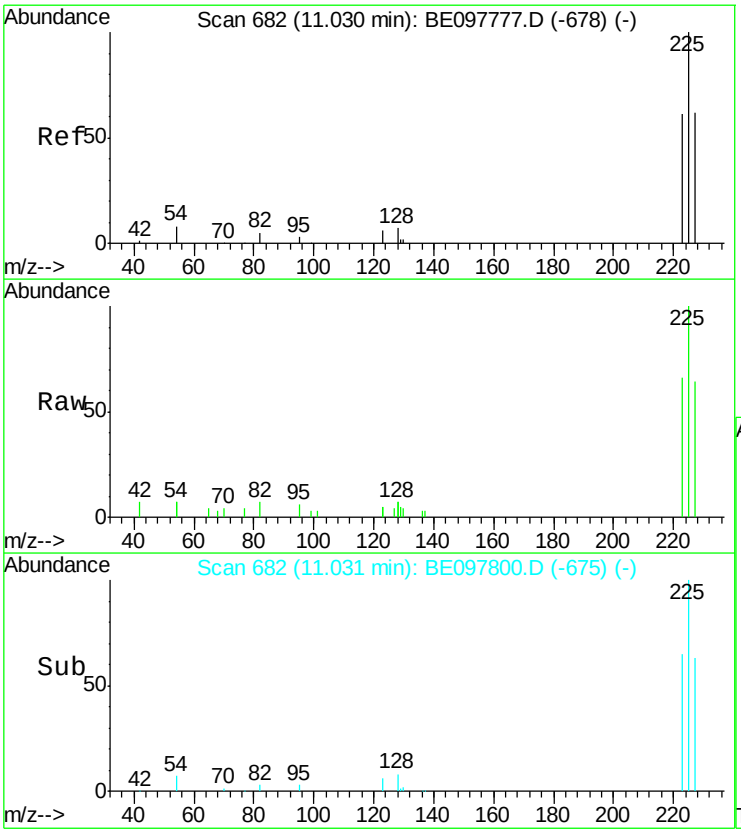
#9
Naphthalene
Concen: 0.384 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 61953

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.2
127	3.6	2.7	4.1

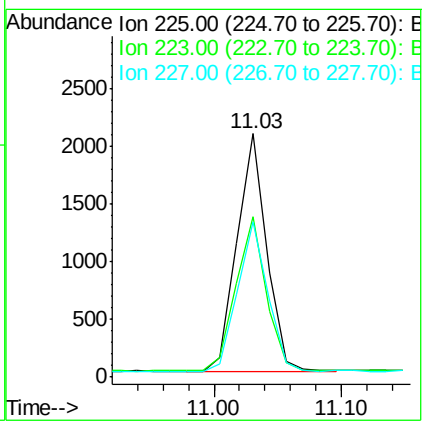


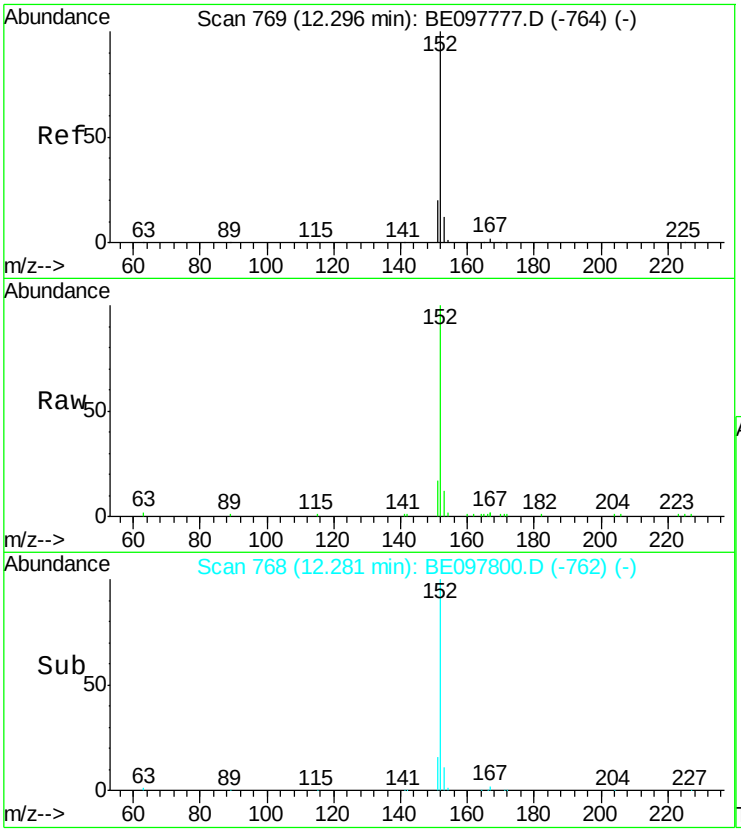


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:225 Resp: 3328

Ion	Ratio	Lower	Upper
225	100		
223	65.8	52.2	78.4
227	64.3	51.2	76.8



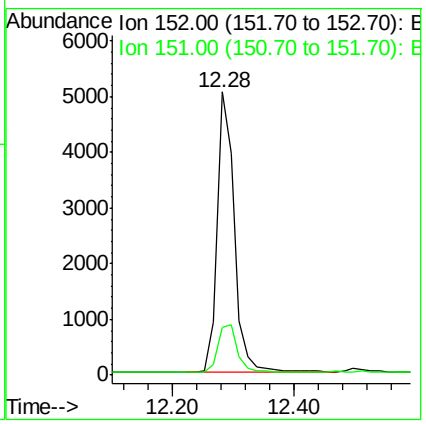


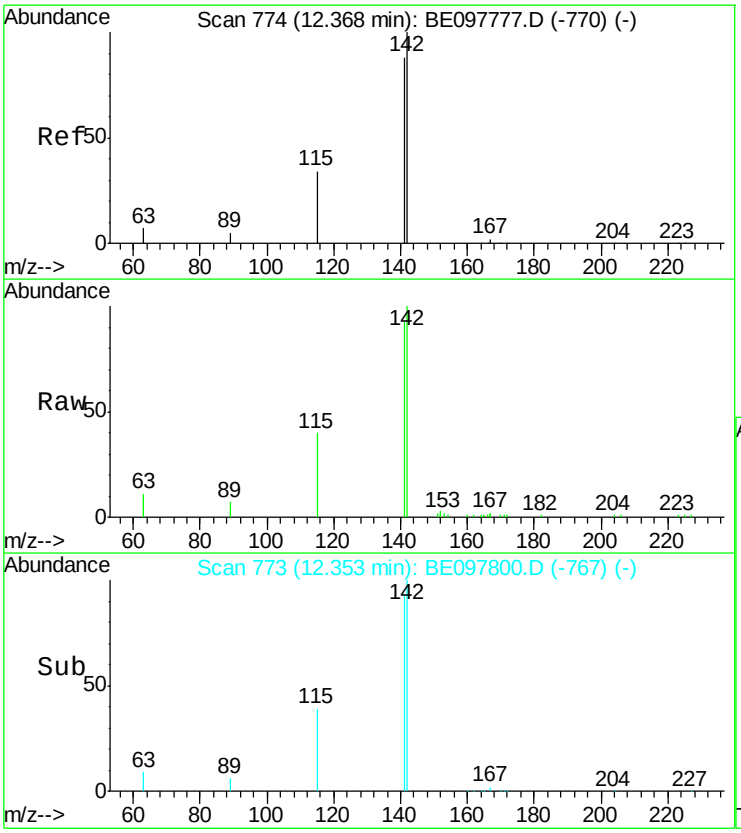
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9864

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

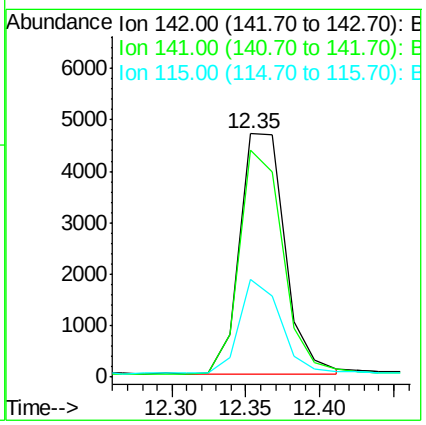


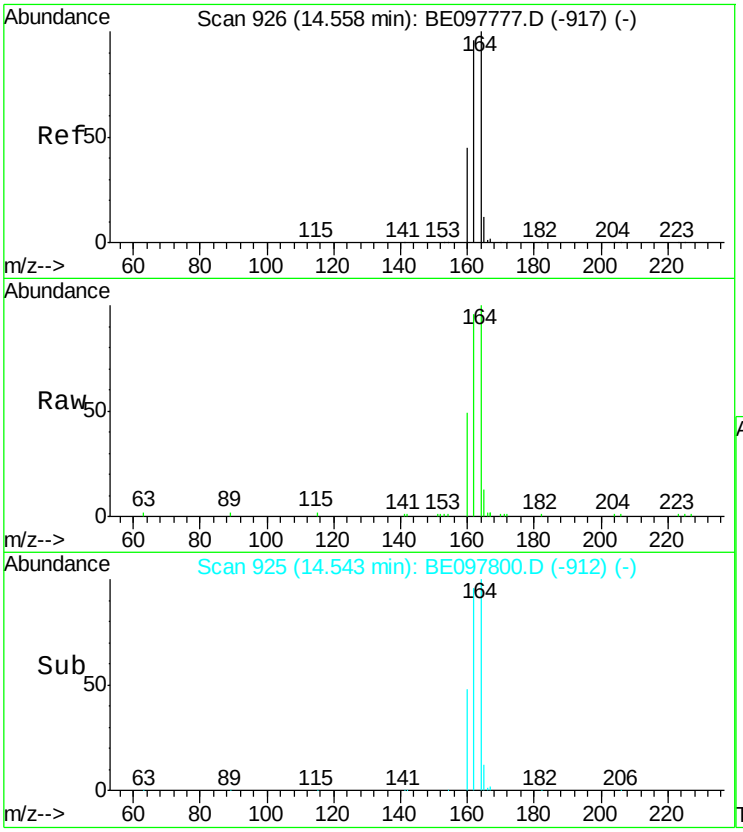


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.02 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:142 Resp: 9904

Ion	Ratio	Lower	Upper
142	100		
141	93.0	69.4	104.2
115	39.9	28.0	42.0



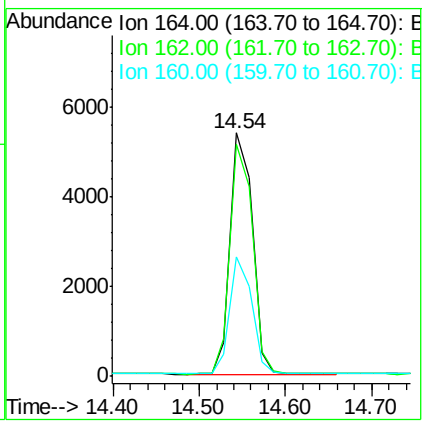


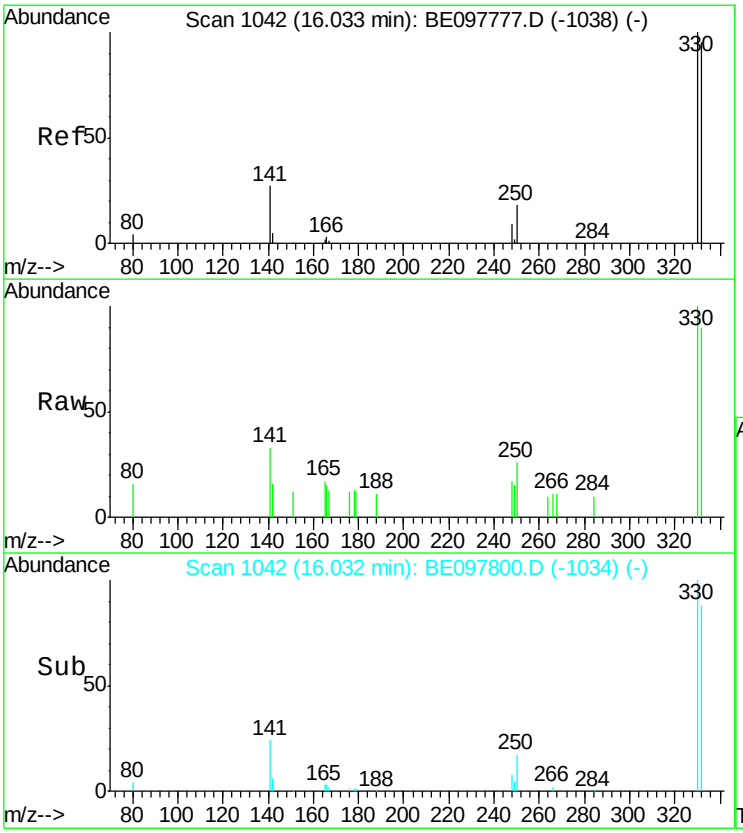
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.02 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9554

Ion	Ratio	Lower	Upper
164	100		
162	95.6	78.6	117.8
160	48.8	37.8	56.6

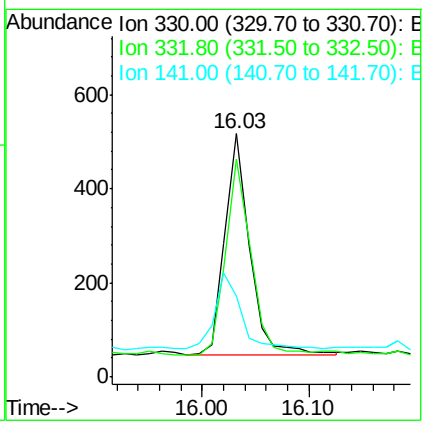


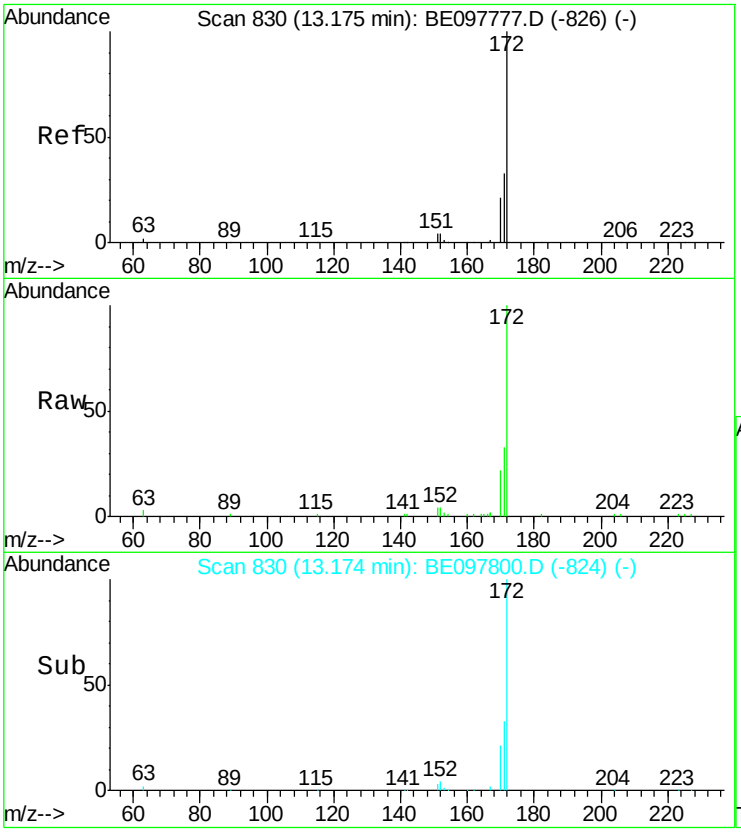


#14
2,4,6-Tribromophenol
Concen: 0.431 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:330 Resp: 747

Ion	Ratio	Lower	Upper
330	100		
332	92.6	83.5	125.3
141	37.3	34.9	52.3



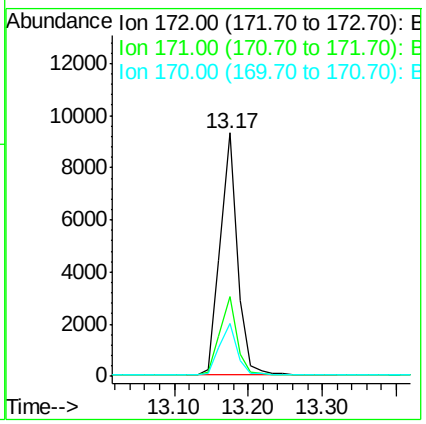


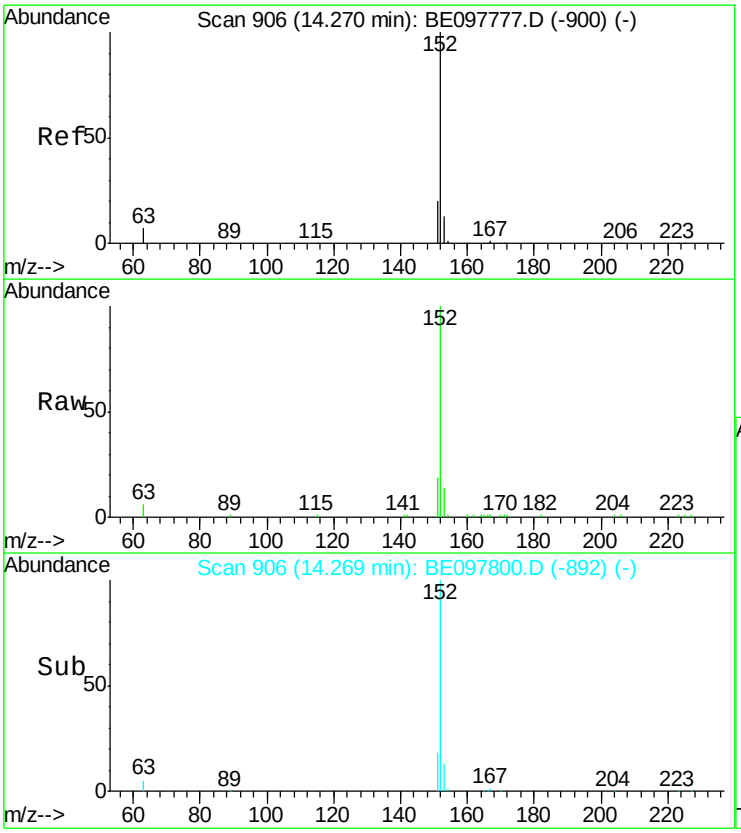
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 15100

Ion	Ratio	Lower	Upper
172	100		
171	33.0	25.2	37.8
170	21.6	16.2	24.2

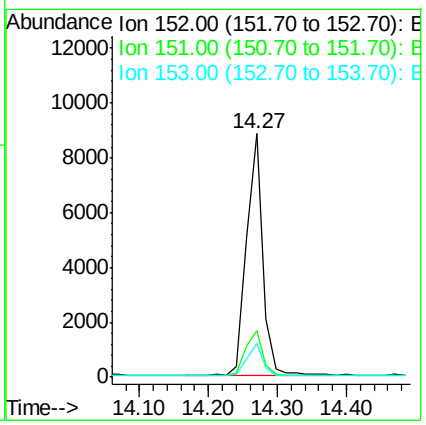


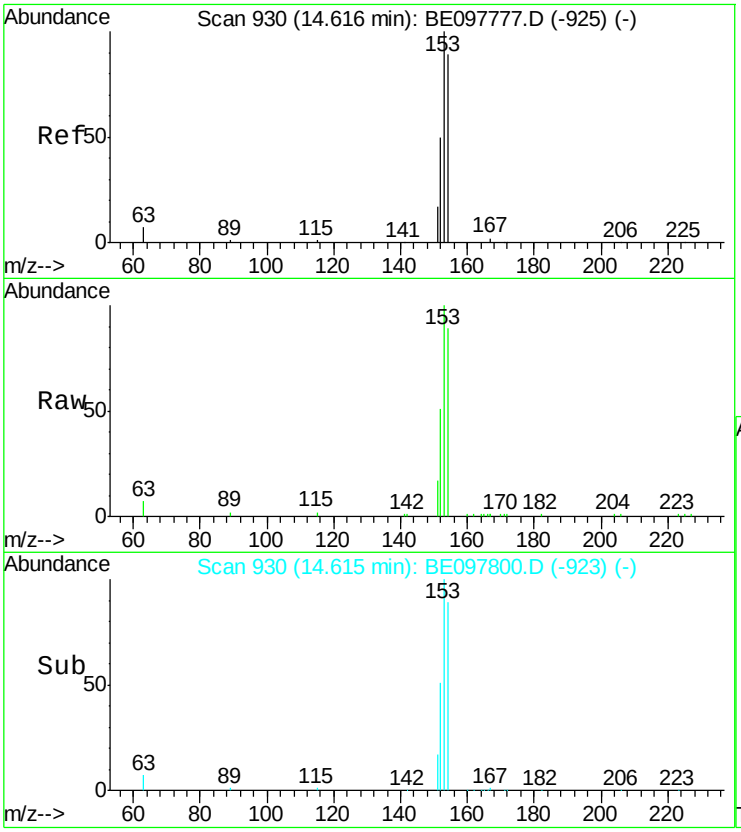


#16
Acenaphthylene
Concen: 0.347 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:152 Resp: 14668

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	12.9	10.8	16.2



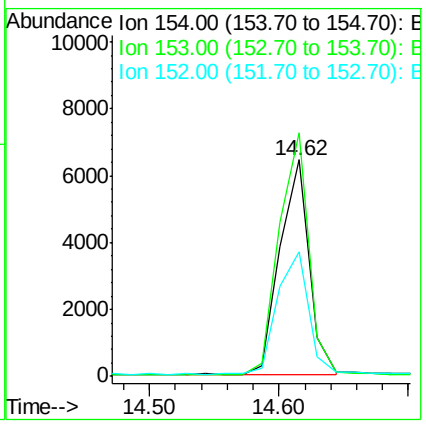


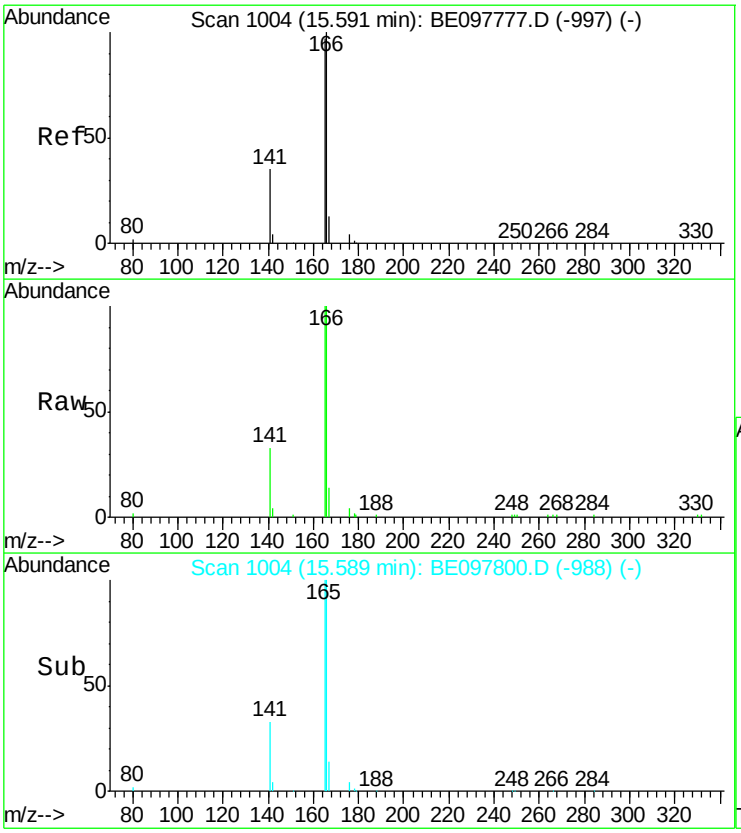
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10077

Ion	Ratio	Lower	Upper
154	100		
153	114.3	93.3	139.9
152	60.8	48.9	73.3

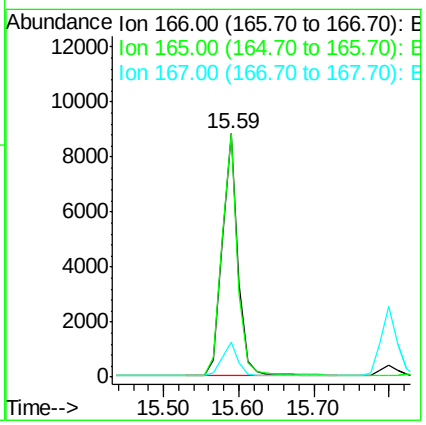


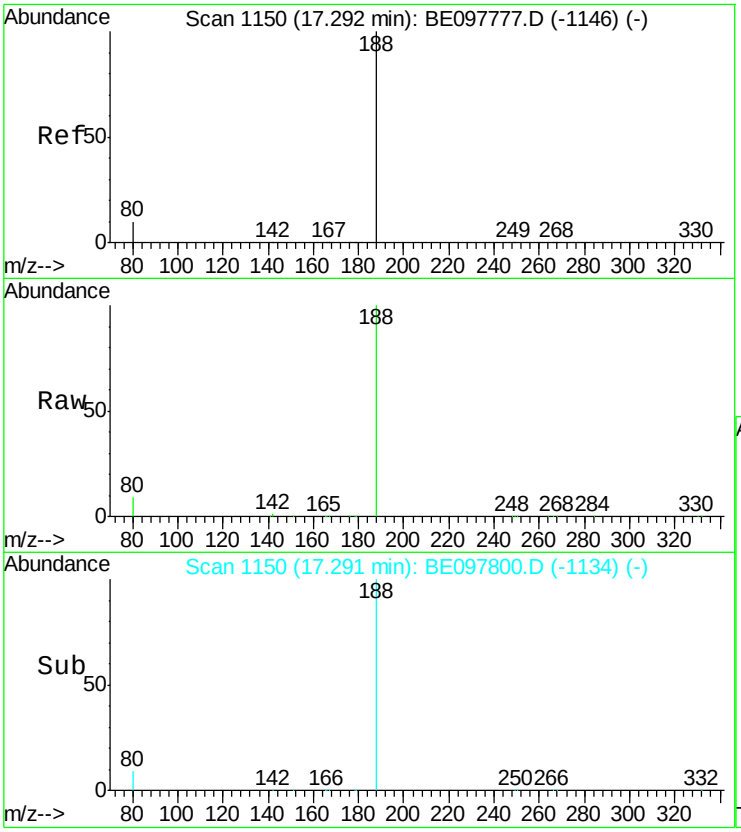


#18
Fluorene
Concen: 0.360 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:166 Resp: 12961

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.0	118.4
167	14.1	11.1	16.7



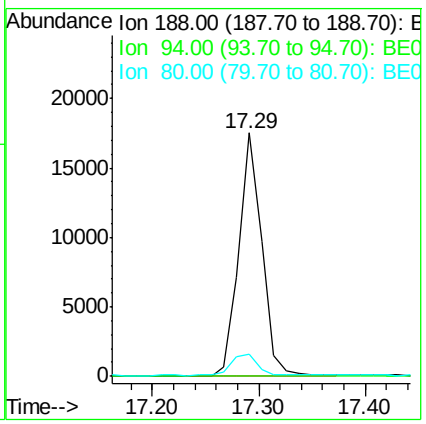


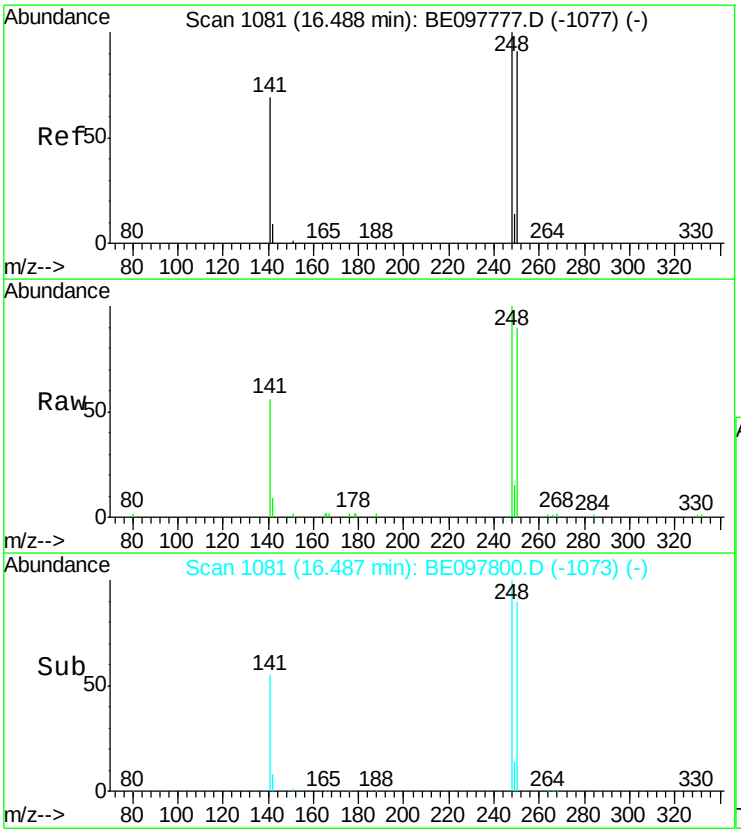
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 25853

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	6.6	9.8

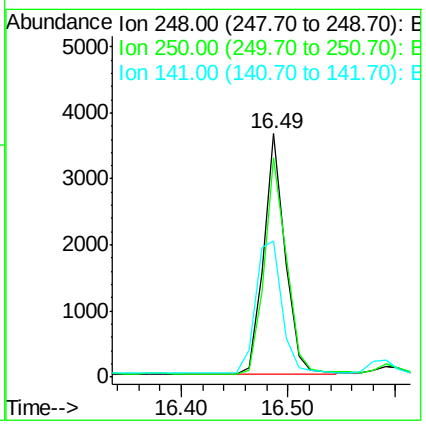


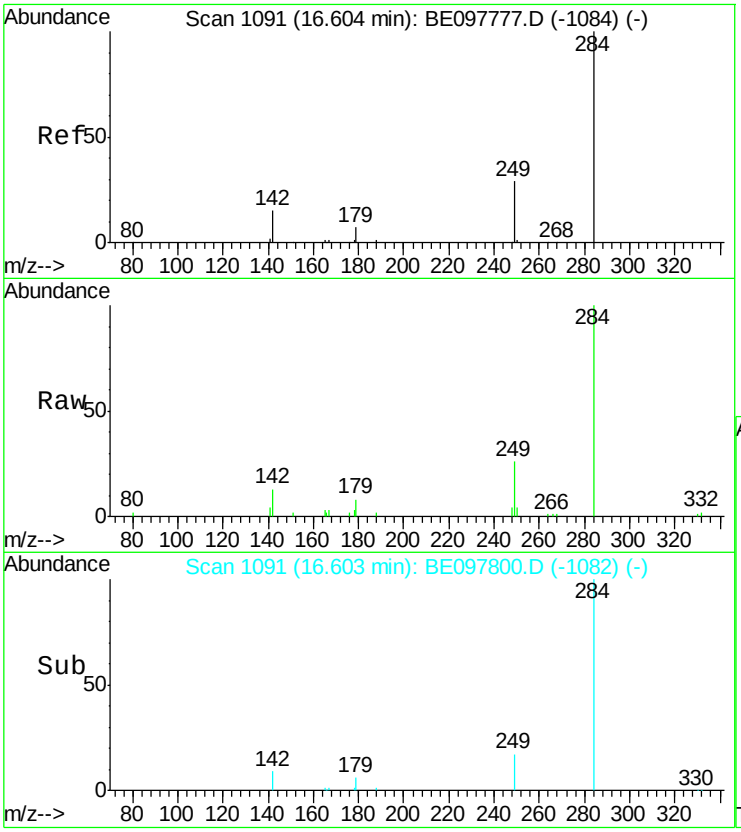


#20
4-Bromophenyl-phenylether
Concen: 0.378 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:248 Resp: 5121

Ion	Ratio	Lower	Upper
248	100		
250	89.8	76.1	114.1
141	55.9	42.2	63.4



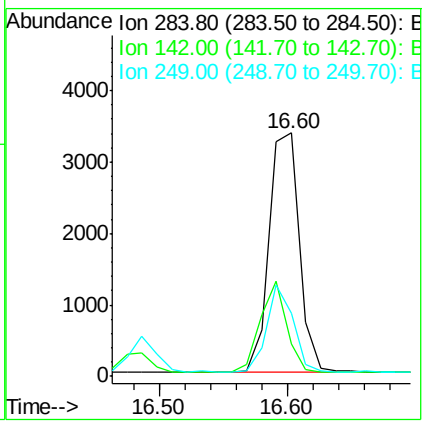


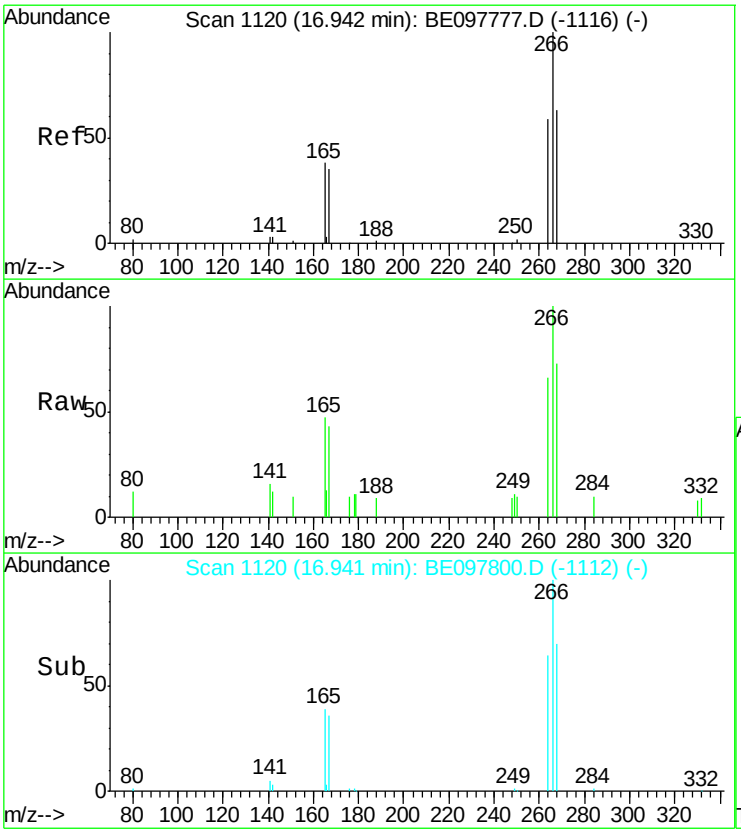
#21
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5608

Ion	Ratio	Lower	Upper
284	100		
142	32.6	24.9	37.3
249	32.0	25.8	38.8

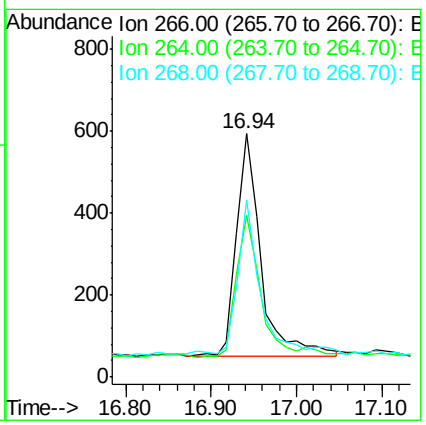


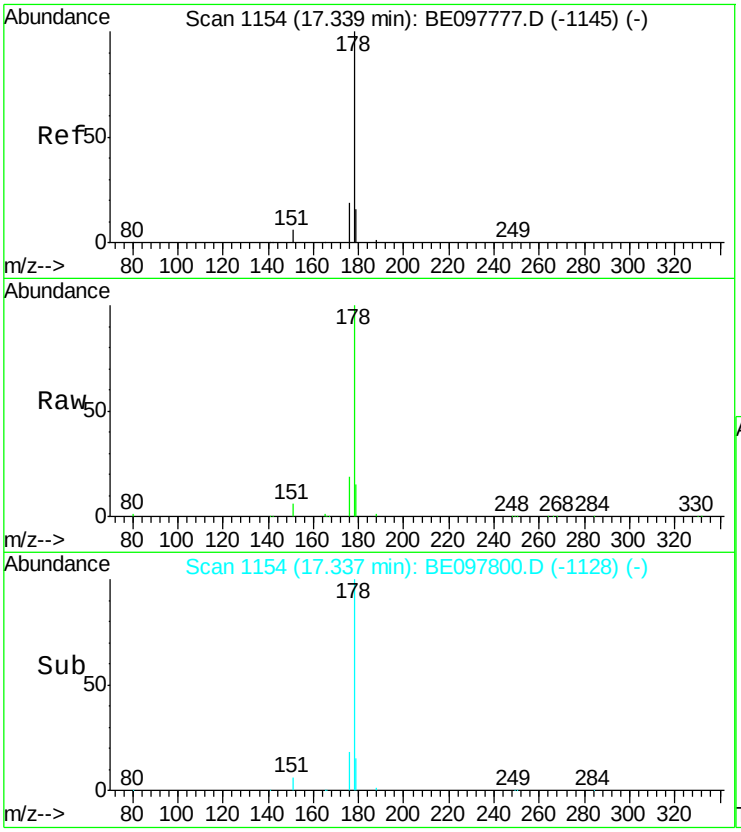


#22
Pentachlorophenol
Concen: 0.451 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:266 Resp: 1079

Ion	Ratio	Lower	Upper
266	100		
264	66.5	46.8	70.2
268	72.7	53.0	79.6



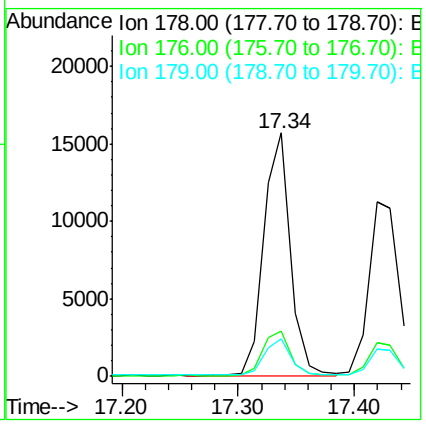


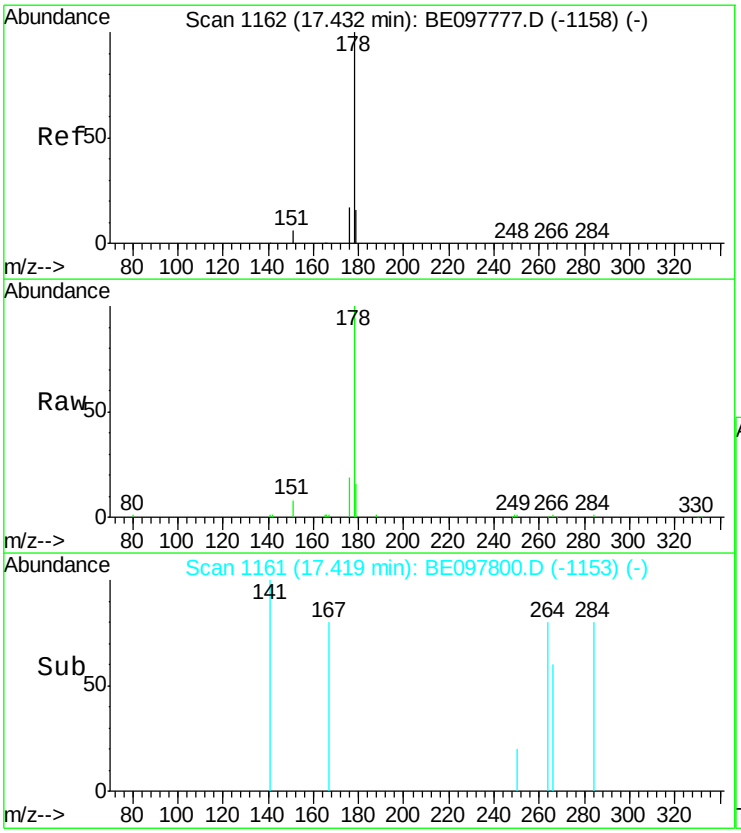
#23
Phenanthrene
Concen: 0.372 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 24790

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.1	12.2	18.4

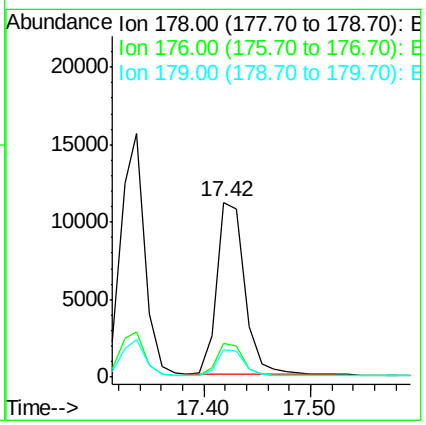


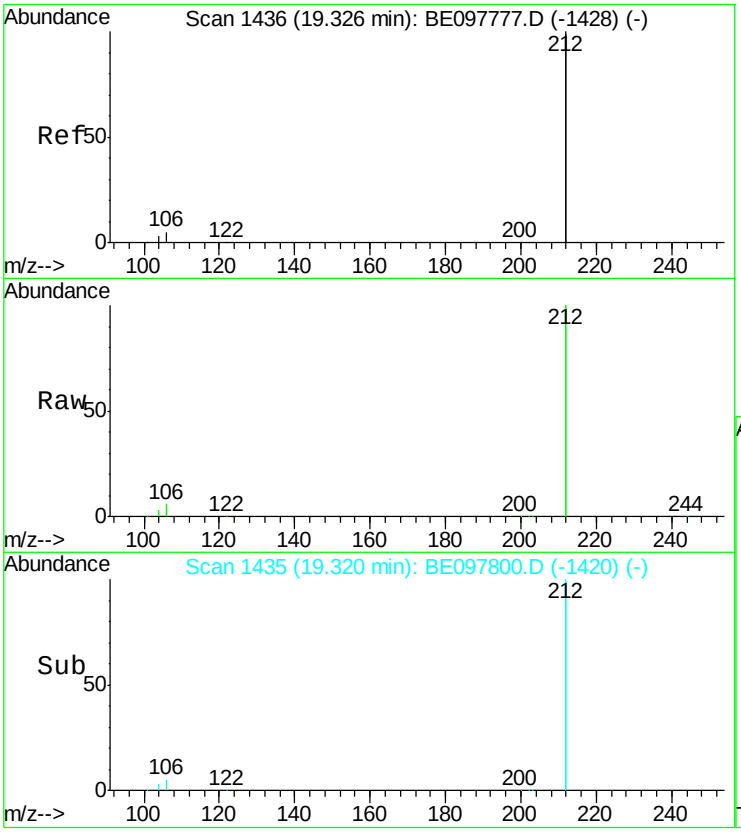


#24
Anthracene
Concen: 0.349 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:178 Resp: 20056

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	15.7	12.2	18.2



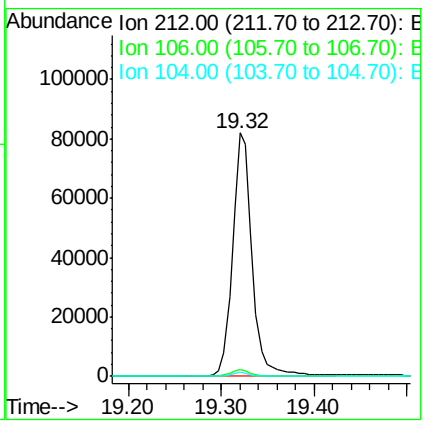


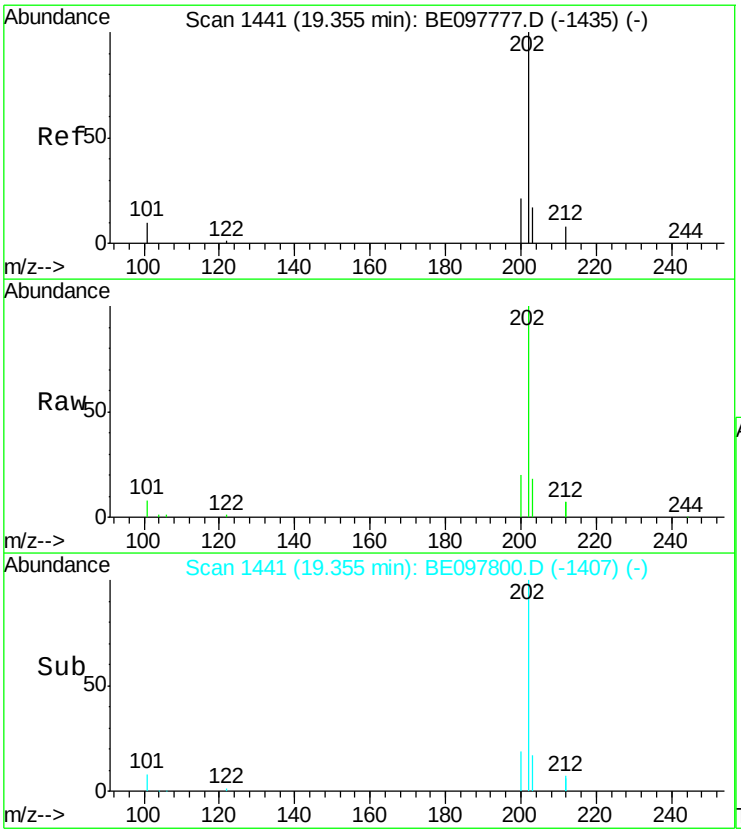
#25
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 119254

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.4	1.2	1.8

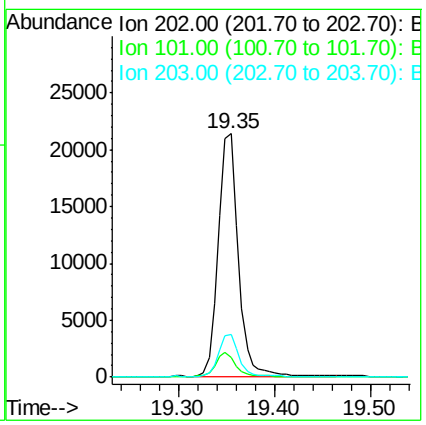


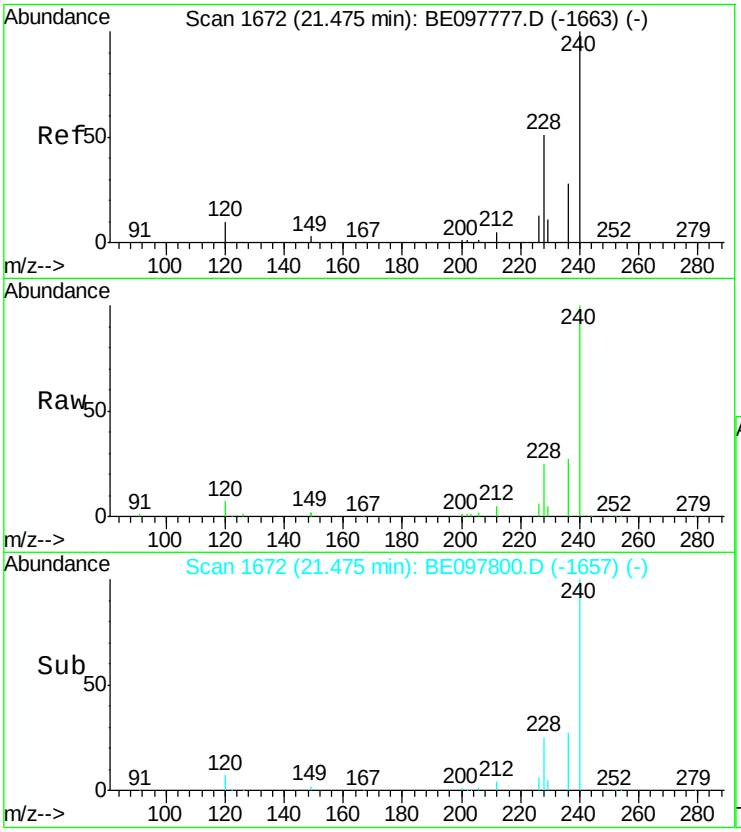


#26
Fluoranthene
Concen: 0.365 ng
RT: 19.35 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:202 Resp: 31007

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.8	11.8
203	17.3	13.8	20.6



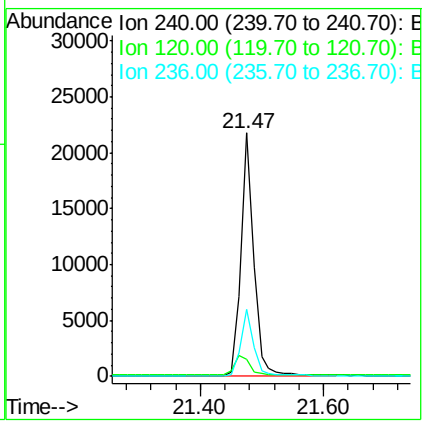


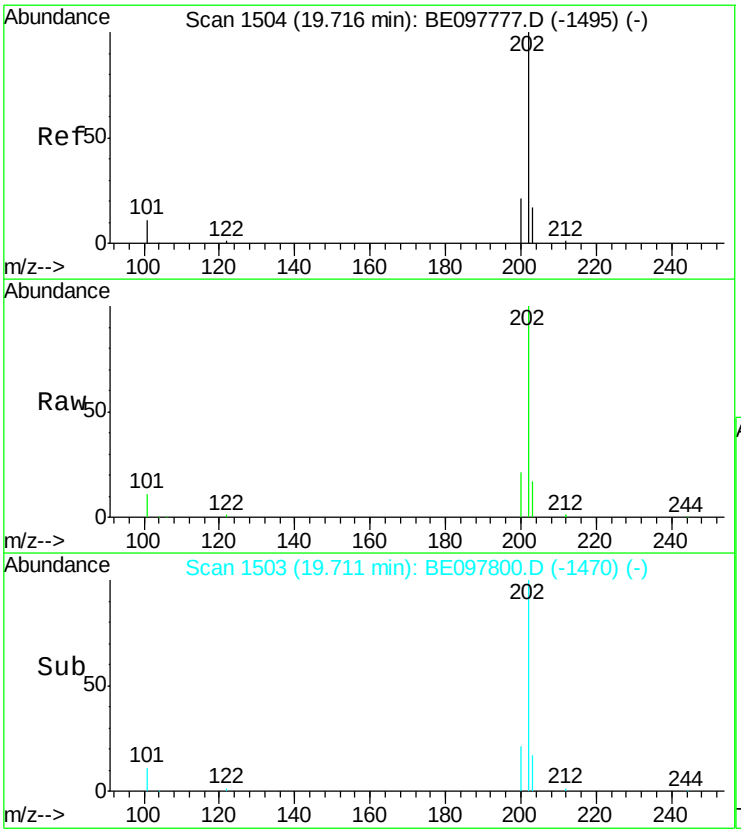
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 30877

Ion	Ratio	Lower	Upper
240	100		
120	7.2	4.7	7.1#
236	27.5	20.8	31.2

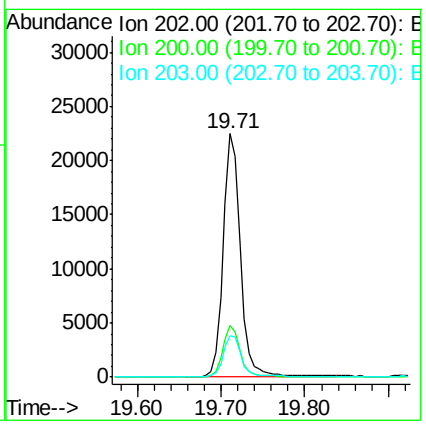


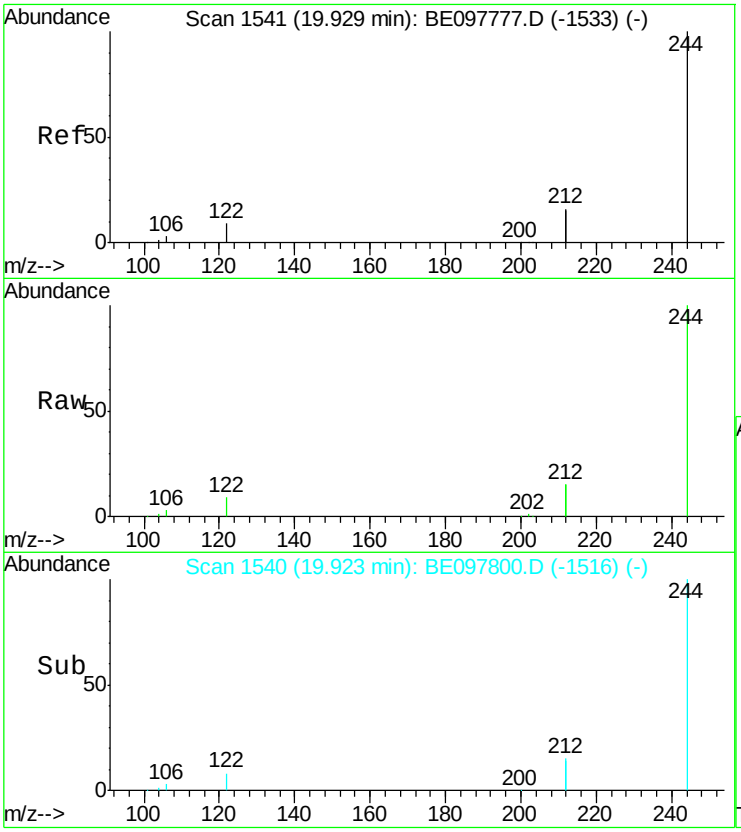


#28
Pyrene
Concen: 0.404 ng
RT: 19.71 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:202 Resp: 31719

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.4	13.9	20.9



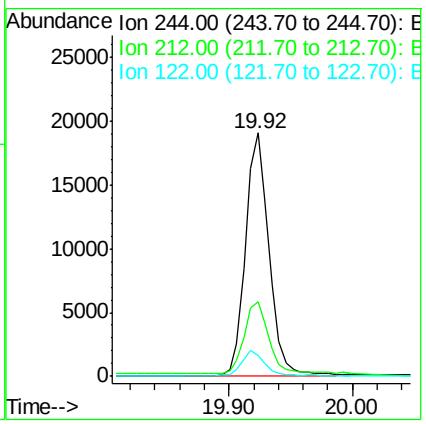


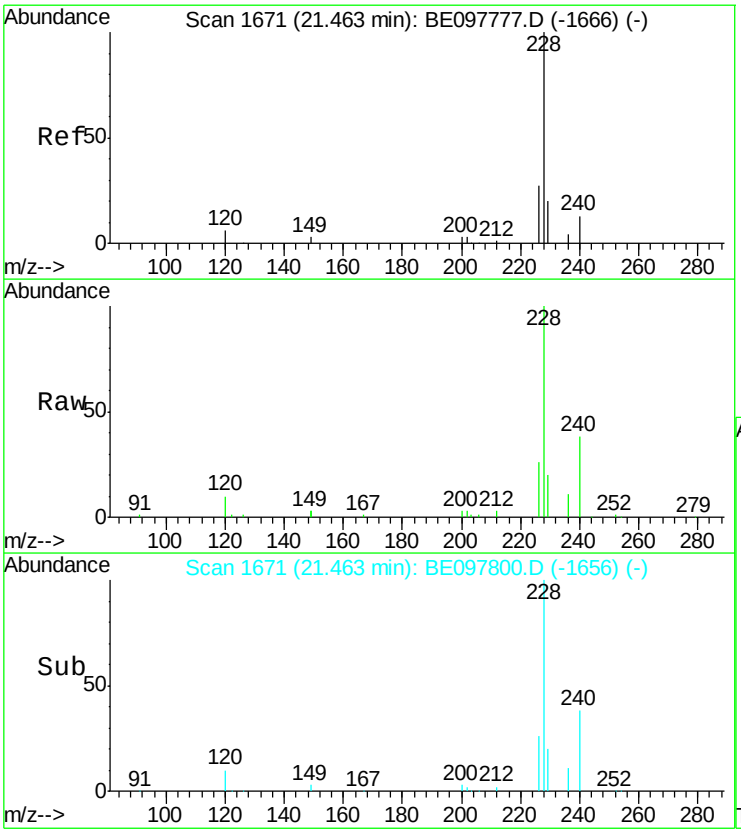
#29
Terphenyl-d14
Concen: 0.401 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 25293

Ion	Ratio	Lower	Upper
244	100		
212	30.4	25.8	38.8
122	8.6	8.7	13.1#

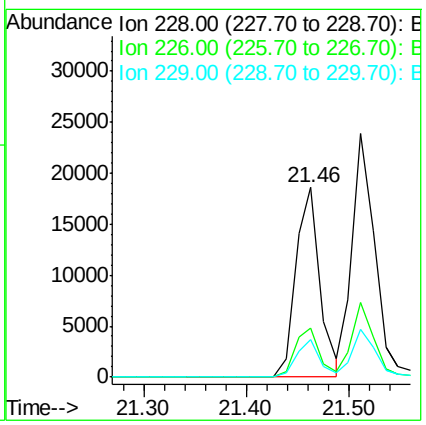


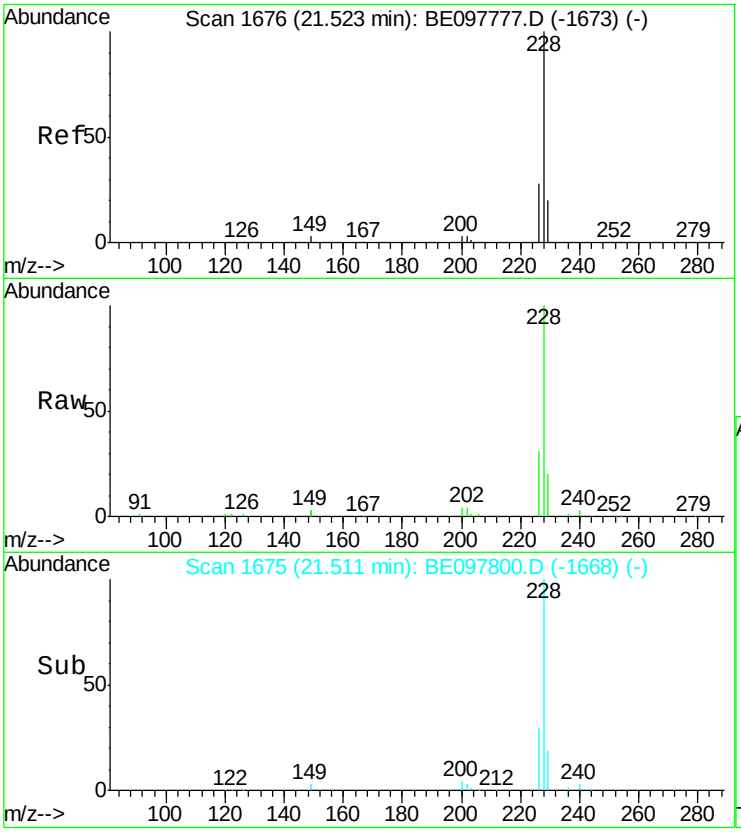


#30
Benzo(a)anthracene
Concen: 0.363 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:228 Resp: 30165

Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.7	31.1
229	19.8	15.7	23.5



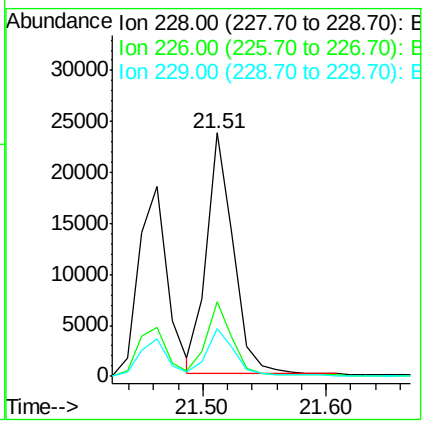


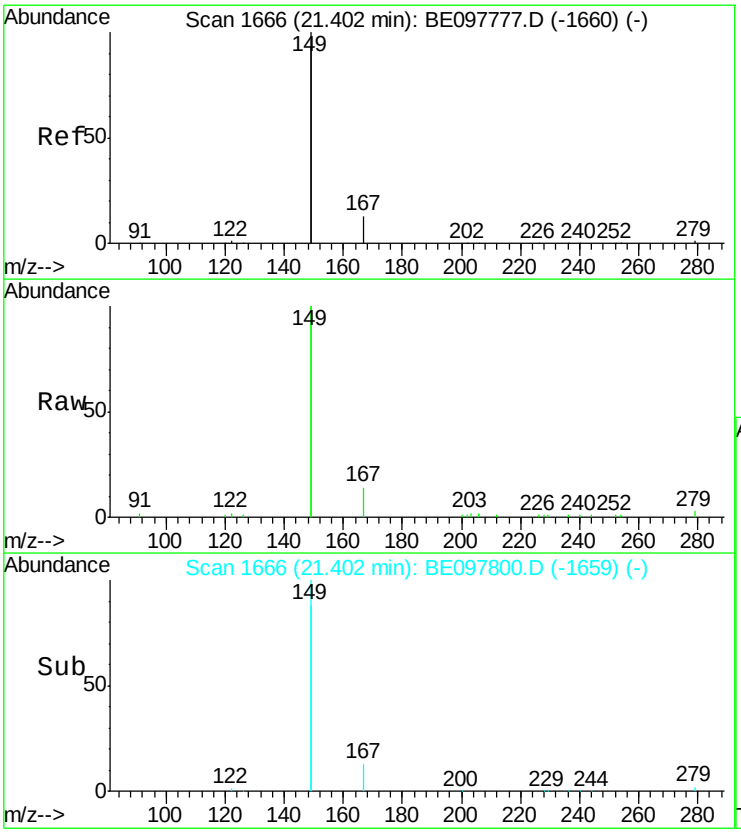
#31
Chrysene
Concen: 0.387 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 35900

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	19.5	16.0	24.0

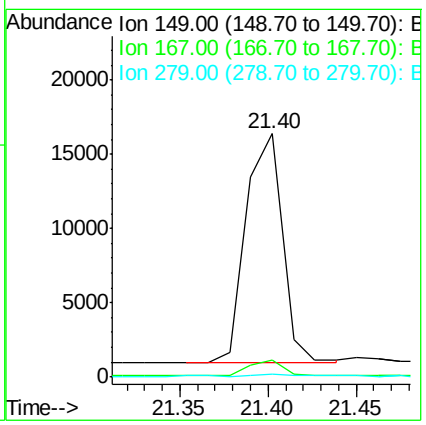


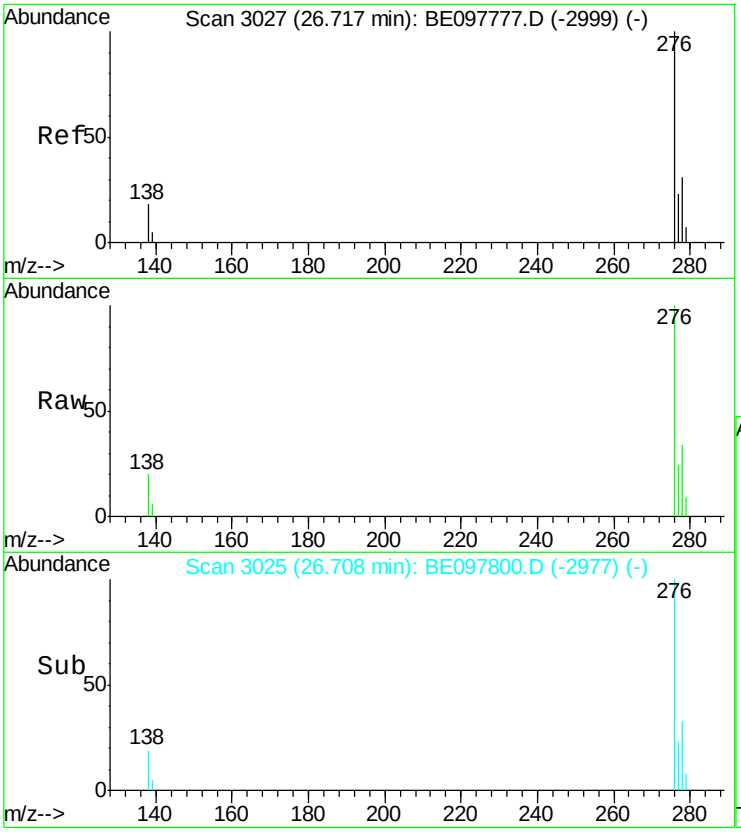


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.365 ng
RT: 21.40 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:149 Resp: 22137

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.5	8.3
279	1.0	0.9	1.3



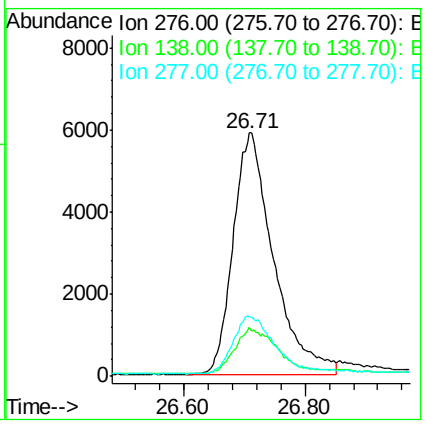


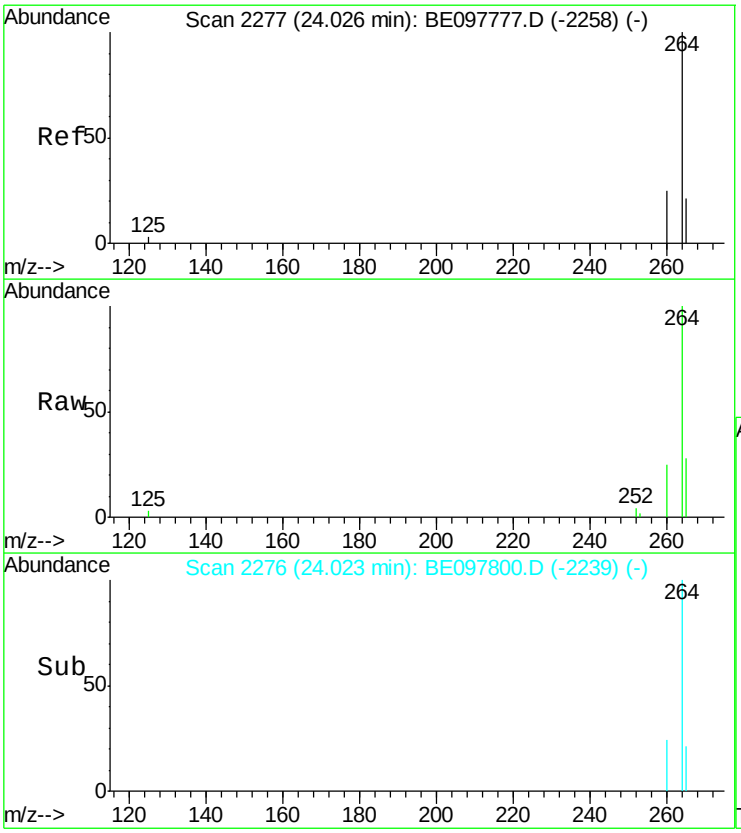
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng
RT: 26.71 min Scan# 3025
Delta R.T. -0.03 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 27208

Ion	Ratio	Lower	Upper
276	100		
138	20.3	15.0	22.6
277	25.1	19.2	28.8

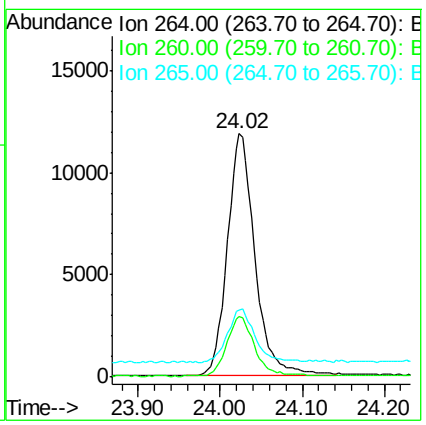


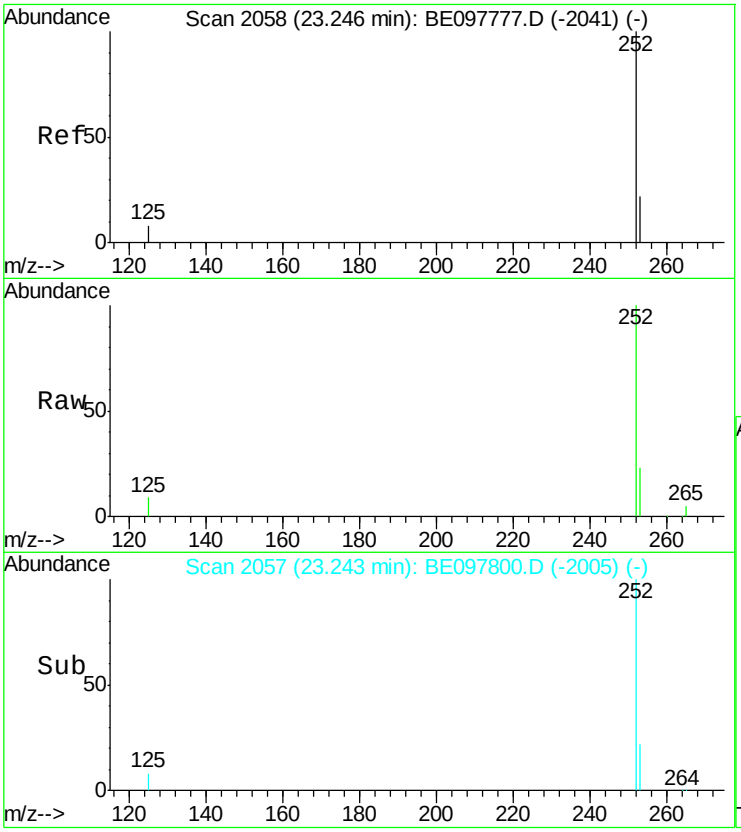


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:264 Resp: 27714

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	27.6	21.9	32.9



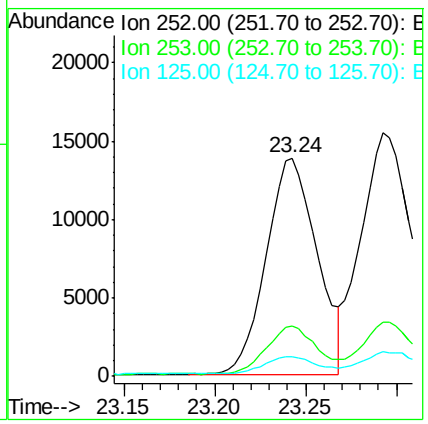


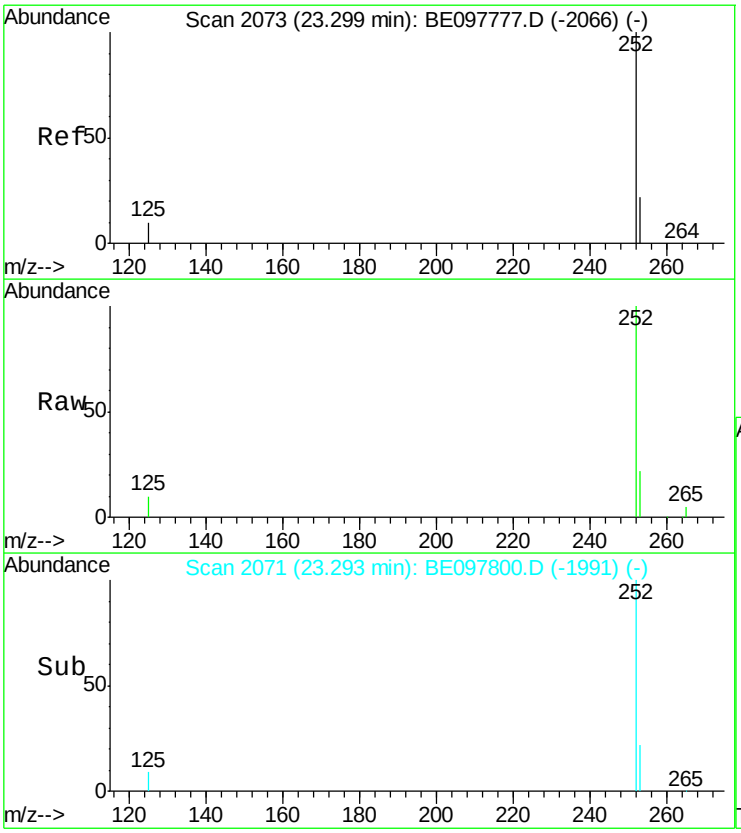
#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 23.24 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 26789

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	9.2	7.8	11.8

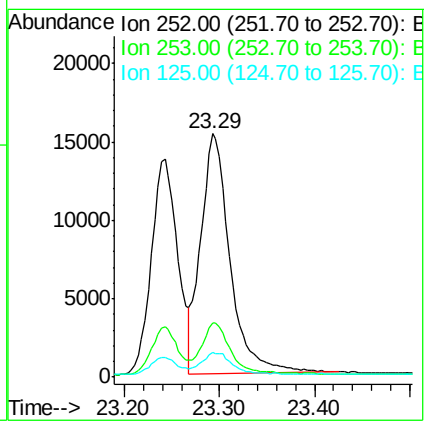


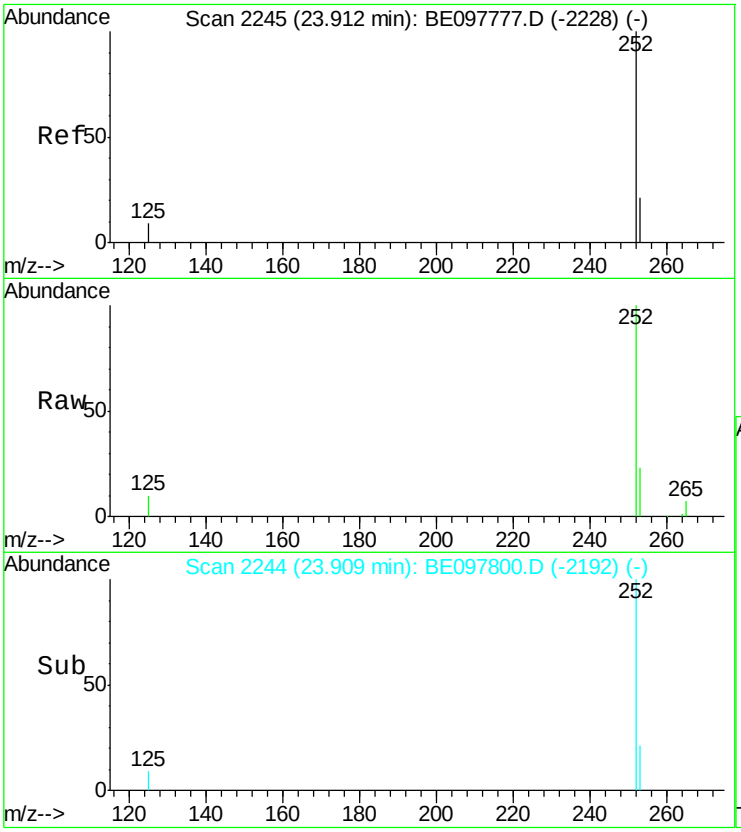


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.29 min Scan# 2071
Delta R.T. -0.02 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:252 Resp: 32917

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.0	7.5	11.3



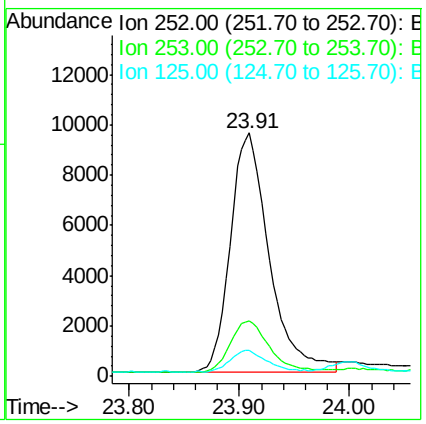


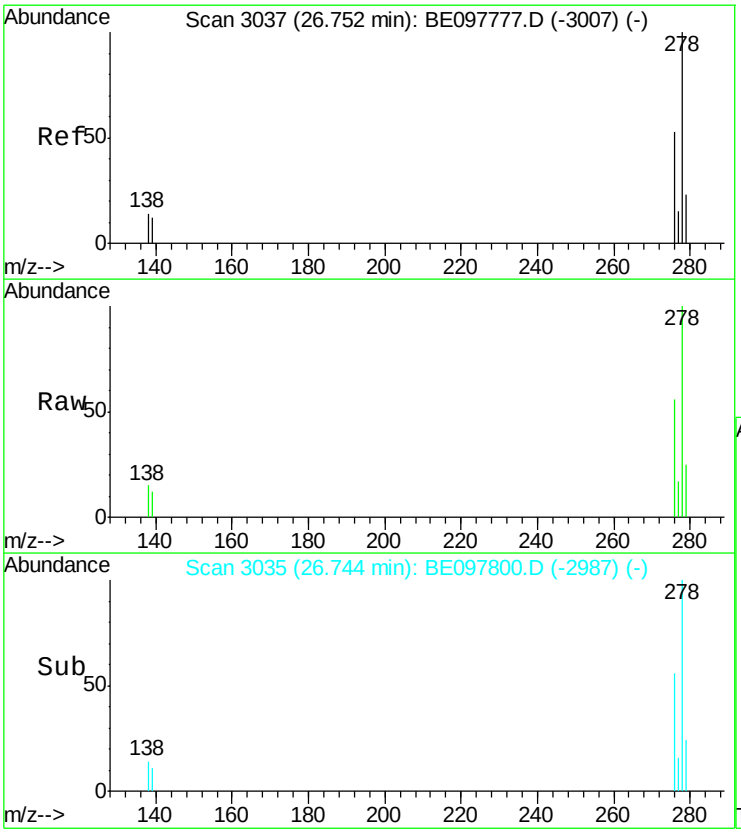
#37
Benzo(a)pyrene
Concen: 0.340 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23408

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.4	8.3	12.5

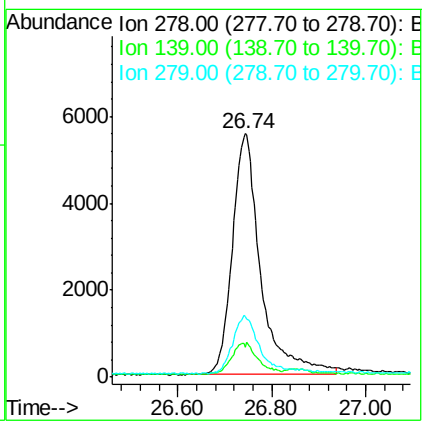


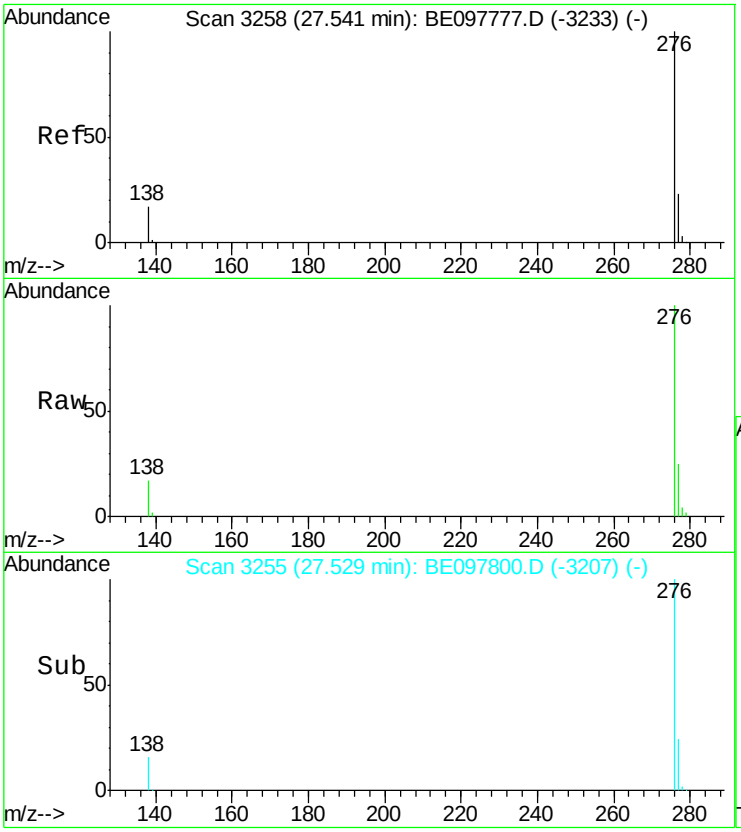


#38
Dibenzo(a,h)anthracene
Concen: 0.346 ng
RT: 26.74 min Scan# 3035
Delta R.T. -0.03 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Tgt Ion:278 Resp: 23443

Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.3	15.5
279	24.9	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.360 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.03 min
Lab File: BE097800.D
Acq: 8 Oct 2018 19:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 25568

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.1	28.7
138	17.2	14.2	21.2