Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
Data File : BE097799.D
Acq On : 8 Oct 2018 18:43
Operator : SJ/JU
Sample : PB113577BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB113577BS

Quant Time: Oct 09 06:58:24 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	7.88	152	4762	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	18262	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8585	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	19966	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	21476	0.40	ng	-0.01
34) Perylene-d12	24.02	264	23074	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	4586	0.41	ng	0.00
5) Phenol-d6	7.04	99	6286	0.36	ng	0.00
8) Nitrobenzene-d5	9.04	82	4098	0.69	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	14025	0.48	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	617	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	16165	0.43	ng	-0.02
25) Fluoranthene-d10	19.32	212	90460	0.36	ng	-0.01
29) Terphenyl-d14	19.92	244	15828	0.36	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	3803	0.401	ng	# 90
3) n-Nitrosodimethylamine	3.70	42	3458	0.401	ng	# 89
6) bis(2-Chloroethyl)ether	7.31	93	6426	0.360	ng	99
9) Naphthalene	10.73	128	74171	0.403	ng	100
10) Hexachlorobutadiene	11.03	225	3719	0.381	ng	99
12) 2-Methylnaphthalene	12.35	142	12094	0.411	ng	97
16) Acenaphthylene	14.27	152	14583	0.384	ng	98
17) Acenaphthene	14.61	154	9545	0.392	ng	97
18) Fluorene	15.59	166	12316	0.381	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	4096	0.391	ng	98
21) Hexachlorobenzene	16.59	284	4406	0.374	ng	96
22) Pentachlorophenol	16.94	266	1379	0.746	ng	98
23) Phenanthrene	17.34	178	20787	0.404	ng	99
24) Anthracene	17.42	178	17450	0.393	ng	99
26) Fluoranthene	19.35	202	23853	0.364	ng	100
28) Pyrene	19.71	202	23778	0.436	ng	100
30) Benzo(a)anthracene	21.46	228	24344	0.422	ng	99
31) Chrysene	21.51	228	27919	0.433	ng	99
32) Bis(2-ethylhexyl)phthalate	21.40	149	17959	0.425	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	31302	0.558	ng	98
35) Benzo(b)fluoranthene	23.24	252	25596	0.404	ng	98
36) Benzo(k)fluoranthene	23.30	252	30285	0.431	ng	98
37) Benzo(a)pyrene	23.91	252	24218	0.422	ng	98
38) Dibenzo(a,h)anthracene	26.75	278	26233	0.465	ng	98
39) Benzo(g,h,i)perylene	27.53	276	29259	0.495	ng	100

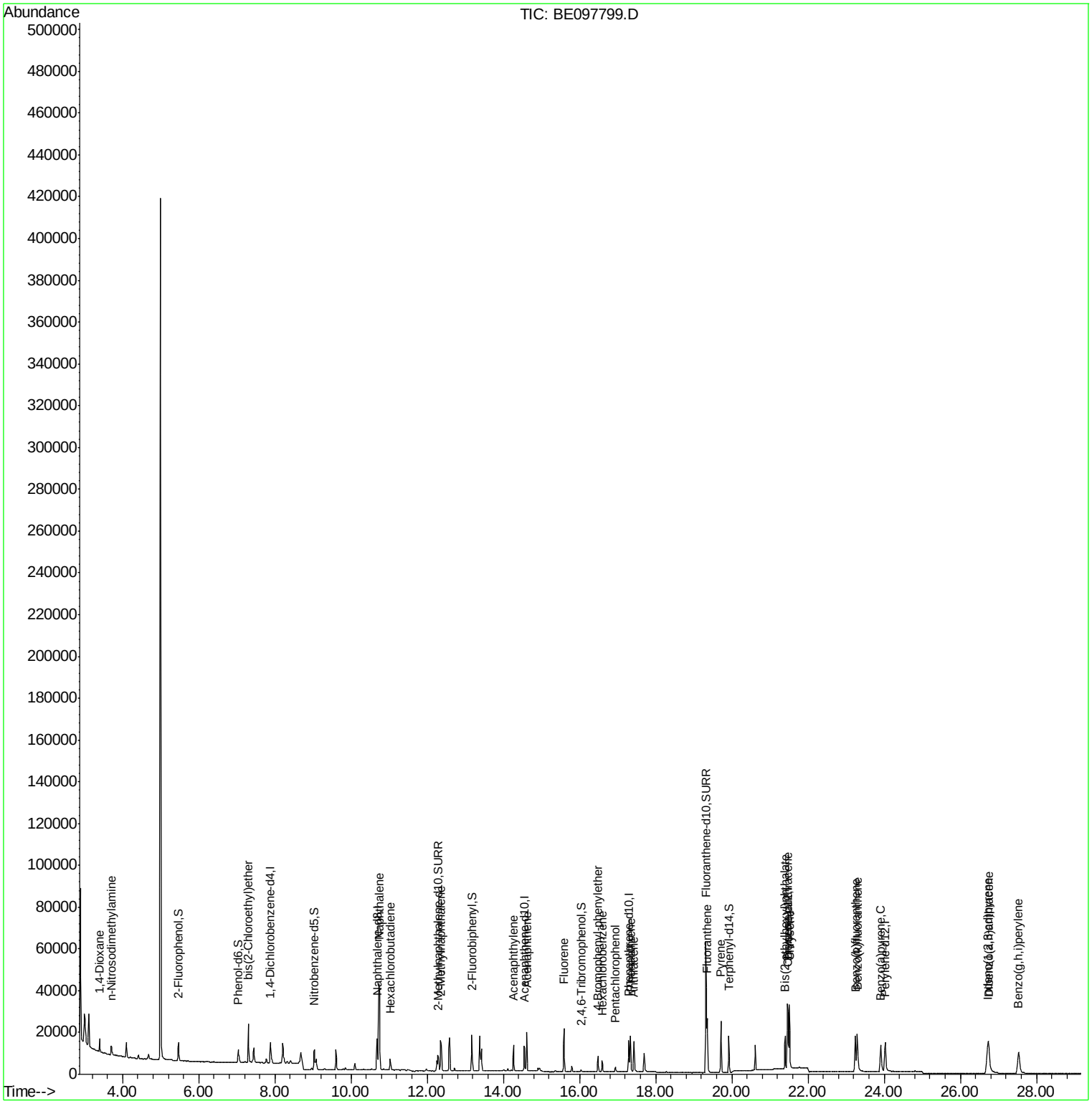
(#) = qualifier out of range (m) = manual integration (+) = signals summed

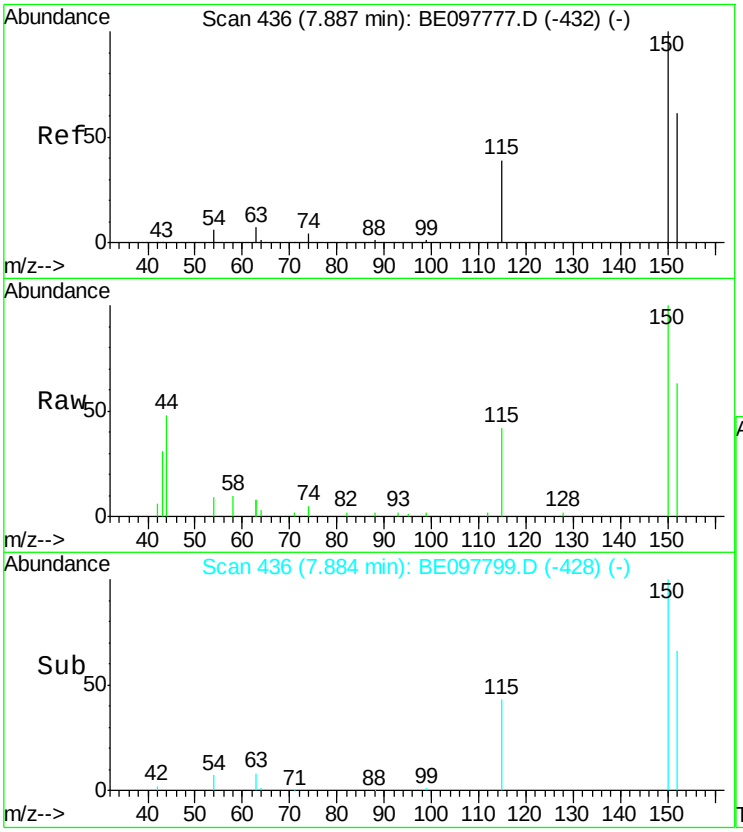
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
Data File : BE097799.D
Acq On : 8 Oct 2018 18:43
Operator : SJ/JU
Sample : PB113577BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Quant Time: Oct 09 06:58:24 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



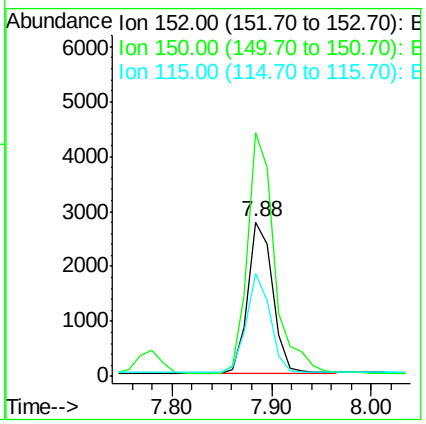


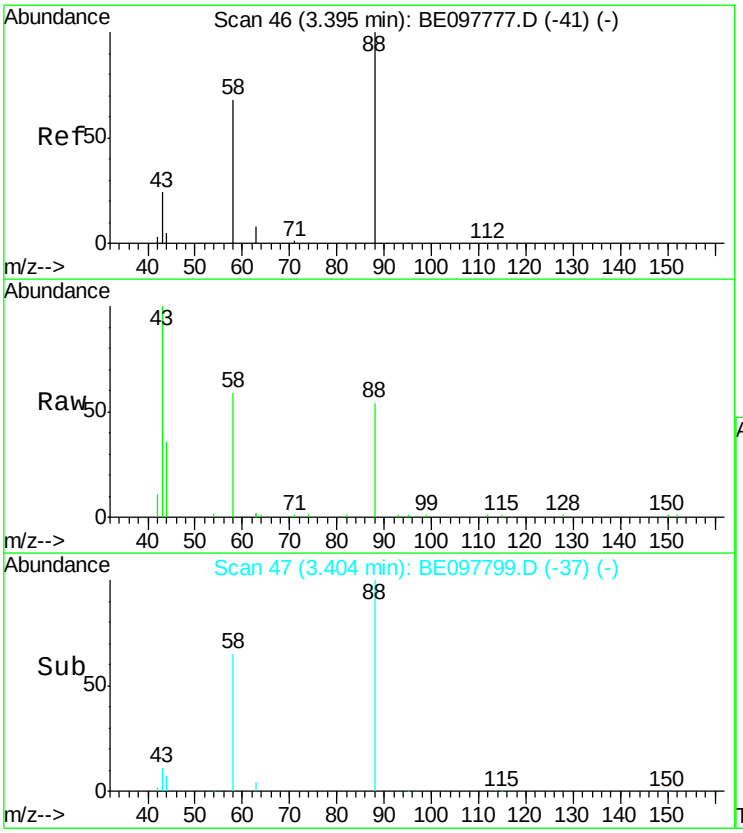
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:152 Resp: 4762

Ion	Ratio	Lower	Upper
152	100		
150	157.6	120.9	181.3
115	66.8	46.6	69.8

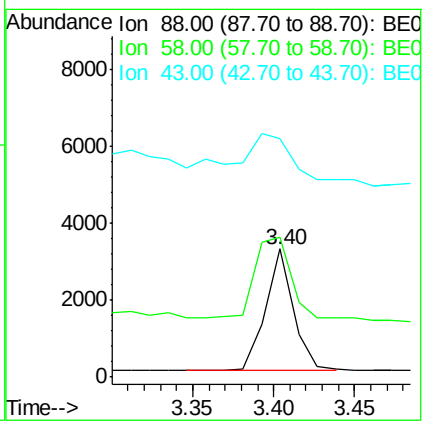


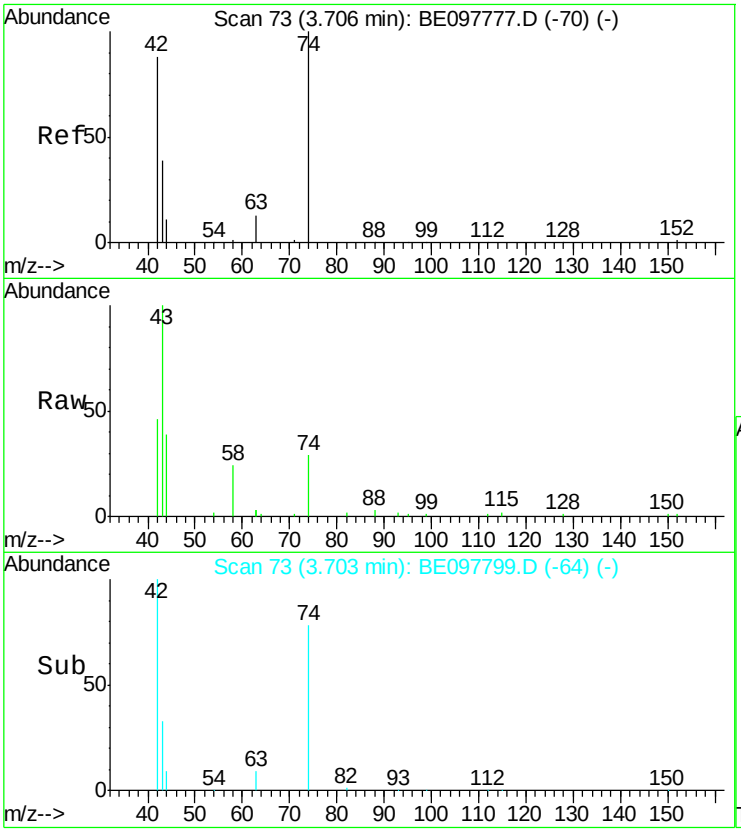


#2
1,4-Dioxane
Concen: 0.401 ng
RT: 3.40 min Scan# 47
Delta R.T. 0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion: 88 Resp: 3803

Ion	Ratio	Lower	Upper
88	100		
58	84.0	70.8	106.2
43	55.0	33.3	49.9#



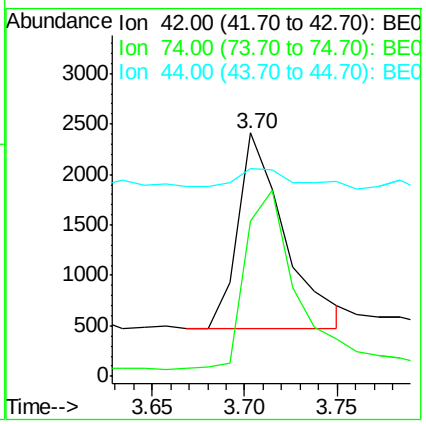


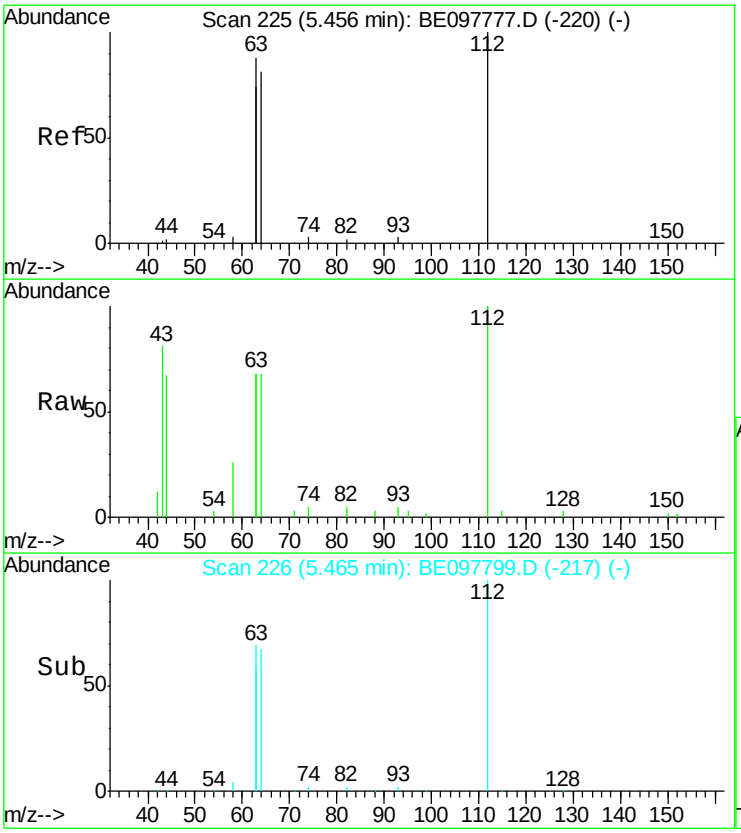
#3
n-Nitrosodimethylamine
Concen: 0.401 ng
RT: 3.70 min Scan# 73
Delta R.T. -0.00 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion: 42 Resp: 3458

Ion	Ratio	Lower	Upper
42	100		
74	96.5	70.7	106.1
44	8.8	15.0	22.4#

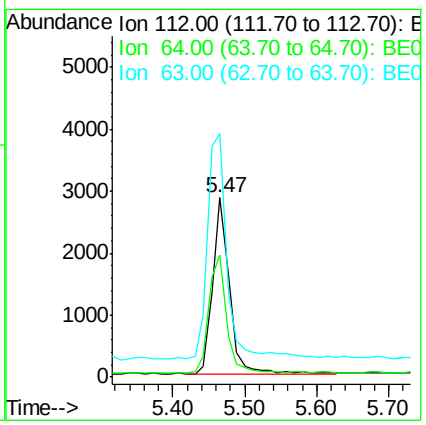


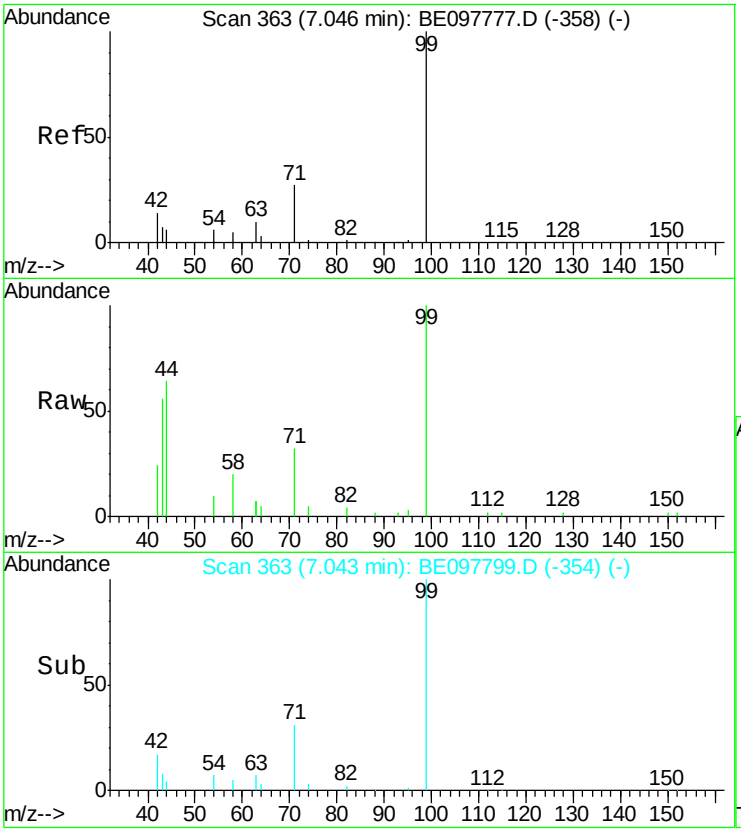


#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:112 Resp: 4586

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.6	84.8
63	143.3	119.4	179.0



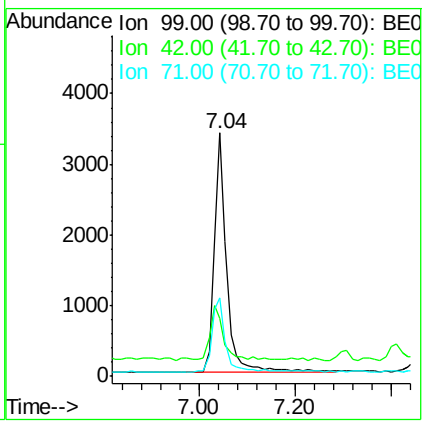


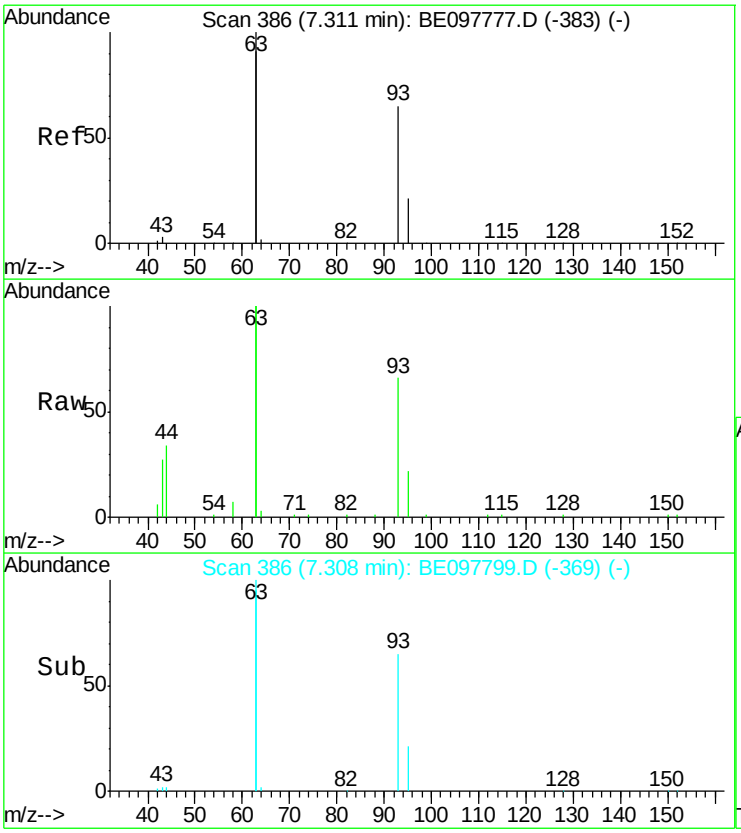
#5
Phenol-d6
Concen: 0.364 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion: 99 Resp: 6286

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.9	29.9
71	33.2	25.4	38.2

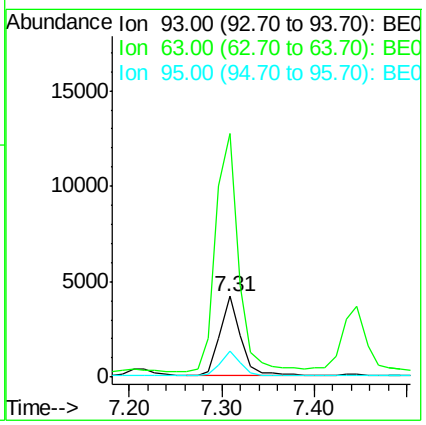


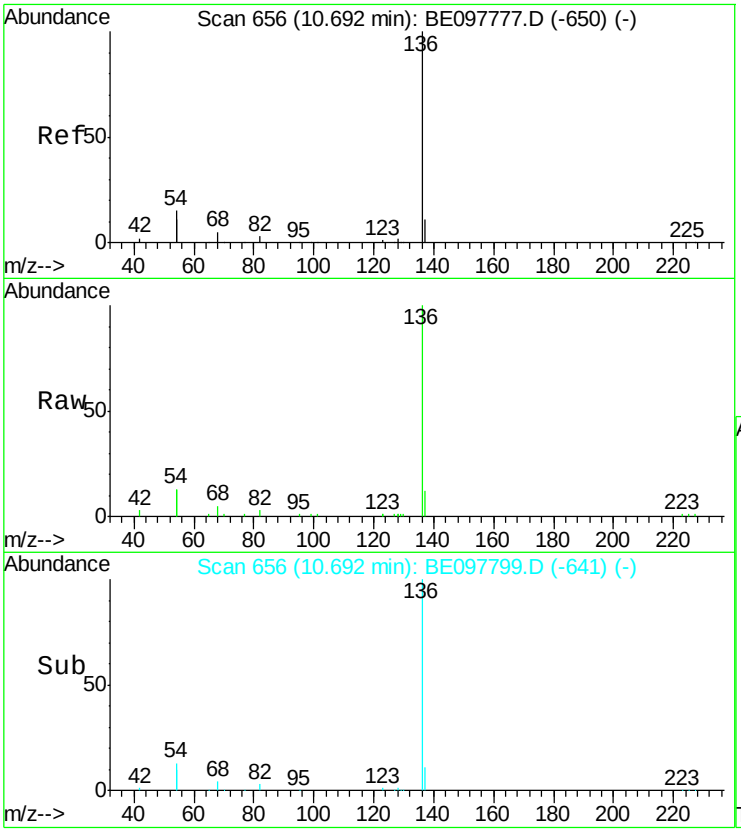


#6
bis(2-Chloroethyl)ether
Concen: 0.360 ng
RT: 7.31 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion: 93 Resp: 6426

Ion	Ratio	Lower	Upper
93	100		
63	331.3	266.9	400.3
95	32.0	26.2	39.2



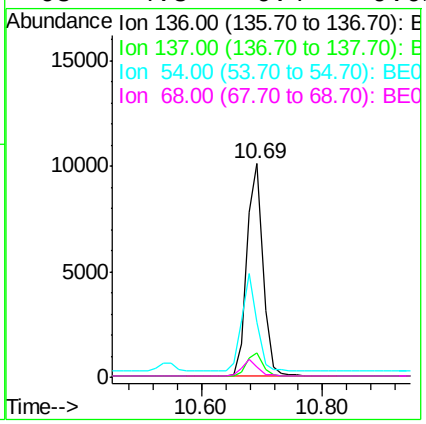


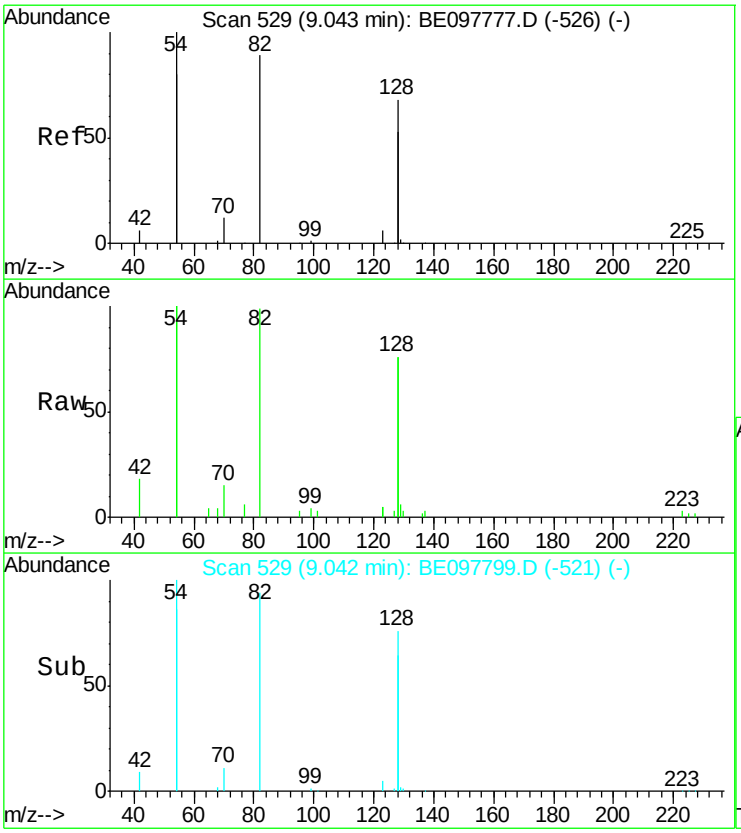
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:136 Resp: 18262

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	25.9	37.8	56.6#
68	4.8	6.4	9.6#

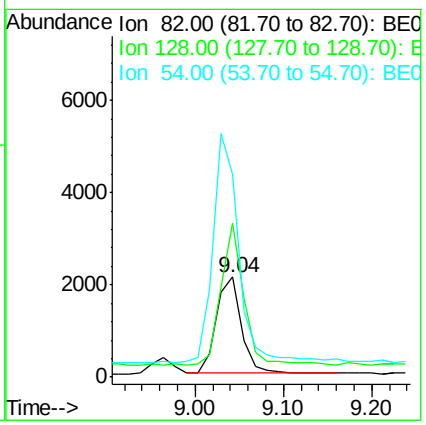


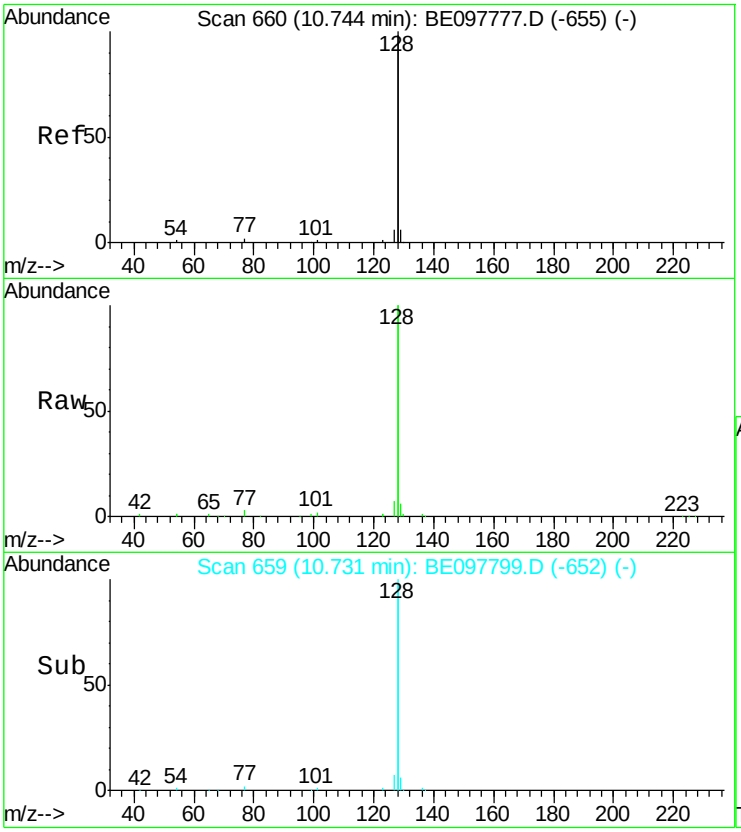


#8
Nitrobenzene-d5
Concen: 0.691 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion: 82 Resp: 4098

Ion	Ratio	Lower	Upper
82	100		
128	154.1	97.0	145.4#
54	202.3	206.9	310.3#



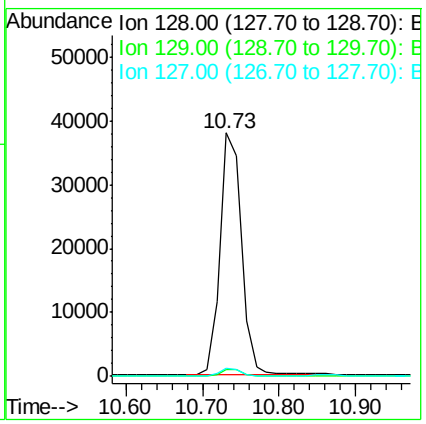


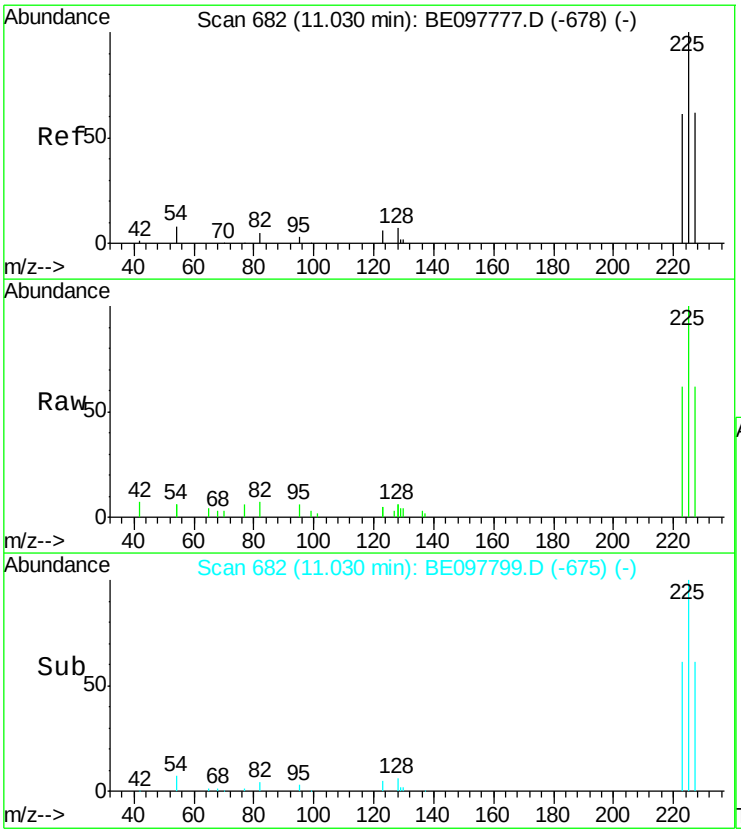
#9
Naphthalene
Concen: 0.403 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:128 Resp: 74171

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.2	3.2
127	3.5	2.7	4.1

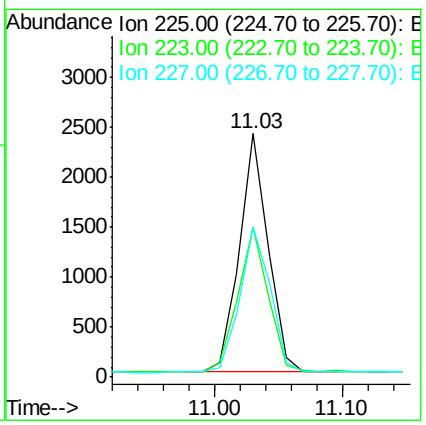


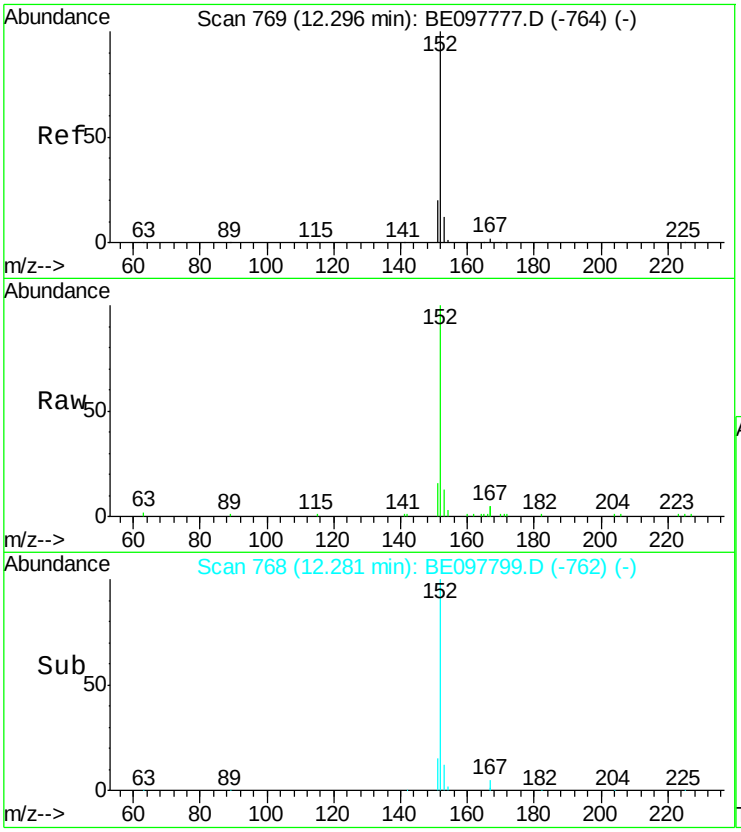


#10
Hexachlorobutadiene
Concen: 0.381 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:225 Resp: 3719

Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.4
227	64.5	51.2	76.8



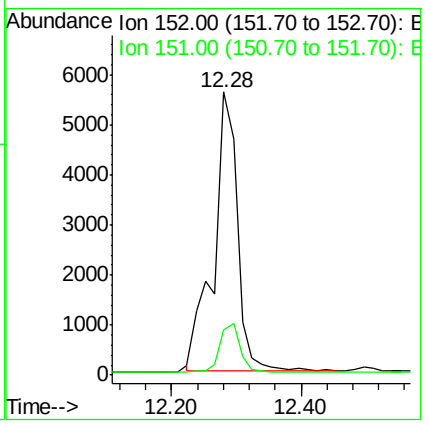


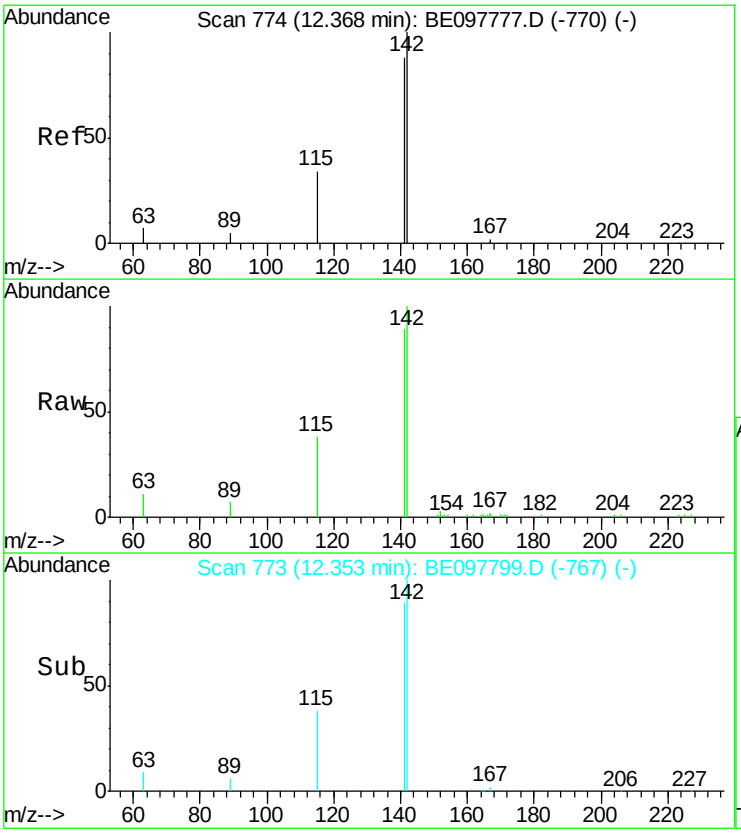
#11
2-Methylnaphthalene-d10
Concen: 0.483 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:152 Resp: 14025

Ion	Ratio	Lower	Upper
152	100		
151	15.2	15.4	23.2#

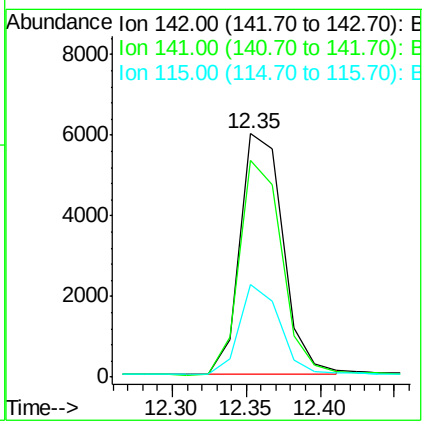


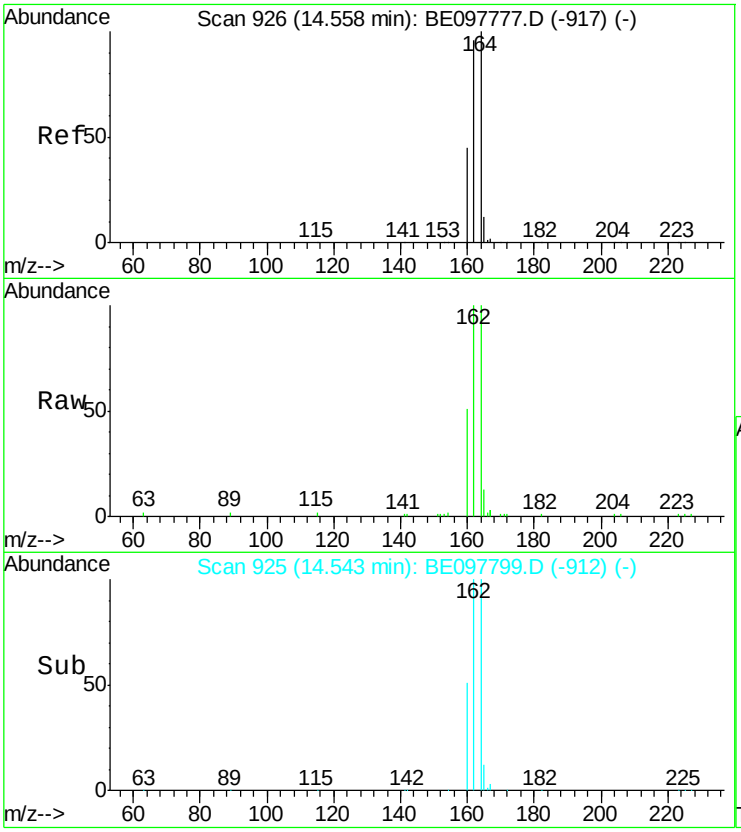


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.02 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:142 Resp: 12094

Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.4	104.2
115	38.3	28.0	42.0



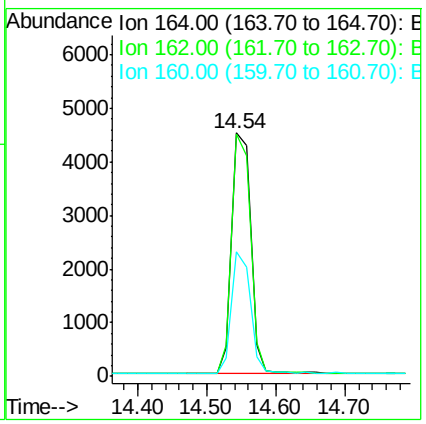


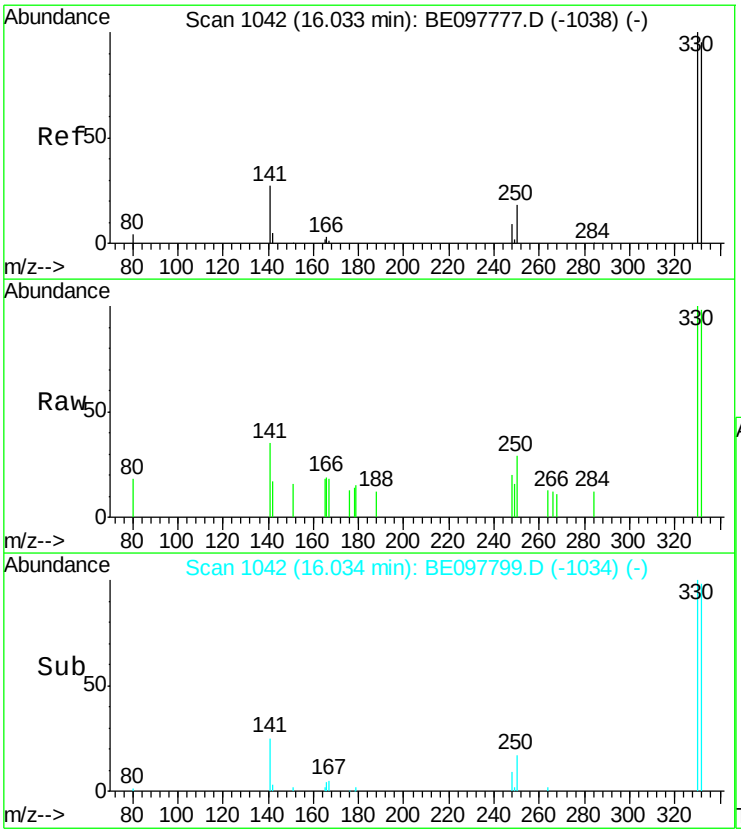
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.02 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:164 Resp: 8585

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.6	117.8
160	51.2	37.8	56.6

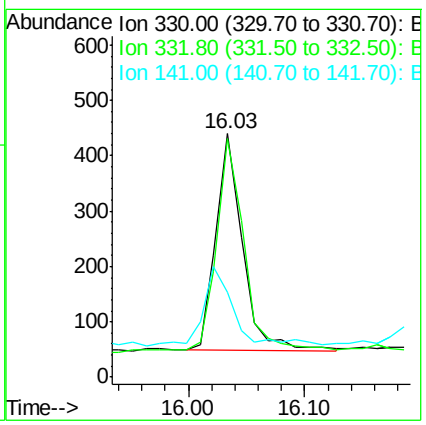


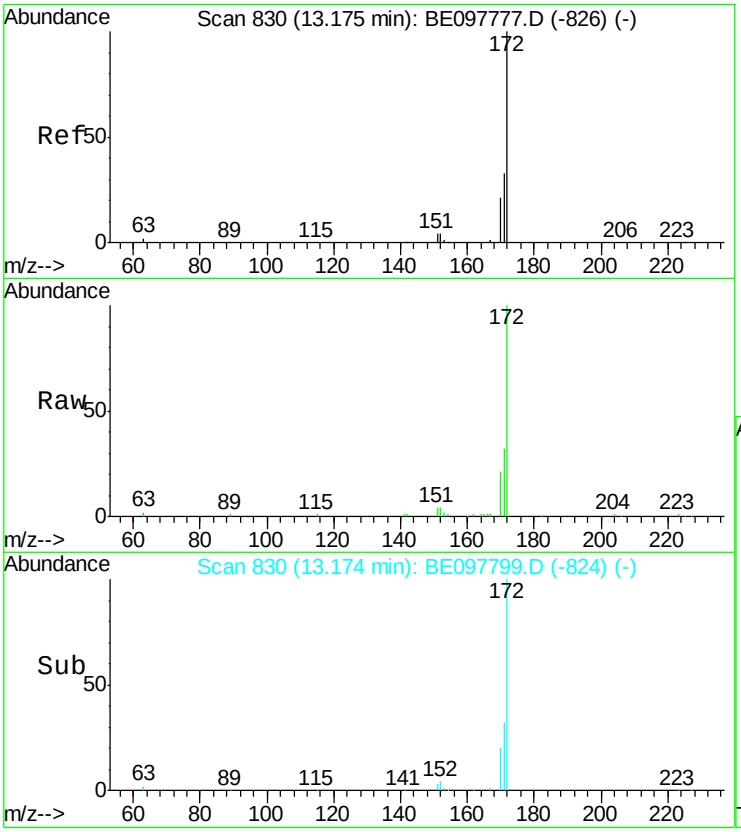


#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:330 Resp: 617

Ion	Ratio	Lower	Upper
330	100		
332	98.5	83.5	125.3
141	39.4	34.9	52.3



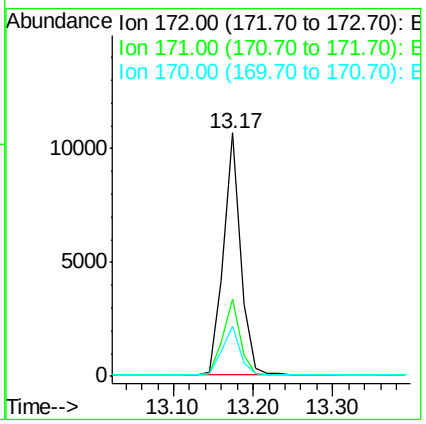


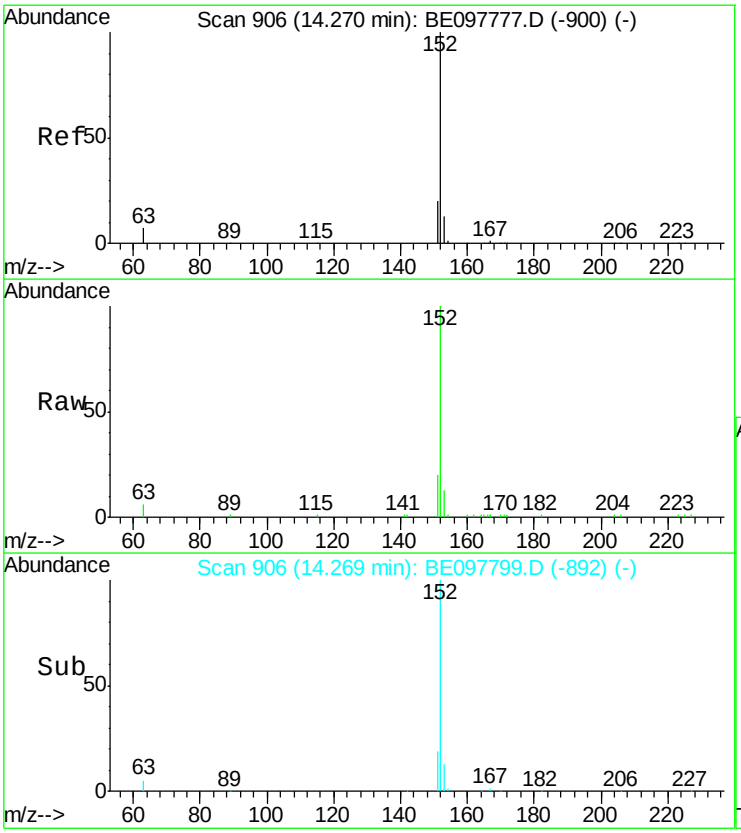
#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:172 Resp: 16165

Ion	Ratio	Lower	Upper
172	100		
171	31.9	25.2	37.8
170	20.9	16.2	24.2

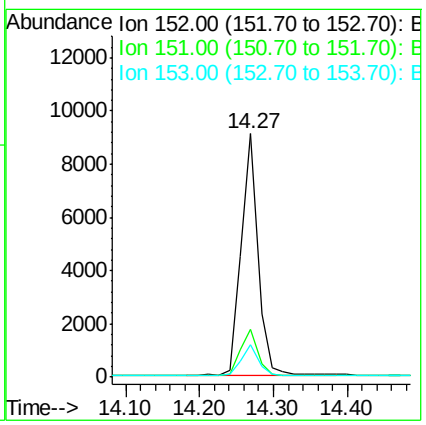


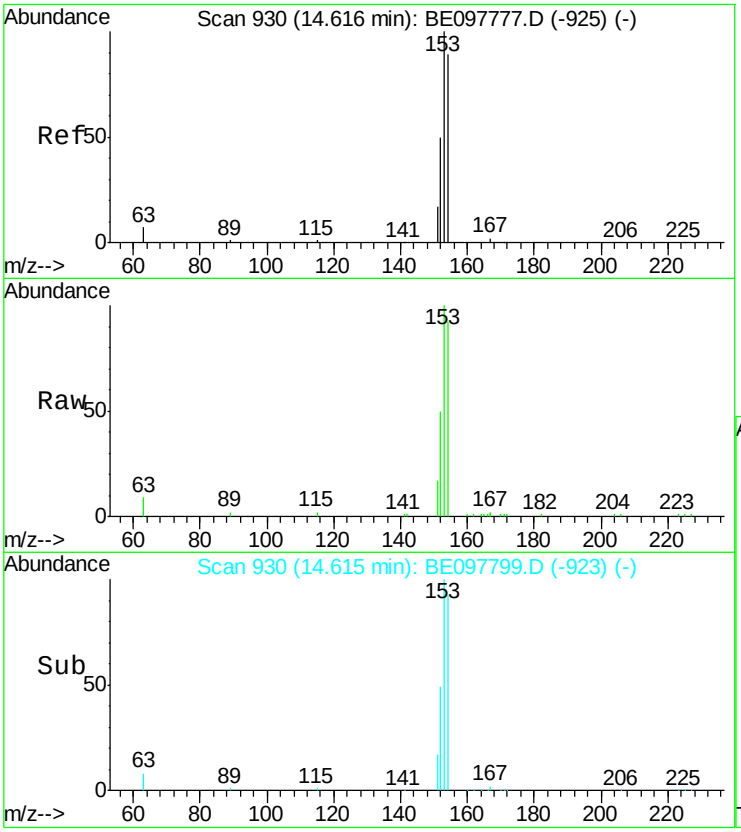


#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:152 Resp: 14583

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.3	22.9
153	13.2	10.8	16.2



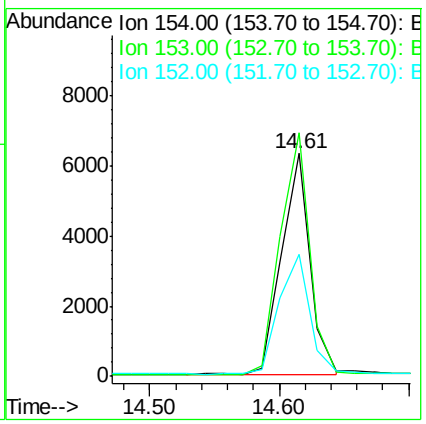


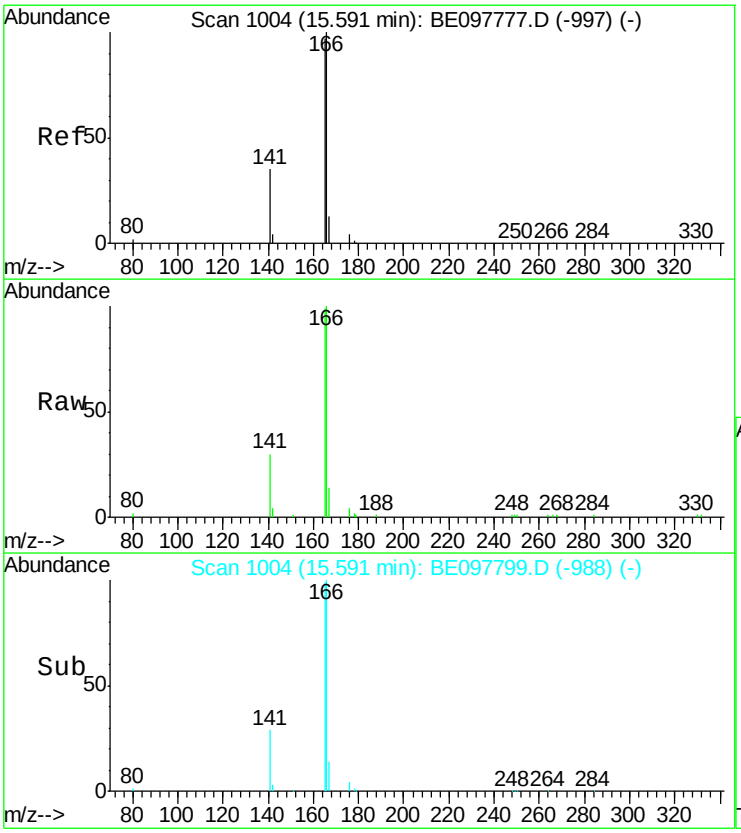
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:154 Resp: 9545

Ion	Ratio	Lower	Upper
154	100		
153	113.4	93.3	139.9
152	58.8	48.9	73.3

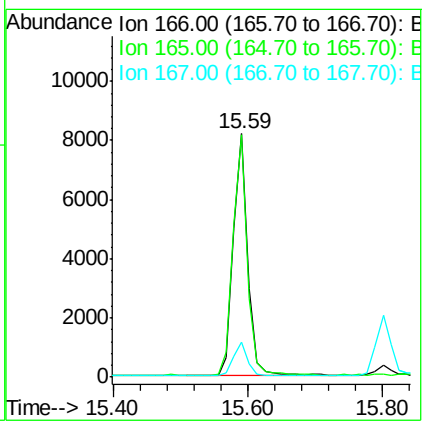


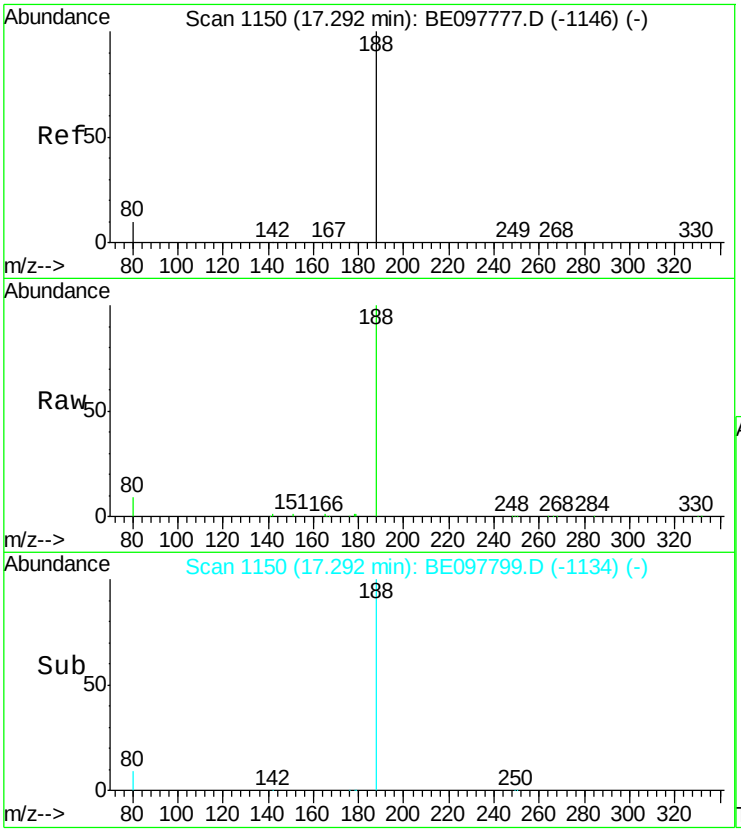


#18
Fluorene
Concen: 0.381 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:166 Resp: 12316

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.4
167	13.3	11.1	16.7



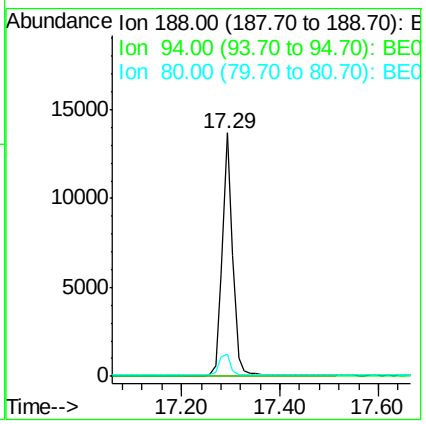


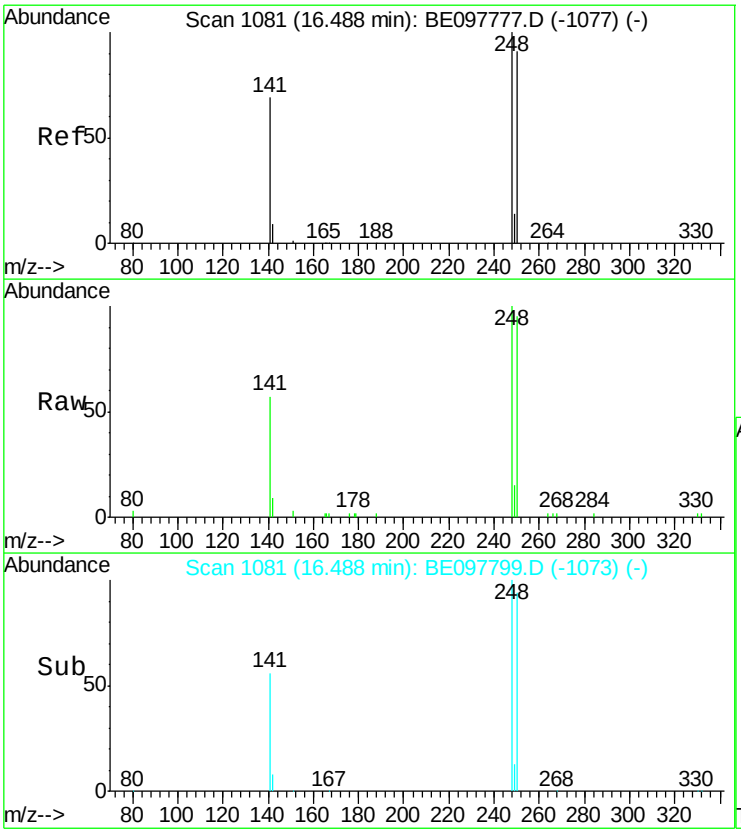
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:188 Resp: 19966

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	6.6	9.8

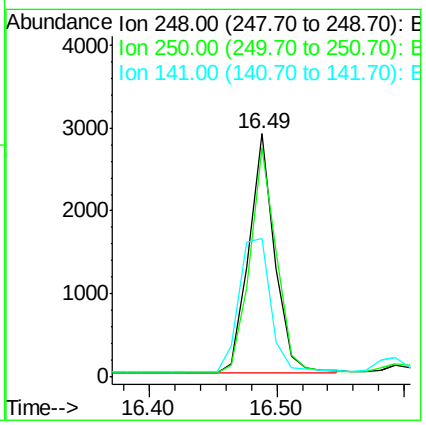


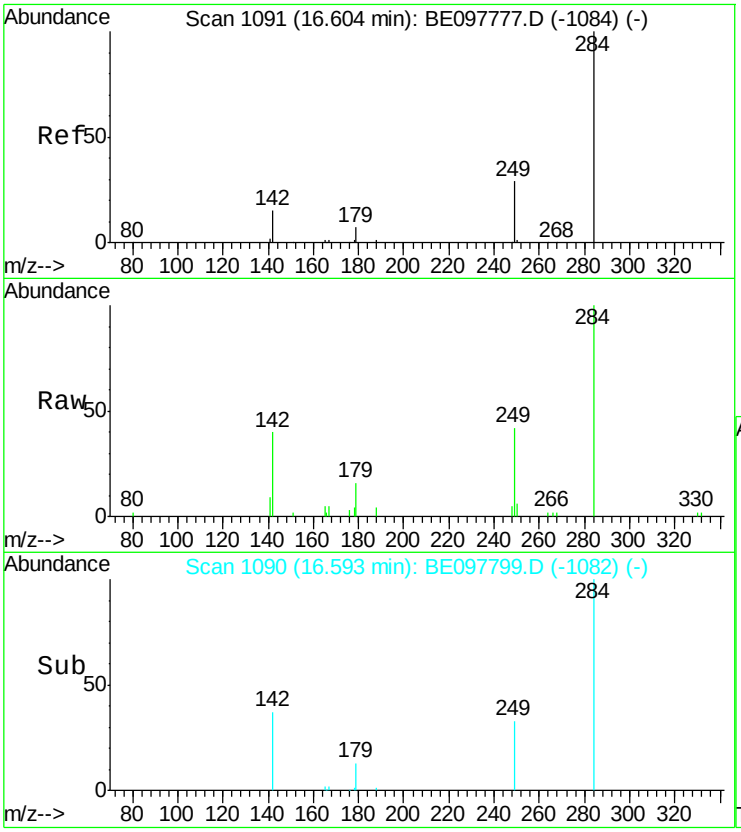


#20
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:248 Resp: 4096

Ion	Ratio	Lower	Upper
248	100		
250	94.5	76.1	114.1
141	56.7	42.2	63.4



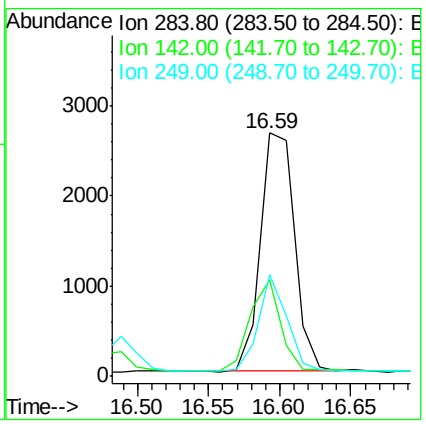


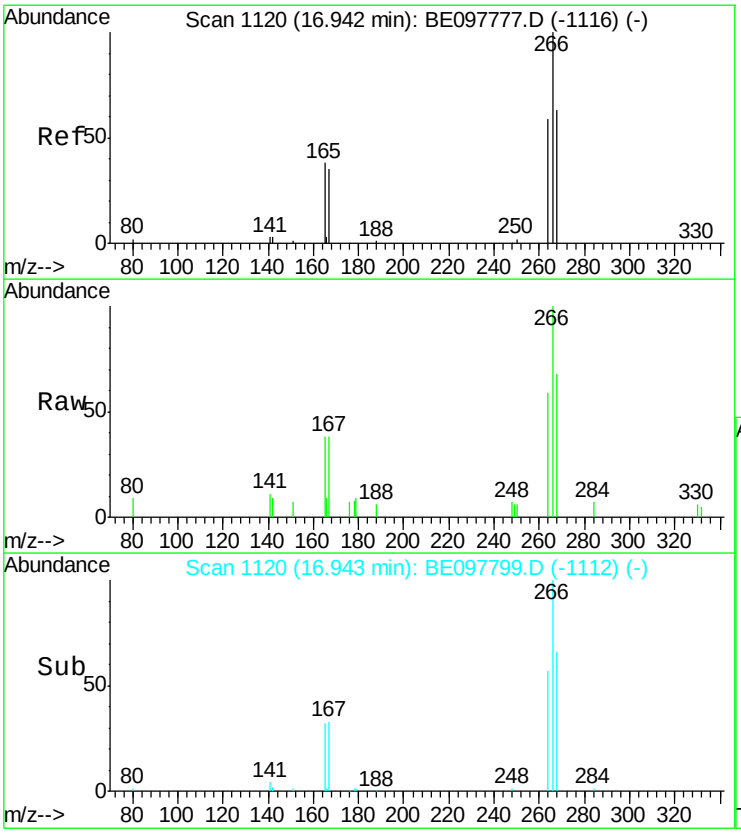
#21
Hexachlorobenzene
Concen: 0.374 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:284 Resp: 4406

Ion	Ratio	Lower	Upper
284	100		
142	34.9	24.9	37.3
249	33.4	25.8	38.8

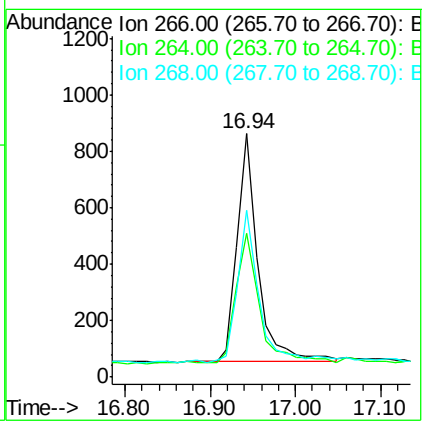


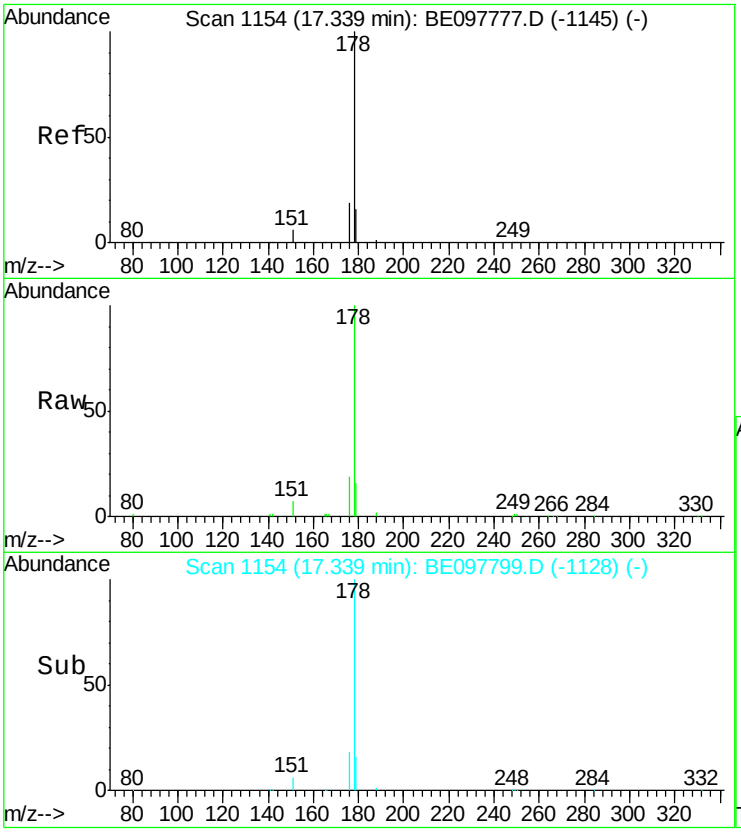


#22
Pentachlorophenol
Concen: 0.746 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:266 Resp: 1379

Ion	Ratio	Lower	Upper
266	100		
264	59.2	46.8	70.2
268	68.4	53.0	79.6



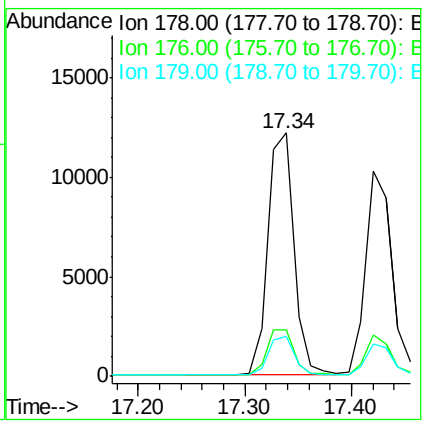


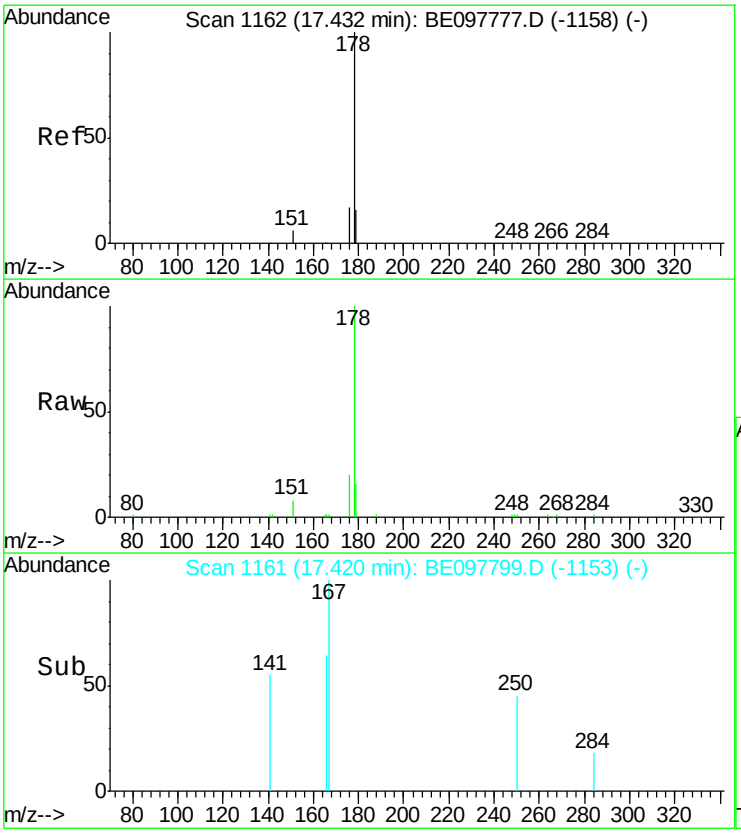
#23
Phenanthrene
Concen: 0.404 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:178 Resp: 20787

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.2	12.2	18.4

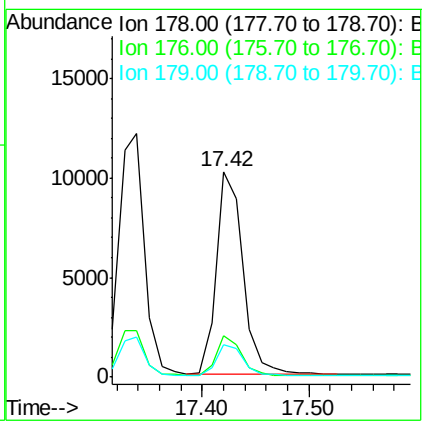


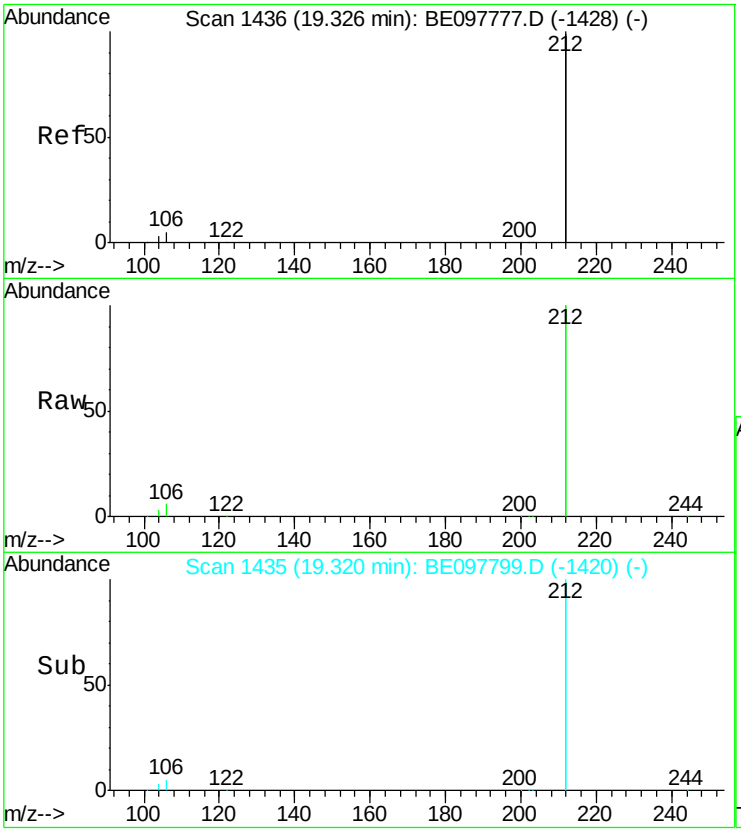


#24
Anthracene
Concen: 0.393 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:178 Resp: 17450

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.0	12.2	18.2



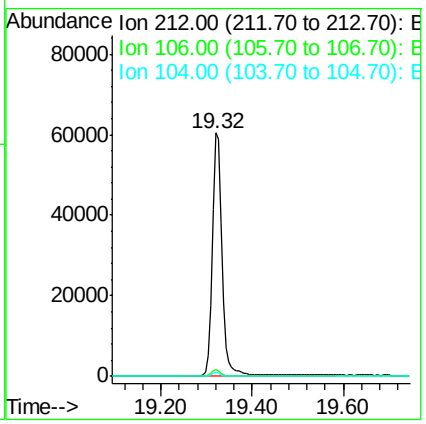


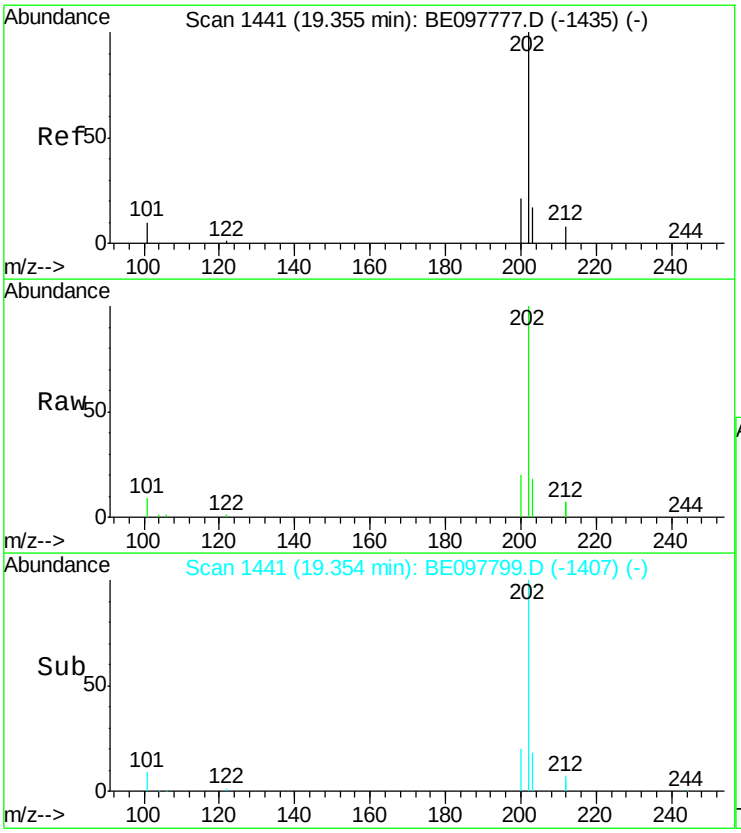
#25
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:212 Resp: 90460

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.5	1.2	1.8

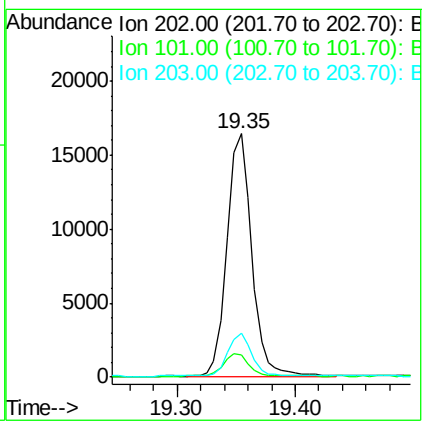


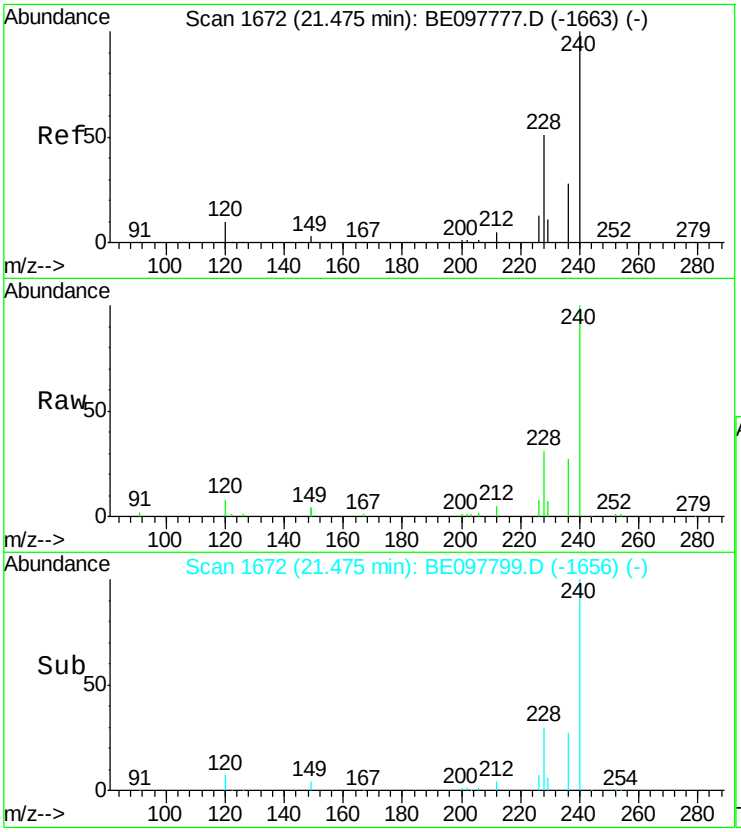


#26
Fluoranthene
Concen: 0.364 ng
RT: 19.35 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:202 Resp: 23853

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.8	11.8
203	17.0	13.8	20.6



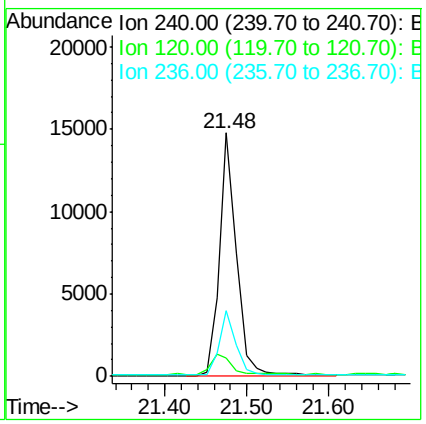


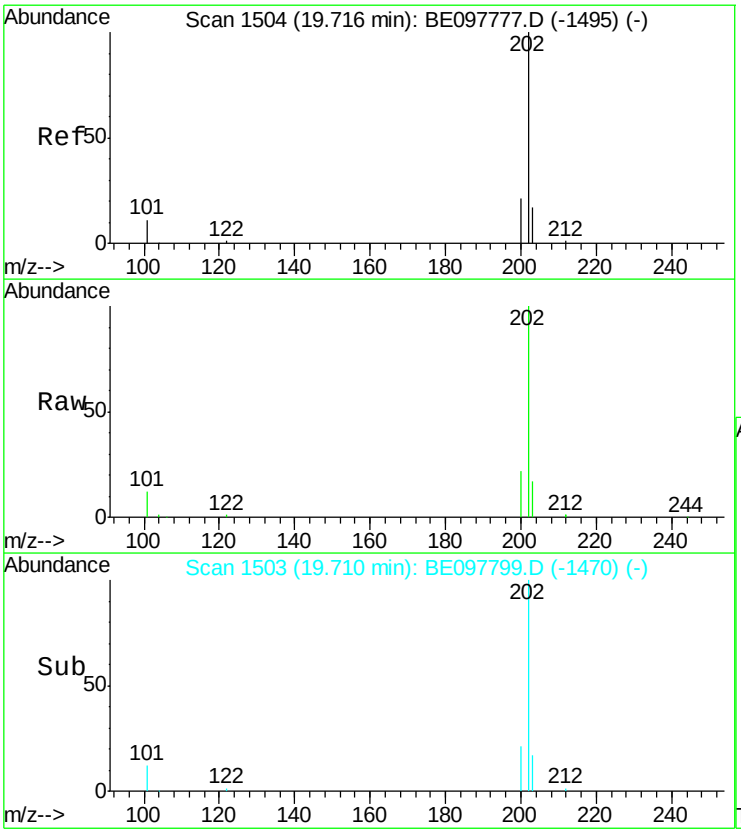
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:240 Resp: 21476

Ion	Ratio	Lower	Upper
240	100		
120	7.8	4.7	7.1#
236	27.2	20.8	31.2

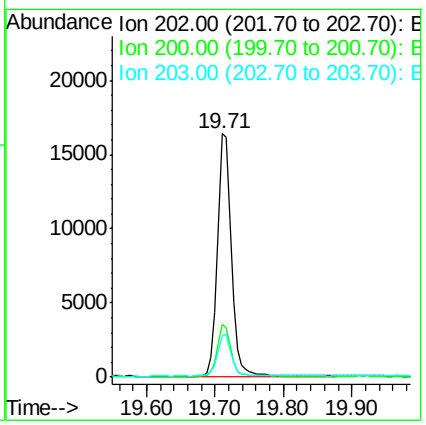


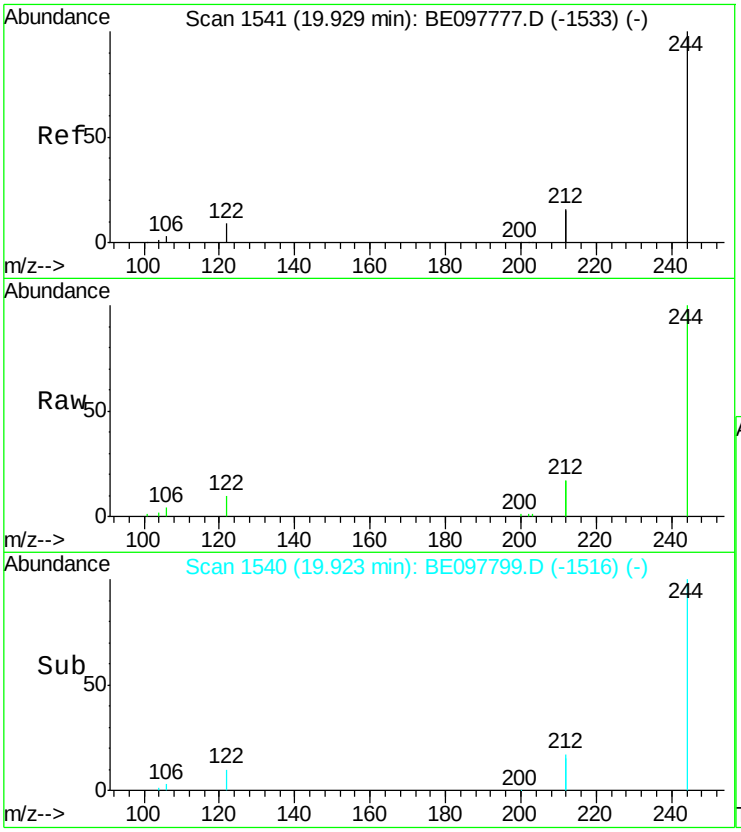


#28
Pyrene
Concen: 0.436 ng
RT: 19.71 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:202 Resp: 23778

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.5	13.9	20.9



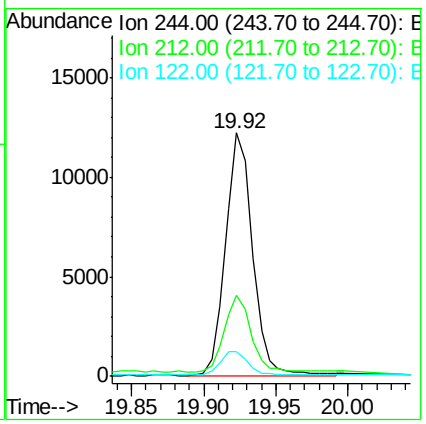


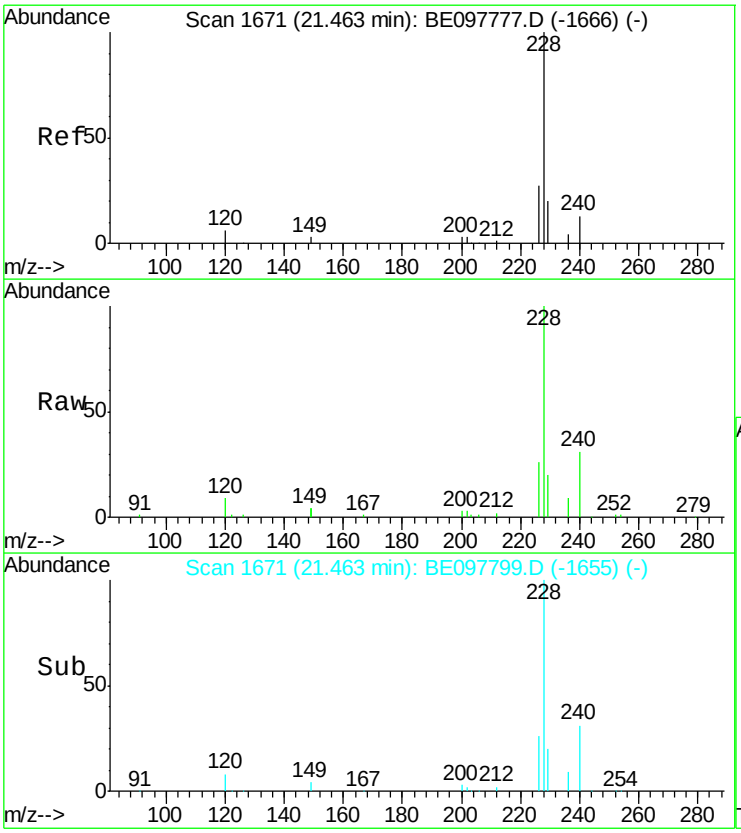
#29
Terphenyl-d14
Concen: 0.361 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:244 Resp: 15828

Ion	Ratio	Lower	Upper
244	100		
212	33.4	25.8	38.8
122	10.3	8.7	13.1

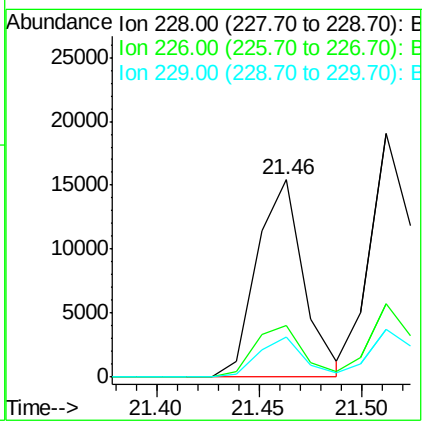


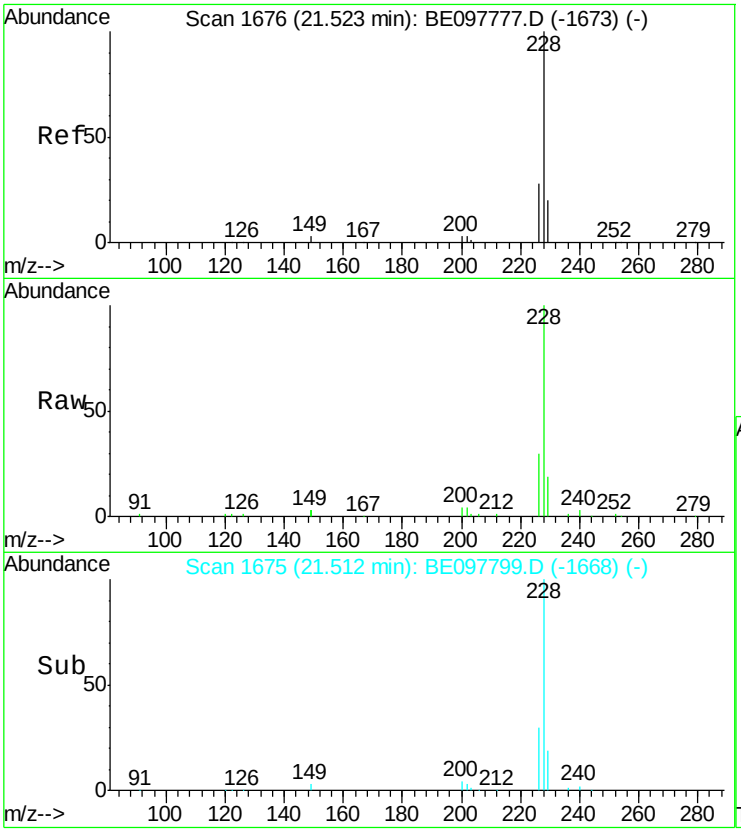


#30
Benzo(a)anthracene
Concen: 0.422 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:228 Resp: 24344

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.7	31.1
229	20.2	15.7	23.5



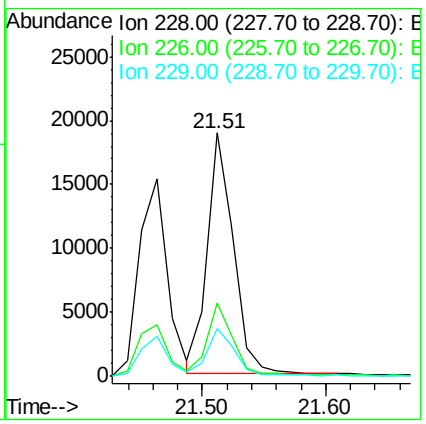


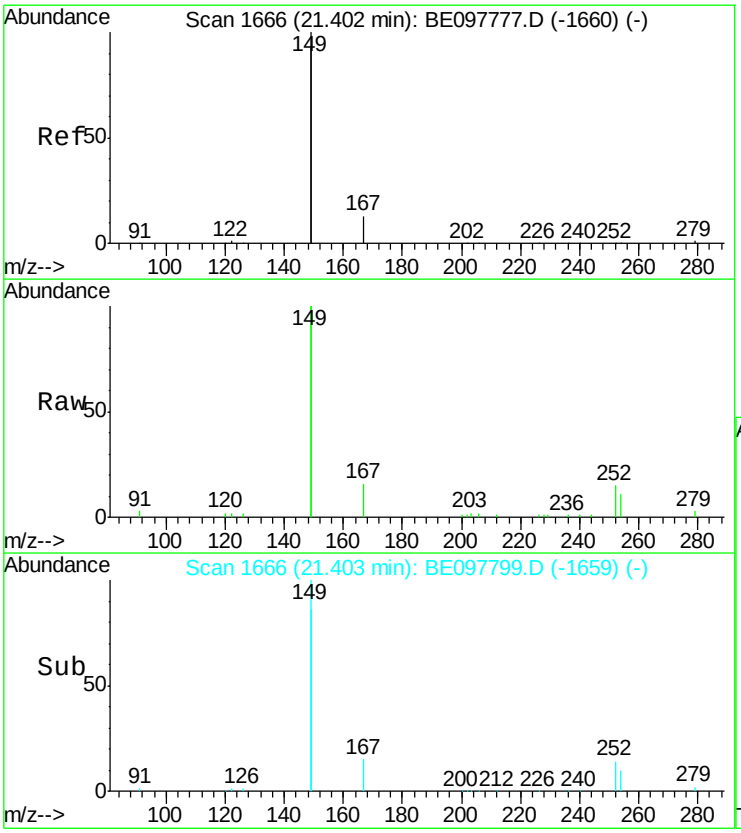
#31
Chrysene
Concen: 0.433 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:228 Resp: 27919

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.5	16.0	24.0

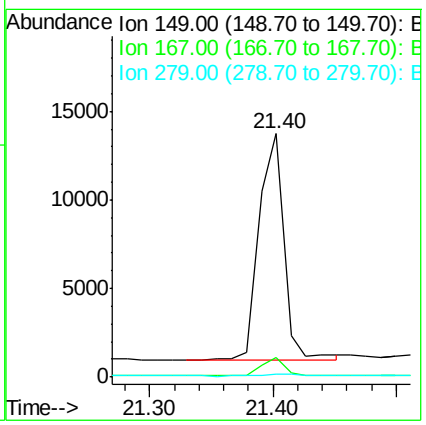


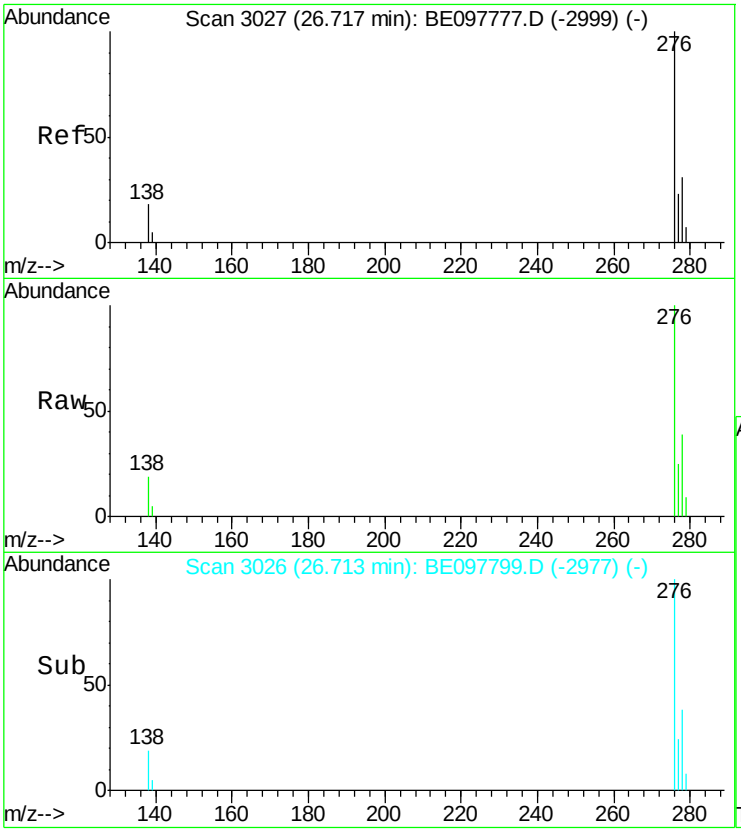


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.425 ng
RT: 21.40 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:149 Resp: 17959

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.5	8.3
279	1.3	0.9	1.3



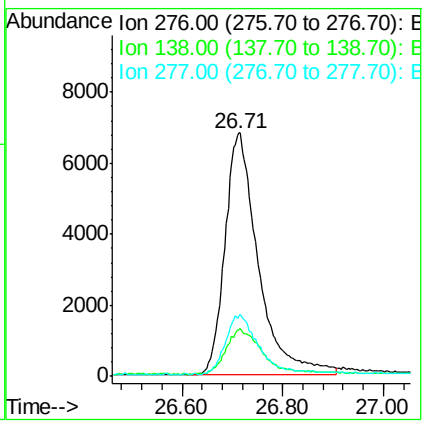


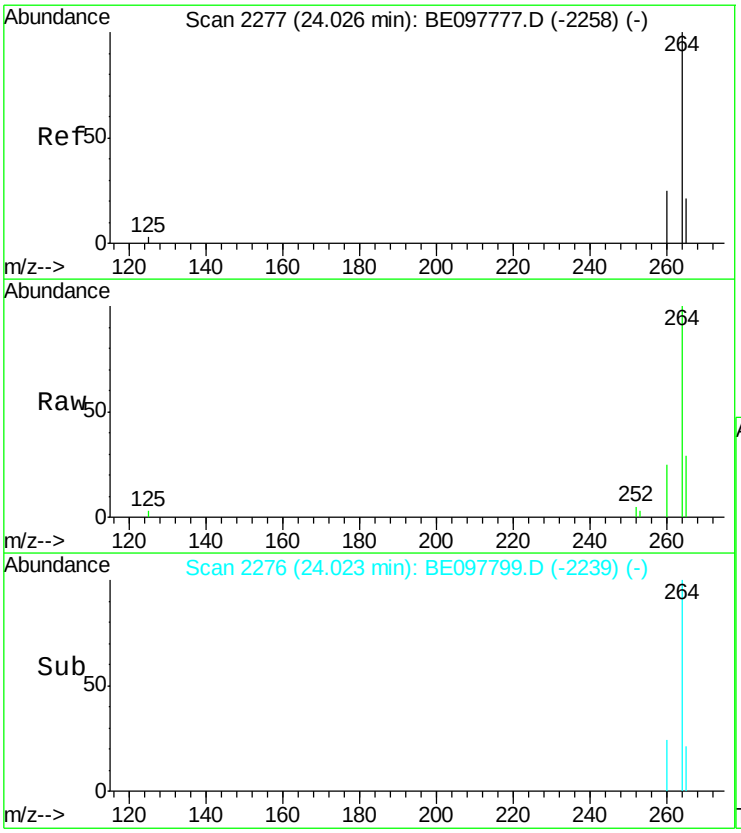
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.558 ng
RT: 26.71 min Scan# 3026
Delta R.T. -0.02 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:276 Resp: 31302

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.0	22.6
277	23.3	19.2	28.8

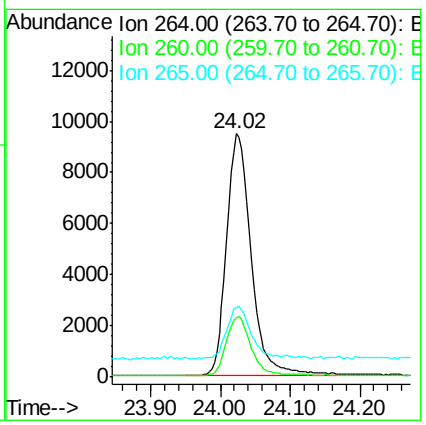


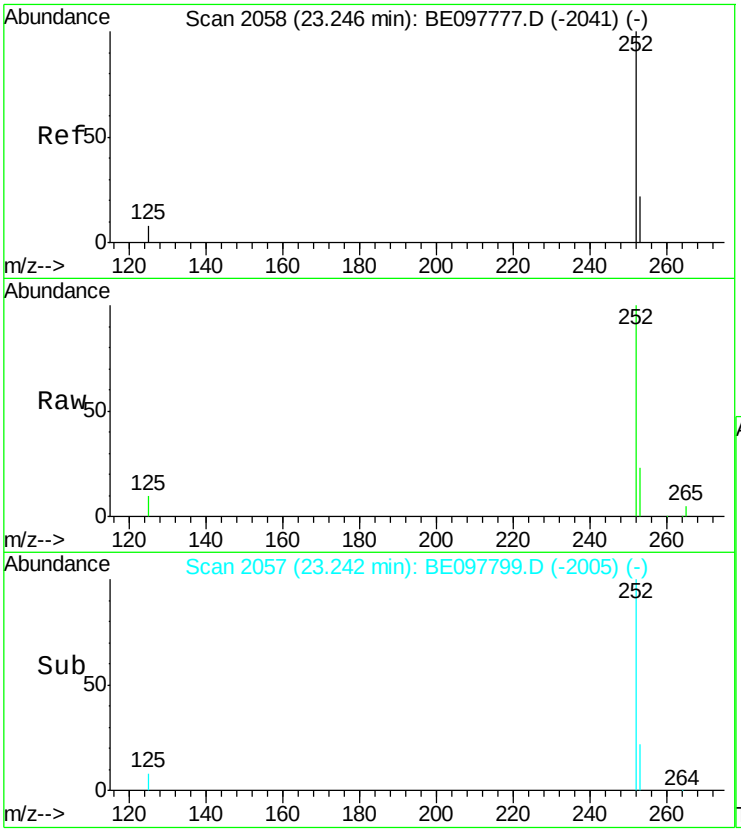


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:264 Resp: 23074

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	28.6	21.9	32.9



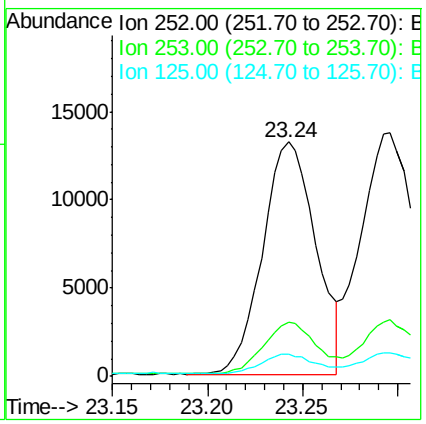


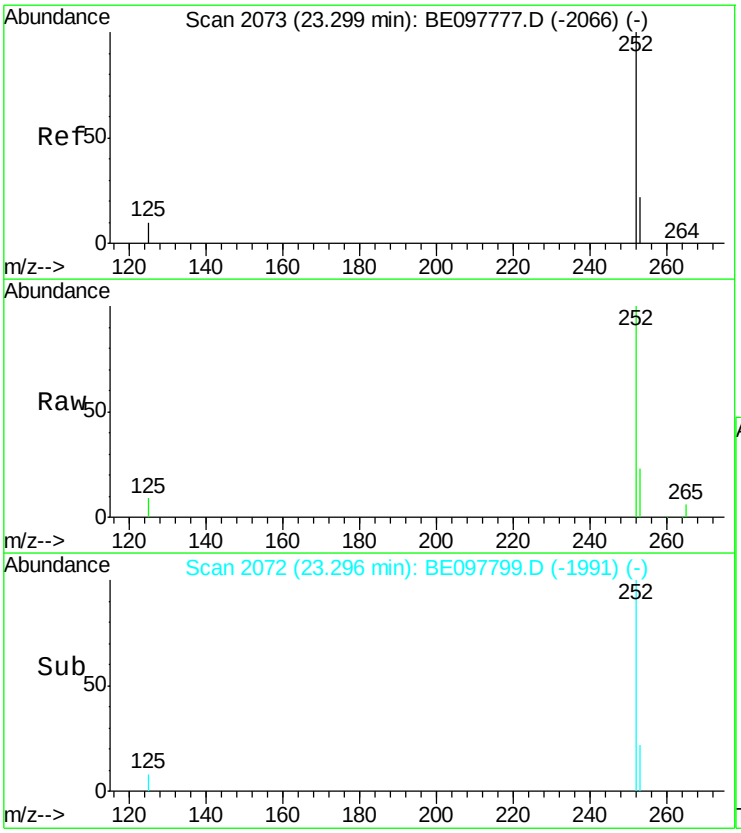
#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 23.24 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:252 Resp: 25596

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	9.6	7.8	11.8

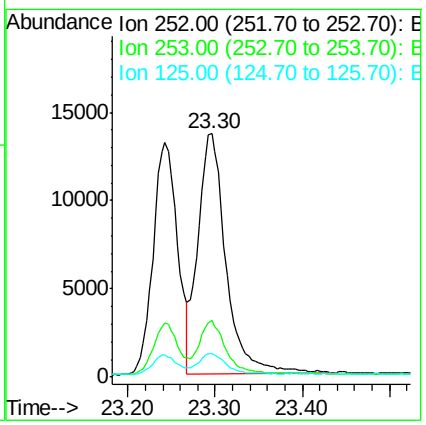


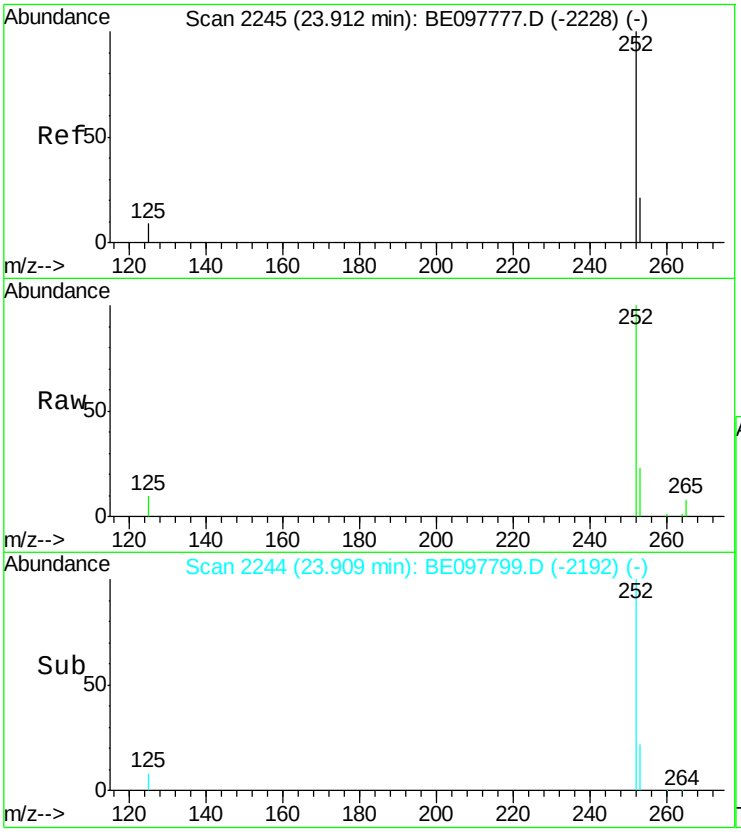


#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:252 Resp: 30285

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	9.4	7.5	11.3



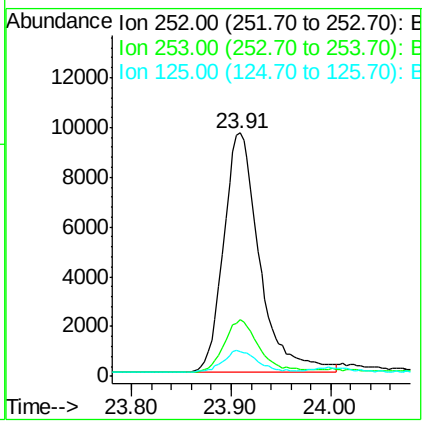


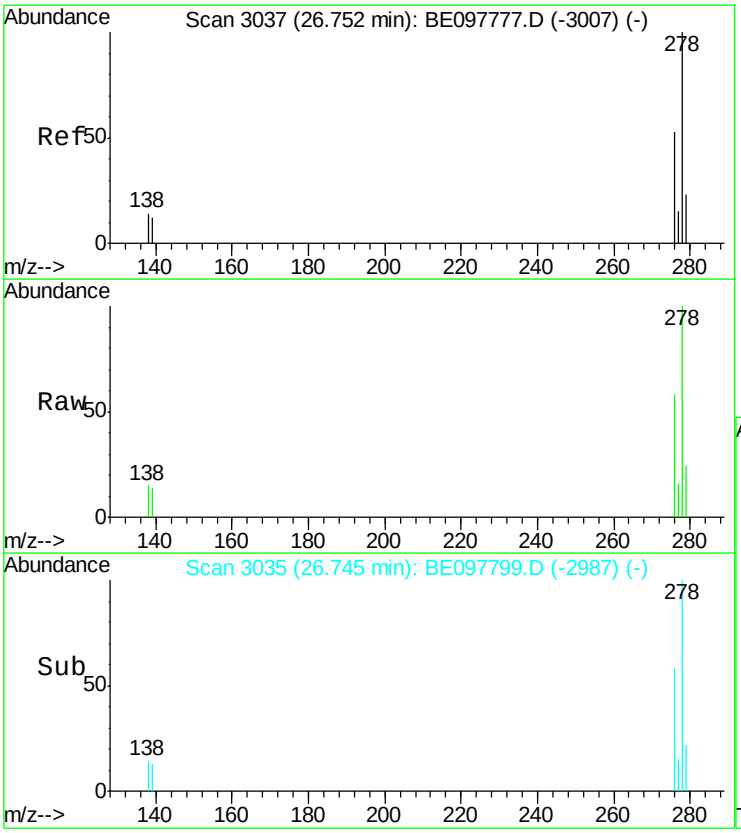
#37
Benzo(a)pyrene
Concen: 0.422 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:252 Resp: 24218

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	9.9	8.3	12.5

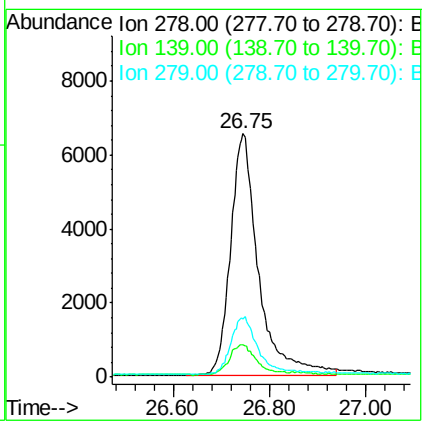


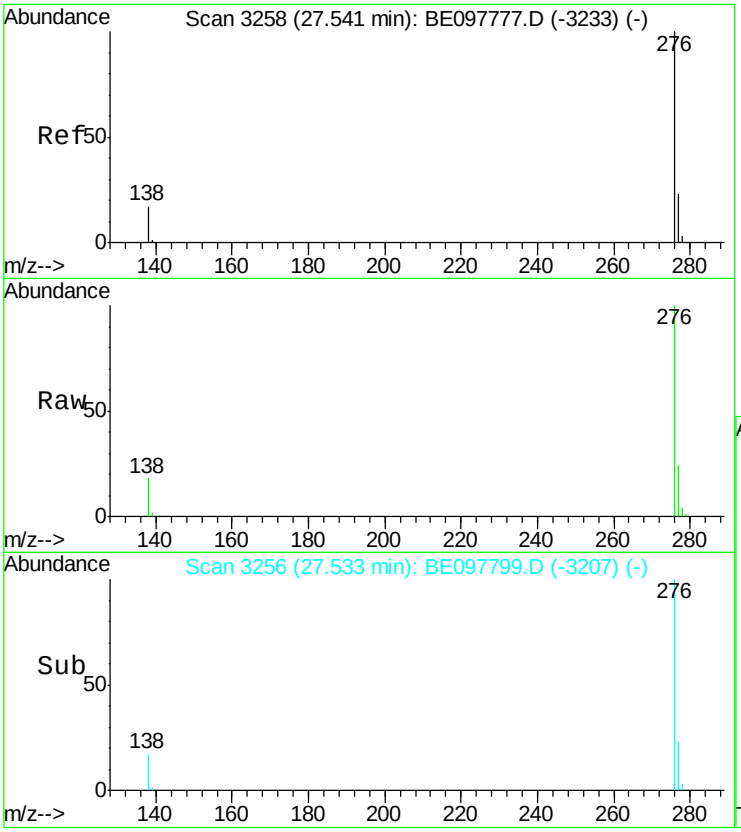


#38
Dibenzo(a,h)anthracene
Concen: 0.465 ng
RT: 26.75 min Scan# 3035
Delta R.T. -0.03 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Tgt Ion:278 Resp: 26233

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.3	15.5
279	23.7	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.495 ng
RT: 27.53 min Scan# 3256
Delta R.T. -0.02 min
Lab File: BE097799.D
Acq: 8 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:276 Resp: 29259

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	18.0	14.2	21.2