Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100518\
Data File : BE097787.D
Acq On : 6 Oct 2018 11:55
Operator : SJ/JU
Sample : PB113577BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB113577BS

Quant Time: Oct 08 06:40:01 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	4912	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	18484	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9070	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	20853	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	22665	0.40	ng	-0.01
34) Perylene-d12	24.03	264	24597	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	5046	0.43	ng	0.00
5) Phenol-d6	7.05	99	6605	0.37	ng	0.00
8) Nitrobenzene-d5	9.04	82	4635	0.77	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	14188	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	675	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	16691	0.42	ng	-0.01
25) Fluoranthene-d10	19.33	212	93584	0.35	ng	0.00
29) Terphenyl-d14	19.92	244	16936	0.37	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	3562	0.364	ng	# 92
3) n-Nitrosodimethylamine	3.71	42	3490	0.392	ng	# 85
6) bis(2-Chloroethyl)ether	7.31	93	6451	0.350	ng	96
9) Naphthalene	10.73	128	78210	0.420	ng	100
10) Hexachlorobutadiene	11.03	225	3861	0.391	ng	98
12) 2-Methylnaphthalene	12.35	142	12265	0.411	ng	96
16) Acenaphthylene	14.27	152	15289	0.381	ng	98
17) Acenaphthene	14.62	154	9886	0.384	ng	97
18) Fluorene	15.59	166	12762	0.374	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	4297	0.393	ng	93
21) Hexachlorobenzene	16.60	284	4581	0.372	ng	98
22) Pentachlorophenol	16.94	266	1651	0.855	ng	95
23) Phenanthrene	17.34	178	21809	0.406	ng	99
24) Anthracene	17.43	178	18292	0.394	ng	100
26) Fluoranthene	19.35	202	25095	0.367	ng	99
28) Pyrene	19.72	202	24704	0.429	ng	99
30) Benzo(a)anthracene	21.46	228	25554	0.419	ng	98
31) Chrysene	21.51	228	28807	0.423	ng	99
32) Bis(2-ethylhexyl)phthalate	21.40	149	20902	0.469	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	33339	0.564	ng	98
35) Benzo(b)fluoranthene	23.25	252	27696	0.410	ng	98
36) Benzo(k)fluoranthene	23.30	252	30872	0.413	ng	99
37) Benzo(a)pyrene	23.91	252	25701	0.421	ng	99
38) Dibenzo(a,h)anthracene	26.74	278	28524	0.474	ng	96
39) Benzo(g,h,i)perylene	27.53	276	30875	0.490	ng	99

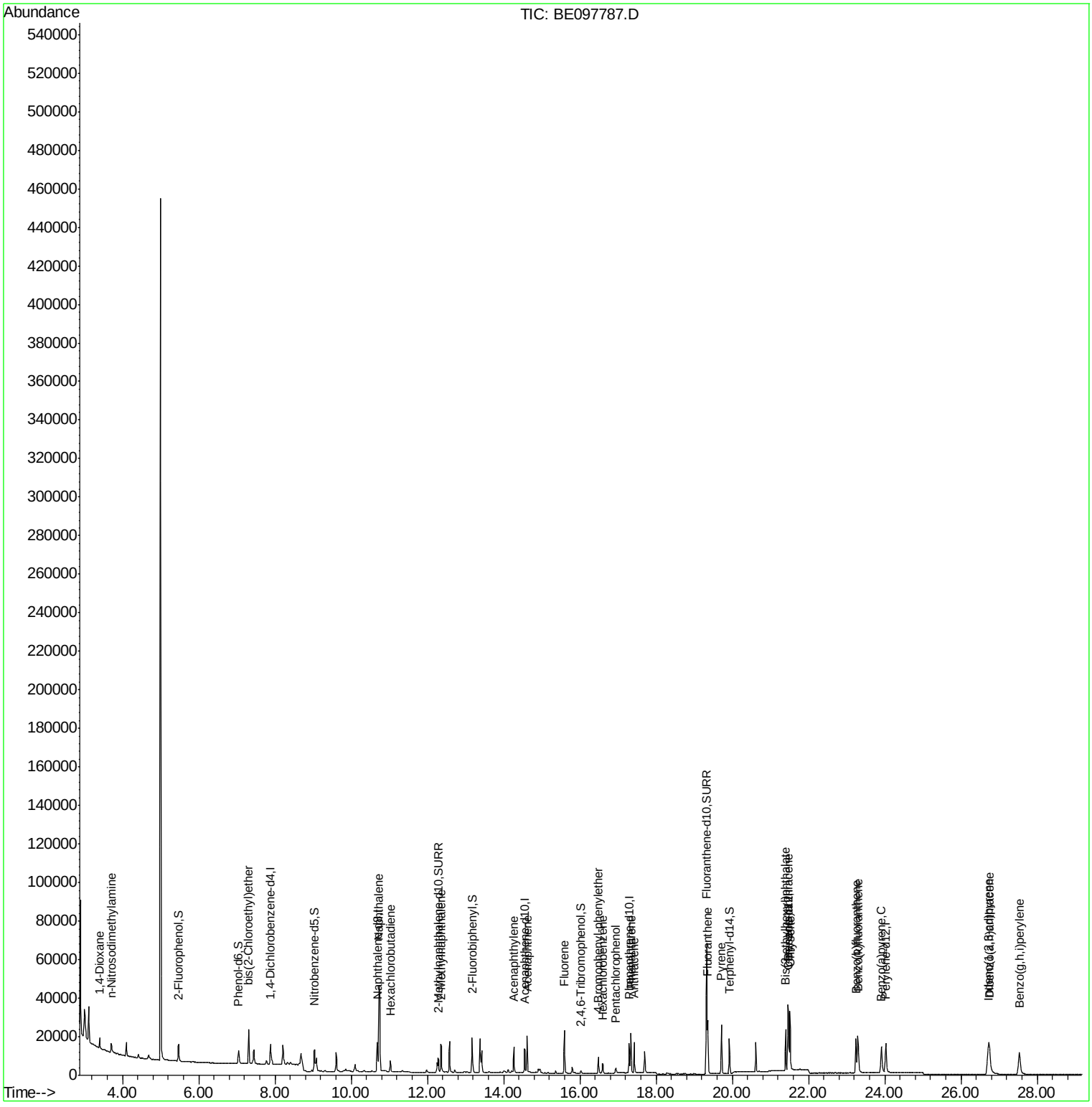
(#) = qualifier out of range (m) = manual integration (+) = signals summed

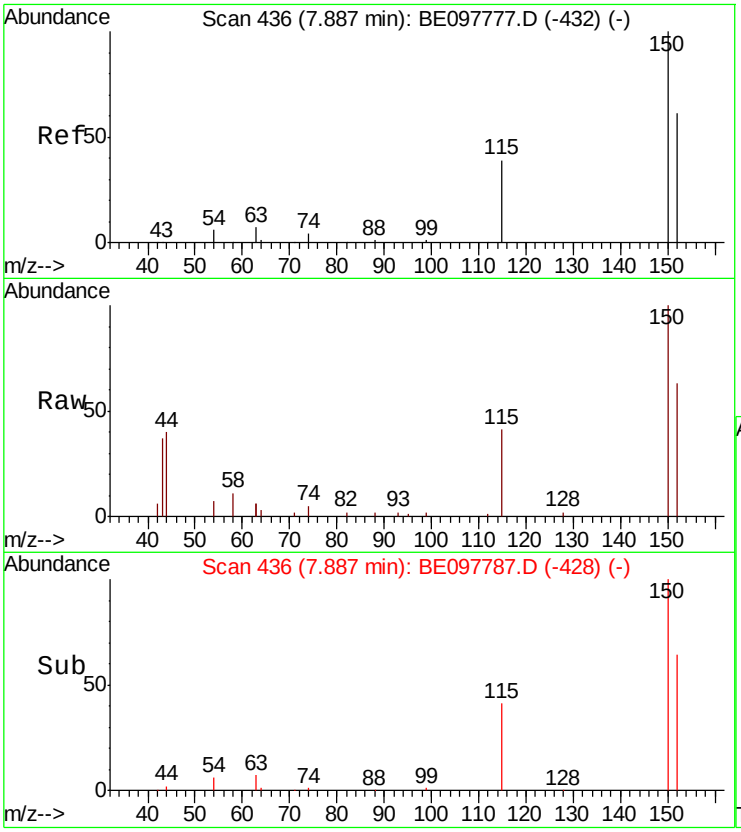
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100518\
Data File : BE097787.D
Acq On : 6 Oct 2018 11:55
Operator : SJ/JU
Sample : PB113577BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Quant Time: Oct 08 06:40:01 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



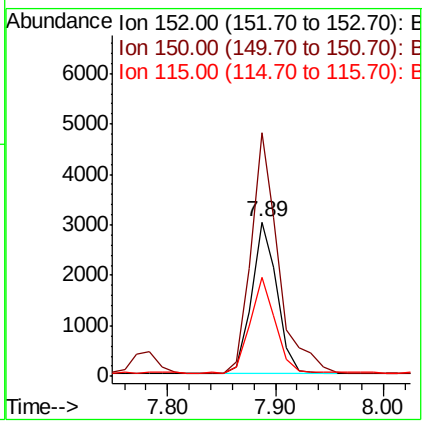


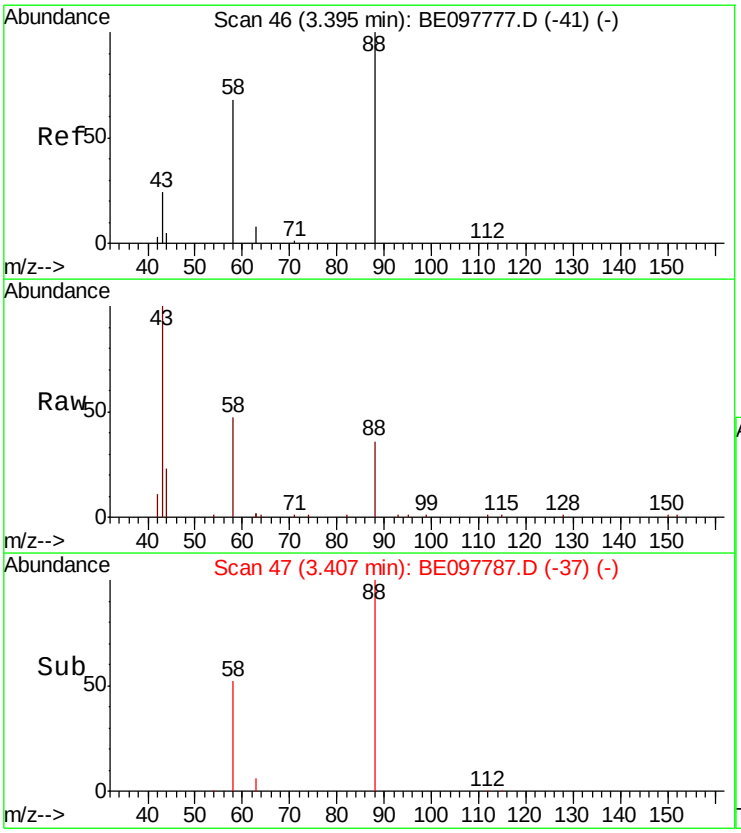
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:152 Resp: 4912

Ion	Ratio	Lower	Upper
152	100		
150	158.1	120.9	181.3
115	64.2	46.6	69.8

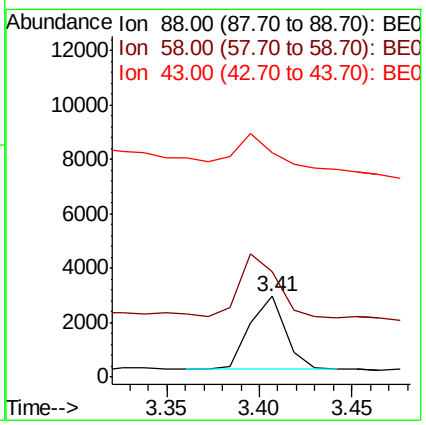


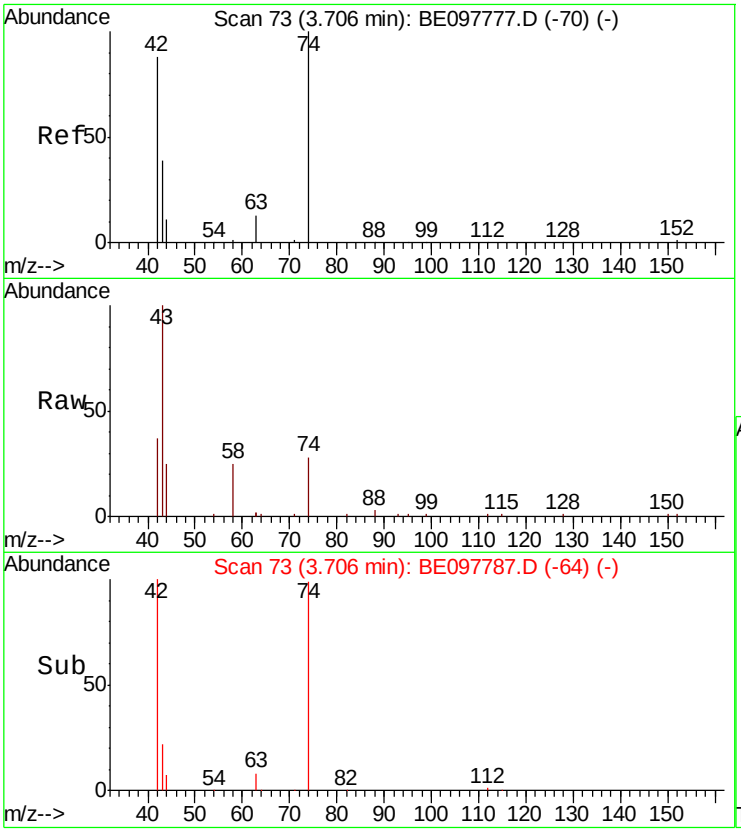


#2
1,4-Dioxane
Concen: 0.364 ng
RT: 3.41 min Scan# 47
Delta R.T. 0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion: 88 Resp: 3562

Ion	Ratio	Lower	Upper
88	100		
58	92.5	70.8	106.2
43	52.4	33.3	49.9#



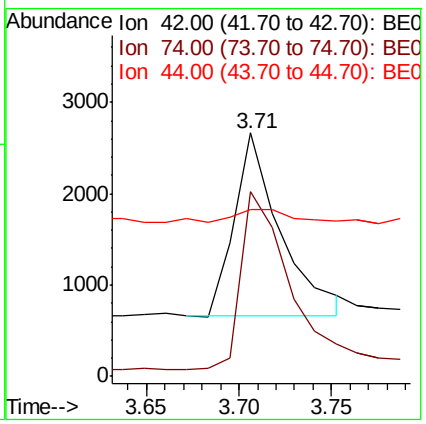


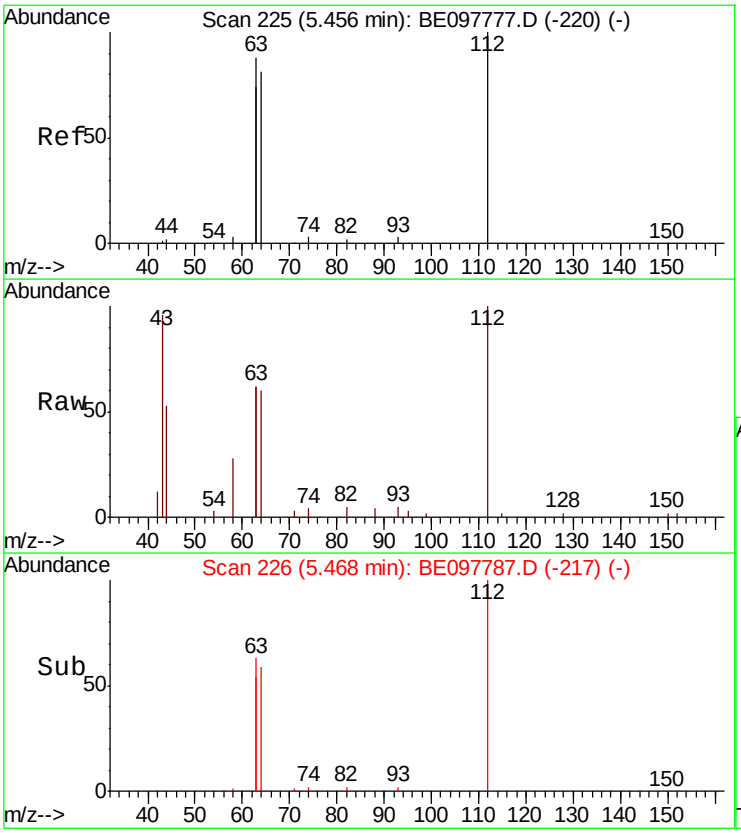
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion: 42 Resp: 3490

Ion	Ratio	Lower	Upper
42	100		
74	101.0	70.7	106.1
44	8.5	15.0	22.4#

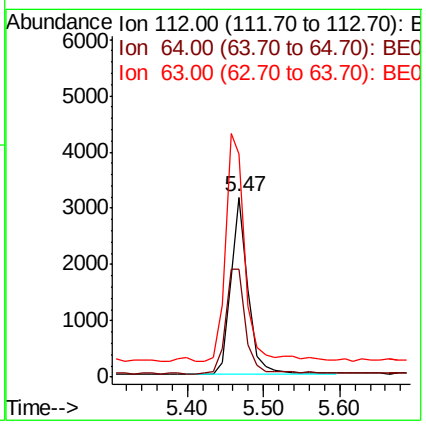


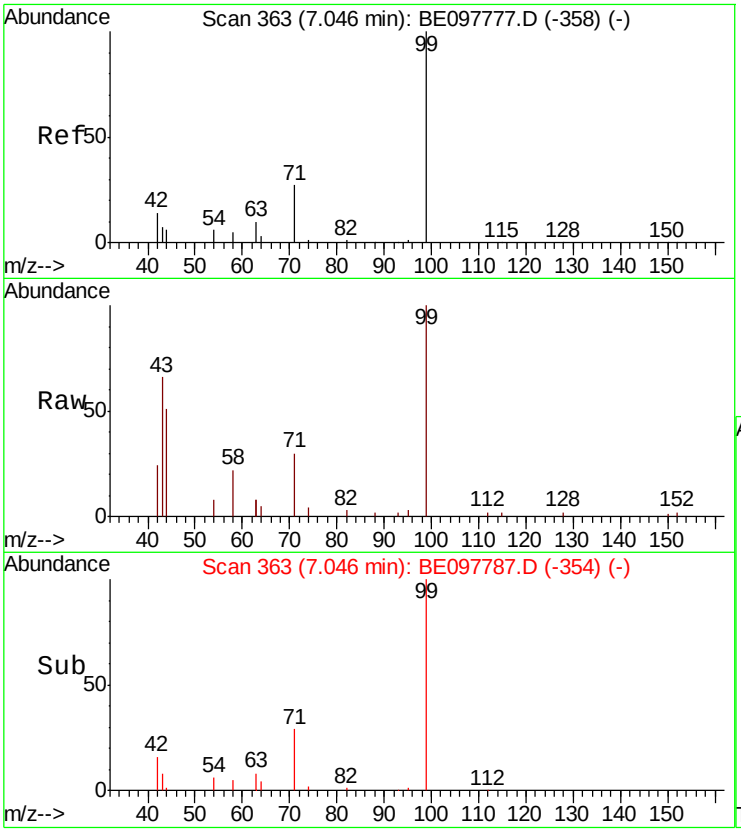


#4
2-Fluorophenol
Concen: 0.434 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:112 Resp: 5046

Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.6	84.8
63	144.4	119.4	179.0



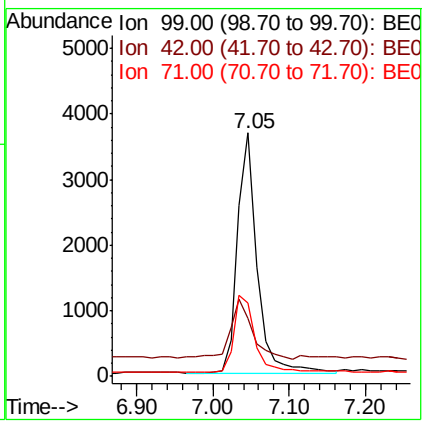


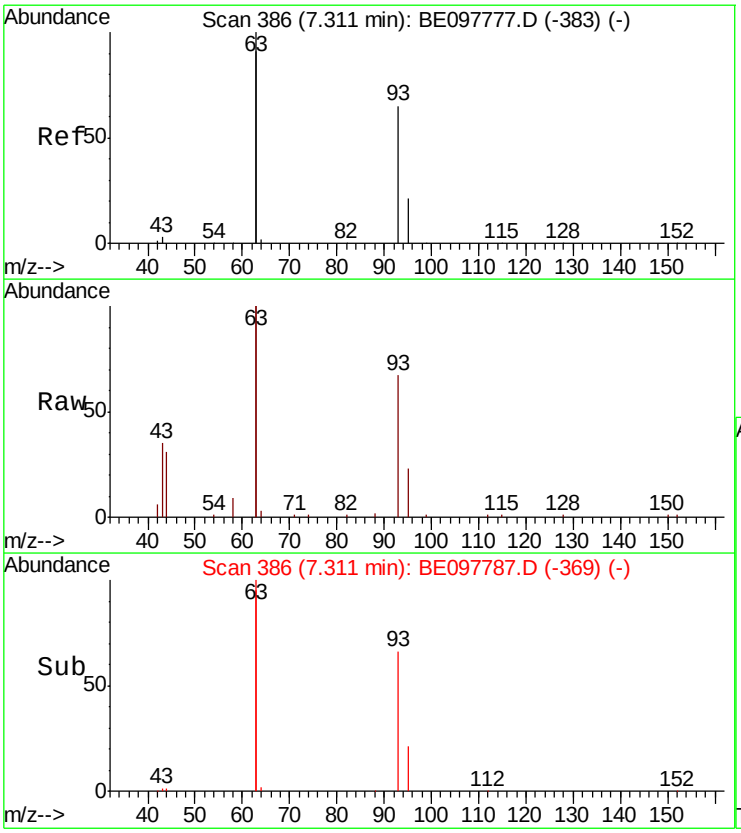
#5
Phenol-d6
Concen: 0.371 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion: 99 Resp: 6605

Ion	Ratio	Lower	Upper
99	100		
42	28.2	19.9	29.9
71	34.8	25.4	38.2

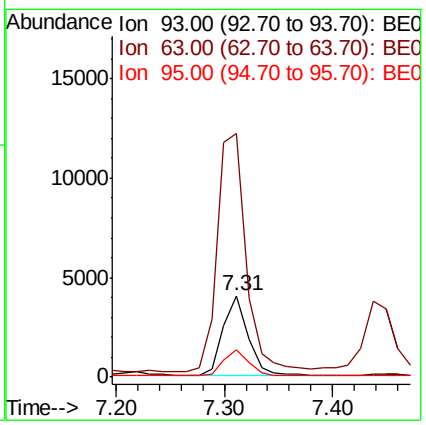


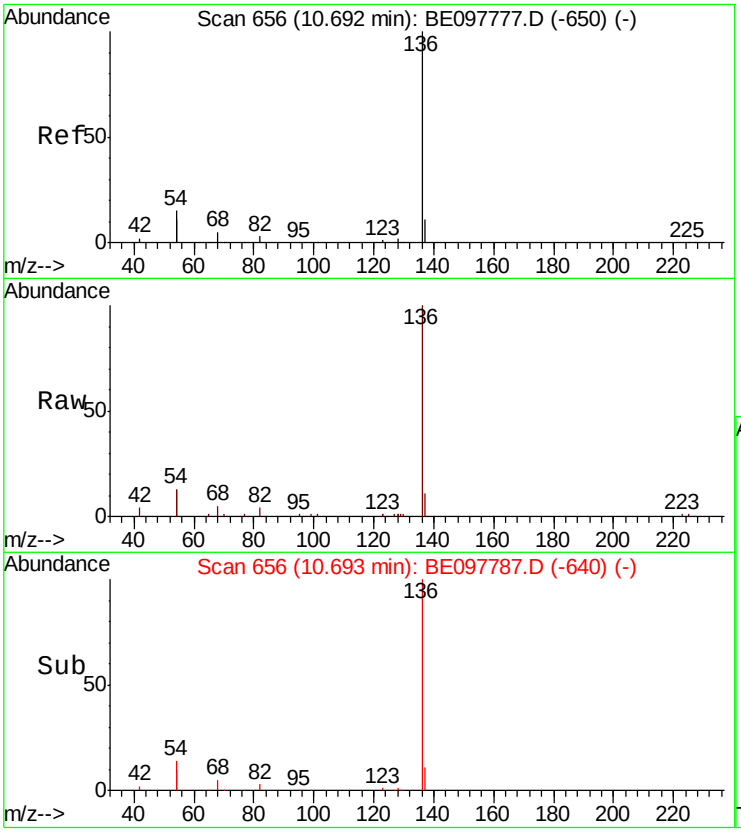


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion: 93 Resp: 6451

Ion	Ratio	Lower	Upper
93	100		
63	341.8	266.9	400.3
95	32.8	26.2	39.2



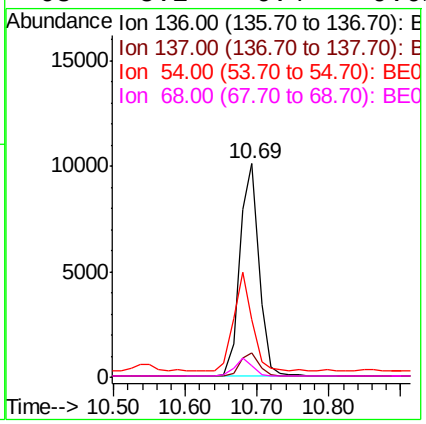


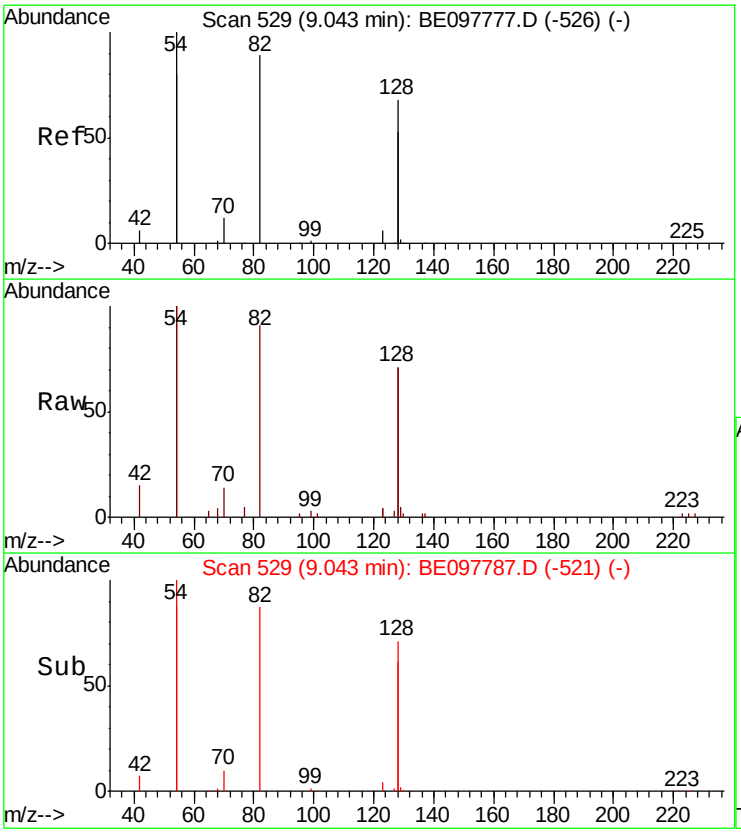
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:136 Resp: 18484

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	27.0	37.8	56.6#
68	5.2	6.4	9.6#

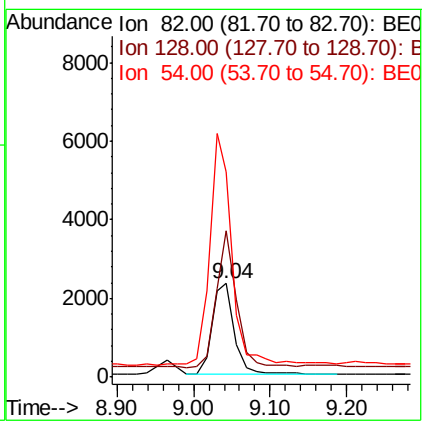


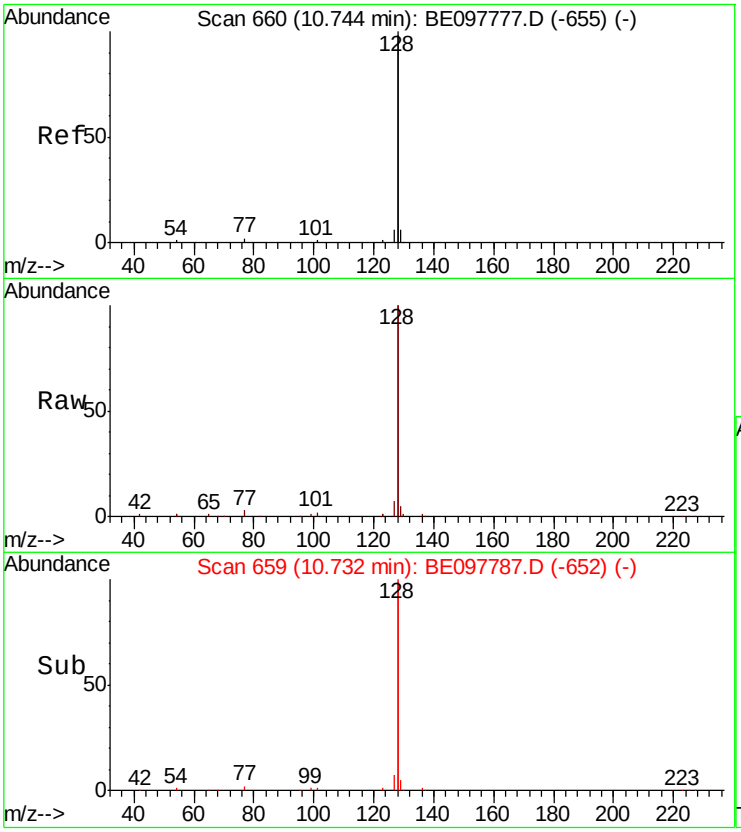


#8
Nitrobenzene-d5
Concen: 0.772 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion: 82 Resp: 4635

Ion	Ratio	Lower	Upper
82	100		
128	155.9	97.0	145.4#
54	219.3	206.9	310.3



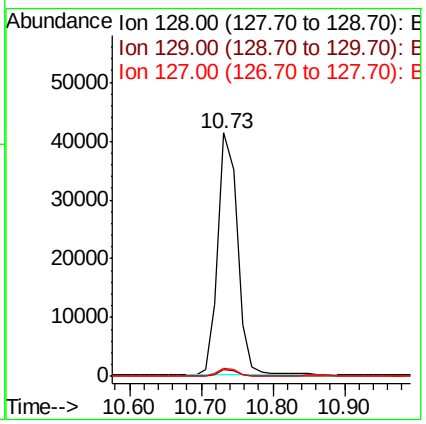


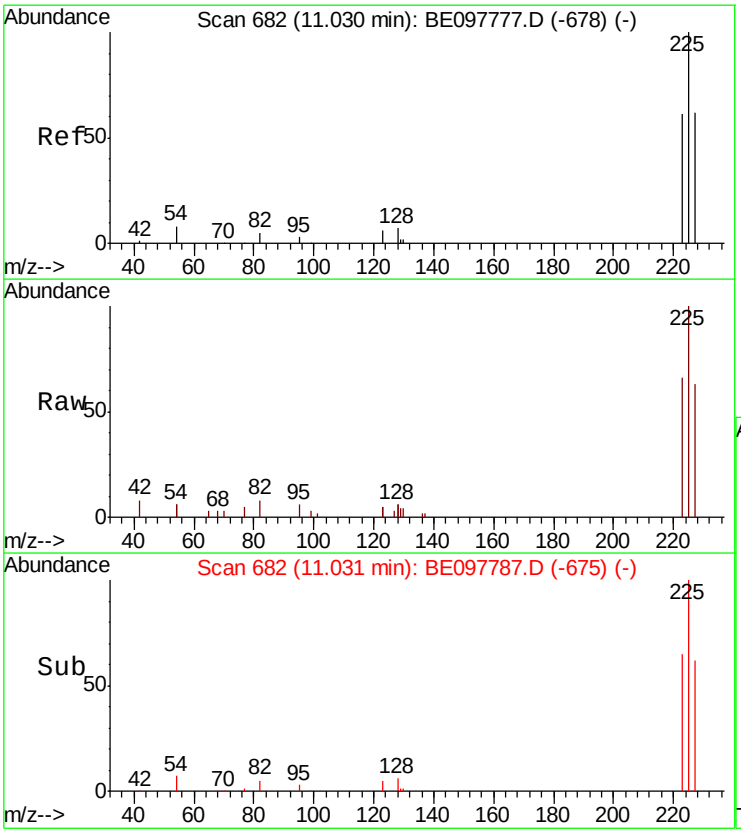
#9
Naphthalene
Concen: 0.420 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:128 Resp: 78210

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

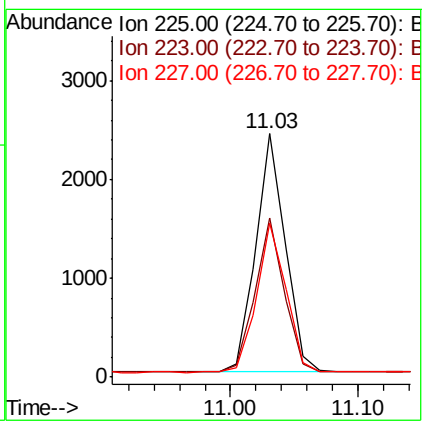


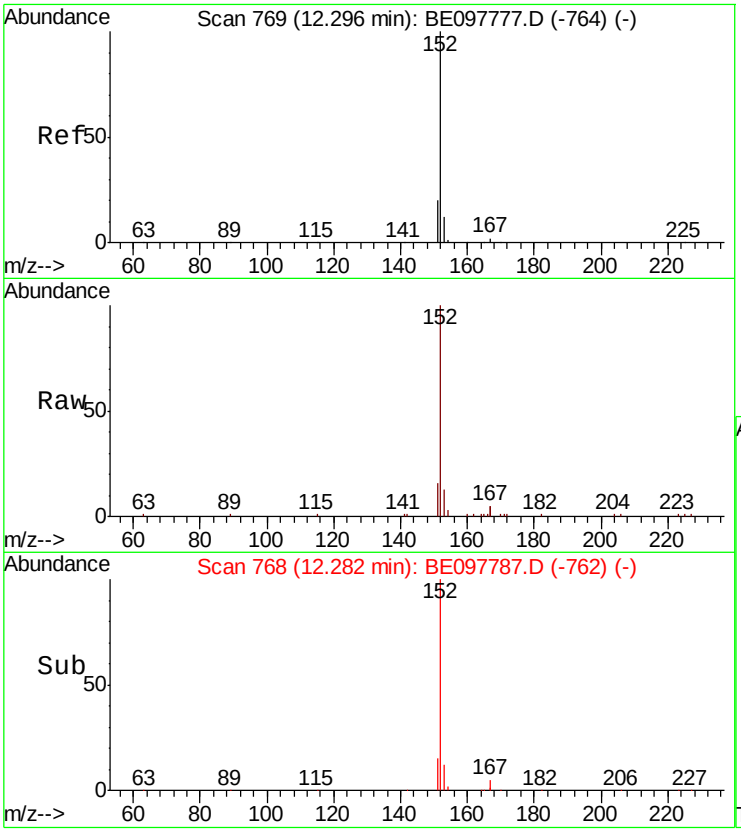


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:225 Resp: 3861

Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.2	78.4
227	63.0	51.2	76.8



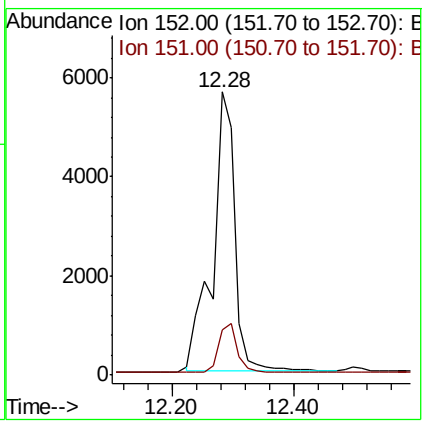


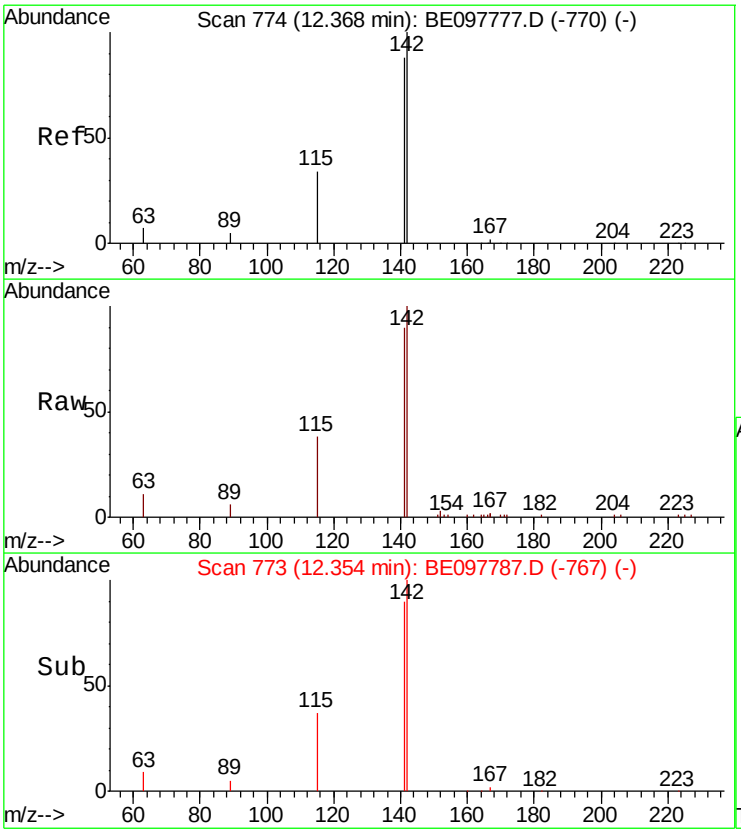
#11
2-Methylnaphthalene-d10
Concen: 0.482 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:152 Resp: 14188

Ion	Ratio	Lower	Upper
152	100		
151	15.0	15.4	23.2#

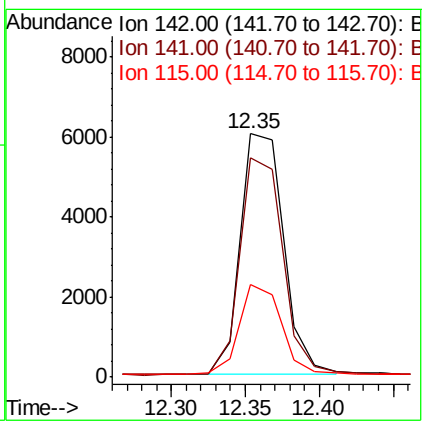


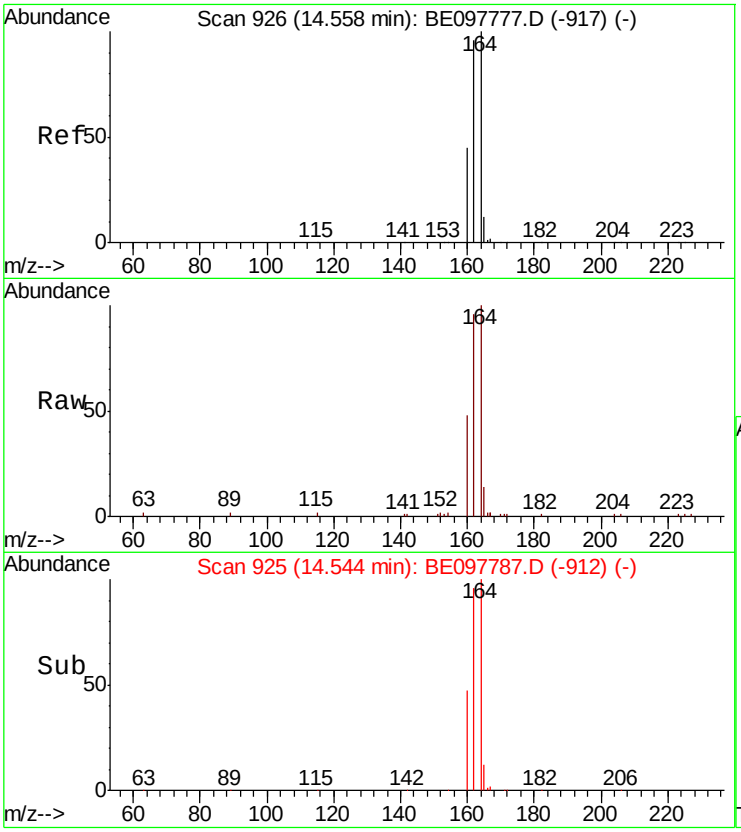


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:142 Resp: 12265

Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.4	104.2
115	37.9	28.0	42.0



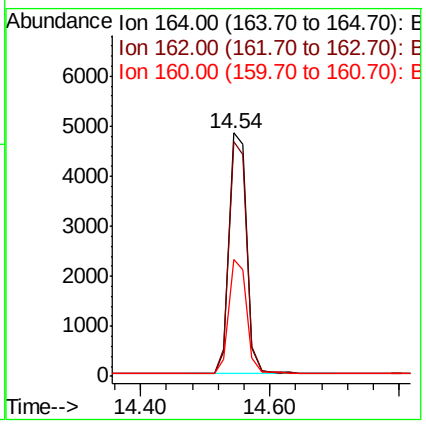


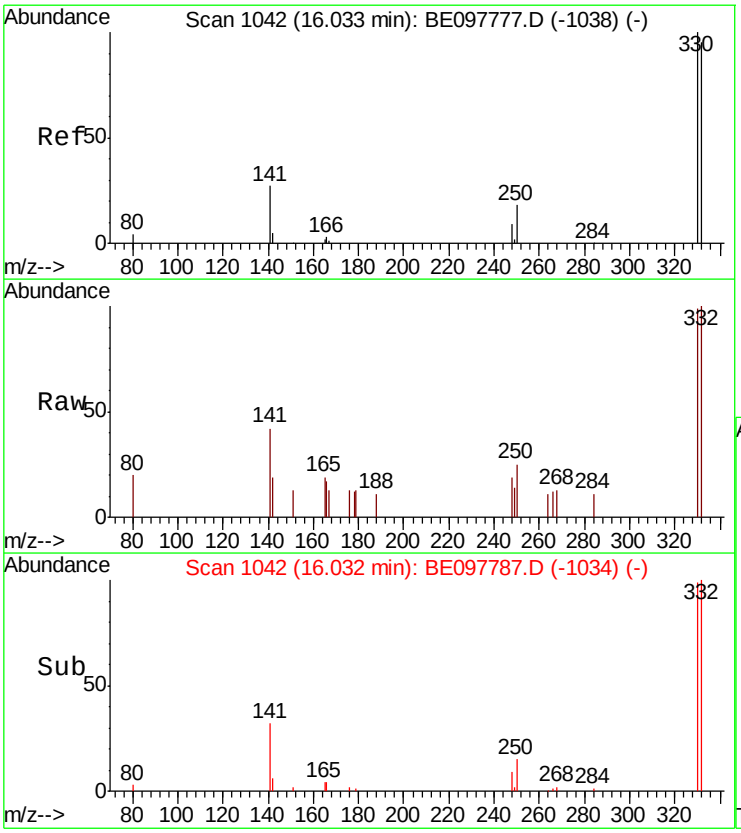
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:164 Resp: 9070

Ion	Ratio	Lower	Upper
164	100		
162	96.2	78.6	117.8
160	48.0	37.8	56.6

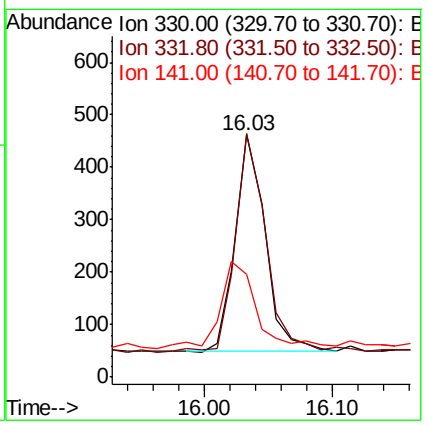


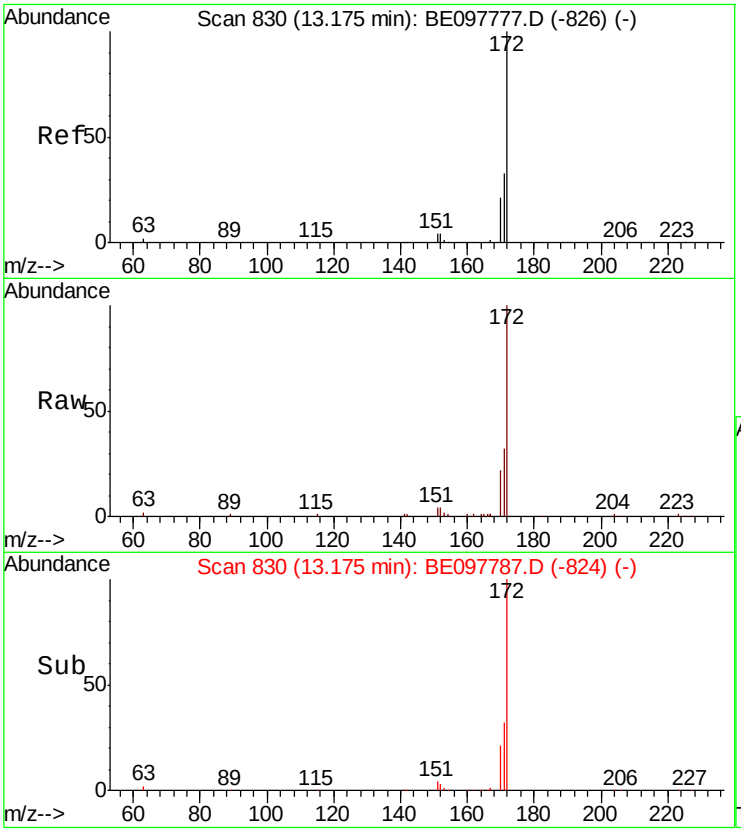


#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:330 Resp: 675

Ion	Ratio	Lower	Upper
330	100		
332	105.3	83.5	125.3
141	50.1	34.9	52.3



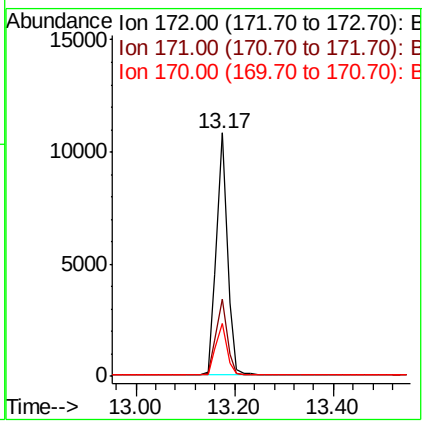


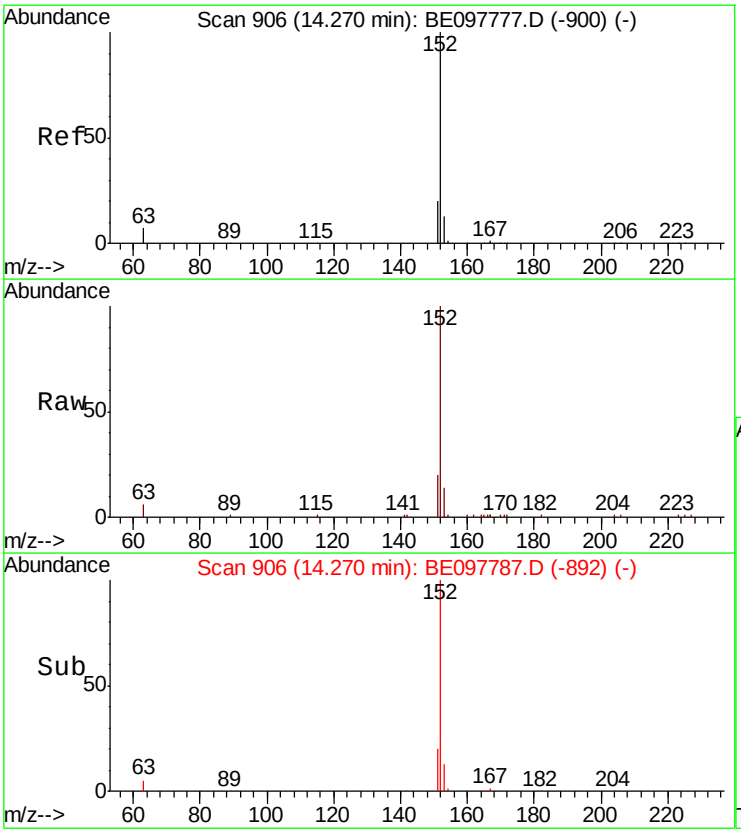
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:172 Resp: 16691

Ion	Ratio	Lower	Upper
172	100		
171	31.8	25.2	37.8
170	21.7	16.2	24.2

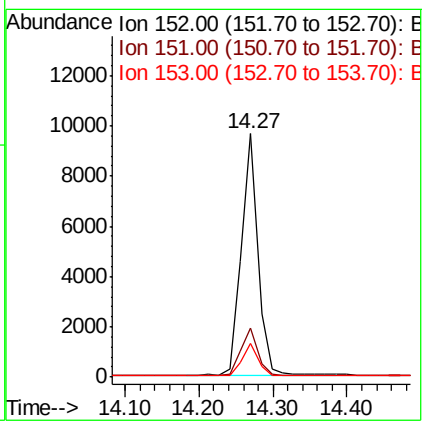


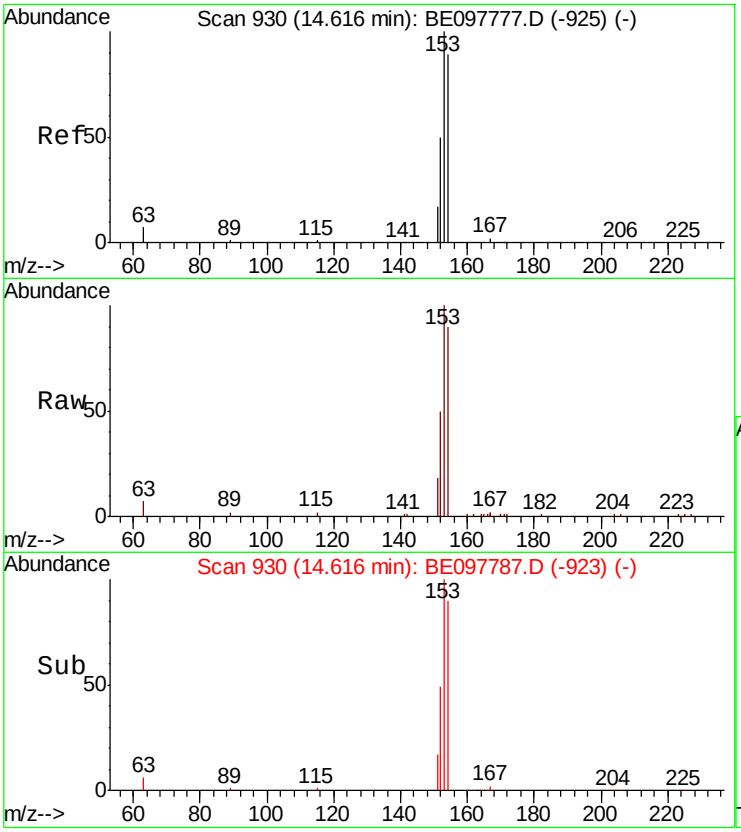


#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:152 Resp: 15289

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.3	22.9
153	13.0	10.8	16.2



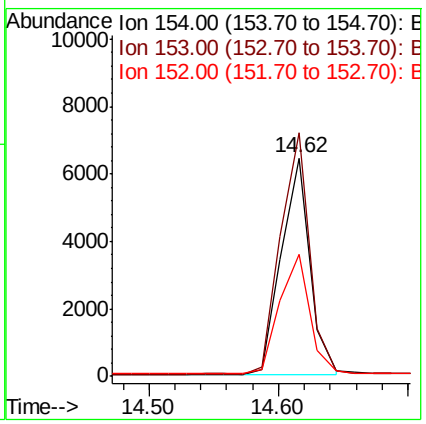


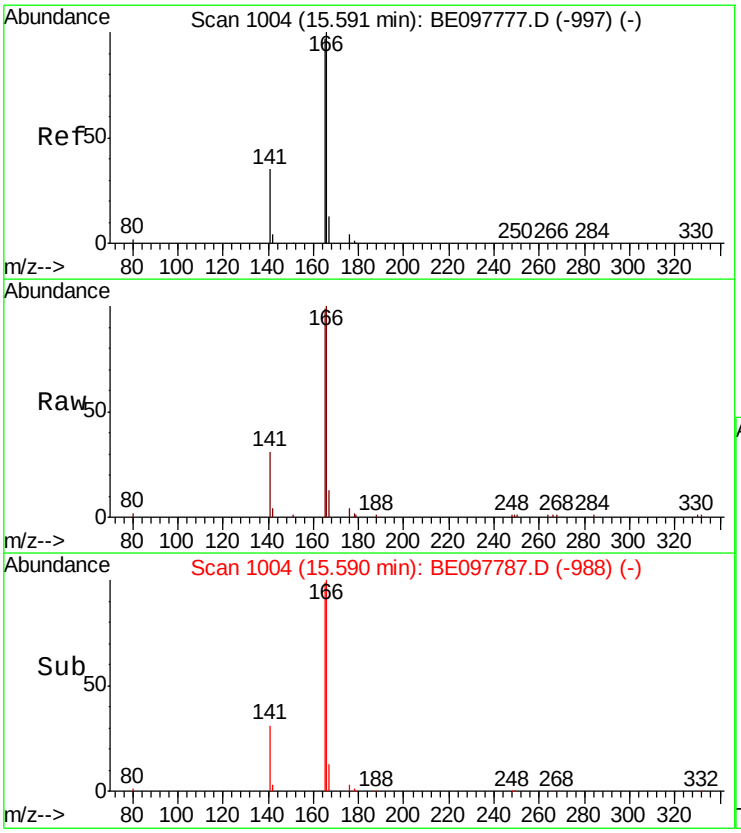
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:154 Resp: 9886

Ion	Ratio	Lower	Upper
154	100		
153	113.4	93.3	139.9
152	57.9	48.9	73.3

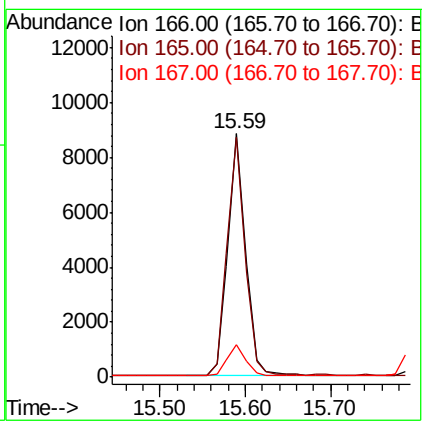


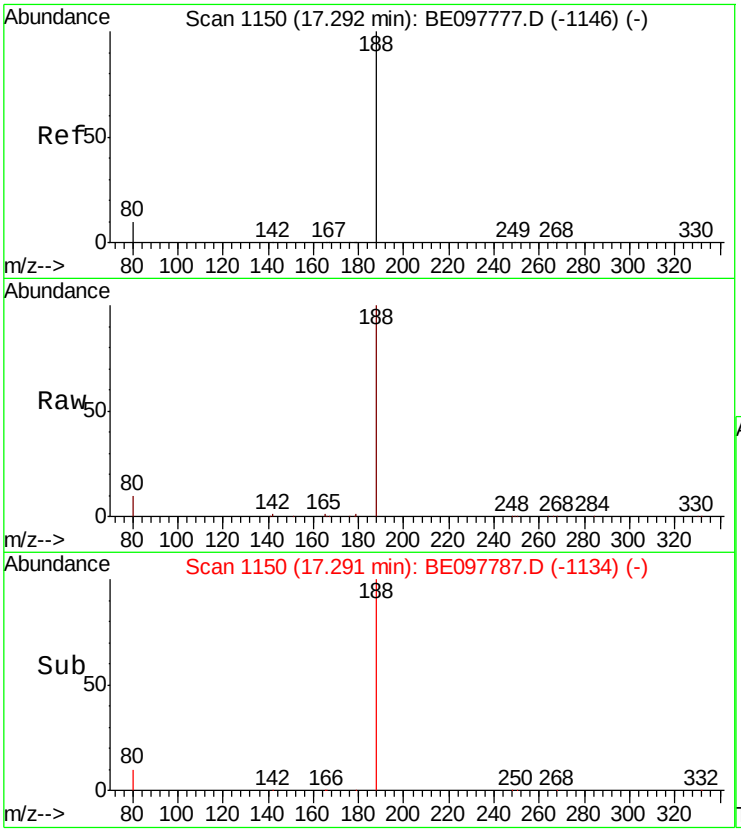


#18
Fluorene
Concen: 0.374 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:166 Resp: 12762

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



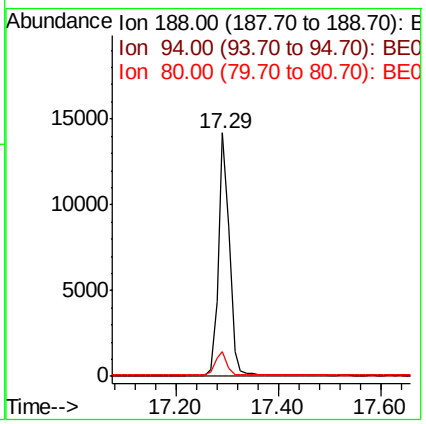


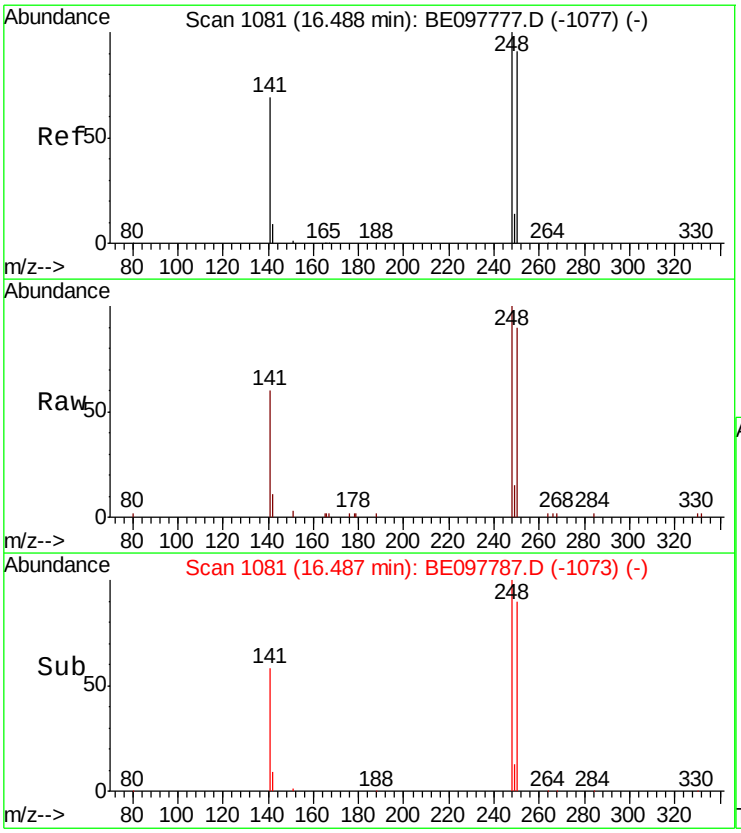
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:188 Resp: 20853

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	6.6	9.8#

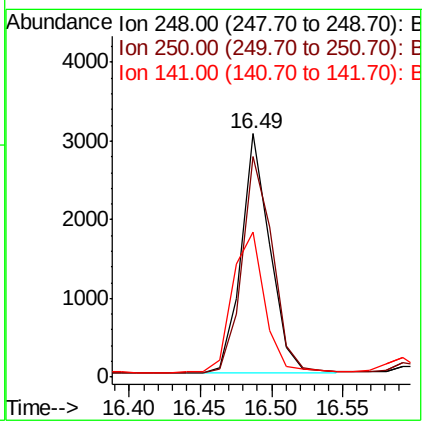


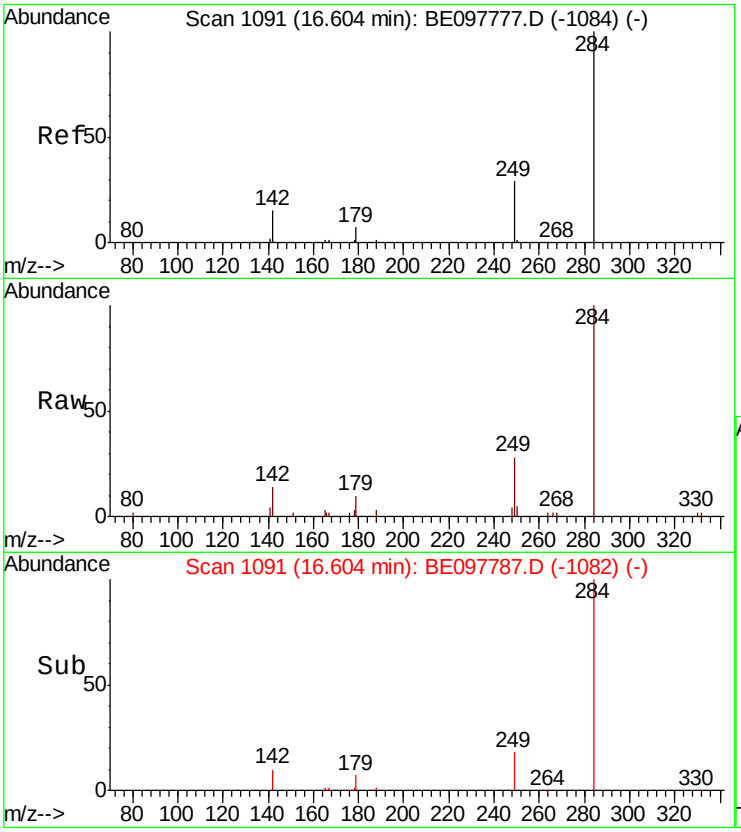


#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:248 Resp: 4297

Ion	Ratio	Lower	Upper
248	100		
250	90.5	76.1	114.1
141	59.6	42.2	63.4



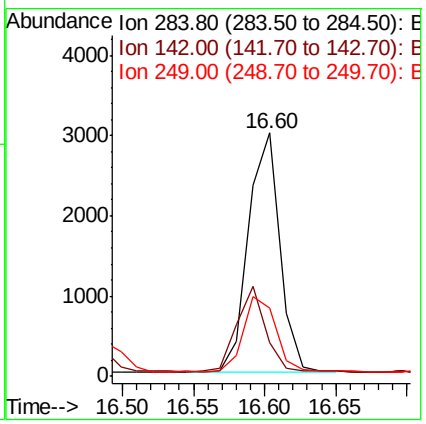


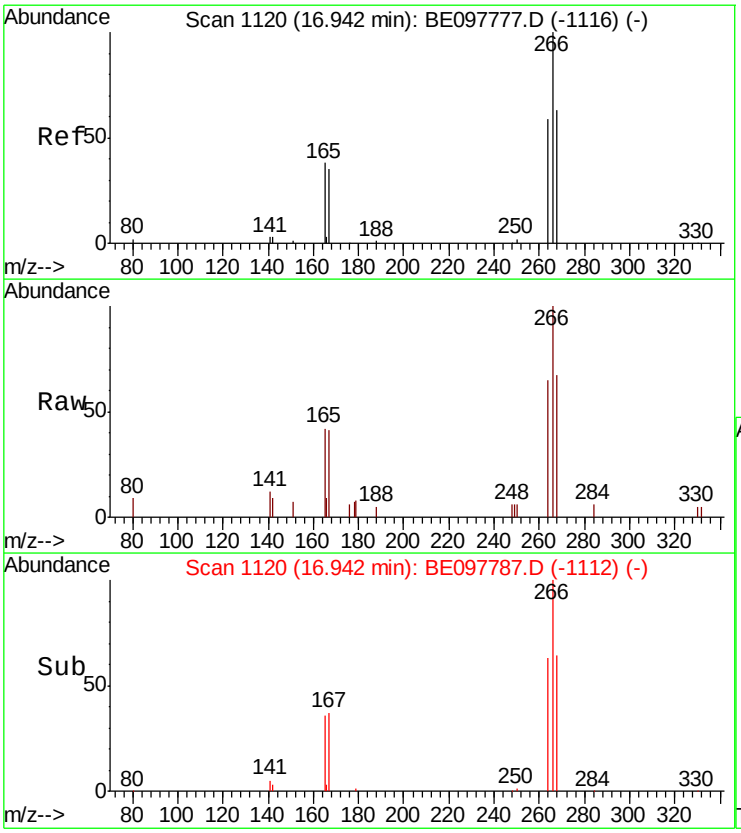
#21
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:284 Resp: 4581

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

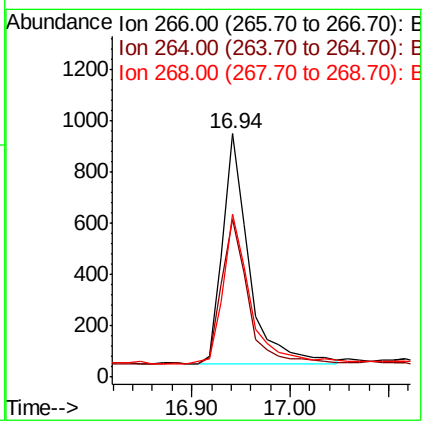


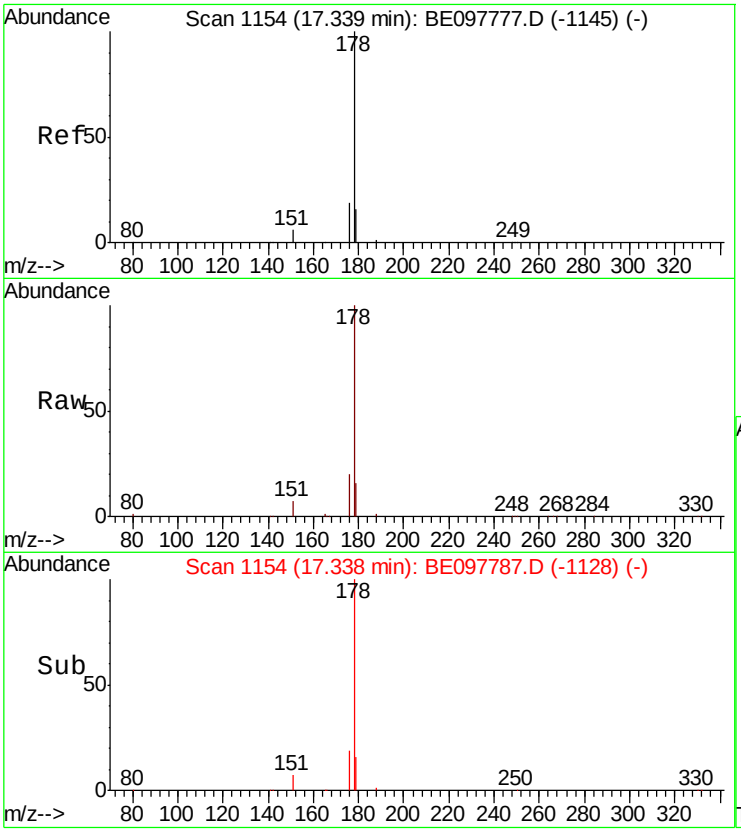


#22
Pentachlorophenol
Concen: 0.855 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:266 Resp: 1651

Ion	Ratio	Lower	Upper
266	100		
264	64.7	46.8	70.2
268	67.2	53.0	79.6



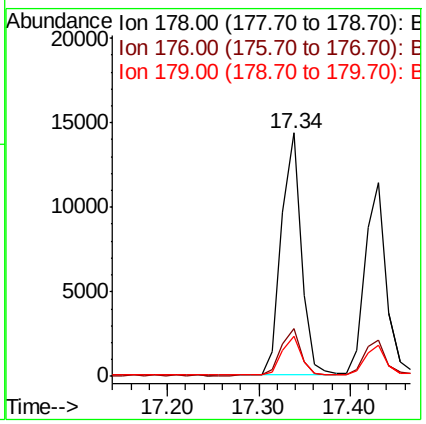


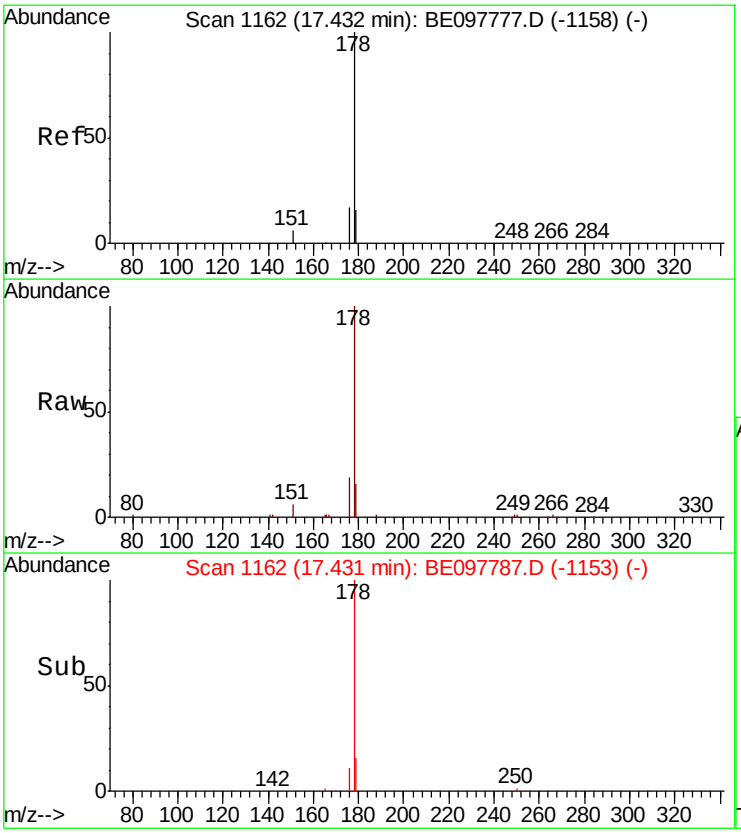
#23
Phenanthrene
Concen: 0.406 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:178 Resp: 21809

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.1	12.2	18.4

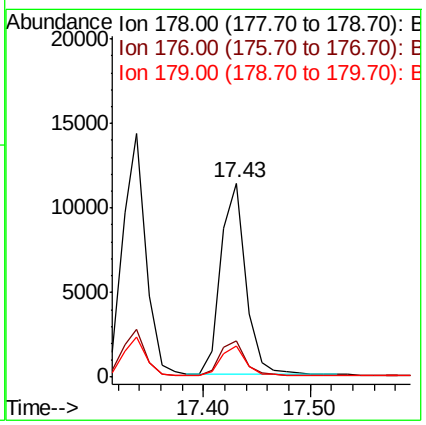


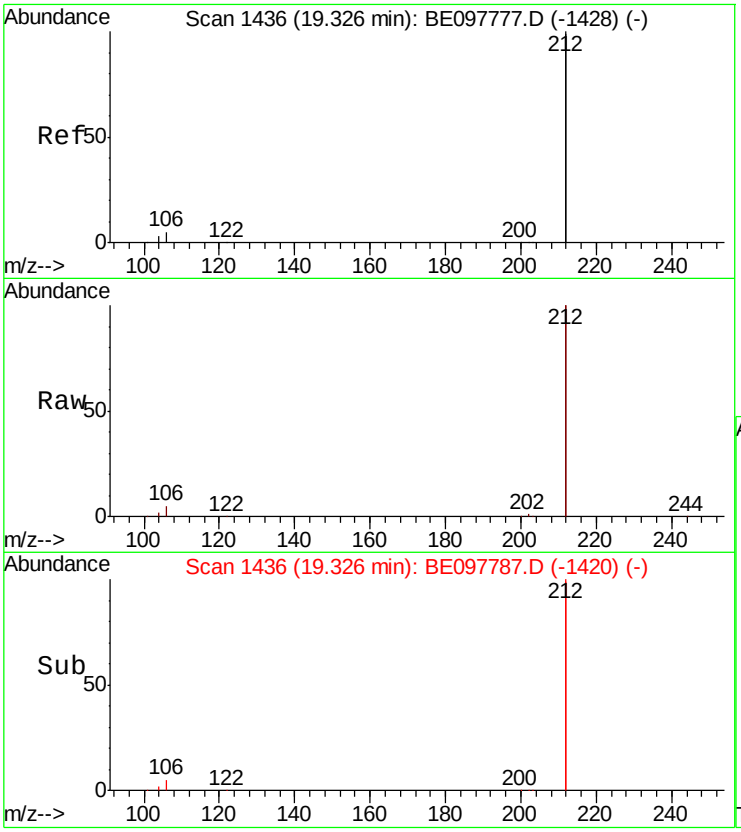


#24
Anthracene
Concen: 0.394 ng
RT: 17.43 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:178 Resp: 18292

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	12.2	18.2



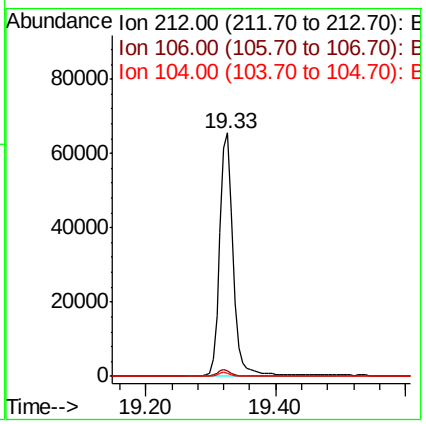


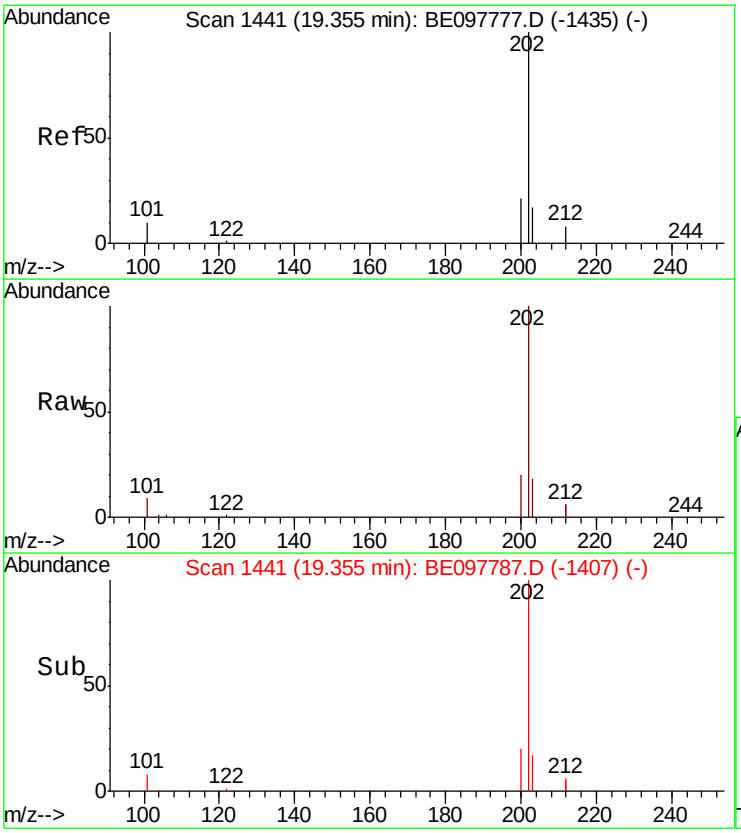
#25
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:212 Resp: 93584

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.2	1.8

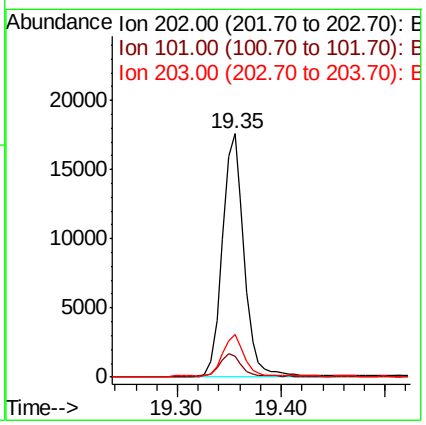


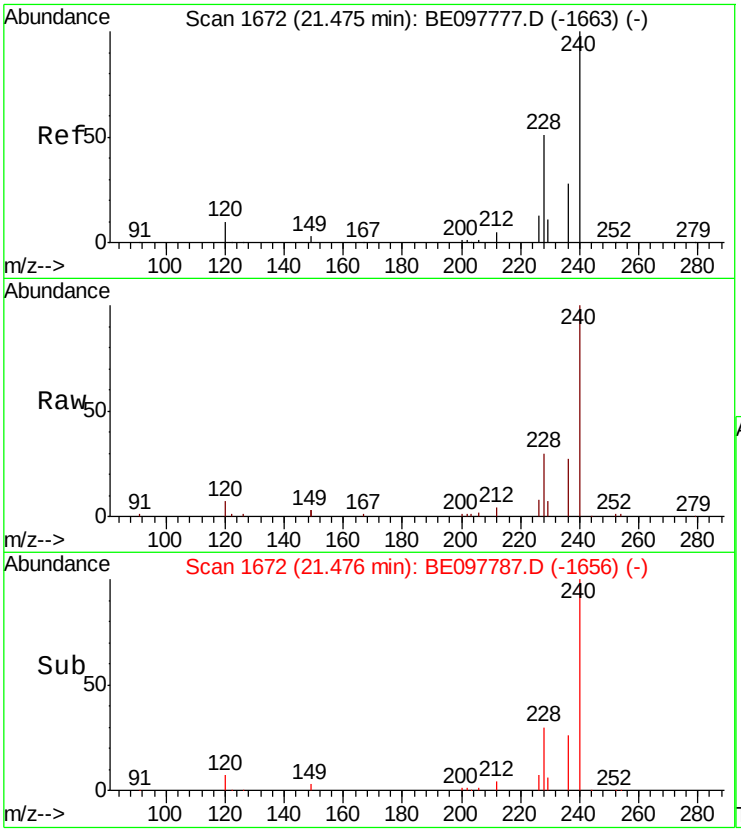


#26
Fluoranthene
Concen: 0.367 ng
RT: 19.35 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:202 Resp: 25095

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.8	11.8
203	16.9	13.8	20.6



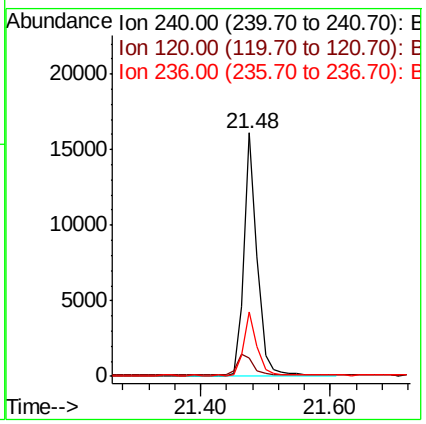


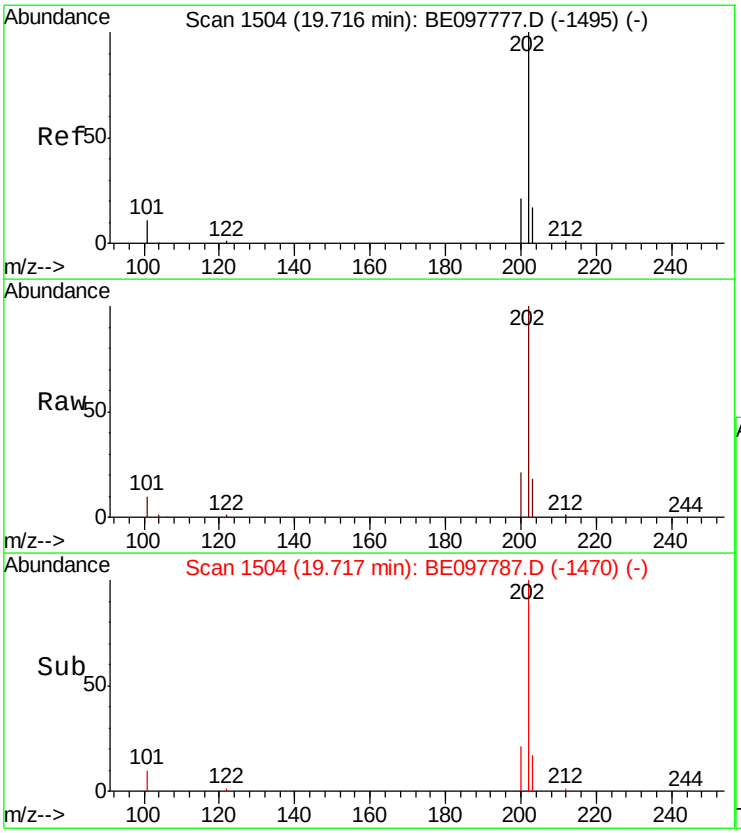
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:240 Resp: 22665

Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.7	7.1#
236	26.6	20.8	31.2

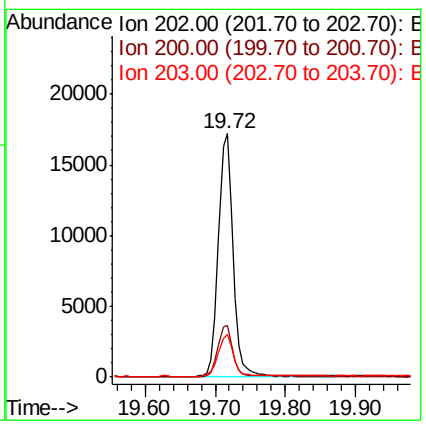


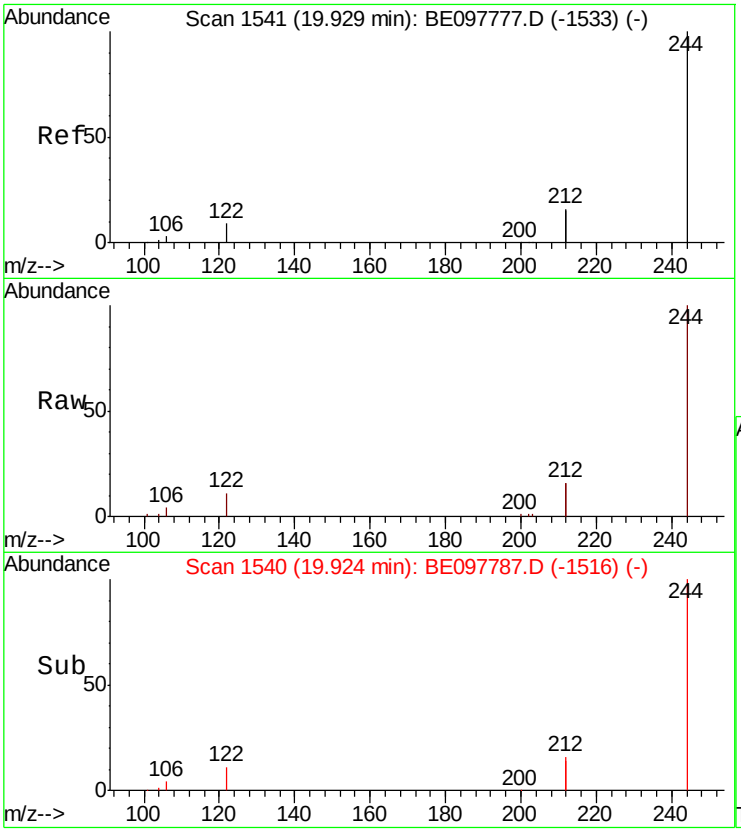


#28
Pyrene
Concen: 0.429 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:202 Resp: 24704

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.8	13.9	20.9



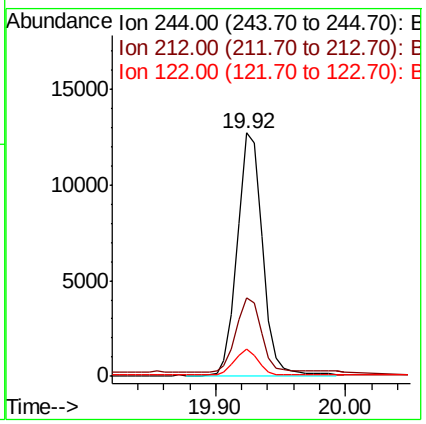


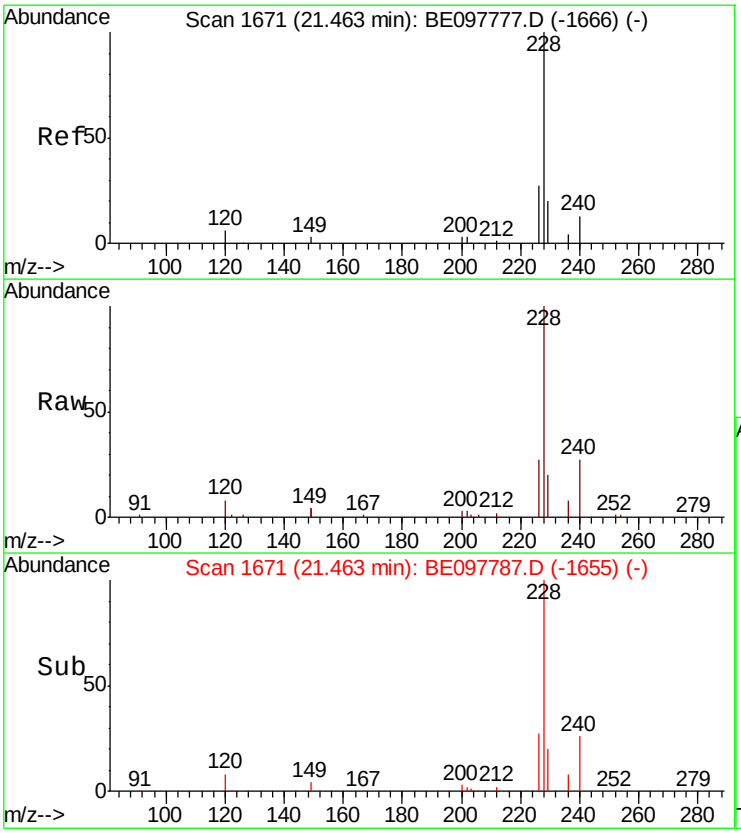
#29
Terphenyl-d14
Concen: 0.366 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:244 Resp: 16936

Ion	Ratio	Lower	Upper
244	100		
212	32.3	25.8	38.8
122	11.1	8.7	13.1

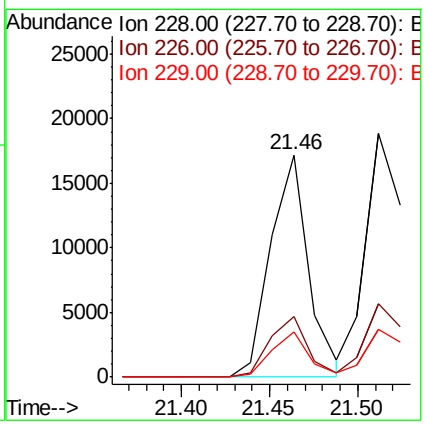


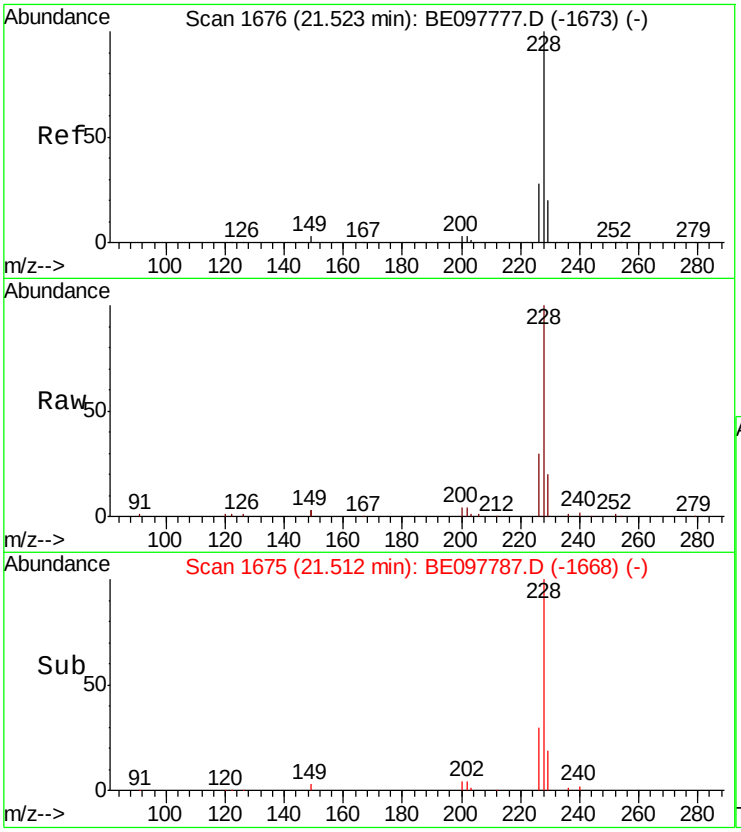


#30
Benzo(a)anthracene
Concen: 0.419 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:228 Resp: 25554

Ion	Ratio	Lower	Upper
228	100		
226	27.3	20.7	31.1
229	20.1	15.7	23.5



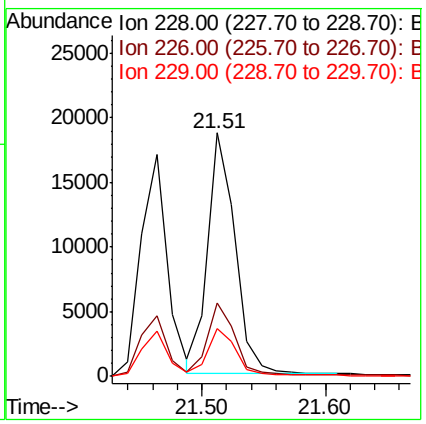


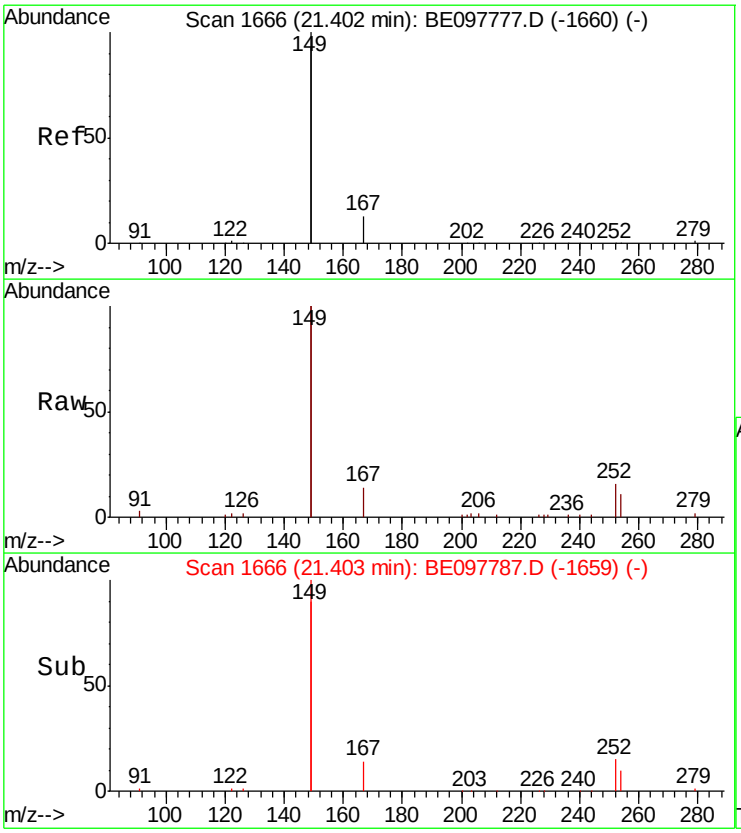
#31
Chrysene
Concen: 0.423 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:228 Resp: 28807

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	19.7	16.0	24.0

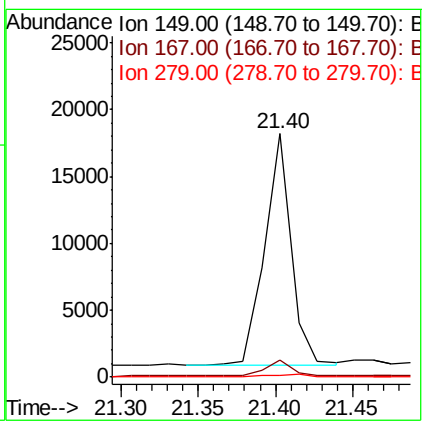


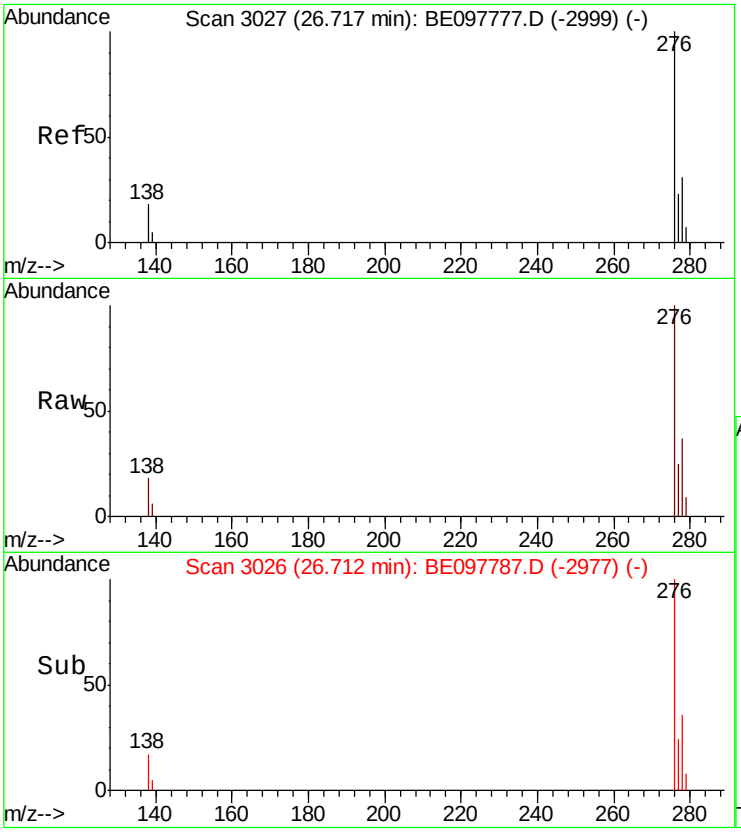


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.469 ng
RT: 21.40 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:149 Resp: 20902

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.5	8.3
279	1.0	0.9	1.3



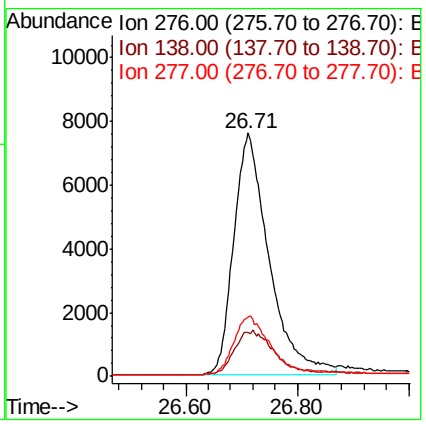


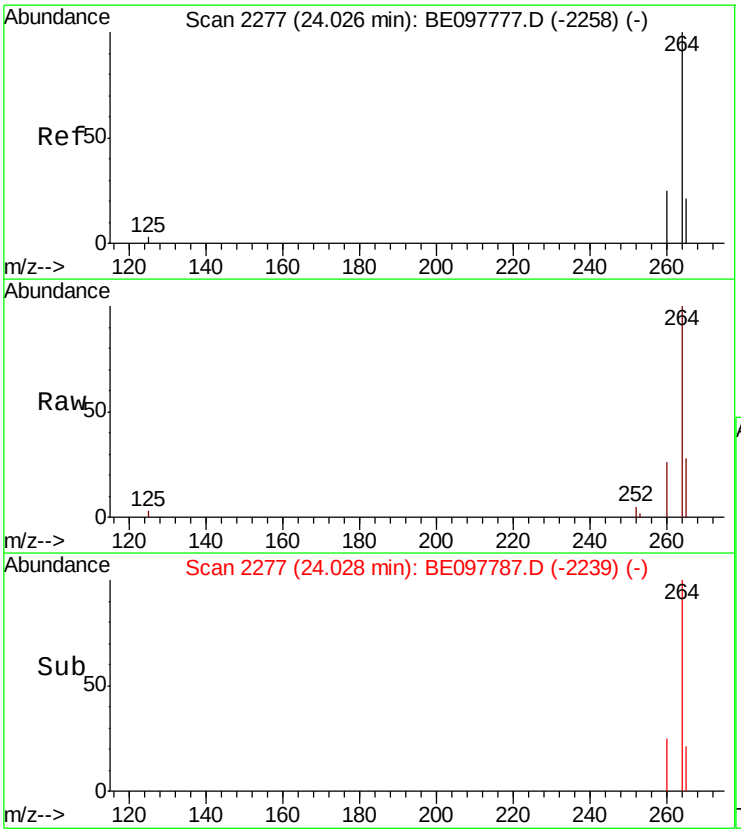
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.564 ng
RT: 26.71 min Scan# 3026
Delta R.T. -0.02 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:276 Resp: 33339

Ion	Ratio	Lower	Upper
276	100		
138	20.4	15.0	22.6
277	24.7	19.2	28.8

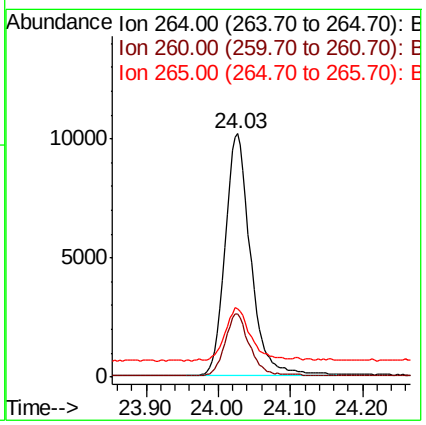


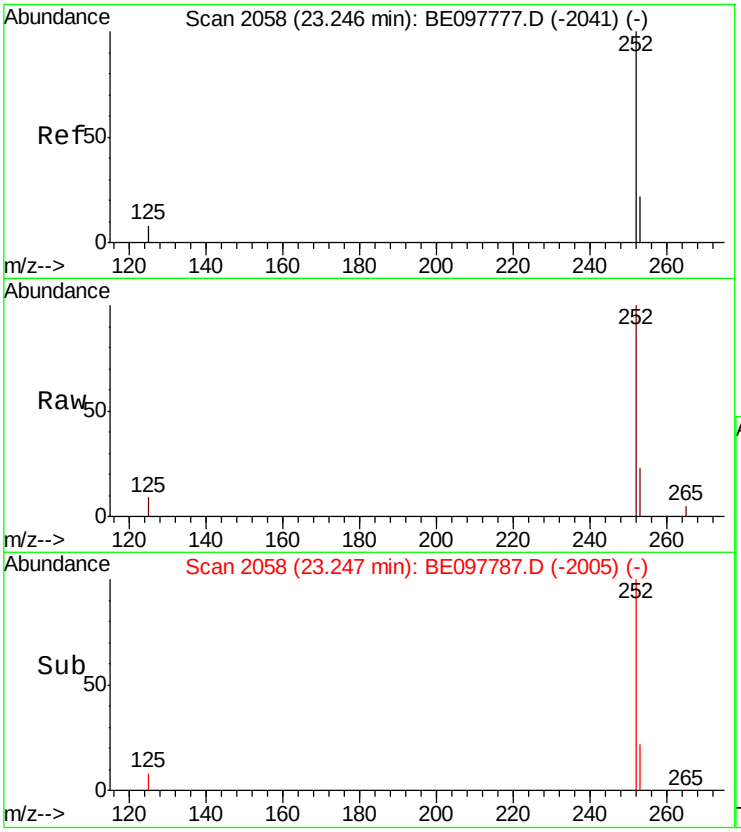


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:264 Resp: 24597

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.1	28.7
265	27.8	21.9	32.9



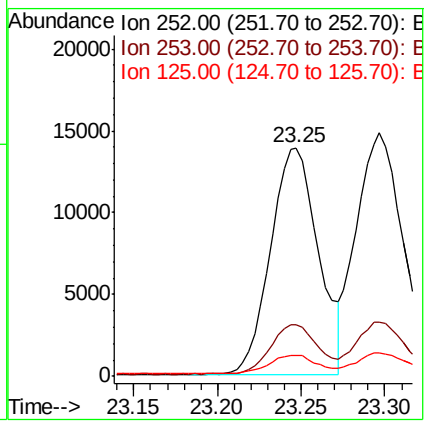


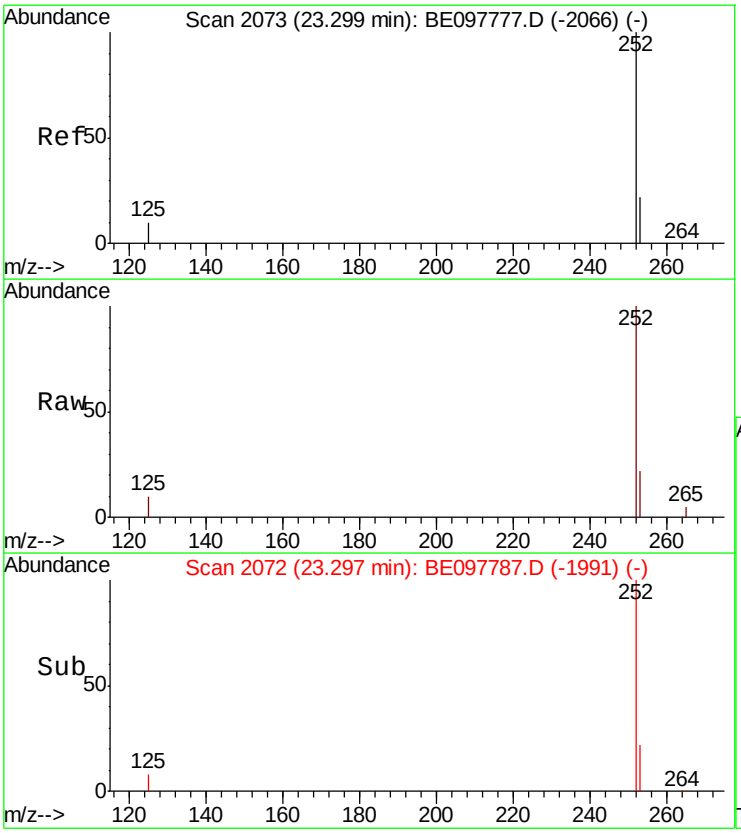
#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:252 Resp: 27696

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	9.0	7.8	11.8

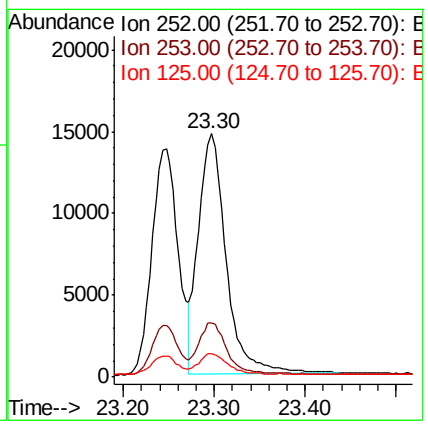


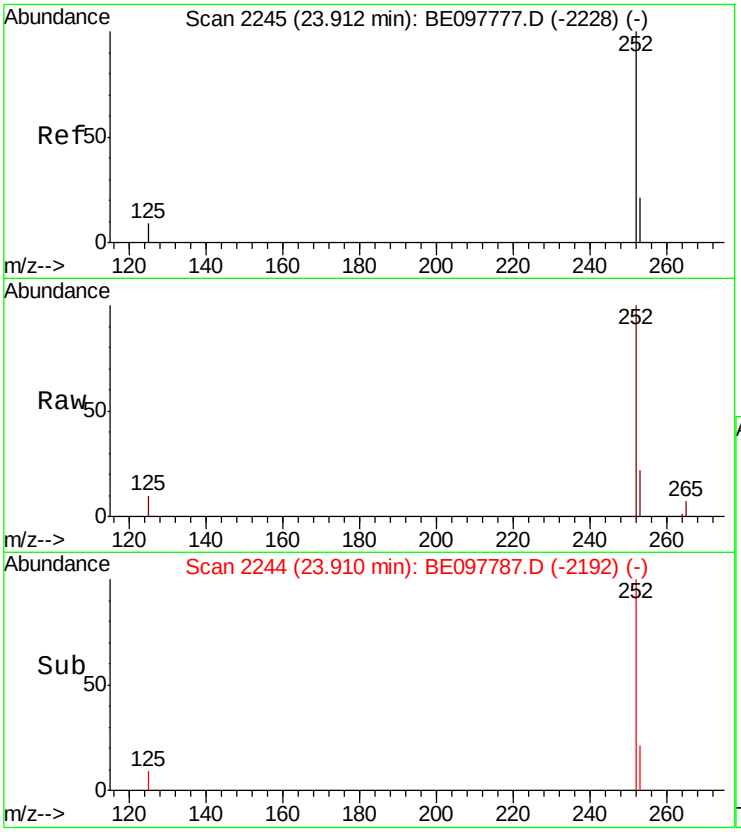


#36
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:252 Resp: 30872

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.6	7.5	11.3



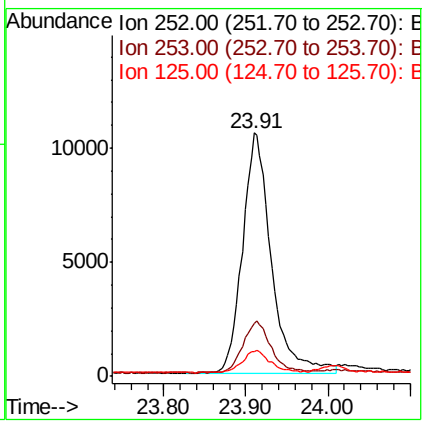


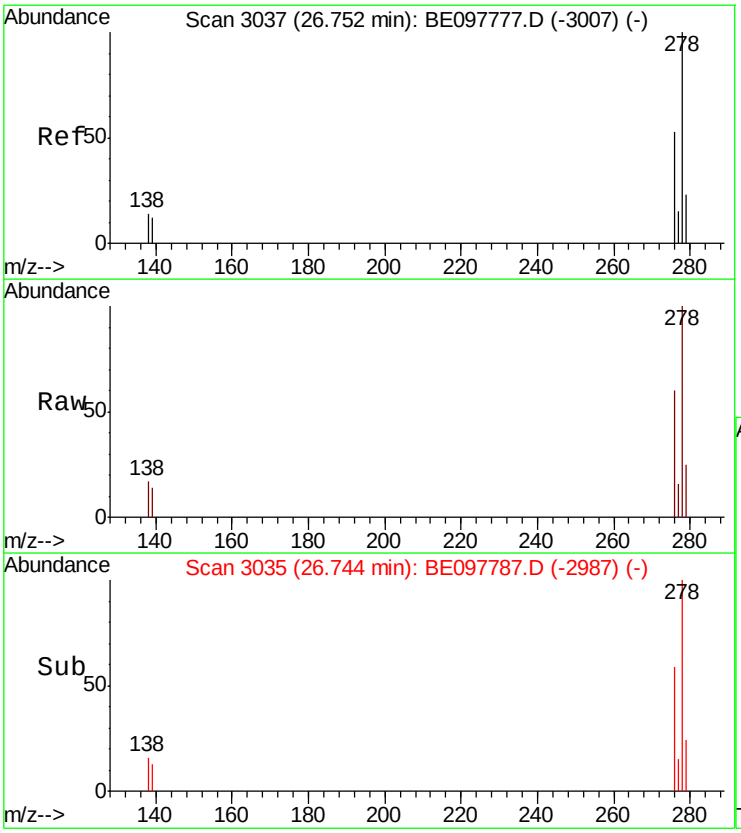
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:252 Resp: 25701

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.1	8.3	12.5

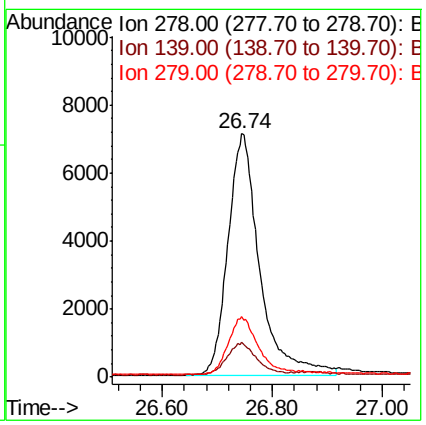


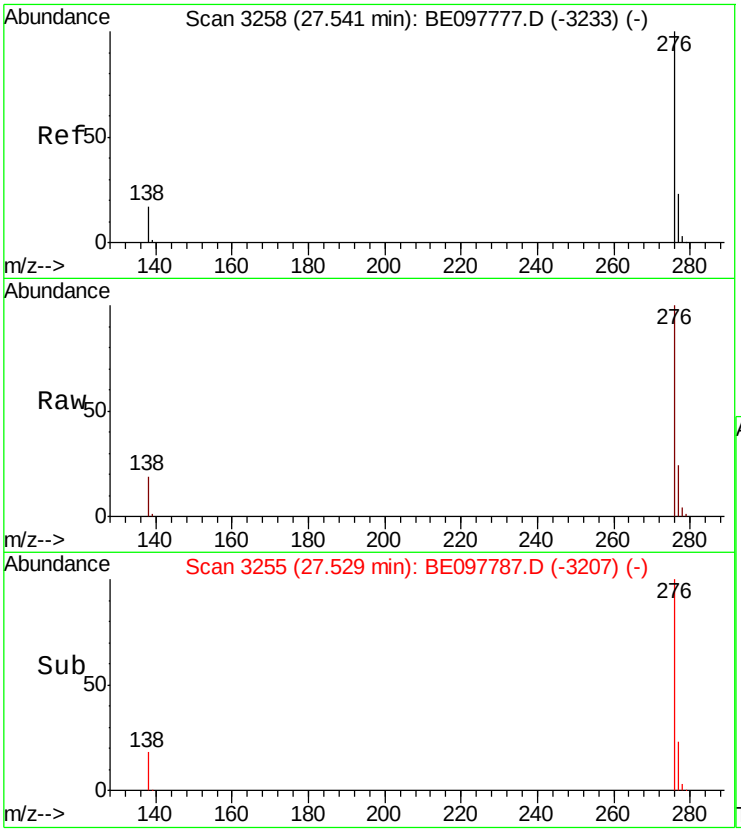


#38
Dibenzo(a,h)anthracene
Concen: 0.474 ng
RT: 26.74 min Scan# 3035
Delta R.T. -0.03 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Tgt Ion:278 Resp: 28524

Ion	Ratio	Lower	Upper
278	100		
139	14.3	10.3	15.5
279	25.1	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.490 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.03 min
Lab File: BE097787.D
Acq: 6 Oct 2018 11:55

Instrument :
BNA_E
ClientSampleId :
PB113577BS

Tgt Ion:276 Resp: 30875

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	18.6	14.2	21.2