Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100518\
Data File : BE097784.D
Acq On : 6 Oct 2018 10:01
Operator : SJ/JU
Sample : PB113550BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB113550BS

Quant Time: Oct 08 06:39:28 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

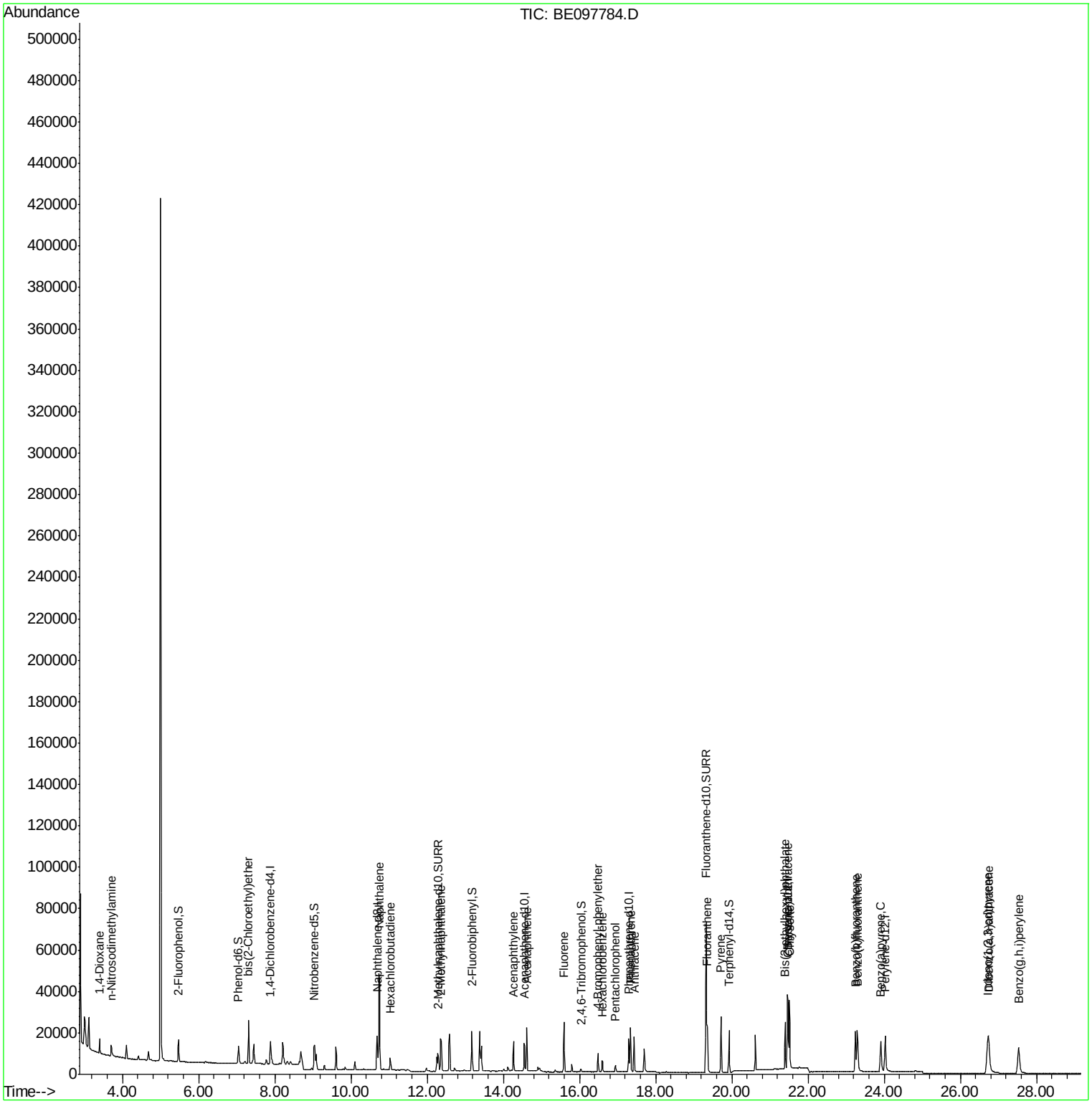
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	5347	0.40	ng		-0.01
7) Naphthalene-d8	10.69	136	20341	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	9601	0.40	ng		-0.01
19) Phenanthrene-d10	17.29	188	22026	0.40	ng		-0.01
27) Chrysene-d12	21.47	240	23579	0.40	ng		-0.01
34) Perylene-d12	24.02	264	25855	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	5515	0.44	ng		0.00
5) Phenol-d6	7.04	99	7553	0.39	ng		0.00
8) Nitrobenzene-d5	9.04	82	4961	0.75	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	16196	0.50	ng		-0.01
14) 2,4,6-Tribromophenol	16.03	330	818	0.47	ng		-0.01
15) 2-Fluorobiphenyl	13.17	172	17805	0.42	ng		-0.01
25) Fluoranthene-d10	19.33	212	100566	0.36	ng		0.00
29) Terphenyl-d14	19.92	244	18226	0.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	3947	0.370	ng	#	95
3) n-Nitrosodimethylamine	3.70	42	3707	0.382	ng	#	84
6) bis(2-Chloroethyl)ether	7.31	93	7130	0.355	ng		98
9) Naphthalene	10.73	128	83883	0.409	ng		100
10) Hexachlorobutadiene	11.03	225	4091	0.376	ng		97
12) 2-Methylnaphthalene	12.37	142	13255	0.404	ng		99
16) Acenaphthylene	14.27	152	16617	0.391	ng		99
17) Acenaphthene	14.62	154	10680	0.392	ng		99
18) Fluorene	15.59	166	13895	0.384	ng		99
20) 4-Bromophenyl-phenylether	16.49	248	4584	0.397	ng	#	93
21) Hexachlorobenzene	16.60	284	4765	0.367	ng		96
22) Pentachlorophenol	16.94	266	1822	0.893	ng		93
23) Phenanthrene	17.34	178	23530	0.415	ng		99
24) Anthracene	17.43	178	19748	0.403	ng		99
26) Fluoranthene	19.35	202	26725	0.370	ng		99
28) Pyrene	19.72	202	26536	0.443	ng		99
30) Benzo(a)anthracene	21.46	228	27524	0.434	ng		99
31) Chrysene	21.51	228	31116	0.439	ng		99
32) Bis(2-ethylhexyl)phthalate	21.40	149	22938	0.495	ng		99
33) Indeno(1,2,3-cd)pyrene	26.71	276	36289	0.590	ng		99
35) Benzo(b)fluoranthene	23.25	252	28390	0.400	ng		98
36) Benzo(k)fluoranthene	23.30	252	32171	0.409	ng		99
37) Benzo(a)pyrene	23.91	252	26994	0.420	ng		99
38) Dibenzo(a,h)anthracene	26.74	278	30769	0.486	ng		97
39) Benzo(g,h,i)perylene	27.53	276	33459	0.505	ng		99

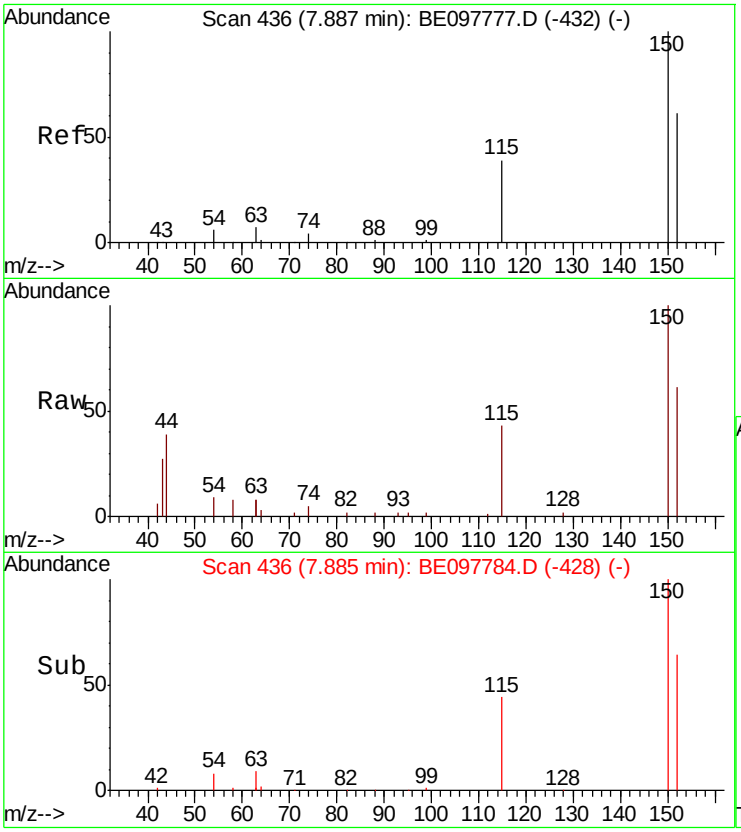
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100518\
Data File : BE097784.D
Acq On : 6 Oct 2018 10:01
Operator : SJ/JU
Sample : PB113550BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Quant Time: Oct 08 06:39:28 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



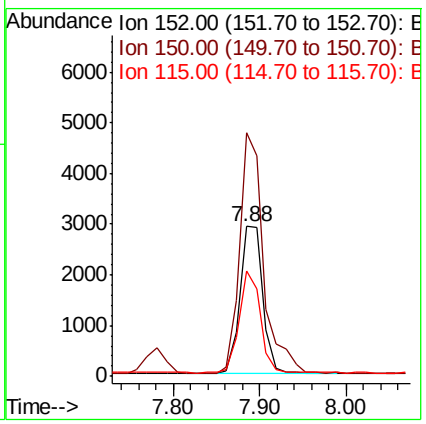


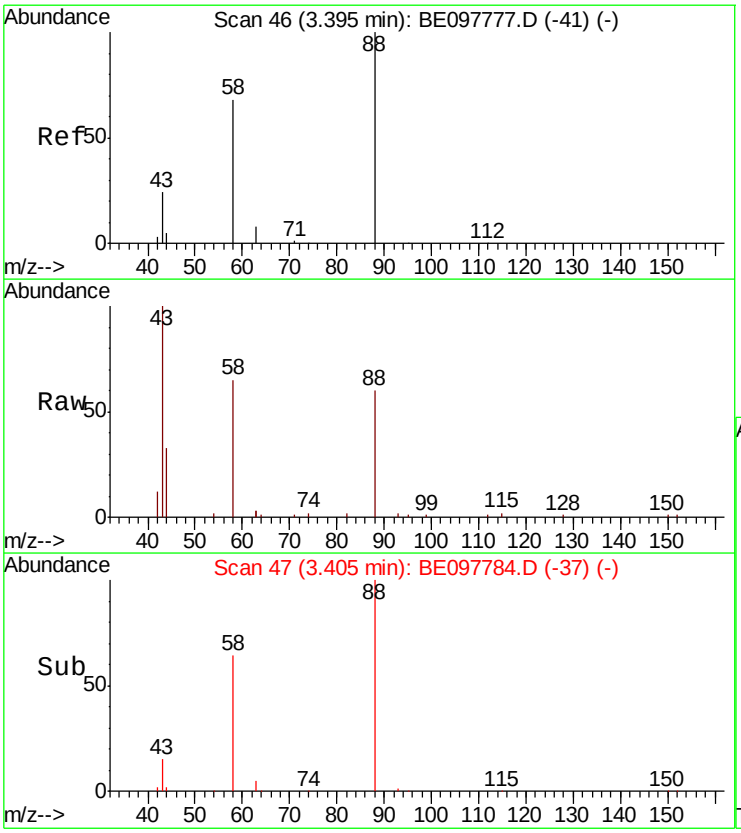
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:152 Resp: 5347

Ion	Ratio	Lower	Upper
152	100		
150	162.7	120.9	181.3
115	70.2	46.6	69.8#

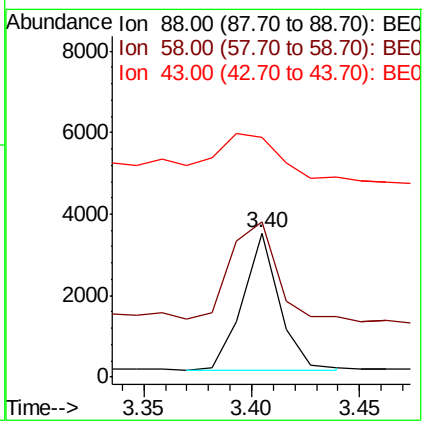


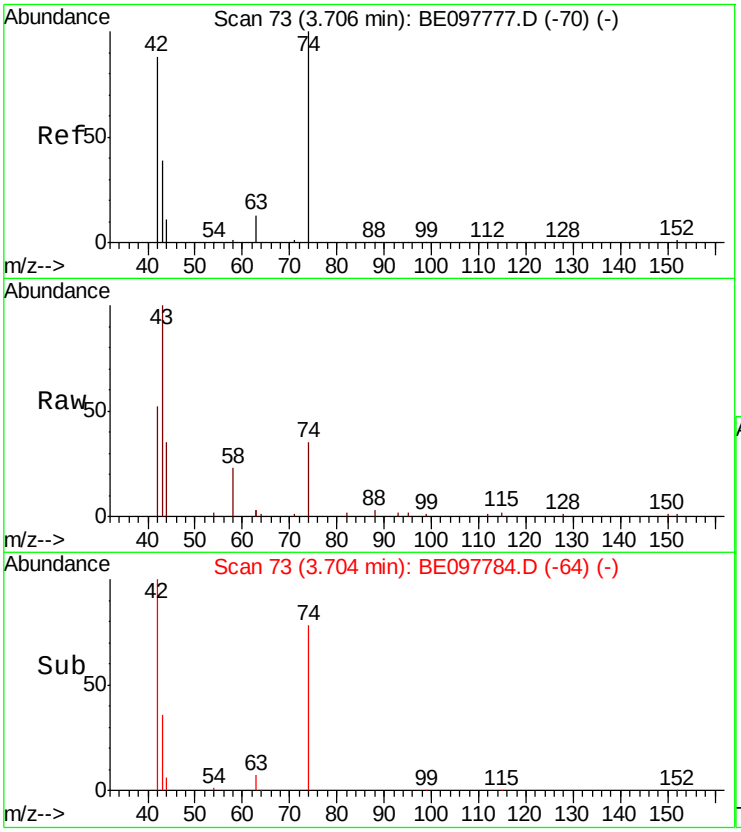


#2
1,4-Dioxane
Concen: 0.370 ng
RT: 3.40 min Scan# 47
Delta R.T. 0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion: 88 Resp: 3947

Ion	Ratio	Lower	Upper
88	100		
58	88.7	70.8	106.2
43	51.9	33.3	49.9#



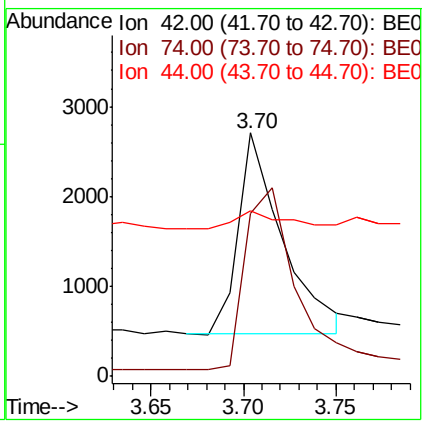


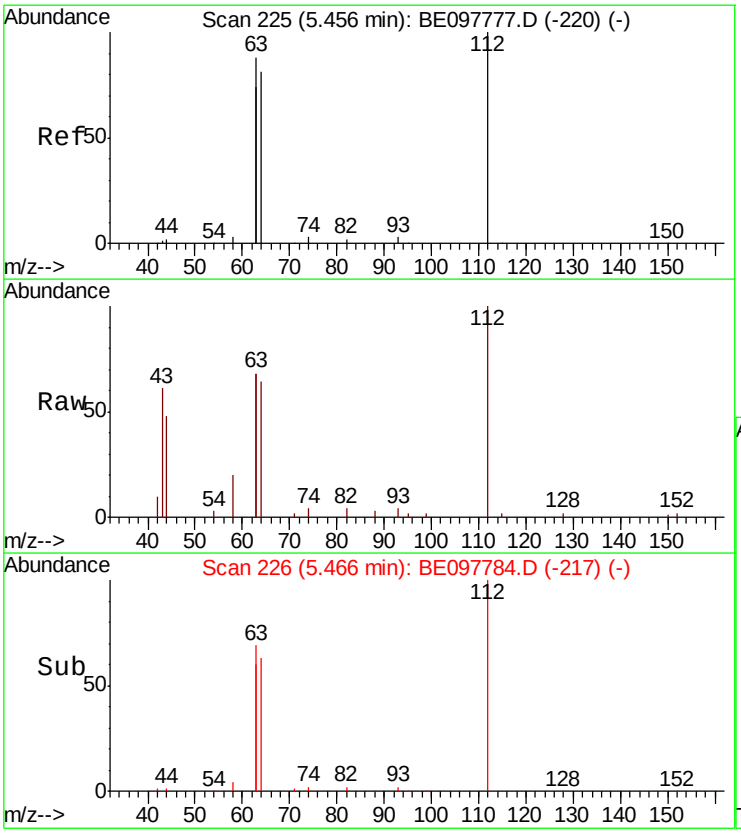
#3
n-Nitrosodimethylamine
Concen: 0.382 ng
RT: 3.70 min Scan# 73
Delta R.T. -0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion: 42 Resp: 3707

Ion	Ratio	Lower	Upper
42	100		
74	102.3	70.7	106.1
44	8.8	15.0	22.4#

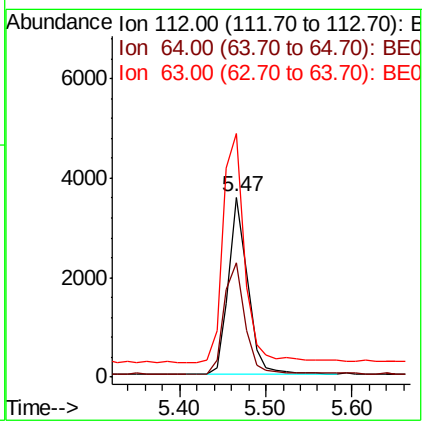


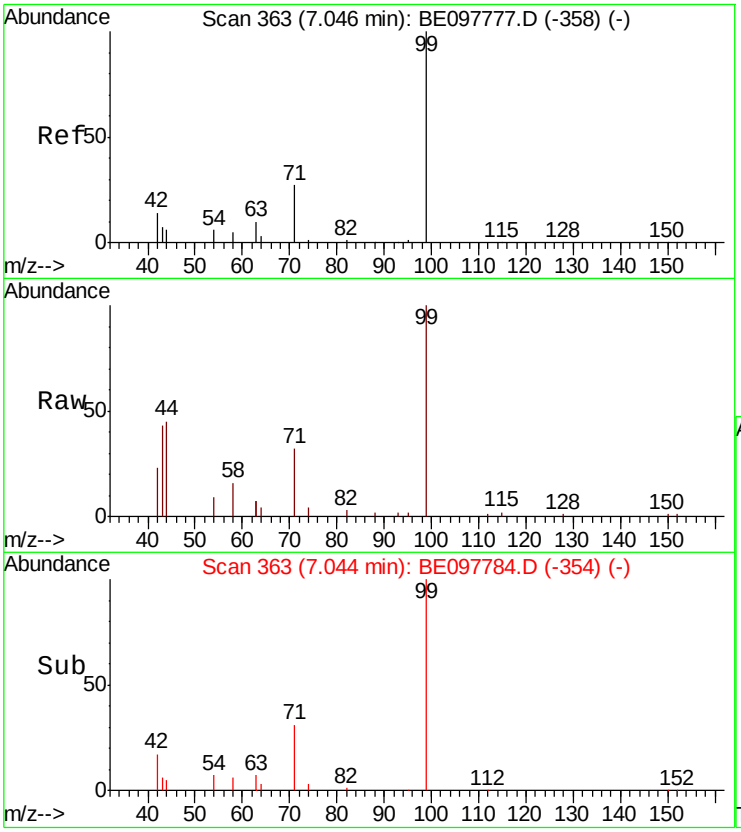


#4
2-Fluorophenol
Concen: 0.436 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:112 Resp: 5515

Ion	Ratio	Lower	Upper
112	100		
64	69.3	56.6	84.8
63	146.9	119.4	179.0



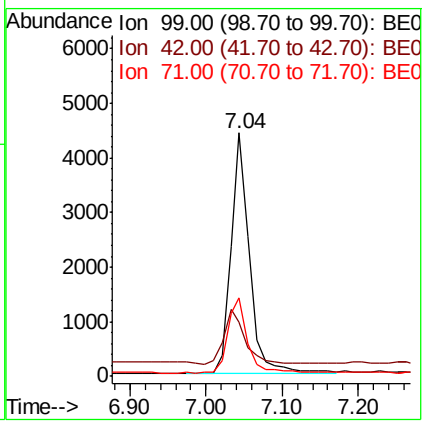


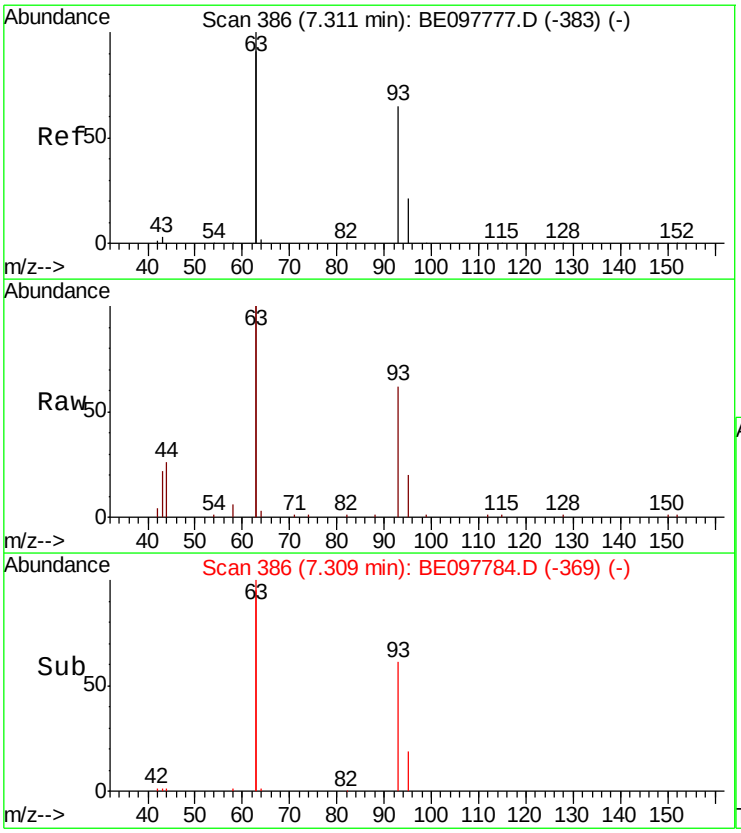
#5
Phenol-d6
Concen: 0.390 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion: 99 Resp: 7553

Ion	Ratio	Lower	Upper
99	100		
42	25.9	19.9	29.9
71	33.5	25.4	38.2

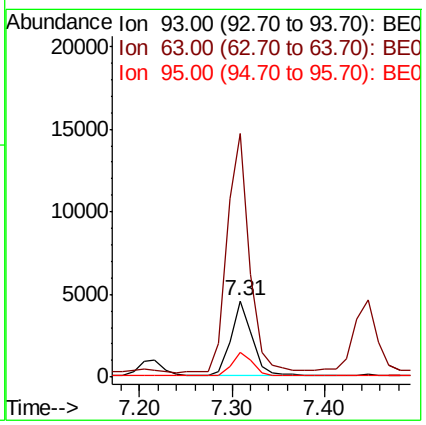


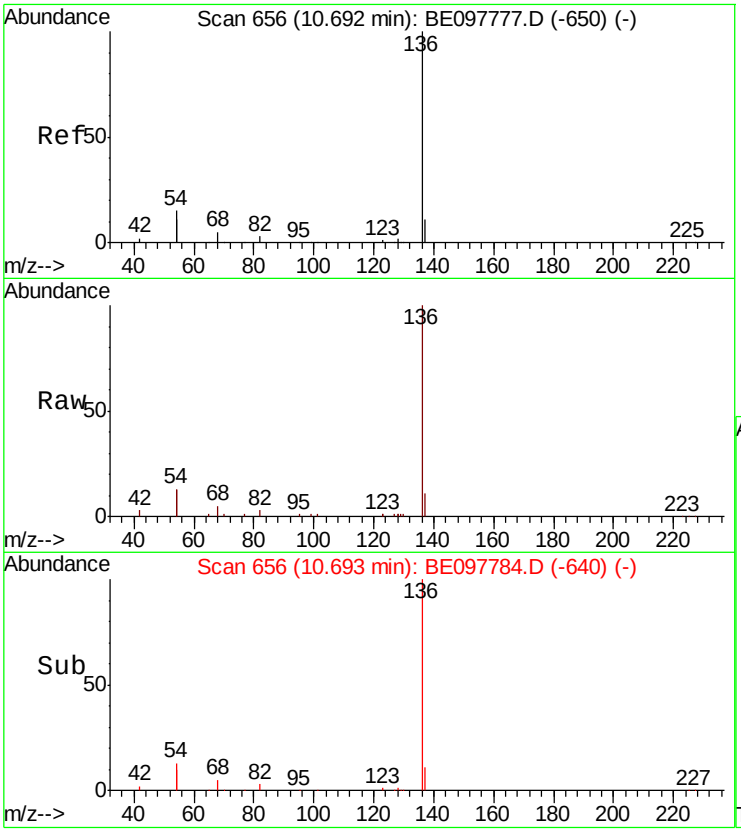


#6
bis(2-Chloroethyl)ether
Concen: 0.355 ng
RT: 7.31 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion: 93 Resp: 7130

Ion	Ratio	Lower	Upper
93	100		
63	338.8	266.9	400.3
95	33.1	26.2	39.2



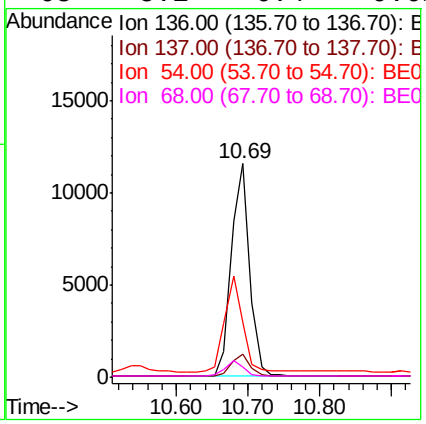


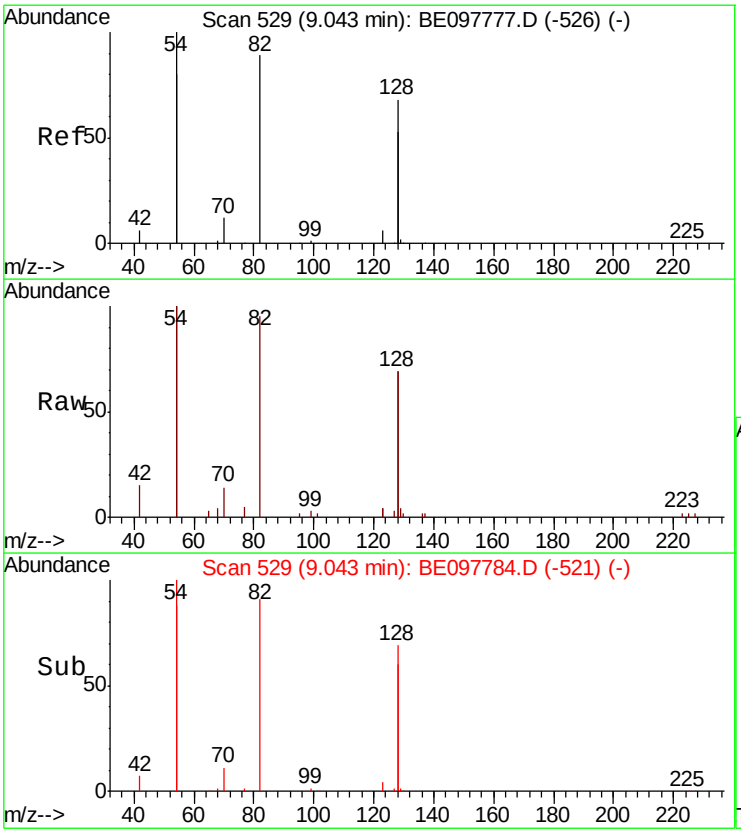
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:136 Resp: 20341

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	25.8	37.8	56.6#
68	5.1	6.4	9.6#

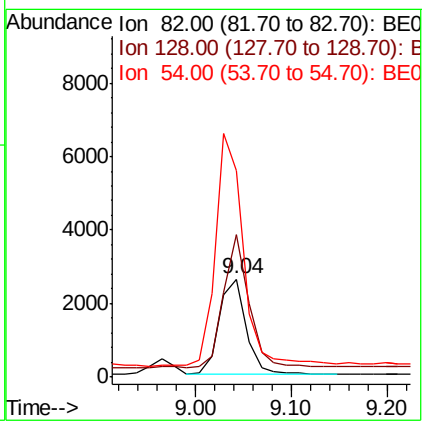


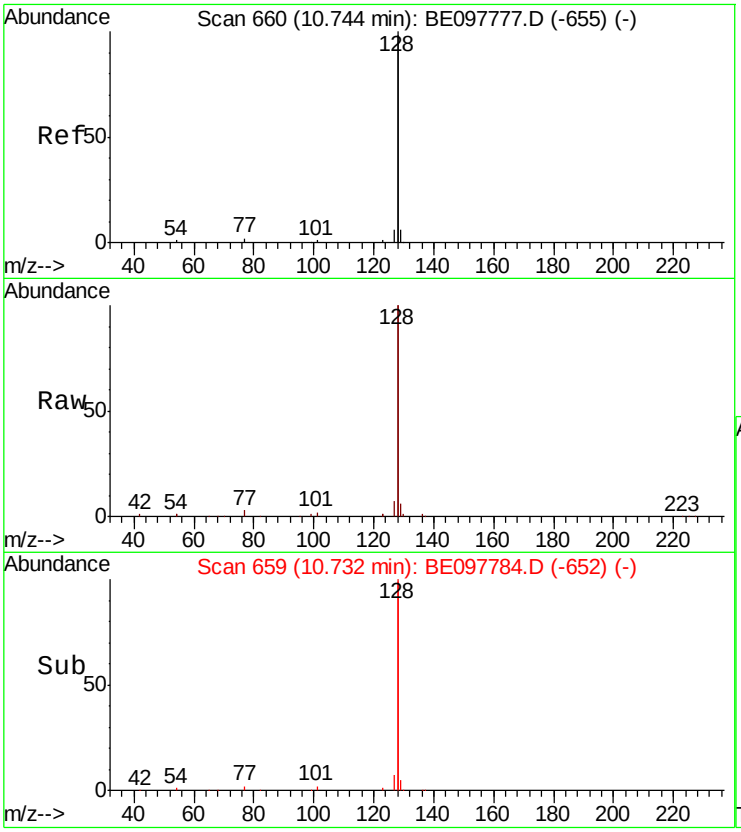


#8
Nitrobenzene-d5
Concen: 0.751 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion: 82 Resp: 4961

Ion	Ratio	Lower	Upper
82	100		
128	145.6	97.0	145.4#
54	211.0	206.9	310.3



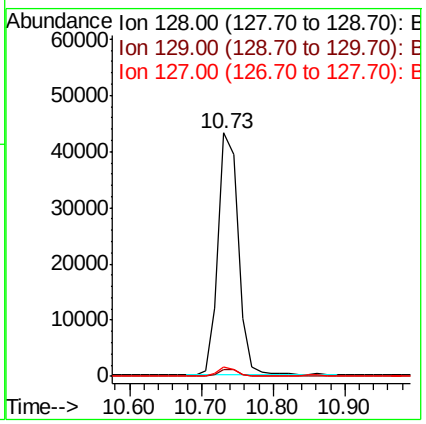


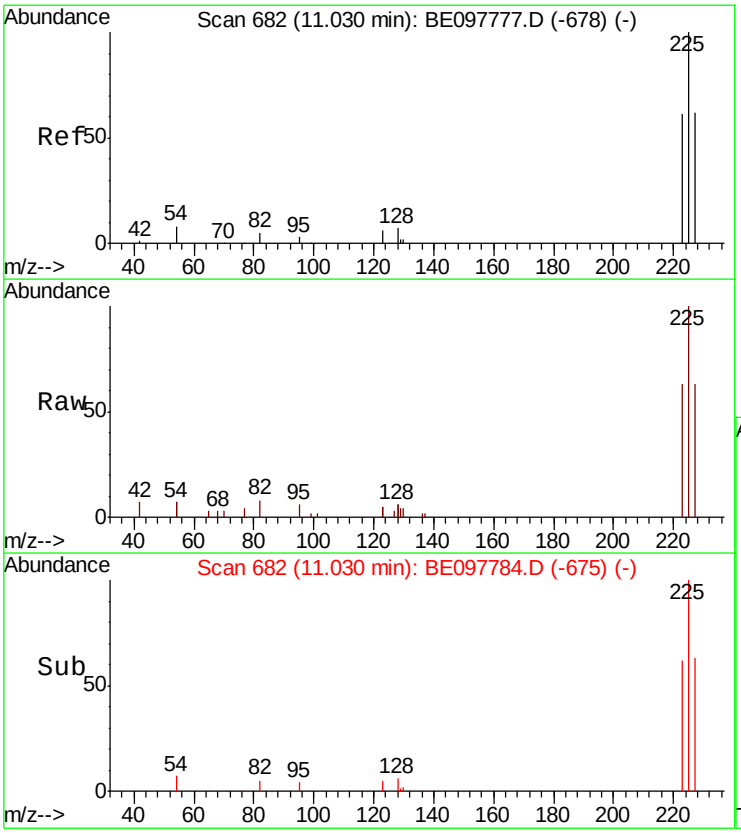
#9
Naphthalene
Concen: 0.409 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:128 Resp: 83883

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.2
127	3.6	2.7	4.1

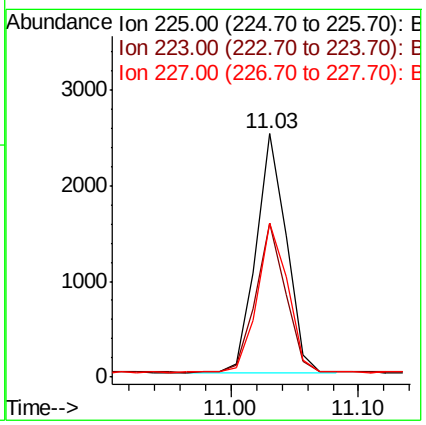


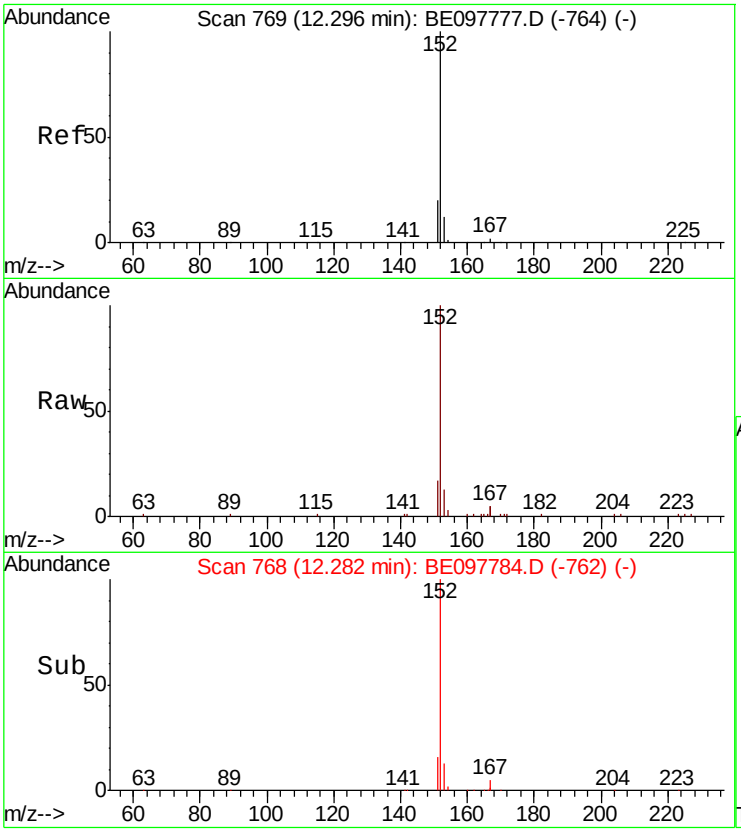


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:225 Resp: 4091

Ion	Ratio	Lower	Upper
225	100		
223	61.8	52.2	78.4
227	62.6	51.2	76.8



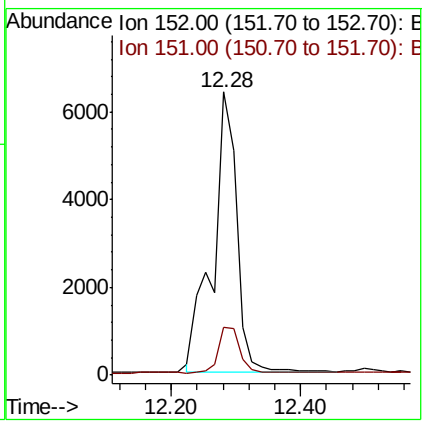


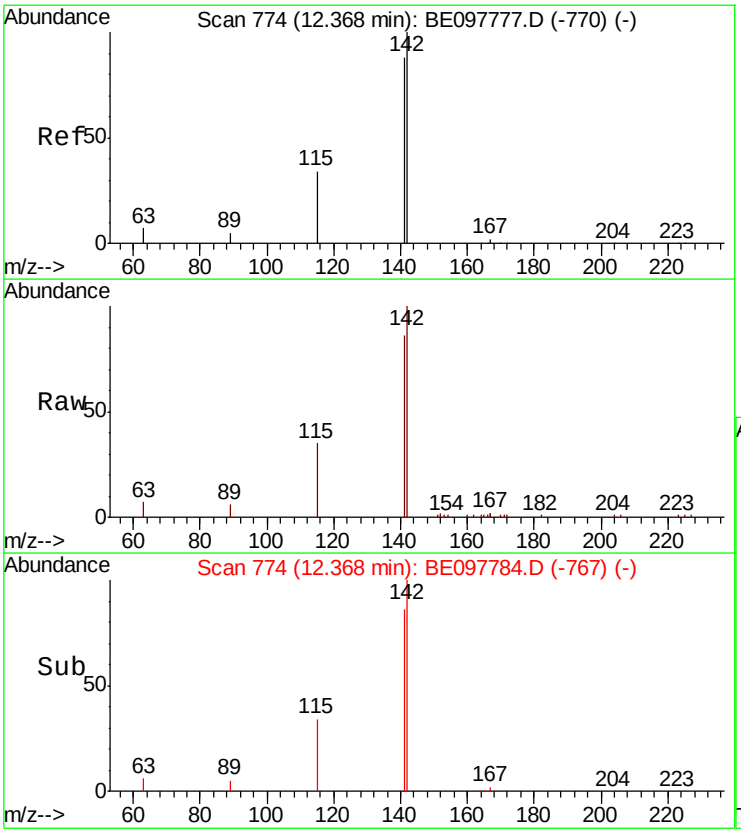
#11
2-Methylnaphthalene-d10
Concen: 0.500 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:152 Resp: 16196

Ion	Ratio	Lower	Upper
152	100		
151	14.5	15.4	23.2#

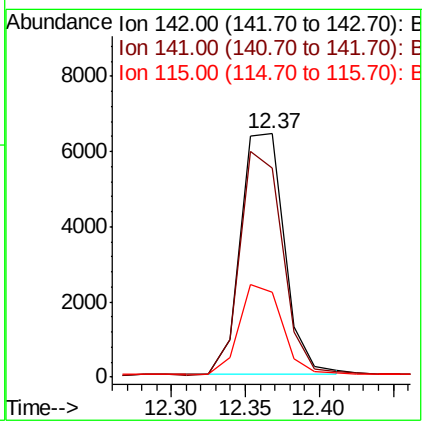


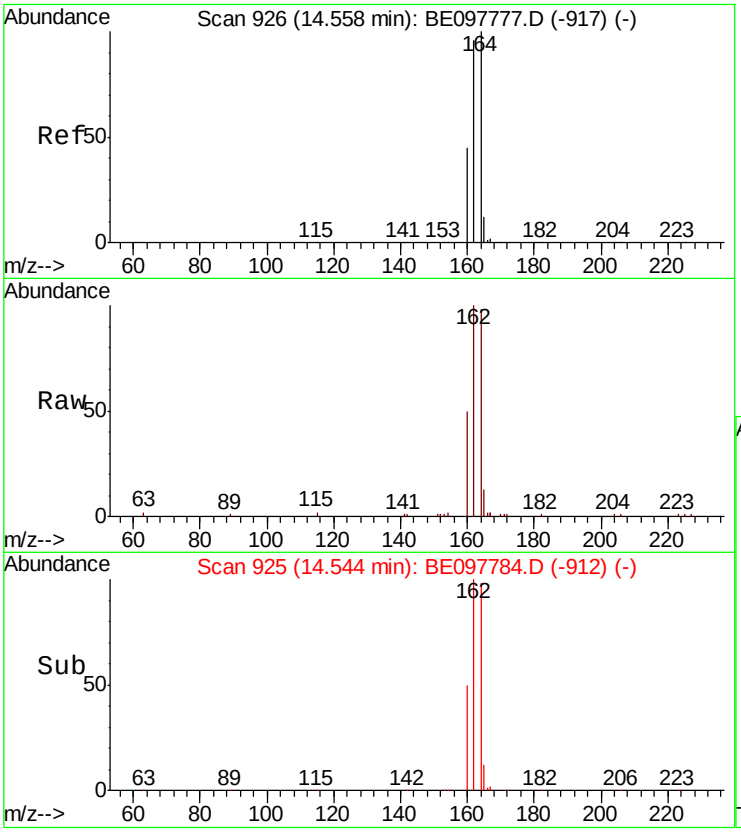


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:142 Resp: 13255

Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.4	104.2
115	34.6	28.0	42.0



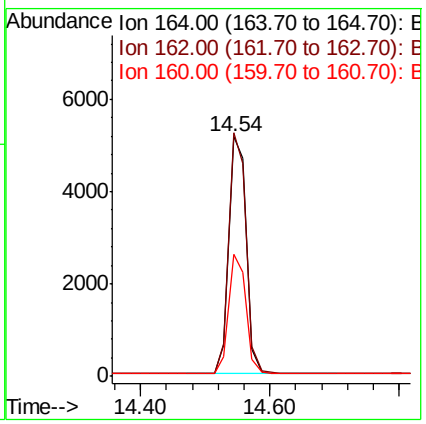


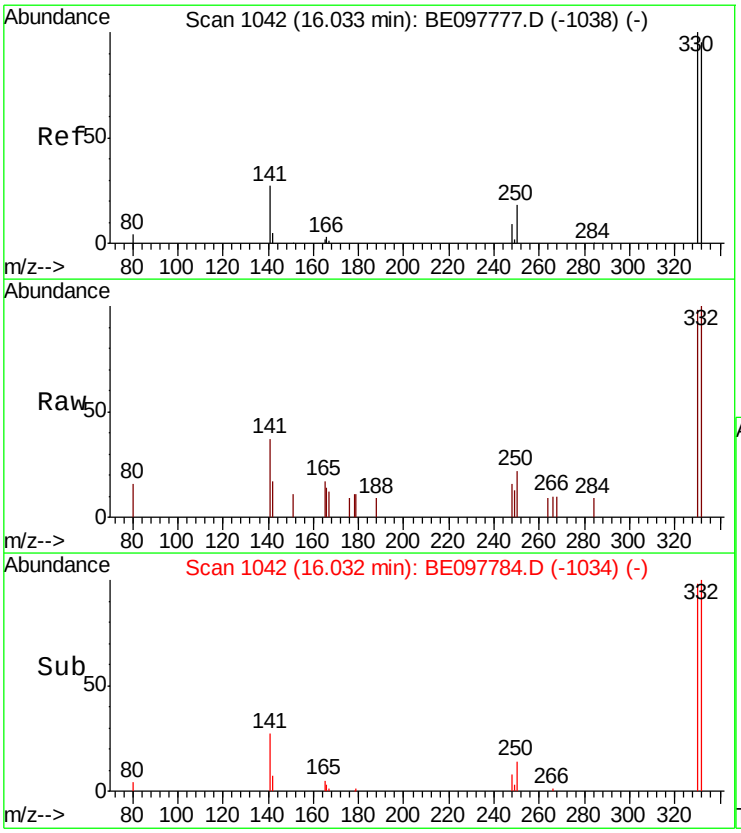
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:164 Resp: 9601

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.6	117.8
160	51.1	37.8	56.6

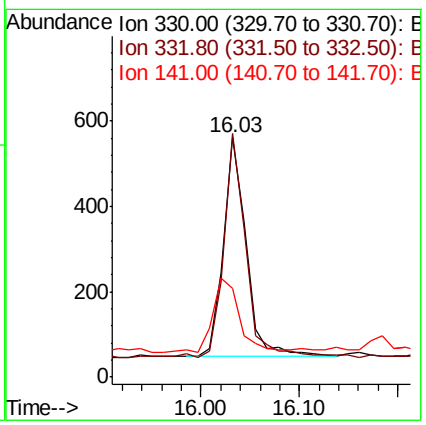


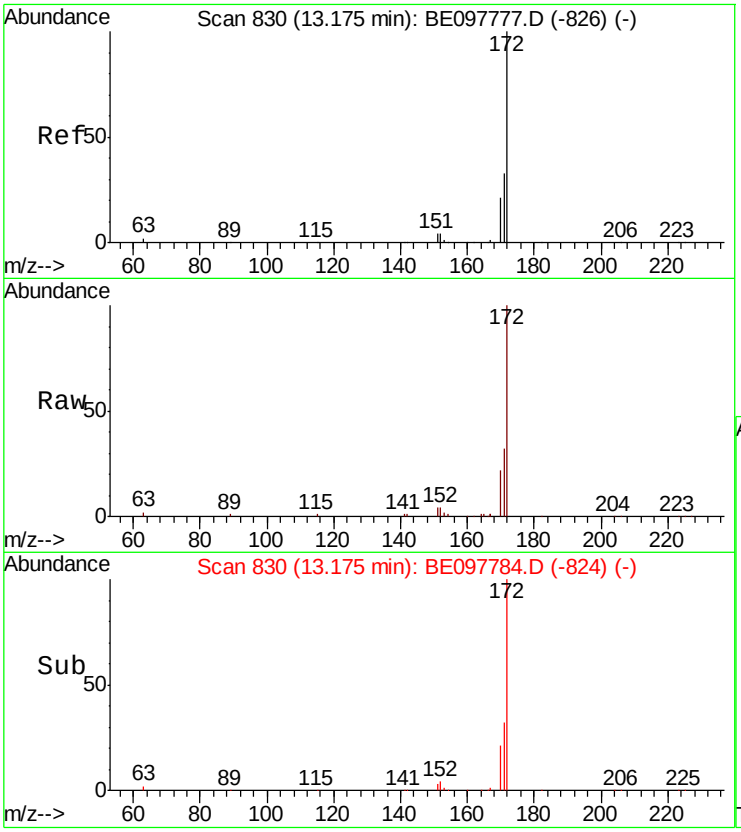


#14
2,4,6-Tribromophenol
Concen: 0.470 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:330 Resp: 818

Ion	Ratio	Lower	Upper
330	100		
332	101.8	83.5	125.3
141	40.0	34.9	52.3



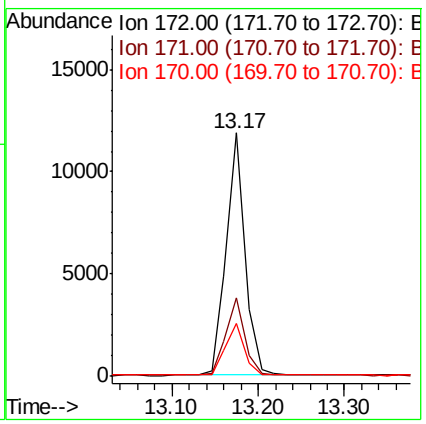


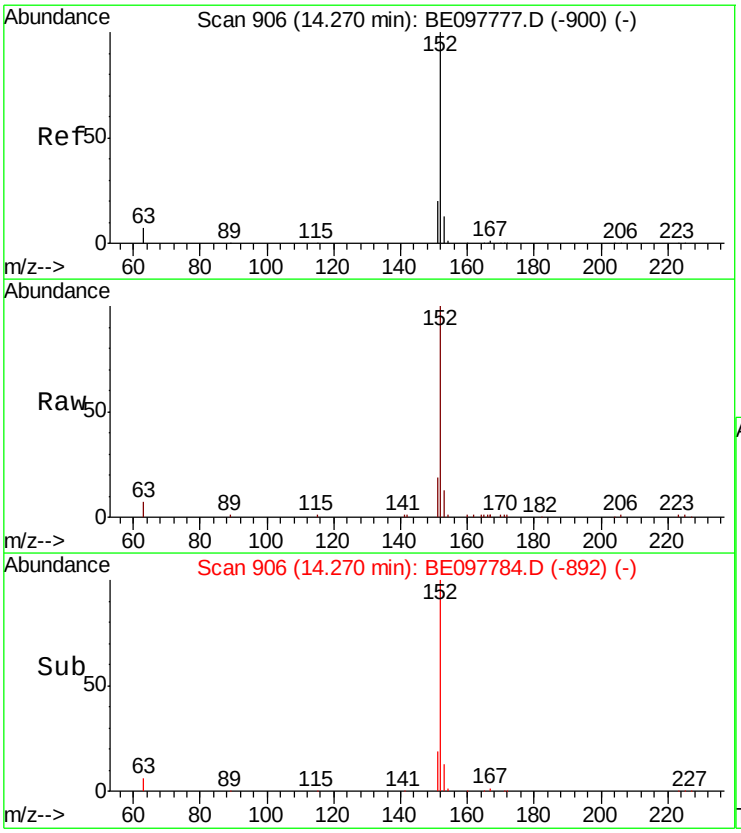
#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:172 Resp: 17805

Ion	Ratio	Lower	Upper
172	100		
171	32.4	25.2	37.8
170	21.8	16.2	24.2

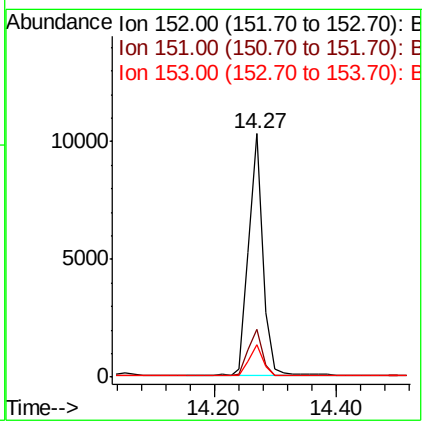


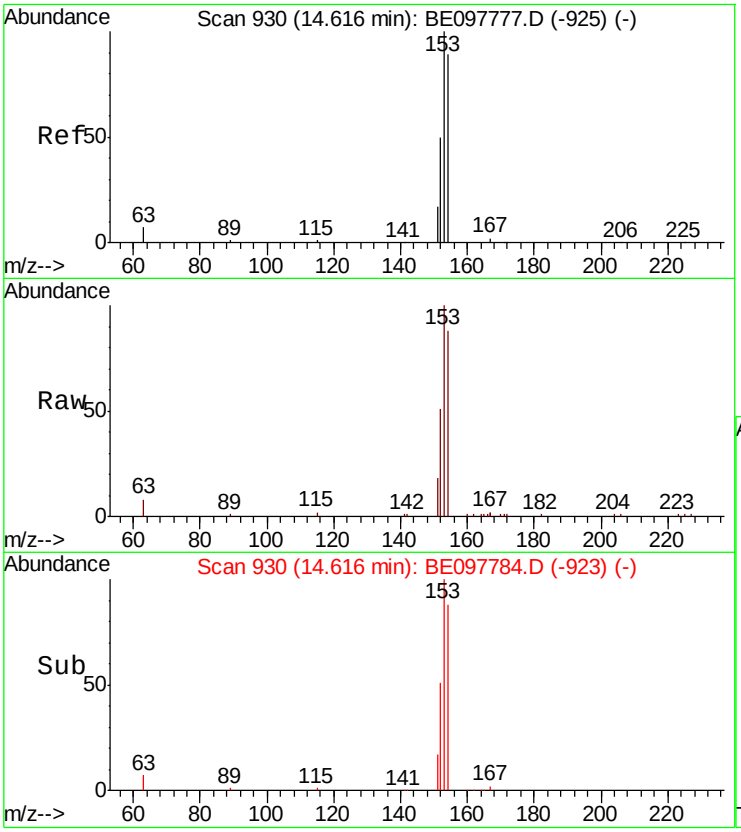


#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:152 Resp: 16617

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	12.6	10.8	16.2



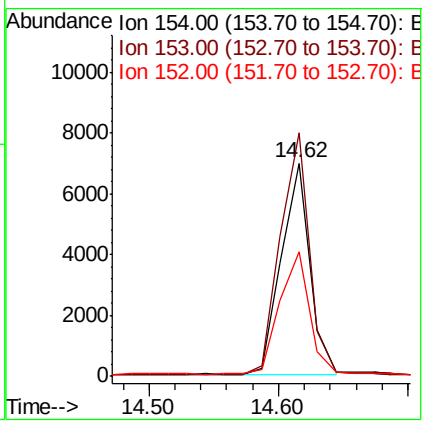


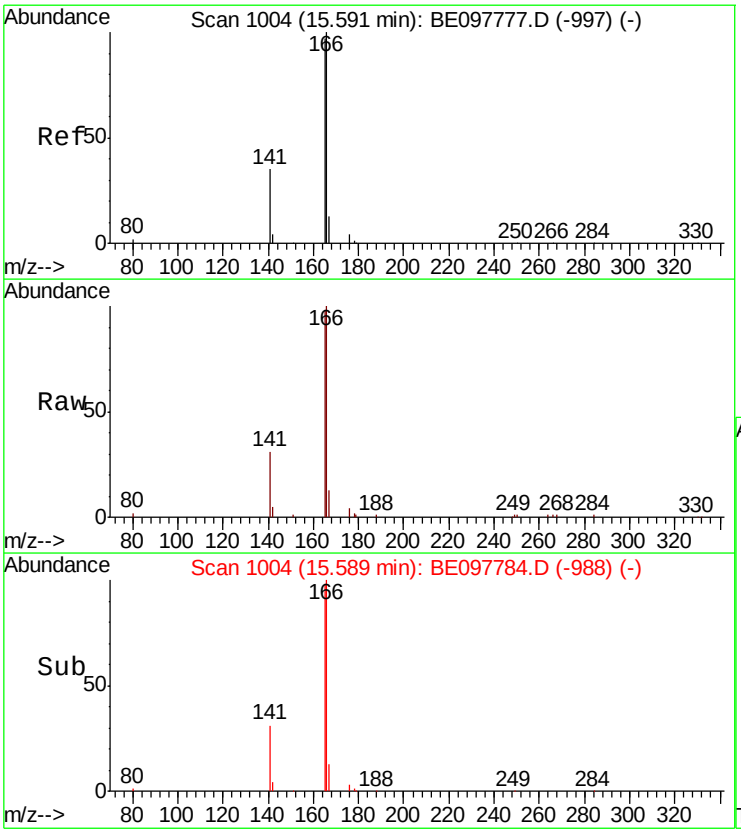
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:154 Resp: 10680

Ion	Ratio	Lower	Upper
154	100		
153	115.9	93.3	139.9
152	60.0	48.9	73.3

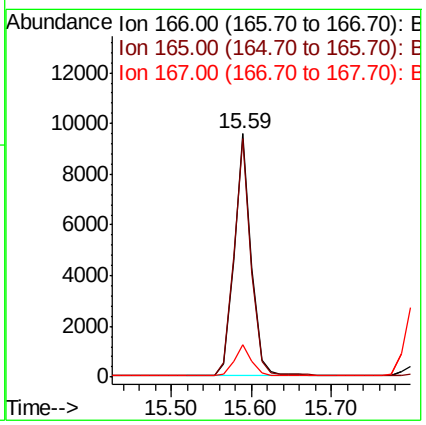


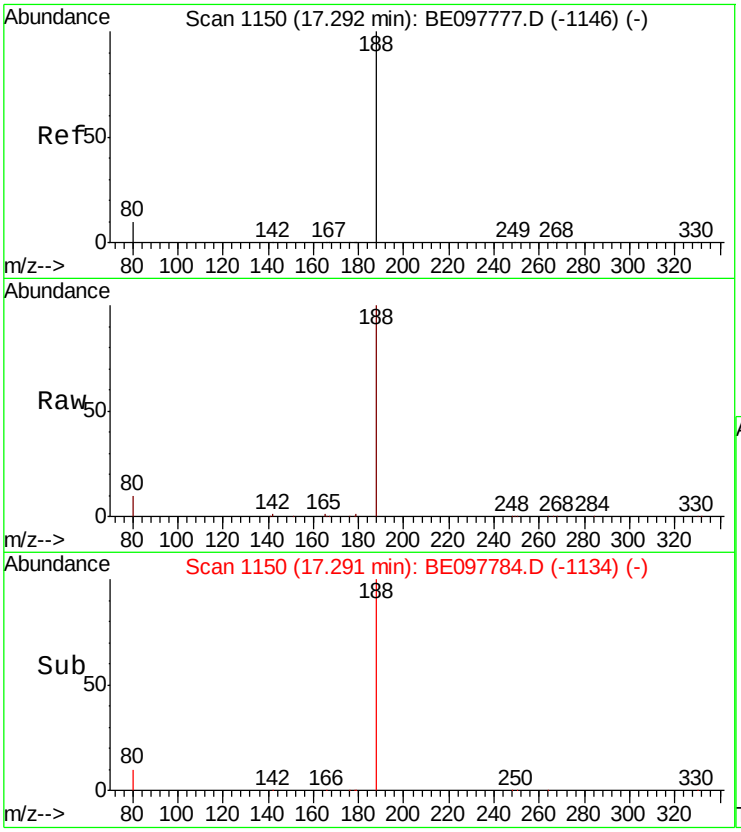


#18
Fluorene
Concen: 0.384 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:166 Resp: 13895

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.4
167	13.3	11.1	16.7



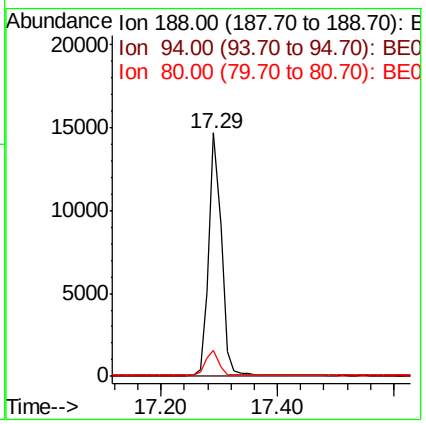


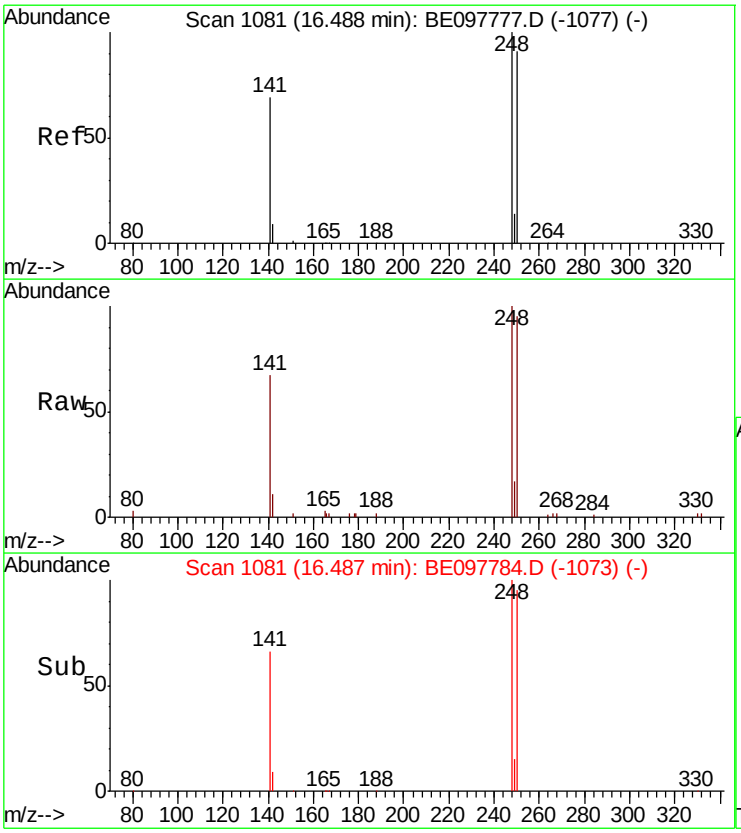
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:188 Resp: 22026

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	6.6	9.8#

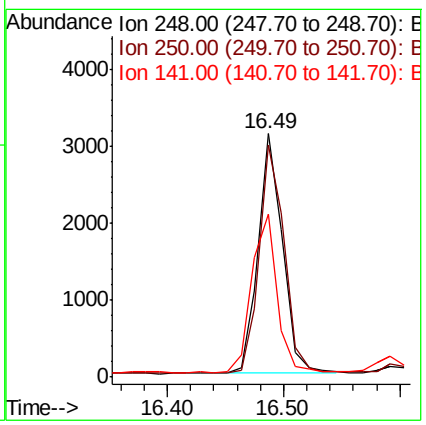


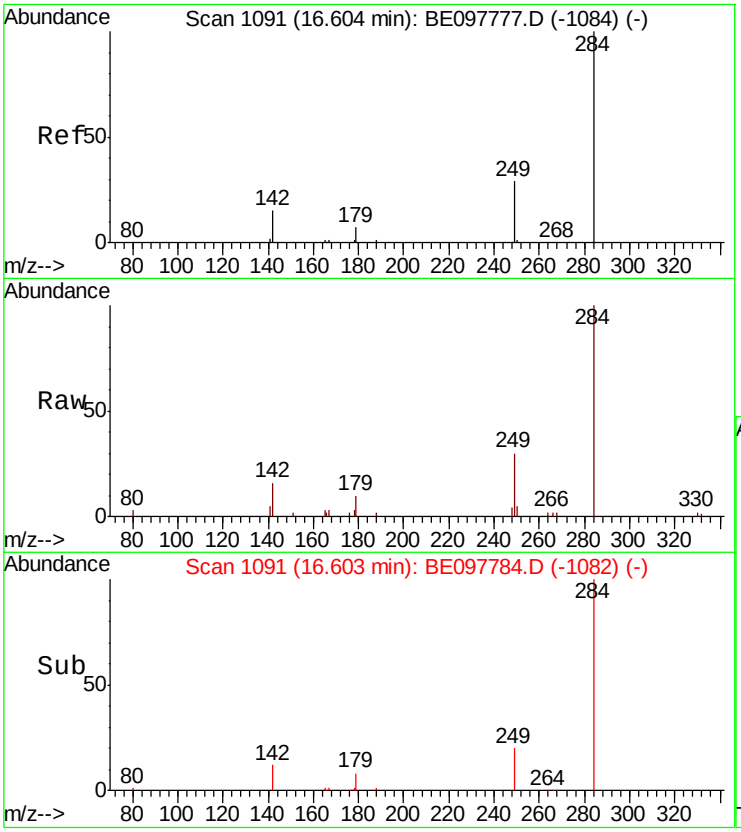


#20
4-Bromophenyl-phenylether
Concen: 0.397 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:248 Resp: 4584

Ion	Ratio	Lower	Upper
248	100		
250	95.2	76.1	114.1
141	67.1	42.2	63.4#



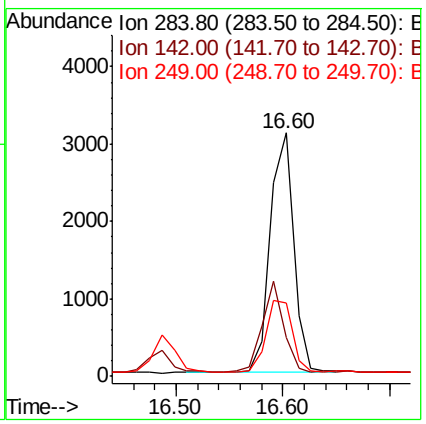


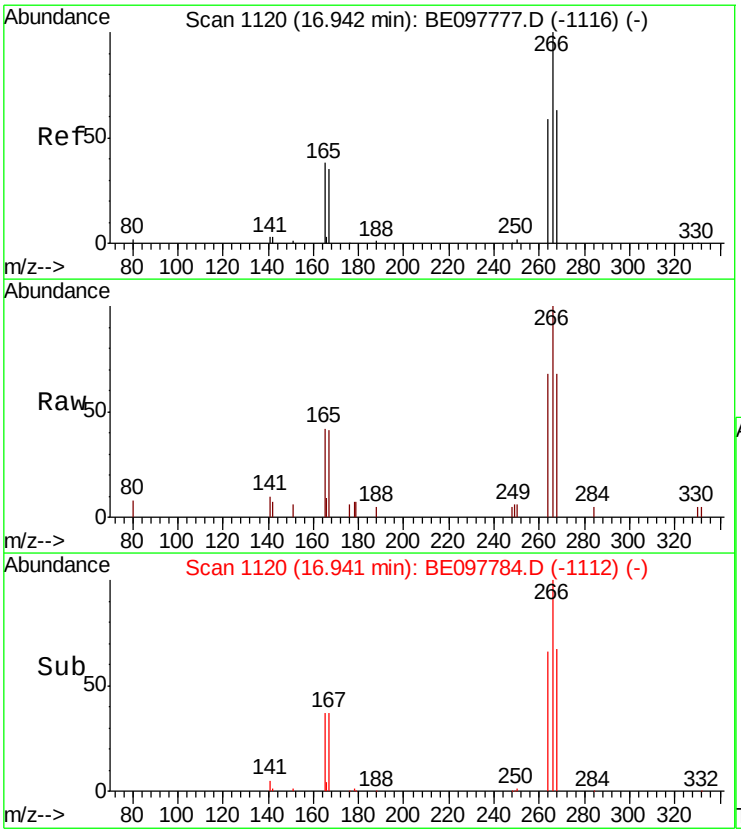
#21
Hexachlorobenzene
Concen: 0.367 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:284 Resp: 4765

Ion	Ratio	Lower	Upper
284	100		
142	34.8	24.9	37.3
249	32.8	25.8	38.8

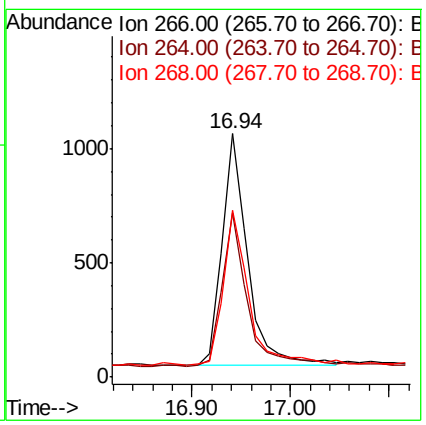


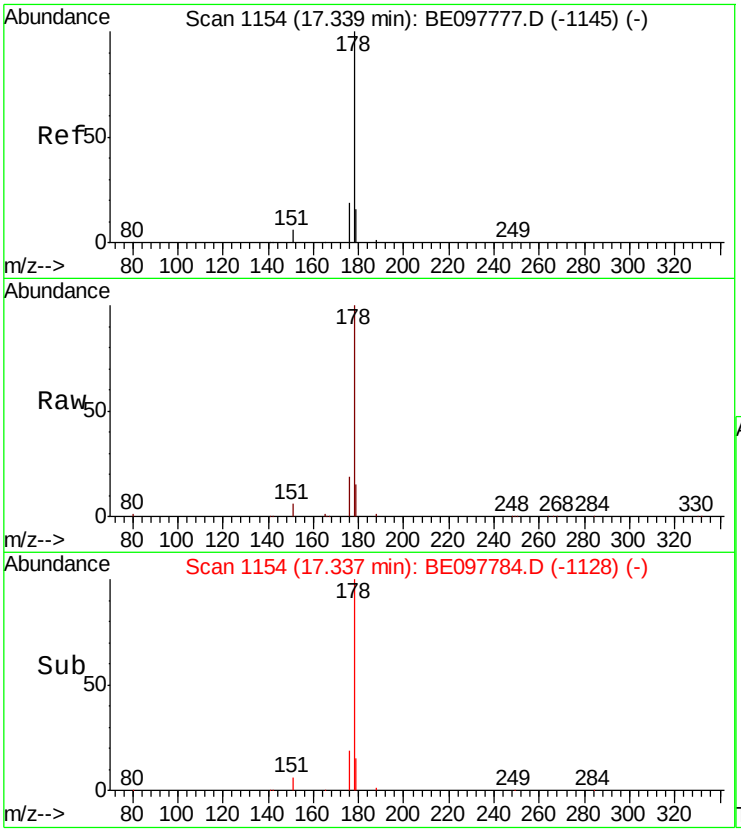


#22
Pentachlorophenol
Concen: 0.893 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:266 Resp: 1822

Ion	Ratio	Lower	Upper
266	100		
264	67.5	46.8	70.2
268	68.3	53.0	79.6



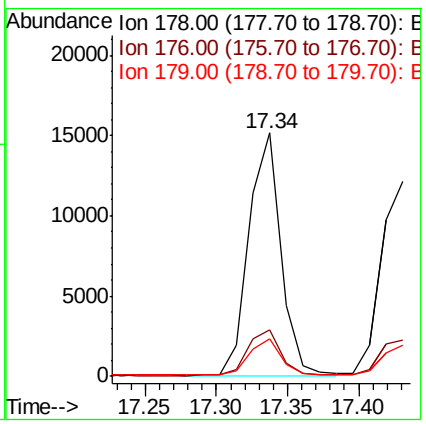


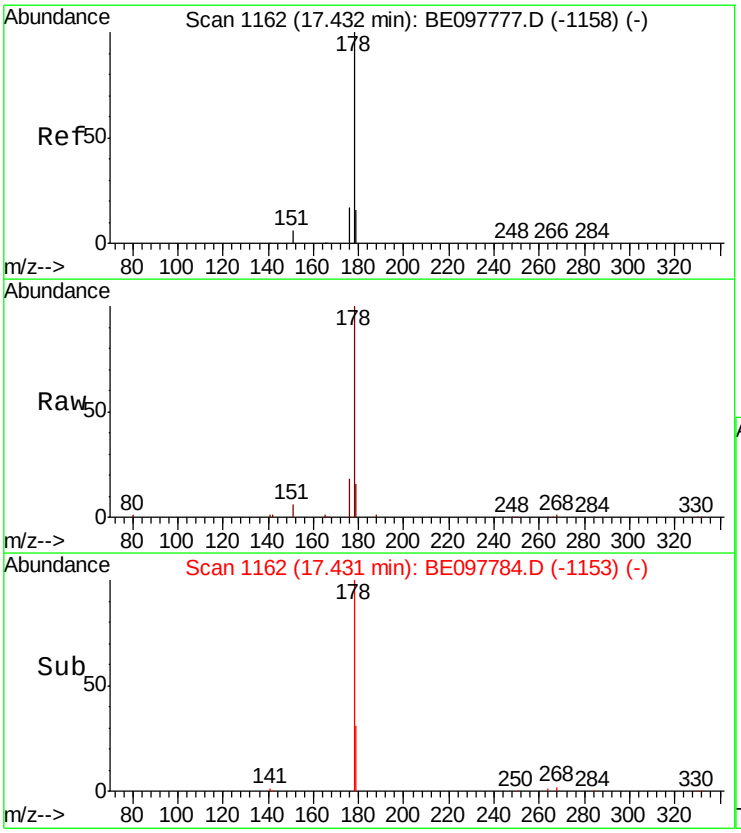
#23
Phenanthrene
Concen: 0.415 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:178 Resp: 23530

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	14.8	12.2	18.4

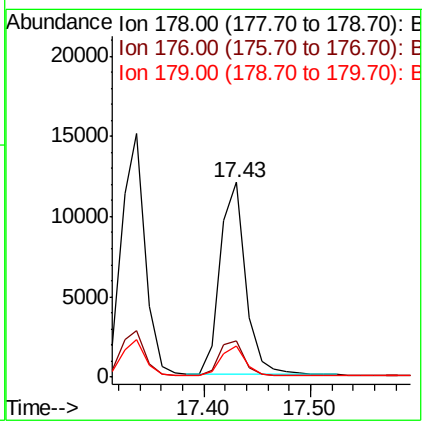


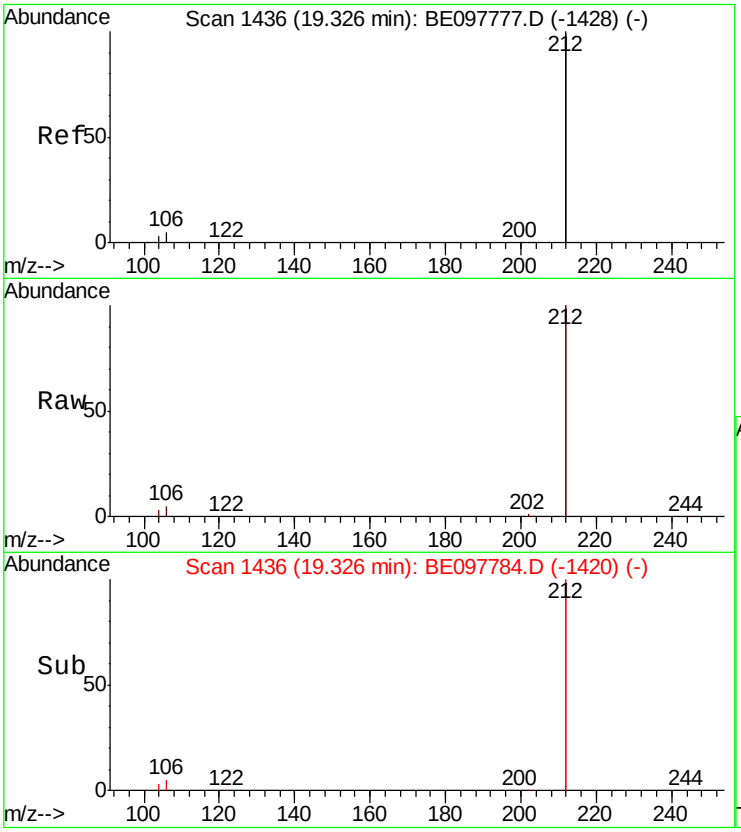


#24
Anthracene
Concen: 0.403 ng
RT: 17.43 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:178 Resp: 19748

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	14.5	12.2	18.2



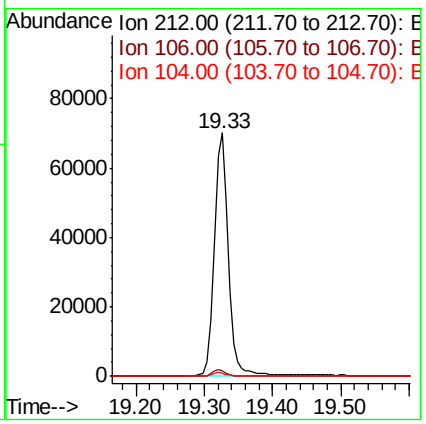


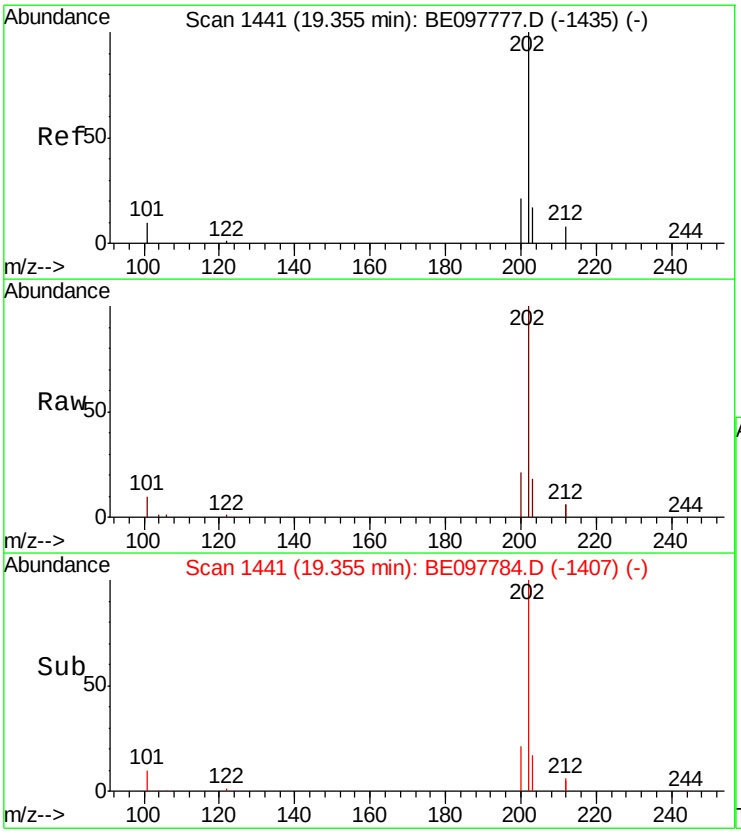
#25
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:212 Resp: 100566

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.5	1.2	1.8

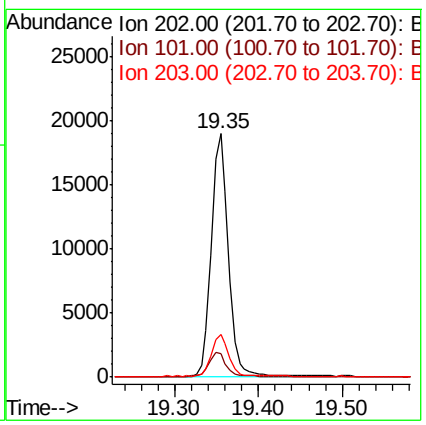


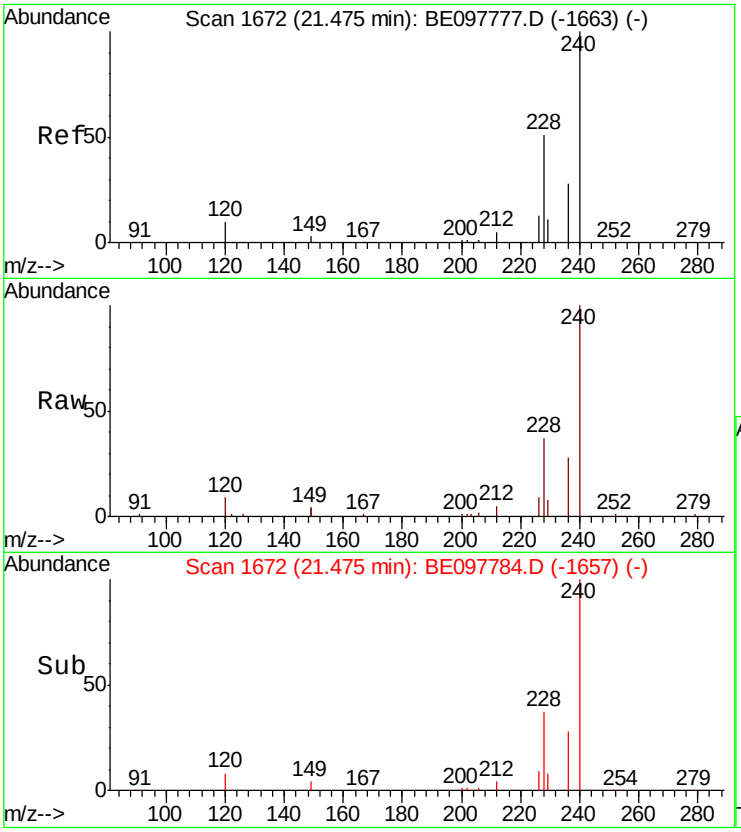


#26
Fluoranthene
Concen: 0.370 ng
RT: 19.35 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:202 Resp: 26725

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.8	11.8
203	17.4	13.8	20.6



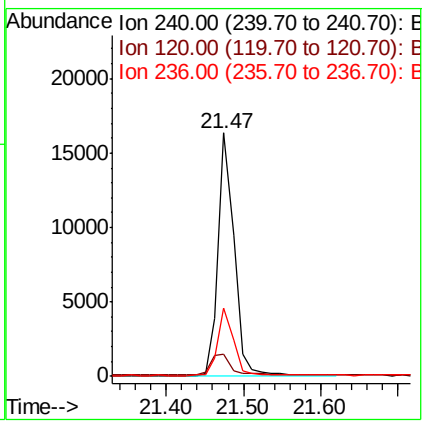


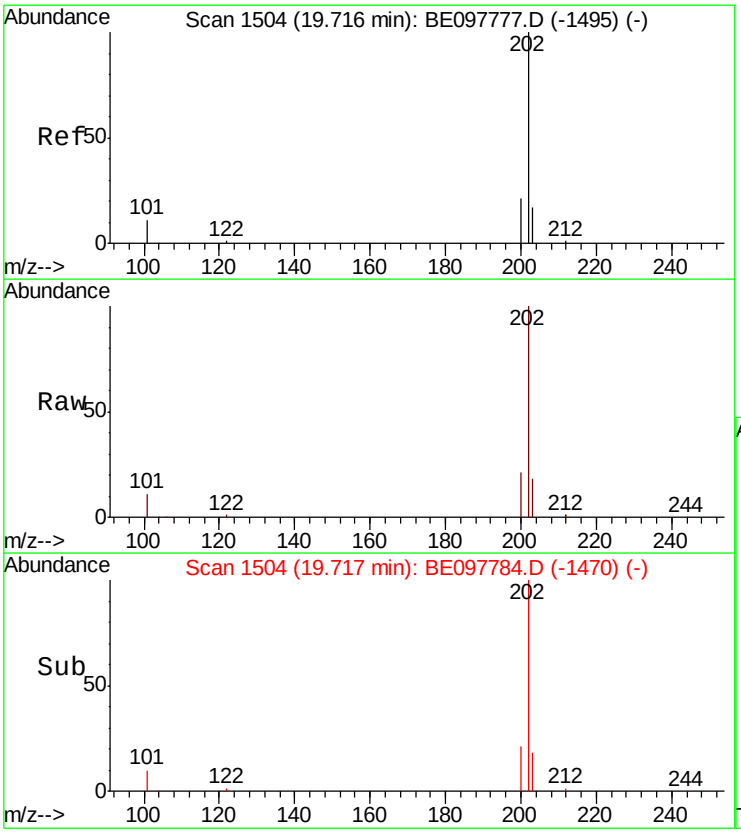
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:240 Resp: 23579

Ion	Ratio	Lower	Upper
240	100		
120	8.9	4.7	7.1#
236	27.9	20.8	31.2

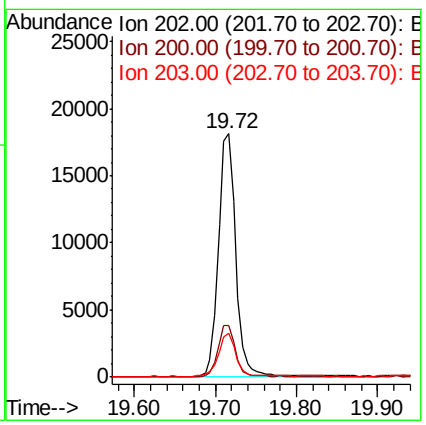


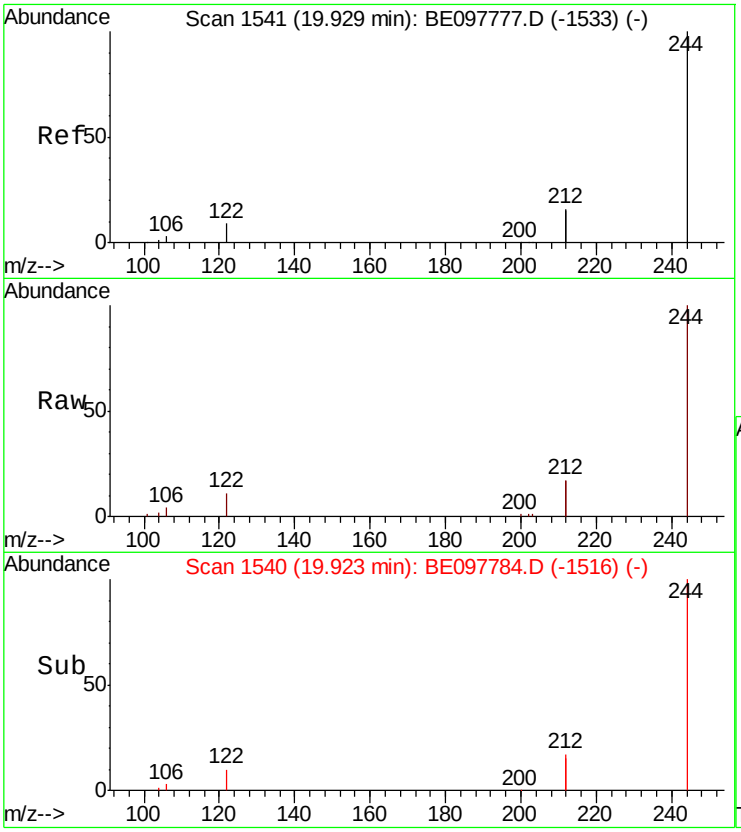


#28
Pyrene
Concen: 0.443 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:202 Resp: 26536

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	13.9	20.9



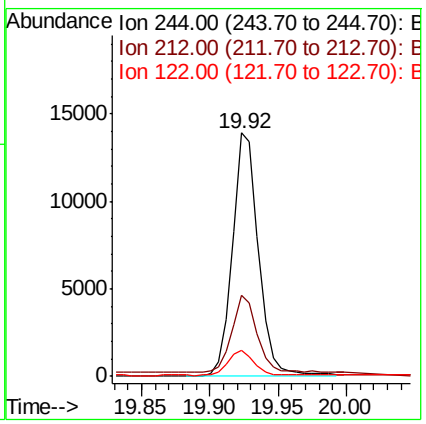


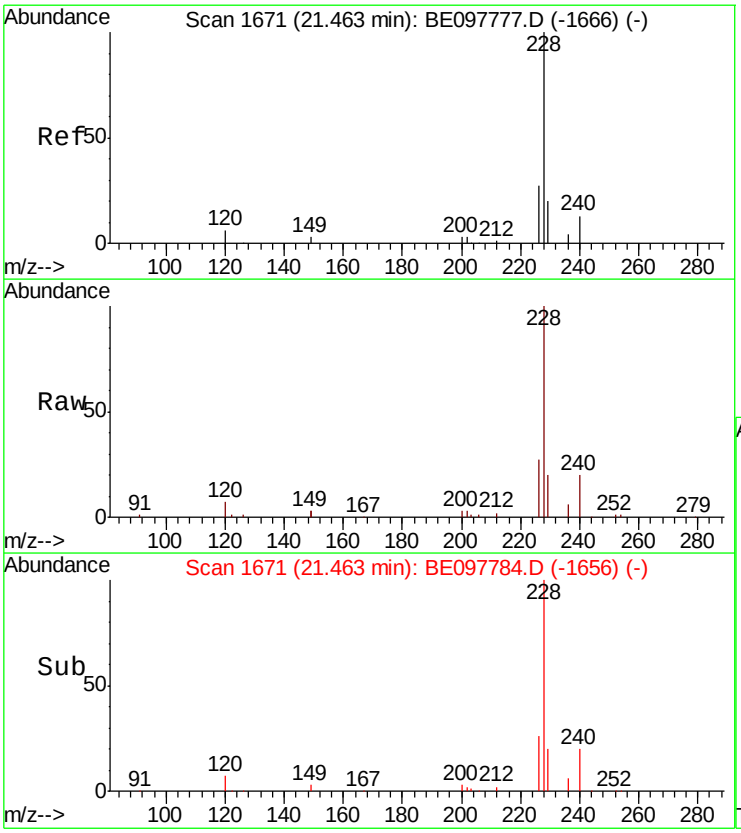
#29
Terphenyl-d14
Concen: 0.379 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:244 Resp: 18226

Ion	Ratio	Lower	Upper
244	100		
212	33.3	25.8	38.8
122	10.7	8.7	13.1

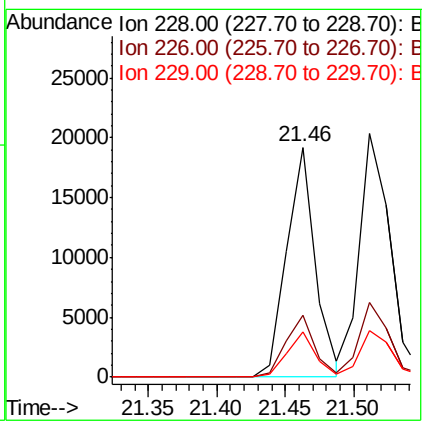


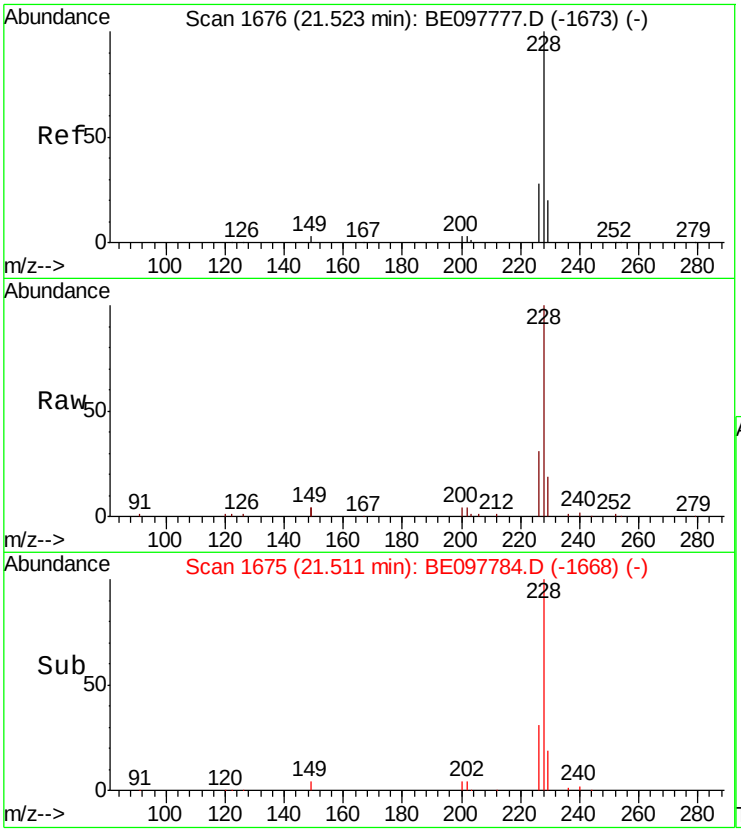


#30
Benzo(a)anthracene
Concen: 0.434 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:228 Resp: 27524

Ion	Ratio	Lower	Upper
228	100		
226	26.6	20.7	31.1
229	19.8	15.7	23.5



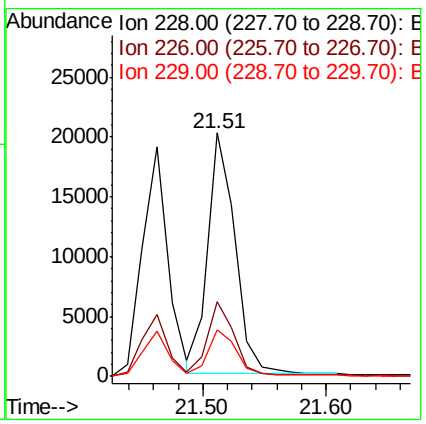


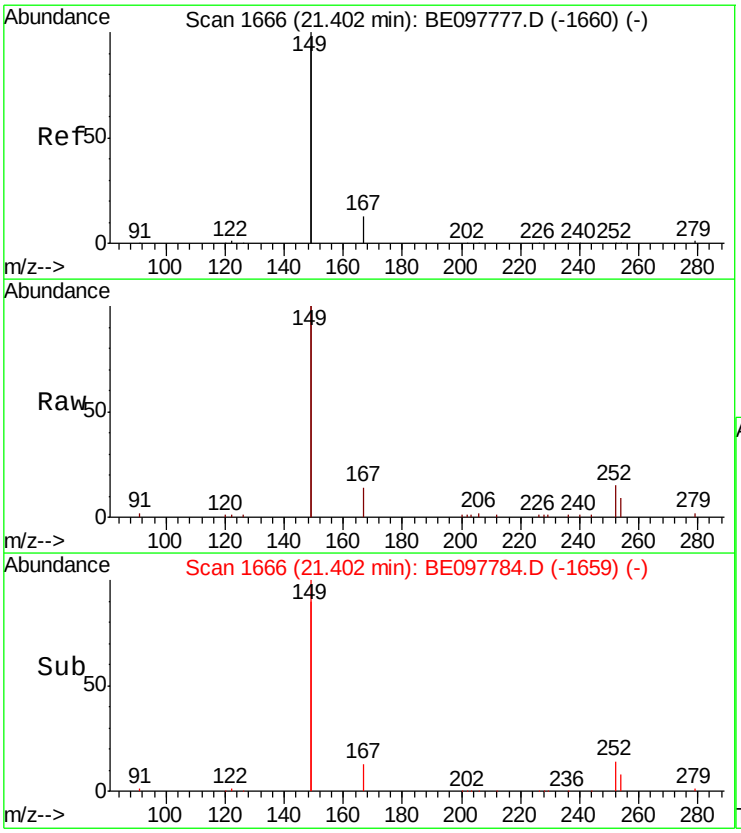
#31
Chrysene
Concen: 0.439 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:228 Resp: 31116

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.0	16.0	24.0

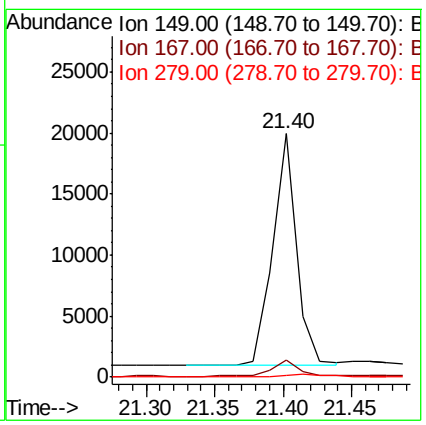


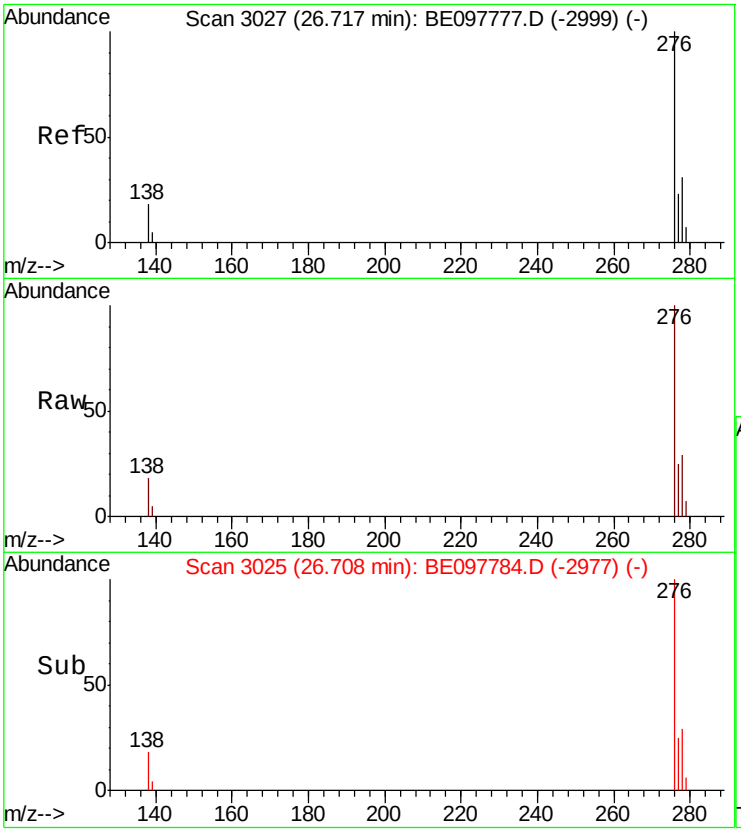


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.495 ng
RT: 21.40 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:149 Resp: 22938

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.5	8.3
279	1.1	0.9	1.3



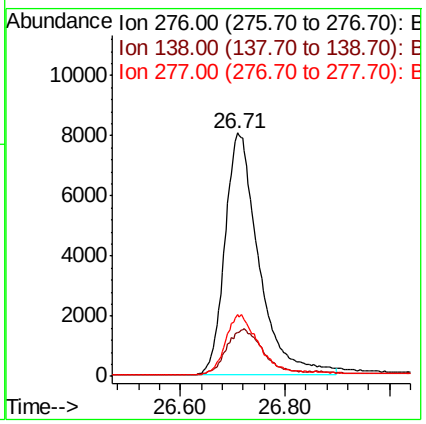


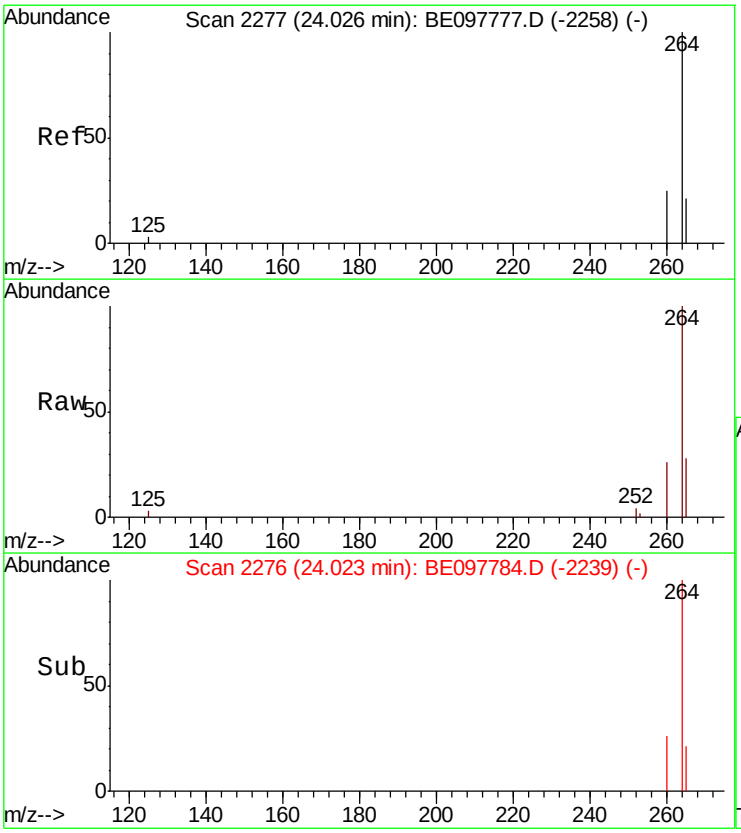
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.590 ng
RT: 26.71 min Scan# 3025
Delta R.T. -0.03 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:276 Resp: 36289

Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.0	22.6
277	24.0	19.2	28.8

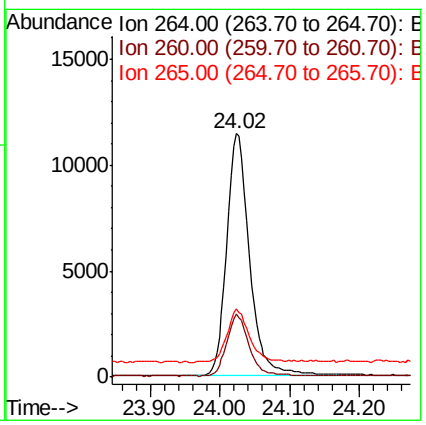


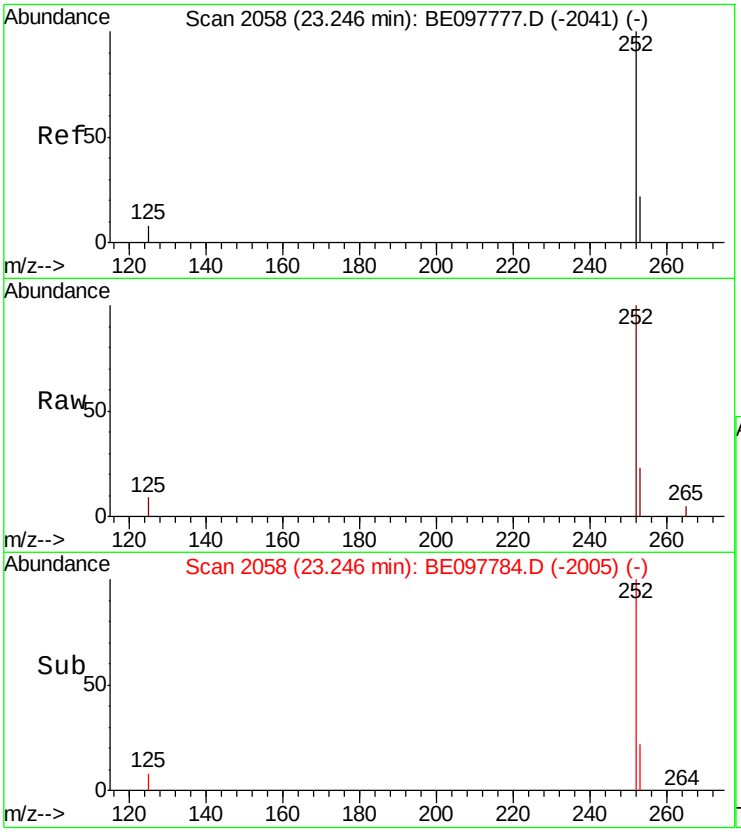


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:264 Resp: 25855

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



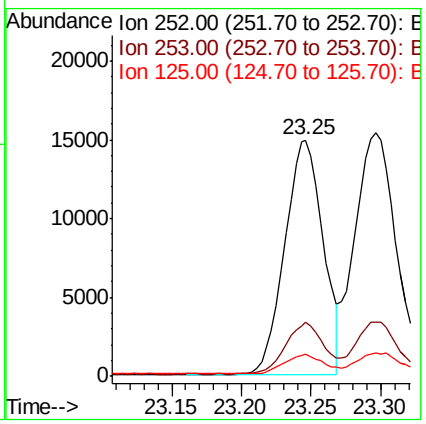


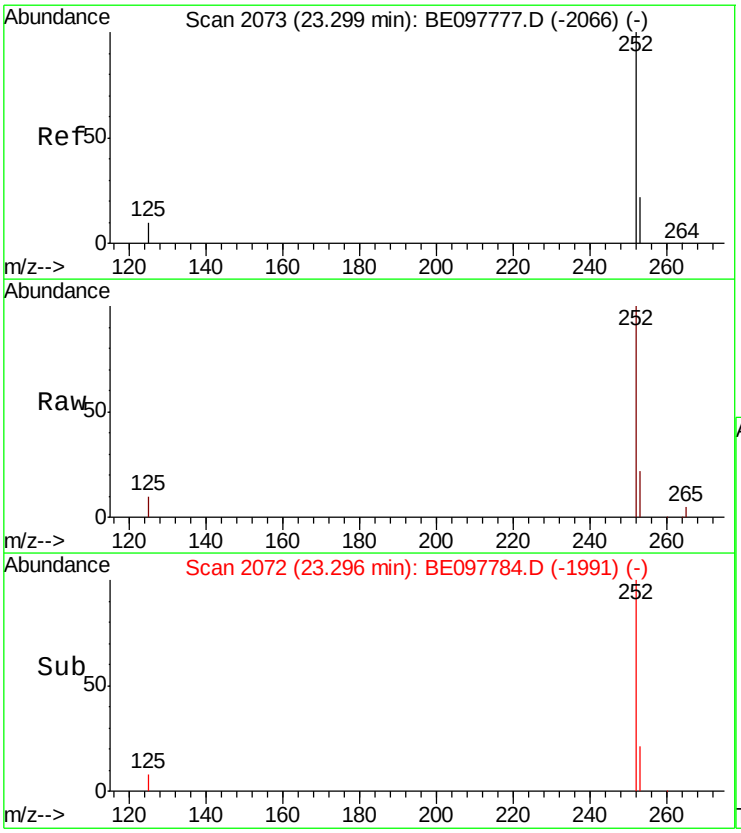
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:252 Resp: 28390

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.3	7.8	11.8

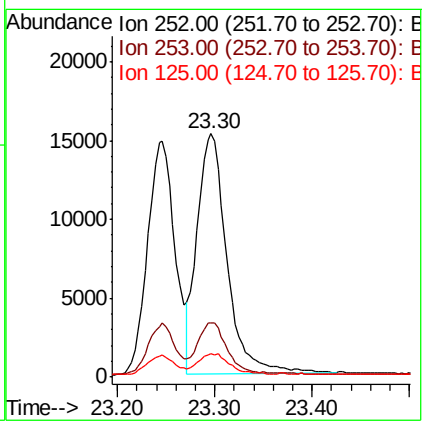


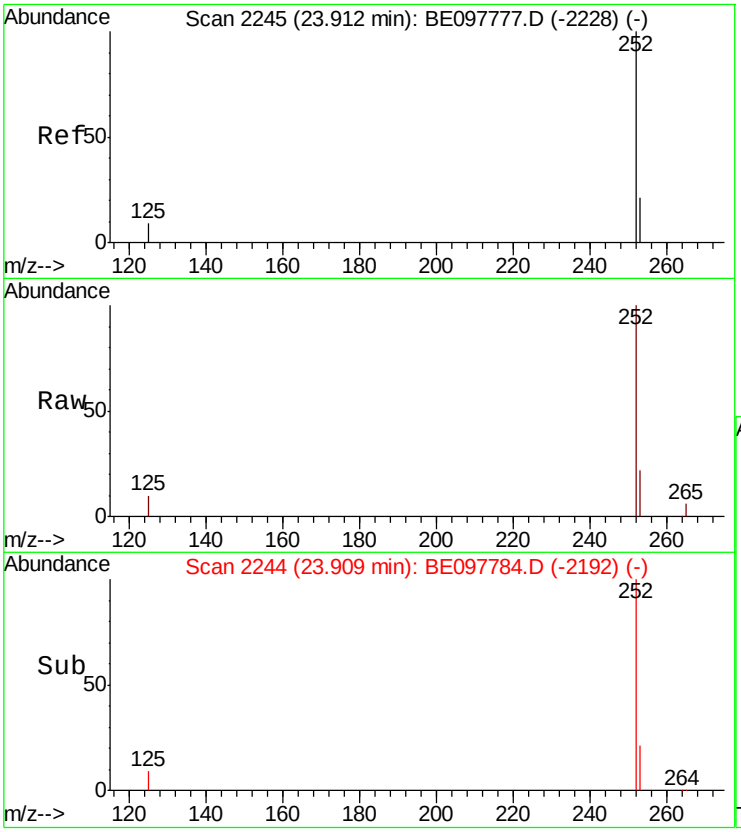


#36
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:252 Resp: 32171

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.6	7.5	11.3



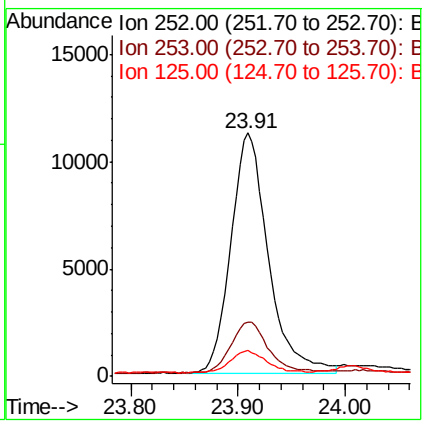


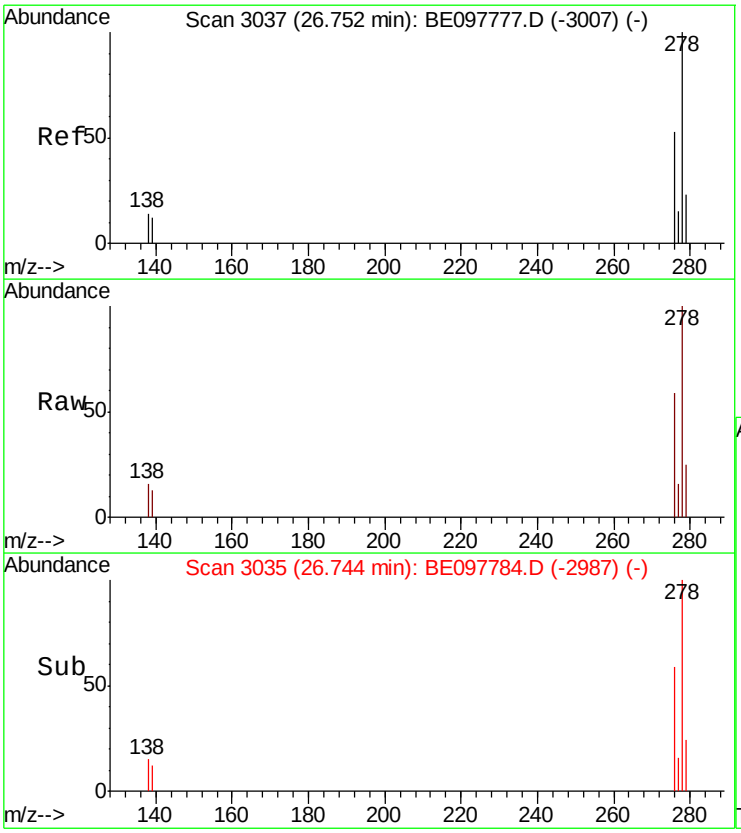
#37
Benzo(a)pyrene
Concen: 0.420 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:252 Resp: 26994

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.5	8.3	12.5

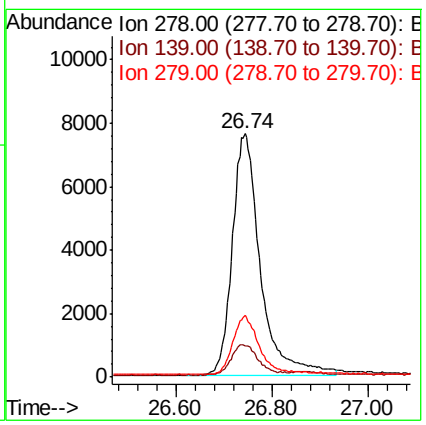


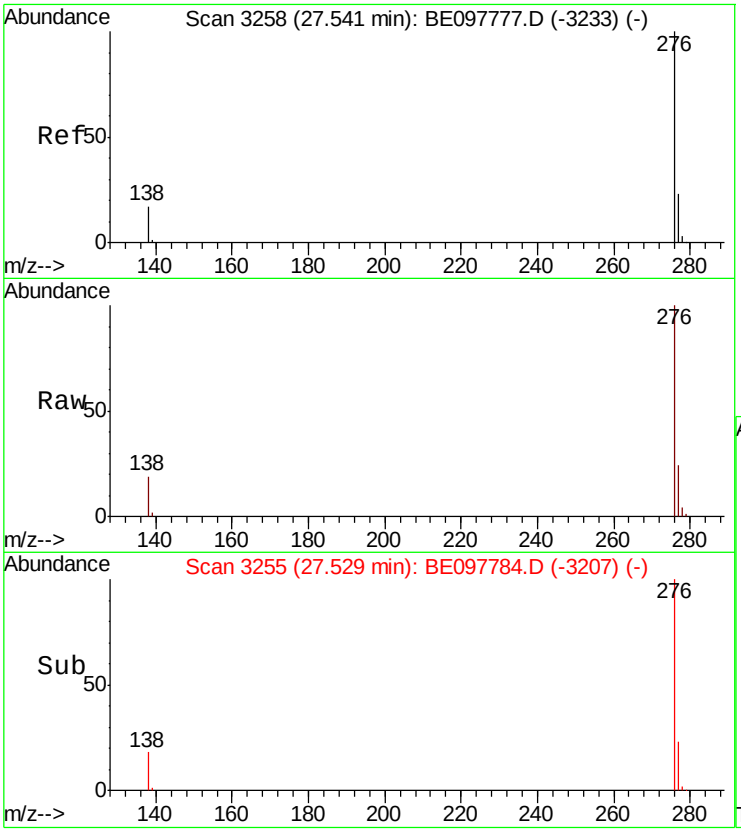


#38
Dibenzo(a,h)anthracene
Concen: 0.486 ng
RT: 26.74 min Scan# 3035
Delta R.T. -0.03 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Tgt Ion:278 Resp: 30769

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.3	15.5
279	25.3	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.505 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.03 min
Lab File: BE097784.D
Acq: 6 Oct 2018 10:01

Instrument :
BNA_E
ClientSampleId :
PB113550BS

Tgt Ion:276 Resp: 33459

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	18.7	14.2	21.2