Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
Data File : BE097349.D
Acq On : 22 Aug 2018 16:05
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 22 16:43:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 16:06:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	884	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4182	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2388	0.40	ng		-0.01
19) Phenanthrene-d10	16.76	188	6285	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8113	0.40	ng		0.00
34) Perylene-d12	23.21	264	7181	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	4061	2.00	ng		-0.01
5) Phenol-d6	6.59	99	5576	1.86	ng		-0.01
8) Nitrobenzene-d5	8.51	82	4925	2.75	ng		-0.01
11) 2-Methylnaphthalene-d10	11.72	152	9483	1.68	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	1404	3.57	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	13979	1.43	ng		0.00
25) Fluoranthene-d10	18.80	212	115923	2.07	ng		0.00
29) Terphenyl-d14	19.42	244	24006	1.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	2330	1.663	ng	#	86
3) n-Nitrosodimethylamine	3.37	42	2429	1.986	ng	#	98
6) bis(2-Chloroethyl)ether	6.83	93	5186	1.735	ng		97
9) Naphthalene	10.19	128	60890	1.588	ng		99
10) Hexachlorobutadiene	10.47	225	2698	1.600	ng		98
12) 2-Methylnaphthalene	11.79	142	9902	1.716	ng		99
16) Acenaphthylene	13.73	152	16002	1.761	ng		99
17) Acenaphthene	14.07	154	10424	1.623	ng		97
18) Fluorene	15.06	166	13336	1.699	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	4718	1.663	ng	#	78
21) Hexachlorobenzene	16.08	284	5180	1.360	ng	#	83
22) Pentachlorophenol	16.43	266	1531	4.097	ng	#	74
23) Phenanthrene	16.80	178	24245	1.582	ng		99
24) Anthracene	16.89	178	21750	1.917	ng		96
26) Fluoranthene	18.83	202	31027	2.101	ng		99
28) Pyrene	19.20	202	31411	1.442	ng		100
30) Benzo(a)anthracene	20.95	228	33442	1.917	ng		96
31) Chrysene	21.00	228	35001	1.531	ng		100
32) Bis(2-ethylhexyl)phthalate	20.92	149	40207	3.787	ng		99
33) Indeno(1,2,3-cd)pyrene	25.49	276	38024	2.617	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	31587	1.668	ng	#	86
36) Benzo(k)fluoranthene	22.57	252	34038	1.281	ng		97
37) Benzo(a)pyrene	23.10	252	29358	1.703	ng	#	93
38) Dibenzo(a,h)anthracene	25.51	278	32428	2.200	ng	#	94
39) Benzo(g,h,i)perylene	26.19	276	32360	2.178	ng	#	90

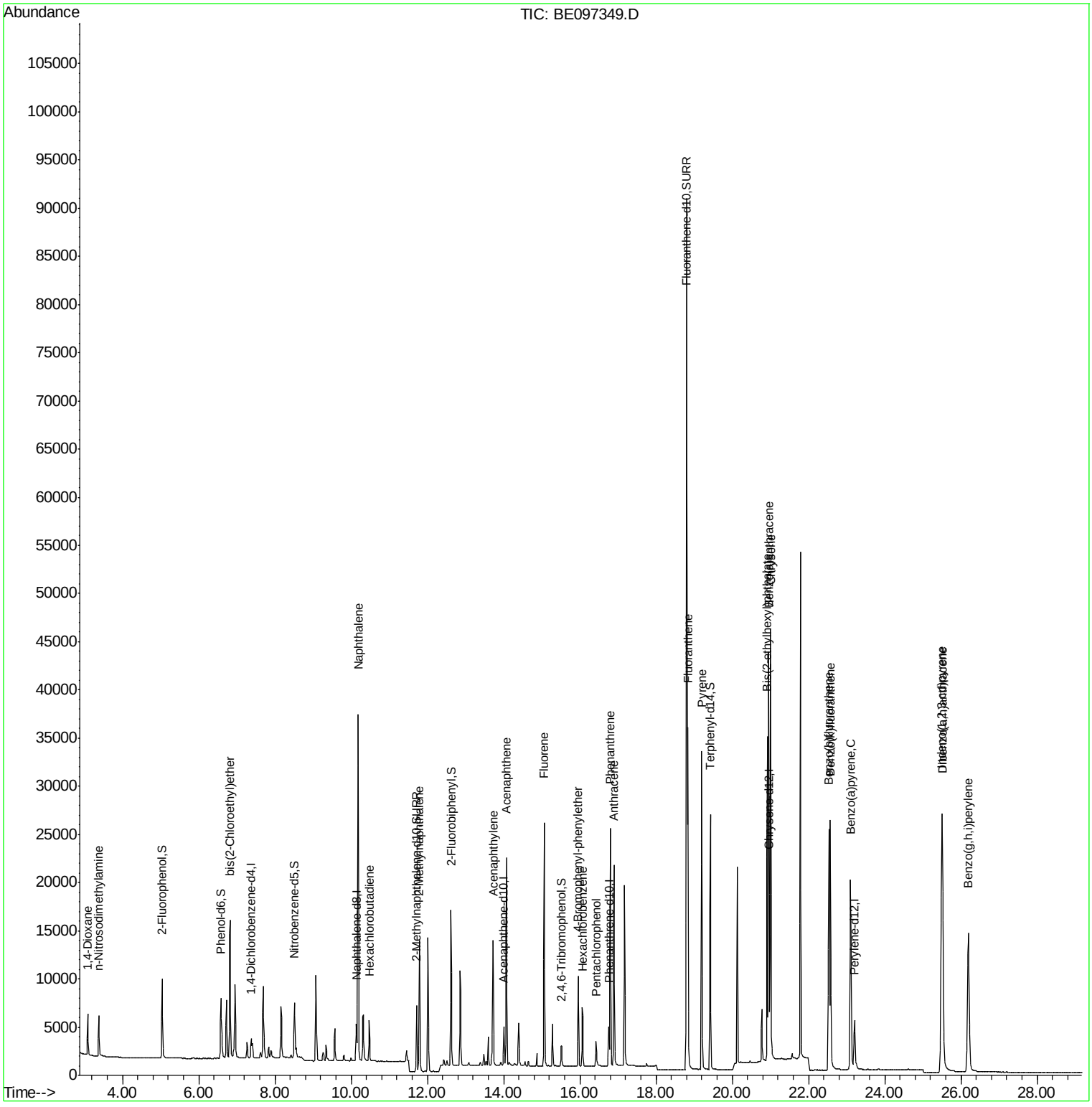
(#) = qualifier out of range (m) = manual integration (+) = signals summed

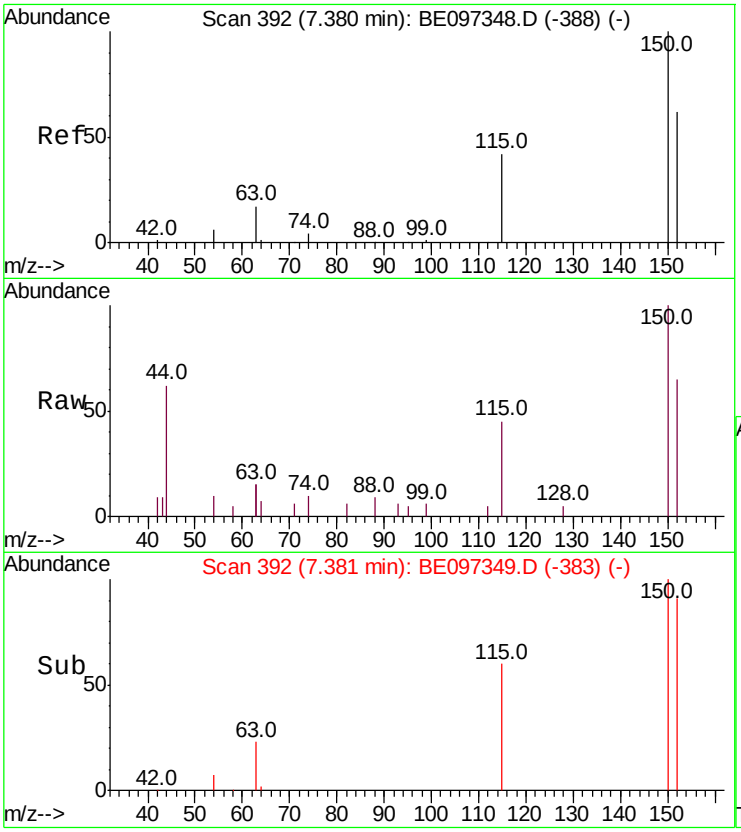
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
Data File : BE097349.D
Acq On : 22 Aug 2018 16:05
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 22 16:43:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 16:06:11 2018
Response via : Initial Calibration



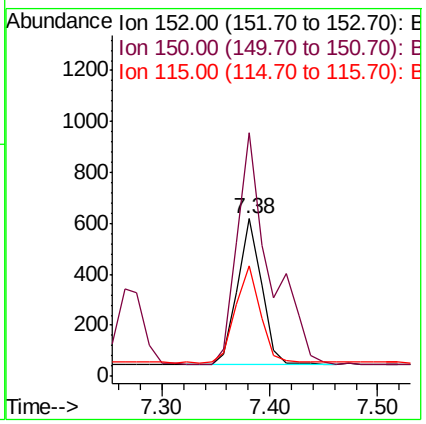


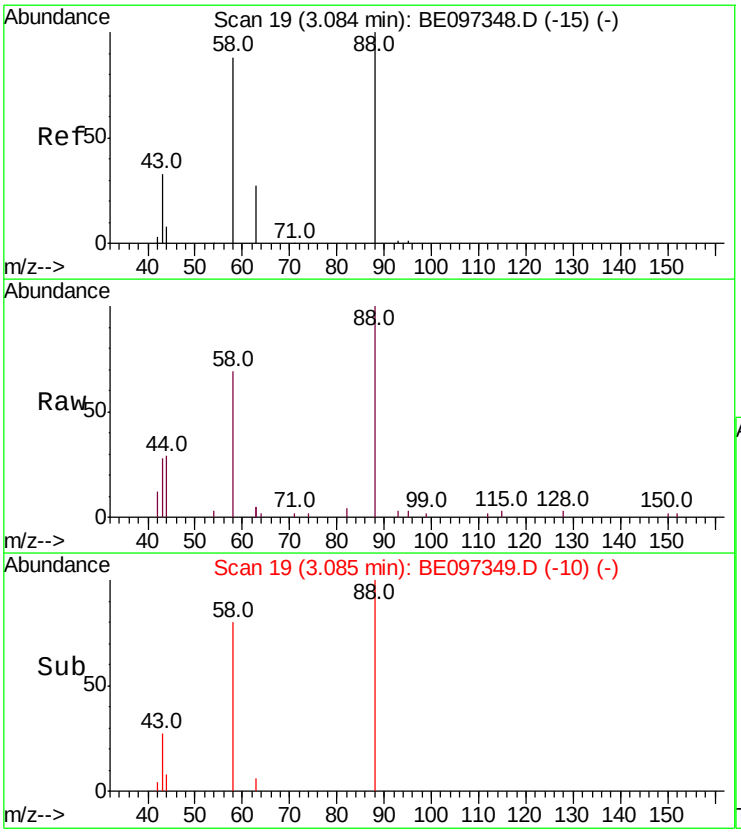
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 884

Ion	Ratio	Lower	Upper
152	100		
150	154.4	117.2	175.8
115	70.1	57.0	85.6

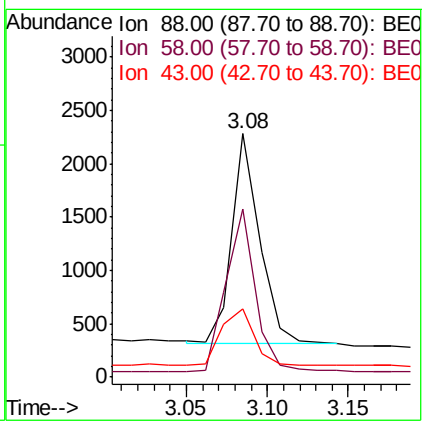


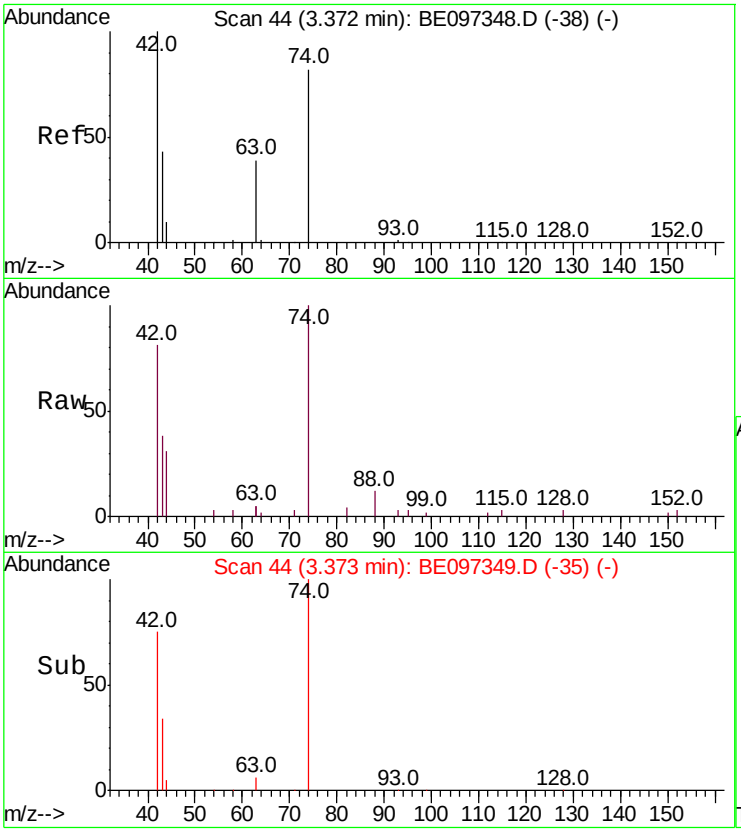


#2
1,4-Dioxane
Concen: 1.663 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion: 88 Resp: 2330

Ion	Ratio	Lower	Upper
88	100		
58	82.5	63.2	94.8
43	31.4	41.2	61.8#

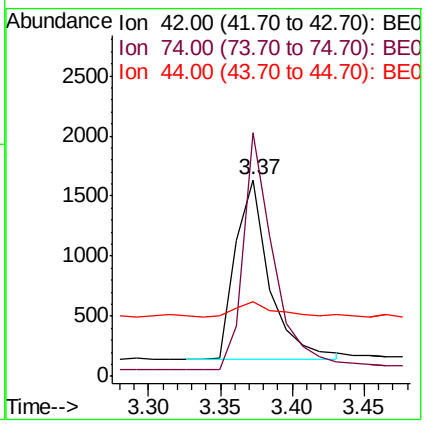




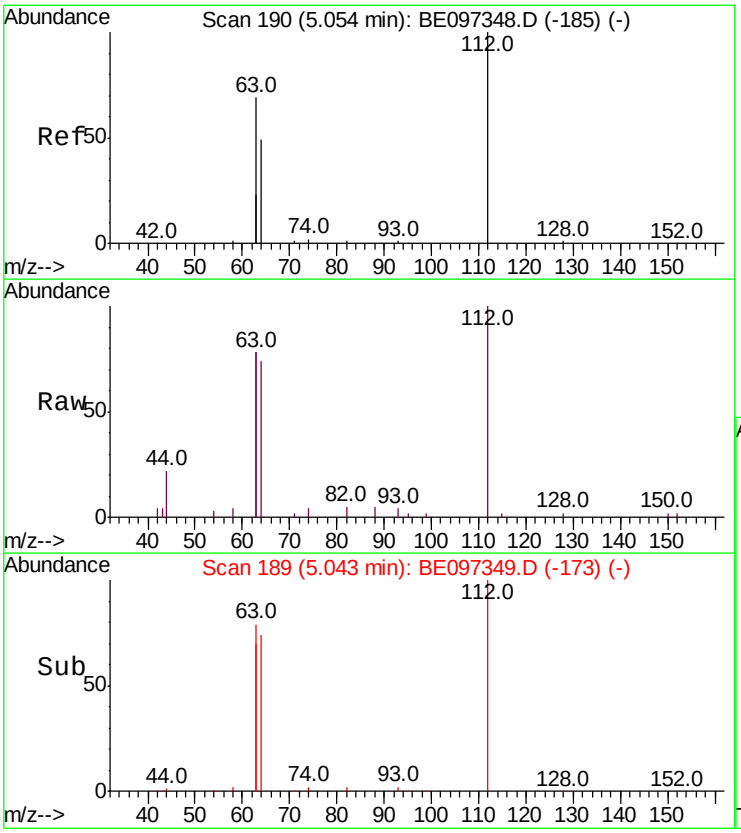
#3
n-Nitrosodimethylamine
Concen: 1.986 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion: 42 Resp: 2429

Ion	Ratio	Lower	Upper
42	100		
74	120.1	96.0	144.0
44	9.5	12.0	18.0#



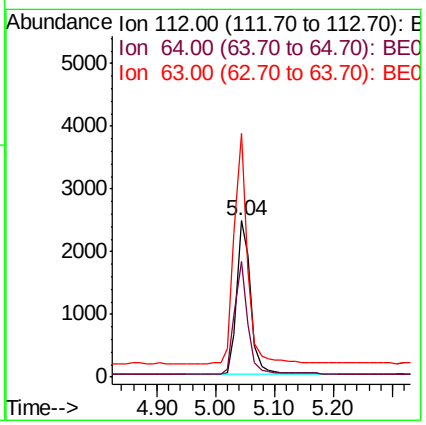
Instrument :
BNA_E
ClientSampleId :

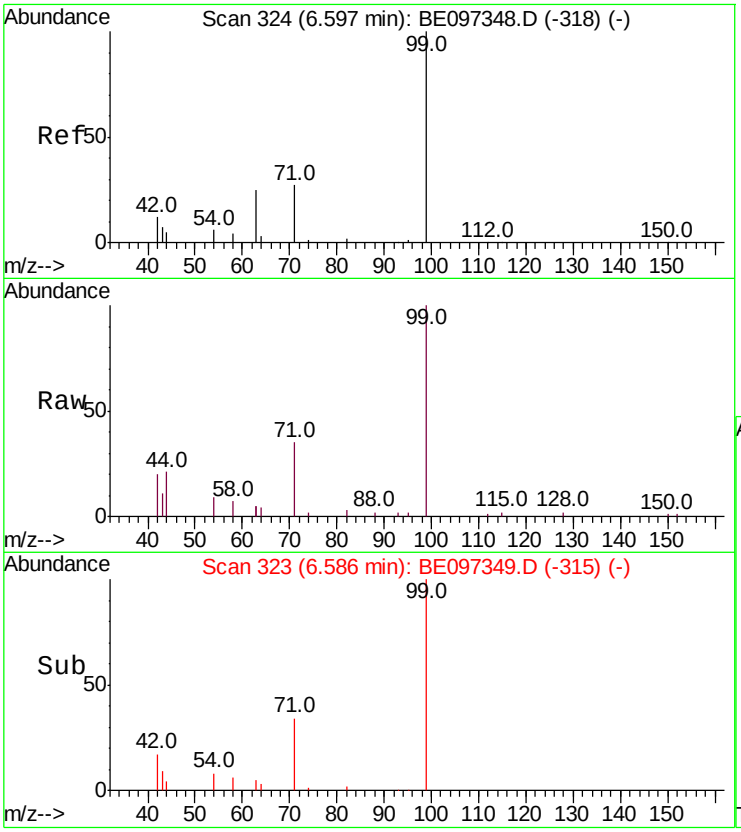


#4
2-Fluorophenol
Concen: 2.005 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.01 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:112 Resp: 4061

Ion	Ratio	Lower	Upper
112	100		
64	68.9	60.1	90.1
63	140.5	116.8	175.2



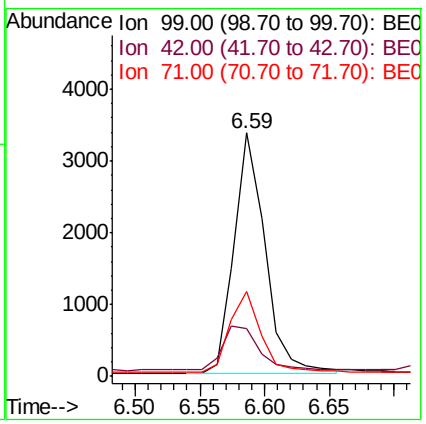


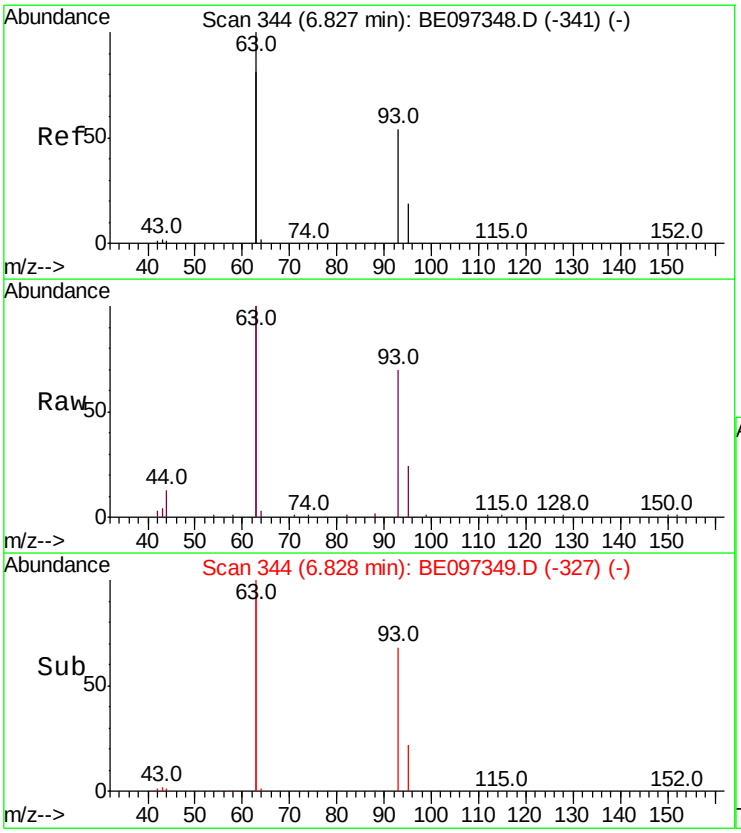
#5
Phenol-d6
Concen: 1.856 ng
RT: 6.59 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5576

Ion	Ratio	Lower	Upper
99	100		
42	21.7	20.2	30.2
71	34.1	28.4	42.6

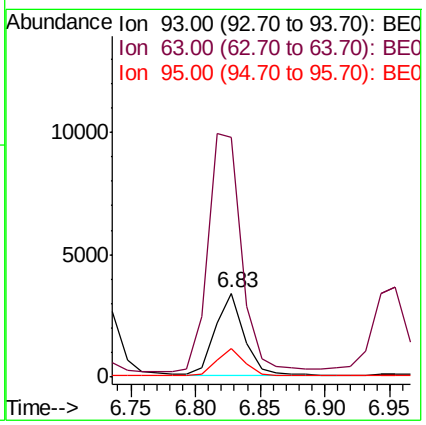


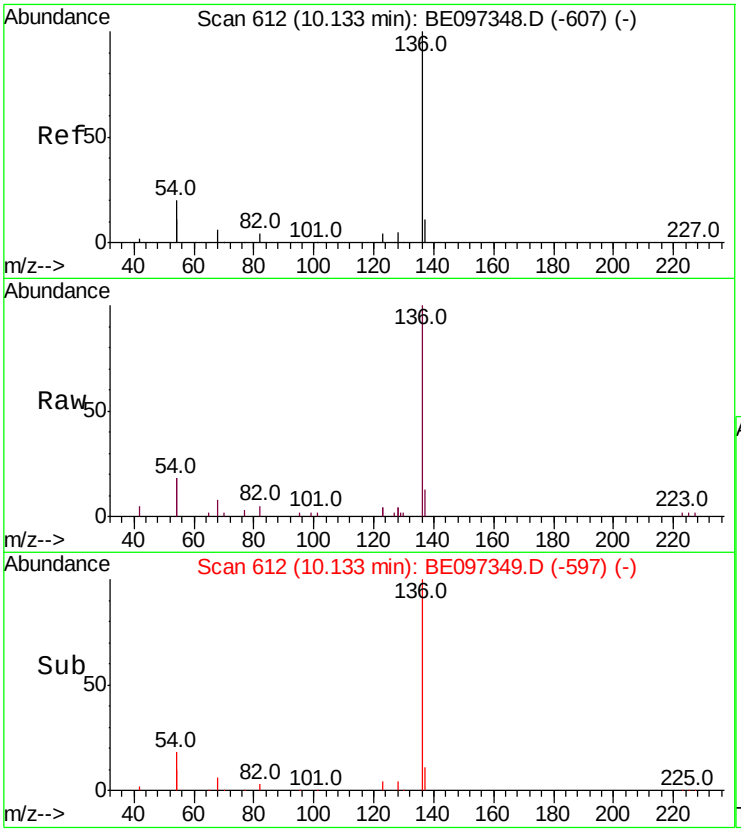


#6
bis(2-Chloroethyl)ether
Concen: 1.735 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion: 93 Resp: 5186

Ion	Ratio	Lower	Upper
93	100		
63	336.7	275.3	412.9
95	32.4	25.2	37.8



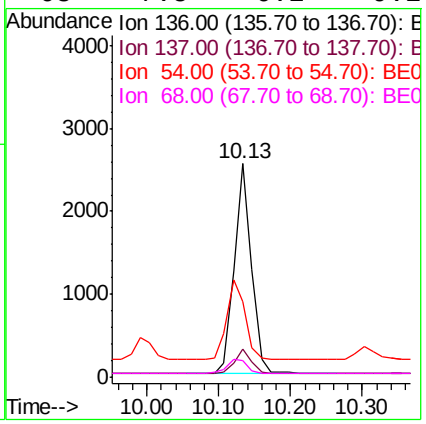


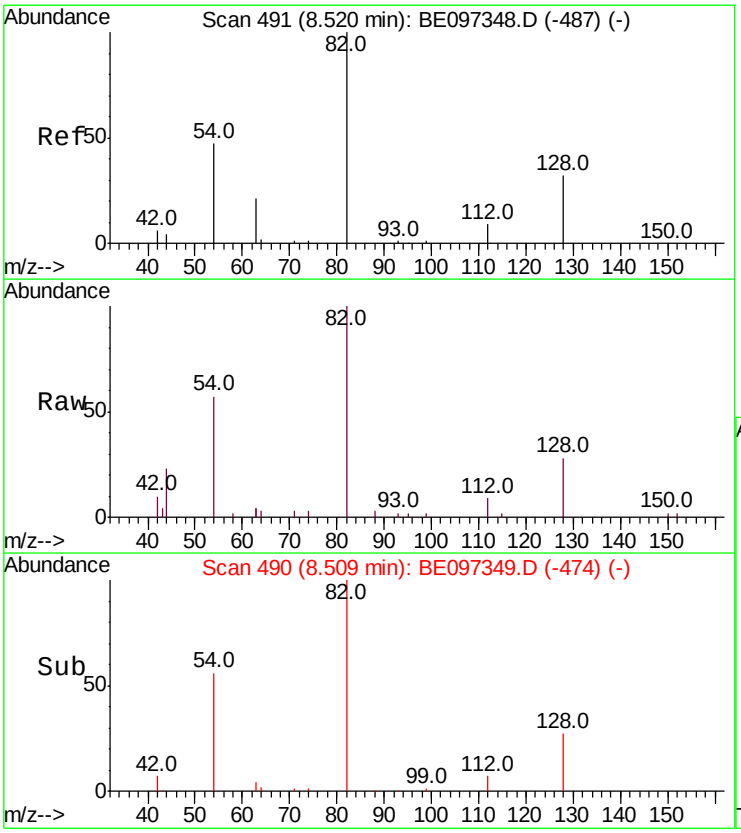
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4182

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	35.4	29.1	43.7
68	7.5	6.2	9.2

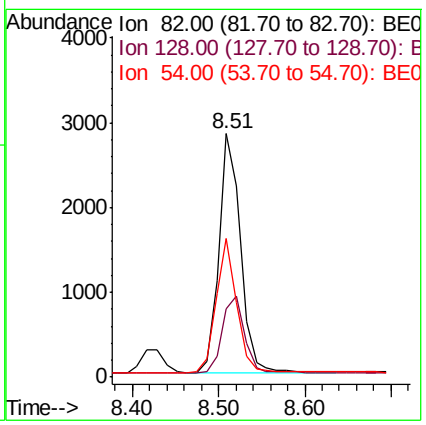


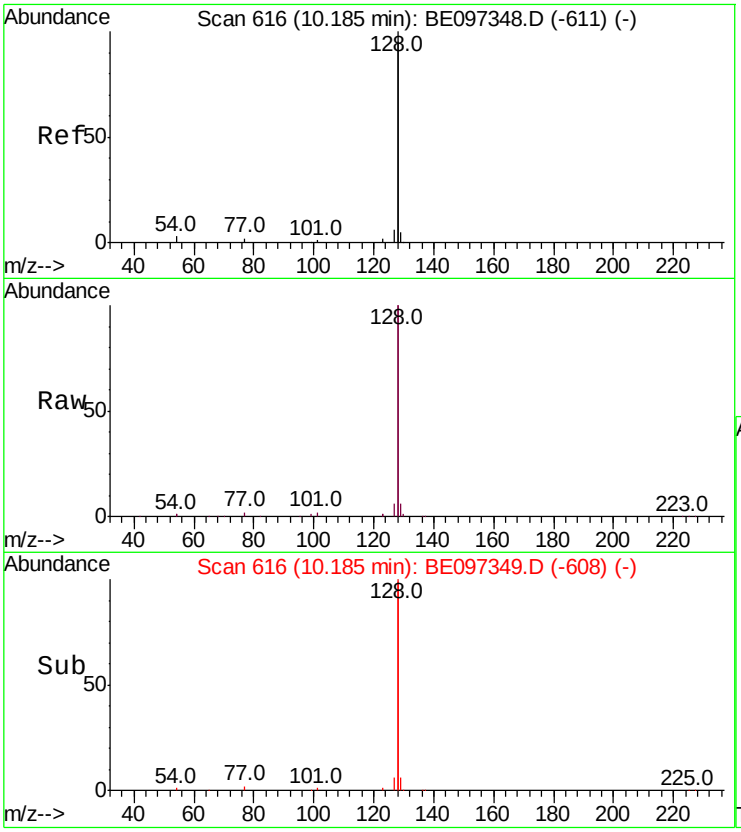


#8
Nitrobenzene-d5
Concen: 2.753 ng
RT: 8.51 min Scan# 490
Delta R.T. -0.01 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion: 82 Resp: 4925

Ion	Ratio	Lower	Upper
82	100		
128	28.0	24.0	36.0
54	56.8	40.0	60.0



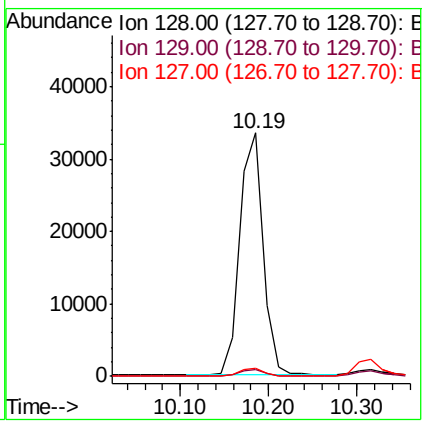


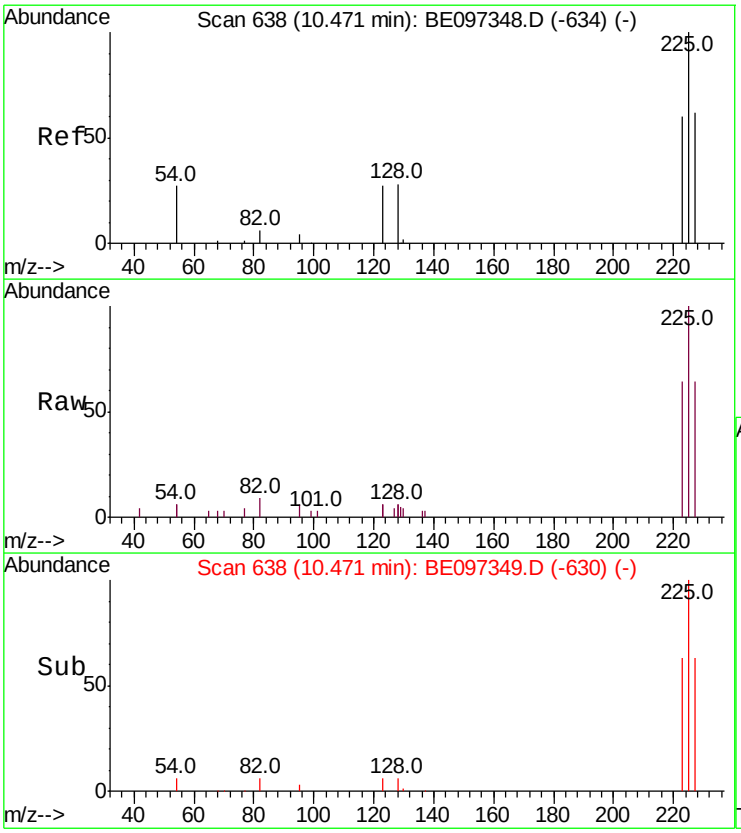
#9
Naphthalene
Concen: 1.588 ng
RT: 10.19 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 60890

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.2	2.8	4.2

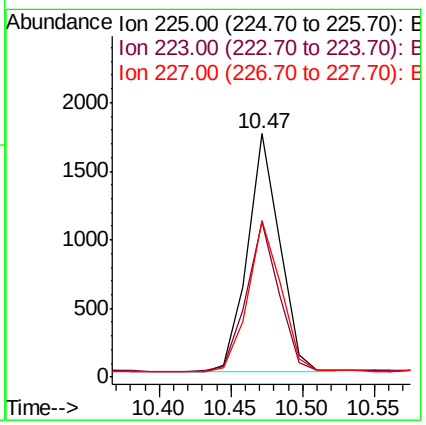


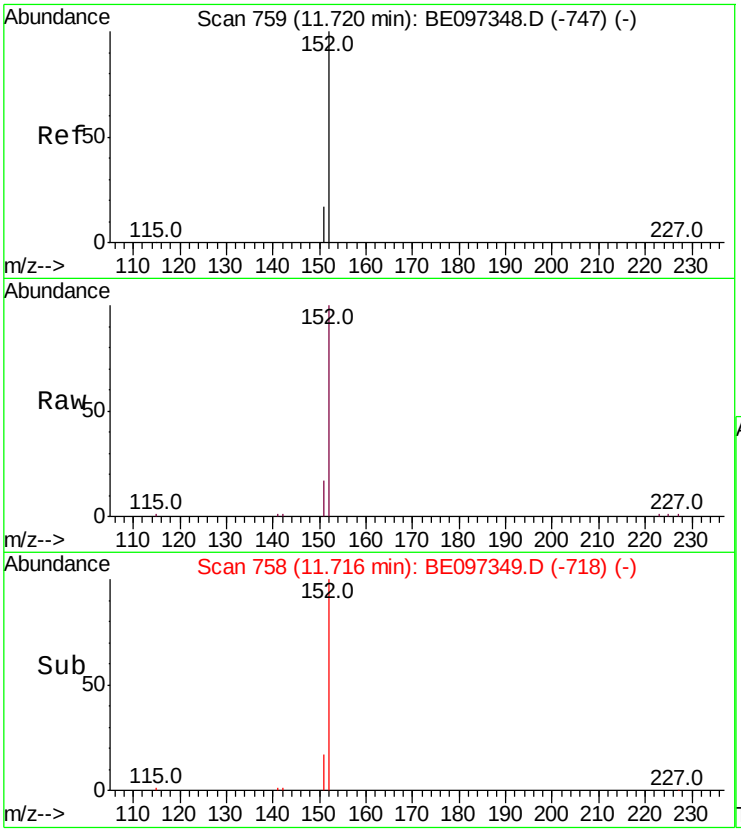


#10
Hexachlorobutadiene
Concen: 1.600 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:225 Resp: 2698

Ion	Ratio	Lower	Upper
225	100		
223	63.3	53.0	79.6
227	64.4	51.4	77.2



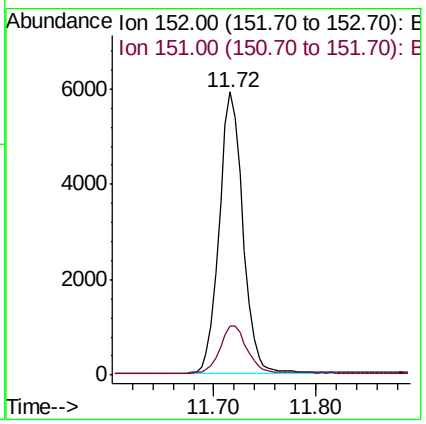


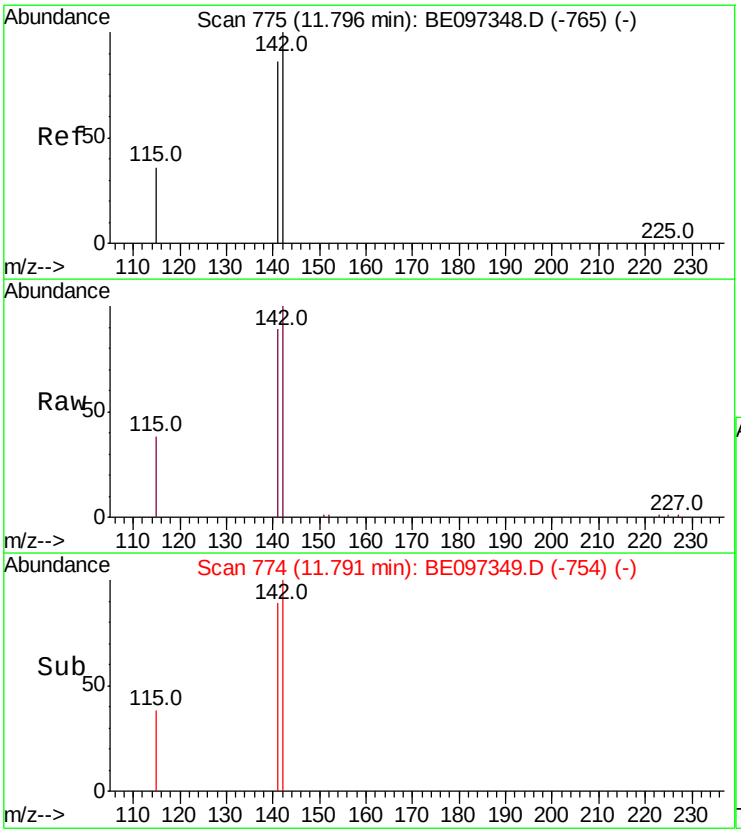
#11
2-Methylnaphthalene-d10
Concen: 1.678 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9483

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

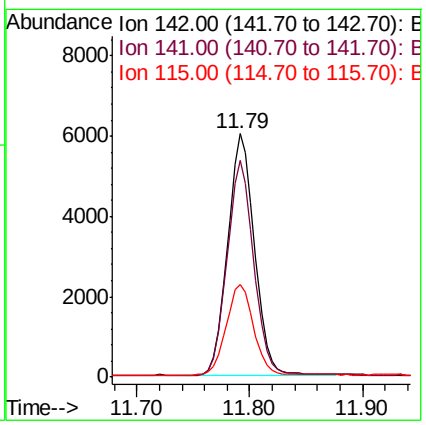


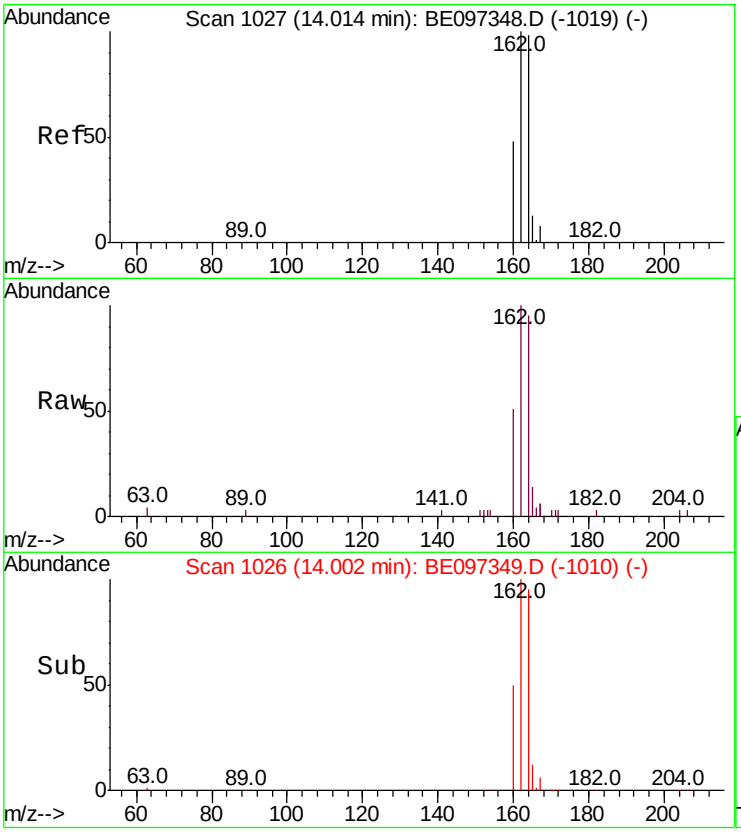


#12
2-Methylnaphthalene
Concen: 1.716 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:142 Resp: 9902

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	38.2	31.7	47.5



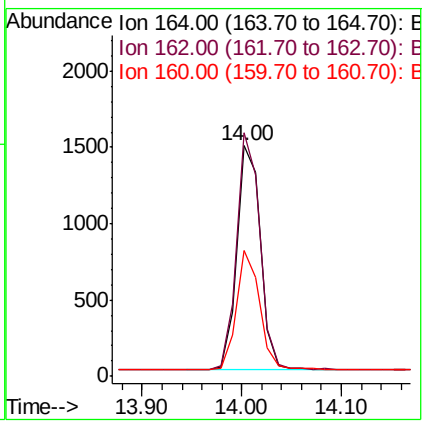


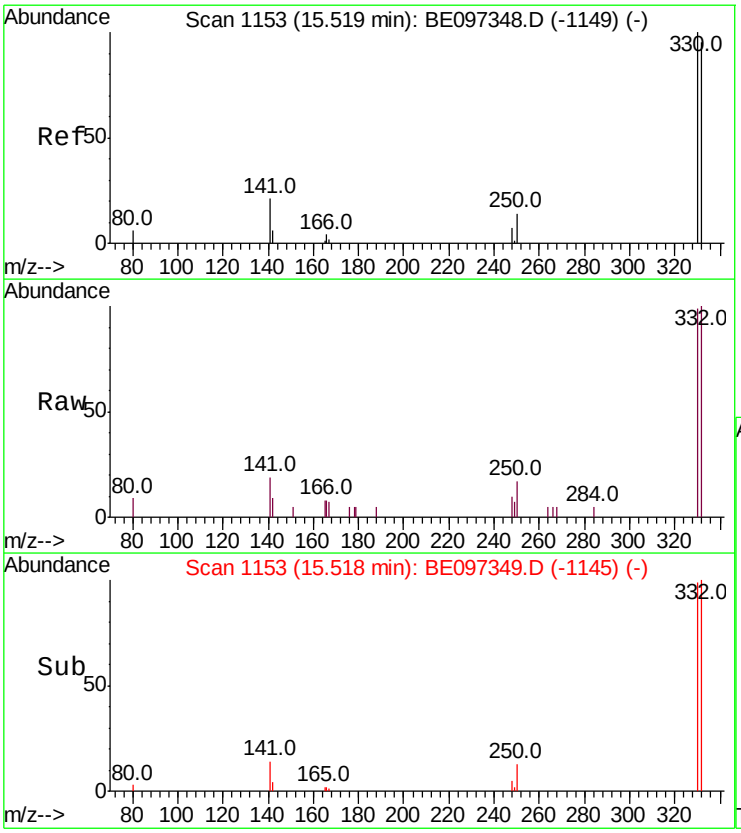
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2388

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.1	124.7
160	54.3	37.1	55.7

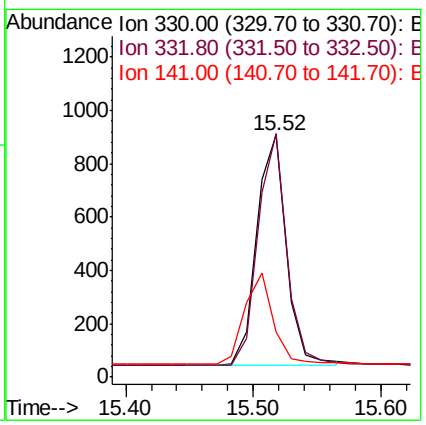


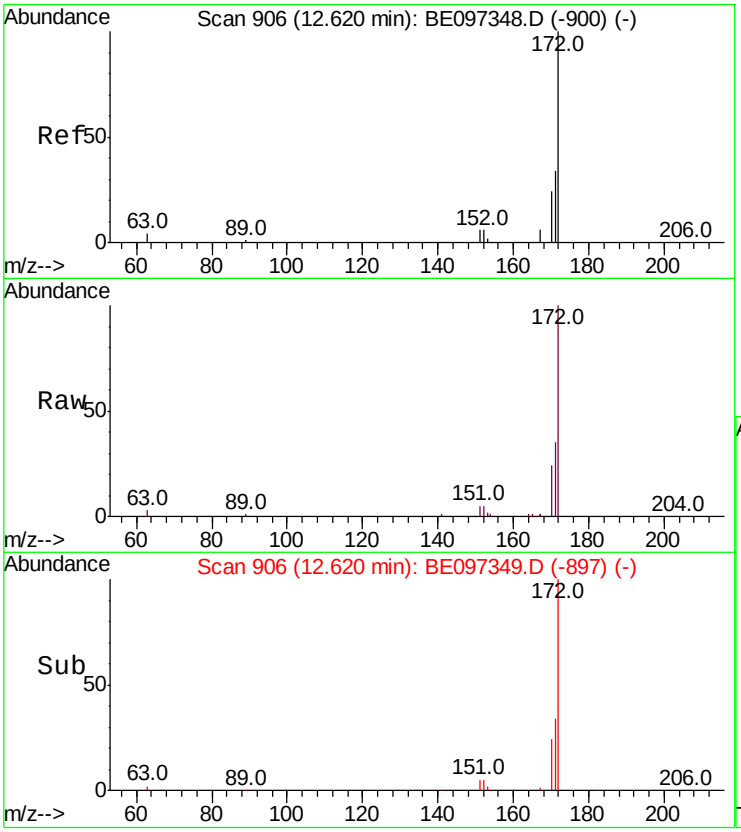


#14
2,4,6-Tribromophenol
Concen: 3.570 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:330 Resp: 1404

Ion	Ratio	Lower	Upper
330	100		
332	97.7	152.7	229.1#
141	38.0	33.7	50.5



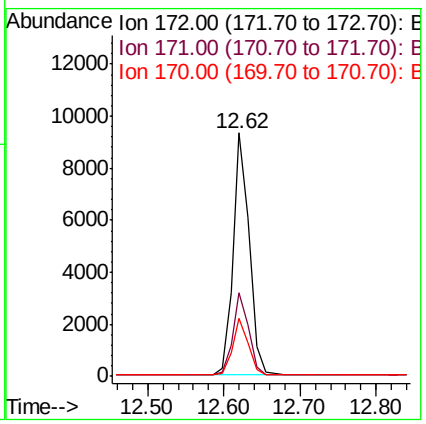


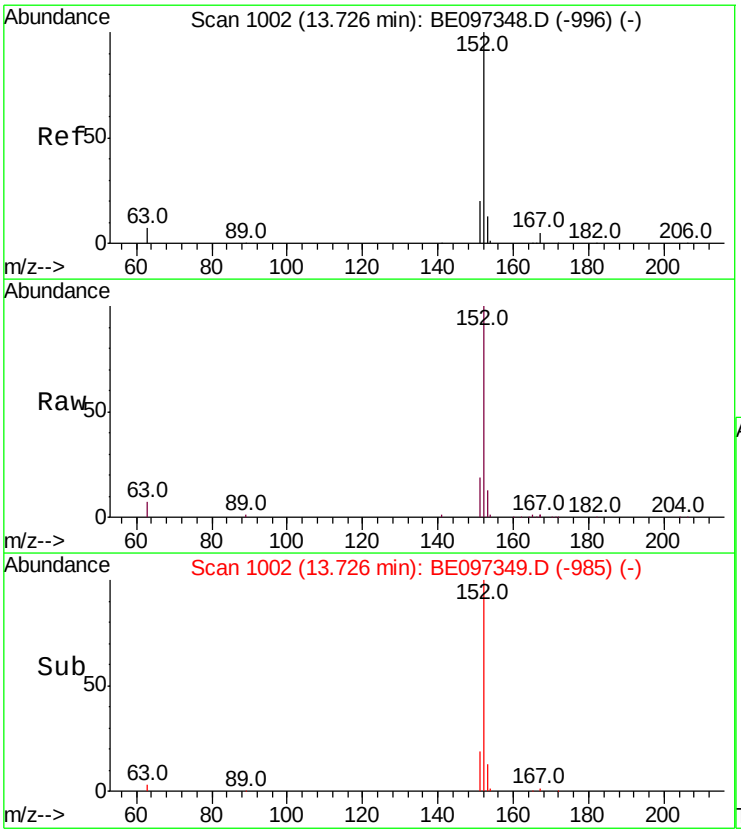
#15
2-Fluorobiphenyl
Concen: 1.428 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 13979

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.9	44.9
170	24.0	21.8	32.8

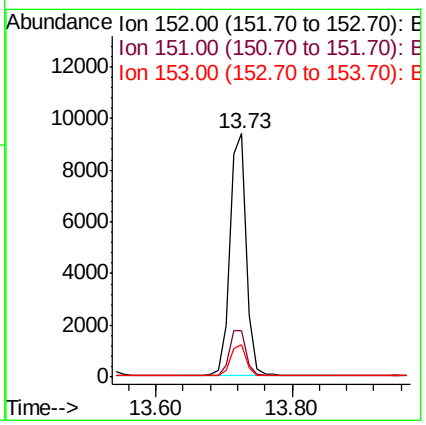


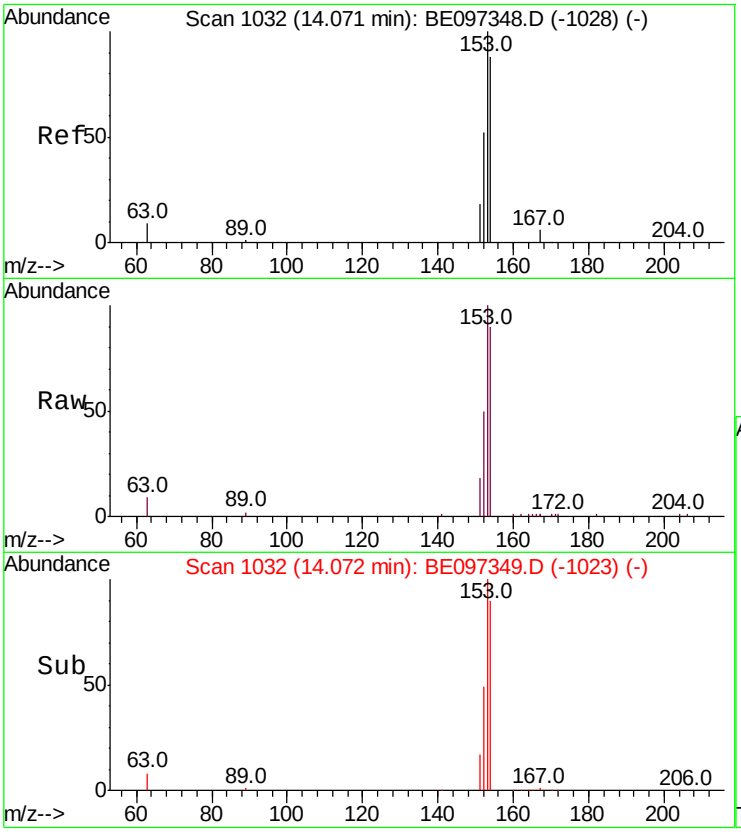


#16
Acenaphthylene
Concen: 1.761 ng
RT: 13.73 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:152 Resp: 16002

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.7	10.5	15.7



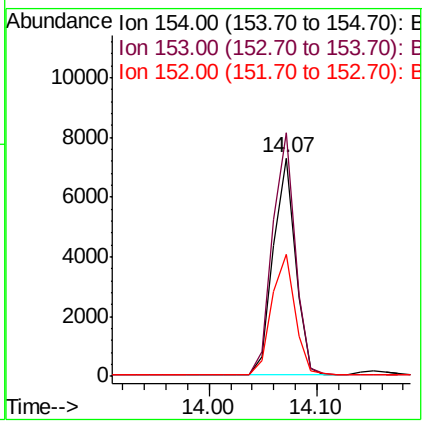


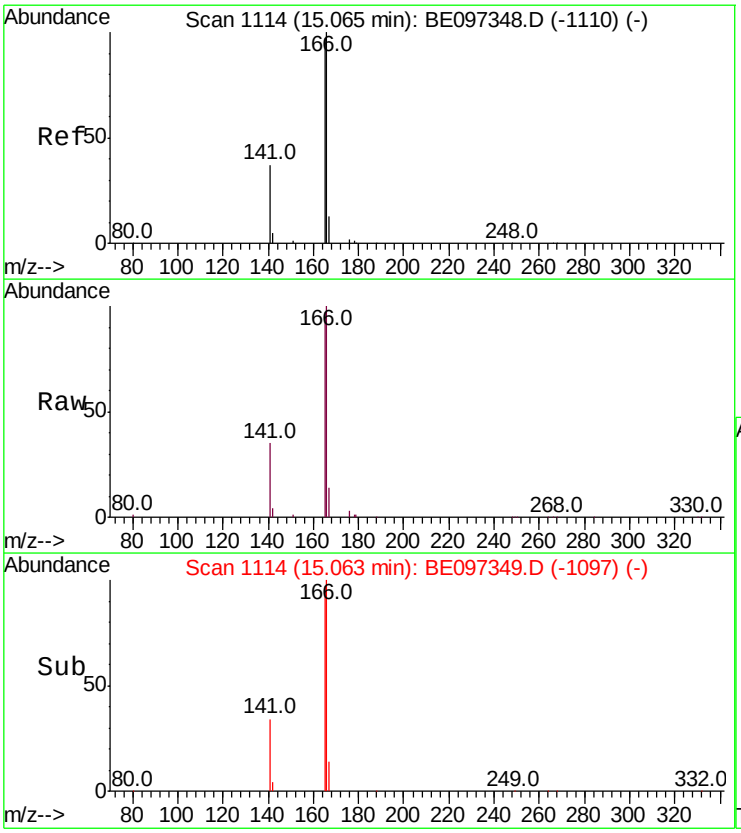
#17
Acenaphthene
Concen: 1.623 ng
RT: 14.07 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10424

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.2	133.8
152	57.7	42.0	63.0

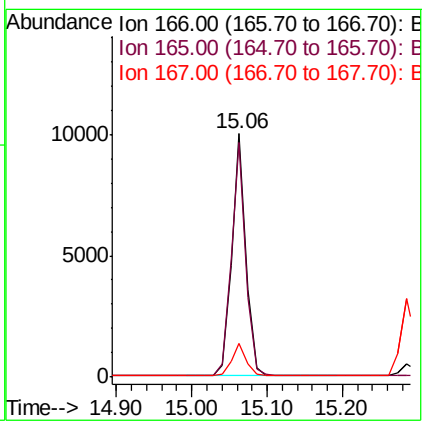


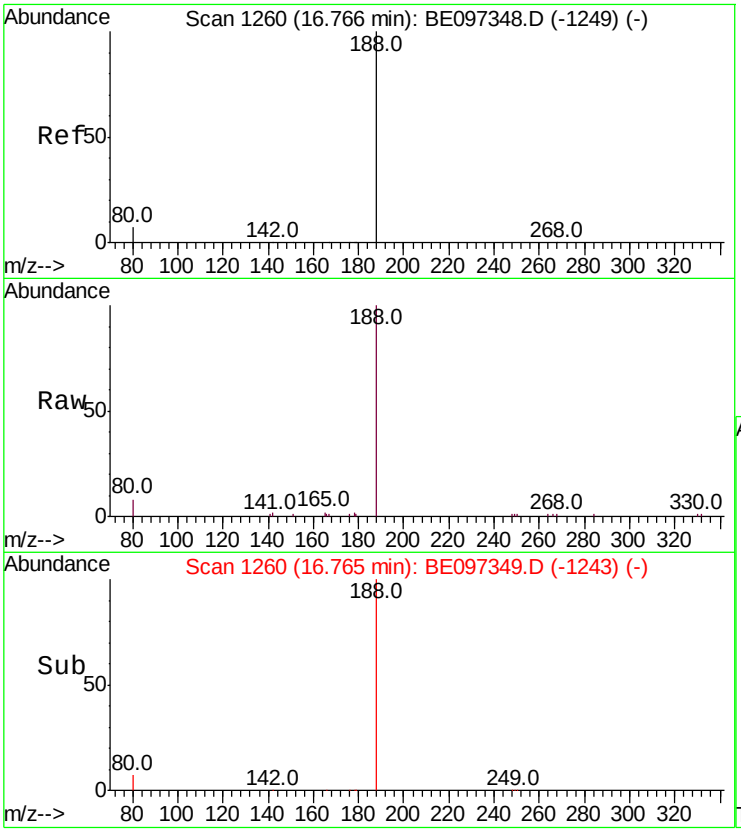


#18
Fluorene
Concen: 1.699 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:166 Resp: 13336

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	13.4	42.4	63.6#



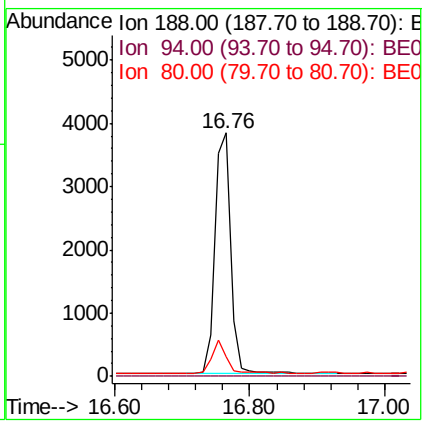


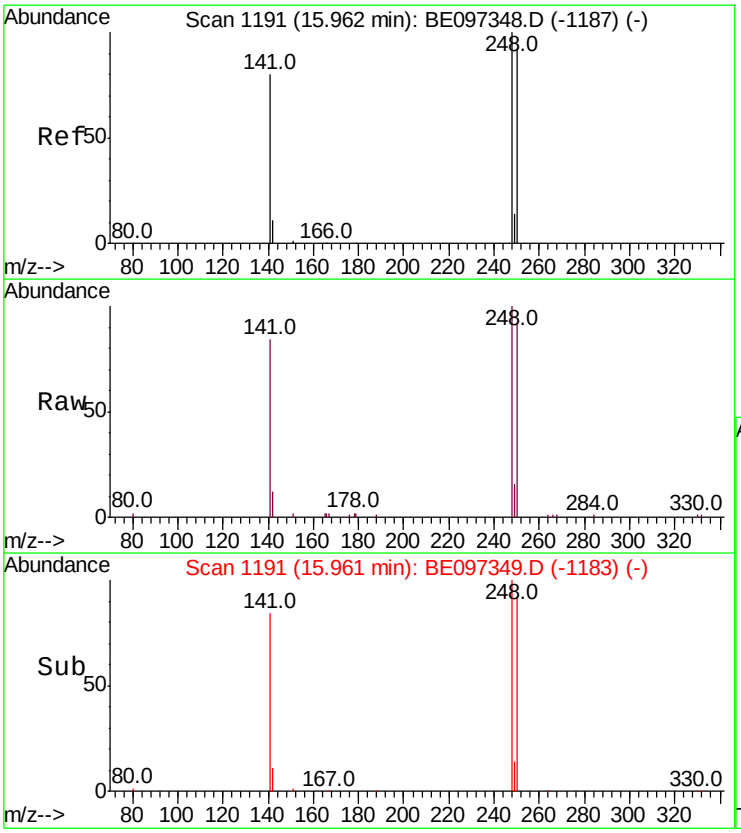
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6285

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.1	3.6	5.4#

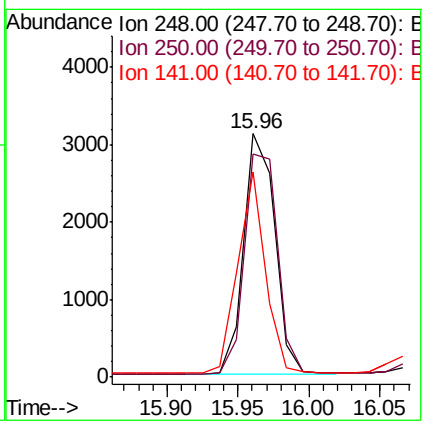


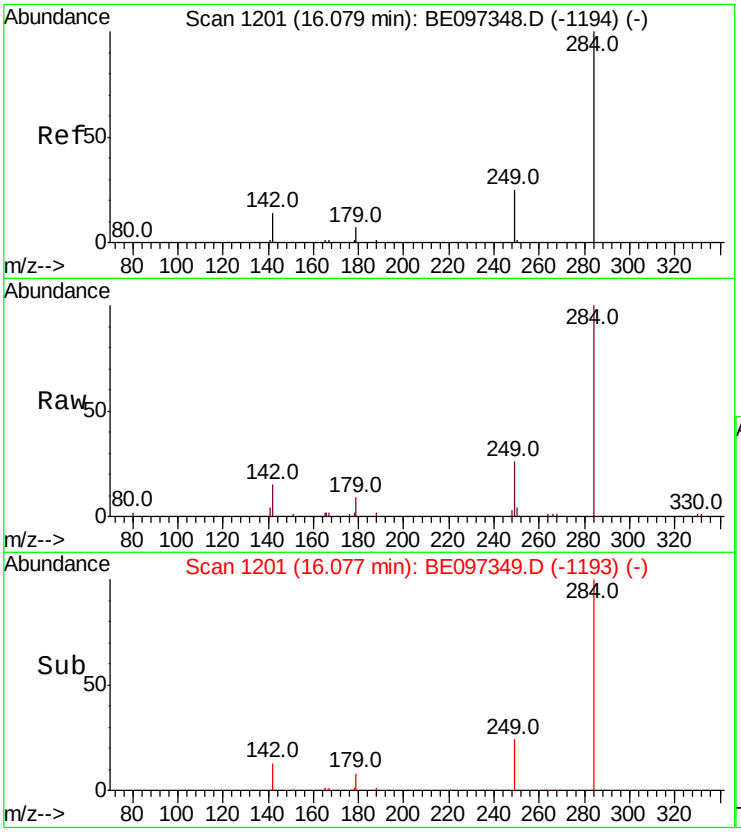


#20
4-Bromophenyl-phenylether
Concen: 1.663 ng
RT: 15.96 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:248 Resp: 4718

Ion	Ratio	Lower	Upper
248	100		
250	91.7	62.7	94.1
141	84.3	48.2	72.2#



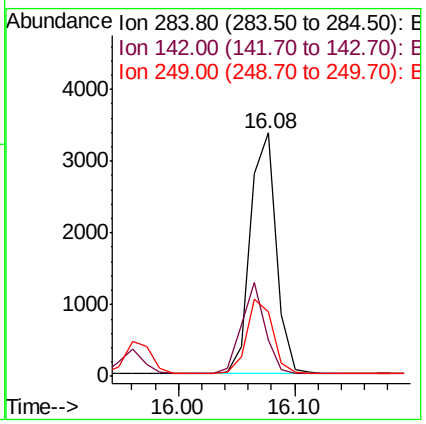


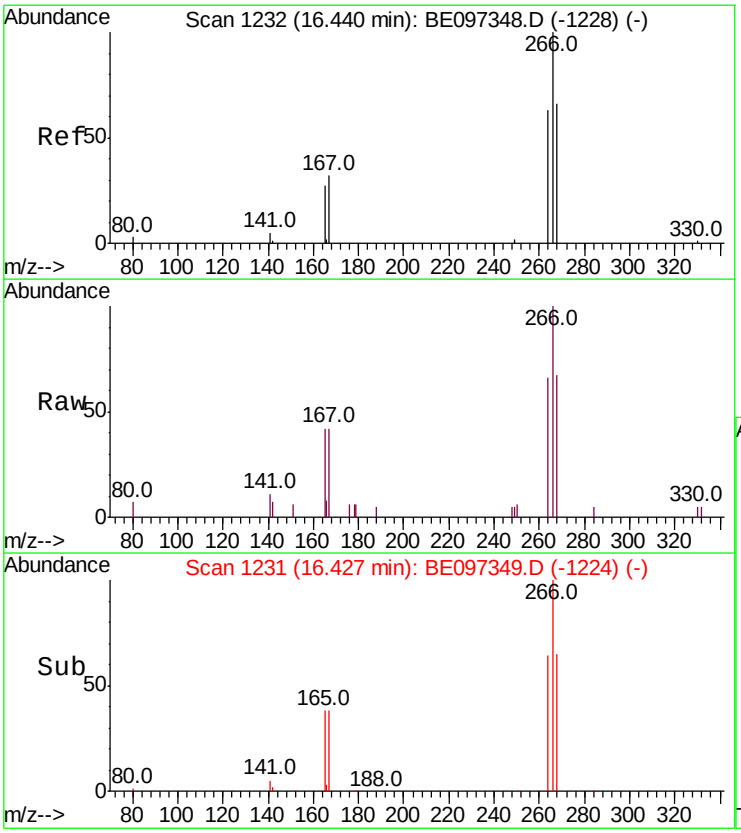
#21
Hexachlorobenzene
Concen: 1.360 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 5180

Ion	Ratio	Lower	Upper
284	100		
142	33.7	22.1	33.1#
249	30.8	34.8	52.2#

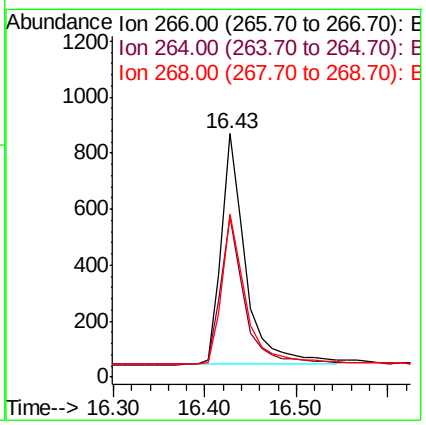


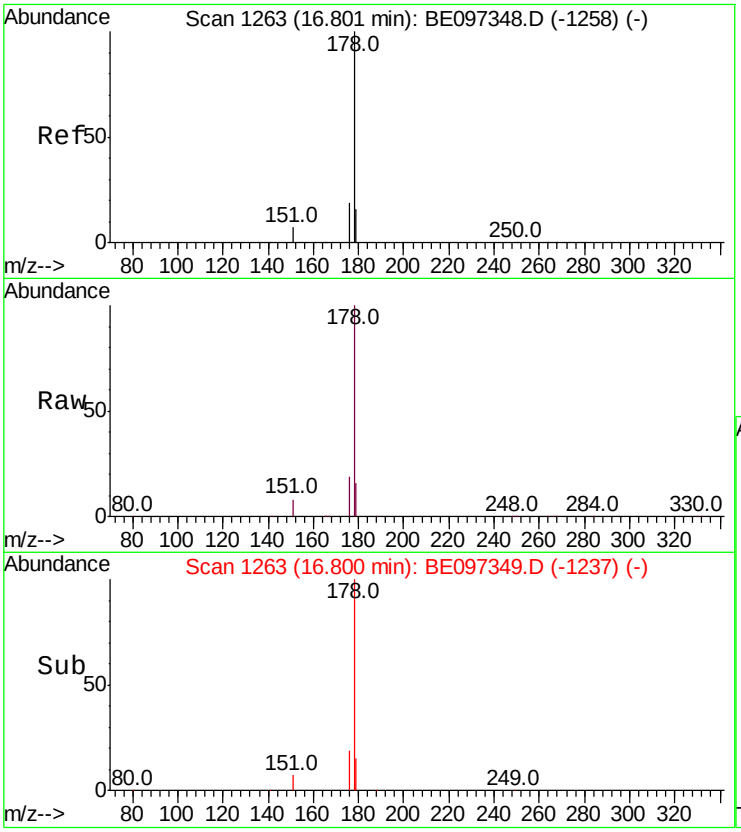


#22
Pentachlorophenol
Concen: 4.097 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:266 Resp: 1531

Ion	Ratio	Lower	Upper
266	100		
264	65.8	72.5	108.7#
268	66.7	73.8	110.6#



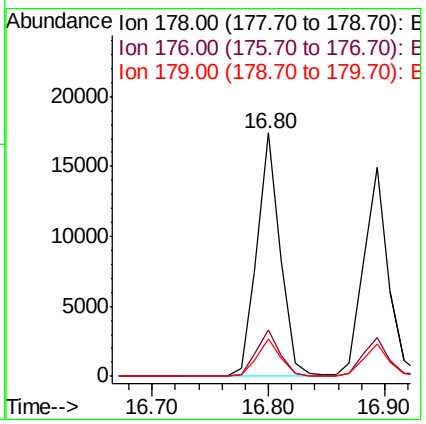


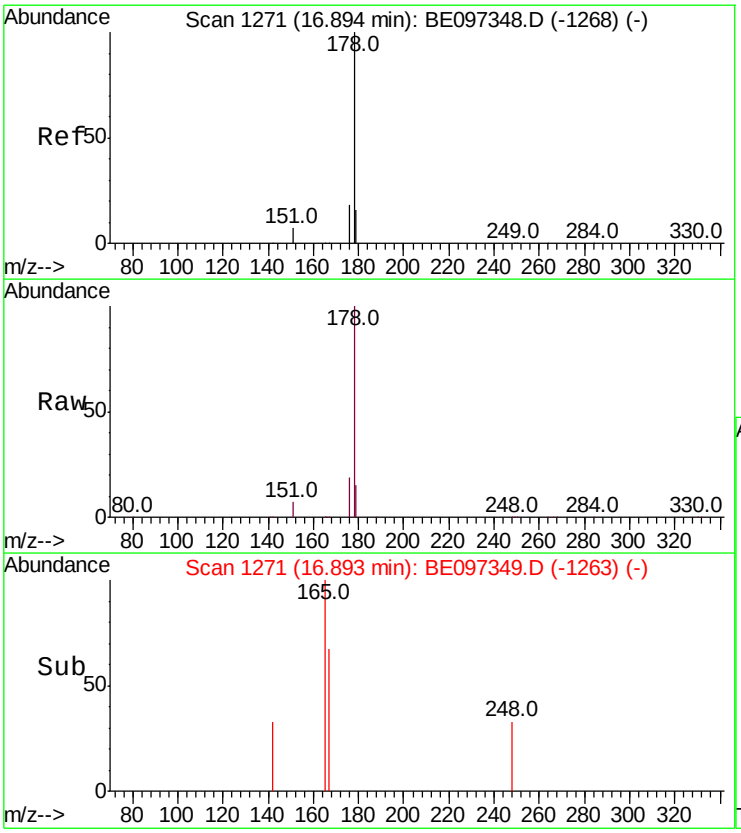
#23
Phenanthrene
Concen: 1.582 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 24245

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.1	11.8	17.6

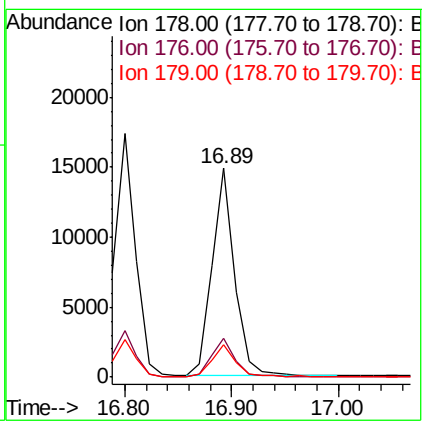


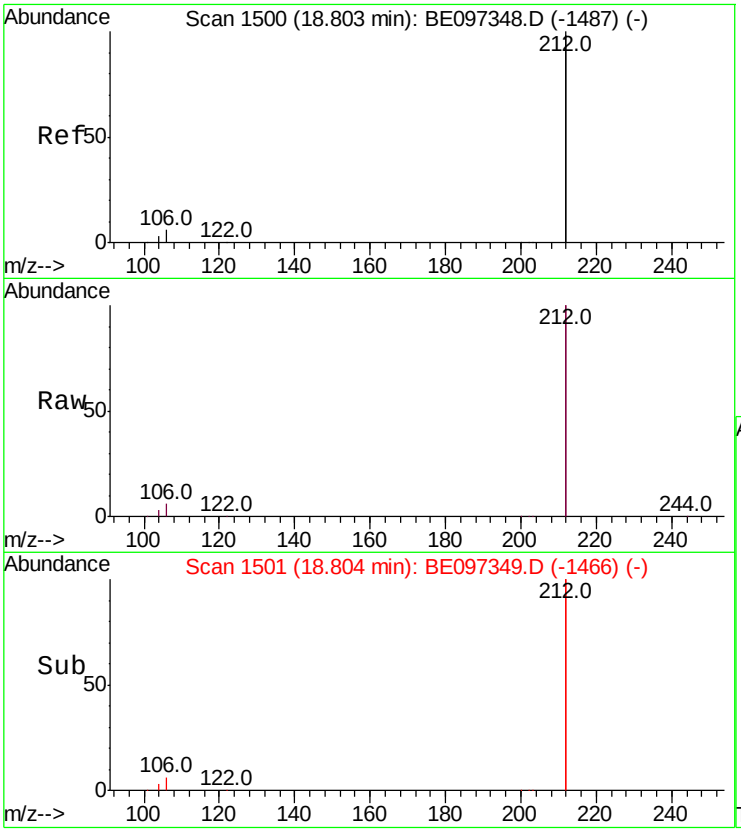


#24
Anthracene
Concen: 1.917 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:178 Resp: 21750

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	15.4	13.0	19.6



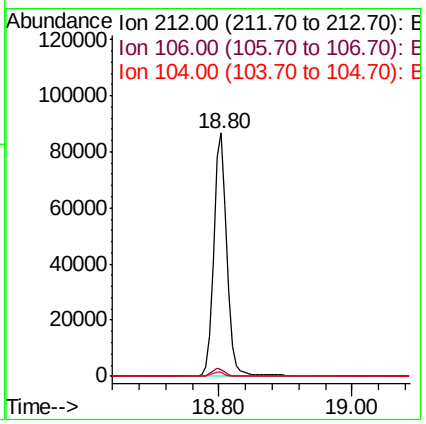


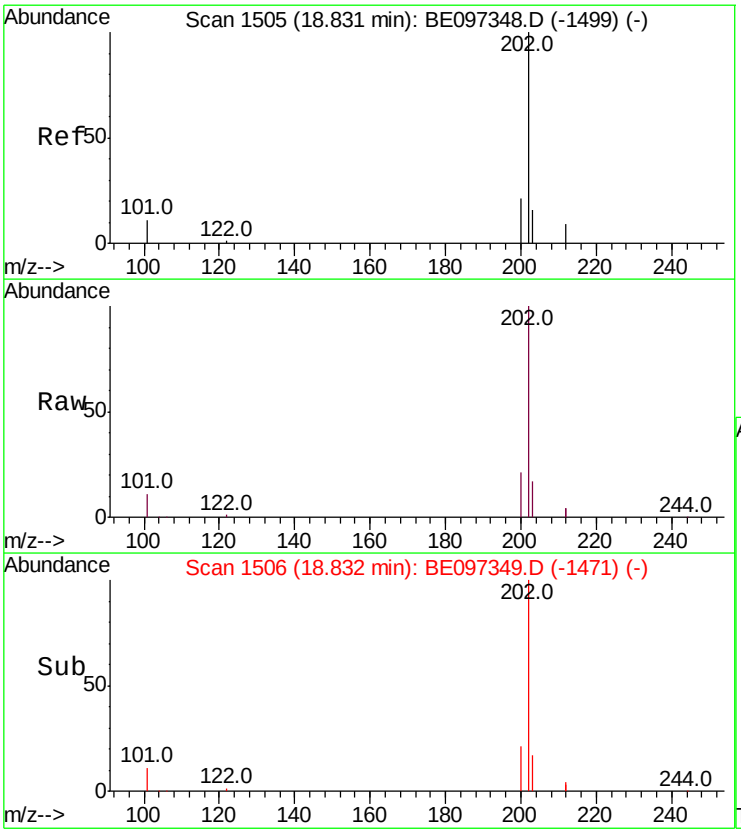
#25
Fluoranthene-d10
Concen: 2.067 ng
RT: 18.80 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 115923

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

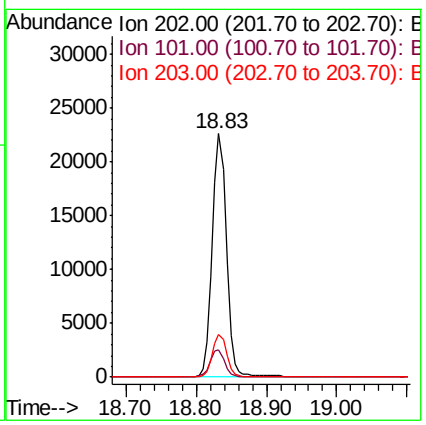


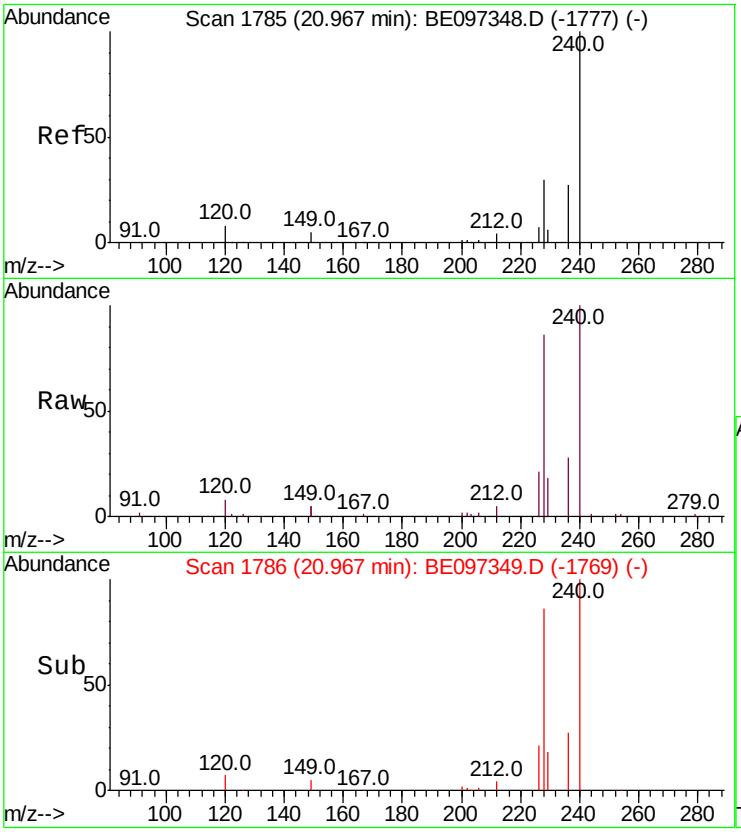


#26
Fluoranthene
Concen: 2.101 ng
RT: 18.83 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:202 Resp: 31027

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.8
203	17.2	13.7	20.5



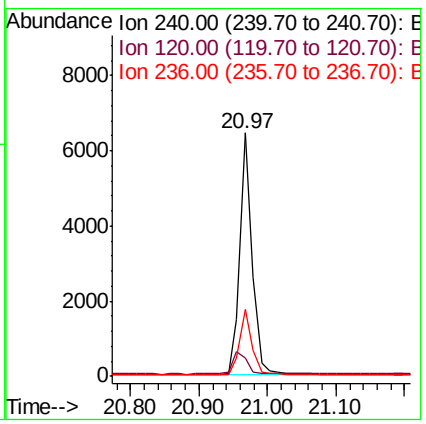


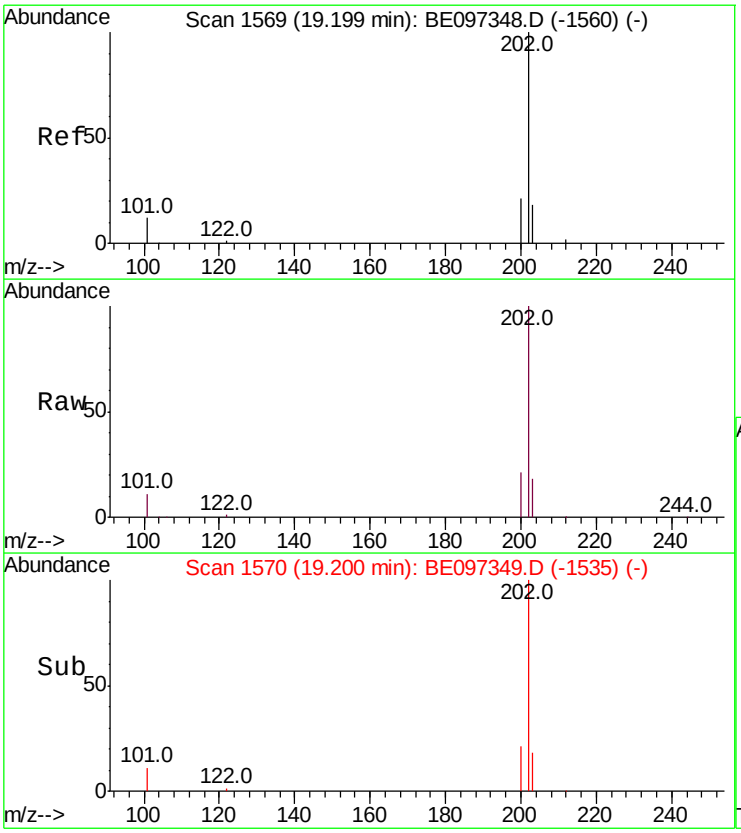
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8113

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.5	8.3
236	27.7	20.7	31.1

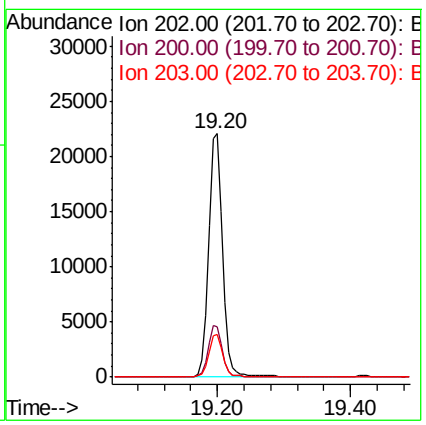


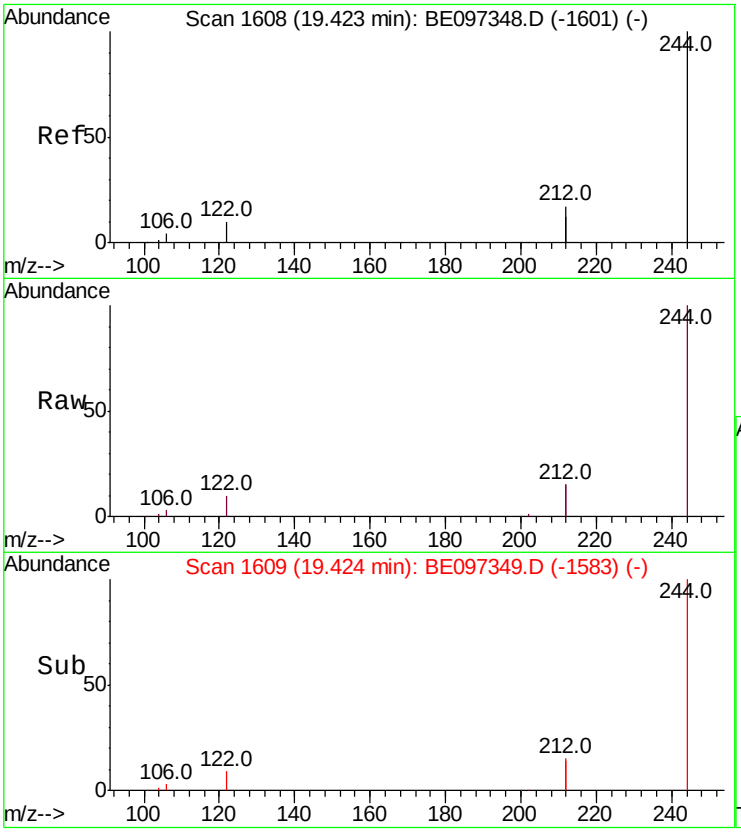


#28
Pyrene
Concen: 1.442 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:202 Resp: 31411

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.4	13.8	20.8



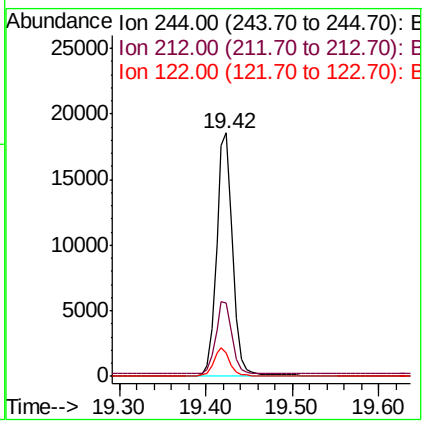


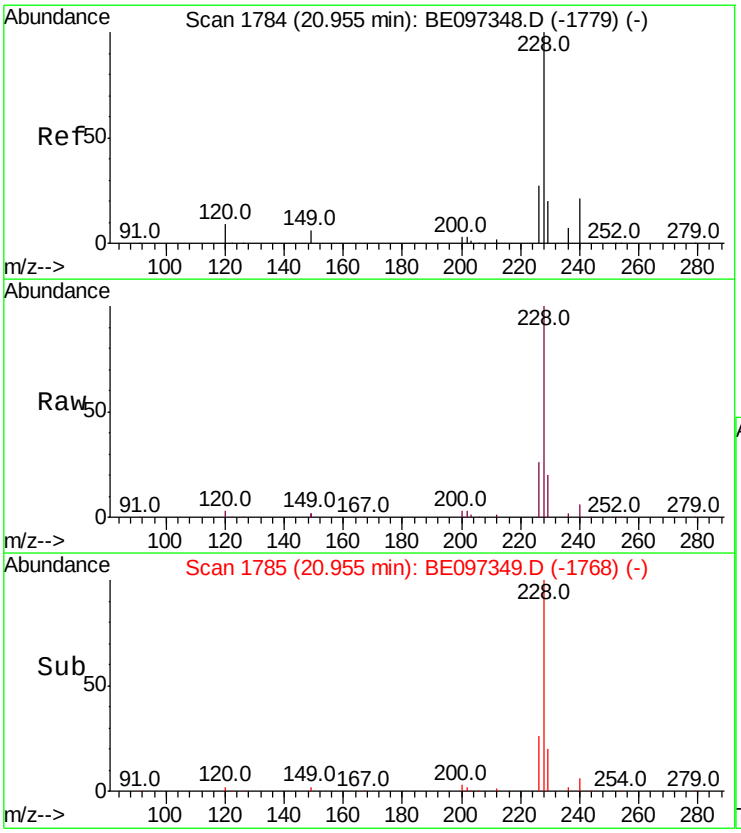
#29
Terphenyl-d14
Concen: 1.478 ng
RT: 19.42 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 24006

Ion	Ratio	Lower	Upper
244	100		
212	30.4	25.4	38.0
122	9.6	8.1	12.1

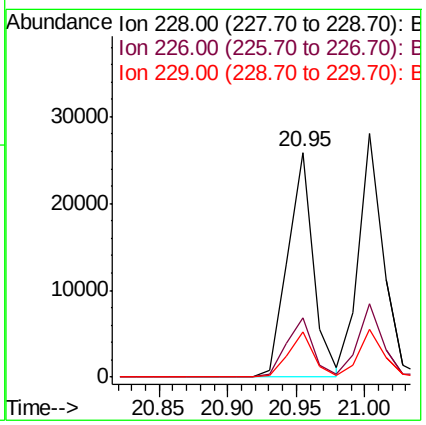


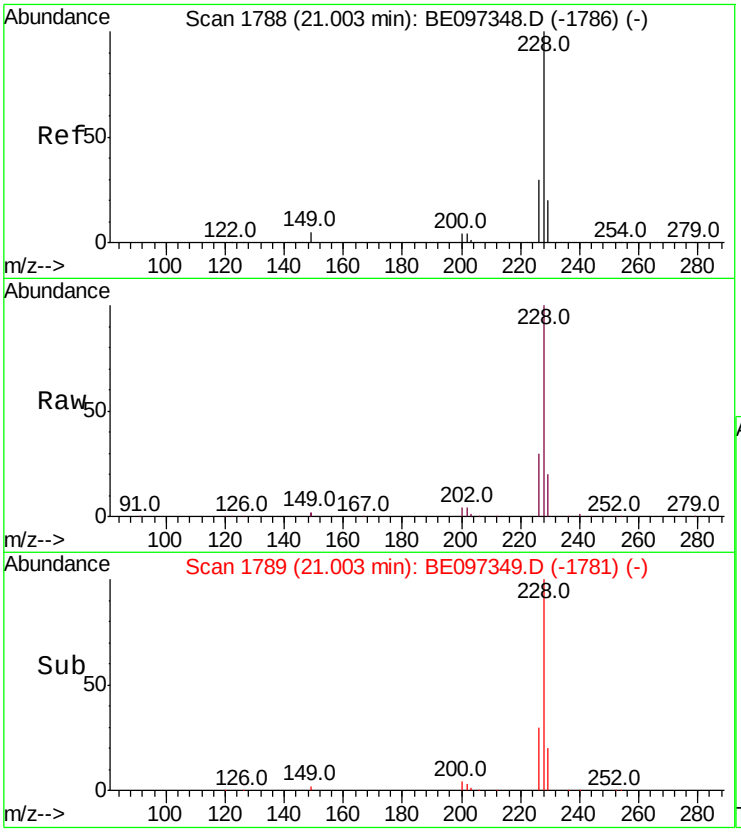


#30
Benzo(a)anthracene
Concen: 1.917 ng
RT: 20.95 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:228 Resp: 33442

Ion	Ratio	Lower	Upper
228	100		
226	26.4	24.0	36.0
229	20.0	16.0	24.0



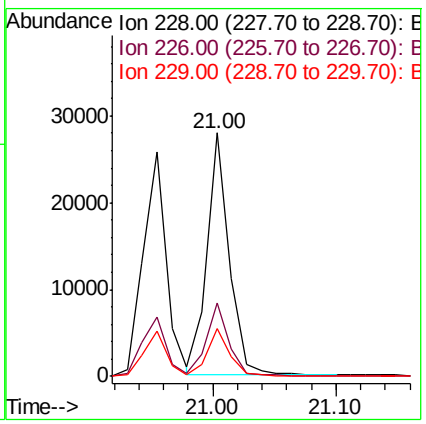


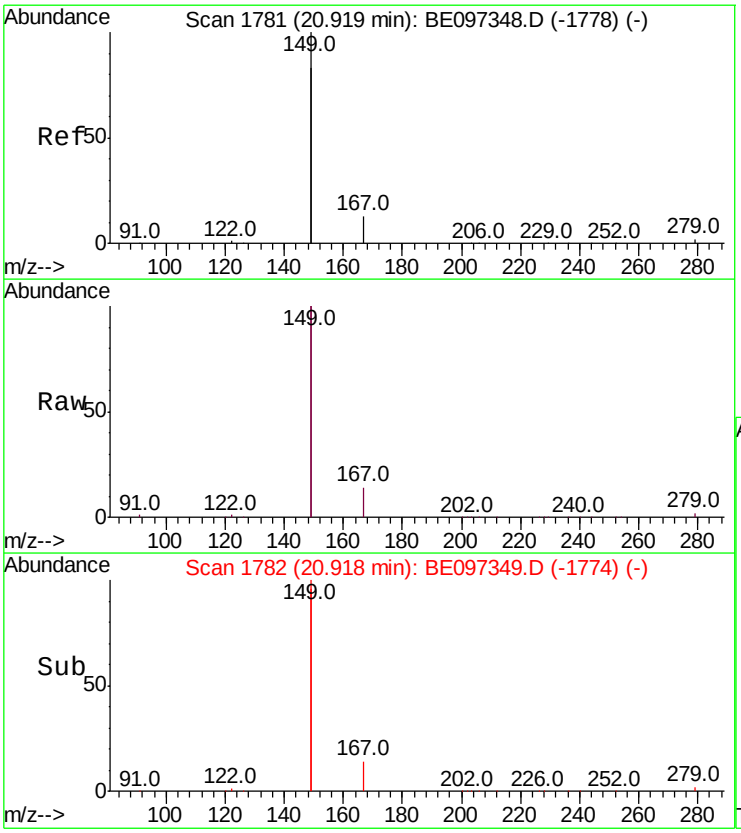
#31
Chrysene
Concen: 1.531 ng
RT: 21.00 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 35001

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.8	16.0	24.0

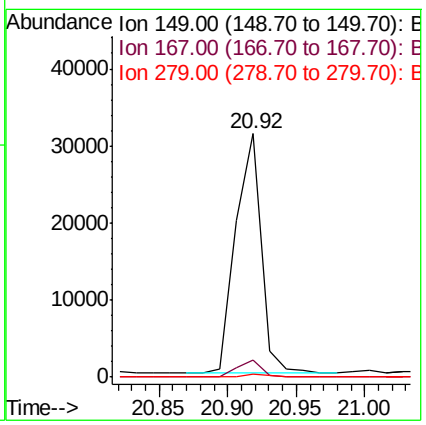


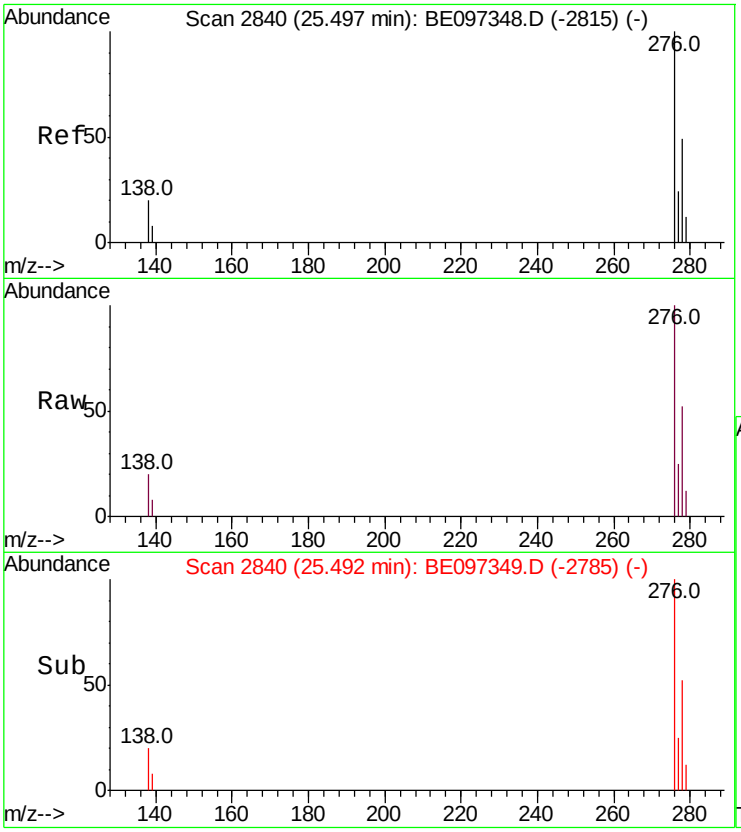


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.787 ng
RT: 20.92 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:149 Resp: 40207

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1



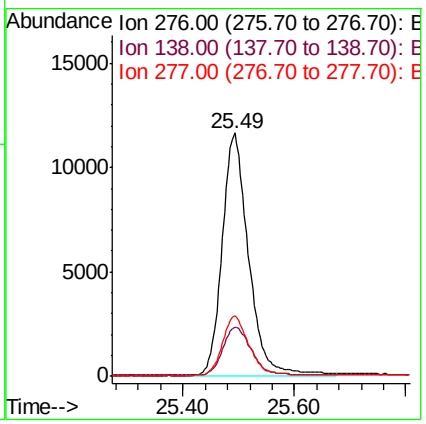


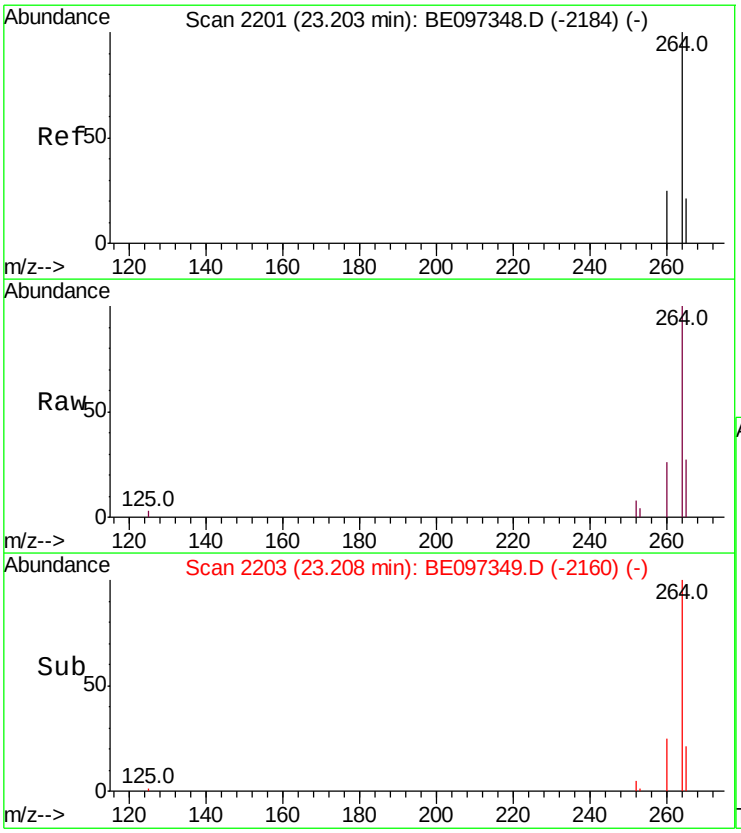
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.617 ng
RT: 25.49 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 38024

Ion	Ratio	Lower	Upper
276	100		
138	21.5	22.5	33.7#
277	24.9	19.9	29.9

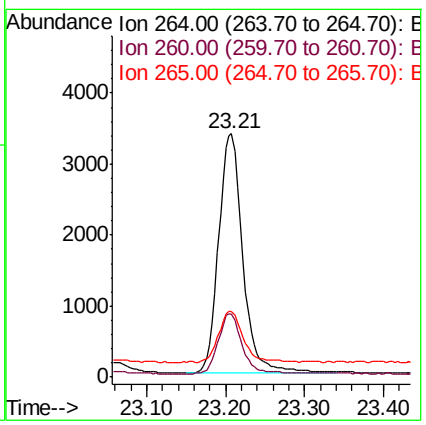


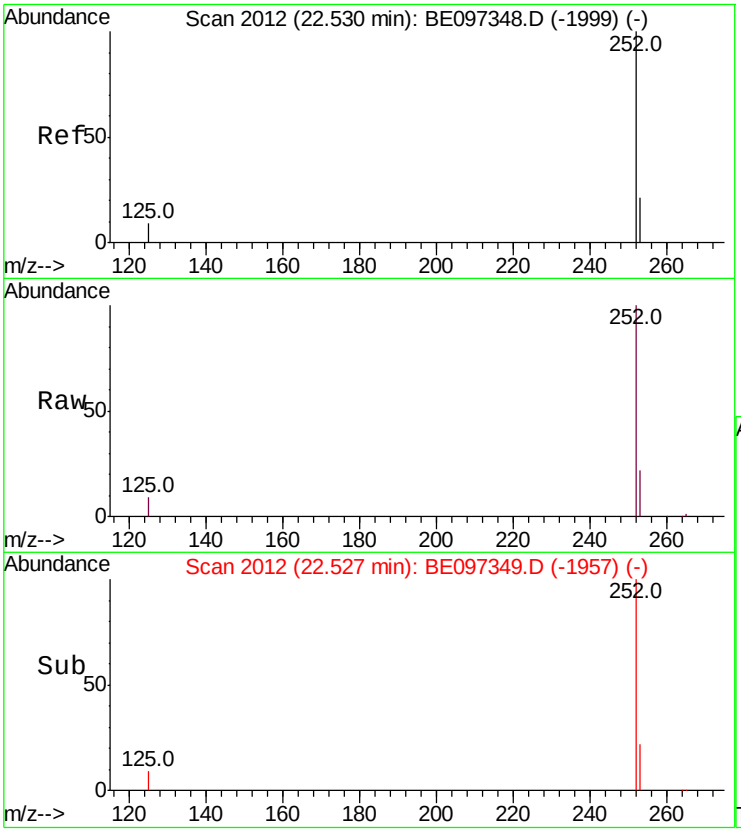


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:264 Resp: 7181

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	27.1	22.8	34.2



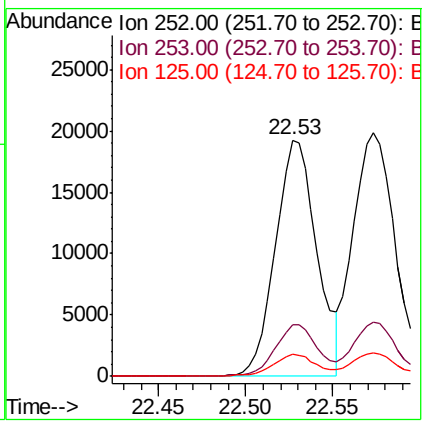


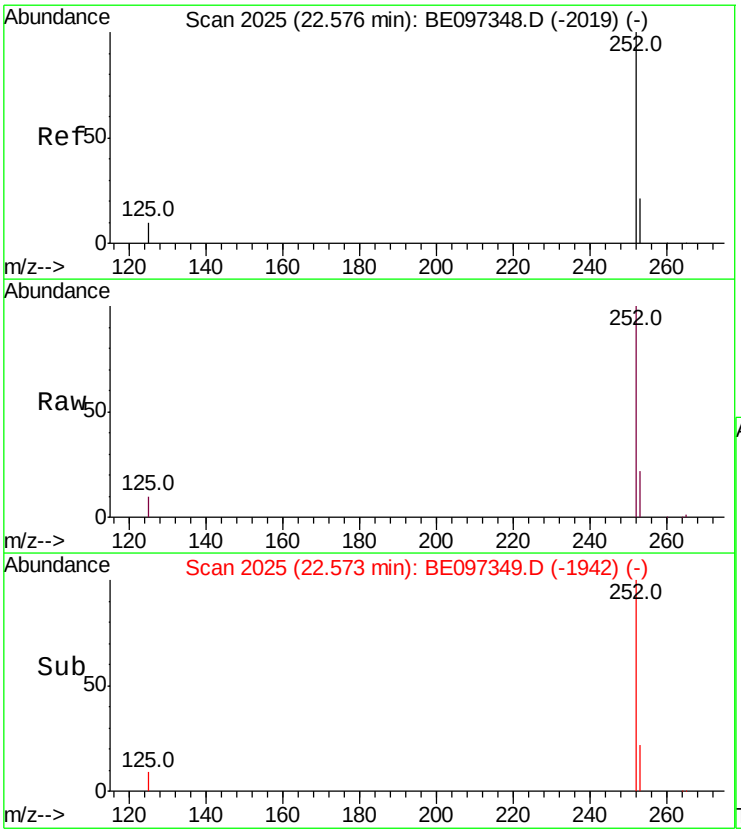
#35
Benzo(b)fluoranthene
Concen: 1.668 ng
RT: 22.53 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 31587

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.0	30.0
125	9.4	16.0	24.0#

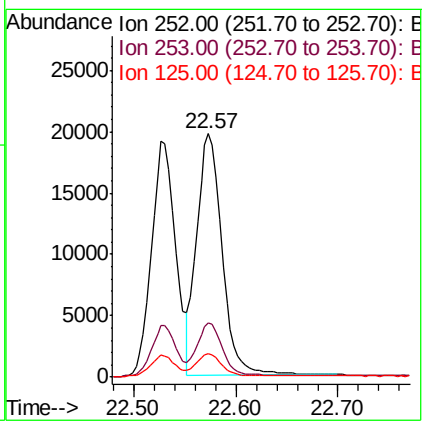


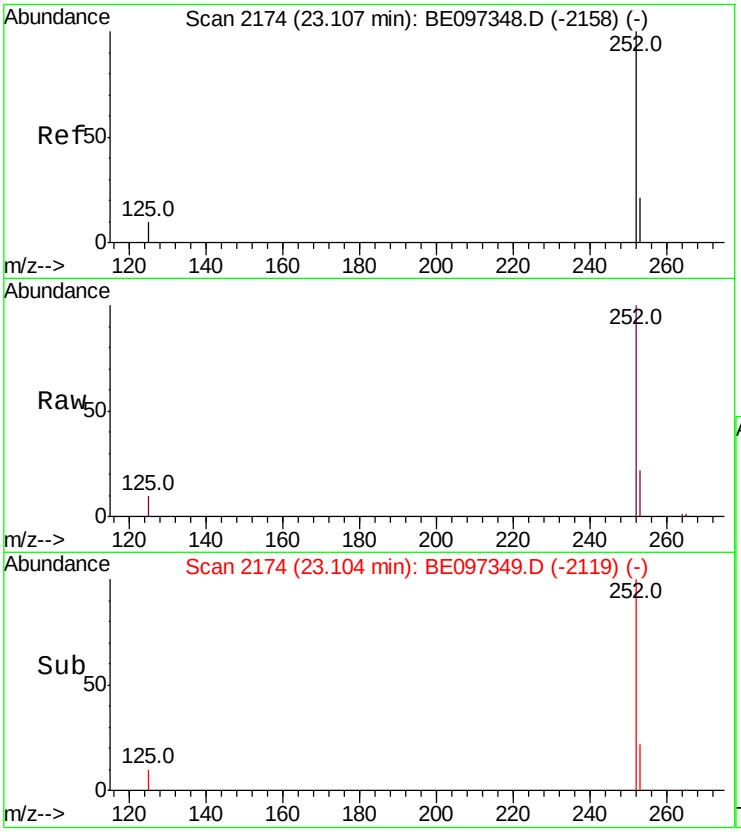


#36
Benzo(k)fluoranthene
Concen: 1.281 ng
RT: 22.57 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:252 Resp: 34038

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.0	24.0
125	9.7	8.0	12.0



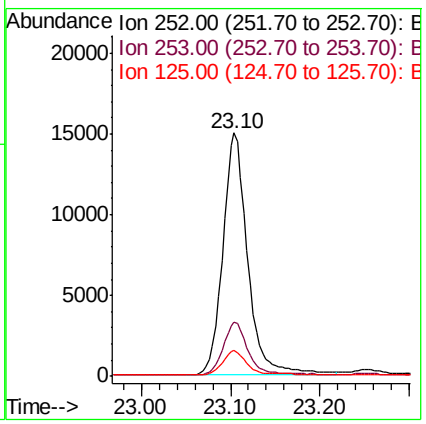


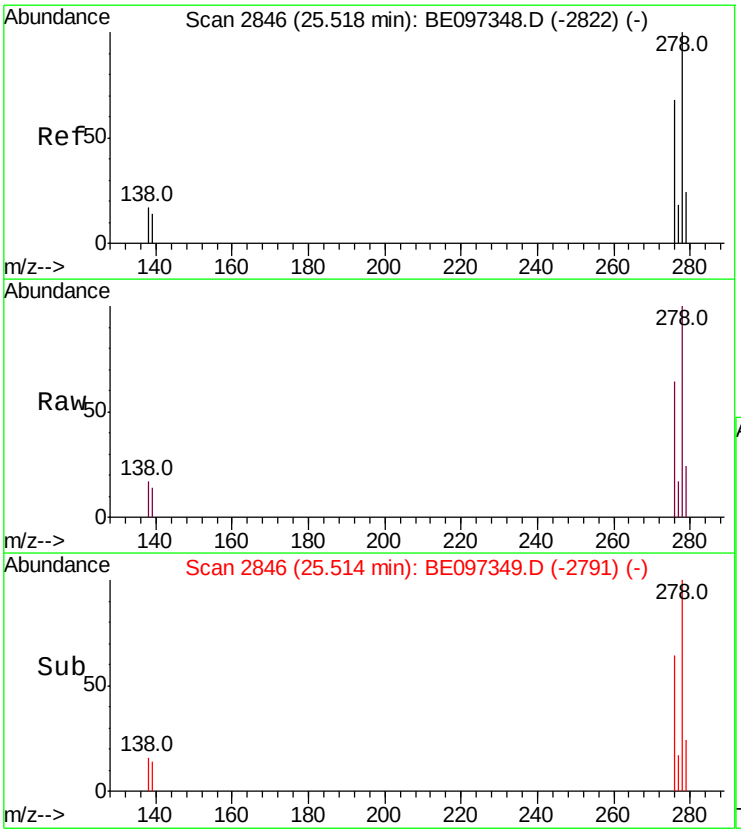
#37
Benzo(a)pyrene
Concen: 1.703 ng
RT: 23.10 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 29358

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.0	24.0
125	10.4	12.0	18.0#

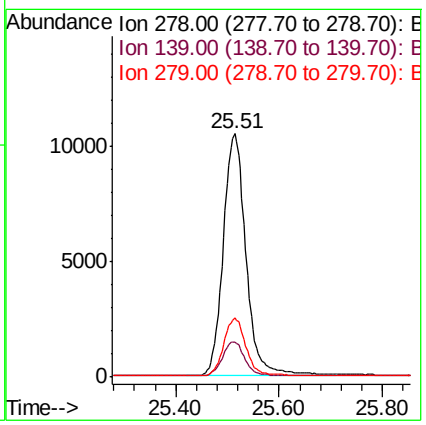


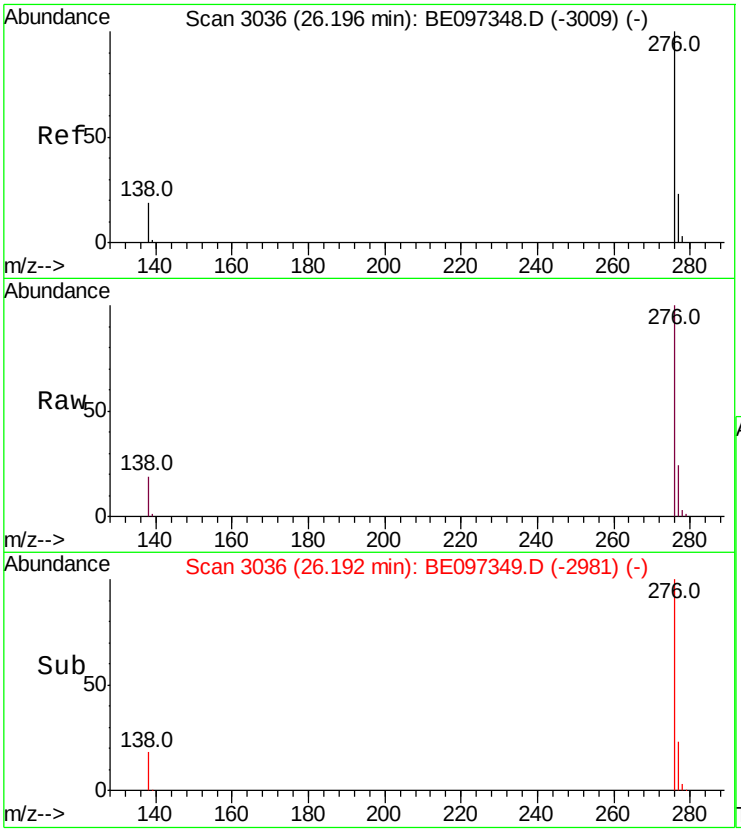


#38
Dibenzo(a,h)anthracene
Concen: 2.200 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion:278 Resp: 32428

Ion	Ratio	Lower	Upper
278	100		
139	14.5	16.0	24.0#
279	24.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 2.178 ng
RT: 26.19 min Scan# 3036
Delta R.T. -0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 32360

Ion	Ratio	Lower	Upper
276	100		
277	23.8	16.0	24.0
138	18.8	20.0	30.0#