Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
Data File : BE097346.D
Acq On : 22 Aug 2018 14:11
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 22 16:06:17 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	813	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3802	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2060	0.40	ng		-0.01
19) Phenanthrene-d10	16.76	188	5617	0.40	ng		0.00
27) Chrysene-d12	20.97	240	7561	0.40	ng		0.00
34) Perylene-d12	23.21	264	7820	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	292	0.16	ng		0.00
5) Phenol-d6	6.60	99	390	0.14	ng		0.00
8) Nitrobenzene-d5	8.52	82	294	0.18	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	551	0.11	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	73	0.22	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	837	0.10	ng		0.01
25) Fluoranthene-d10	18.80	212	6961	0.14	ng		0.00
29) Terphenyl-d14	19.42	244	1554	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	223	0.173	ng	#	69
3) n-Nitrosodimethylamine	3.38	42	138	0.123	ng	#	91
6) bis(2-Chloroethyl)ether	6.83	93	319	0.116	ng		85
9) Naphthalene	10.18	128	3813	0.109	ng	#	95
10) Hexachlorobutadiene	10.47	225	167	0.109	ng		97
12) 2-Methylnaphthalene	11.80	142	571	0.109	ng	#	94
16) Acenaphthylene	13.73	152	837	0.107	ng		99
17) Acenaphthene	14.07	154	586	0.106	ng		96
18) Fluorene	15.06	166	730	0.108	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	268	0.106	ng	#	79
21) Hexachlorobenzene	16.08	284	310	0.091	ng	#	83
22) Pentachlorophenol	16.45	266	81	0.243	ng		87
23) Phenanthrene	16.80	178	1428	0.104	ng		98
24) Anthracene	16.89	178	1155	0.114	ng		96
26) Fluoranthene	18.84	202	1783	0.135	ng		99
28) Pyrene	19.20	202	1921	0.095	ng		99
30) Benzo(a)anthracene	20.96	228	2131	0.131	ng		96
31) Chrysene	21.00	228	2289	0.107	ng		95
32) Bis(2-ethylhexyl)phthalate	20.92	149	4274	0.432	ng		98
33) Indeno(1,2,3-cd)pyrene	25.50	276	5456	0.403	ng	#	94
35) Benzo(b)fluoranthene	22.58	252	3193	0.155	ng		96
36) Benzo(k)fluoranthene	22.58	252	3193	0.110	ng	#	80
37) Benzo(a)pyrene	23.11	252	2447	0.130	ng	#	87
38) Dibenzo(a,h)anthracene	25.52	278	4492	0.280	ng		95
39) Benzo(g,h,i)perylene	26.20	276	4803	0.297	ng	#	90

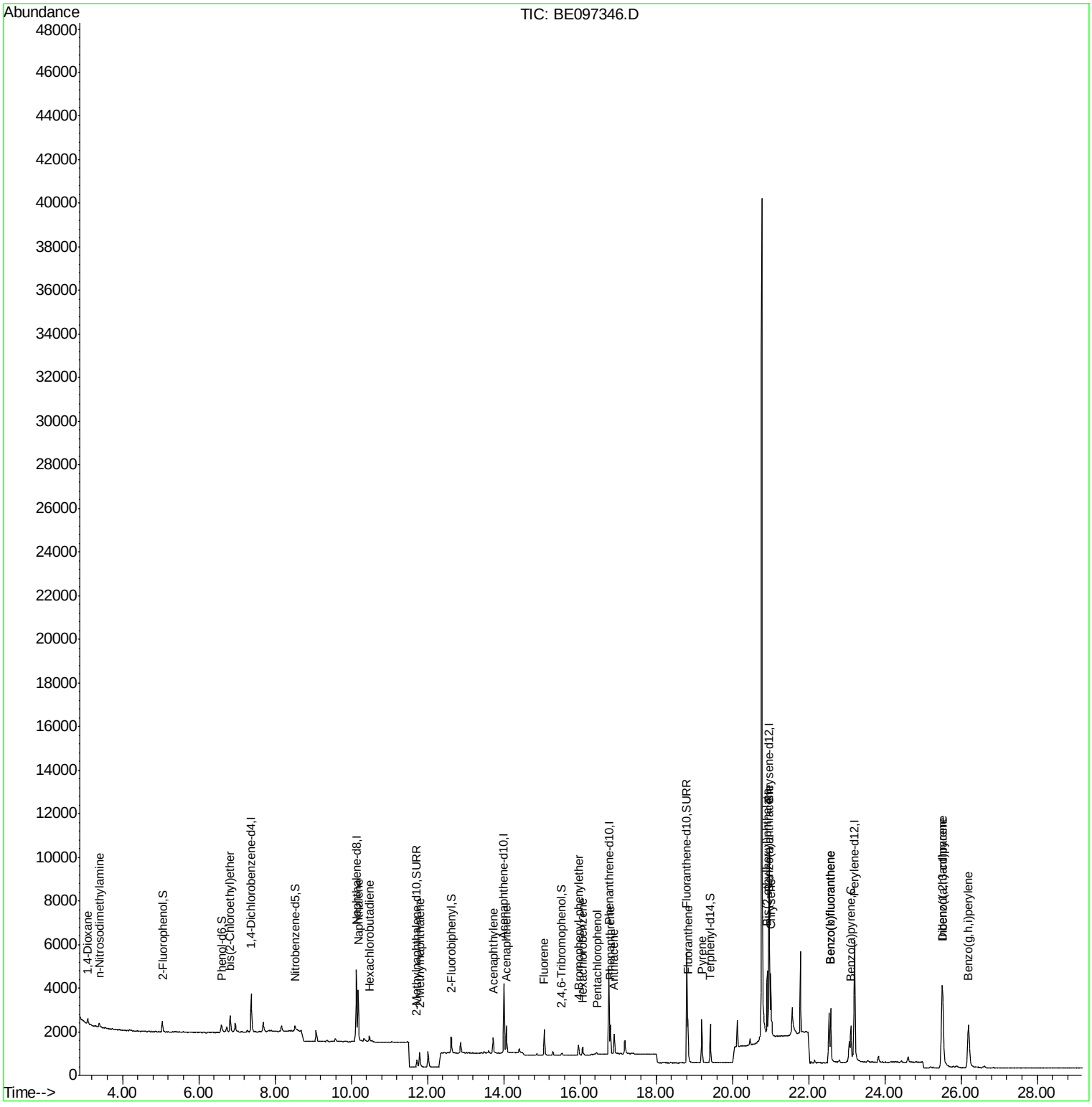
(#) = qualifier out of range (m) = manual integration (+) = signals summed

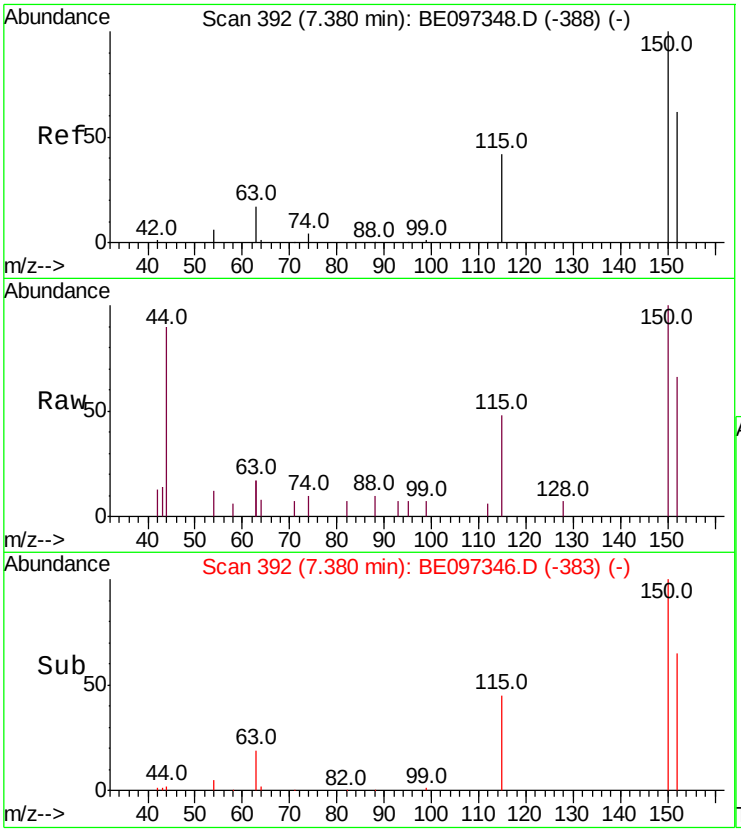
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
Data File : BE097346.D
Acq On : 22 Aug 2018 14:11
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 22 16:06:17 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



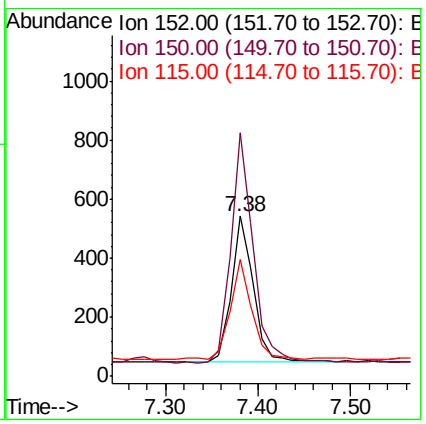


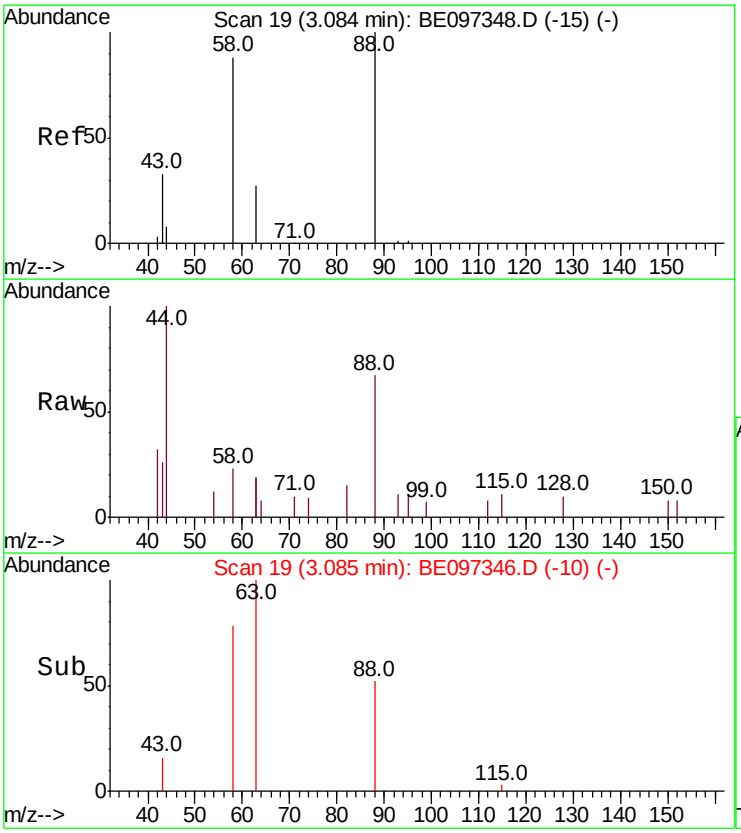
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 813

Ion	Ratio	Lower	Upper
152	100		
150	152.3	117.2	175.8
115	73.2	57.0	85.6

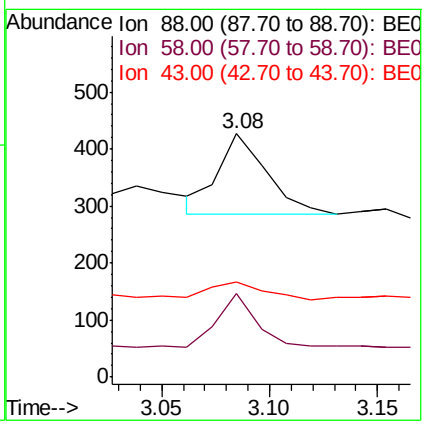


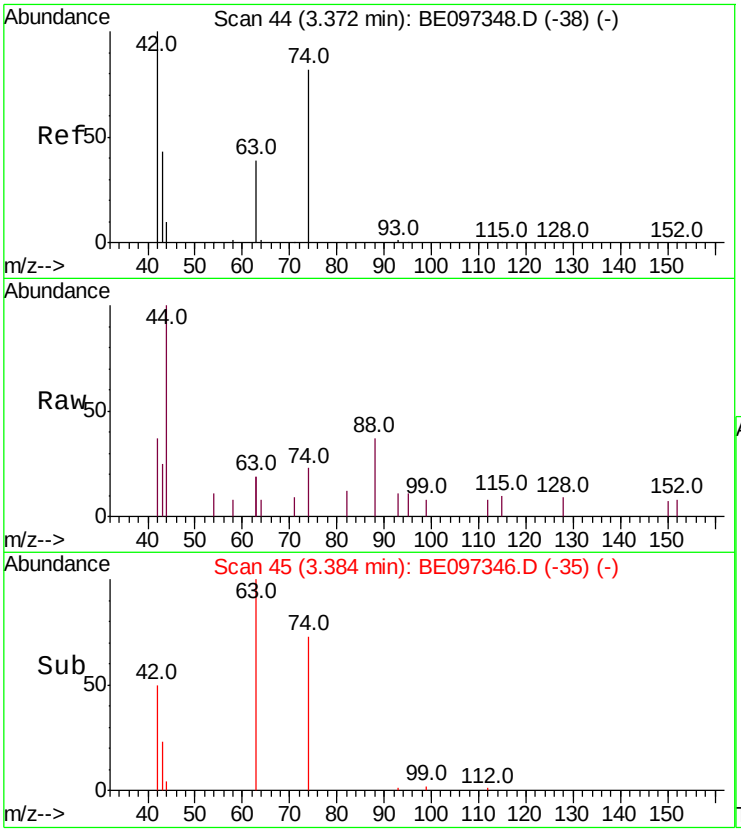


#2
1,4-Dioxane
Concen: 0.173 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion: 88 Resp: 223

Ion	Ratio	Lower	Upper
88	100		
58	52.9	63.2	94.8#
43	28.3	41.2	61.8#

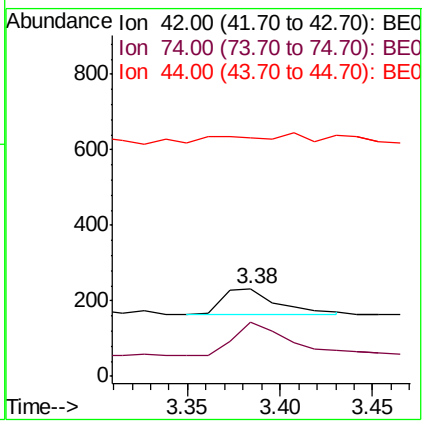




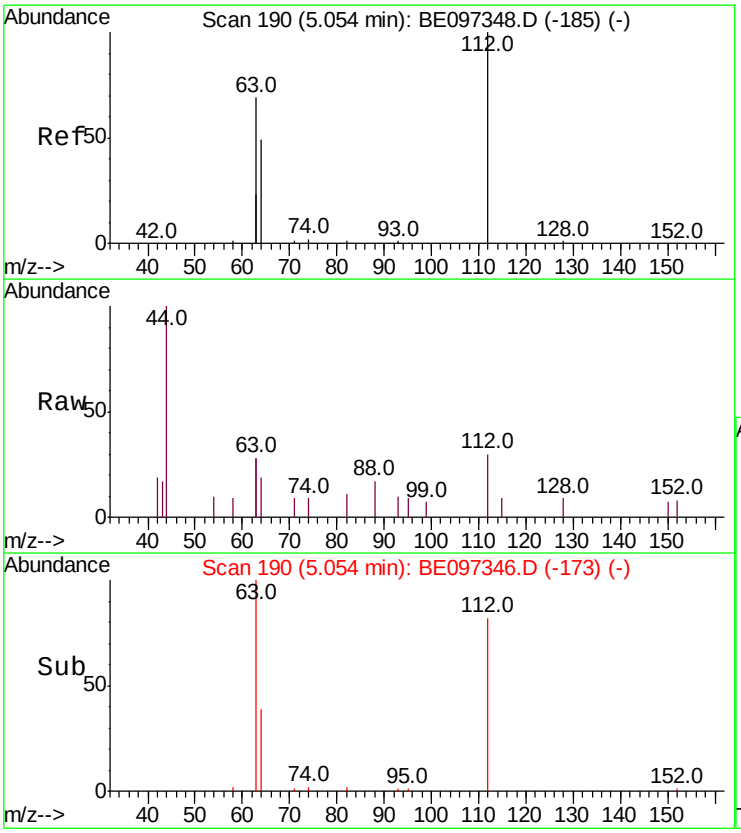
#3
n-Nitrosodimethylamine
Concen: 0.123 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion: 42 Resp: 138

Ion	Ratio	Lower	Upper
42	100		
74	126.8	96.0	144.0
44	0.0	12.0	18.0#



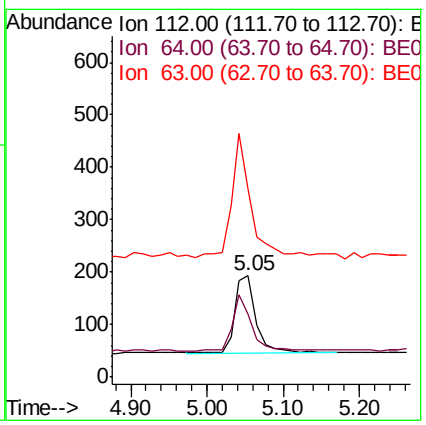
Instrument :
BNA_E
ClientSampleId :

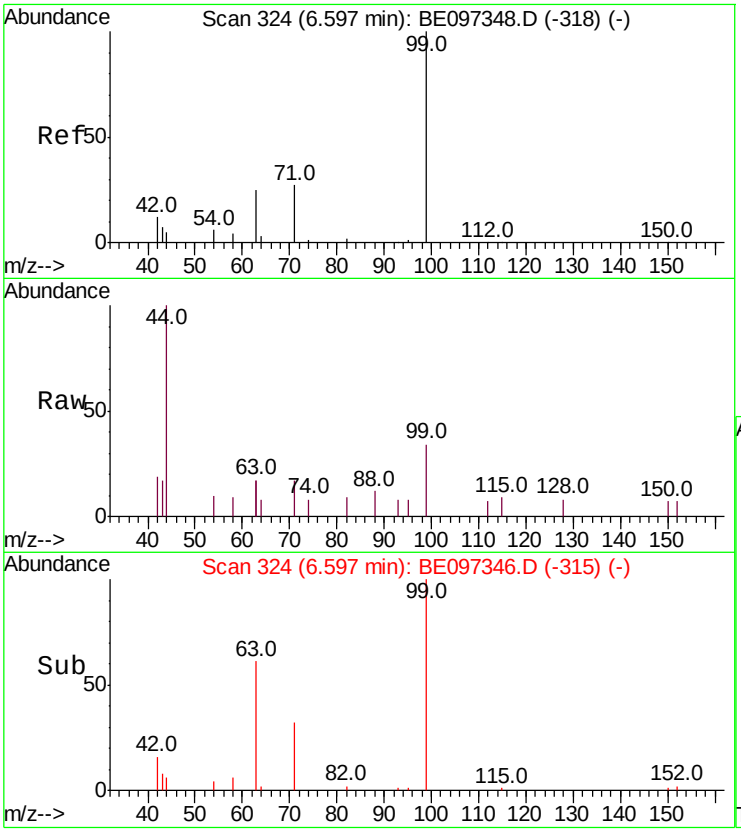


#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:112 Resp: 292

Ion	Ratio	Lower	Upper
112	100		
64	69.2	60.1	90.1
63	139.0	116.8	175.2



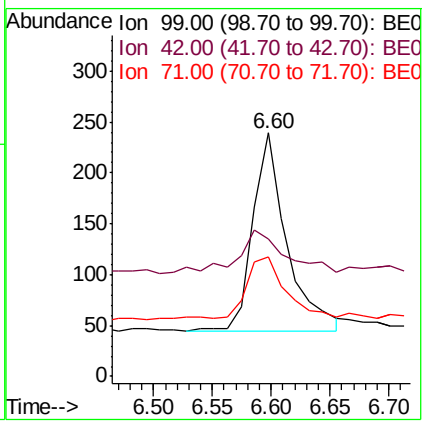


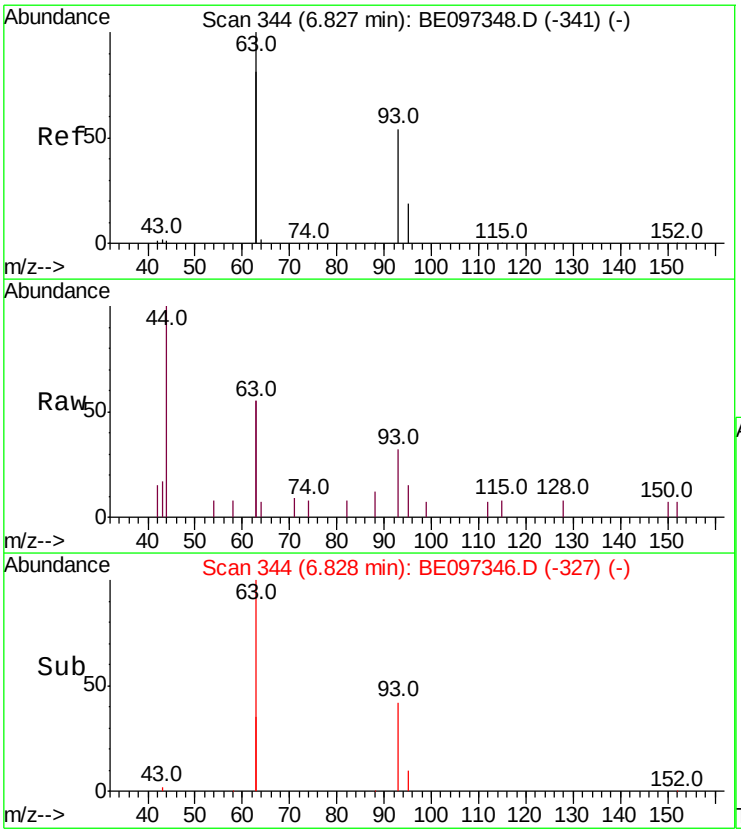
#5
Phenol-d6
Concen: 0.141 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 390

Ion	Ratio	Lower	Upper
99	100		
42	26.9	20.2	30.2
71	35.9	28.4	42.6

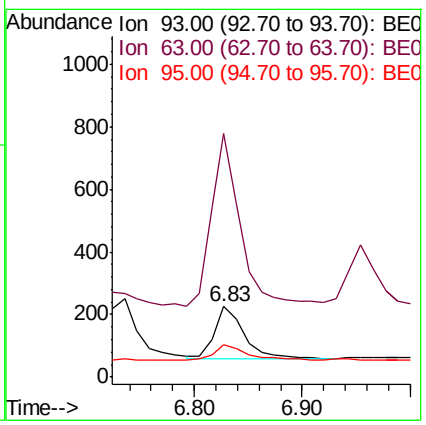


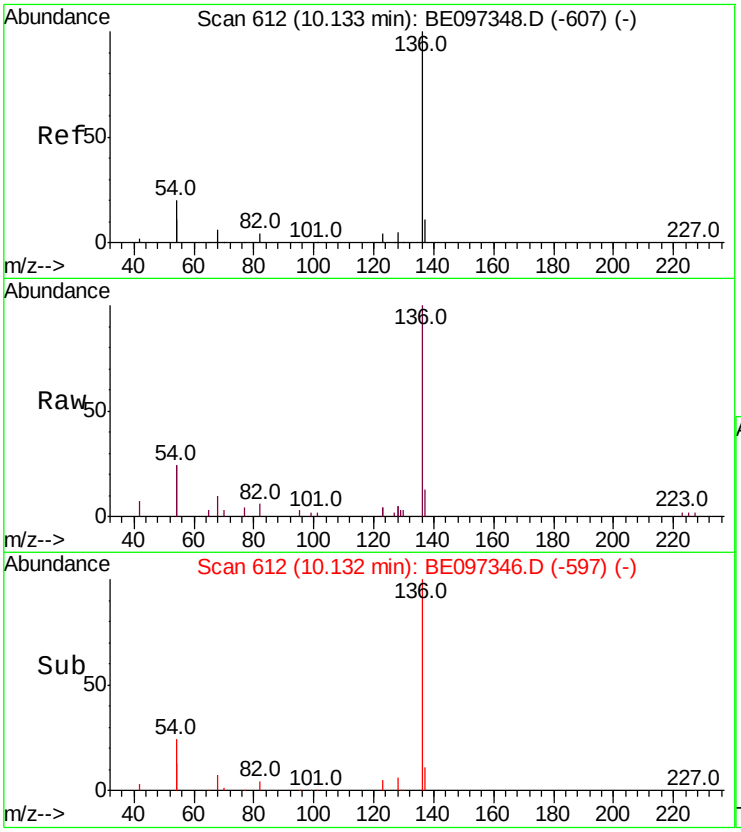


#6
bis(2-Chloroethyl)ether
Concen: 0.116 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion: 93 Resp: 319

Ion	Ratio	Lower	Upper
93	100		
63	308.5	275.3	412.9
95	31.0	25.2	37.8



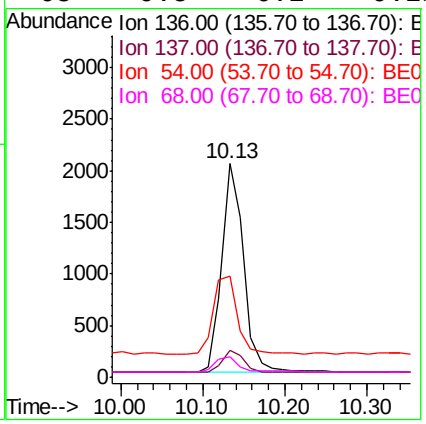


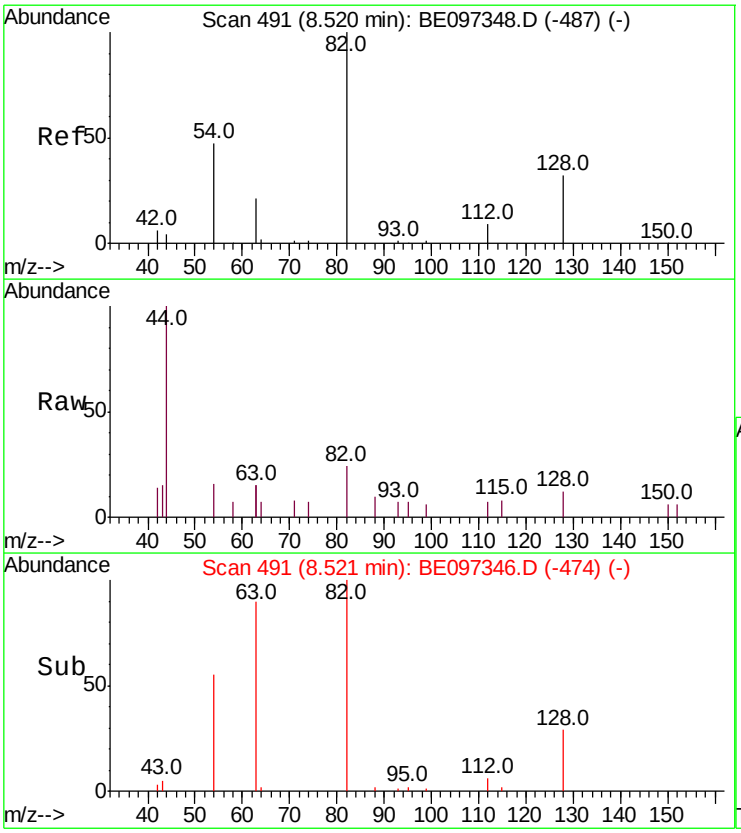
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3802

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	47.1	29.1	43.7#
68	9.5	6.2	9.2#

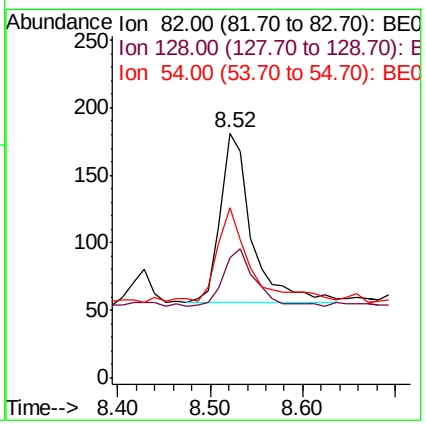


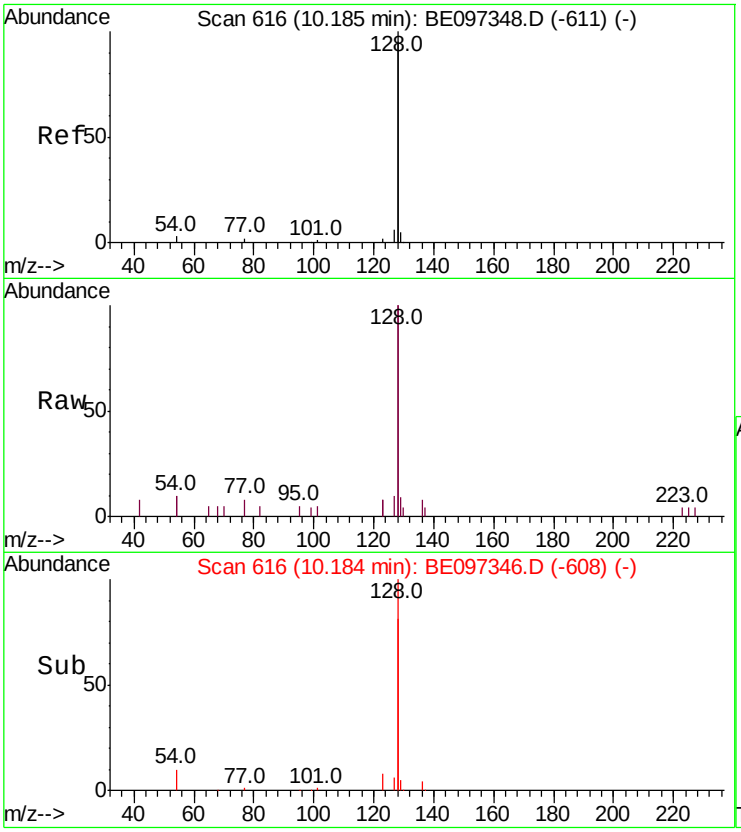


#8
Nitrobenzene-d5
Concen: 0.181 ng
RT: 8.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion: 82 Resp: 294

Ion	Ratio	Lower	Upper
82	100		
128	49.2	24.0	36.0#
54	69.6	40.0	60.0#



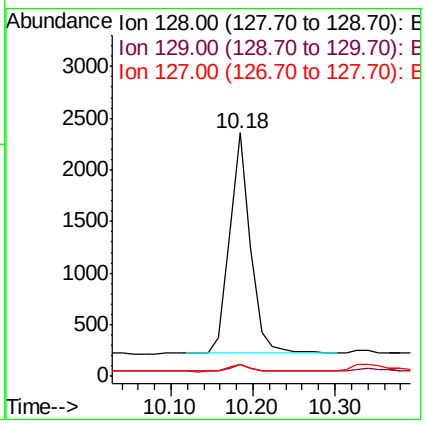


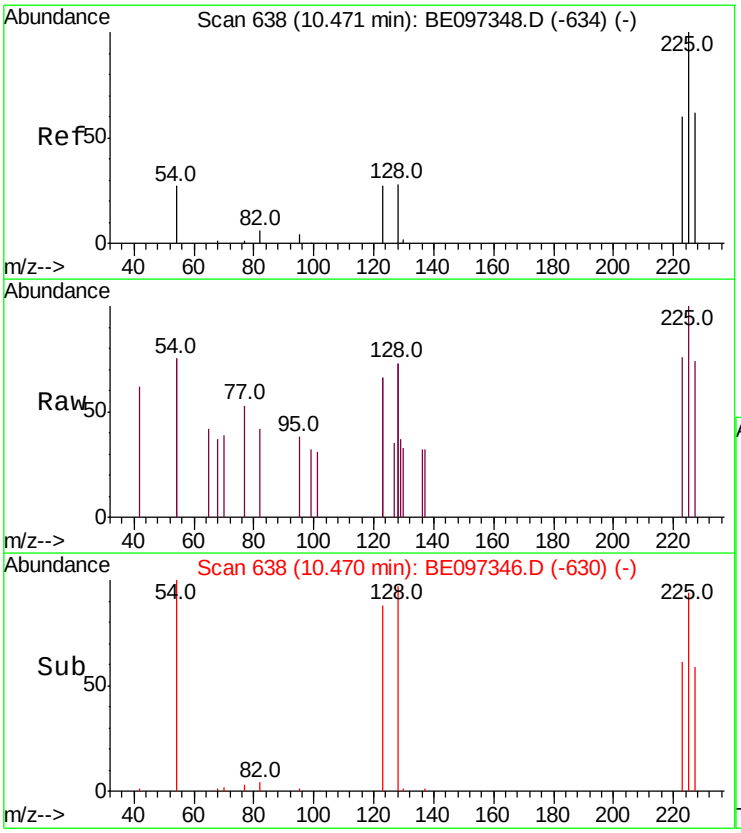
#9
Naphthalene
Concen: 0.109 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3813

Ion	Ratio	Lower	Upper
128	100		
129	4.7	2.6	3.8#
127	5.1	2.8	4.2#

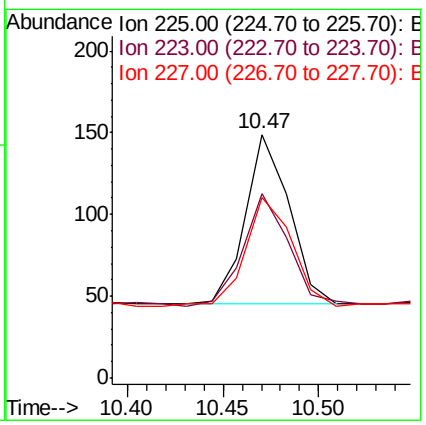


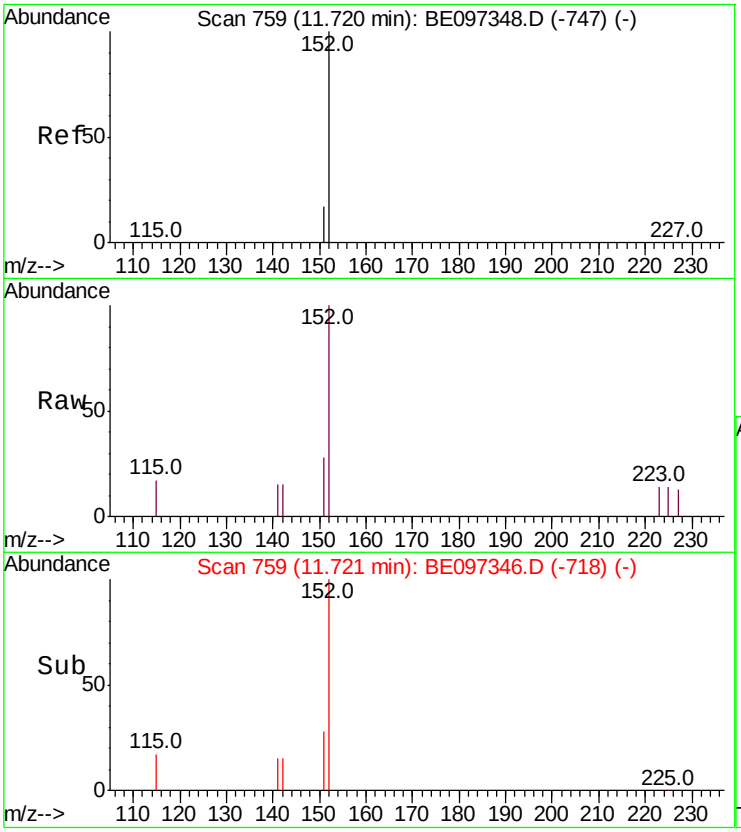


#10
Hexachlorobutadiene
Concen: 0.109 ng
RT: 10.47 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:225 Resp: 167

Ion	Ratio	Lower	Upper
225	100		
223	68.9	53.0	79.6
227	66.5	51.4	77.2



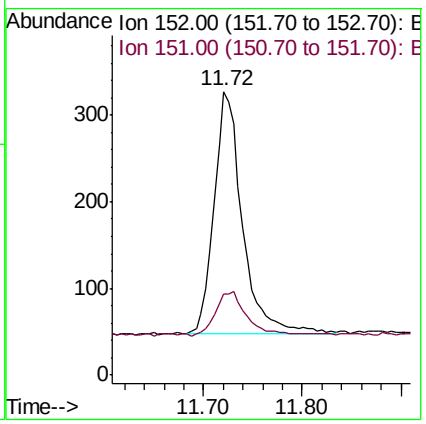


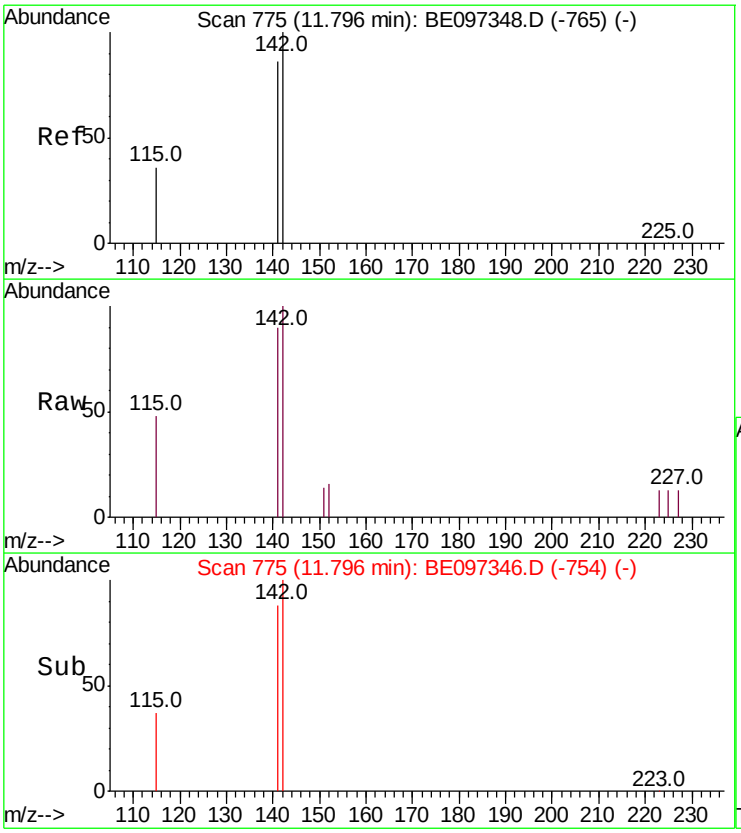
#11
2-Methylnaphthalene-d10
Concen: 0.107 ng
RT: 11.72 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 551

Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.4	23.0

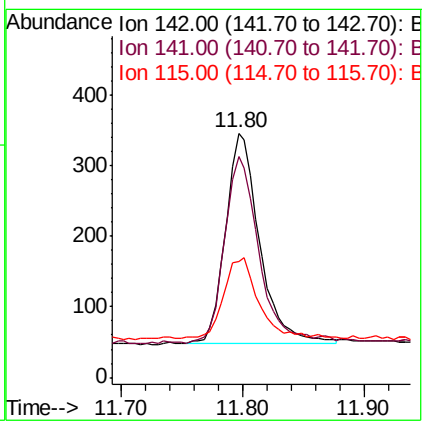


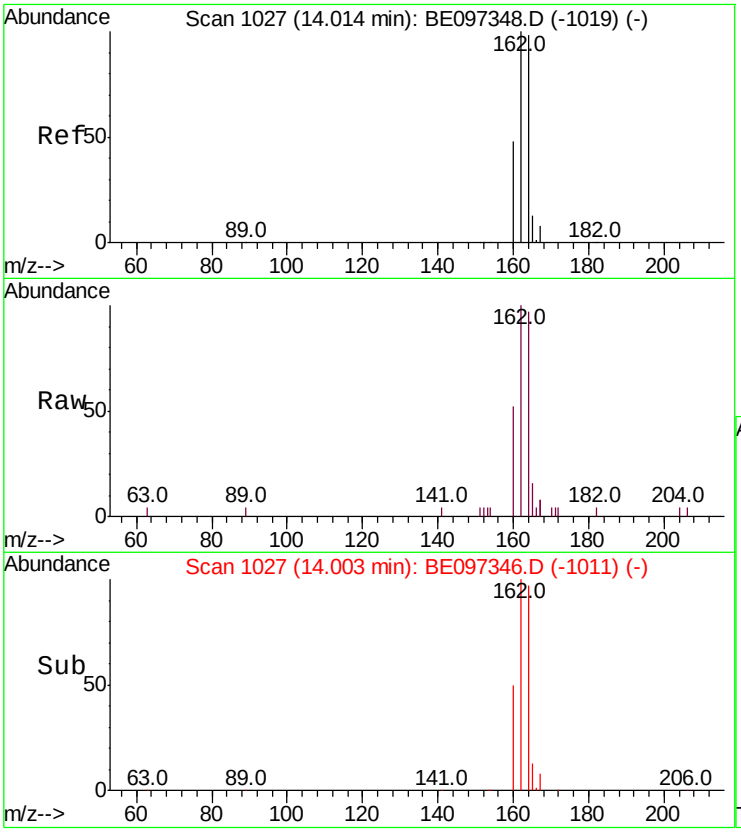


#12
2-Methylnaphthalene
Concen: 0.109 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:142 Resp: 571

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.4	105.6
115	47.7	31.7	47.5#



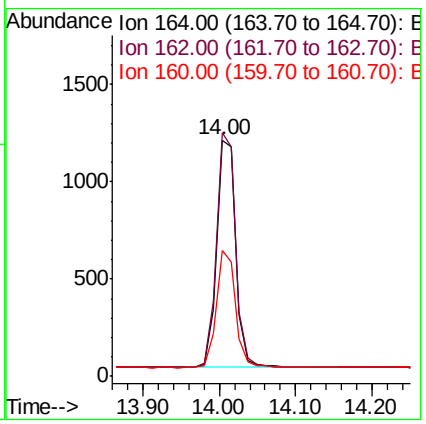


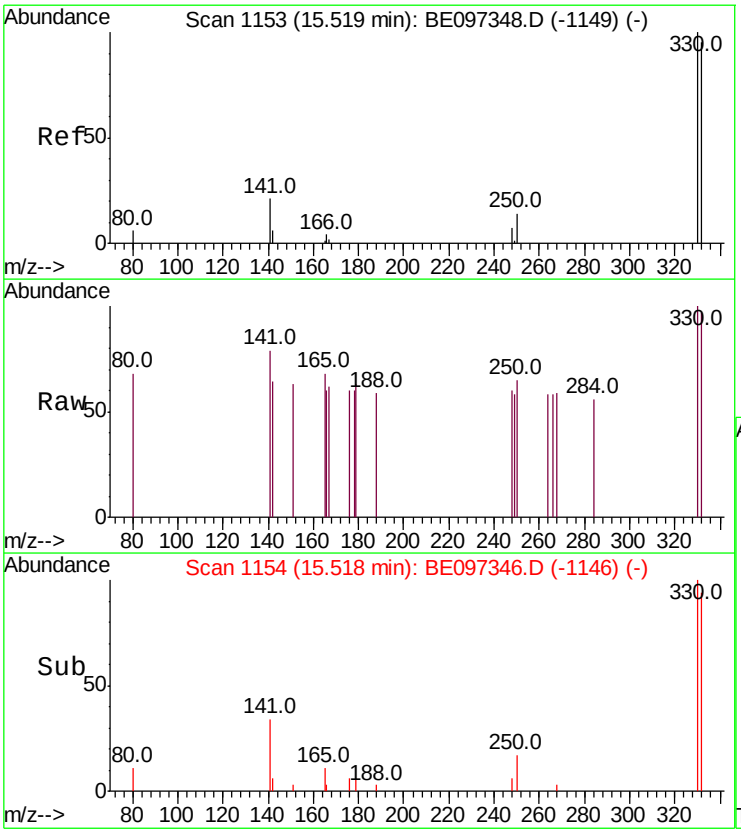
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2060

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.1	124.7
160	53.4	37.1	55.7

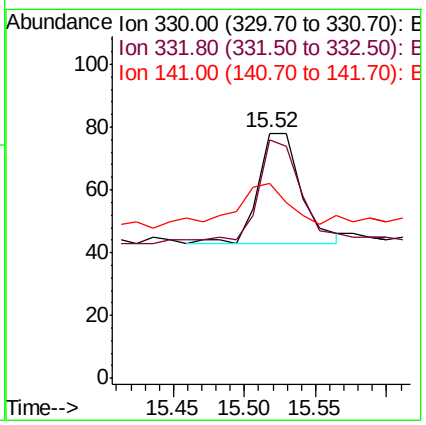


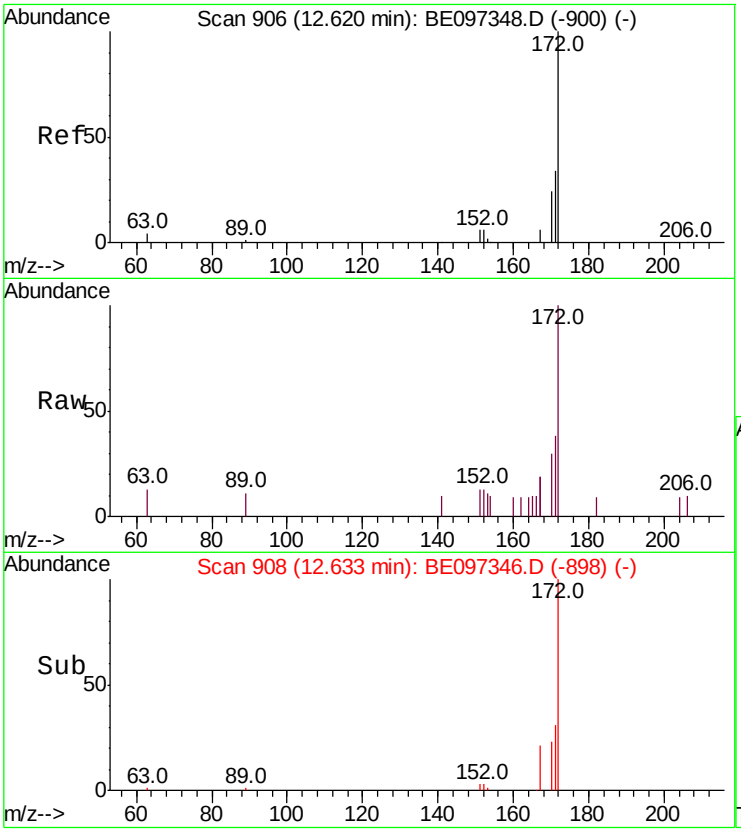


#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:330 Resp: 73

Ion	Ratio	Lower	Upper
330	100		
332	97.3	152.7	229.1#
141	53.4	33.7	50.5#



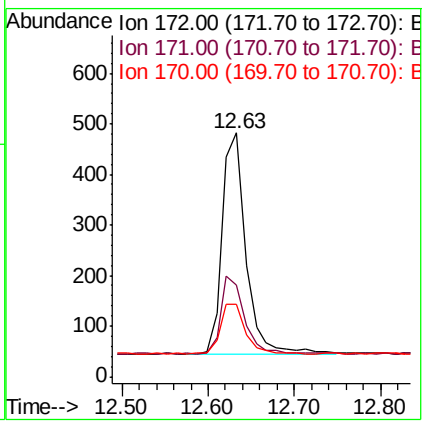


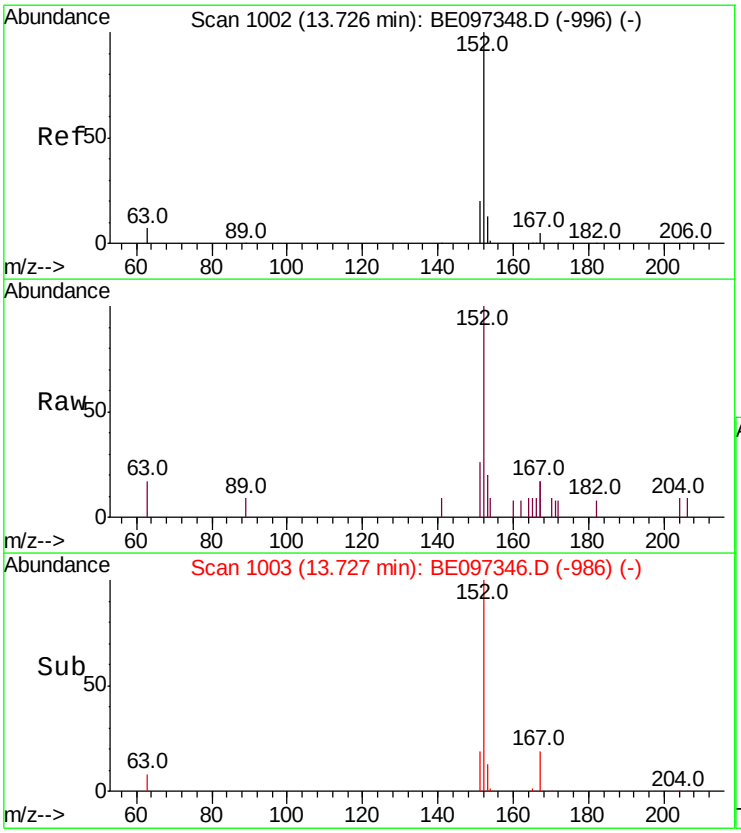
#15
2-Fluorobiphenyl
Concen: 0.099 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 837

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.9	44.9
170	29.9	21.8	32.8

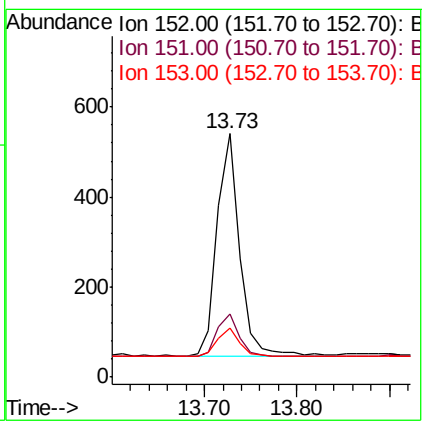


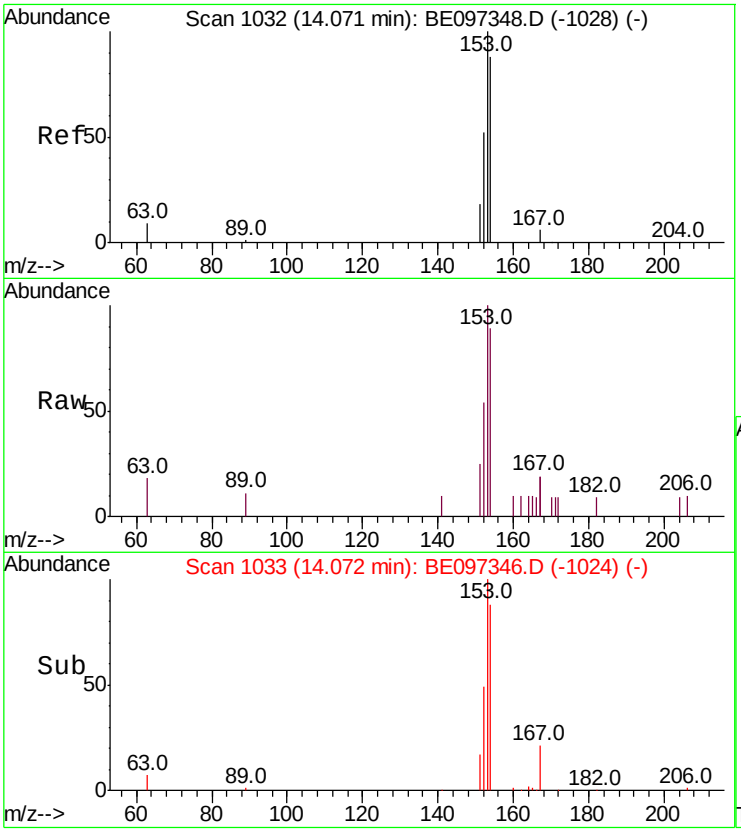


#16
Acenaphthylene
Concen: 0.107 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:152 Resp: 837

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.7	23.5
153	13.5	10.5	15.7



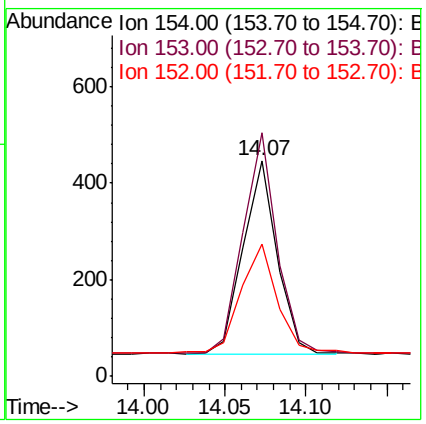


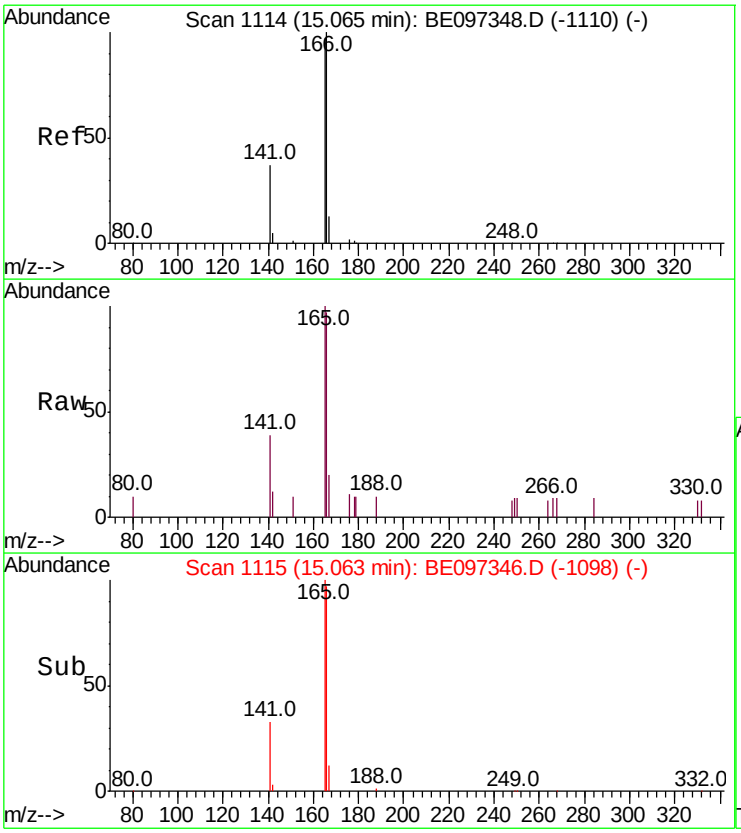
#17
Acenaphthene
Concen: 0.106 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 586

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	60.1	42.0	63.0

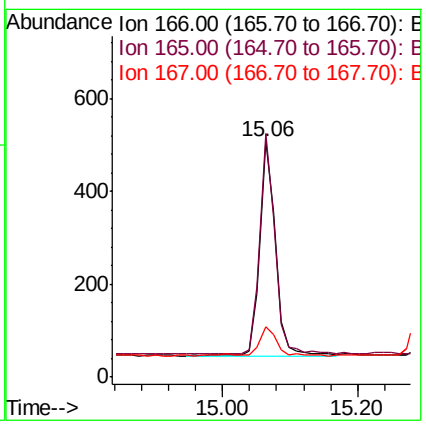


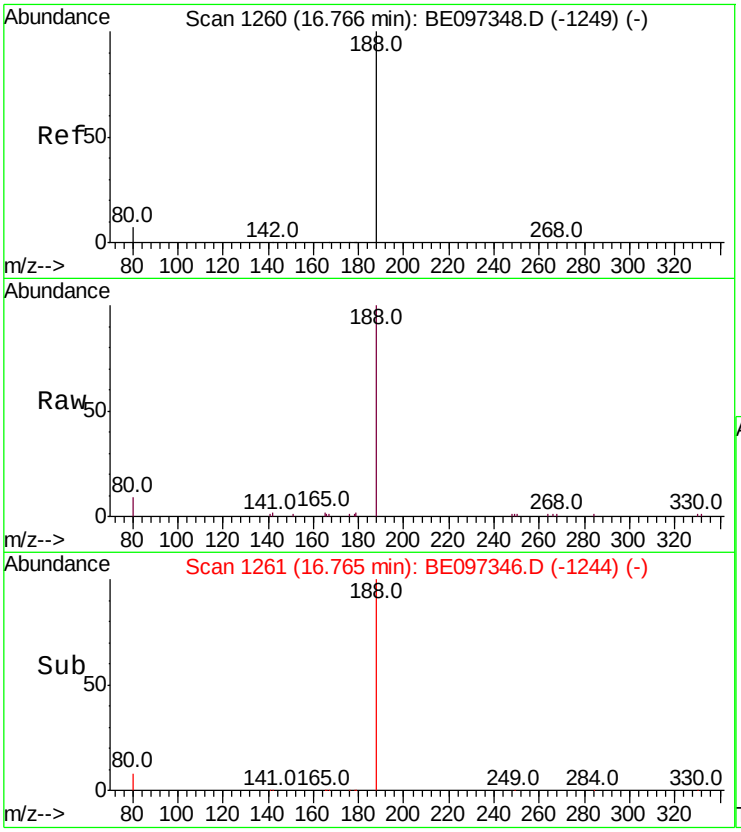


#18
Fluorene
Concen: 0.108 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:166 Resp: 730

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.6
167	14.4	42.4	63.6#



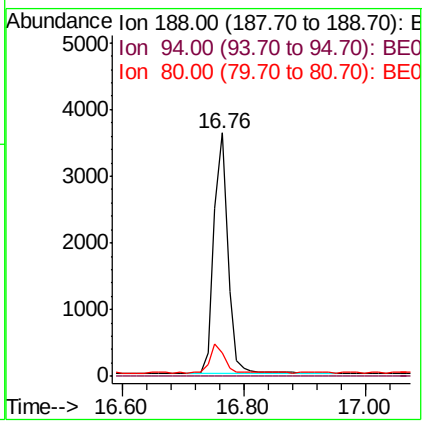


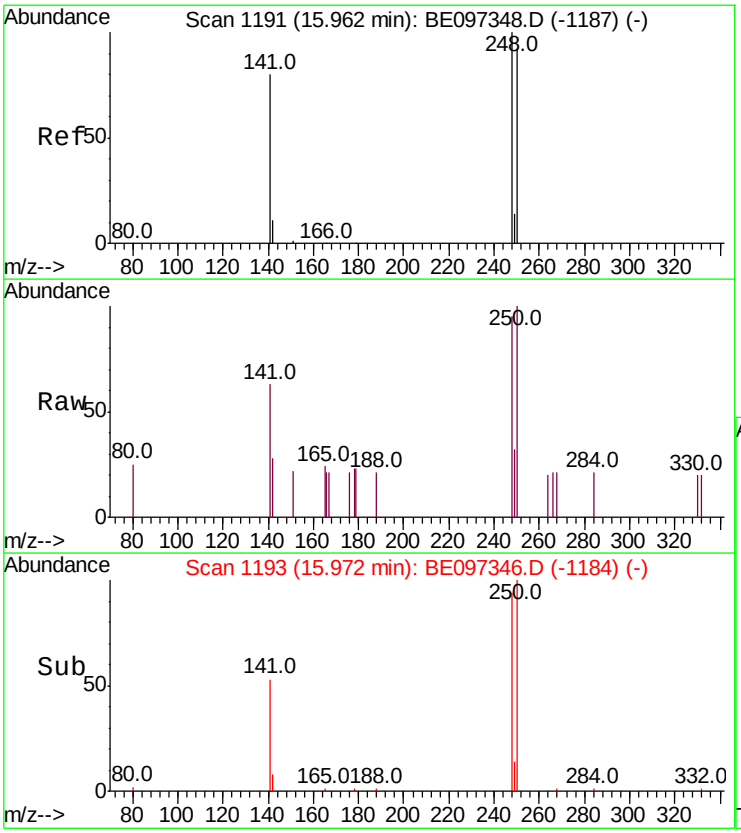
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5617

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.5	3.6	5.4#

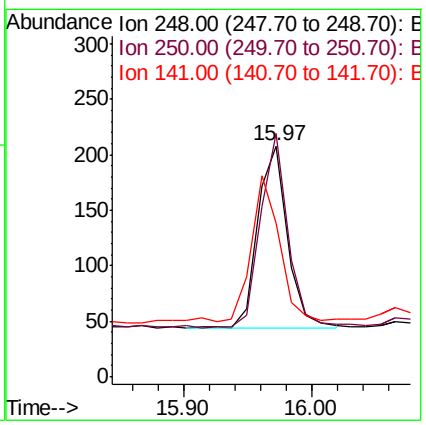


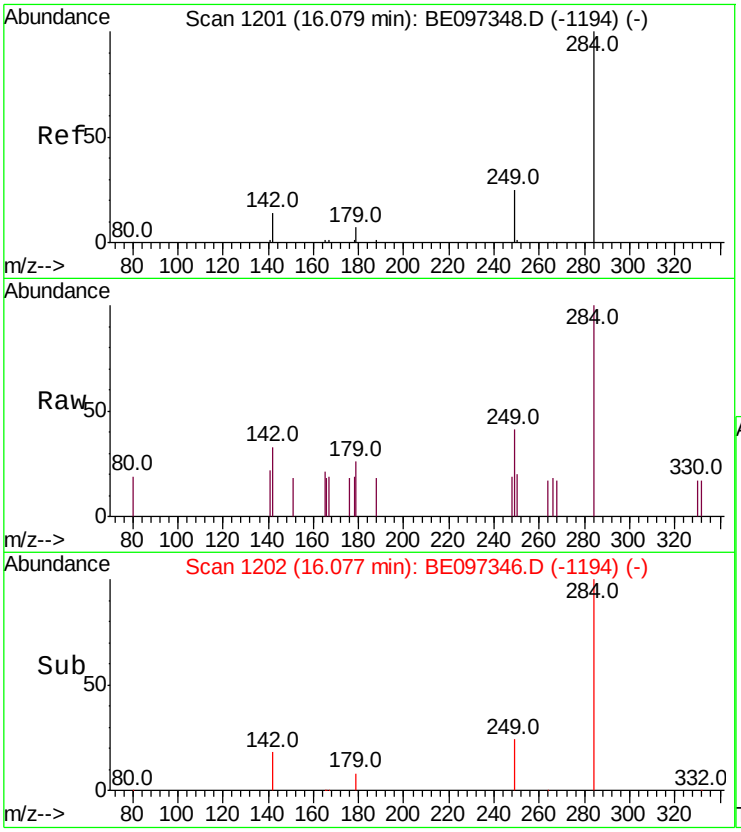


#20
4-Bromophenyl-phenylether
Concen: 0.106 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:248 Resp: 268

Ion	Ratio	Lower	Upper
248	100		
250	105.3	62.7	94.1#
141	66.8	48.2	72.2



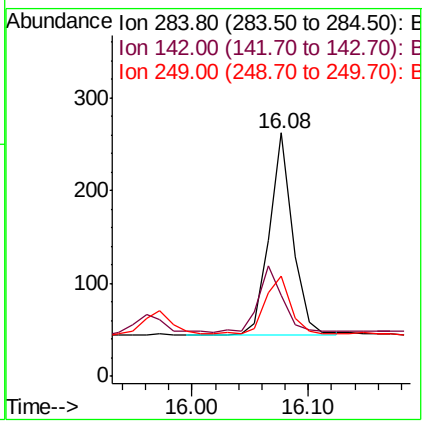


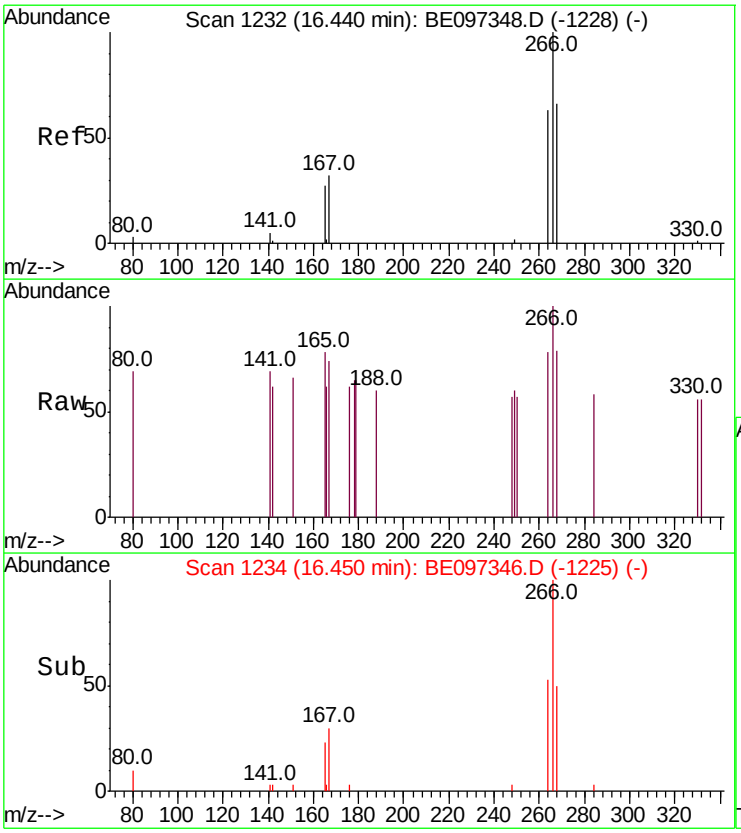
#21
Hexachlorobenzene
Concen: 0.091 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 310

Ion	Ratio	Lower	Upper
284	100		
142	32.3	22.1	33.1
249	29.7	34.8	52.2#

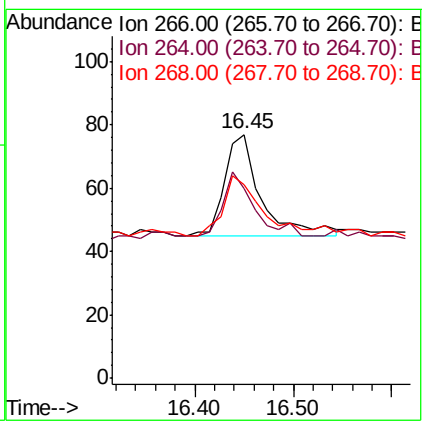


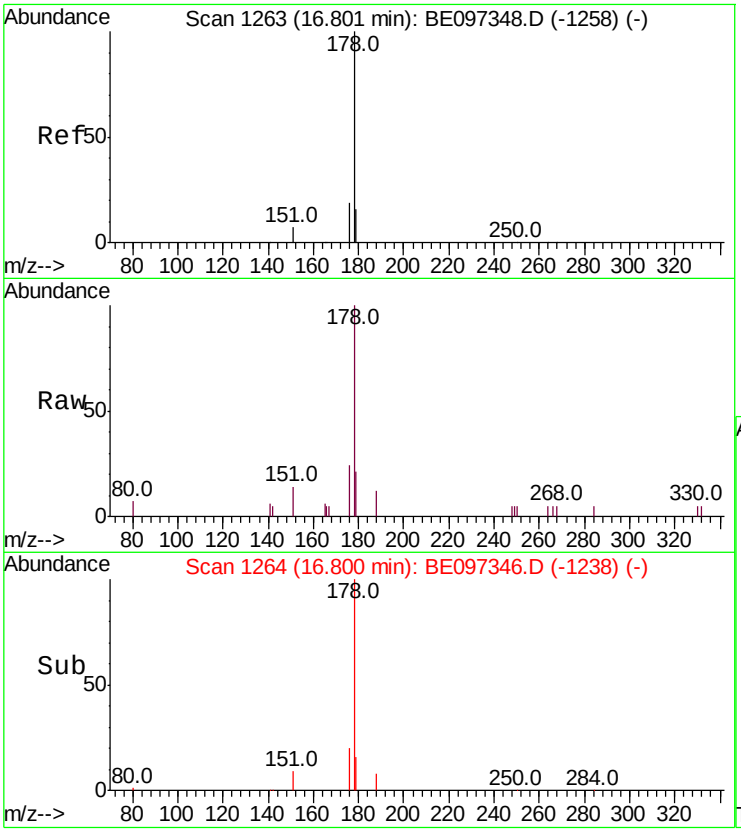


#22
Pentachlorophenol
Concen: 0.243 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:266 Resp: 81

Ion	Ratio	Lower	Upper
266	100		
264	77.9	72.5	108.7
268	79.2	73.8	110.6



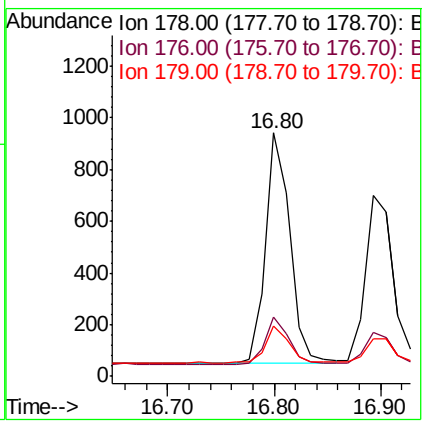


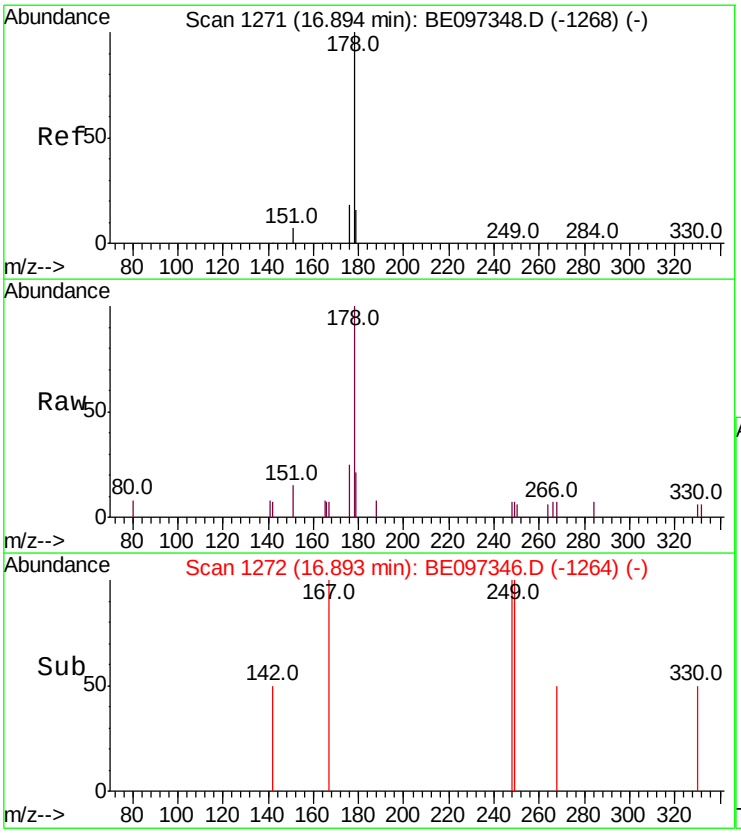
#23
Phenanthrene
Concen: 0.104 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1428

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.2	11.8	17.6

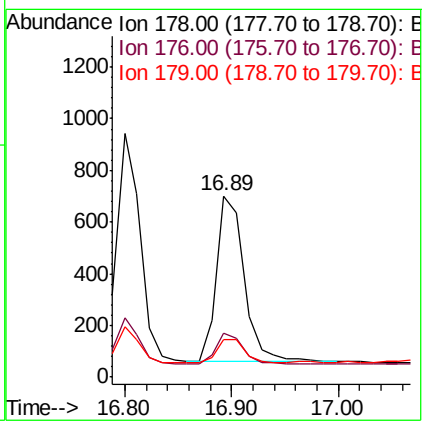


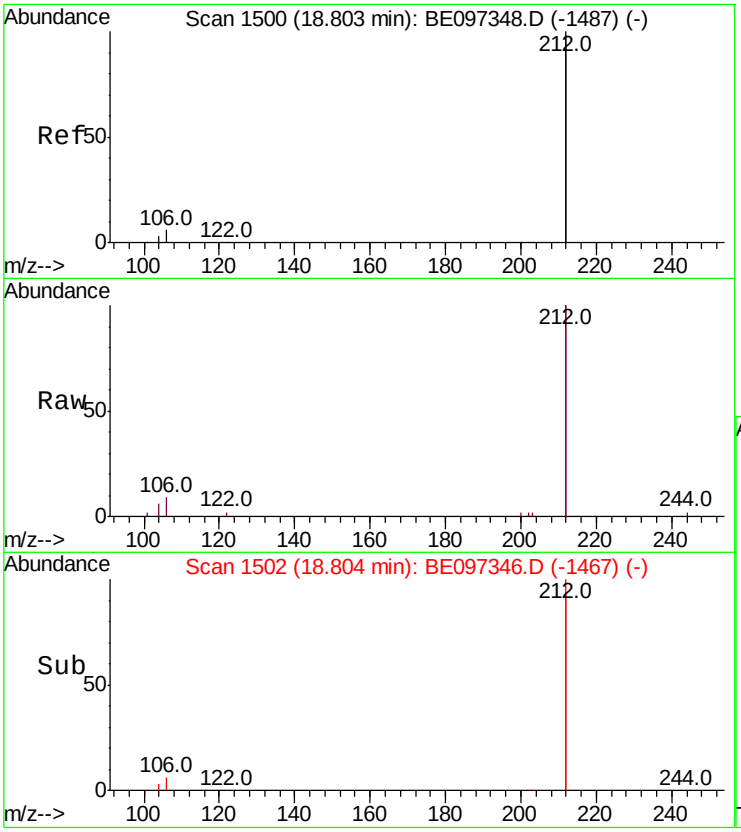


#24
Anthracene
Concen: 0.114 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:178 Resp: 1155

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	15.2	13.0	19.6



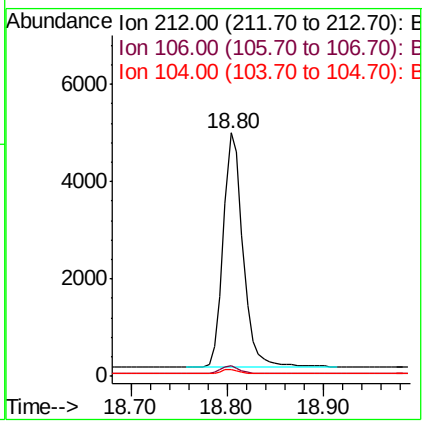


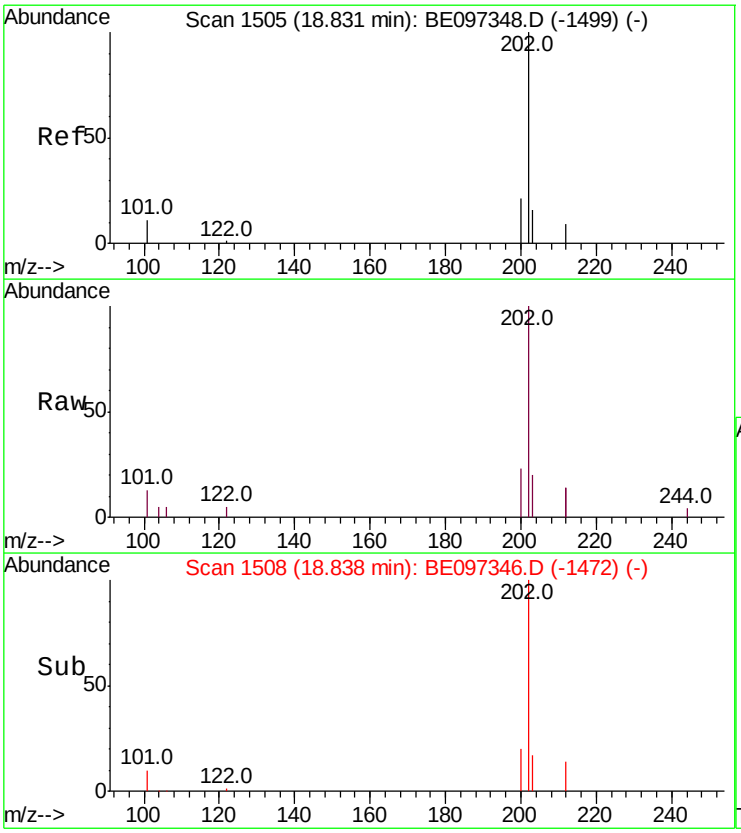
#25
Fluoranthene-d10
Concen: 0.139 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 6961

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.9	1.6	2.4

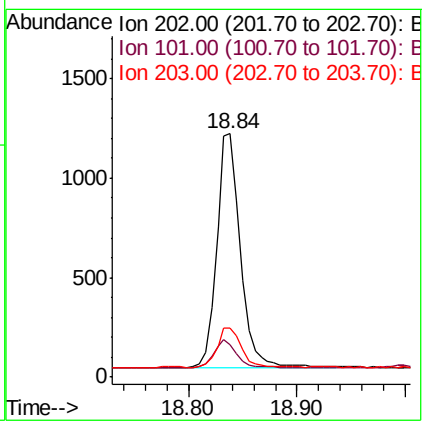


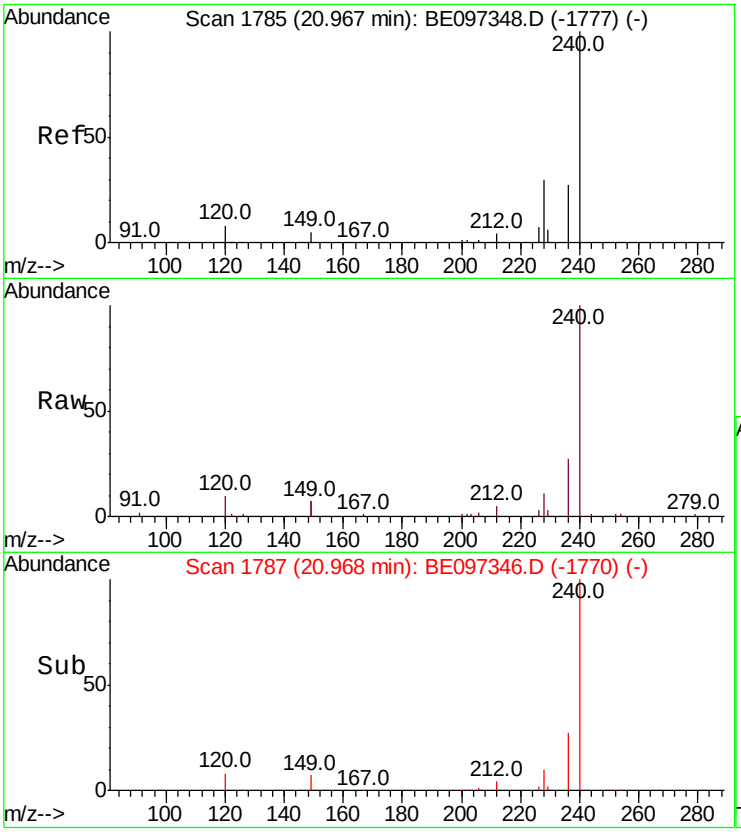


#26
Fluoranthene
Concen: 0.135 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:202 Resp: 1783

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
203	17.7	13.7	20.5



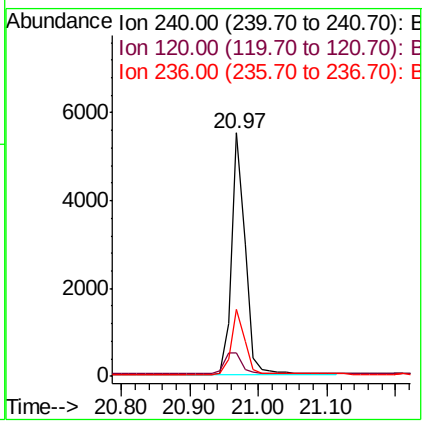


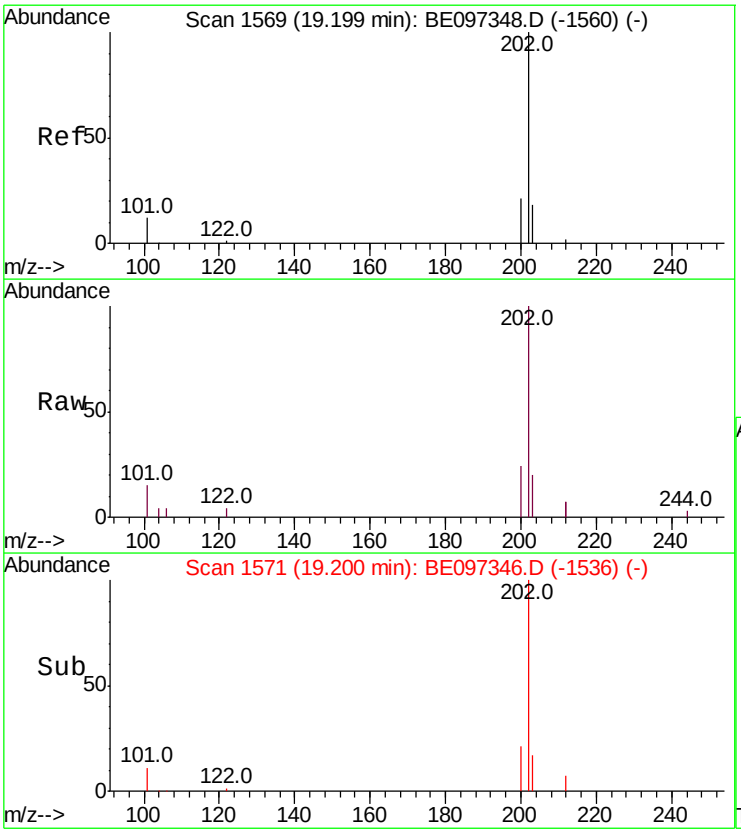
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7561

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.5	8.3#
236	27.5	20.7	31.1

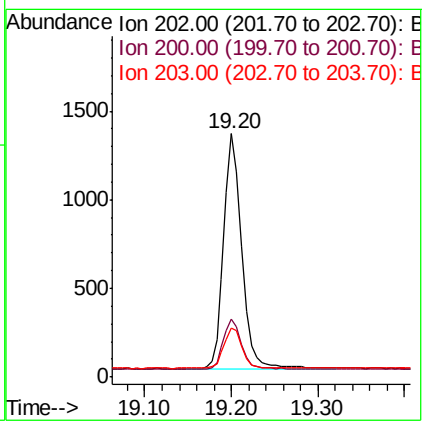


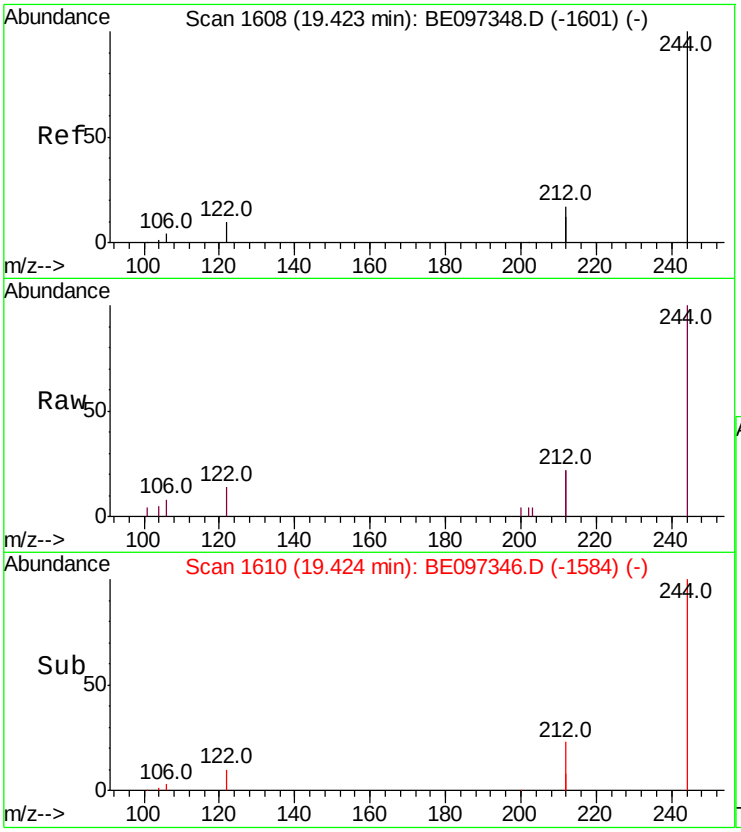


#28
Pyrene
Concen: 0.095 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:202 Resp: 1921

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.1	13.8	20.8



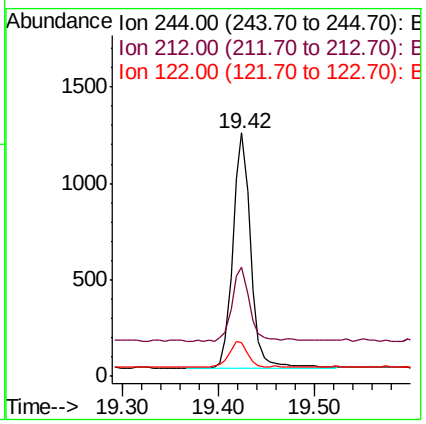


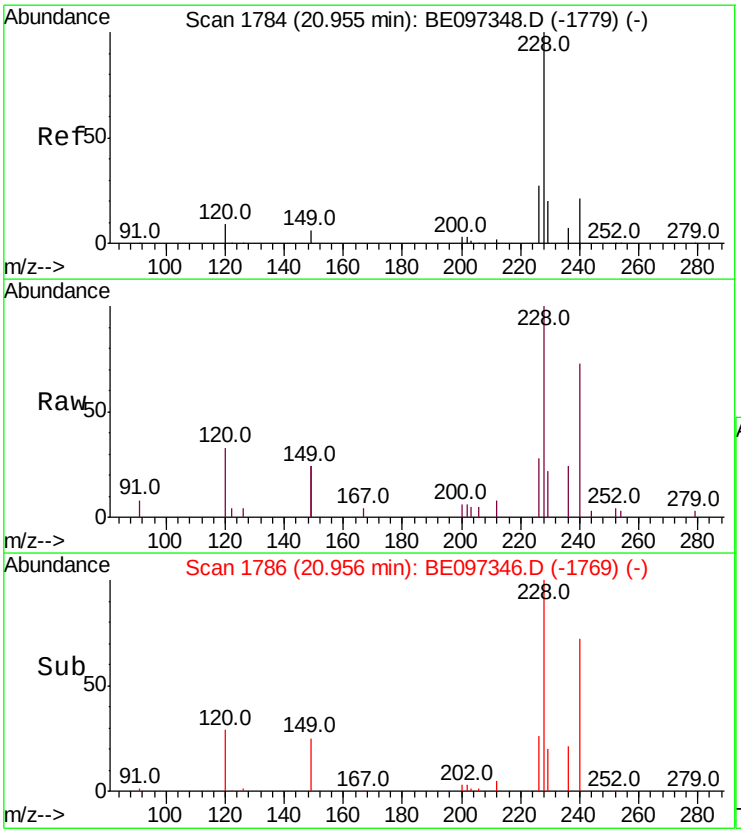
#29
Terphenyl-d14
Concen: 0.103 ng
RT: 19.42 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 1554

Ion	Ratio	Lower	Upper
244	100		
212	44.7	25.4	38.0#
122	13.9	8.1	12.1#

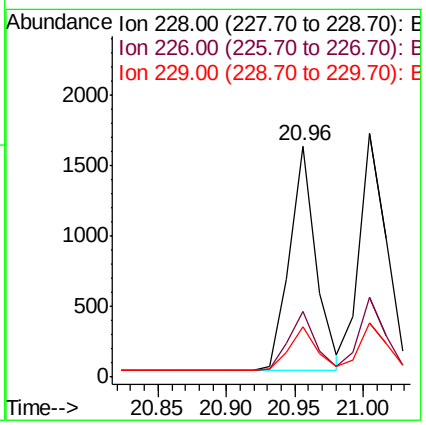


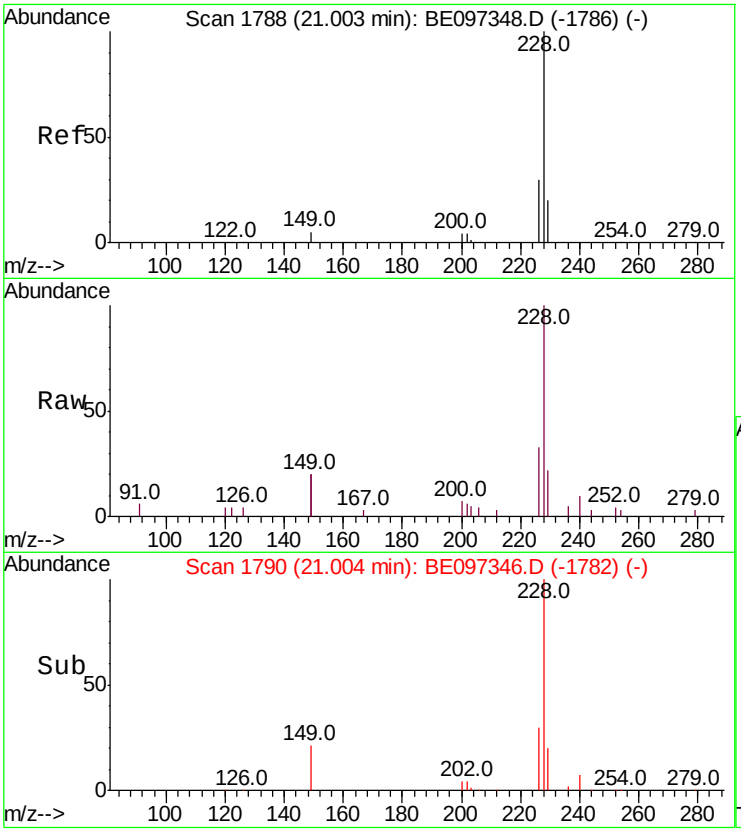


#30
Benzo(a)anthracene
Concen: 0.131 ng
RT: 20.96 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:228 Resp: 2131

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.0	36.0
229	22.0	16.0	24.0



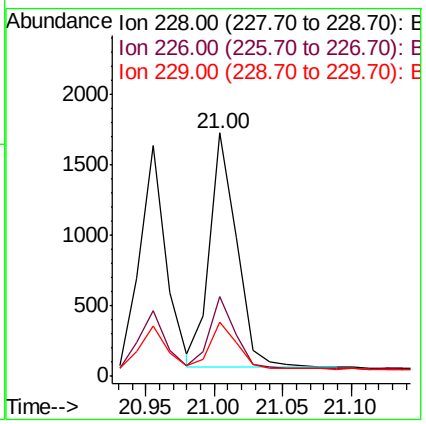


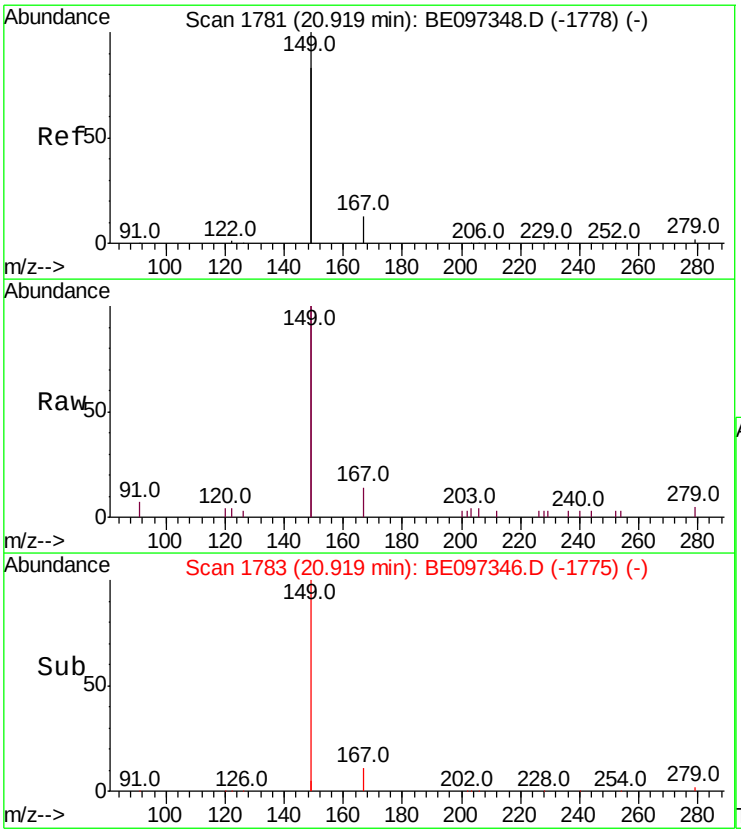
#31
Chrysene
Concen: 0.107 ng
RT: 21.00 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2289

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	22.2	16.0	24.0

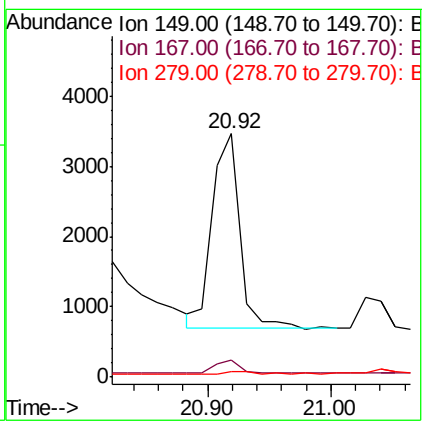


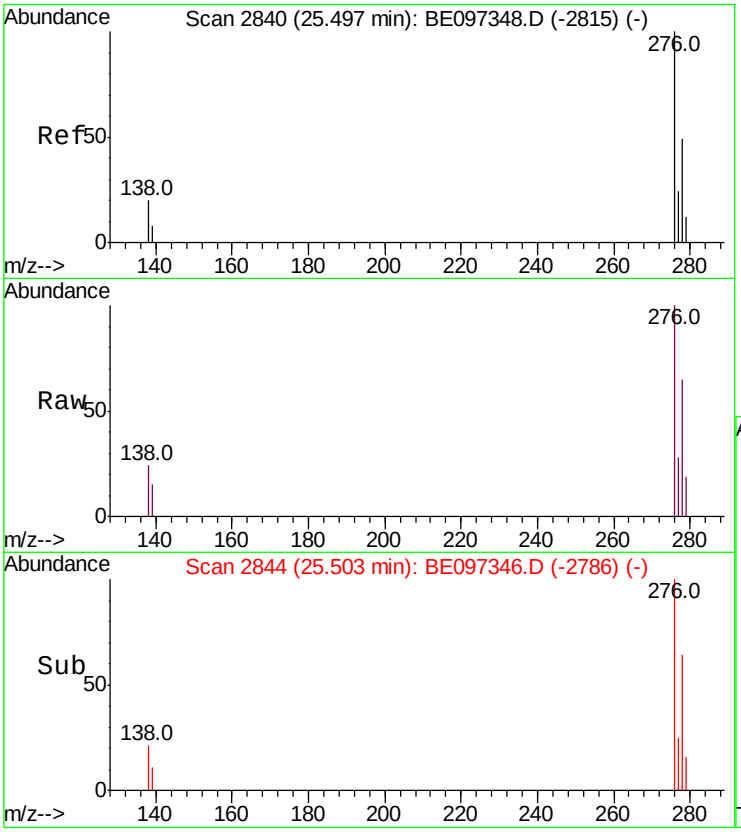


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.432 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:149 Resp: 4274

Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.4	8.0
279	0.9	0.7	1.1



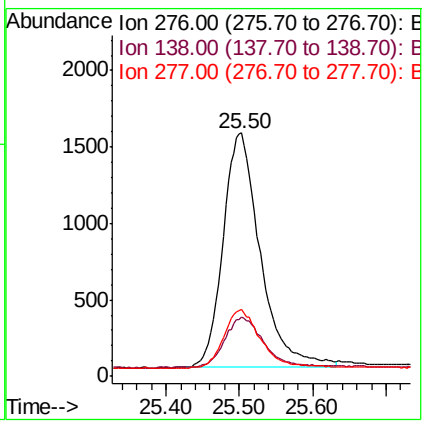


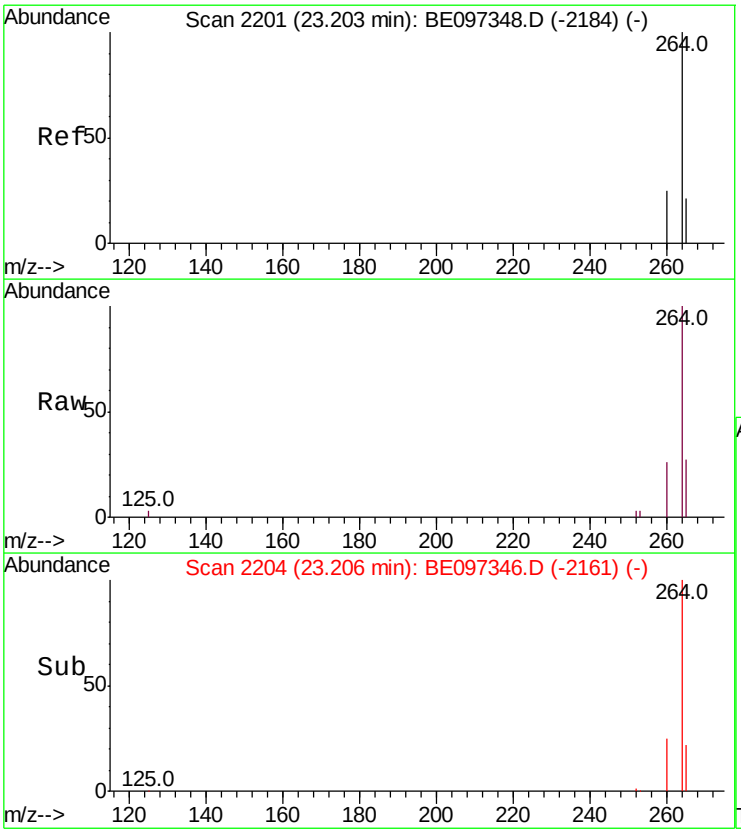
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 25.50 min Scan# 2844
Delta R.T. 0.01 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5456

Ion	Ratio	Lower	Upper
276	100		
138	22.0	22.5	33.7#
277	24.9	19.9	29.9

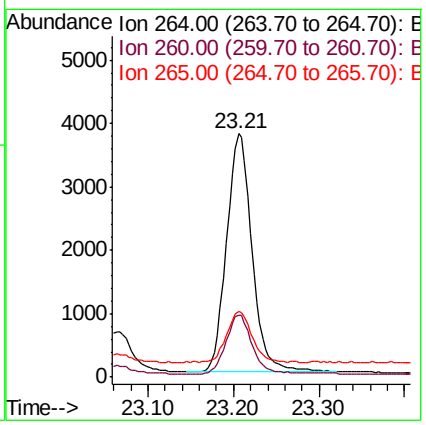


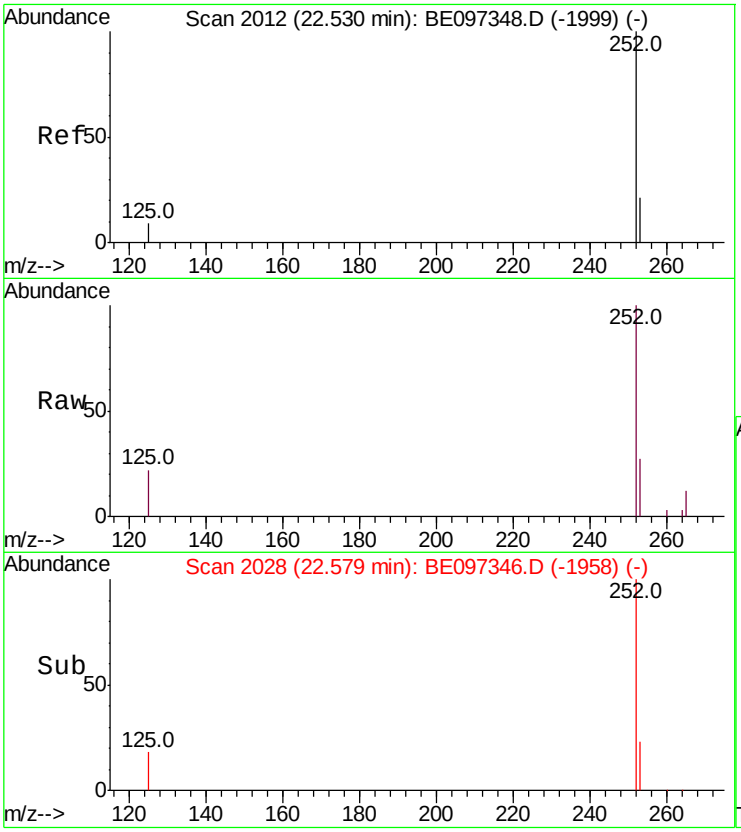


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:264 Resp: 7820

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	26.9	22.8	34.2



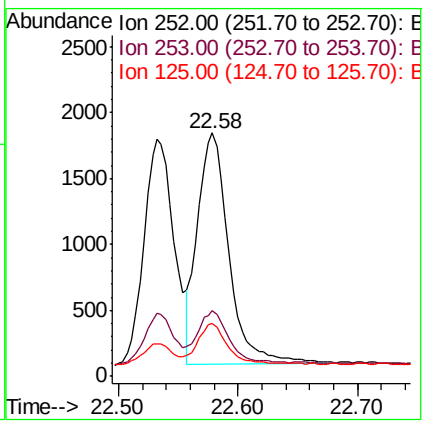


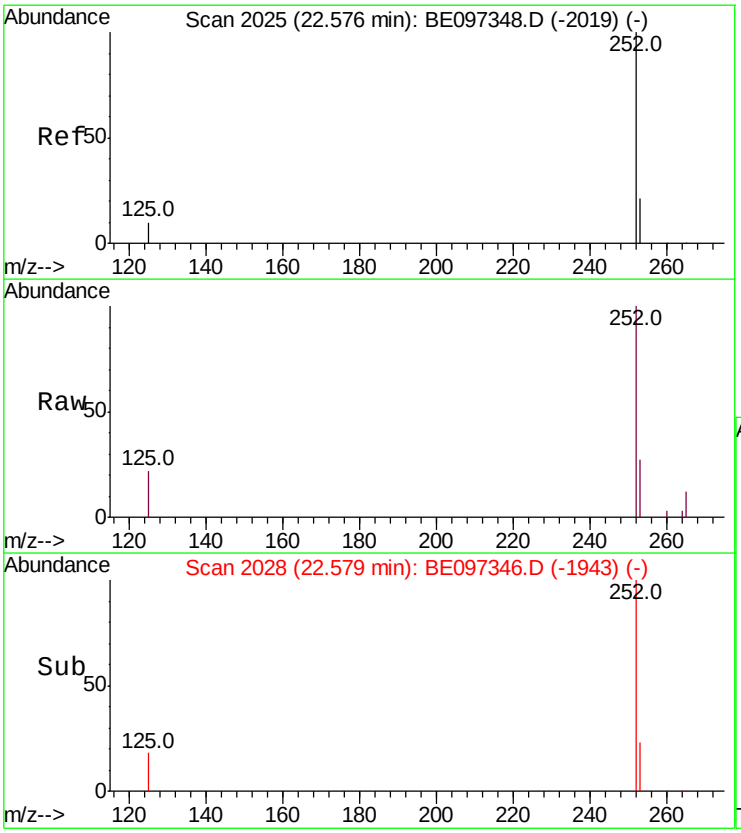
#35
Benzo(b)fluoranthene
Concen: 0.155 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.05 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3193

Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.0	30.0
125	21.8	16.0	24.0

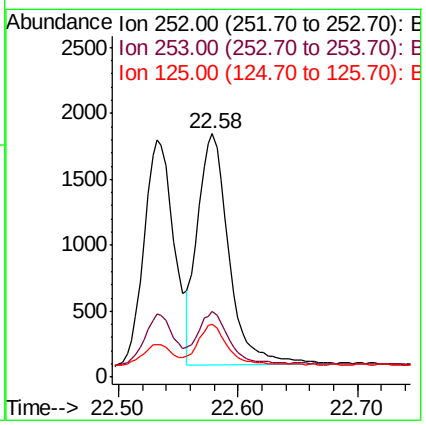


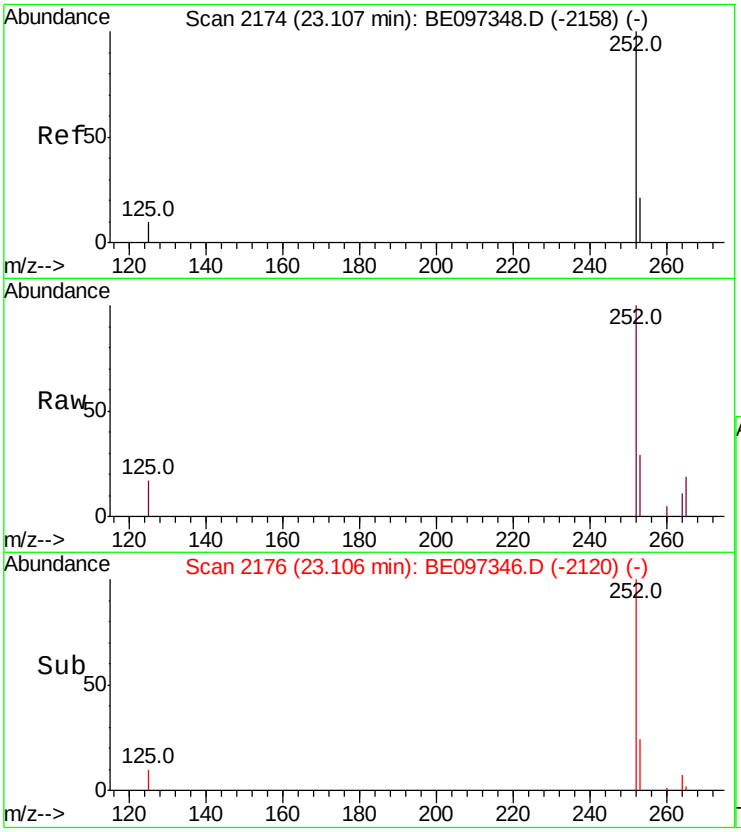


#36
Benzo(k)fluoranthene
Concen: 0.110 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:252 Resp: 3193

Ion	Ratio	Lower	Upper
252	100		
253	26.8	16.0	24.0#
125	21.8	8.0	12.0#



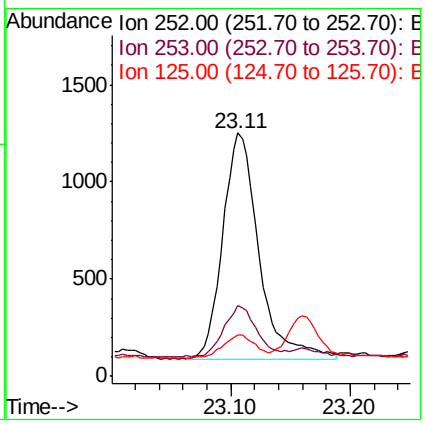


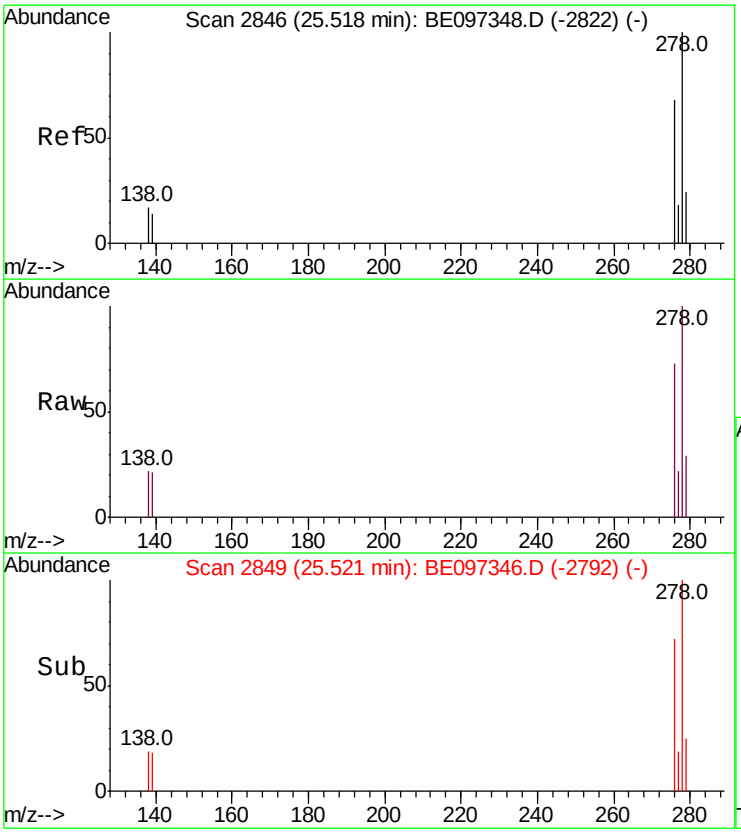
#37
Benzo(a)pyrene
Concen: 0.130 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2447

Ion	Ratio	Lower	Upper
252	100		
253	29.2	16.0	24.0#
125	16.8	12.0	18.0

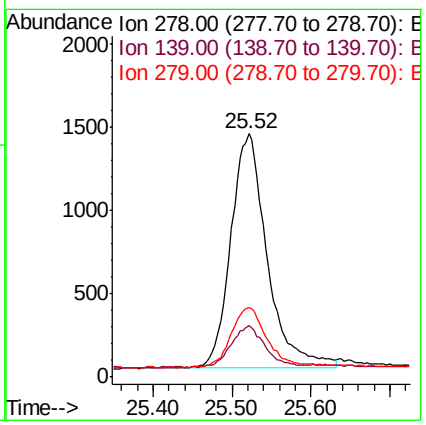


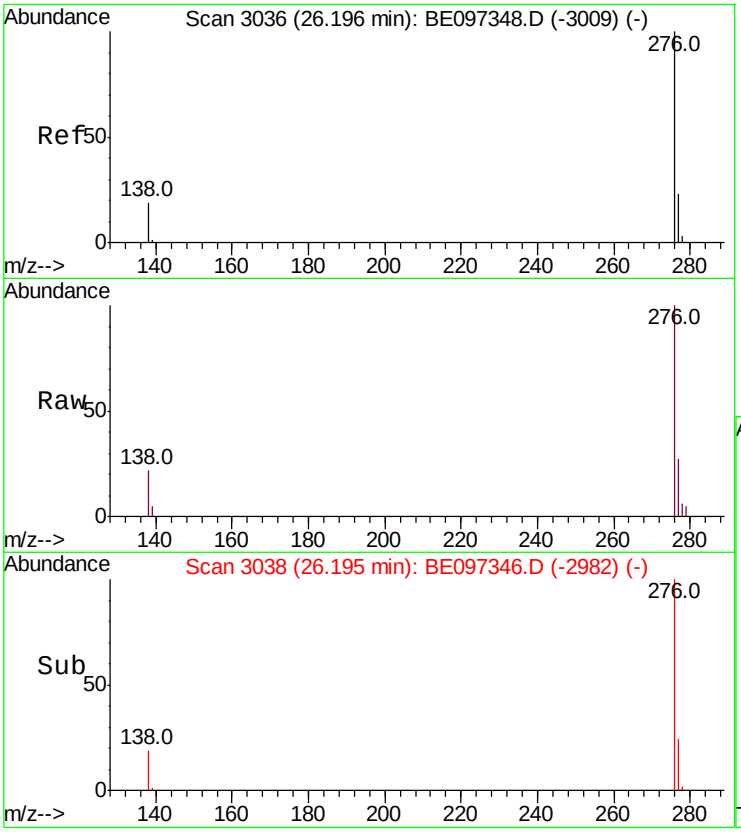


#38
Dibenzo(a,h)anthracene
Concen: 0.280 ng
RT: 25.52 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:278 Resp: 4492

Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.0	24.0
279	28.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.297 ng
RT: 26.20 min Scan# 3038
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4803

Ion	Ratio	Lower	Upper
276	100		
277	27.0	16.0	24.0#
138	22.0	20.0	30.0