Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
Data File : BE097347.D
Acq On : 22 Aug 2018 14:47
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Aug 22 16:06:32 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	821	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3779	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2065	0.40	ng		-0.01
19) Phenanthrene-d10	16.76	188	5810	0.40	ng		0.00
27) Chrysene-d12	20.97	240	7482	0.40	ng		0.00
34) Perylene-d12	23.21	264	7476	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	468	0.25	ng		0.00
5) Phenol-d6	6.59	99	579	0.21	ng		0.00
8) Nitrobenzene-d5	8.52	82	504	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	1061	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	121	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	1436	0.17	ng		0.00
25) Fluoranthene-d10	18.80	212	13375	0.26	ng		0.00
29) Terphenyl-d14	19.42	244	2616	0.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	352	0.270	ng	#	76
3) n-Nitrosodimethylamine	3.38	42	241	0.212	ng	#	92
6) bis(2-Chloroethyl)ether	6.82	93	574	0.207	ng		92
9) Naphthalene	10.19	128	6675	0.193	ng	#	98
10) Hexachlorobutadiene	10.47	225	307	0.201	ng		97
12) 2-Methylnaphthalene	11.80	142	1043	0.200	ng		96
16) Acenaphthylene	13.73	152	1514	0.193	ng		98
17) Acenaphthene	14.07	154	1042	0.188	ng		95
18) Fluorene	15.06	166	1318	0.194	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	492	0.188	ng	#	81
21) Hexachlorobenzene	16.08	284	524	0.149	ng	#	84
22) Pentachlorophenol	16.44	266	136	0.394	ng		85
23) Phenanthrene	16.80	178	2657	0.187	ng		98
24) Anthracene	16.89	178	2129	0.203	ng		96
26) Fluoranthene	18.84	202	3236	0.237	ng		99
28) Pyrene	19.20	202	3431	0.171	ng		99
30) Benzo(a)anthracene	20.96	228	3521	0.219	ng		97
31) Chrysene	21.00	228	3967	0.188	ng		96
32) Bis(2-ethylhexyl)phthalate	20.92	149	5036	0.514	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.50	276	6121	0.457	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	3978	0.202	ng	#	92
36) Benzo(k)fluoranthene	22.58	252	4501	0.163	ng	#	89
37) Benzo(a)pyrene	23.11	252	3604	0.201	ng	#	92
38) Dibenzo(a,h)anthracene	25.52	278	5116	0.333	ng		95
39) Benzo(g,h,i)perylene	26.20	276	5407	0.350	ng	#	90

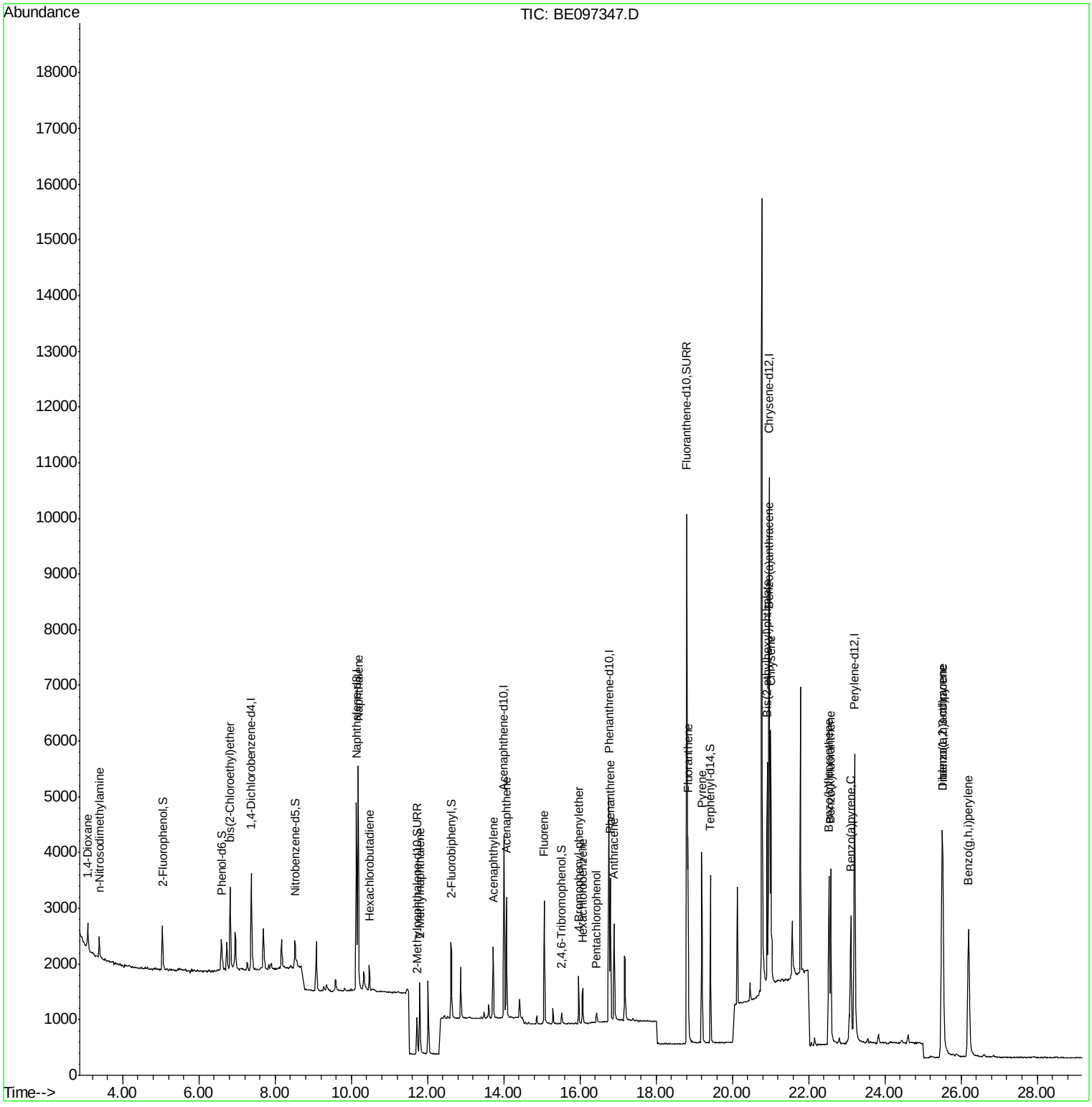
(#) = qualifier out of range (m) = manual integration (+) = signals summed

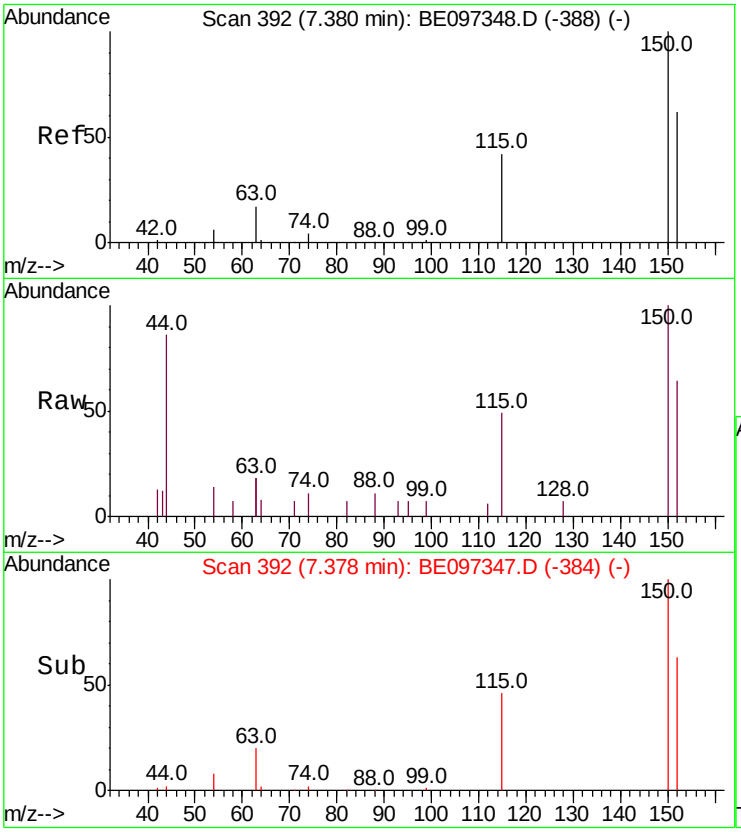
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
Data File : BE097347.D
Acq On : 22 Aug 2018 14:47
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Aug 22 16:06:32 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



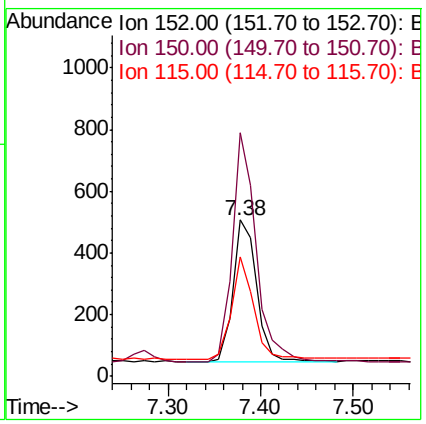


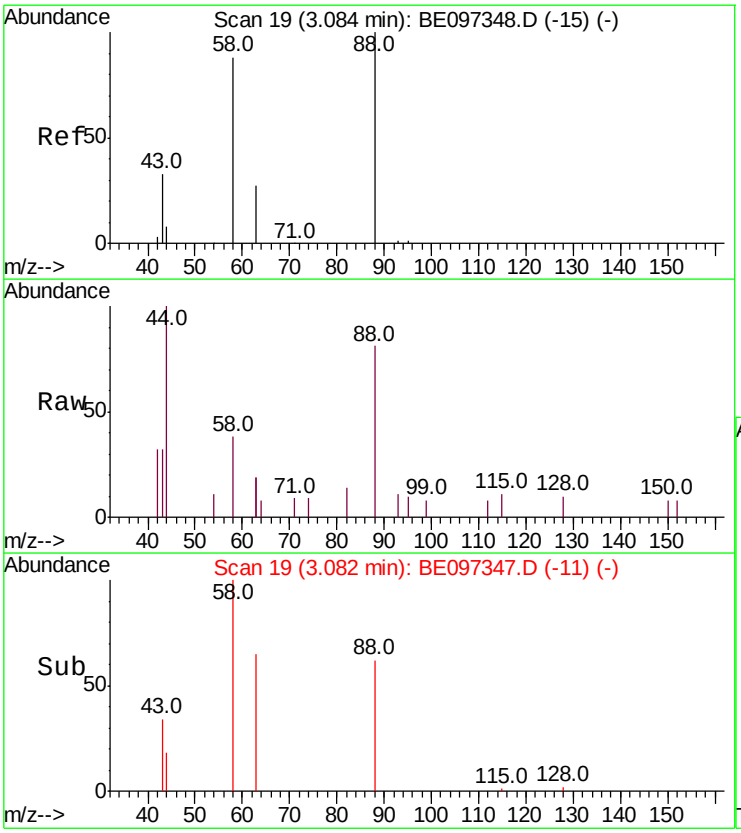
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 821

Ion	Ratio	Lower	Upper
152	100		
150	155.9	117.2	175.8
115	76.9	57.0	85.6

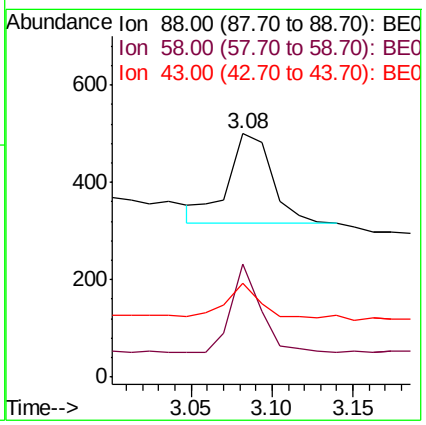


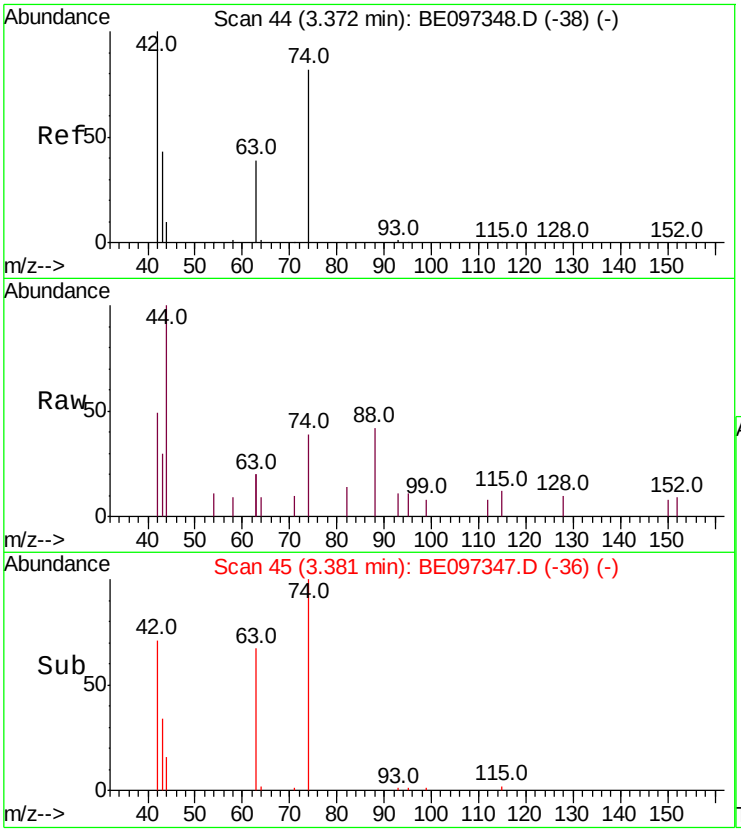


#2
1,4-Dioxane
Concen: 0.270 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion: 88 Resp: 352

Ion	Ratio	Lower	Upper
88	100		
58	65.3	63.2	94.8
43	26.4	41.2	61.8#



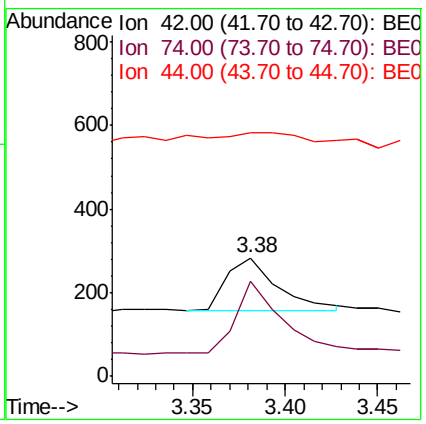


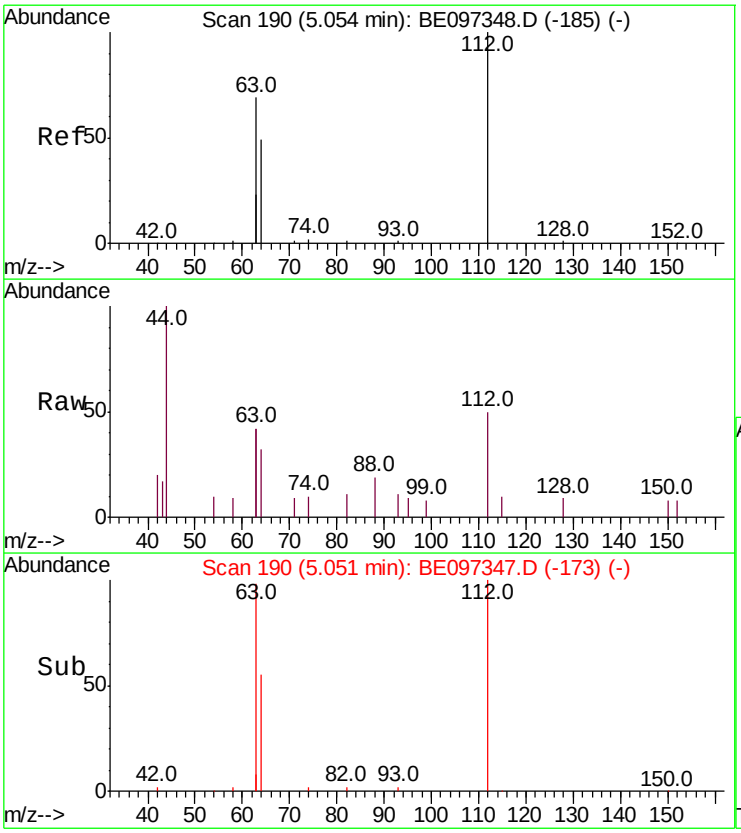
#3
n-Nitrosodimethylamine
Concen: 0.212 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 241

Ion	Ratio	Lower	Upper
42	100		
74	129.0	96.0	144.0
44	19.1	12.0	18.0#

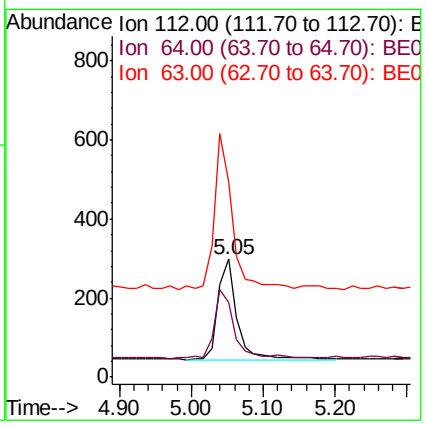


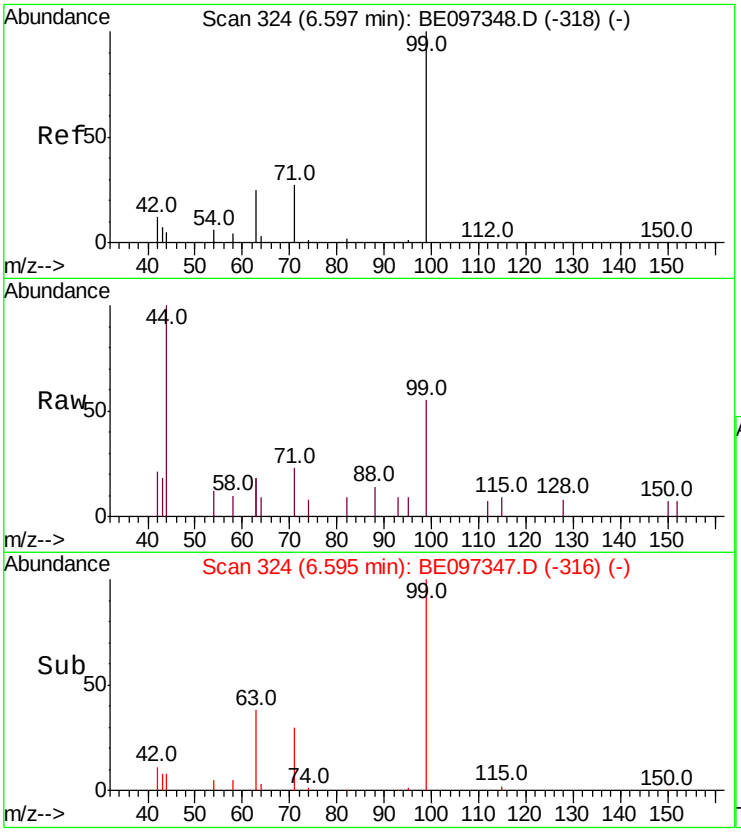


#4
2-Fluorophenol
Concen: 0.249 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:112 Resp: 468

Ion	Ratio	Lower	Upper
112	100		
64	67.9	60.1	90.1
63	148.9	116.8	175.2



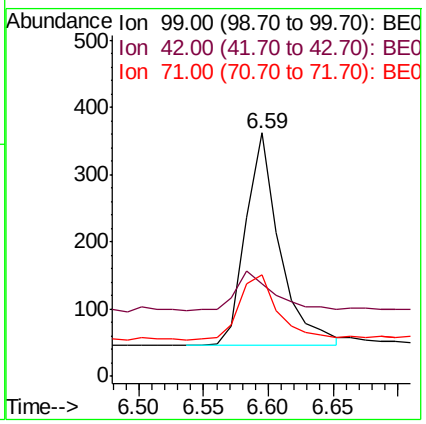


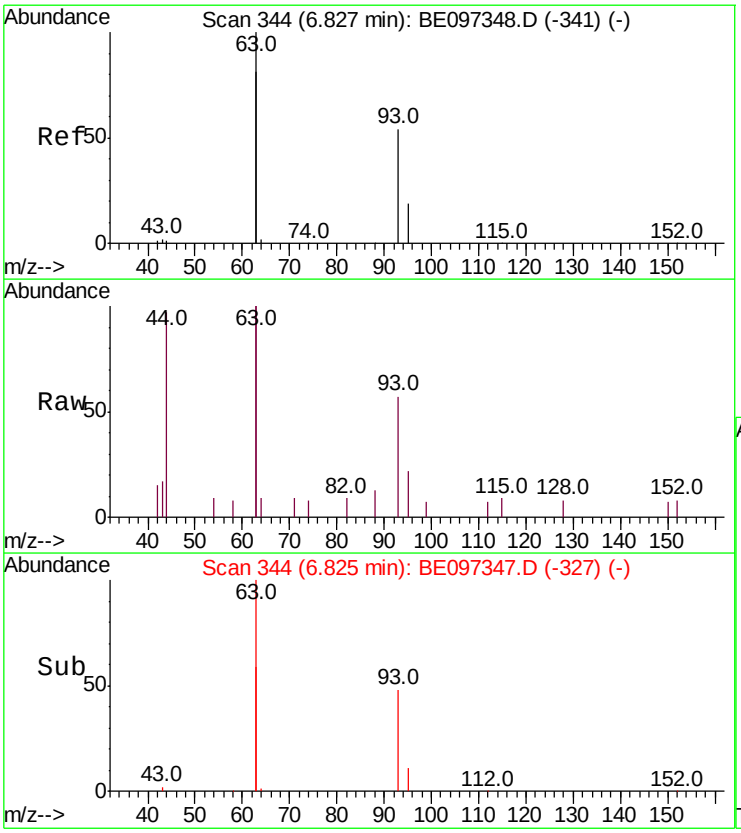
#5
Phenol-d6
Concen: 0.208 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 579

Ion	Ratio	Lower	Upper
99	100		
42	19.9	20.2	30.2#
71	36.6	28.4	42.6

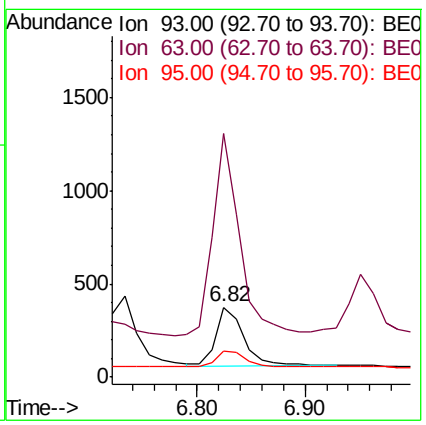


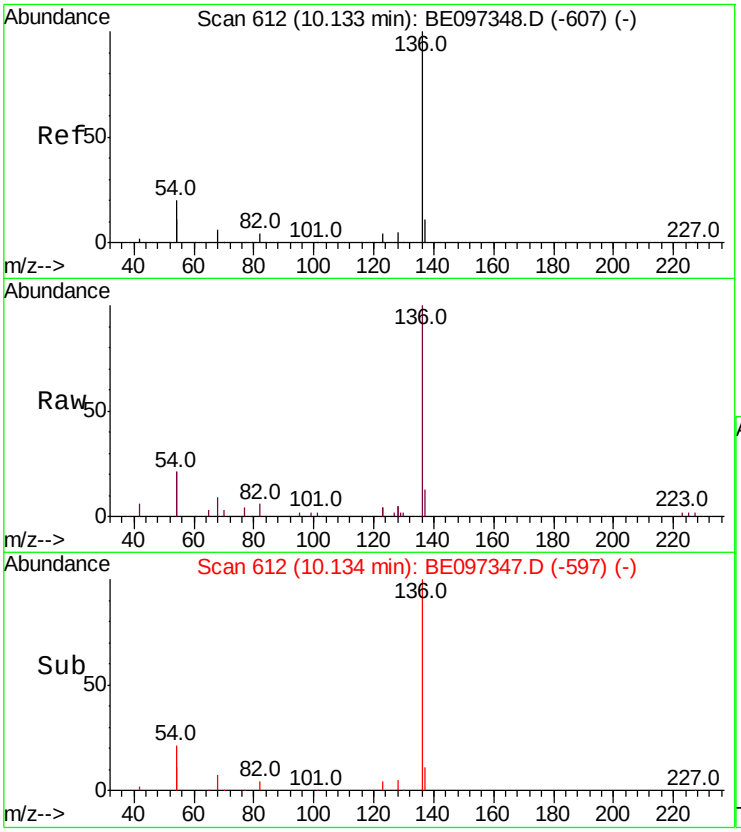


#6
bis(2-Chloroethyl)ether
Concen: 0.207 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion: 93 Resp: 574

Ion	Ratio	Lower	Upper
93	100		
63	327.0	275.3	412.9
95	30.1	25.2	37.8



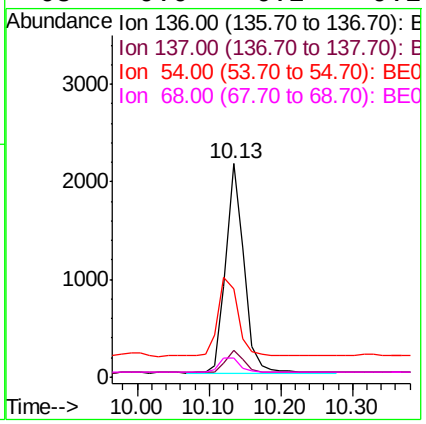


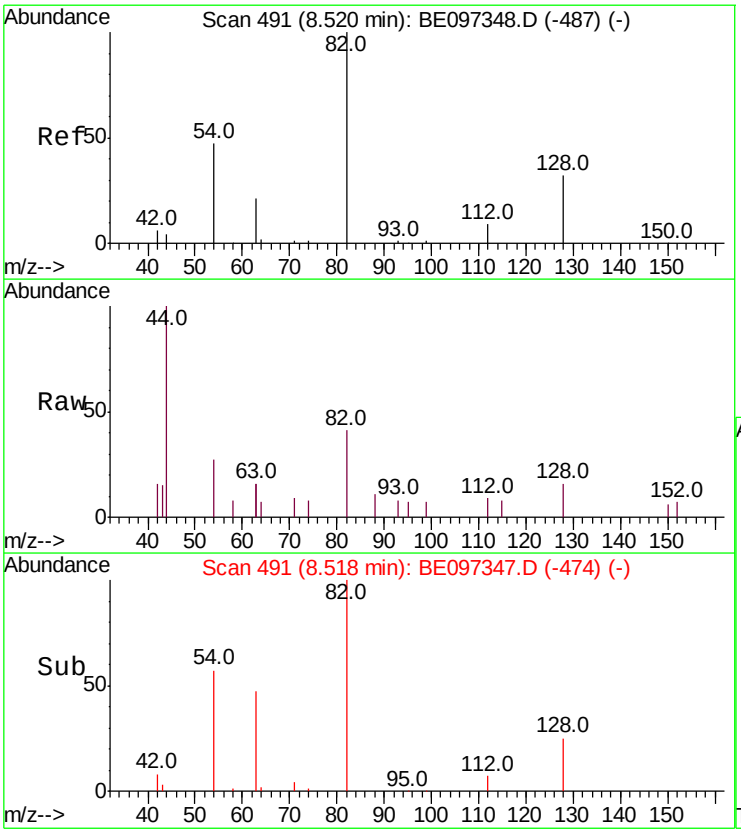
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 3779

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	41.2	29.1	43.7
68	9.0	6.2	9.2

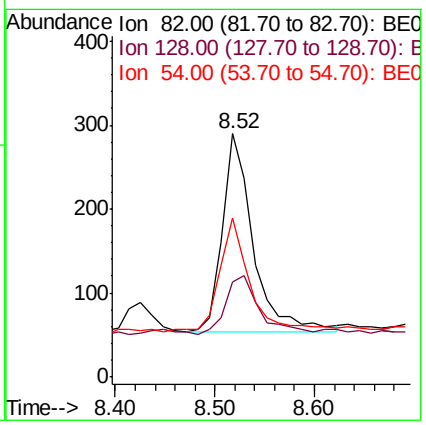


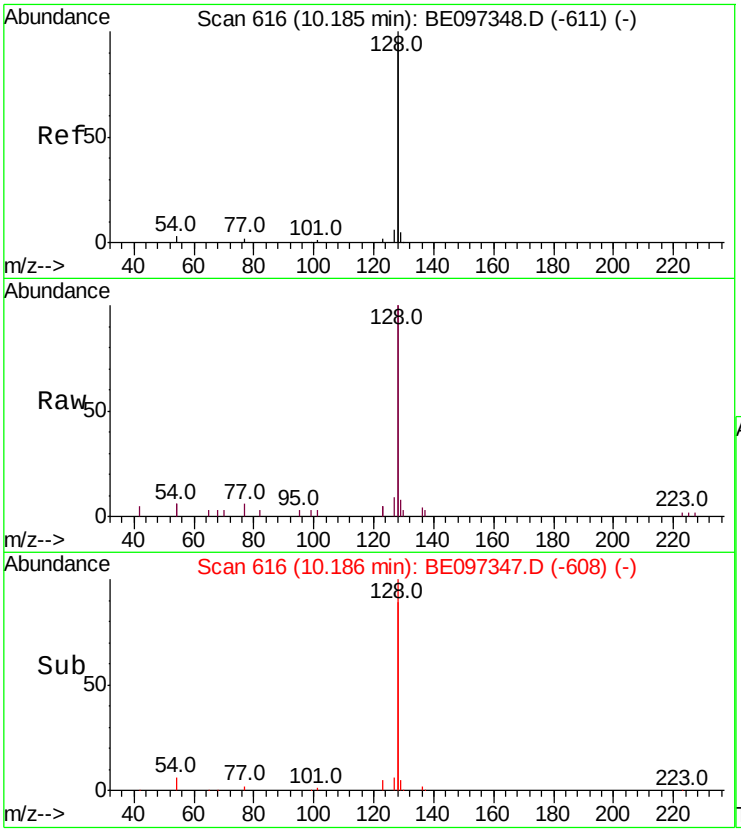


#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion: 82 Resp: 504

Ion	Ratio	Lower	Upper
82	100		
128	39.0	24.0	36.0#
54	65.2	40.0	60.0#



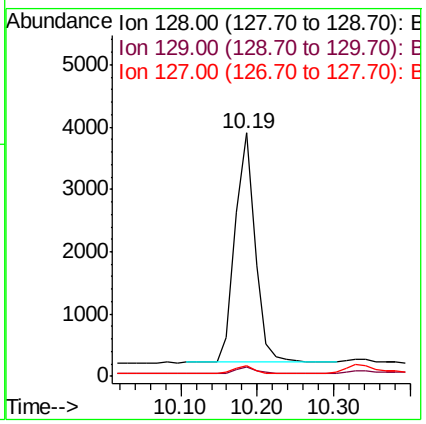


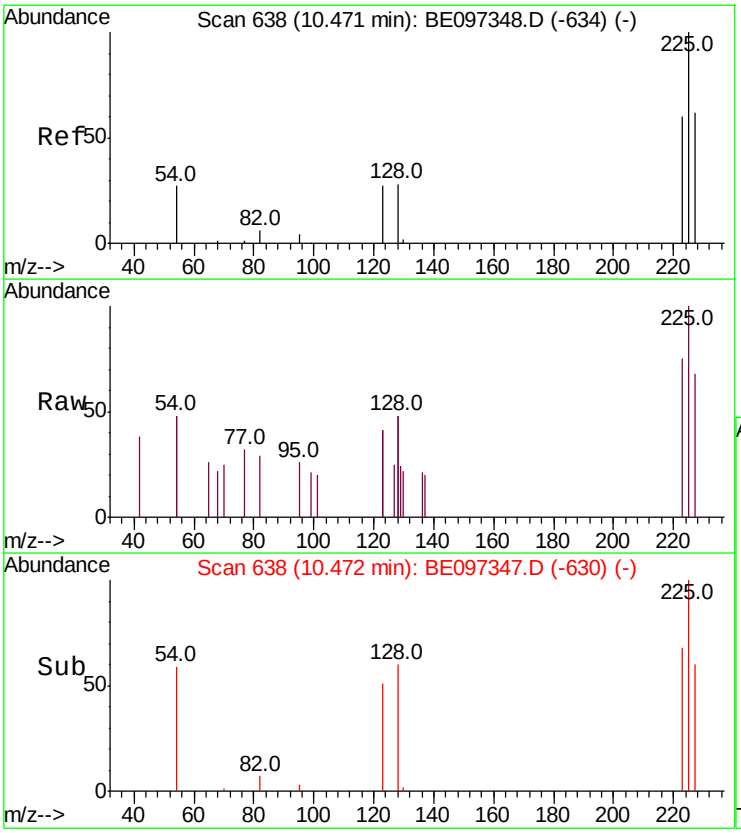
#9
Naphthalene
Concen: 0.193 ng
RT: 10.19 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 6675

Ion	Ratio	Lower	Upper
128	100		
129	3.8	2.6	3.8
127	4.4	2.8	4.2#

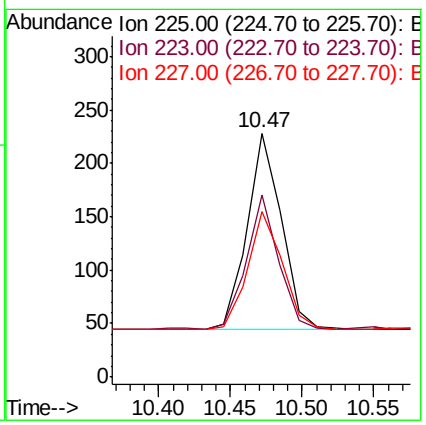


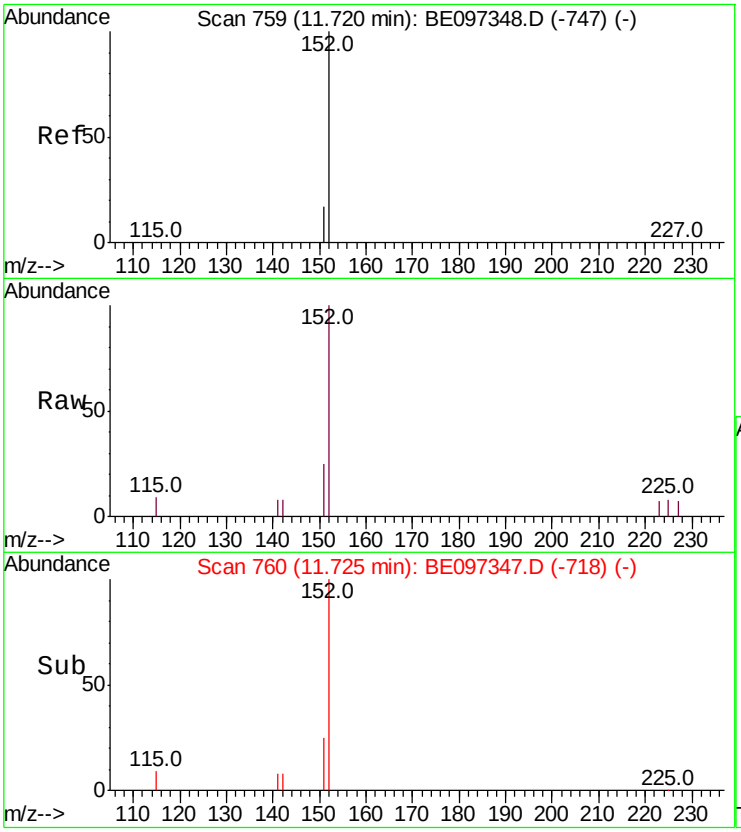


#10
Hexachlorobutadiene
Concen: 0.201 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:225 Resp: 307

Ion	Ratio	Lower	Upper
225	100		
223	66.1	53.0	79.6
227	59.3	51.4	77.2



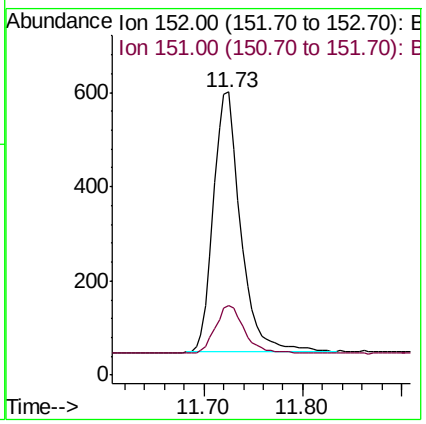


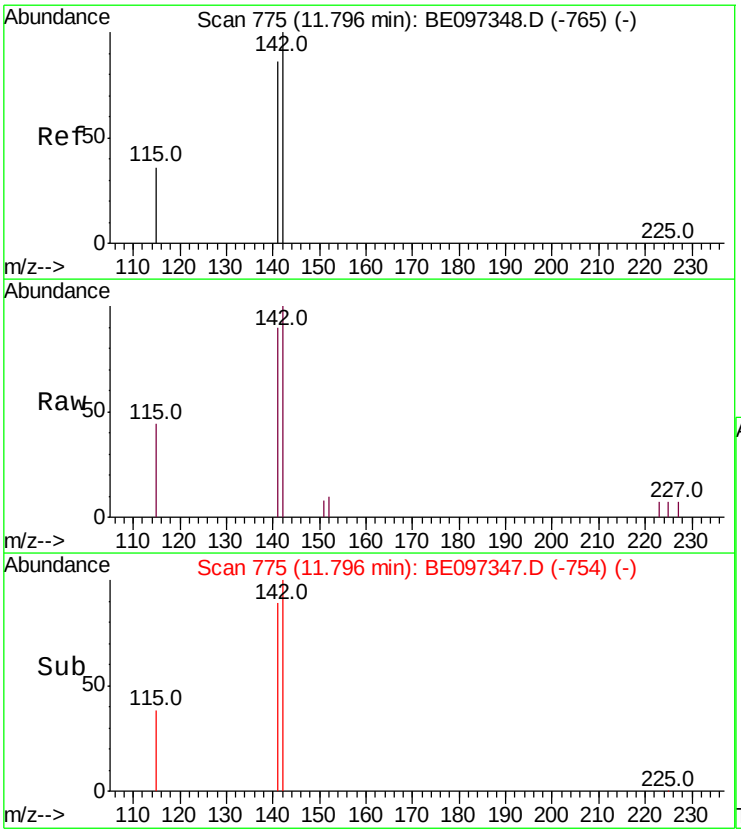
#11
2-Methylnaphthalene-d10
Concen: 0.208 ng
RT: 11.73 min Scan# 760
Delta R.T. 0.01 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1061

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

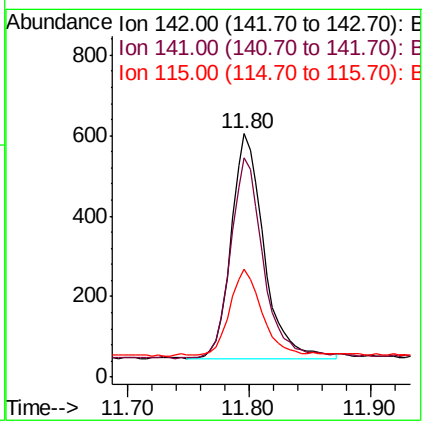


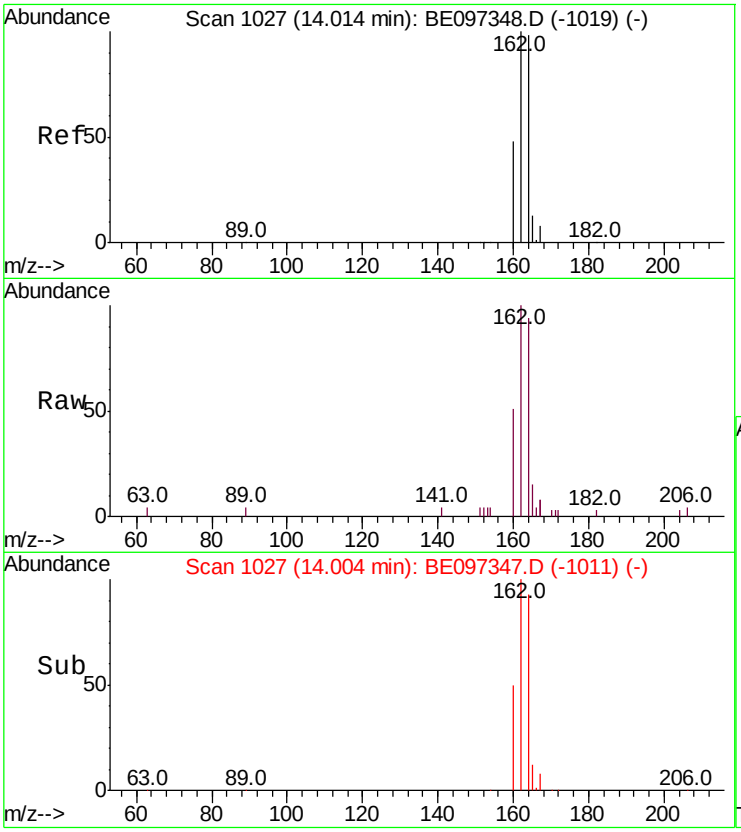


#12
2-Methylnaphthalene
Concen: 0.200 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:142 Resp: 1043

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.4	105.6
115	44.5	31.7	47.5



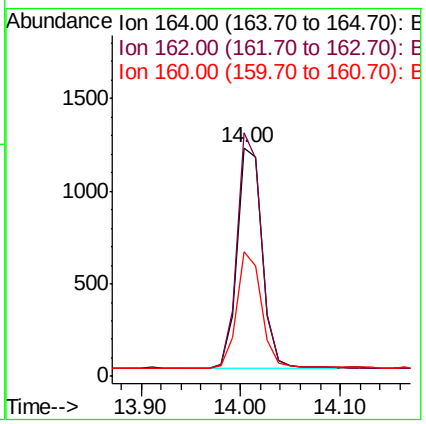


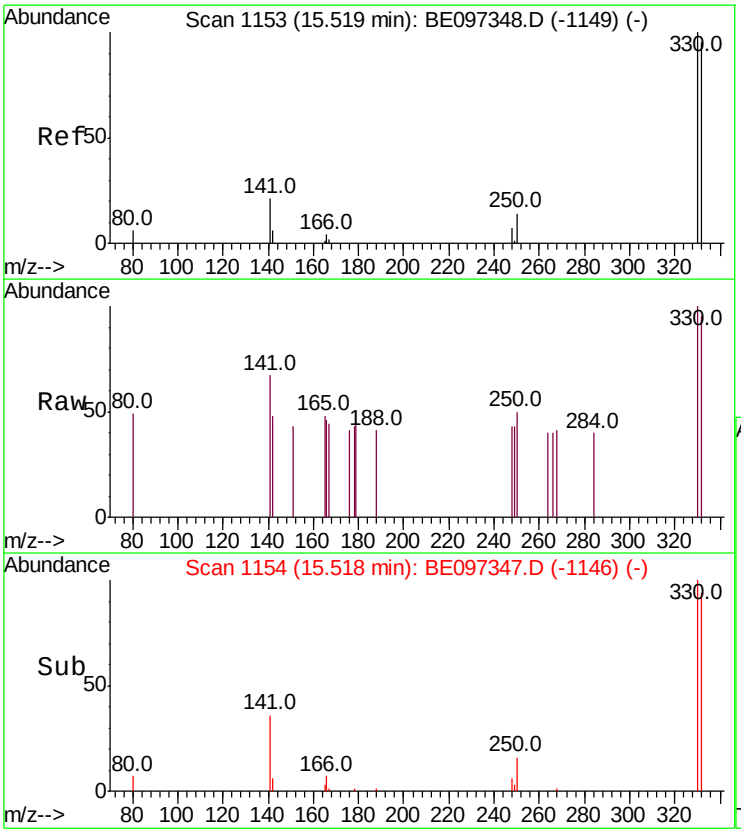
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 2065

Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.1	124.7
160	54.8	37.1	55.7

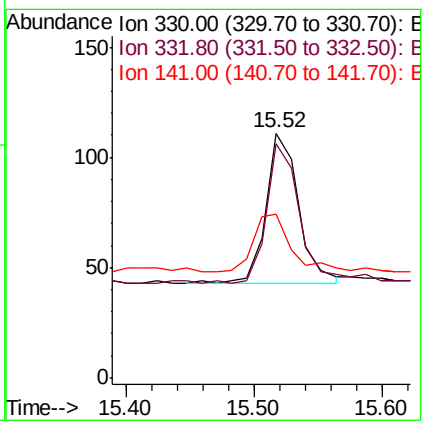


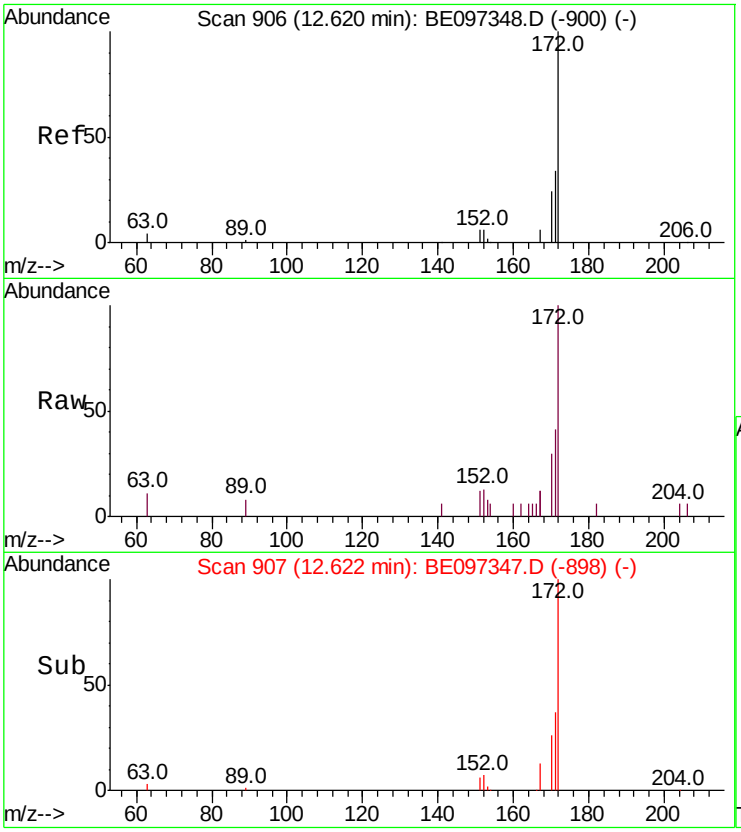


#14
2,4,6-Tribromophenol
Concen: 0.356 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:330 Resp: 121

Ion	Ratio	Lower	Upper
330	100		
332	93.4	152.7	229.1#
141	44.6	33.7	50.5



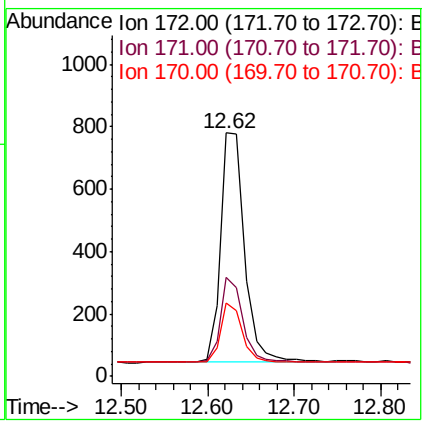


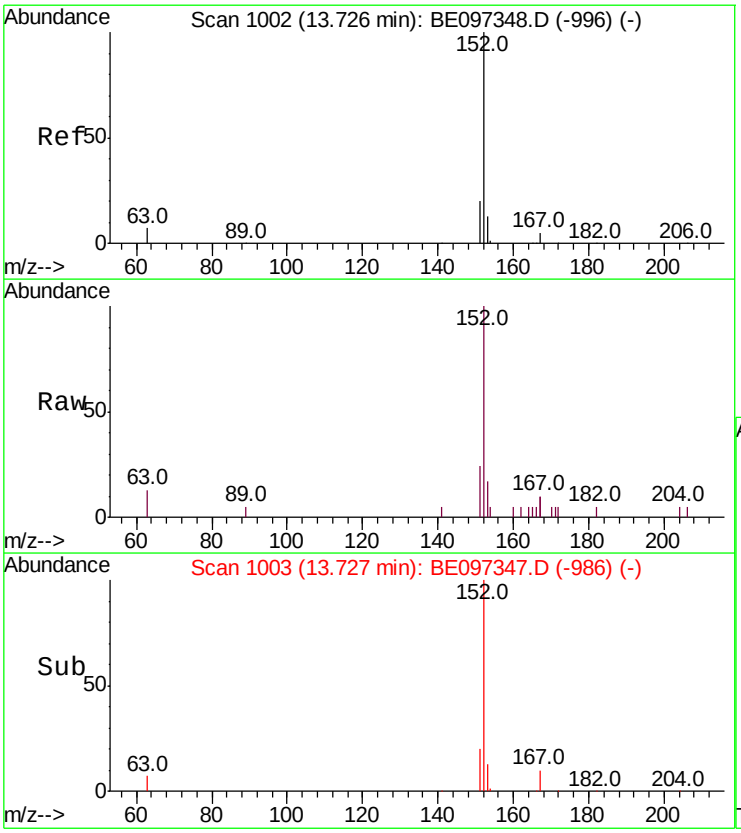
#15
2-Fluorobiphenyl
Concen: 0.170 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 1436

Ion	Ratio	Lower	Upper
172	100		
171	40.6	29.9	44.9
170	30.0	21.8	32.8

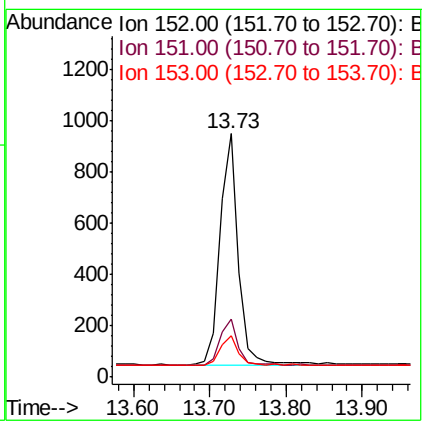


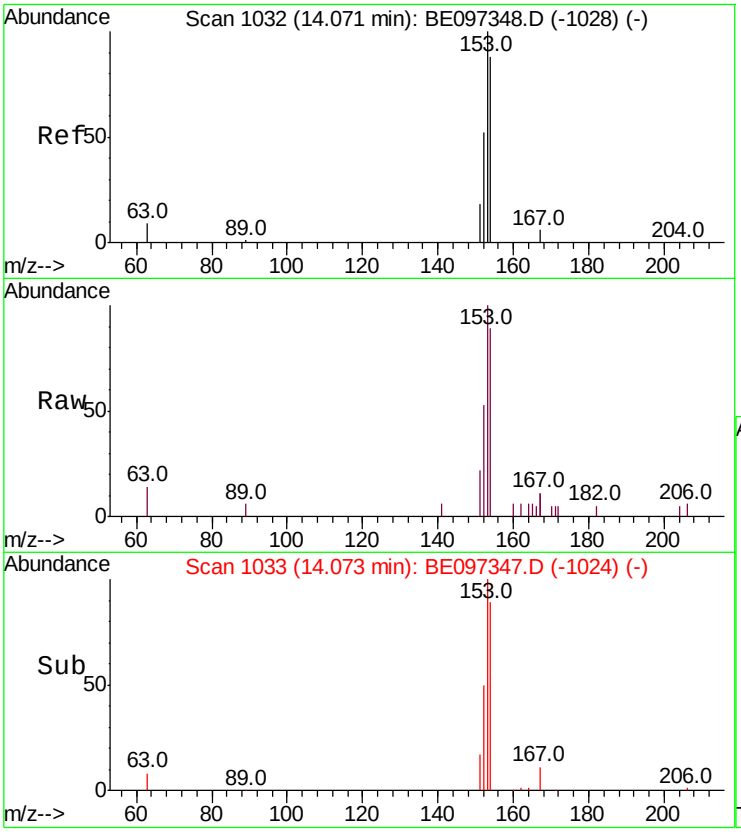


#16
Acenaphthylene
Concen: 0.193 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:152 Resp: 1514

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	12.5	10.5	15.7



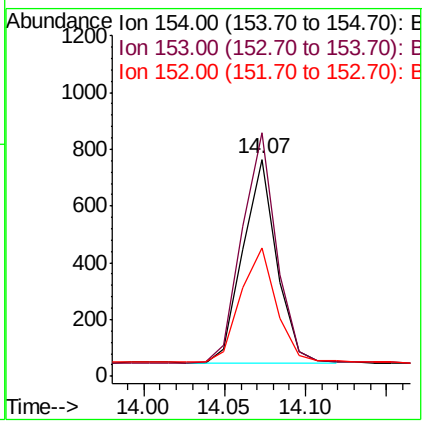


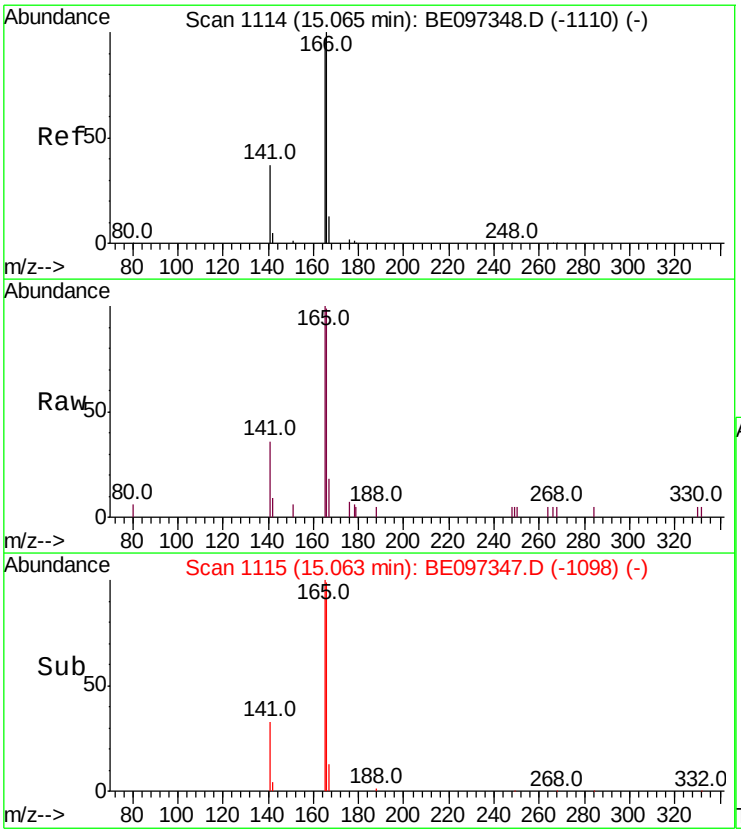
#17
Acenaphthene
Concen: 0.188 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1042

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.2	133.8
152	60.0	42.0	63.0

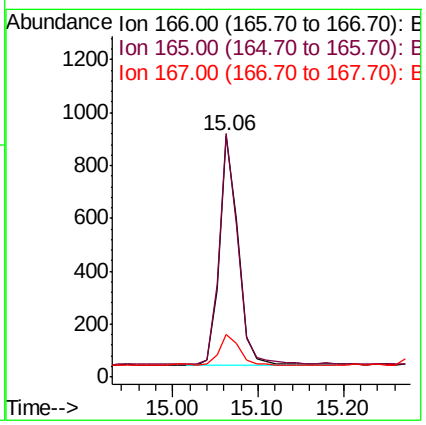


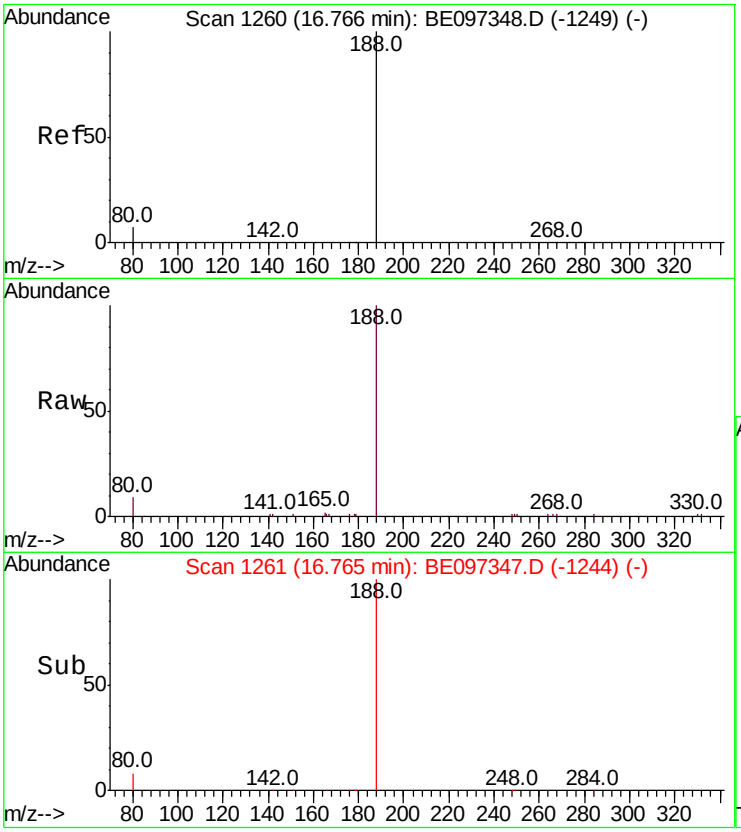


#18
Fluorene
Concen: 0.194 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:166 Resp: 1318

Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.8	116.6
167	14.3	42.4	63.6#



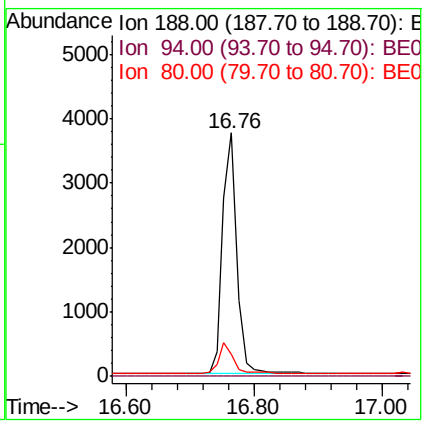


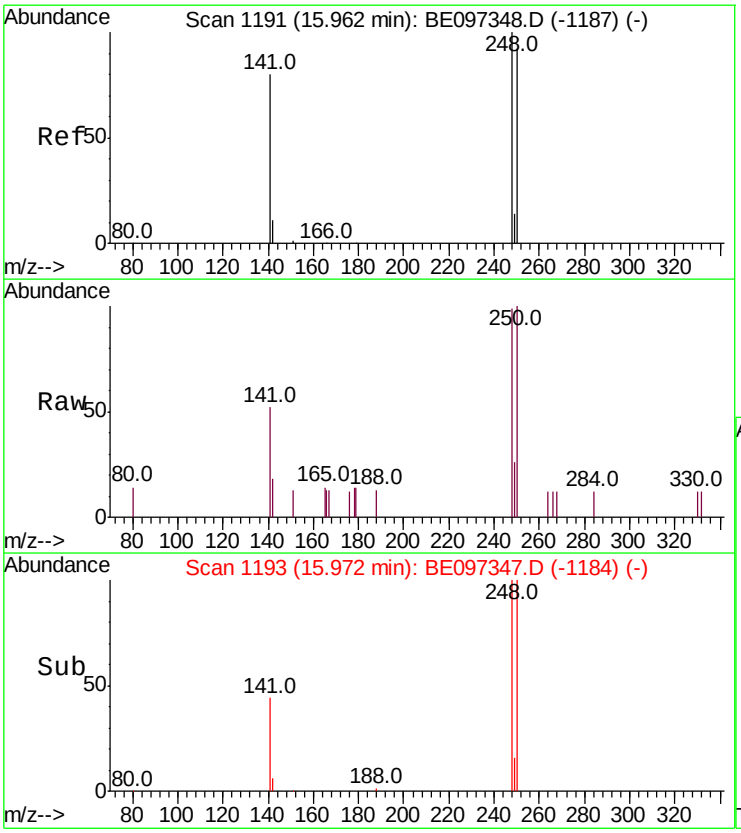
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 5810

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.0	3.6	5.4#

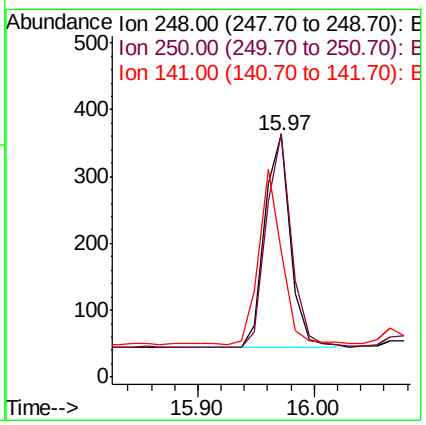


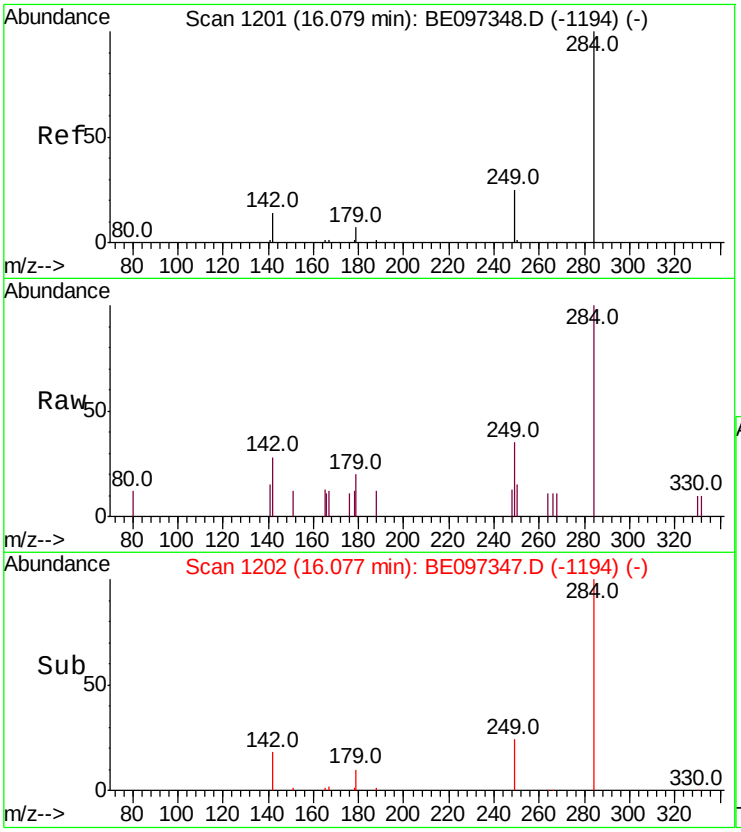


#20
4-Bromophenyl-phenylether
Concen: 0.188 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:248 Resp: 492

Ion	Ratio	Lower	Upper
248	100		
250	100.6	62.7	94.1#
141	52.2	48.2	72.2



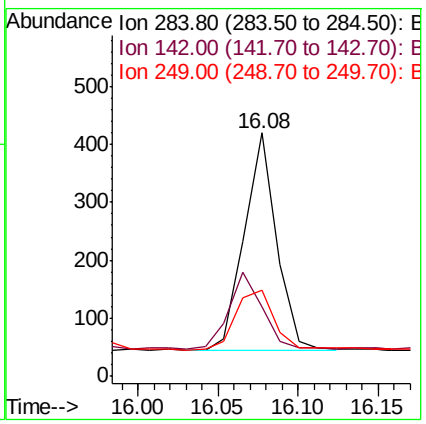


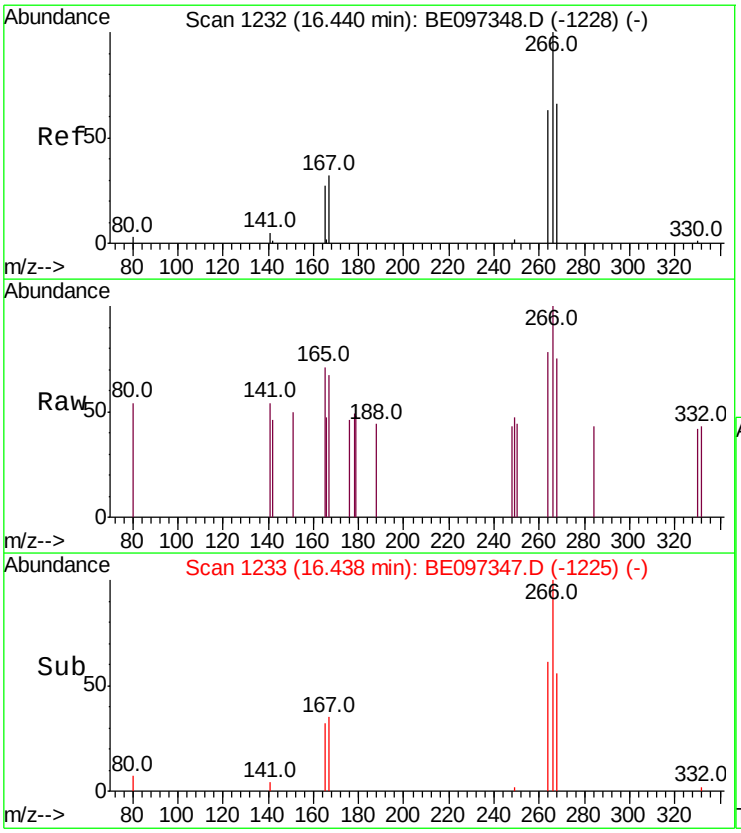
#21
Hexachlorobenzene
Concen: 0.149 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 524

Ion	Ratio	Lower	Upper
284	100		
142	36.1	22.1	33.1#
249	33.6	34.8	52.2#

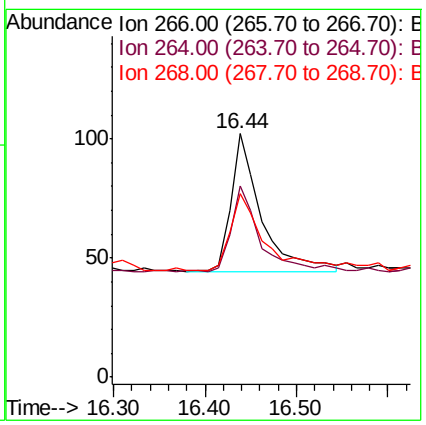


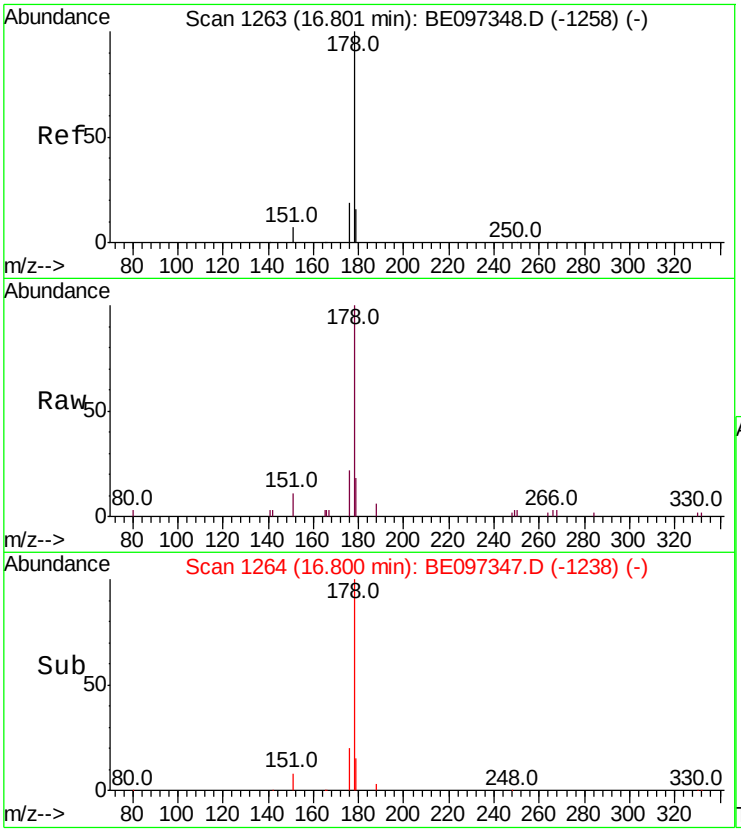


#22
Pentachlorophenol
Concen: 0.394 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:266 Resp: 136

Ion	Ratio	Lower	Upper
266	100		
264	78.4	72.5	108.7
268	75.5	73.8	110.6



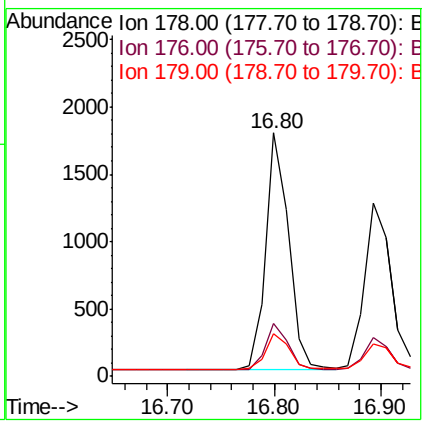


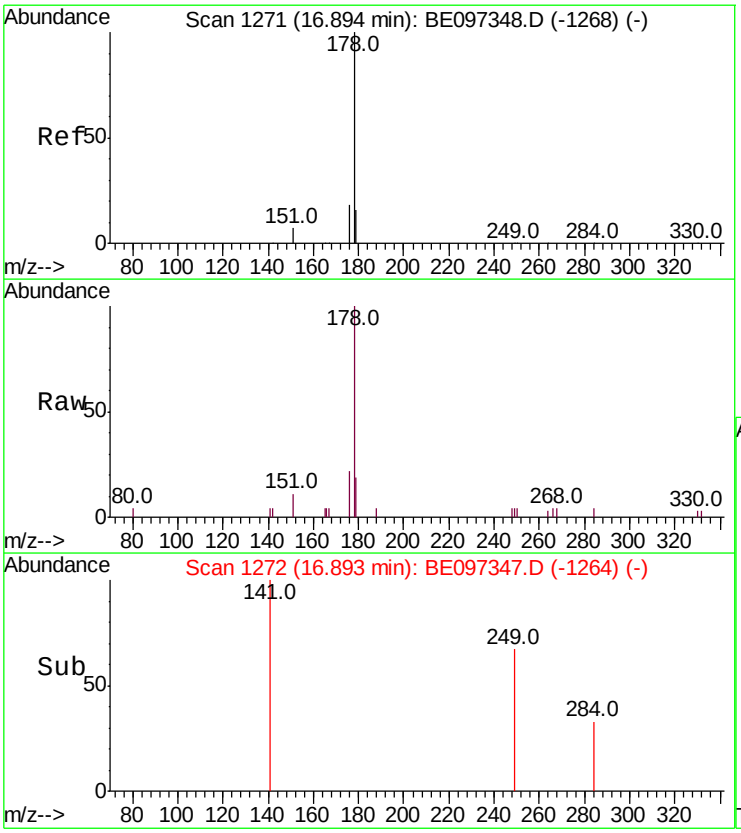
#23
Phenanthrene
Concen: 0.187 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 2657

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.7	11.8	17.6

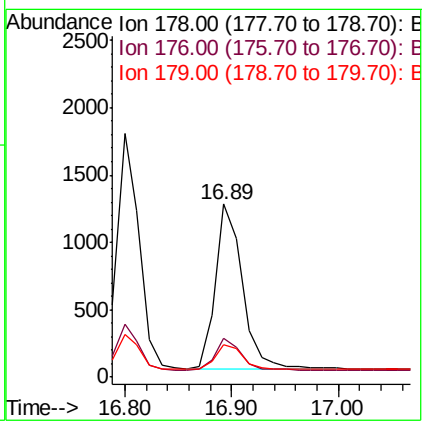


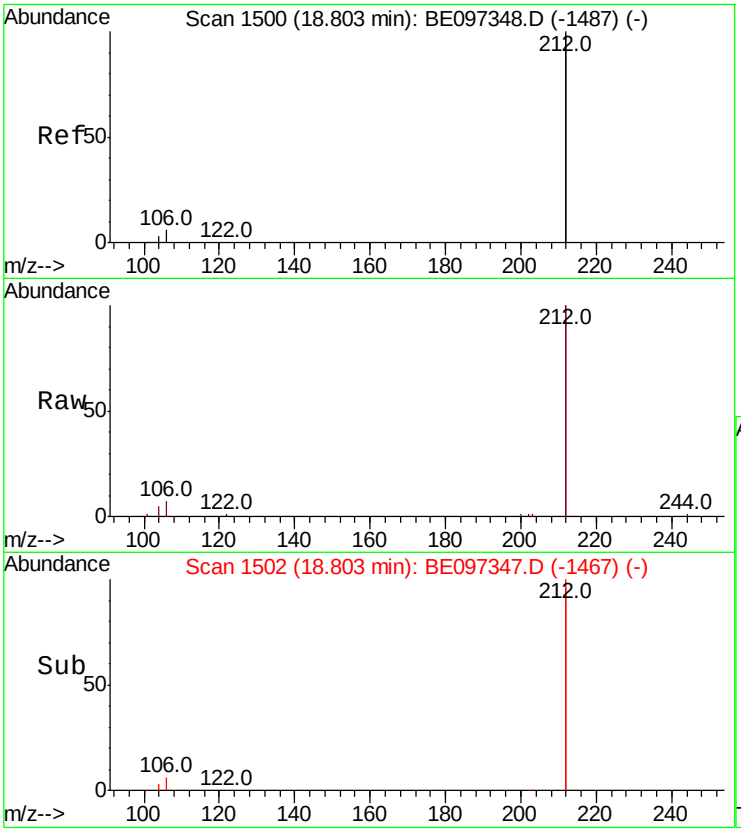


#24
Anthracene
Concen: 0.203 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:178 Resp: 2129

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.5	13.0	19.6



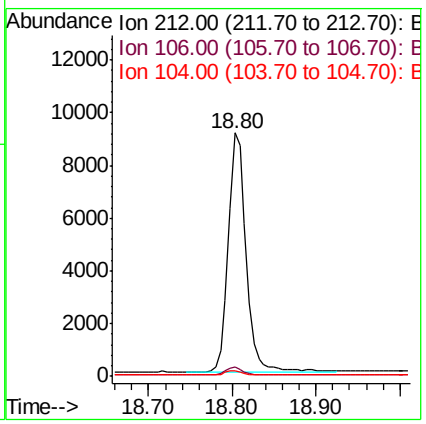


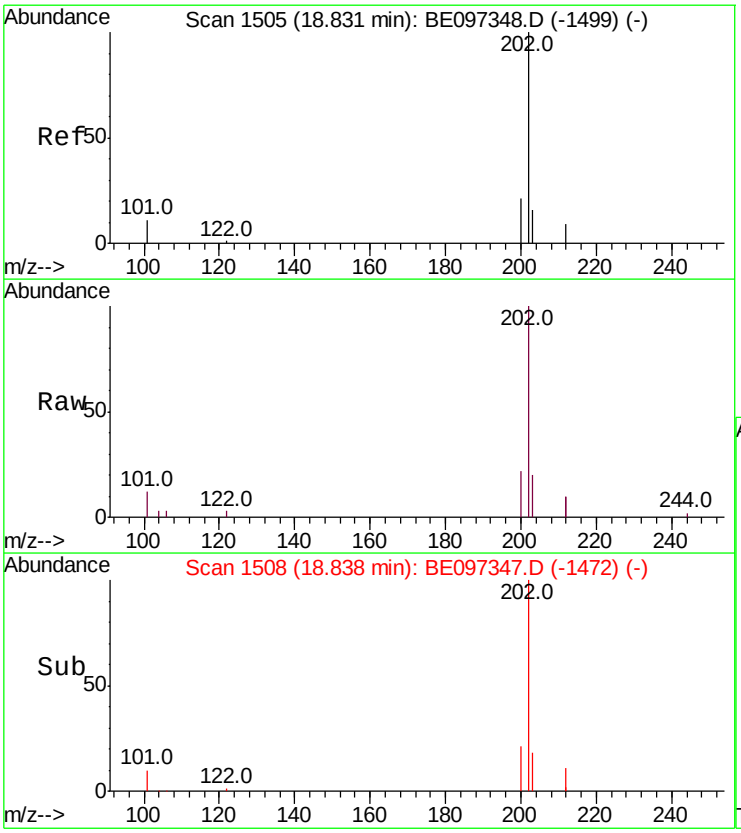
#25
Fluoranthene-d10
Concen: 0.258 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 13375

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4

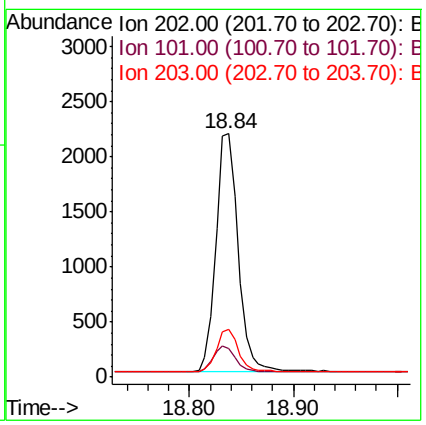


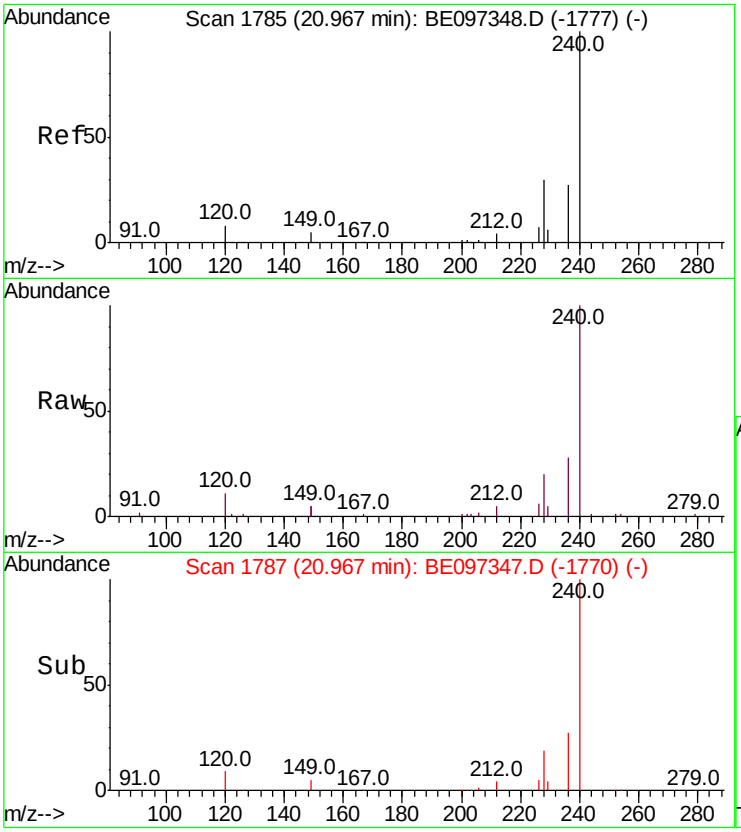


#26
Fluoranthene
Concen: 0.237 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:202 Resp: 3236

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.8
203	17.3	13.7	20.5



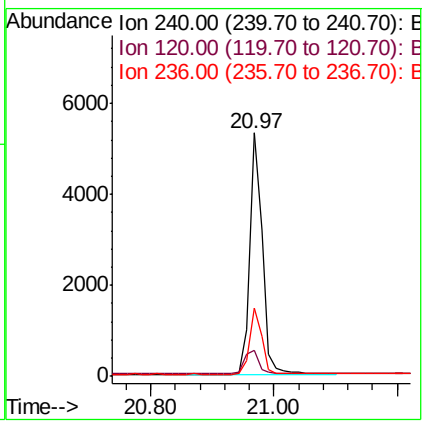


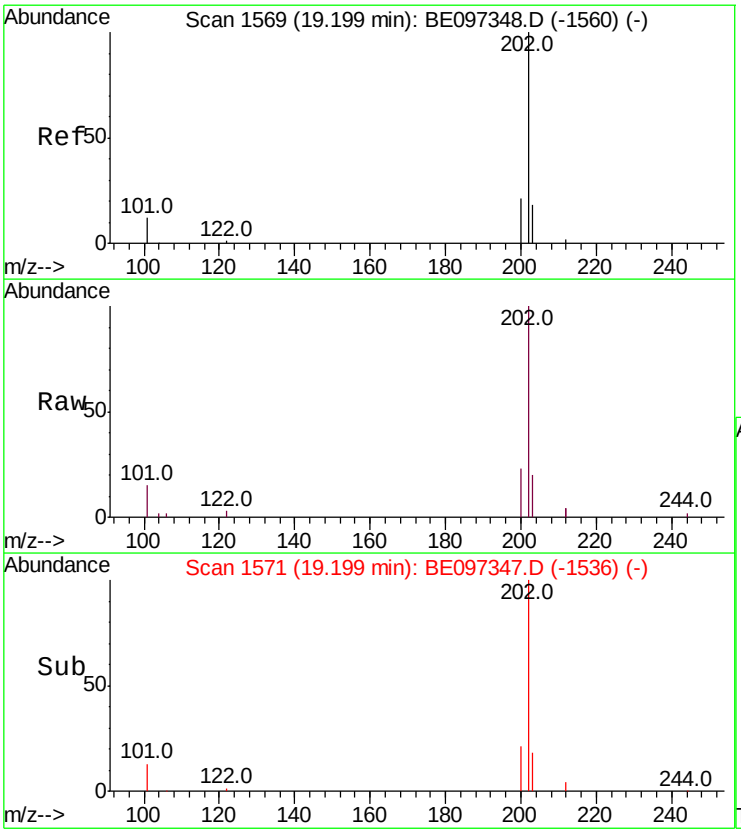
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 7482

Ion	Ratio	Lower	Upper
240	100		
120	10.6	5.5	8.3#
236	28.0	20.7	31.1

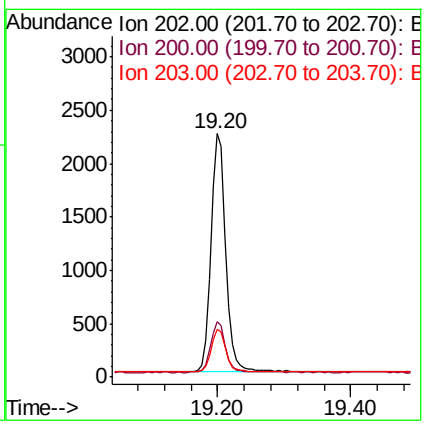


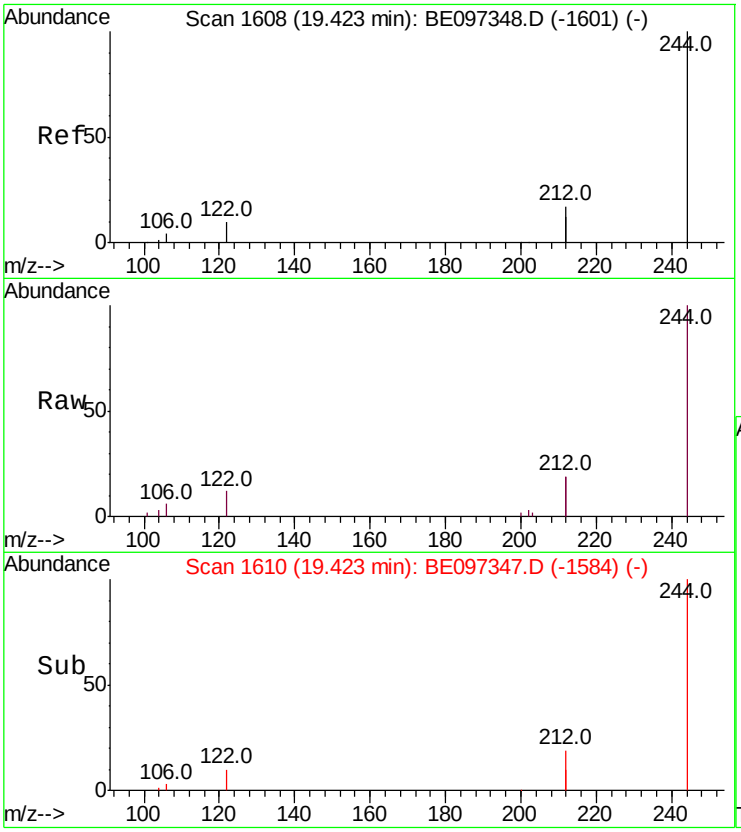


#28
Pyrene
Concen: 0.171 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:202 Resp: 3431

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.8	13.8	20.8



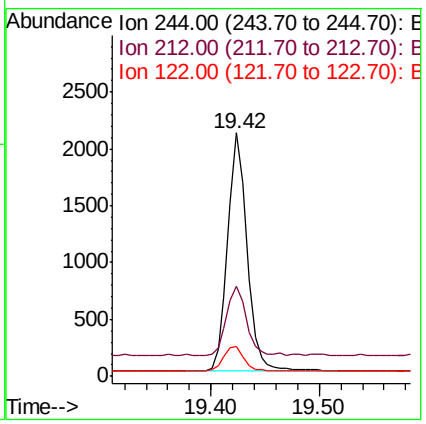


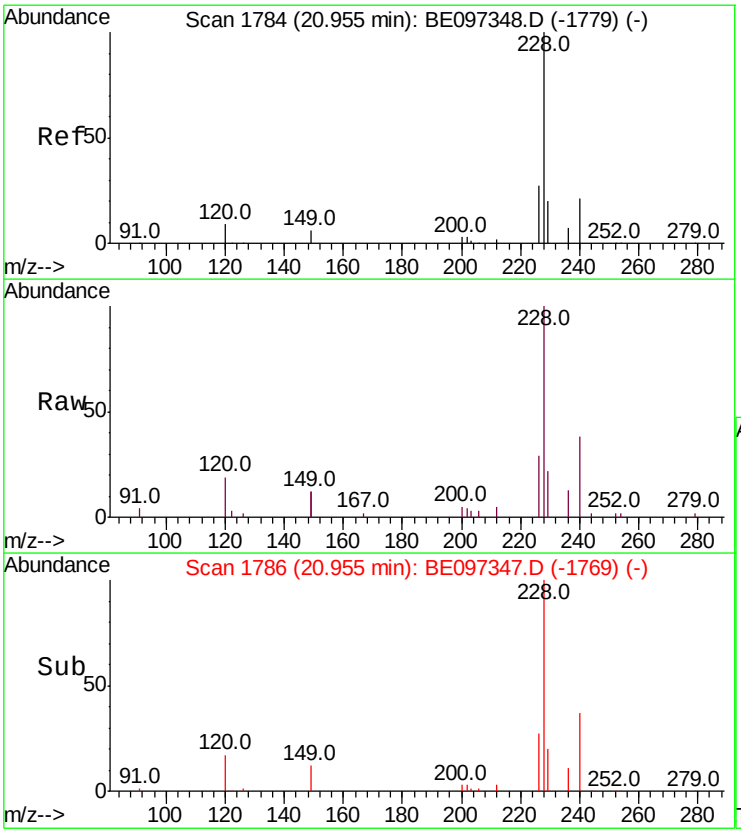
#29
Terphenyl-d14
Concen: 0.175 ng
RT: 19.42 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 2616

Ion	Ratio	Lower	Upper
244	100		
212	37.1	25.4	38.0
122	12.1	8.1	12.1

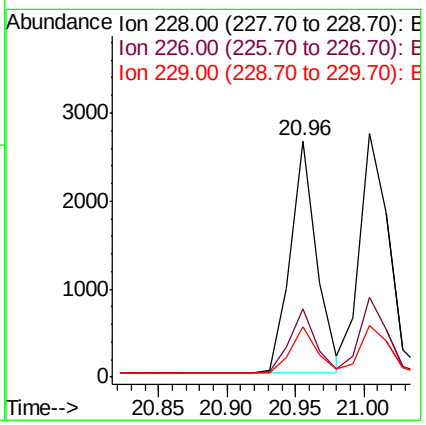


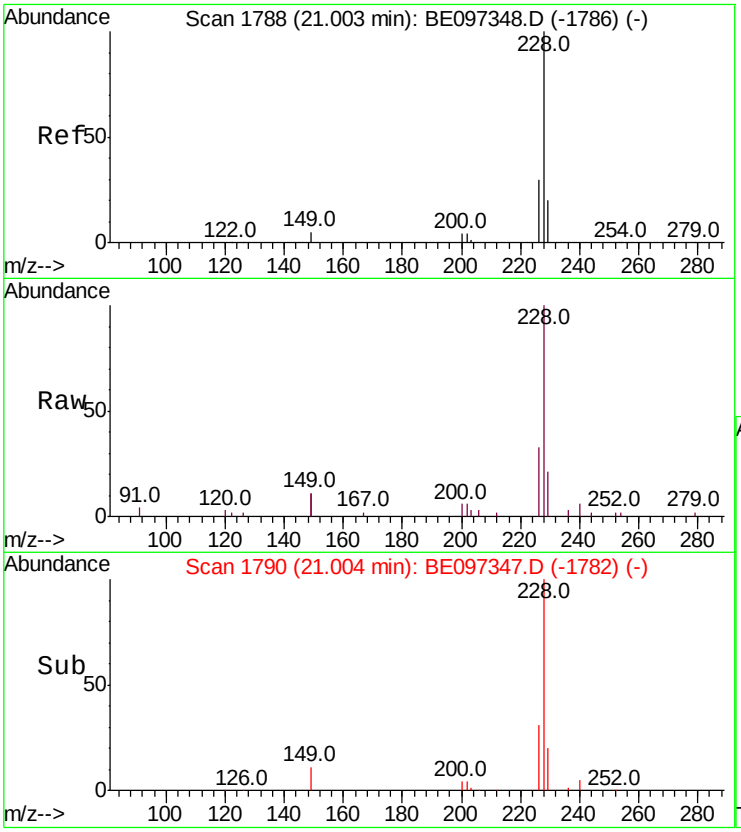


#30
Benzo(a)anthracene
Concen: 0.219 ng
RT: 20.96 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:228 Resp: 3521

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	21.5	16.0	24.0



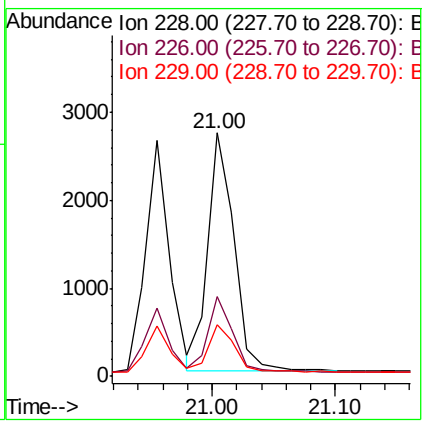


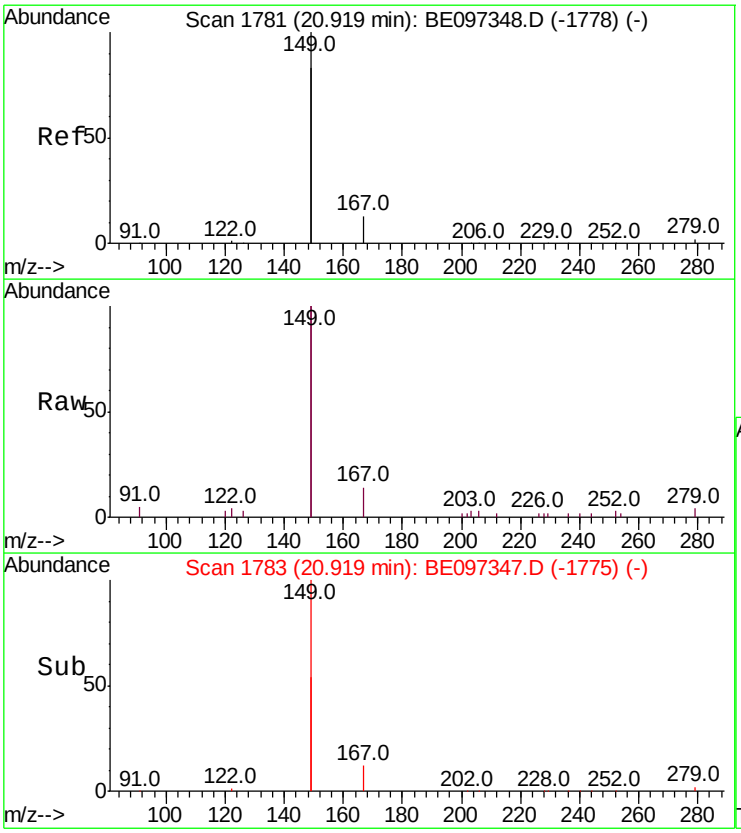
#31
Chrysene
Concen: 0.188 ng
RT: 21.00 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 3967

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.0	36.0
229	21.3	16.0	24.0

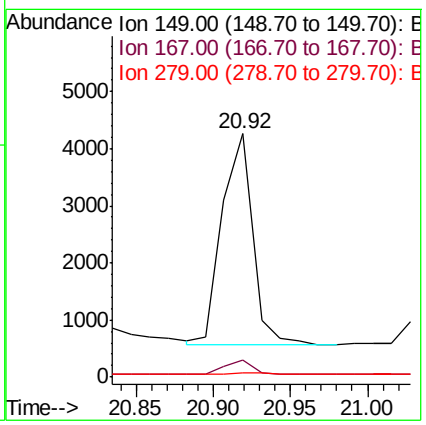


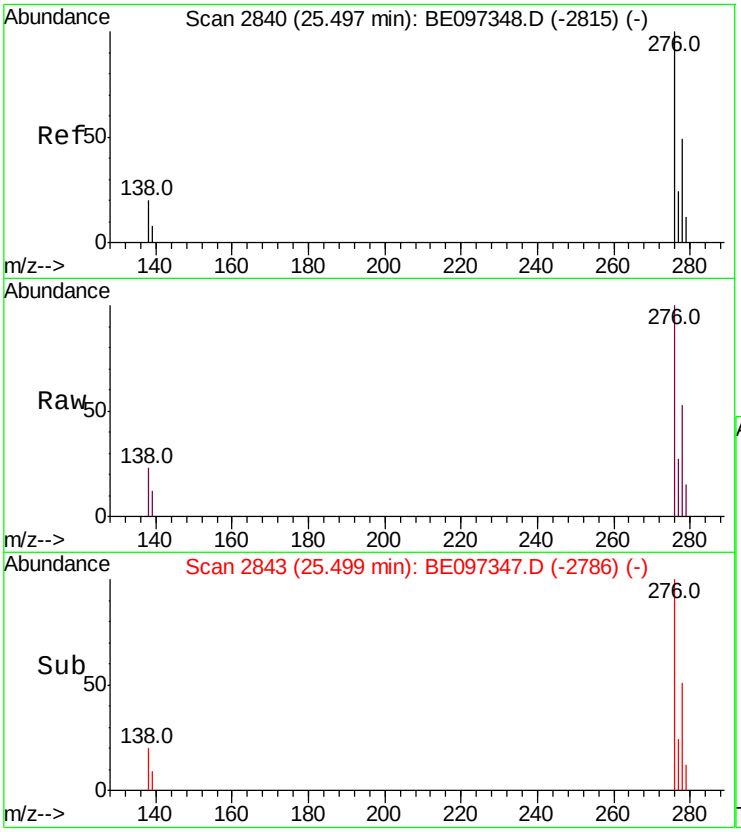


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.514 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:149 Resp: 5036

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.4	8.0
279	1.1	0.7	1.1#



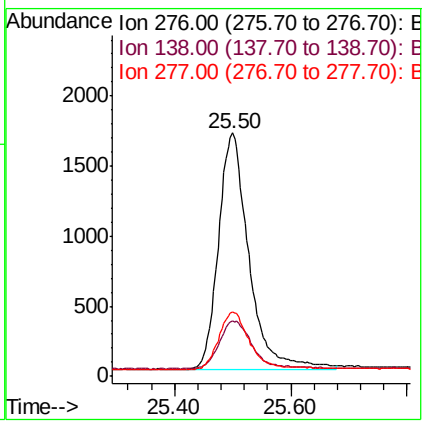


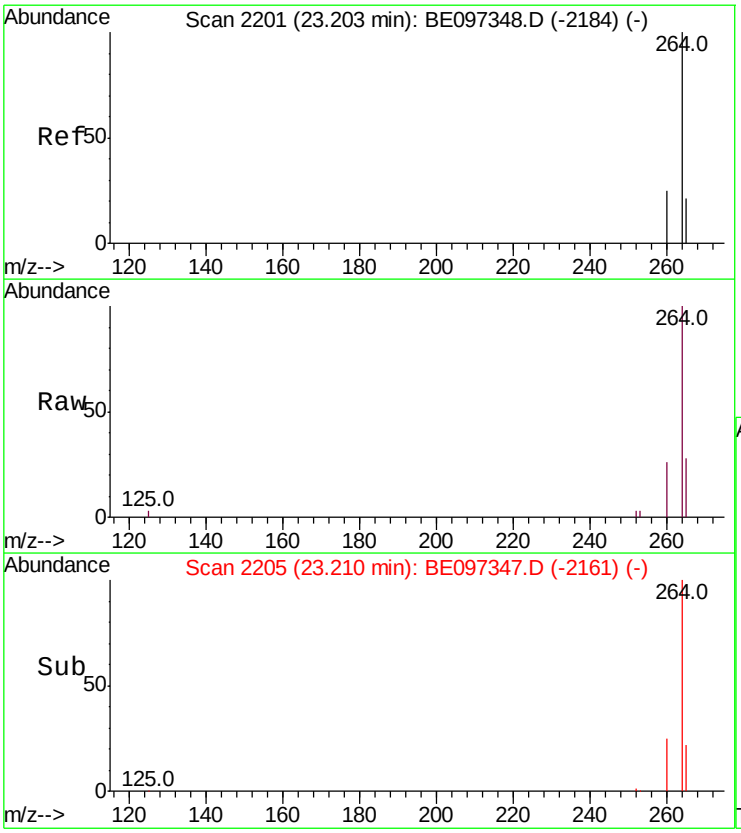
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.457 ng
RT: 25.50 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 6121

Ion	Ratio	Lower	Upper
276	100		
138	21.3	22.5	33.7#
277	24.1	19.9	29.9

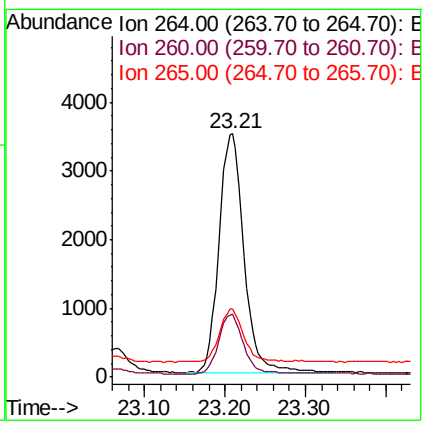


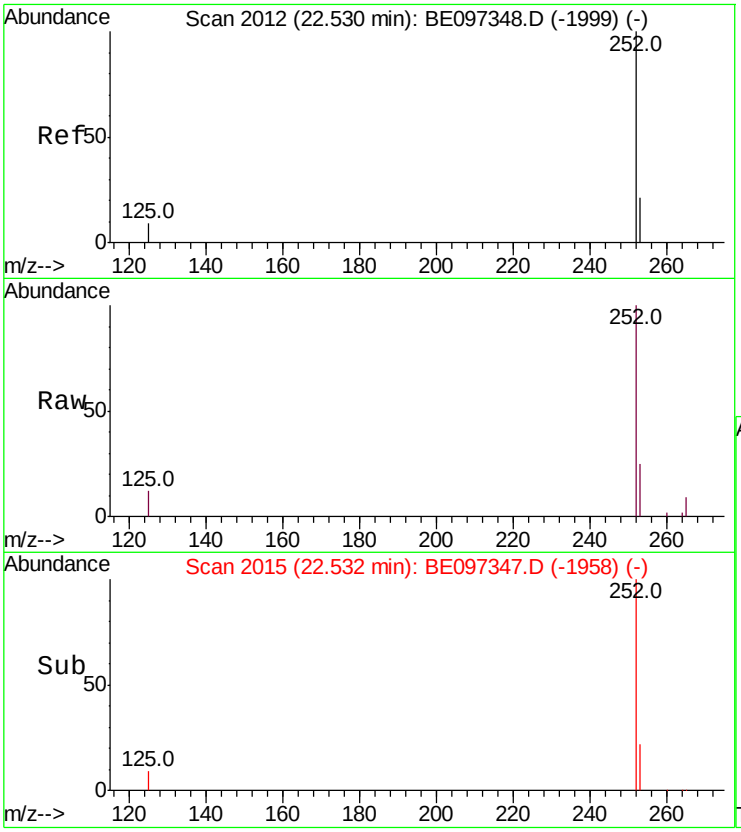


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:264 Resp: 7476

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	27.8	22.8	34.2



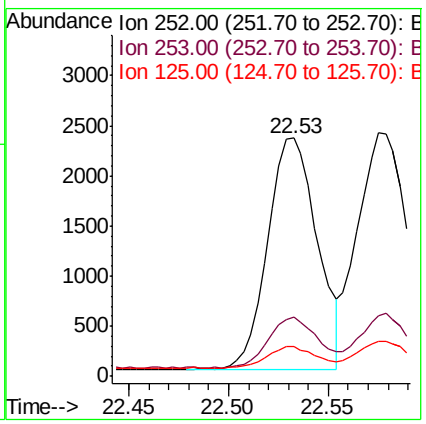


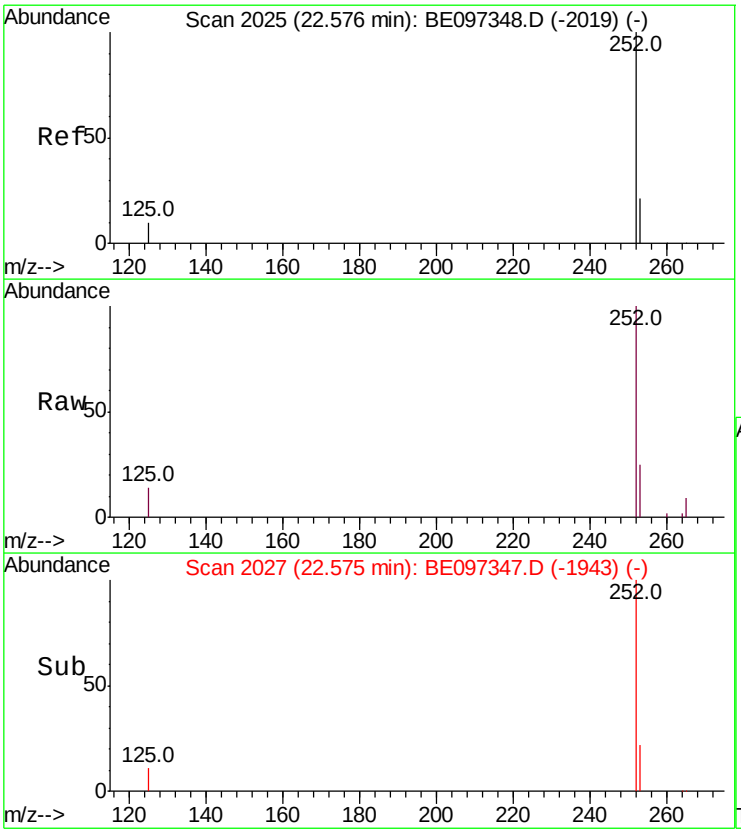
#35
Benzo(b)fluoranthene
Concen: 0.202 ng
RT: 22.53 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3978

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.0	30.0
125	12.3	16.0	24.0#

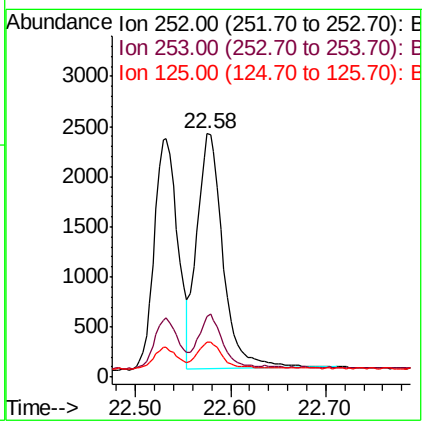


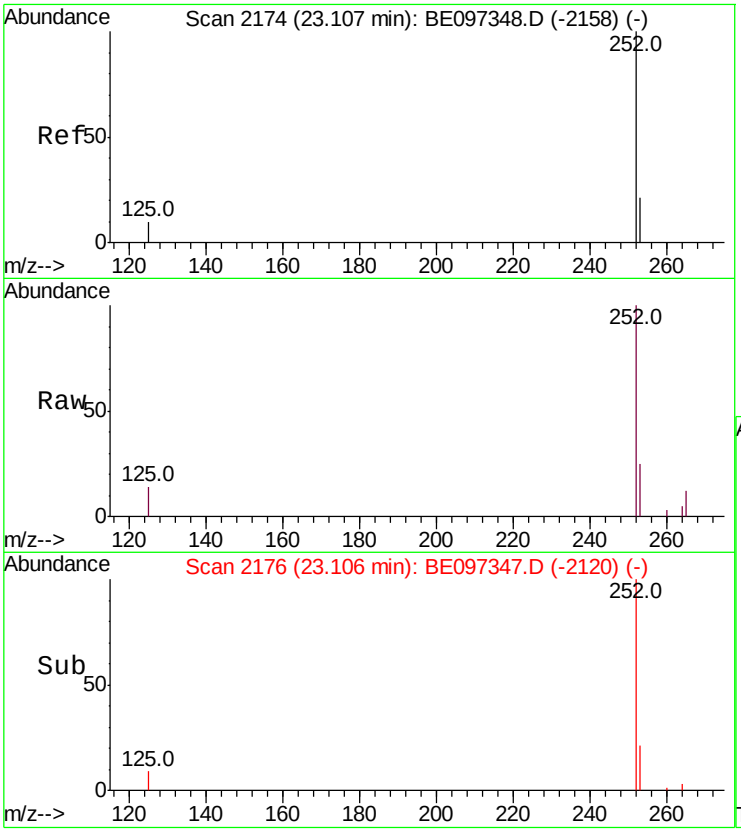


#36
Benzo(k)fluoranthene
Concen: 0.163 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:252 Resp: 4501

Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.0	24.0#
125	14.2	8.0	12.0#



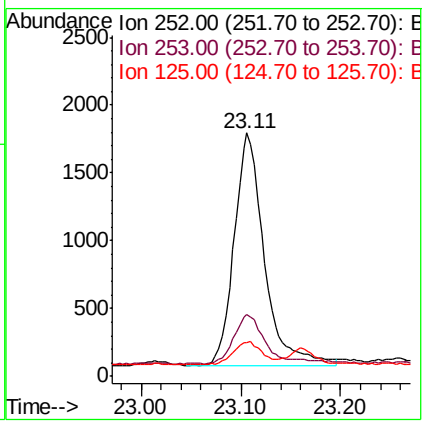


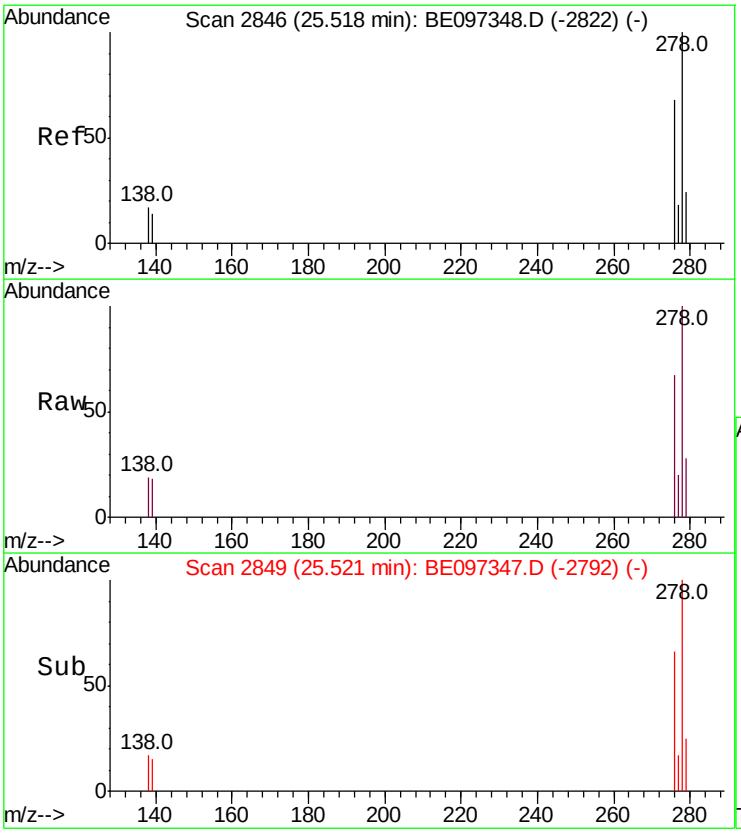
#37
Benzo(a)pyrene
Concen: 0.201 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3604

Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.0	24.0#
125	13.9	12.0	18.0

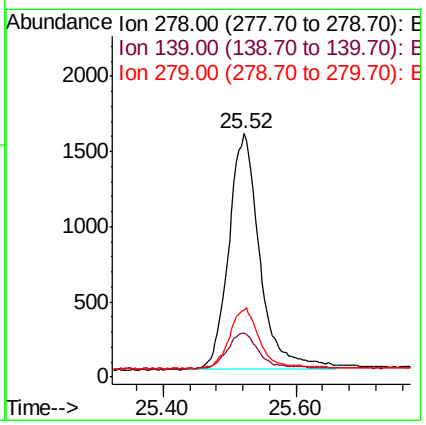


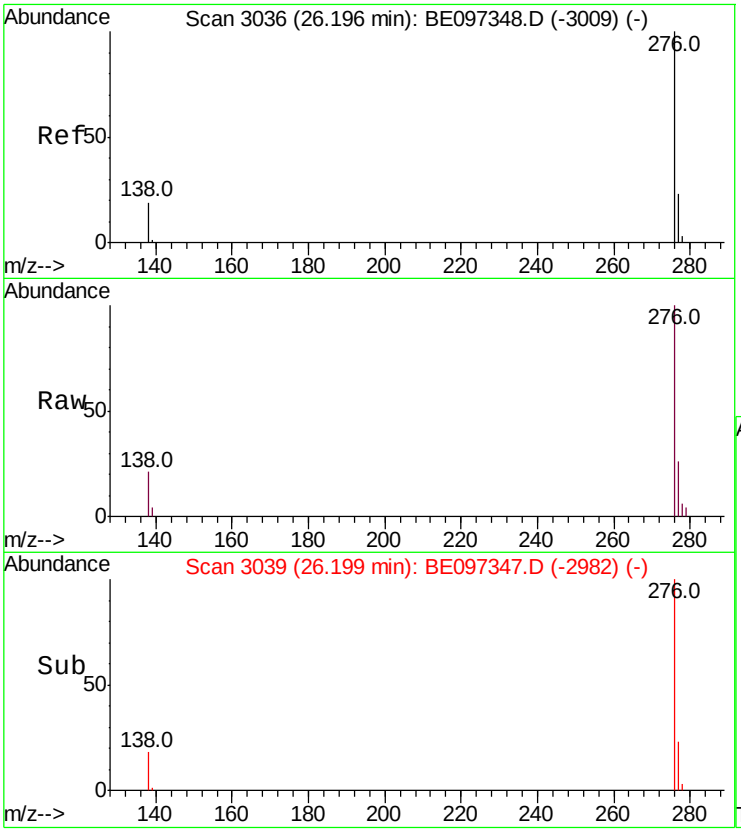


#38
Dibenzo(a,h)anthracene
Concen: 0.333 ng
RT: 25.52 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:278 Resp: 5116

Ion	Ratio	Lower	Upper
278	100		
139	17.8	16.0	24.0
279	27.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.350 ng
RT: 26.20 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 5407

Ion	Ratio	Lower	Upper
276	100		
277	25.6	16.0	24.0#
138	21.2	20.0	30.0