Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102418\
Data File : BE098047.D
Acq On : 24 Oct 2018 20:26
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 25 04:03:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 13:49:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1080	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	5286	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	3668	0.40	ng		0.00
19) Phenanthrene-d10	17.29	188	9164	0.40	ng		0.00
27) Chrysene-d12	21.48	240	10610	0.40	ng		0.00
34) Perylene-d12	24.02	264	10617	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	1204	0.37	ng		0.00
5) Phenol-d6	7.06	99	2048	0.38	ng		0.00
8) Nitrobenzene-d5	9.03	82	2084	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	3448	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	661	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5272	0.36	ng		0.00
25) Fluoranthene-d10	19.32	212	41822	0.36	ng		0.00
29) Terphenyl-d14	19.92	244	8825	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	660	0.397	ng		90
3) n-Nitrosodimethylamine	3.70	42	813	0.367	ng	#	78
6) bis(2-Chloroethyl)ether	7.30	93	1267	0.332	ng		81
9) Naphthalene	10.73	128	19393	0.369	ng		100
10) Hexachlorobutadiene	11.02	225	1376	0.387	ng		98
12) 2-Methylnaphthalene	12.35	142	3508	0.369	ng		95
16) Acenaphthylene	14.26	152	6158	0.371	ng		98
17) Acenaphthene	14.60	154	3715	0.370	ng		98
18) Fluorene	15.58	166	4971	0.367	ng		98
20) 4-Bromophenyl-phenylether	16.48	248	1998	0.361	ng		92
21) Hexachlorobenzene	16.59	284	2108	0.365	ng		98
22) Pentachlorophenol	16.95	266	179	0.372	ng	#	82
23) Phenanthrene	17.33	178	8066	0.359	ng		100
24) Anthracene	17.42	178	7809	0.354	ng		99
26) Fluoranthene	19.35	202	9893	0.353	ng	#	95
28) Pyrene	19.71	202	10355	0.353	ng		100
30) Benzo(a)anthracene	21.45	228	11427	0.365	ng		99
31) Chrysene	21.51	228	10769	0.354	ng		98
32) Bis(2-ethylhexyl)phthalate	21.38	149	25385	0.341	ng		99
33) Indeno(1,2,3-cd)pyrene	26.72	276	11980	0.360	ng	#	87
35) Benzo(b)fluoranthene	23.24	252	10607	0.360	ng	#	90
36) Benzo(k)fluoranthene	23.29	252	10851	0.354	ng	#	91
37) Benzo(a)pyrene	23.91	252	10318	0.356	ng	#	91
38) Dibenzo(a,h)anthracene	26.74	278	10049	0.356	ng	#	93
39) Benzo(g,h,i)perylene	27.54	276	9971	0.356	ng	#	90

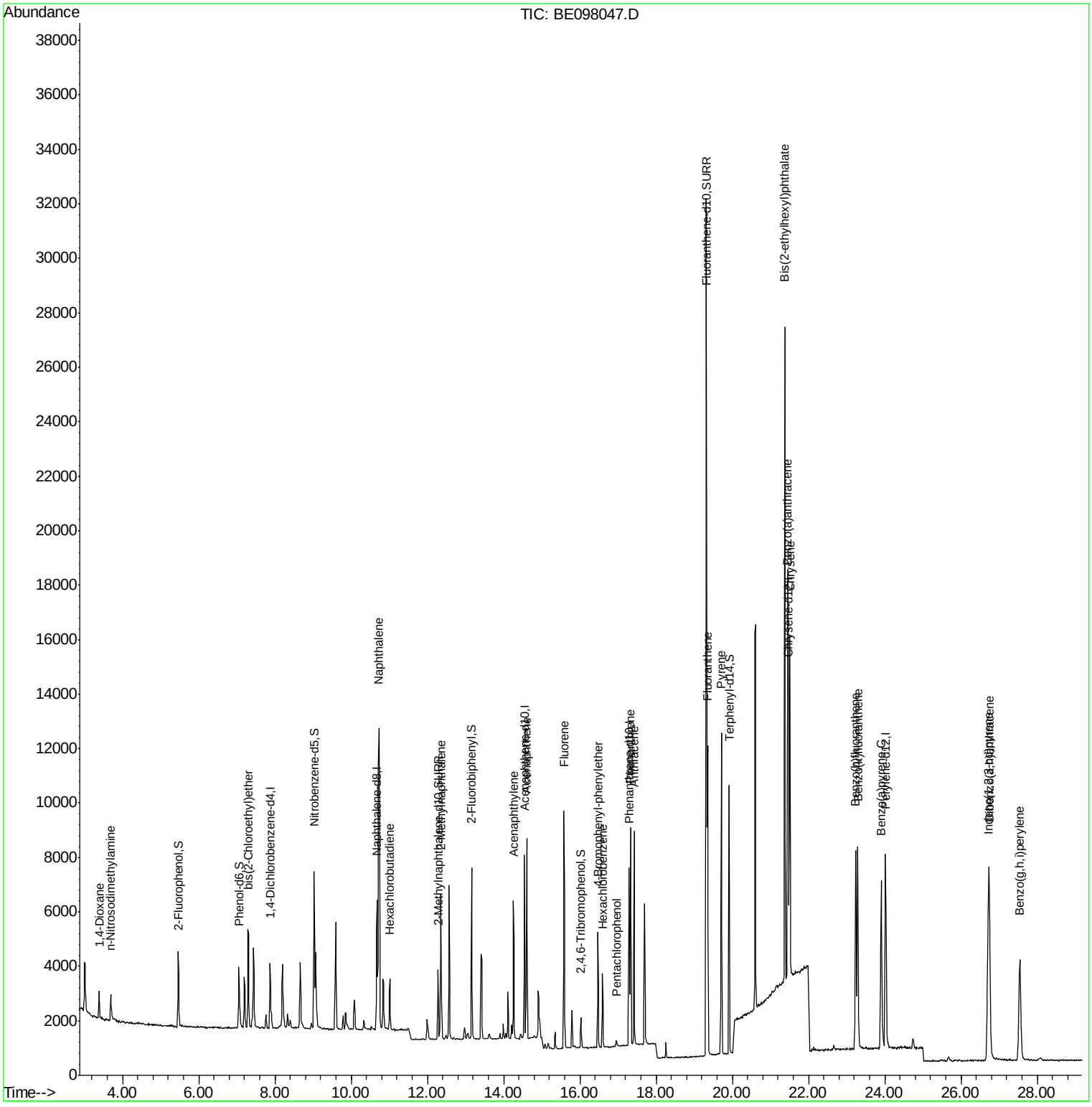
(#) = qualifier out of range (m) = manual integration (+) = signals summed

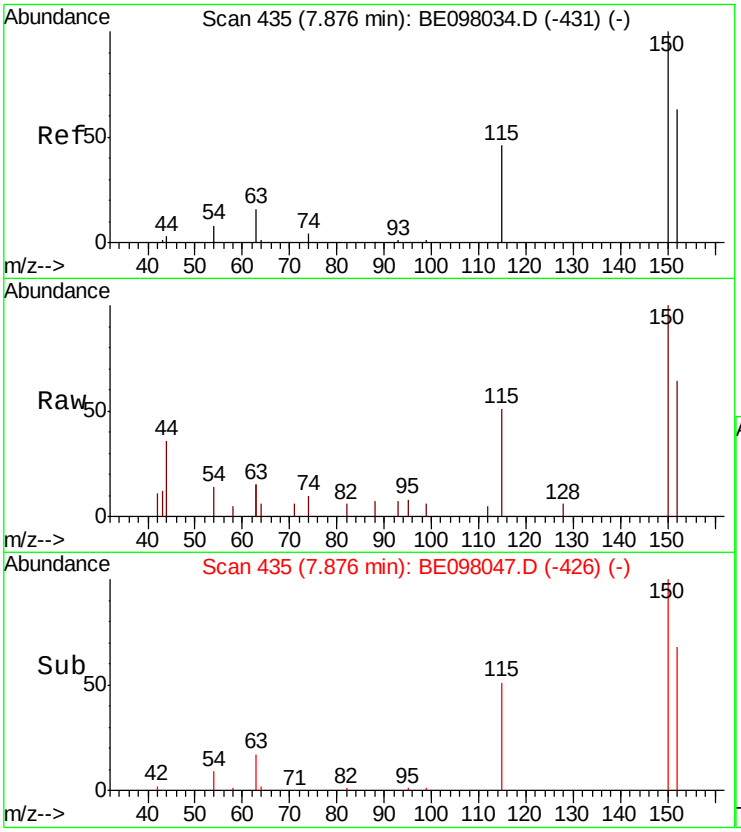
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102418\
Data File : BE098047.D
Acq On : 24 Oct 2018 20:26
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 25 04:03:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 13:49:35 2018
Response via : Initial Calibration



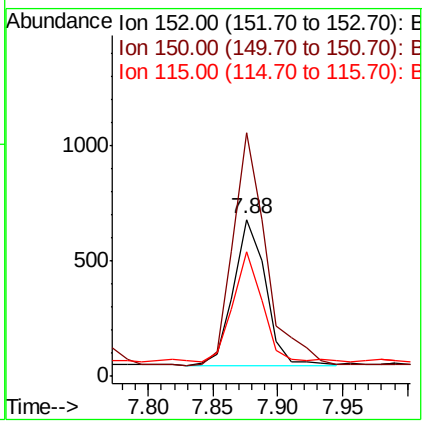


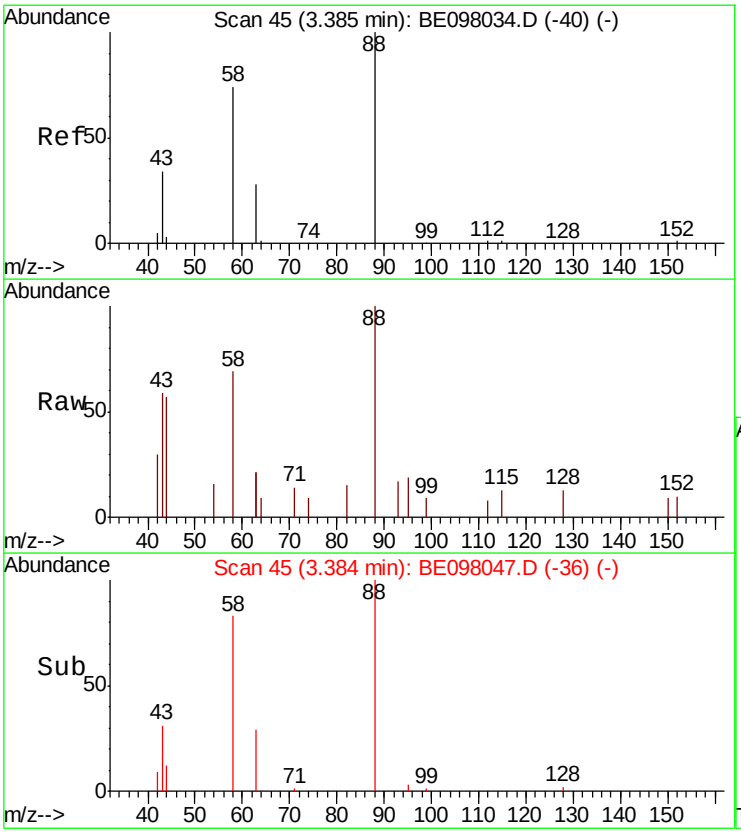
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1080

Ion	Ratio	Lower	Upper
152	100		
150	155.3	118.2	177.4
115	79.1	50.9	76.3#

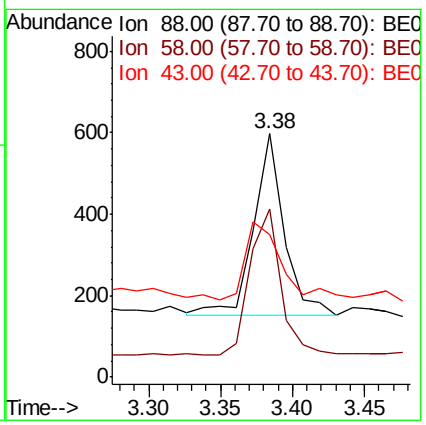


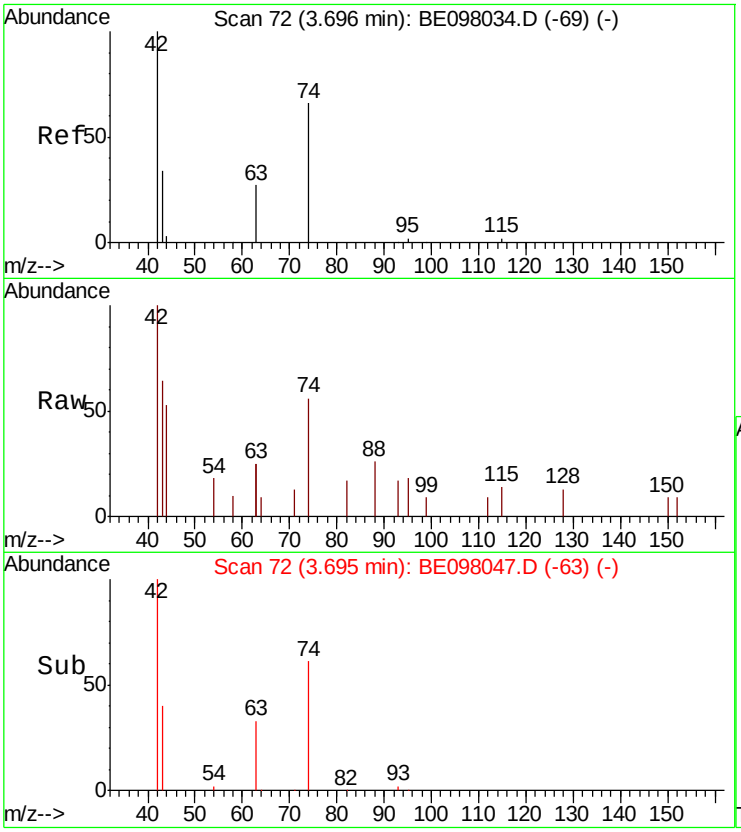


#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion: 88 Resp: 660

Ion	Ratio	Lower	Upper
88	100		
58	80.0	73.2	109.8
43	50.0	36.9	55.3



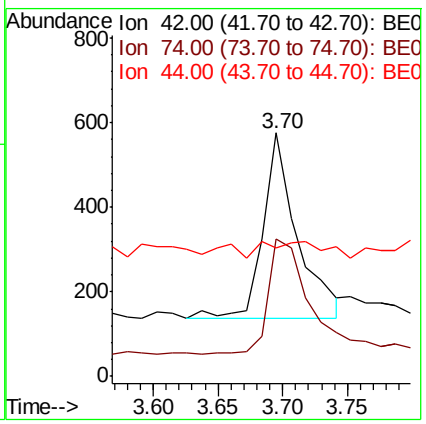


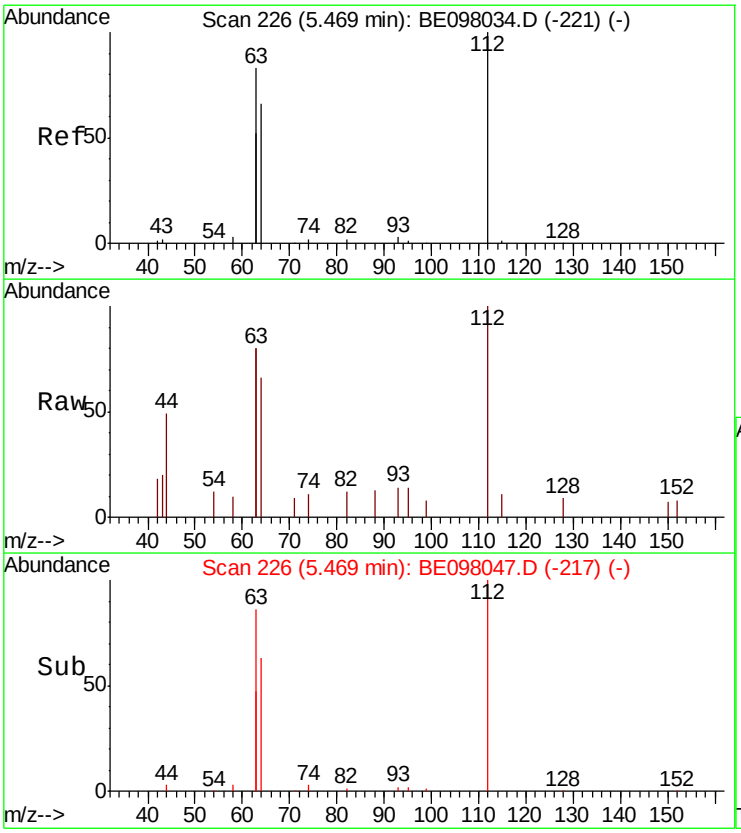
#3
n-Nitrosodimethylamine
Concen: 0.367 ng
RT: 3.70 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 813

Ion	Ratio	Lower	Upper
42	100		
74	74.5	77.6	116.4#
44	16.1	7.6	11.4#

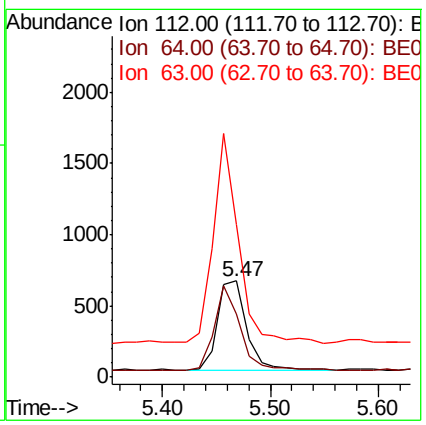


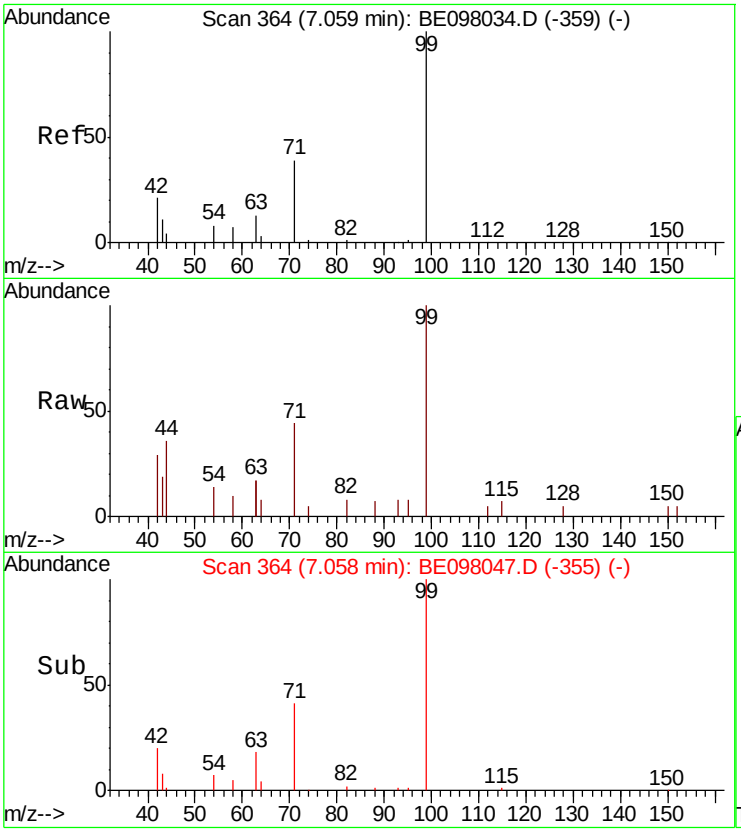


#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:112 Resp: 1204

Ion	Ratio	Lower	Upper
112	100		
64	83.8	58.9	88.3
63	198.7	120.3	180.5#



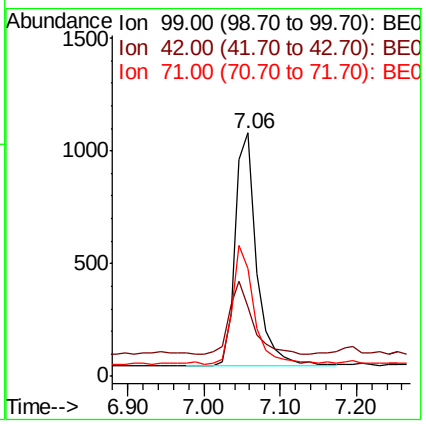


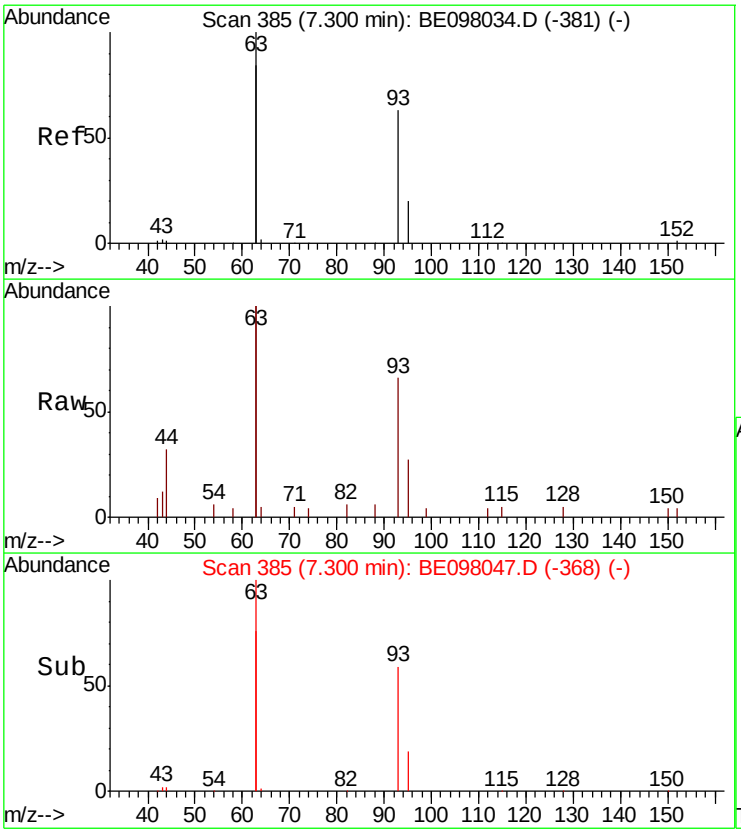
#5
Phenol-d6
Concen: 0.376 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2048

Ion	Ratio	Lower	Upper
99	100		
42	34.3	19.9	29.9#
71	50.2	27.8	41.8#

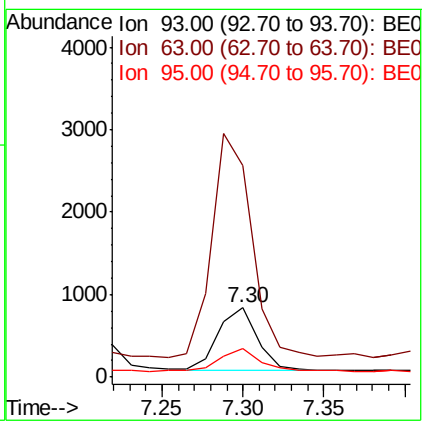


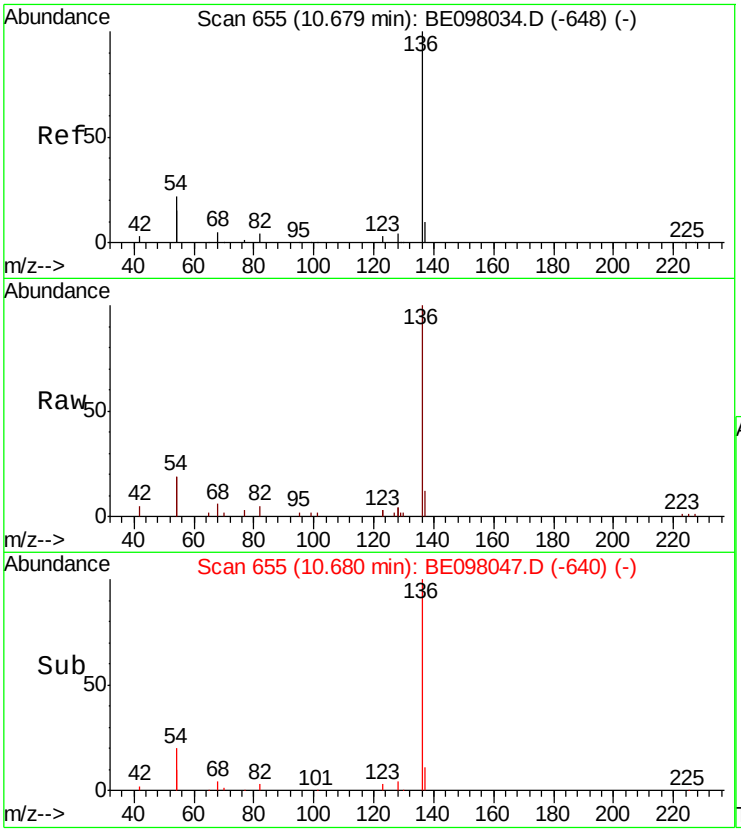


#6
bis(2-Chloroethyl)ether
Concen: 0.332 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion: 93 Resp: 1267

Ion	Ratio	Lower	Upper
93	100		
63	365.7	259.0	388.4
95	37.5	27.8	41.8



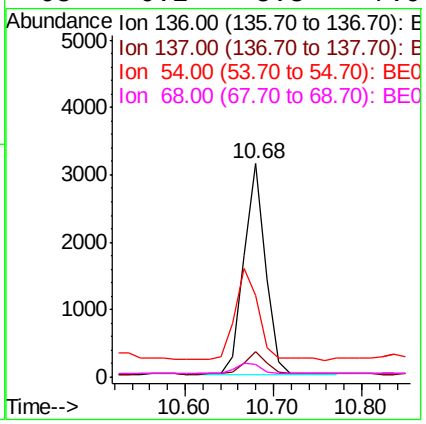


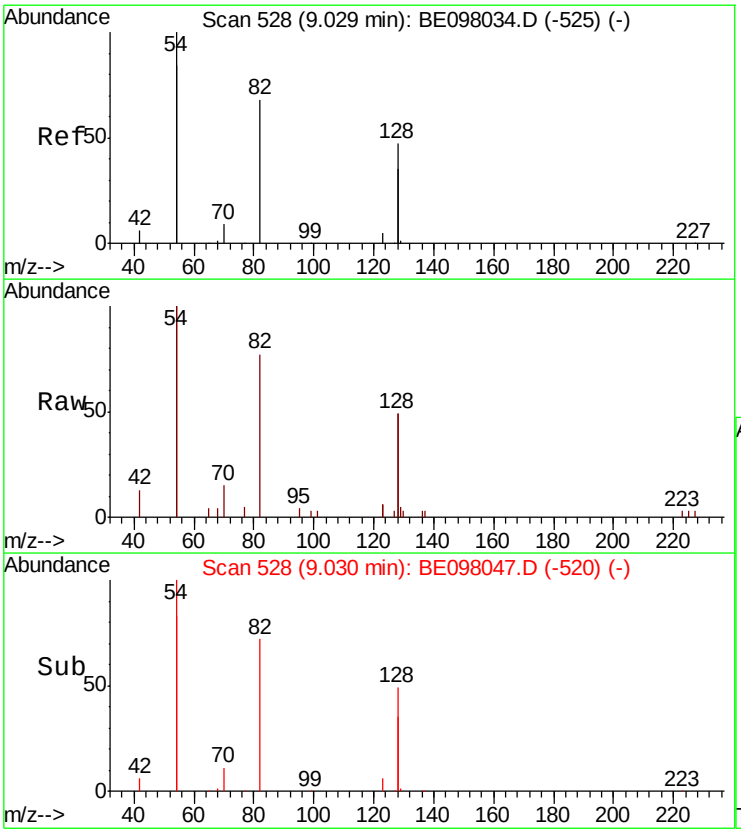
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 5286

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	38.5	27.7	41.5
68	6.2	5.3	7.9

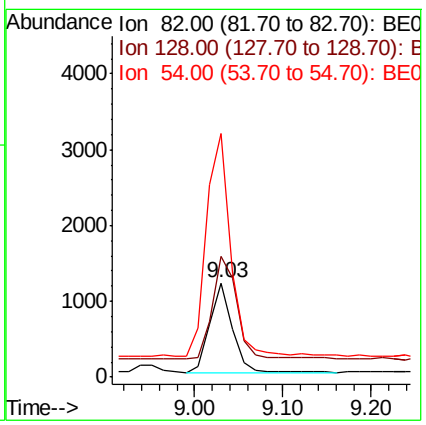


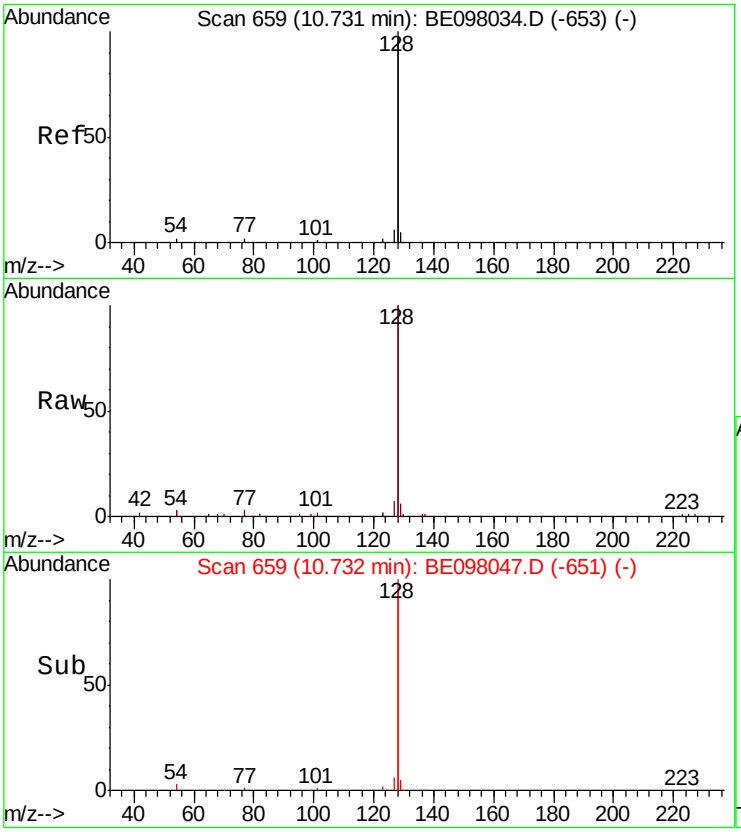


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion: 82 Resp: 2084

Ion	Ratio	Lower	Upper
82	100		
128	127.8	129.9	194.9#
54	258.4	174.0	261.0



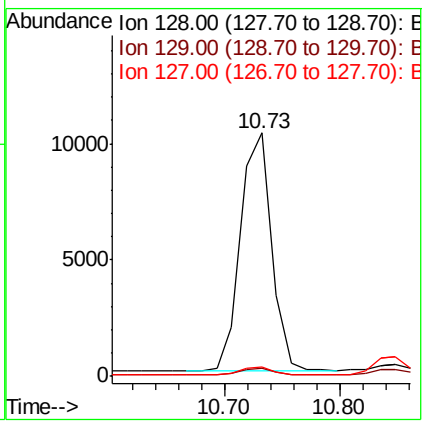


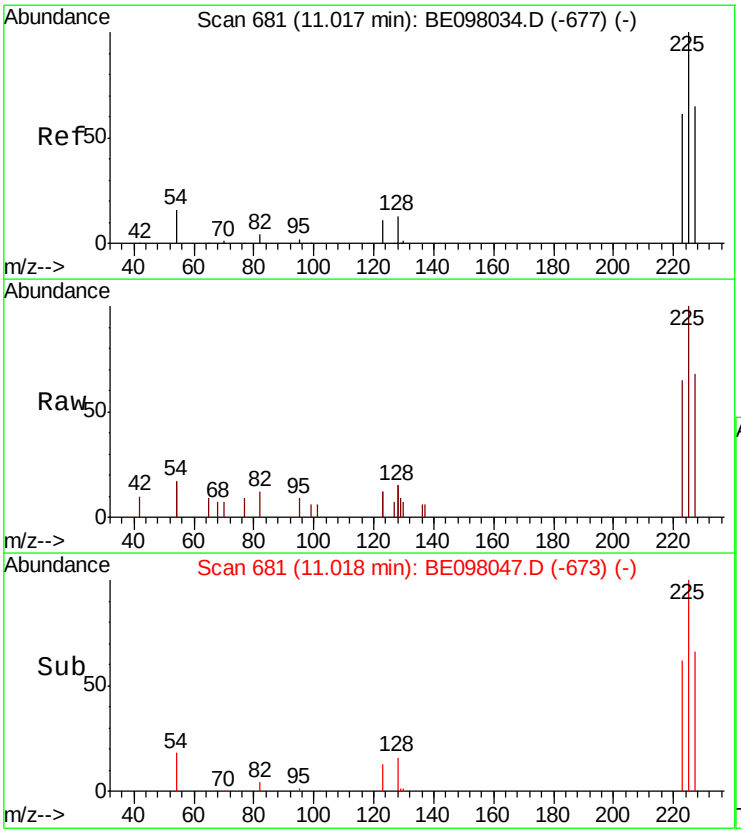
#9
Naphthalene
Concen: 0.369 ng
RT: 10.73 min Scan# 659
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 19393

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.5	3.7
127	3.7	2.8	4.2

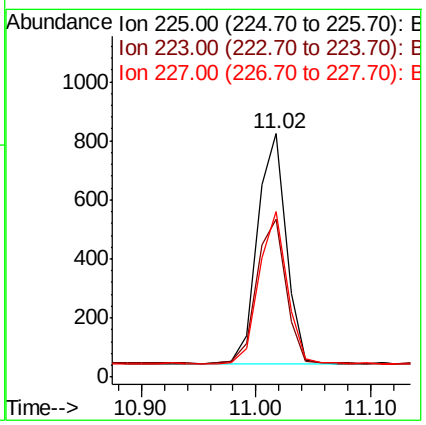


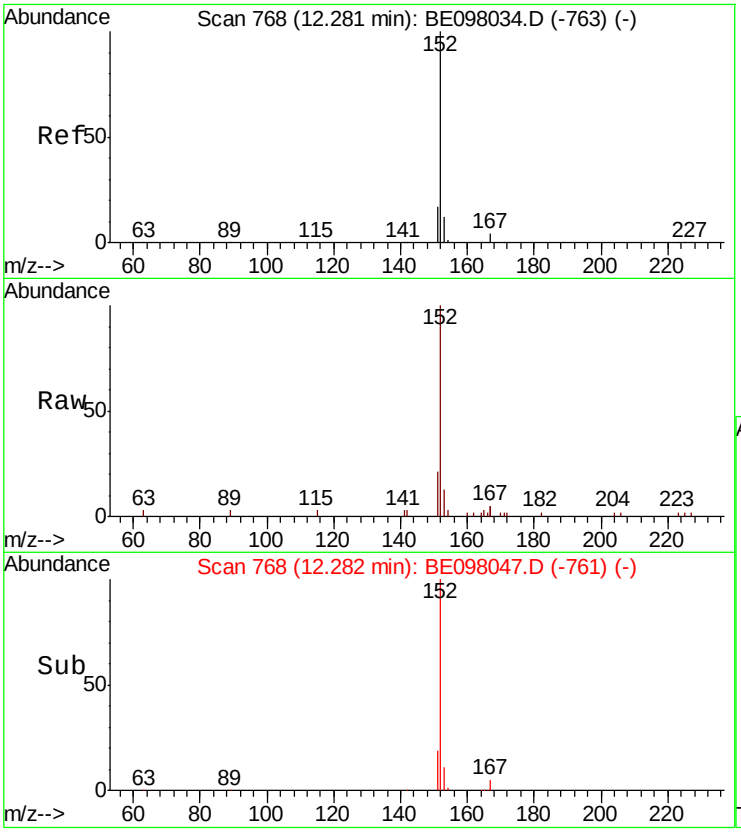


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 11.02 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:225 Resp: 1376

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.8	77.8
227	64.4	53.0	79.6



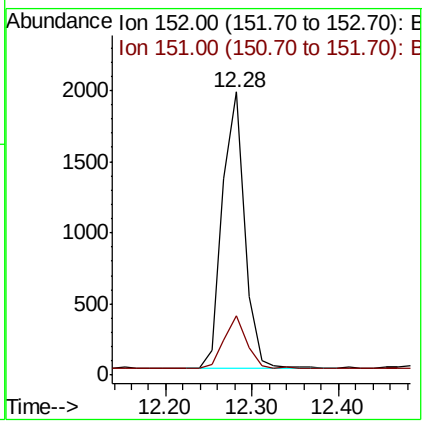


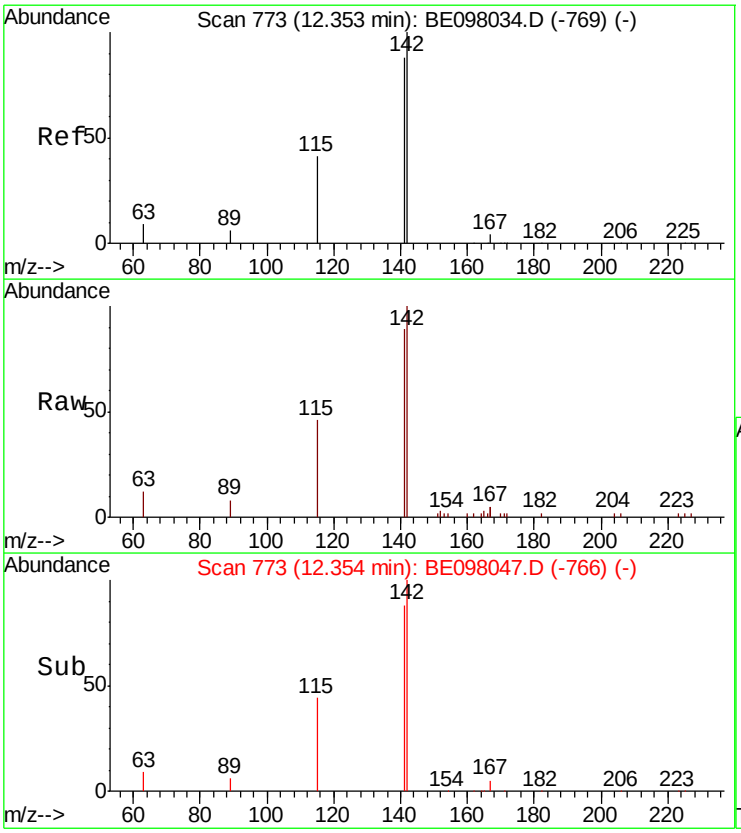
#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3448

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

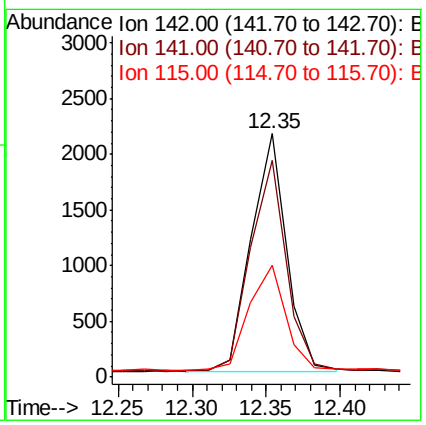


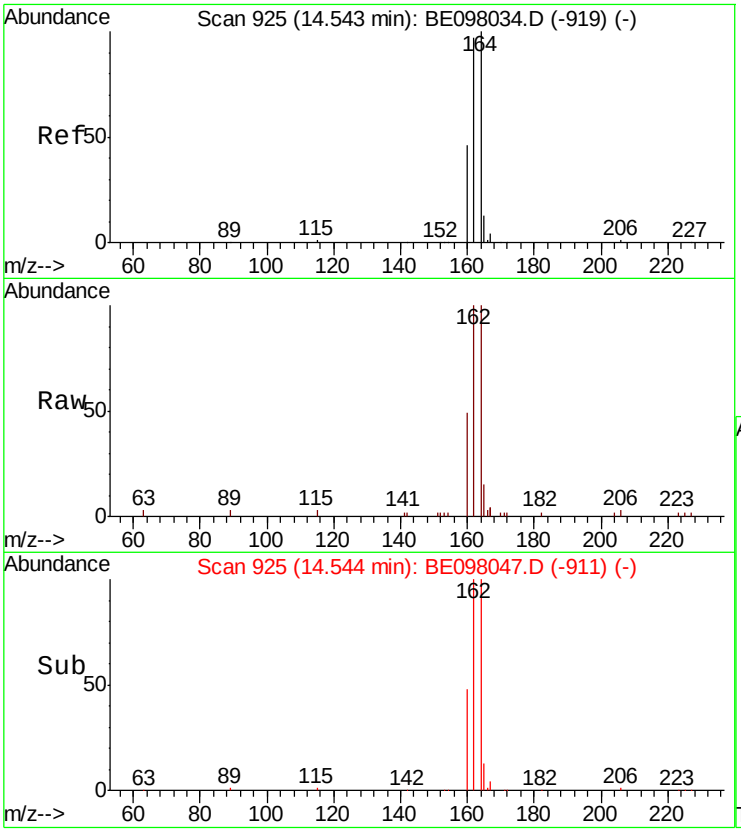


#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 12.35 min Scan# 773
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:142 Resp: 3508

Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.8	104.6
115	45.7	30.5	45.7



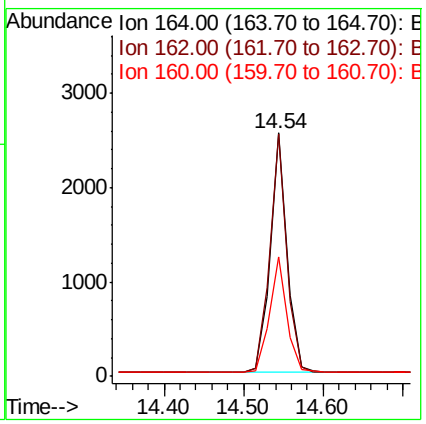


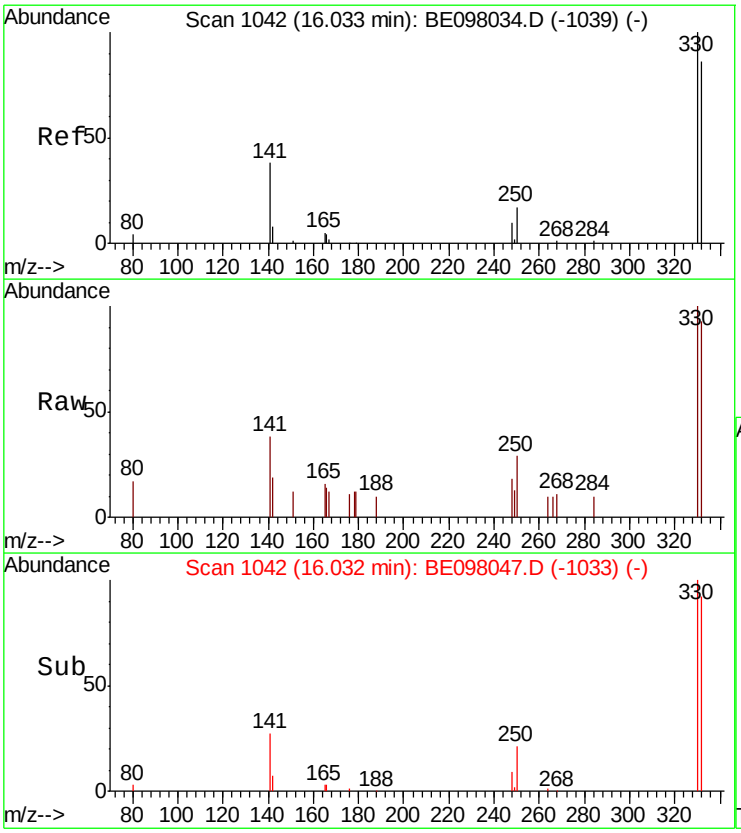
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3668

Ion	Ratio	Lower	Upper
164	100		
162	99.7	77.4	116.2
160	49.2	36.5	54.7

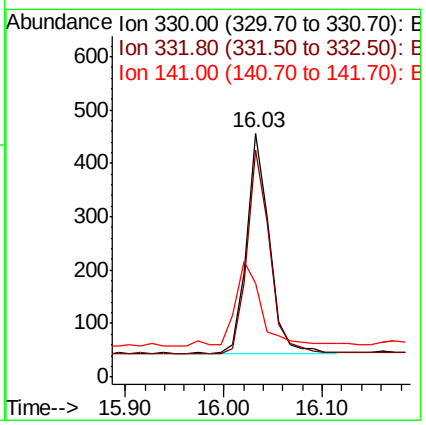


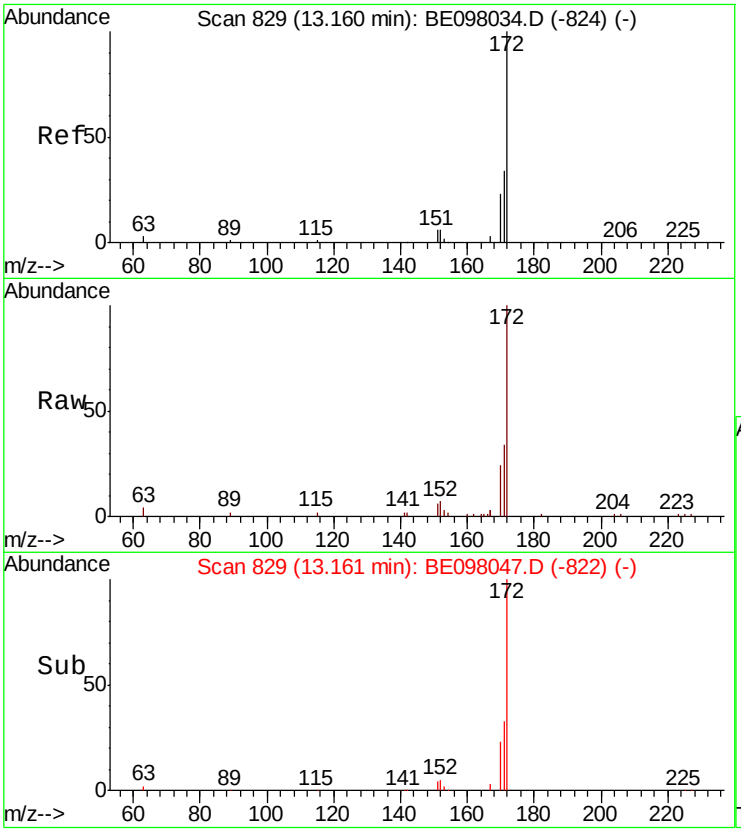


#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:330 Resp: 661

Ion	Ratio	Lower	Upper
330	100		
332	92.0	76.5	114.7
141	44.8	31.8	47.6



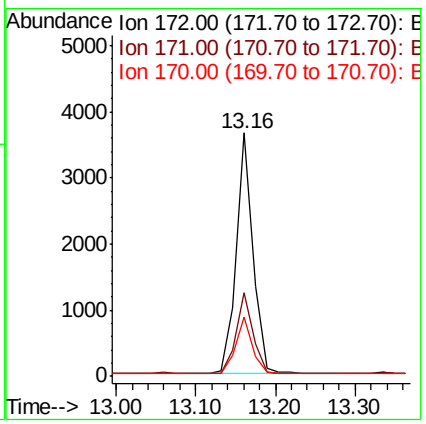


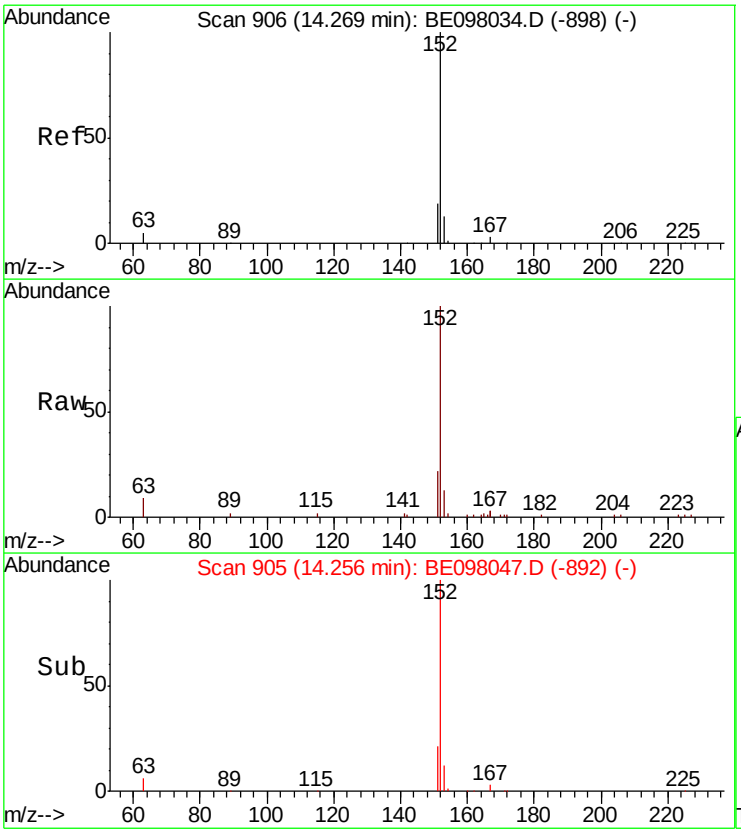
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5272

Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.0	39.0
170	24.1	18.0	27.0

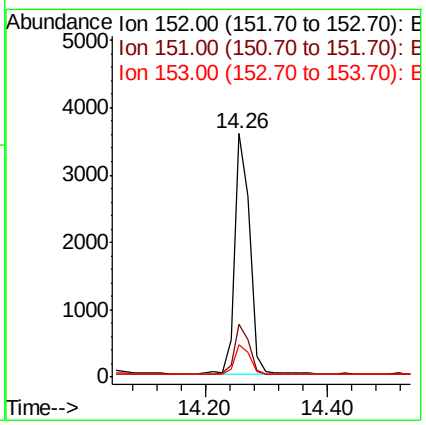


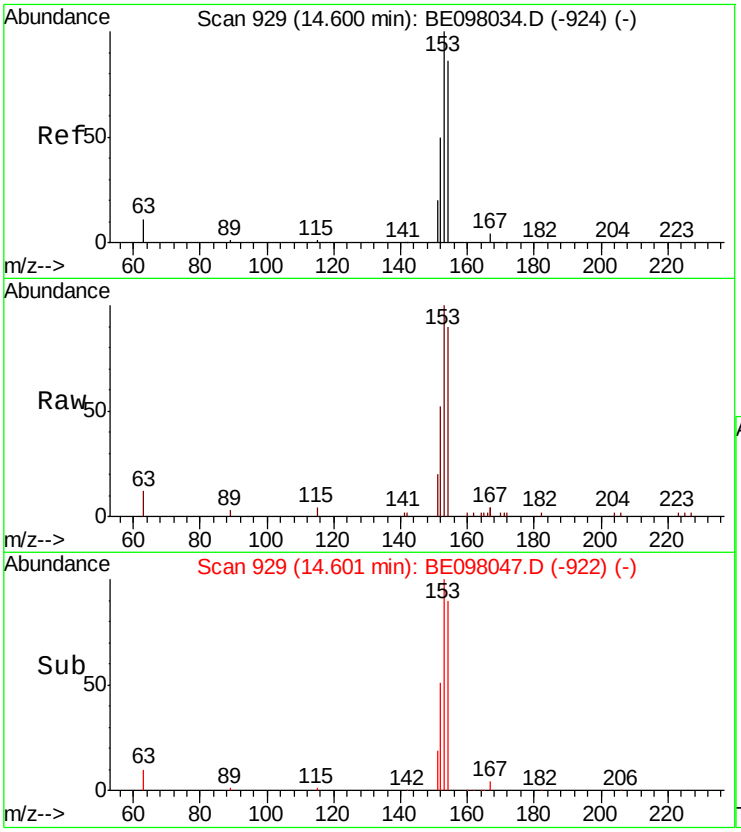


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:152 Resp: 6158

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.1	24.1
153	12.7	10.9	16.3



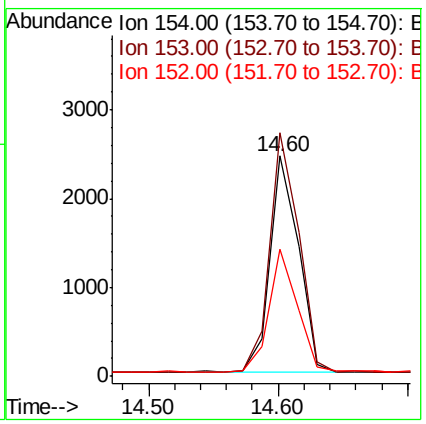


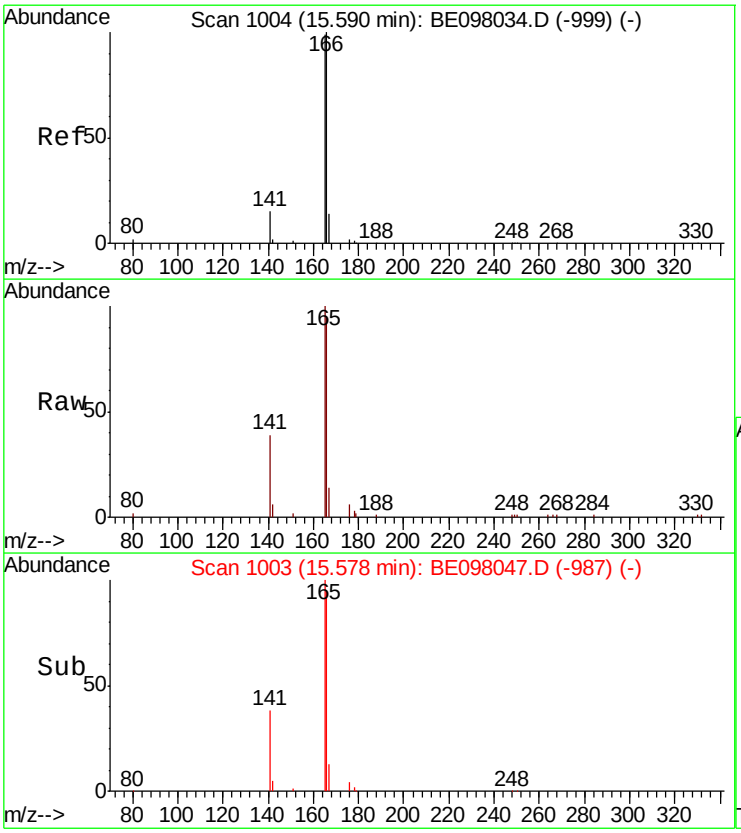
#17
Acenaphthene
Concen: 0.370 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3715

Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.6	139.0
152	56.2	45.5	68.3

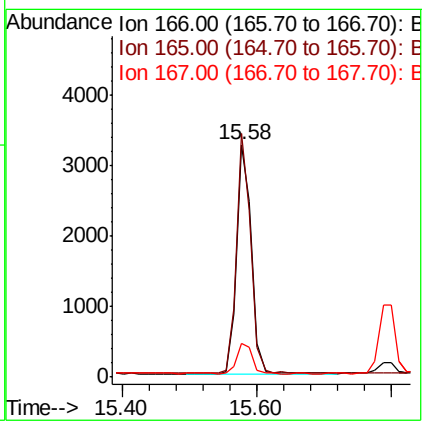


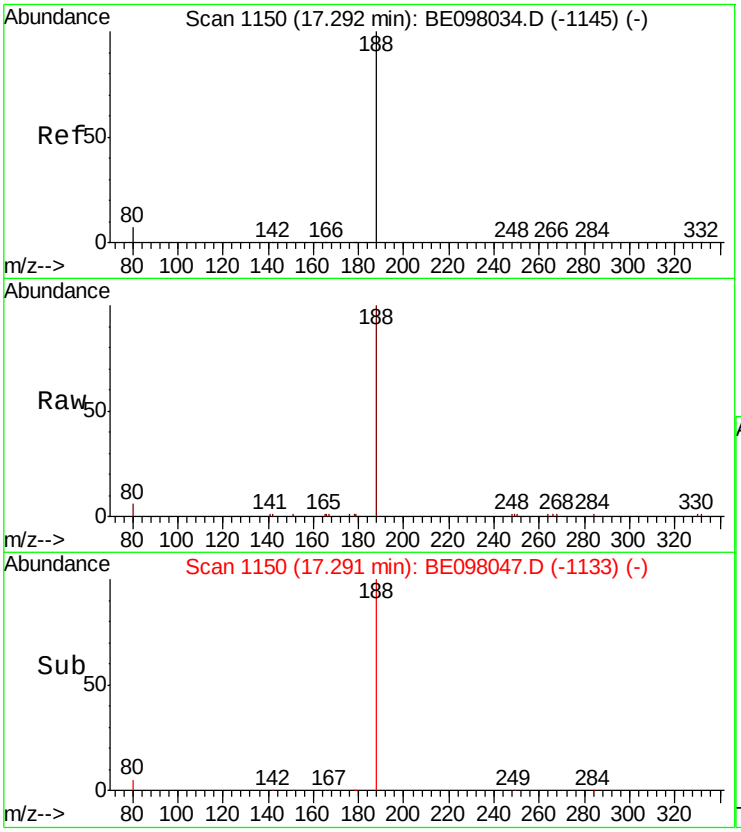


#18
Fluorene
Concen: 0.367 ng
RT: 15.58 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:166 Resp: 4971

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.2	117.4
167	13.7	11.0	16.6



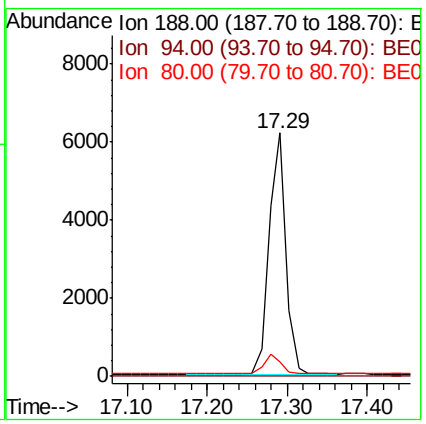


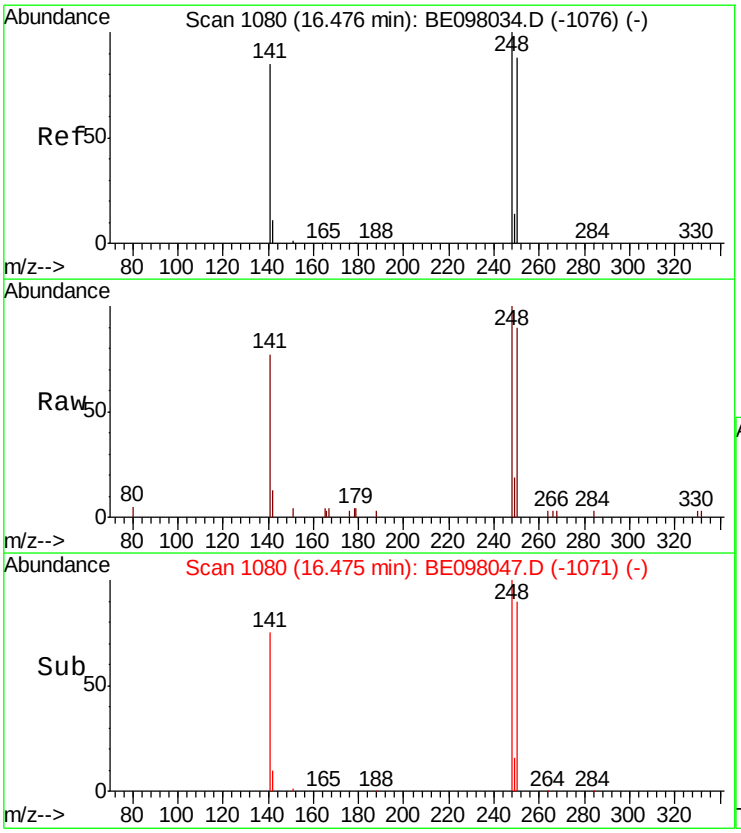
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 9164

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	6.3	9.5#

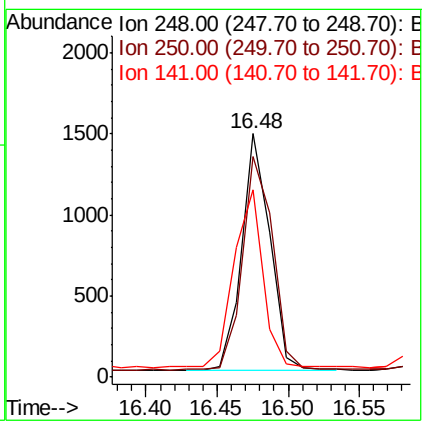


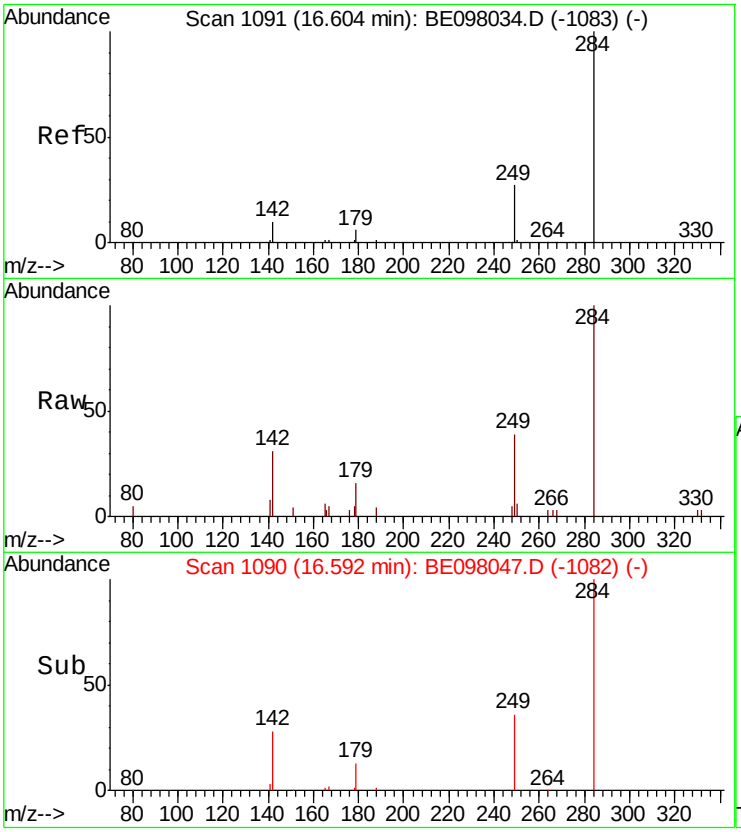


#20
4-Bromophenyl-phenylether
Concen: 0.361 ng
RT: 16.48 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:248 Resp: 1998

Ion	Ratio	Lower	Upper
248	100		
250	90.4	75.1	112.7
141	76.8	51.8	77.8



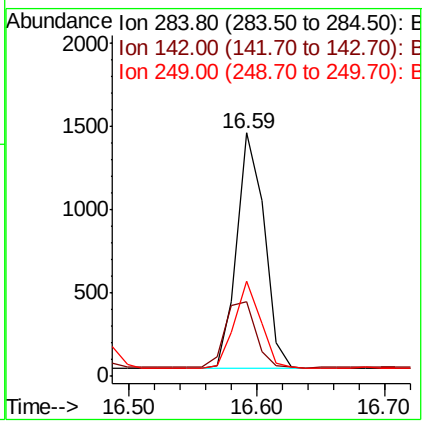


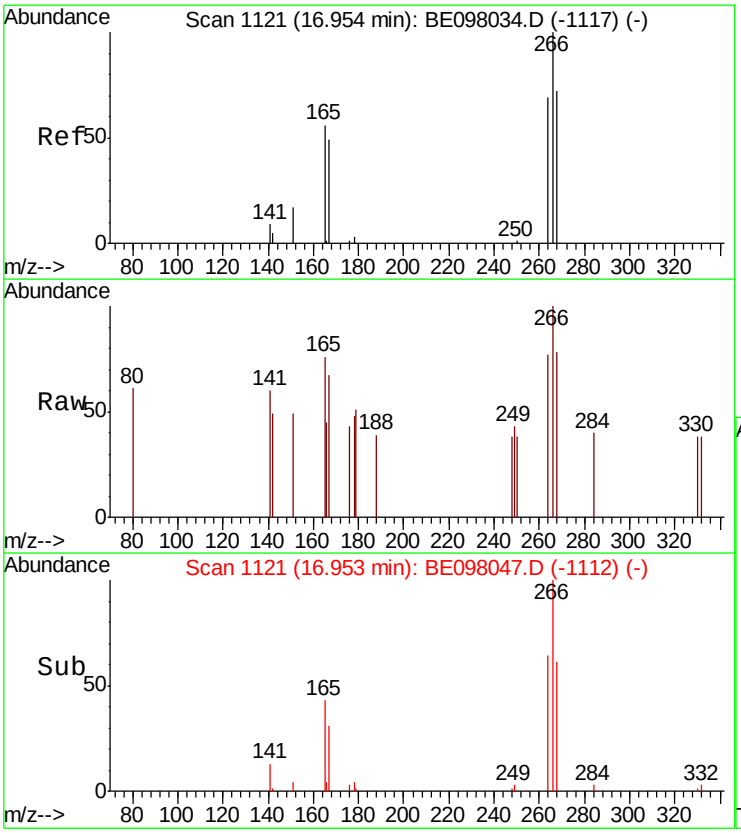
#21
Hexachlorobenzene
Concen: 0.365 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2108

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.9	38.9
249	35.4	26.6	40.0

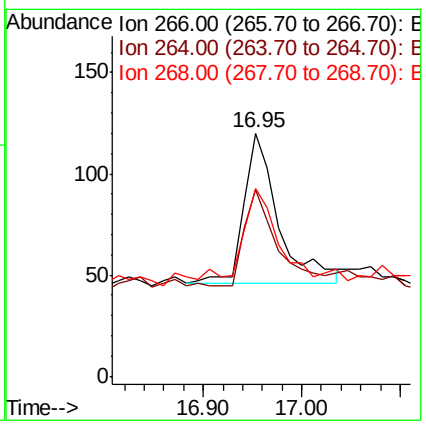


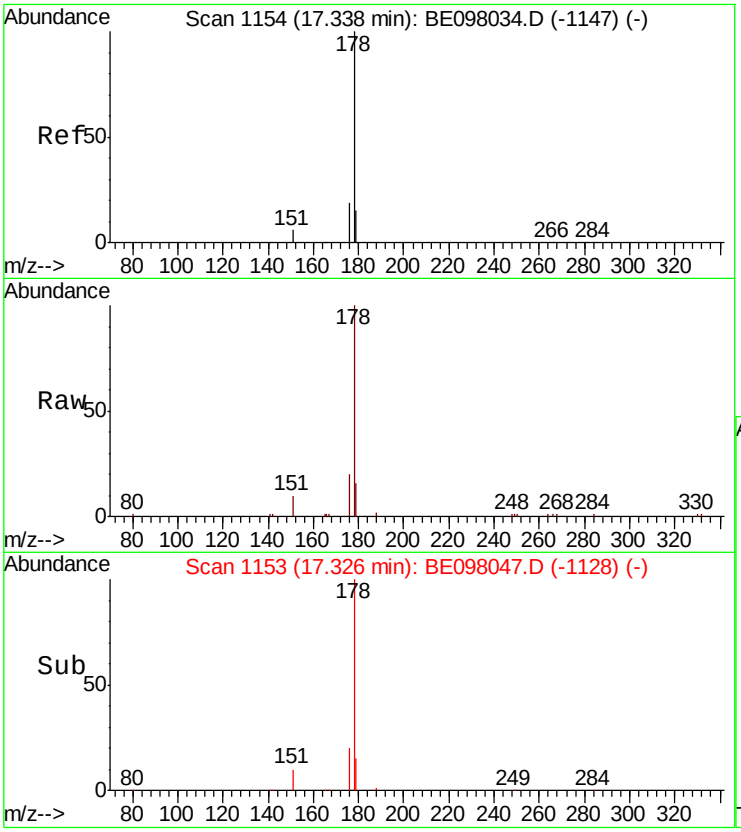


#22
Pentachlorophenol
Concen: 0.372 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:266 Resp: 179

Ion	Ratio	Lower	Upper
266	100		
264	76.7	51.3	76.9
268	77.5	50.1	75.1#



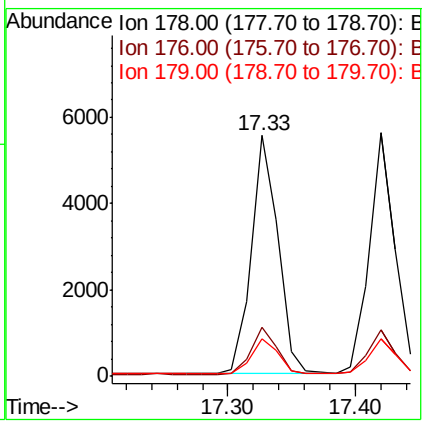


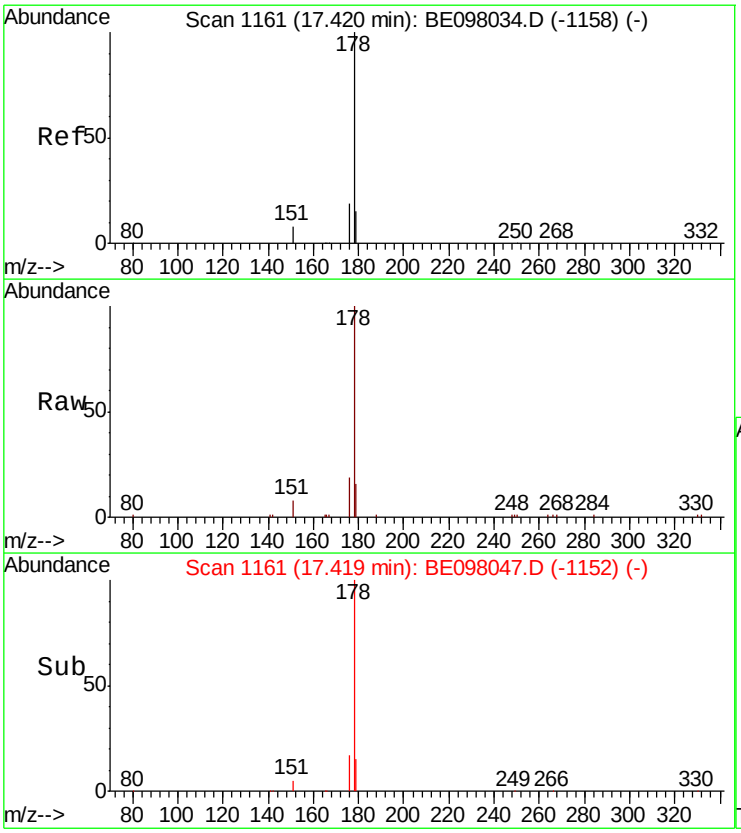
#23
Phenanthrene
Concen: 0.359 ng
RT: 17.33 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 8066

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.2	18.4

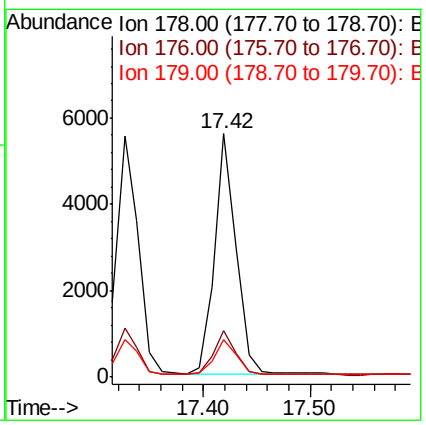


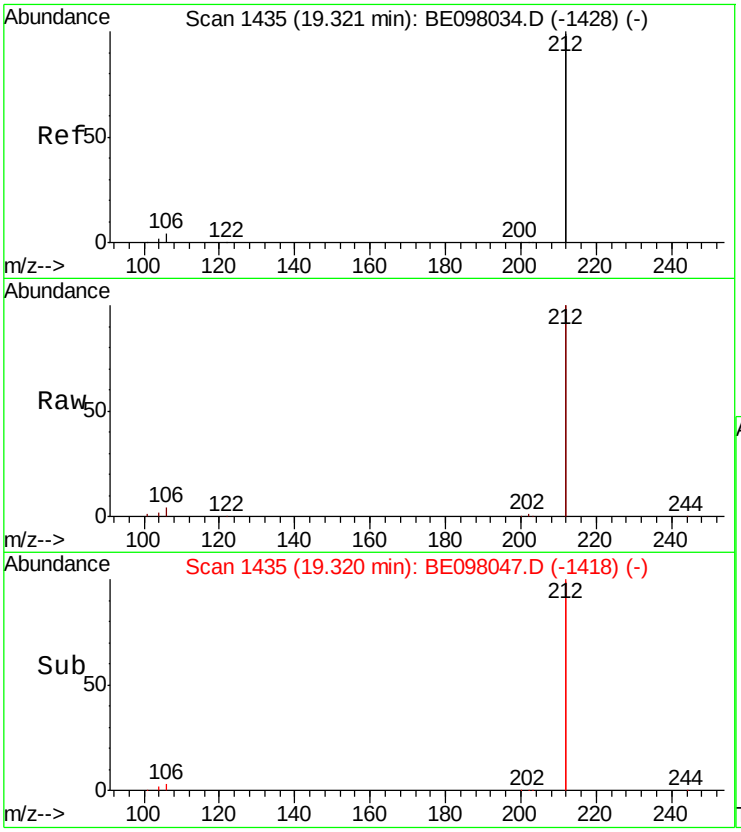


#24
Anthracene
Concen: 0.354 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:178 Resp: 7809

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.3	11.9	17.9



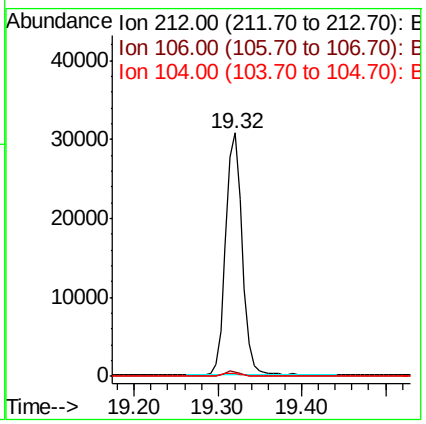


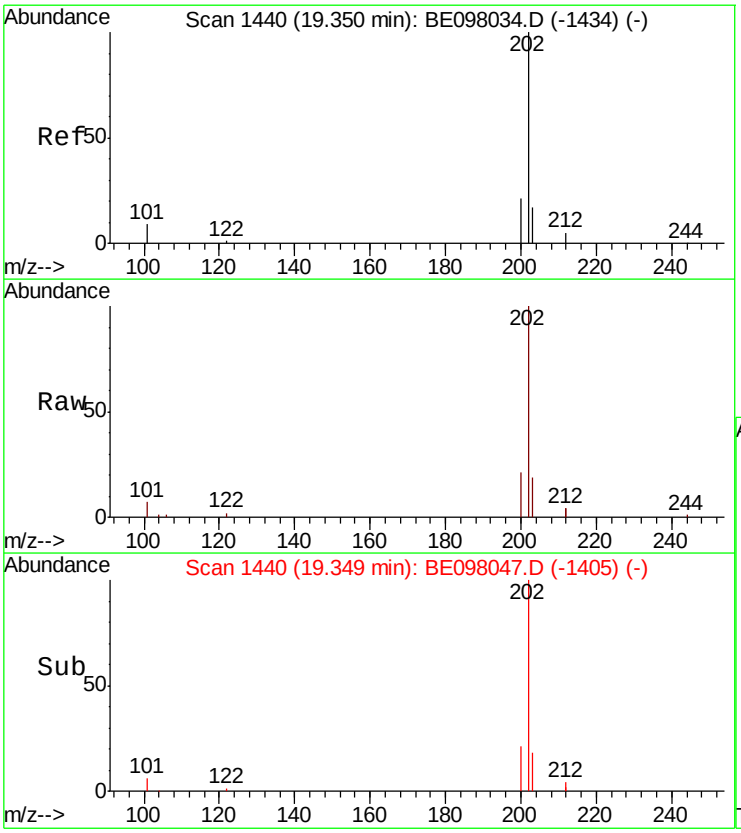
#25
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 41822

Ion	Ratio	Lower	Upper
212	100		
106	1.9	2.3	3.5#
104	1.2	1.3	1.9#

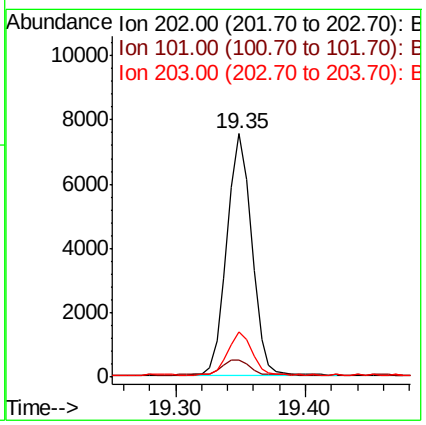


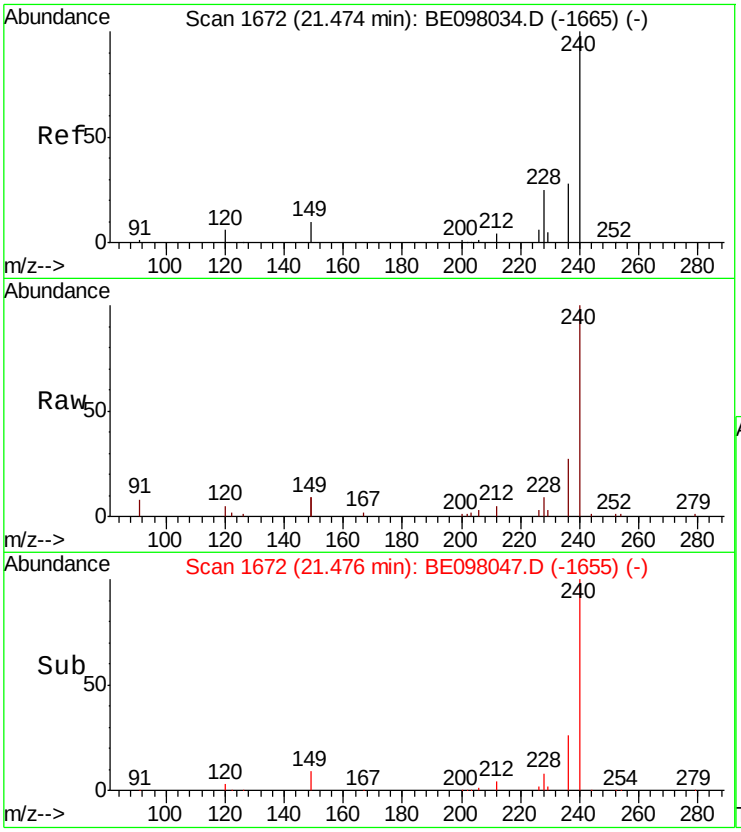


#26
Fluoranthene
Concen: 0.353 ng
RT: 19.35 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:202 Resp: 9893

Ion	Ratio	Lower	Upper
202	100		
101	7.2	8.2	12.2#
203	17.1	15.0	22.4



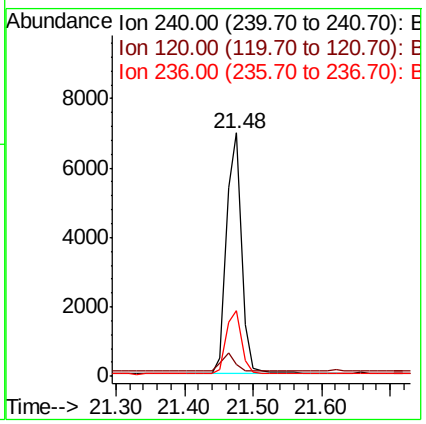


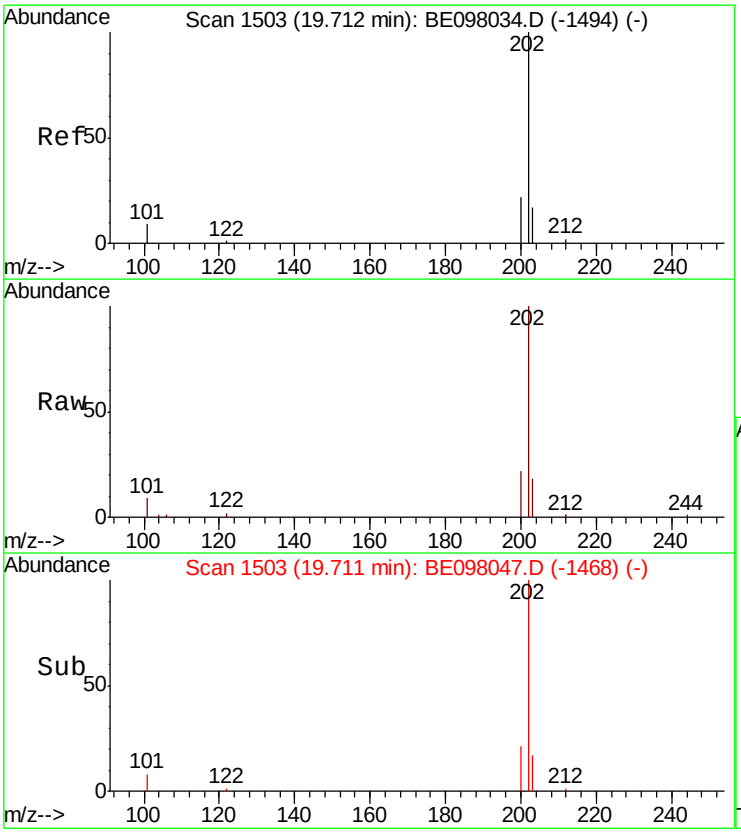
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 10610

Ion	Ratio	Lower	Upper
240	100		
120	4.9	7.1	10.7#
236	27.0	21.3	31.9

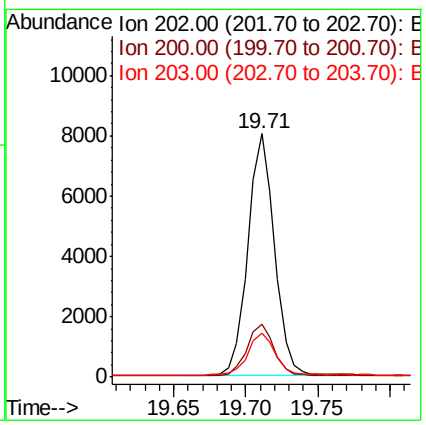


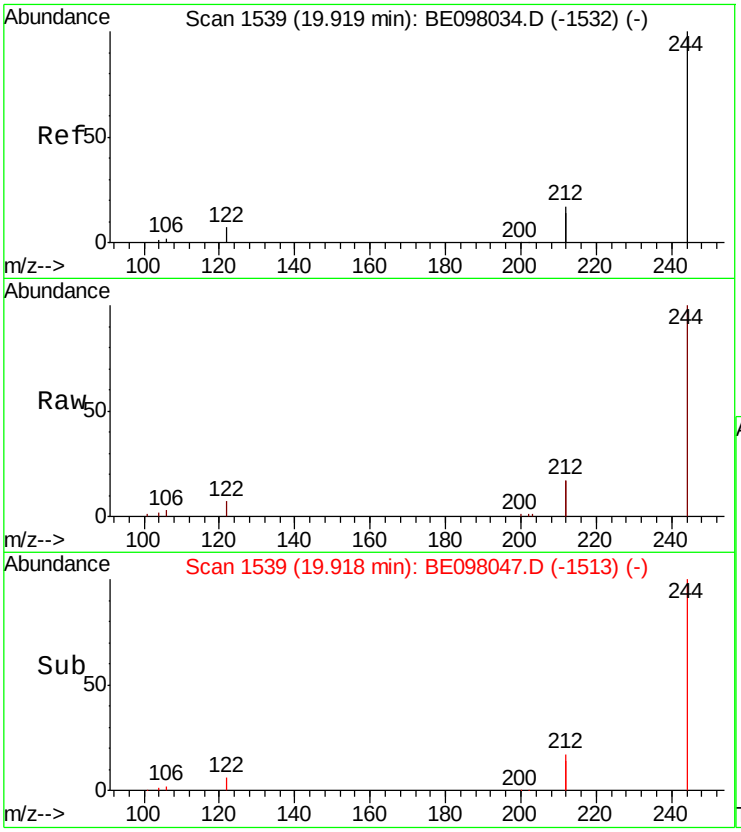


#28
Pyrene
Concen: 0.353 ng
RT: 19.71 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:202 Resp: 10355

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.7	14.2	21.4



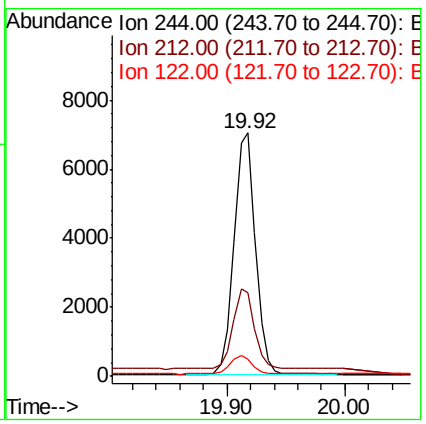


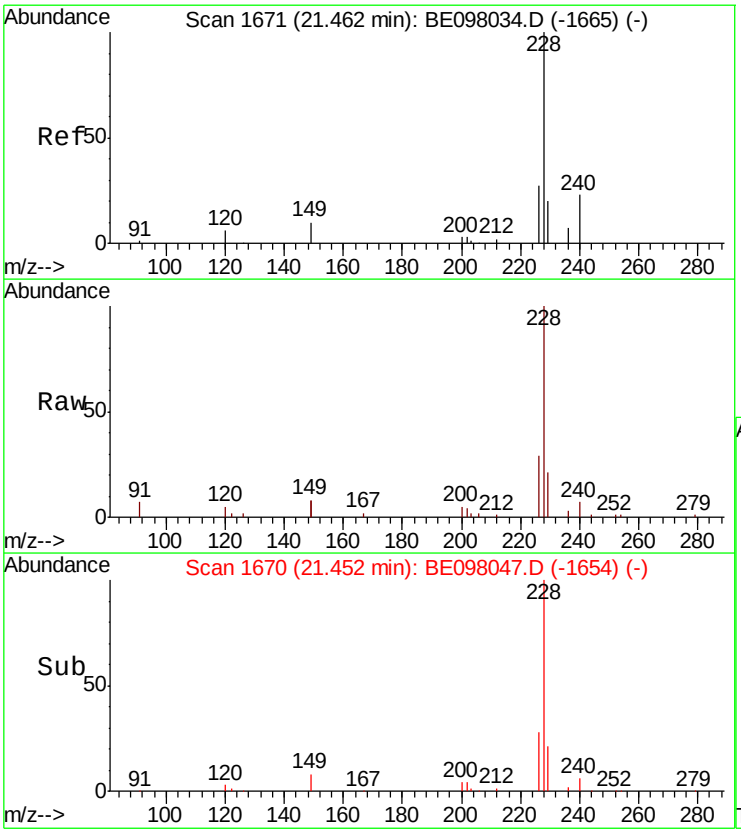
#29
Terphenyl-d14
Concen: 0.353 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 8825

Ion	Ratio	Lower	Upper
244	100		
212	34.6	26.2	39.2
122	7.2	7.7	11.5#

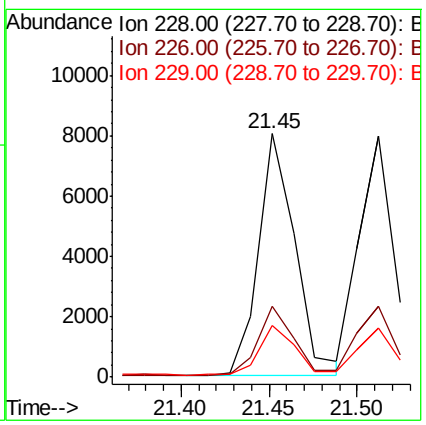


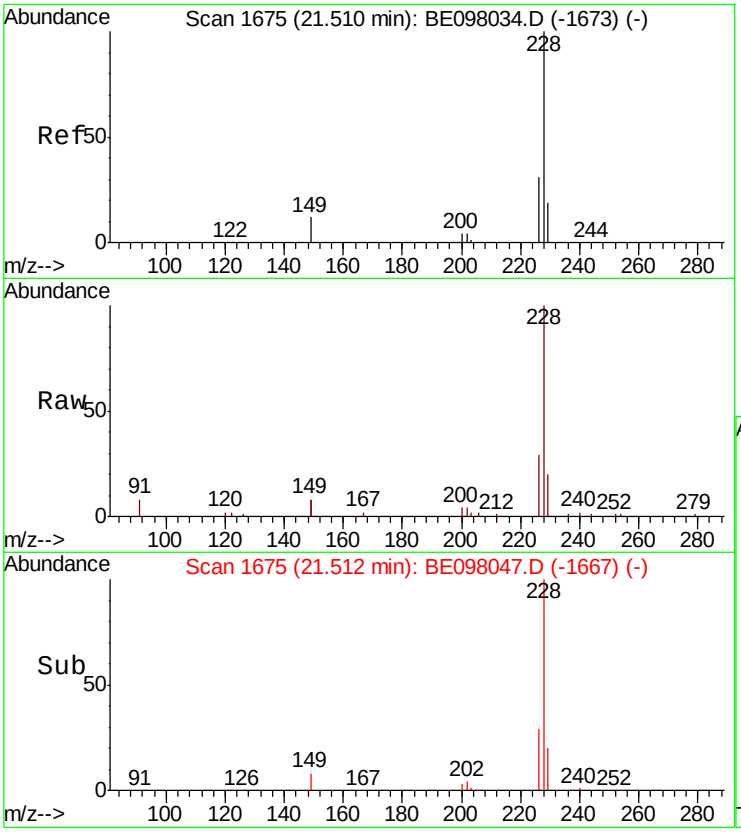


#30
Benzo(a)anthracene
Concen: 0.365 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:228 Resp: 11427

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.2	16.9	25.3



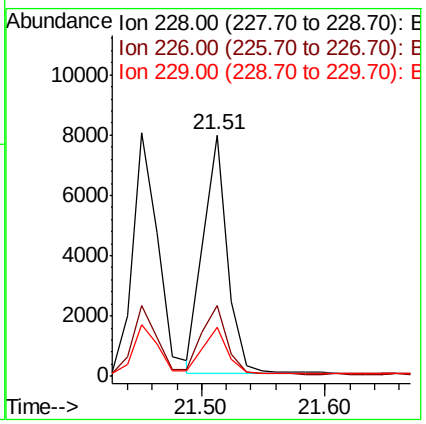


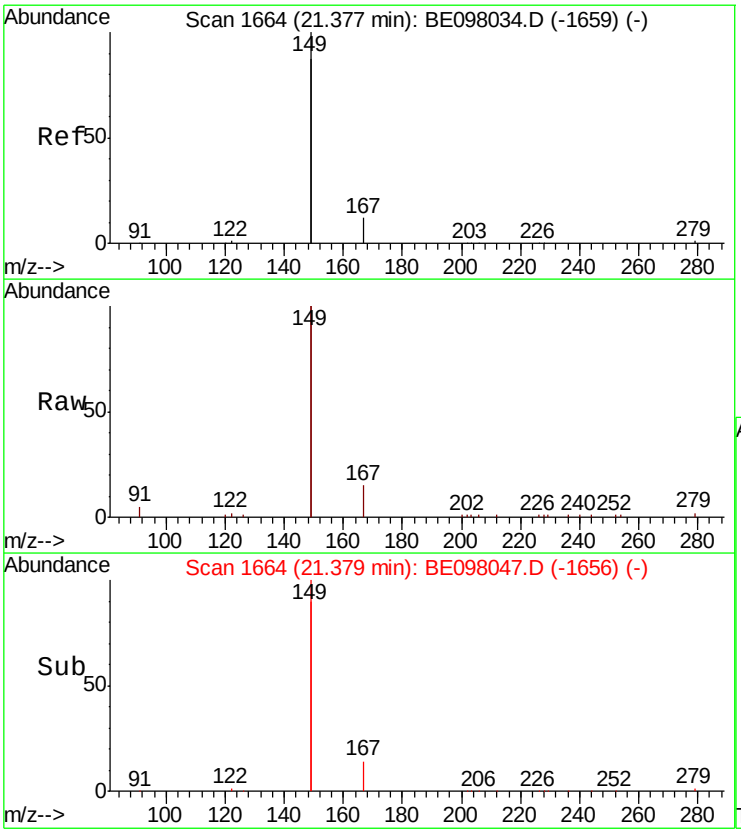
#31
Chrysene
Concen: 0.354 ng
RT: 21.51 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 10769

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	20.4	17.3	25.9

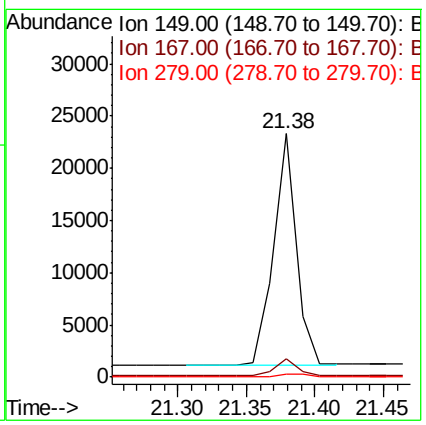


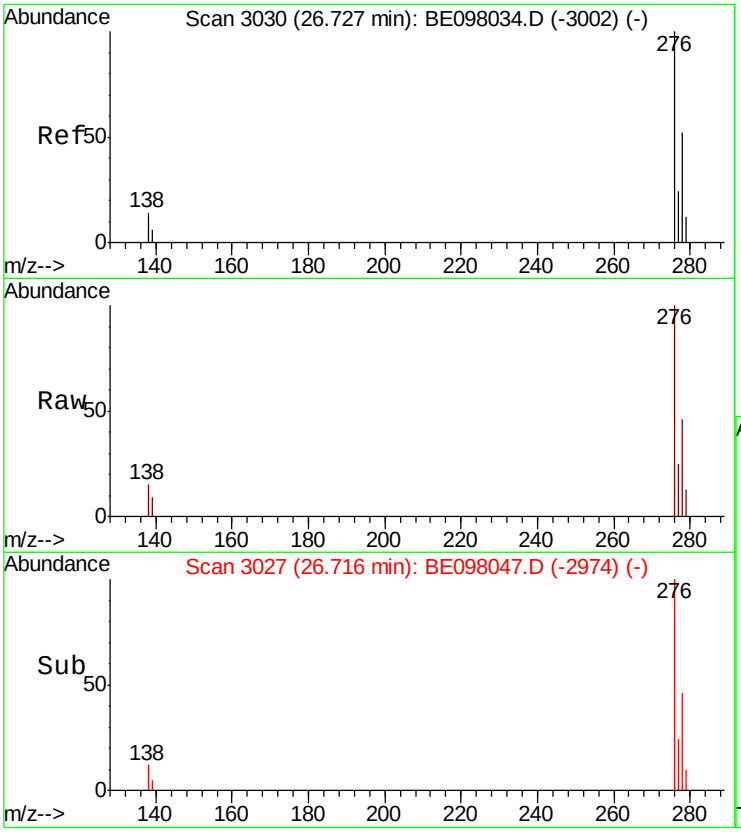


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.341 ng
RT: 21.38 min Scan# 1664
Delta R.T. 0.00 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:149 Resp: 25385

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.6	8.4
279	1.3	0.9	1.3



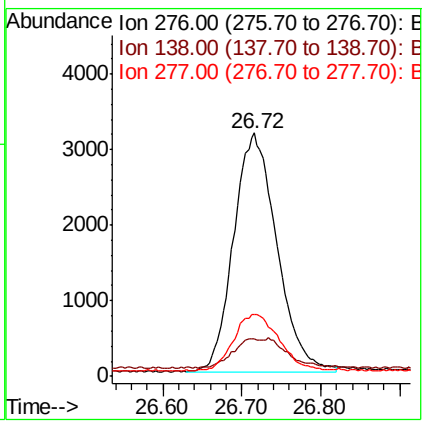


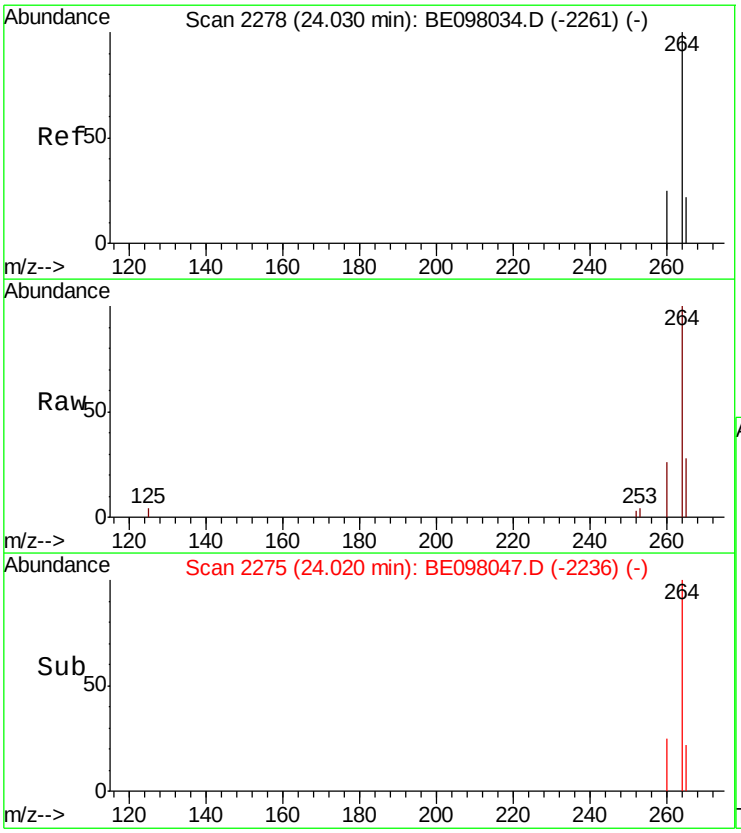
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 11980

Ion	Ratio	Lower	Upper
276	100		
138	7.6	17.0	25.6#
277	25.5	20.5	30.7

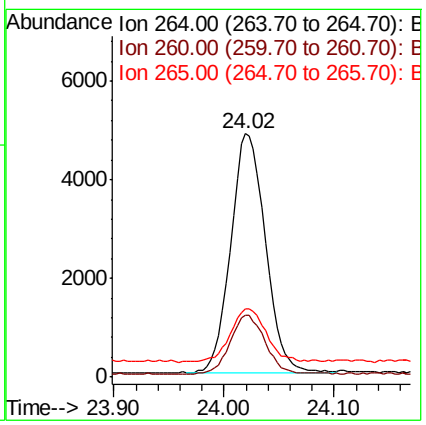


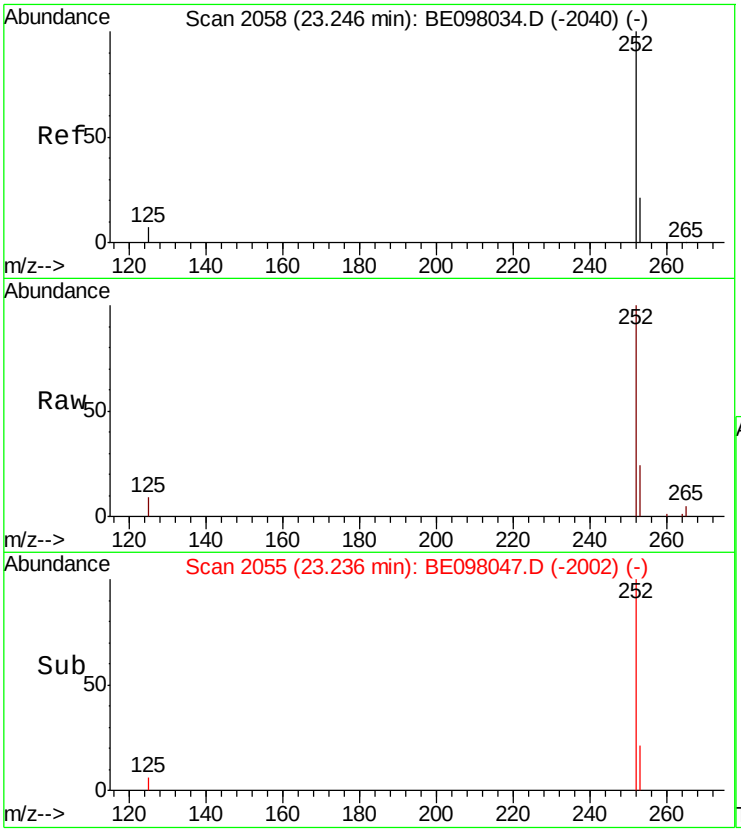


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:264 Resp: 10617

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.1	31.7
265	28.0	29.2	43.8#



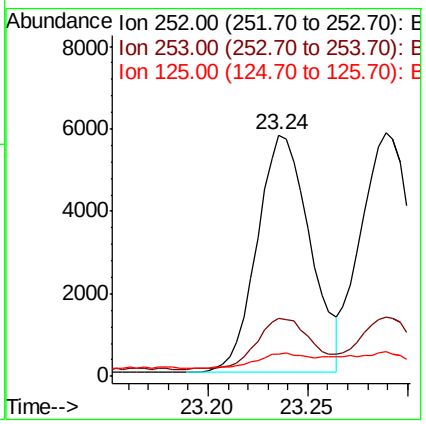


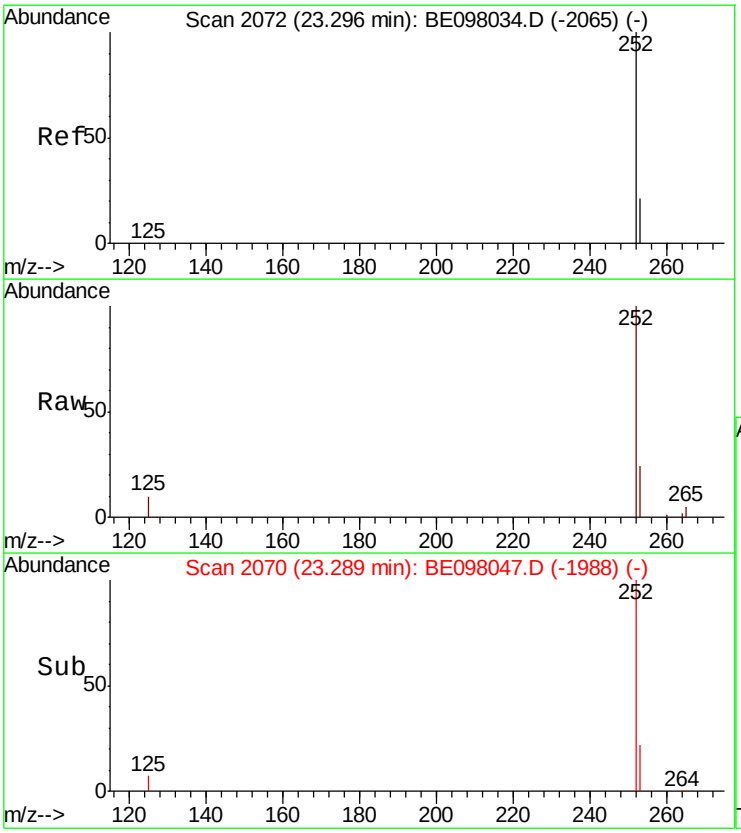
#35
Benzo(b)fluoranthene
Concen: 0.360 ng
RT: 23.24 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10607

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.6	31.0
125	9.1	14.3	21.5#

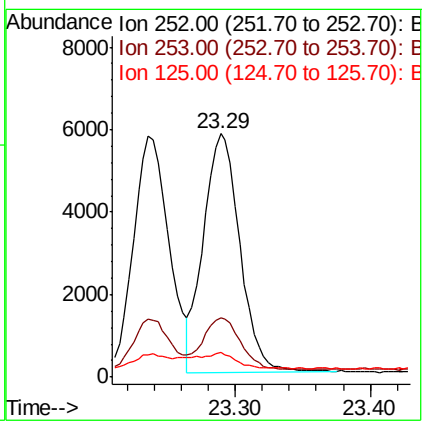


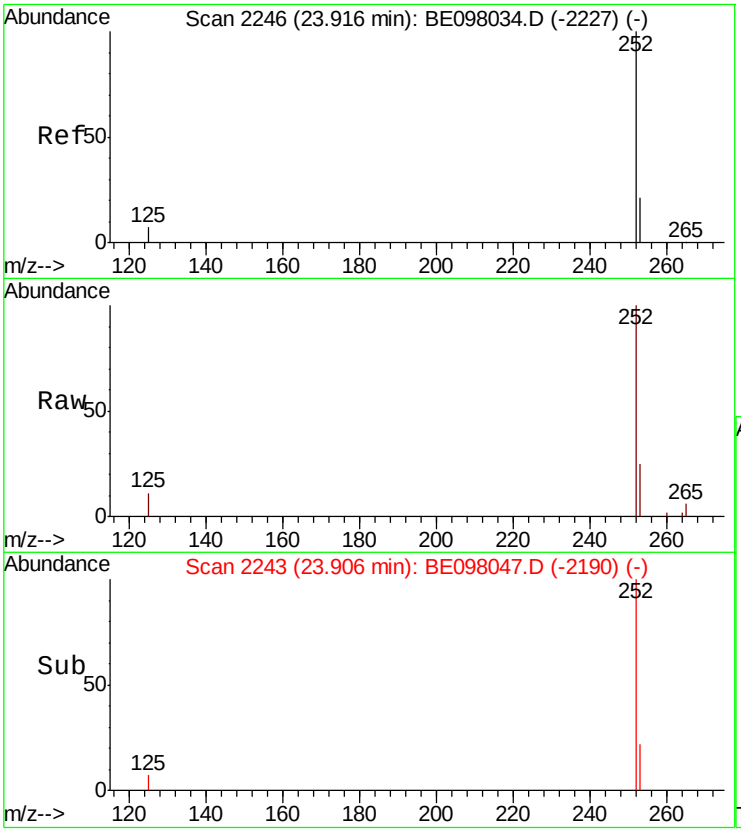


#36
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 23.29 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:252 Resp: 10851

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.4	30.6
125	10.0	14.6	21.8#



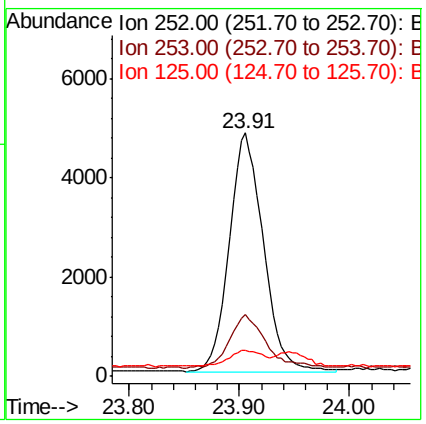


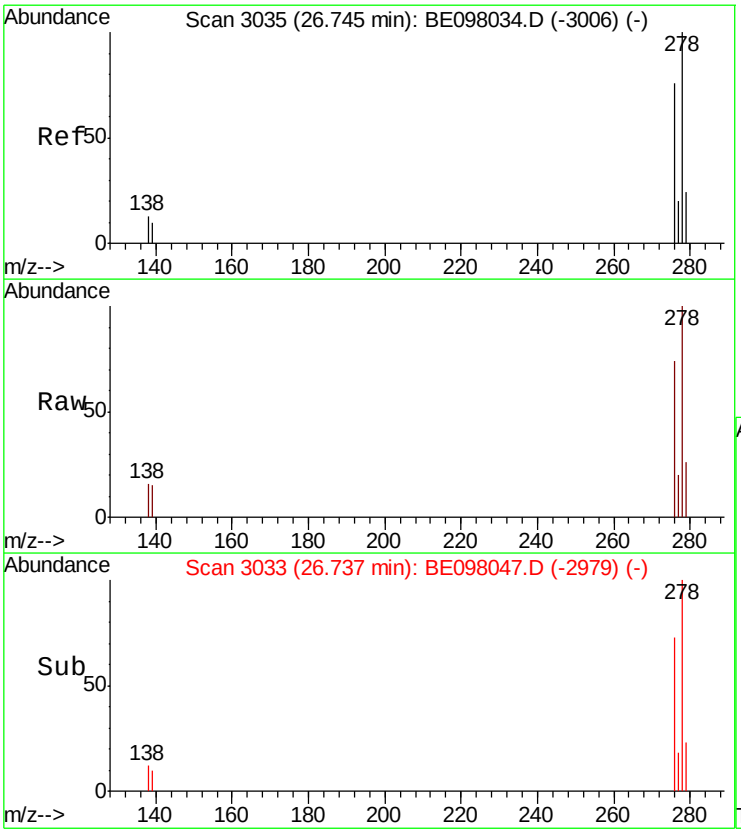
#37
Benzo(a)pyrene
Concen: 0.356 ng
RT: 23.91 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10318

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.6	31.0
125	10.8	15.6	23.4#

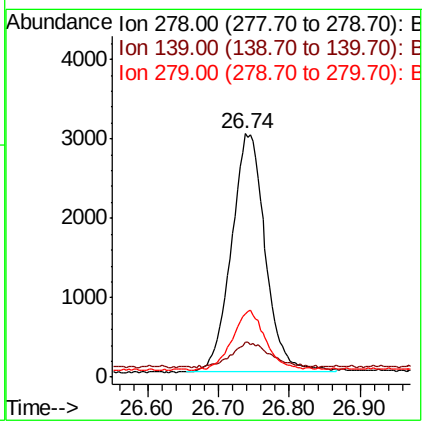


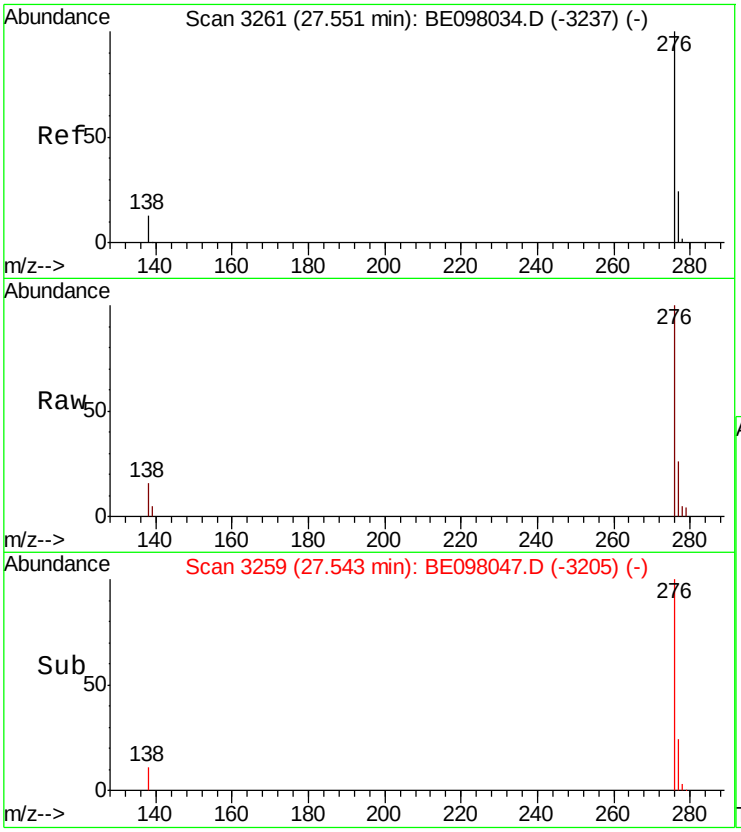


#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 26.74 min Scan# 3033
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Tgt Ion:278 Resp: 10049

Ion	Ratio	Lower	Upper
278	100		
139	14.5	16.3	24.5#
279	25.7	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.356 ng
RT: 27.54 min Scan# 3259
Delta R.T. -0.01 min
Lab File: BE098047.D
Acq: 24 Oct 2018 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9971

Ion	Ratio	Lower	Upper
276	100		
277	25.8	22.1	33.1
138	15.7	19.3	28.9#