Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098033.D
Acq On : 24 Oct 2018 10:47
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Oct 24 11:57:52 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 11:55:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1161	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	5558	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	3712	0.40	ng		0.00
19) Phenanthrene-d10	17.29	188	8933	0.40	ng		0.00
27) Chrysene-d12	21.47	240	10635	0.40	ng		0.00
34) Perylene-d12	24.03	264	10600	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	728	0.20	ng		0.00
5) Phenol-d6	7.06	99	1198	0.22	ng		0.00
8) Nitrobenzene-d5	9.03	82	1237	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	2023	0.22	ng		0.00
14) 2,4,6-Tribromophenol	16.04	330	409	0.20	ng		0.01
15) 2-Fluorobiphenyl	13.16	172	3369	0.22	ng		0.00
25) Fluoranthene-d10	19.33	212	24052	0.20	ng		0.00
29) Terphenyl-d14	19.92	244	5390	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	418	0.206	ng		90
3) n-Nitrosodimethylamine	3.69	42	462	0.204	ng	#	77
6) bis(2-Chloroethyl)ether	7.30	93	768	0.167	ng		84
9) Naphthalene	10.73	128	11163	0.202	ng		99
10) Hexachlorobutadiene	11.02	225	794	0.266	ng		95
12) 2-Methylnaphthalene	12.35	142	1980	0.209	ng		93
16) Acenaphthylene	14.27	152	3557	0.207	ng		99
17) Acenaphthene	14.61	154	2119	0.202	ng		99
18) Fluorene	15.59	166	2823	0.196	ng		97
20) 4-Bromophenyl-phenylether	16.48	248	1110	0.227	ng	#	80
21) Hexachlorobenzene	16.60	284	1190	0.248	ng		98
22) Pentachlorophenol	16.97	266	84	0.061	ng	#	72
23) Phenanthrene	17.34	178	4635	0.204	ng		99
24) Anthracene	17.42	178	4440	0.207	ng		99
26) Fluoranthene	19.36	202	5692	0.191	ng		97
28) Pyrene	19.71	202	6079	0.198	ng		99
30) Benzo(a)anthracene	21.46	228	6587	0.202	ng		98
31) Chrysene	21.51	228	6325	0.205	ng		98
32) Bis(2-ethylhexyl)phthalate	21.38	149	15821	0.208	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	6959	0.210	ng		96
35) Benzo(b)fluoranthene	23.25	252	6131	0.201	ng		97
36) Benzo(k)fluoranthene	23.30	252	6210	0.195	ng		97
37) Benzo(a)pyrene	23.92	252	5993	0.202	ng		95
38) Dibenzo(a,h)anthracene	26.76	278	5786	0.199	ng		97
39) Benzo(g,h,i)perylene	27.55	276	5792	0.194	ng		99

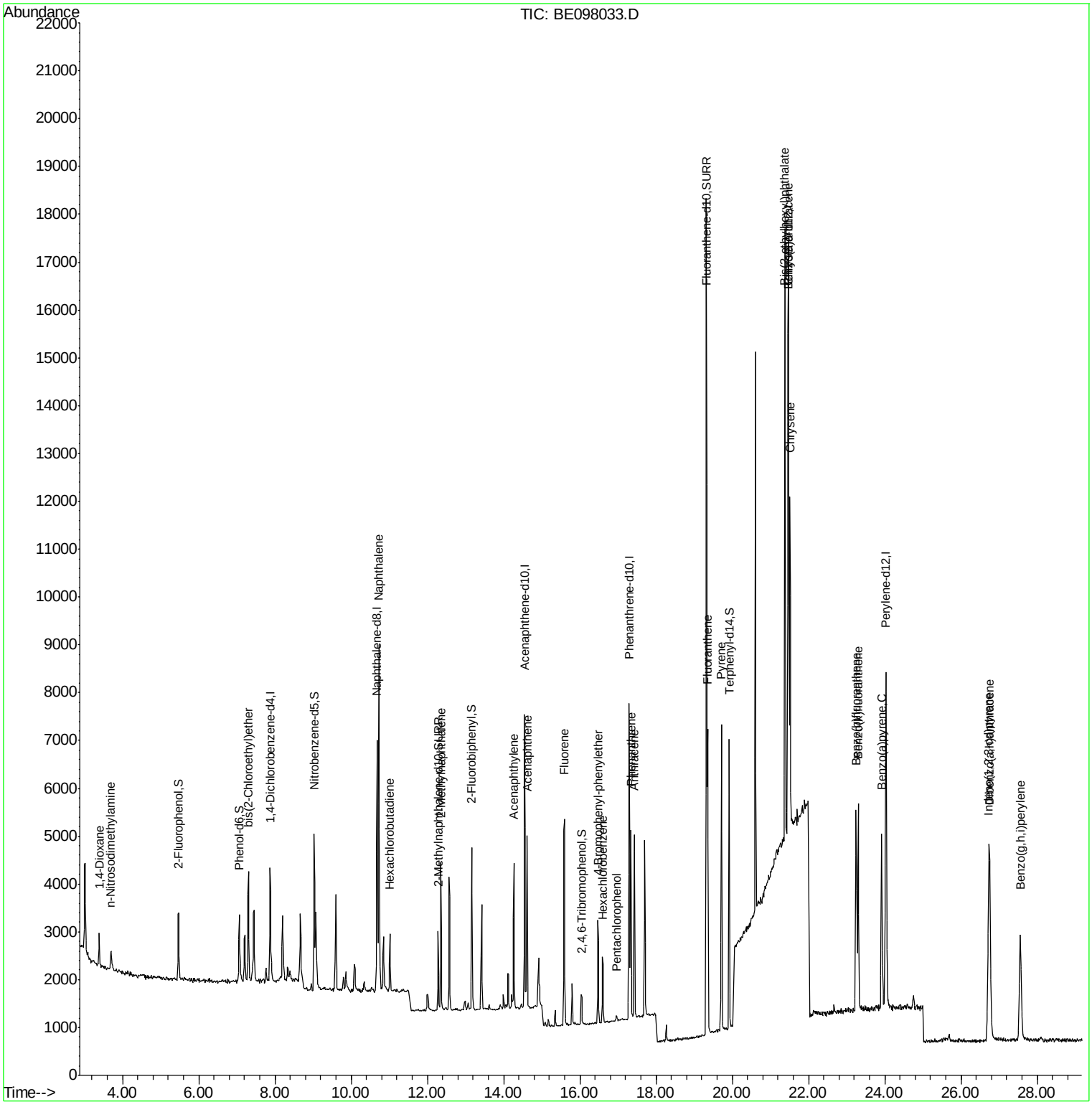
(#) = qualifier out of range (m) = manual integration (+) = signals summed

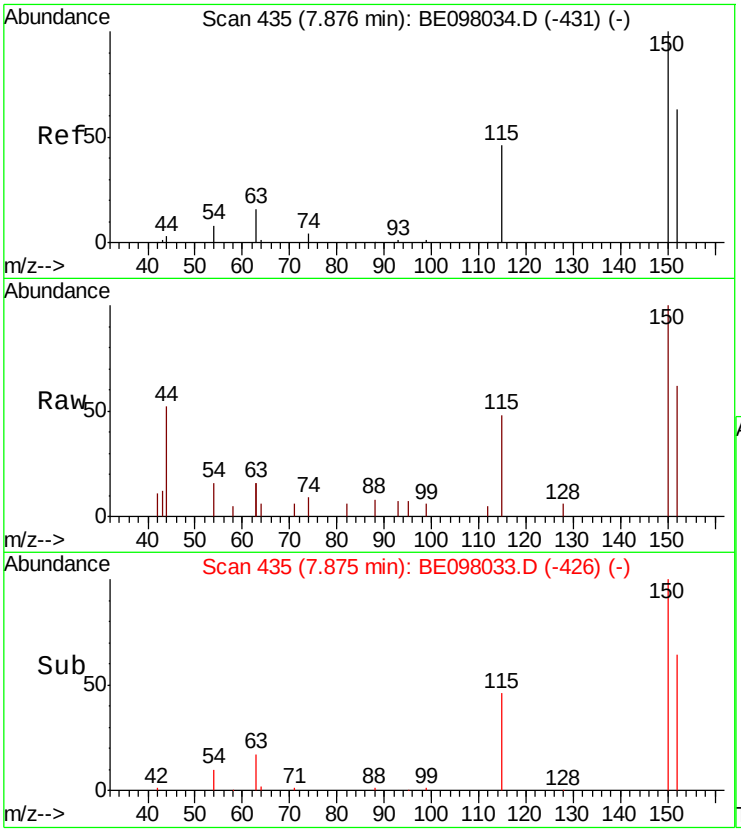
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098033.D
Acq On : 24 Oct 2018 10:47
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 24 11:57:52 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 11:55:09 2018
Response via : Initial Calibration



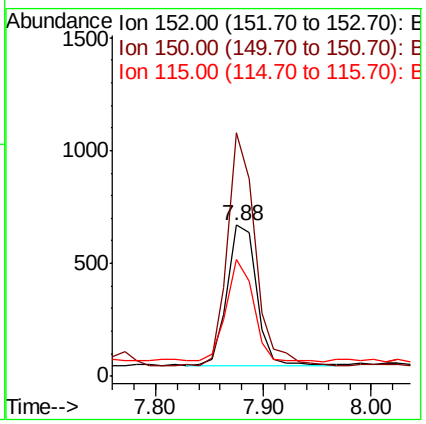


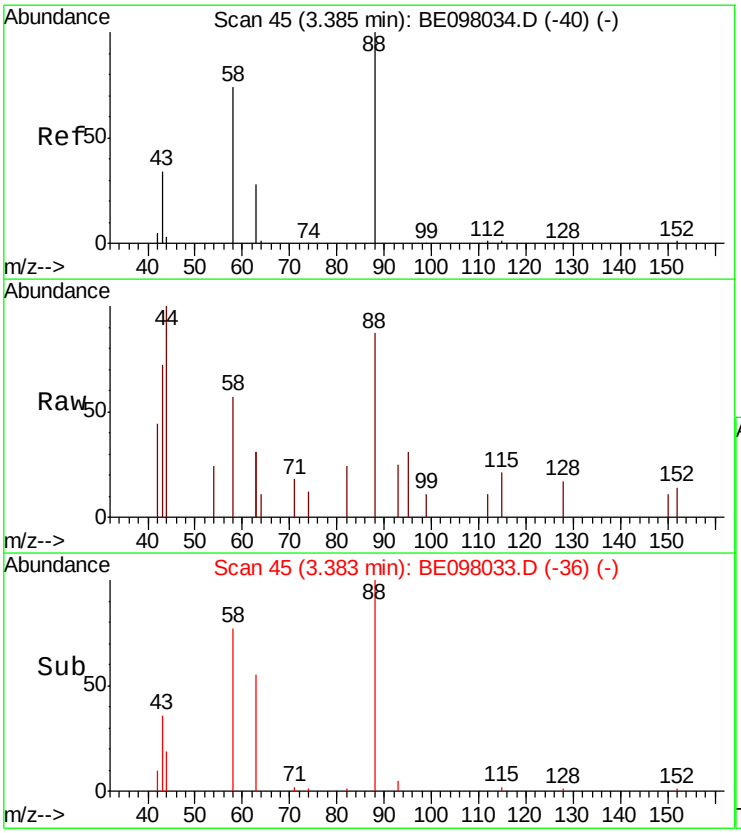
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1161

Ion	Ratio	Lower	Upper
152	100		
150	161.4	118.2	177.4
115	77.5	50.9	76.3#

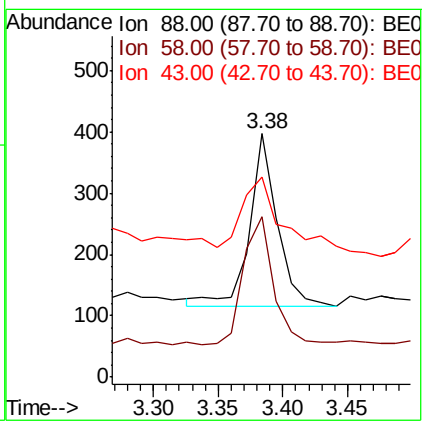


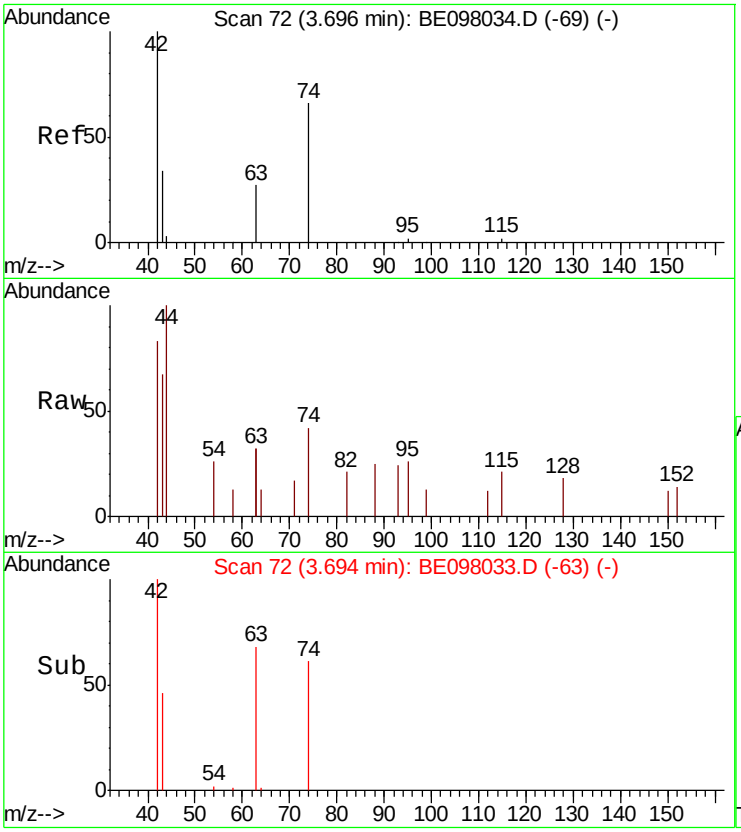


#2
1,4-Dioxane
Concen: 0.206 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion: 88 Resp: 418

Ion	Ratio	Lower	Upper
88	100		
58	81.6	73.2	109.8
43	52.6	36.9	55.3



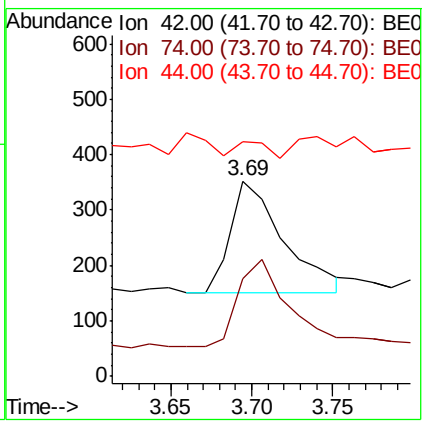


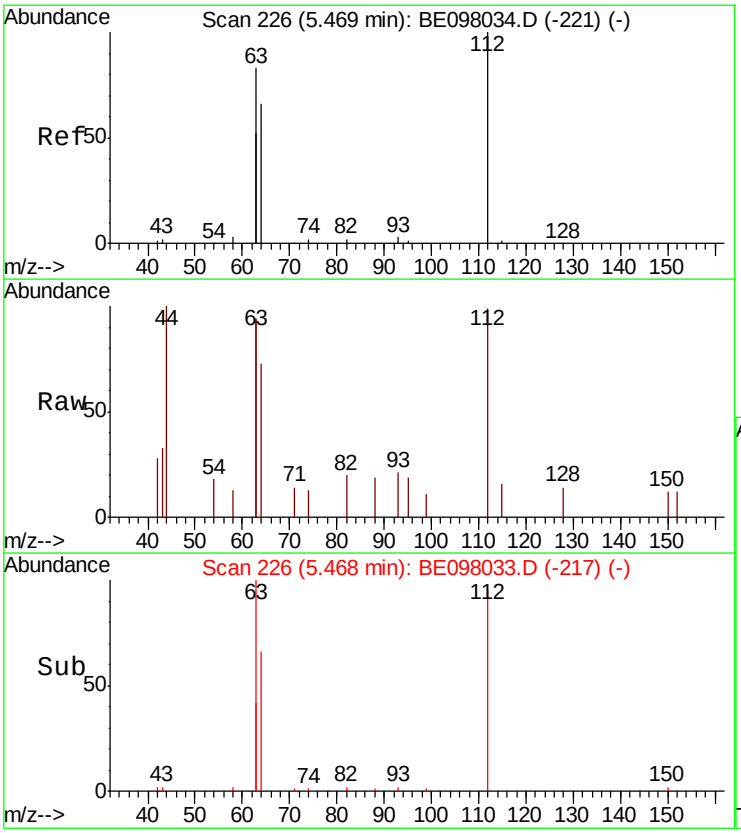
#3
n-Nitrosodimethylamine
Concen: 0.204 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 462

Ion	Ratio	Lower	Upper
42	100		
74	72.9	77.6	116.4#
44	8.2	7.6	11.4

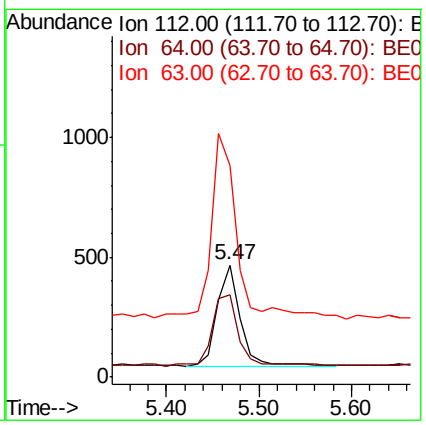


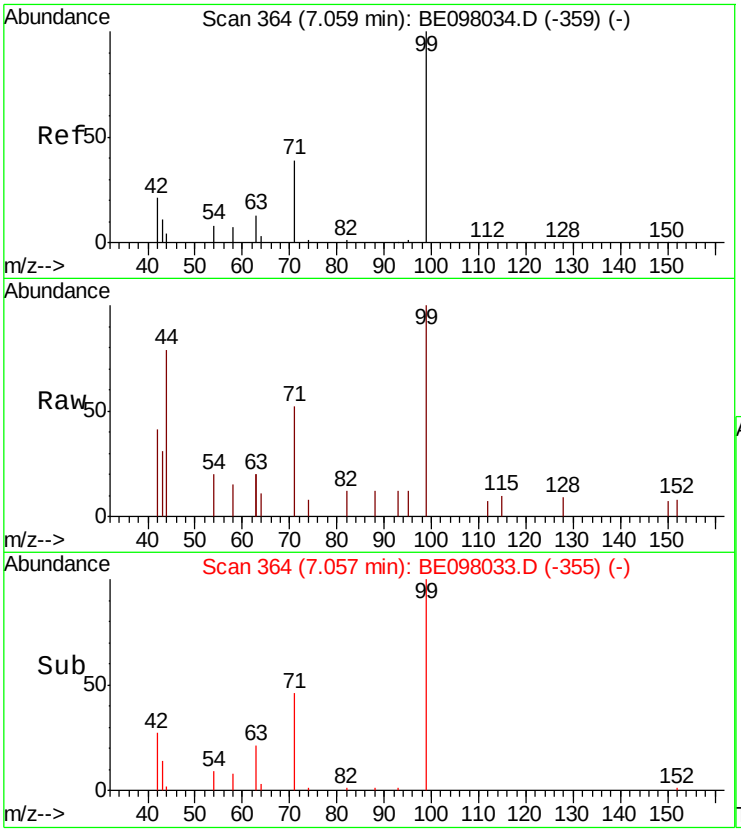


#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:112 Resp: 728

Ion	Ratio	Lower	Upper
112	100		
64	82.8	58.9	88.3
63	182.0	120.3	180.5#



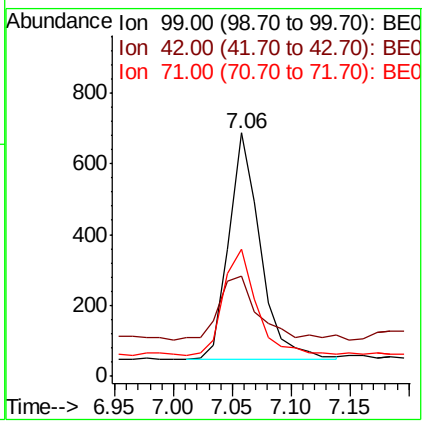


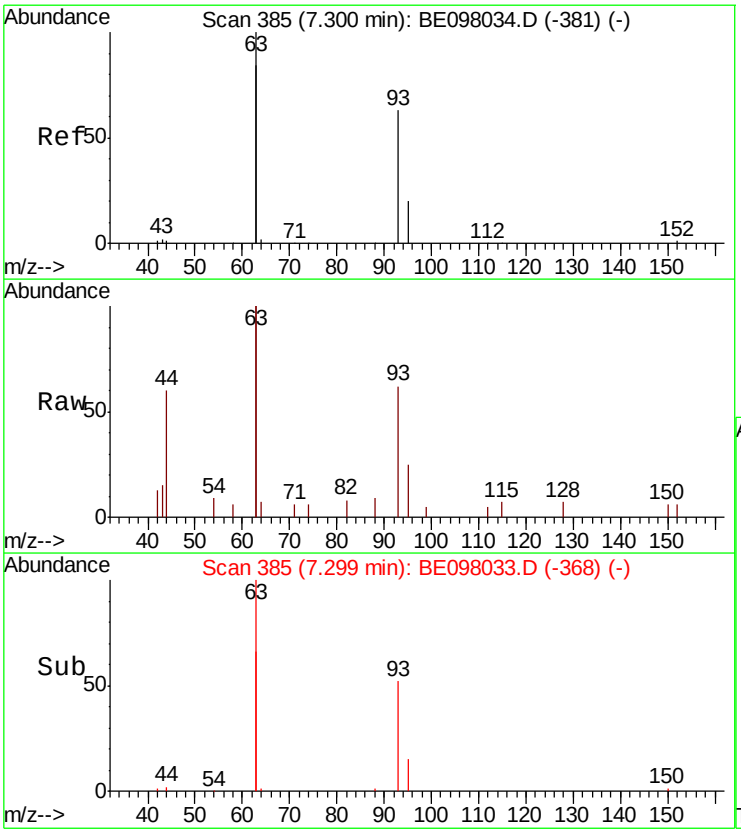
#5
Phenol-d6
Concen: 0.221 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1198

Ion	Ratio	Lower	Upper
99	100		
42	36.8	19.9	29.9#
71	49.2	27.8	41.8#

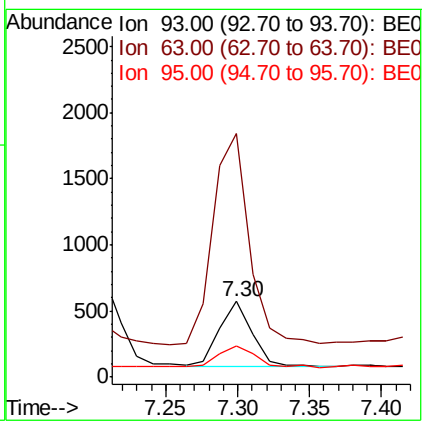


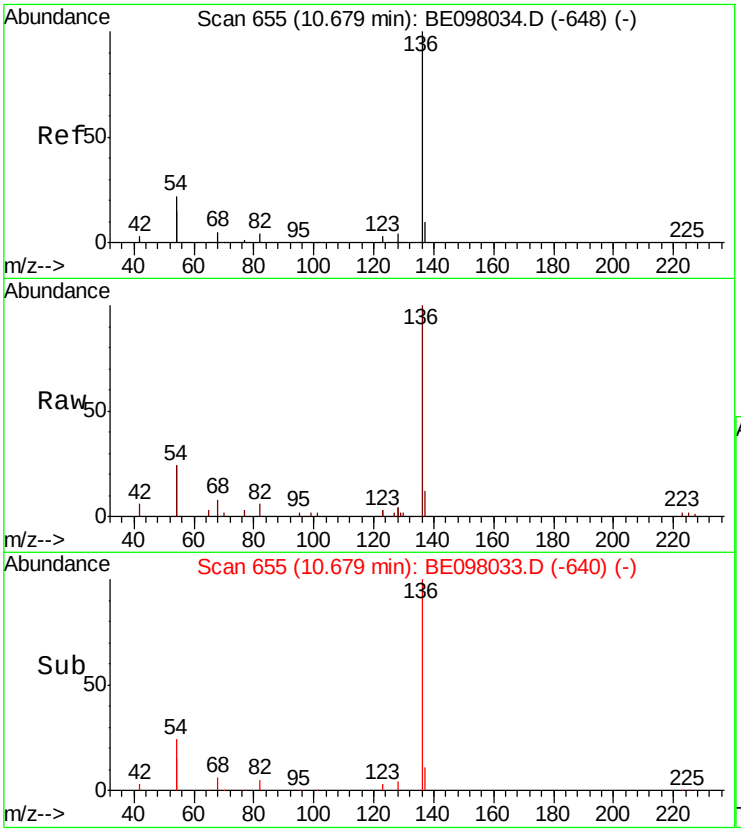


#6
bis(2-Chloroethyl)ether
Concen: 0.167 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion: 93 Resp: 768

Ion	Ratio	Lower	Upper
93	100		
63	360.3	259.0	388.4
95	36.7	27.8	41.8



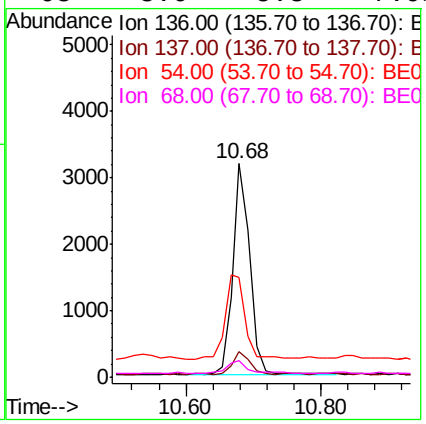


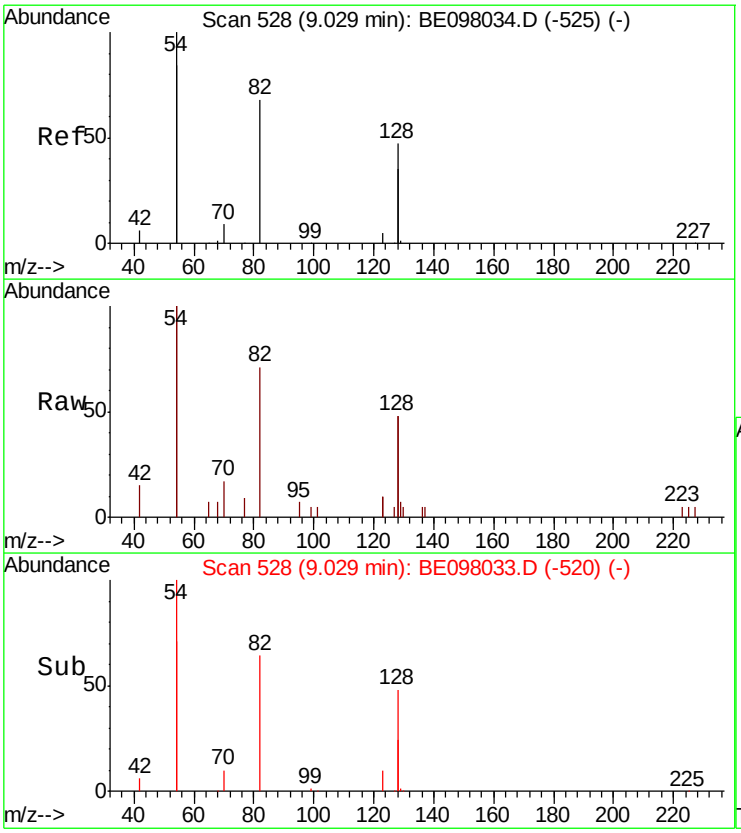
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 5558

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	47.1	27.7	41.5#
68	8.0	5.3	7.9#

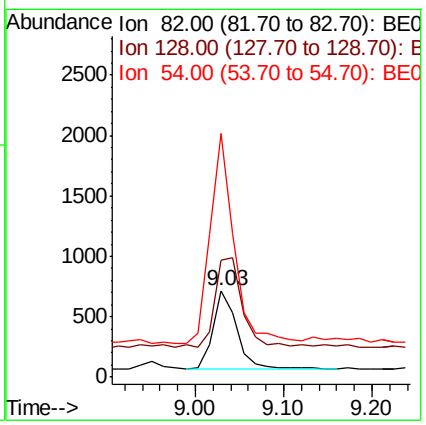


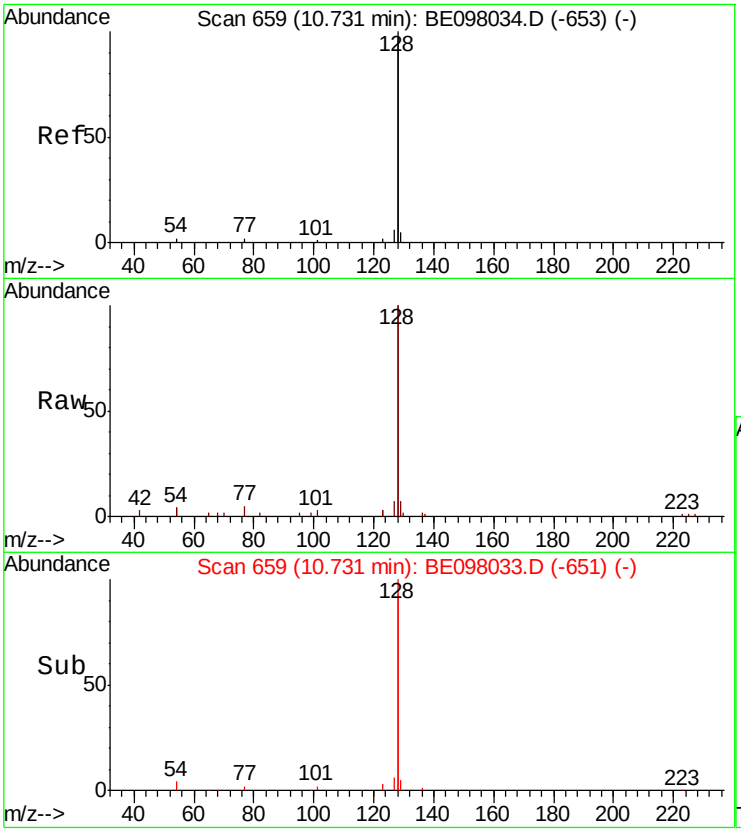


#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion: 82 Resp: 1237

Ion	Ratio	Lower	Upper
82	100		
128	135.8	129.9	194.9
54	281.6	174.0	261.0#



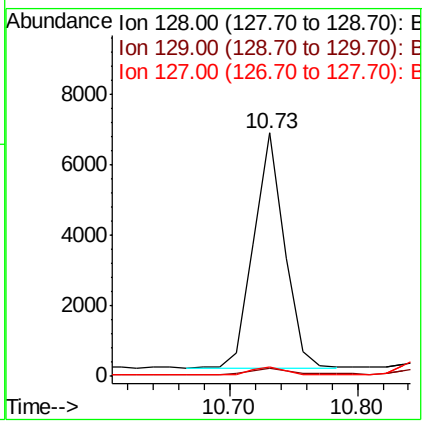


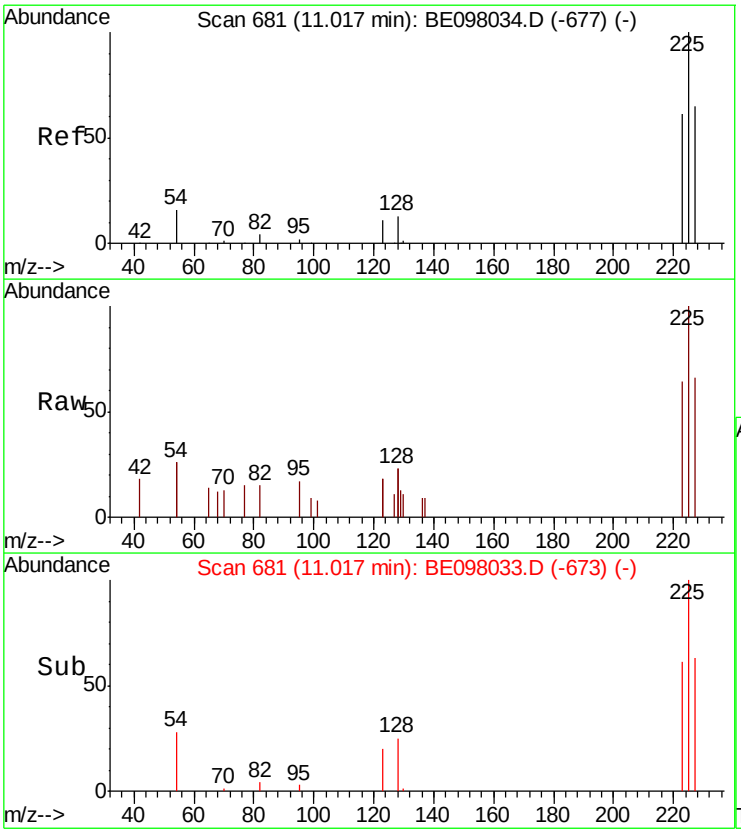
#9
Naphthalene
Concen: 0.202 ng
RT: 10.73 min Scan# 659
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 11163

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.5	3.7
127	3.7	2.8	4.2

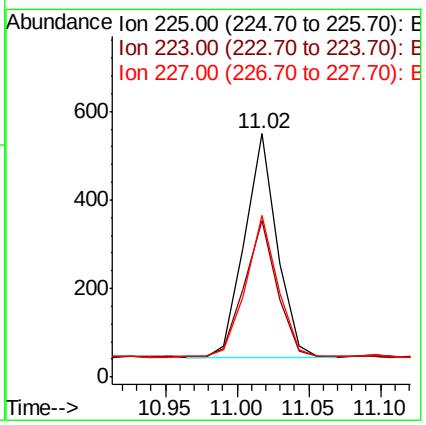


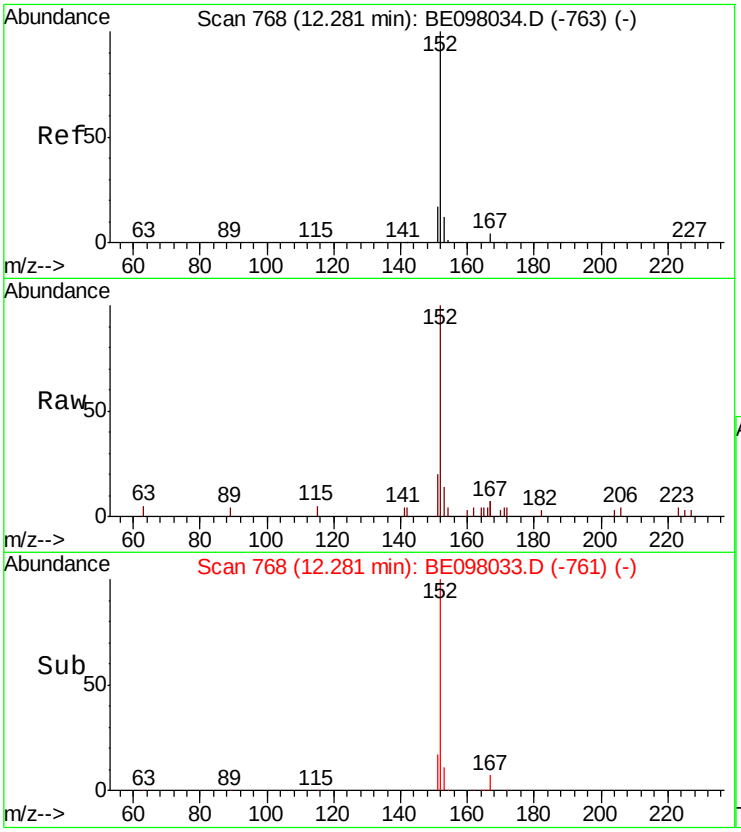


#10
Hexachlorobutadiene
Concen: 0.266 ng
RT: 11.02 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:225 Resp: 794

Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.8	77.8
227	62.8	53.0	79.6



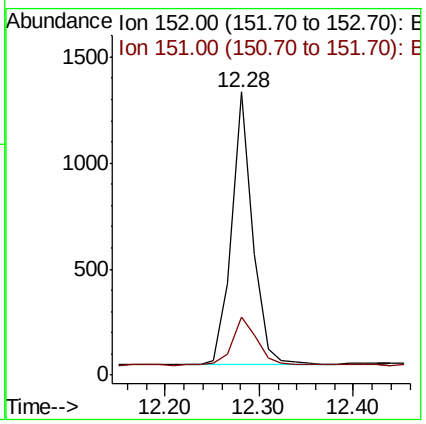


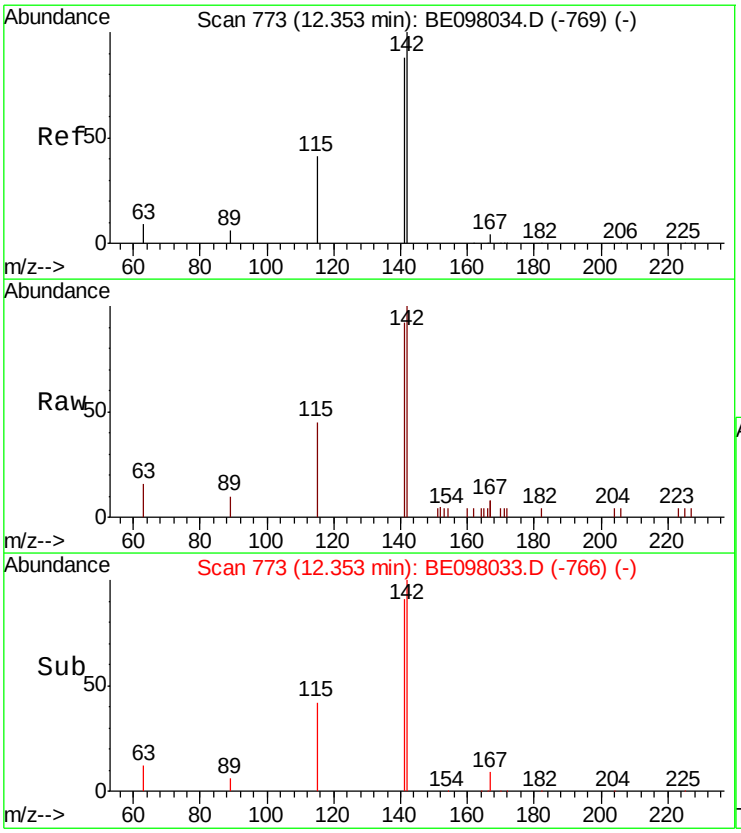
#11
2-Methylnaphthalene-d10
Concen: 0.219 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2023

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

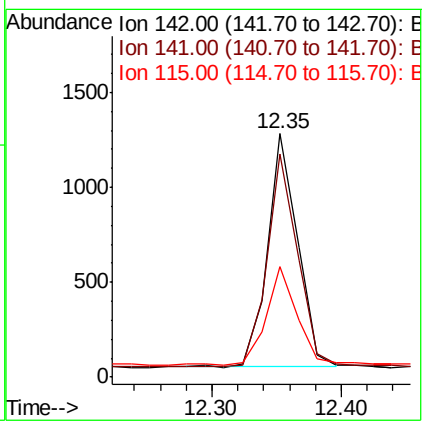


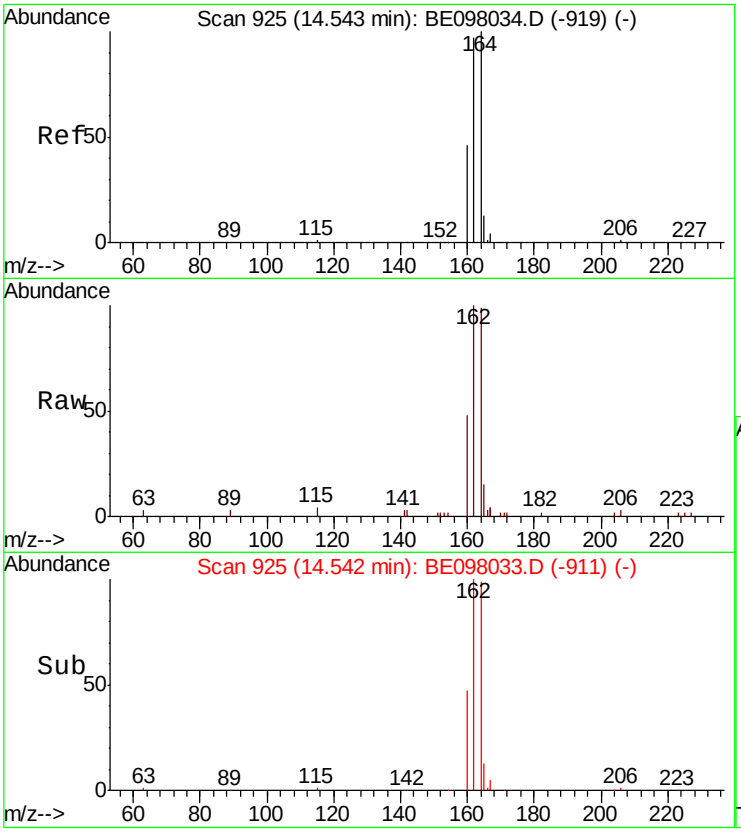


#12
2-Methylnaphthalene
Concen: 0.209 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:142 Resp: 1980

Ion	Ratio	Lower	Upper
142	100		
141	91.5	69.8	104.6
115	45.4	30.5	45.7



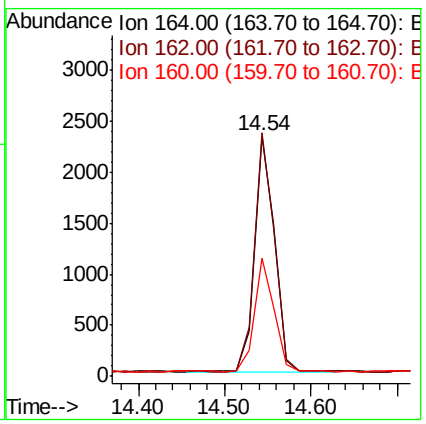


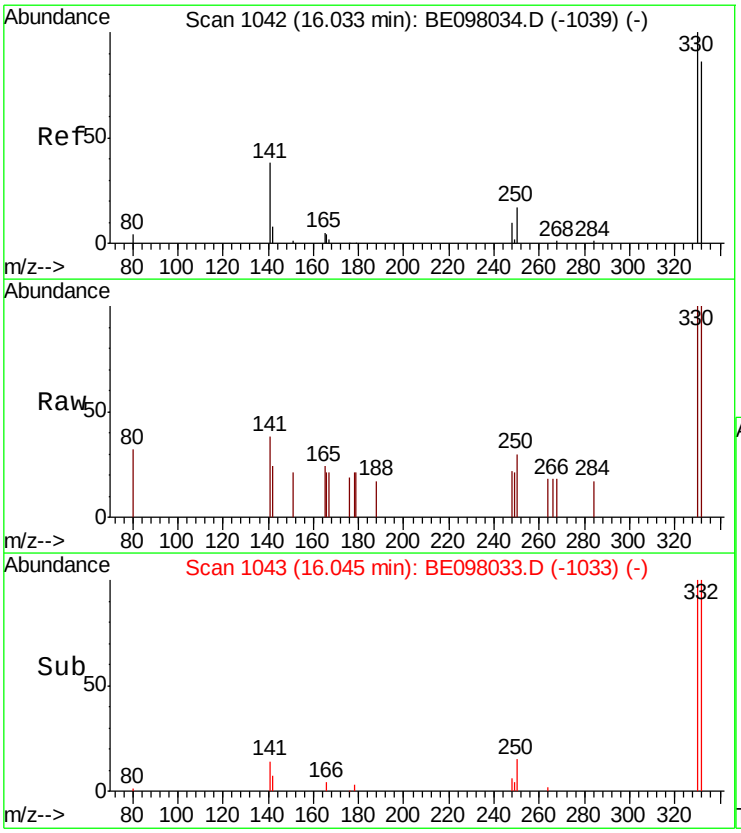
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 3712

Ion	Ratio	Lower	Upper
164	100		
162	101.4	77.4	116.2
160	49.0	36.5	54.7

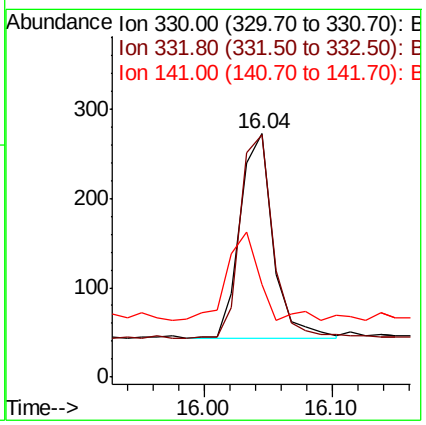


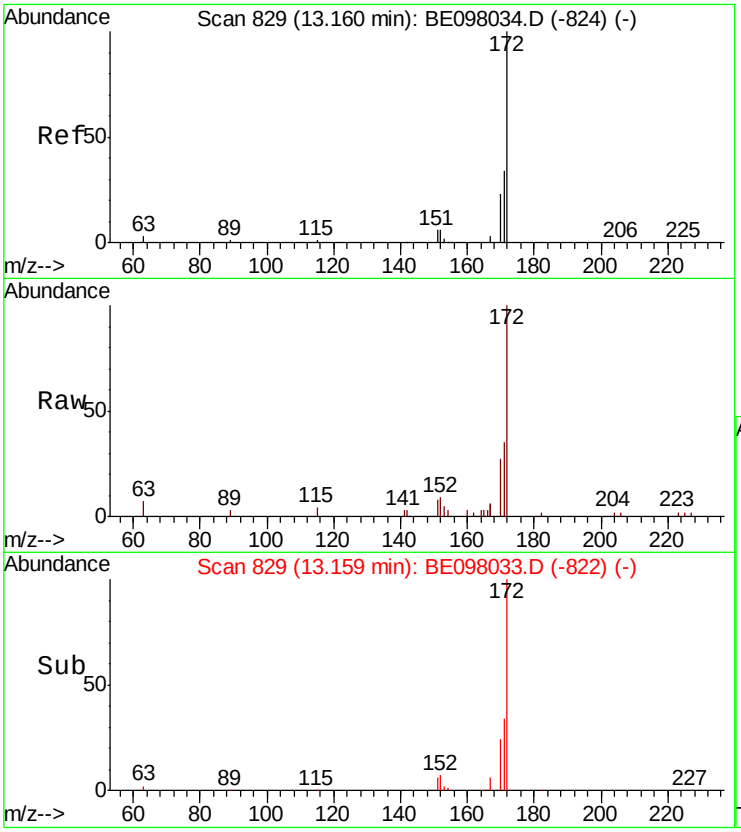


#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:330 Resp: 409

Ion	Ratio	Lower	Upper
330	100		
332	102.2	76.5	114.7
141	42.1	31.8	47.6



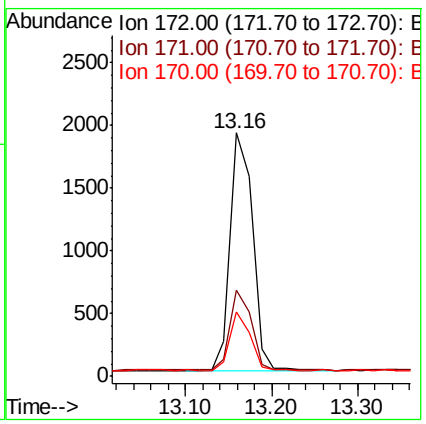


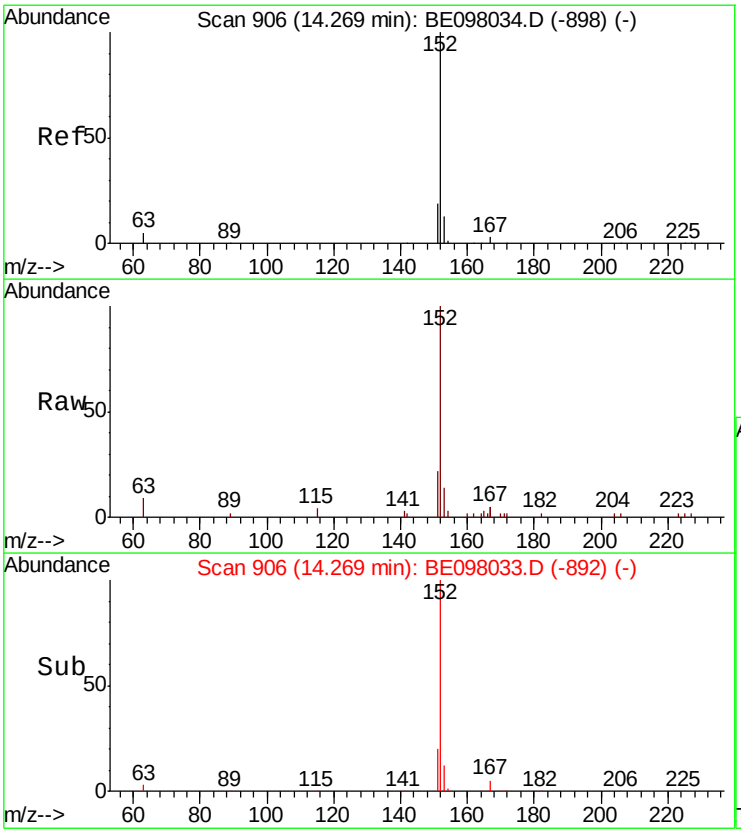
#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 3369

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.0	39.0
170	26.5	18.0	27.0

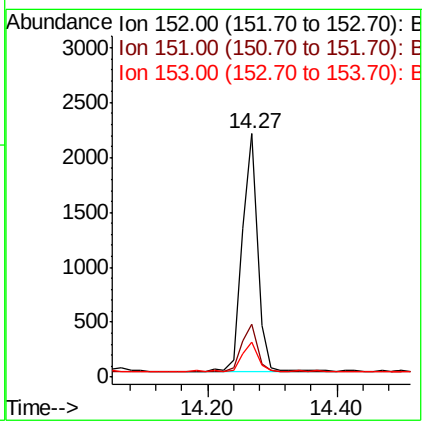


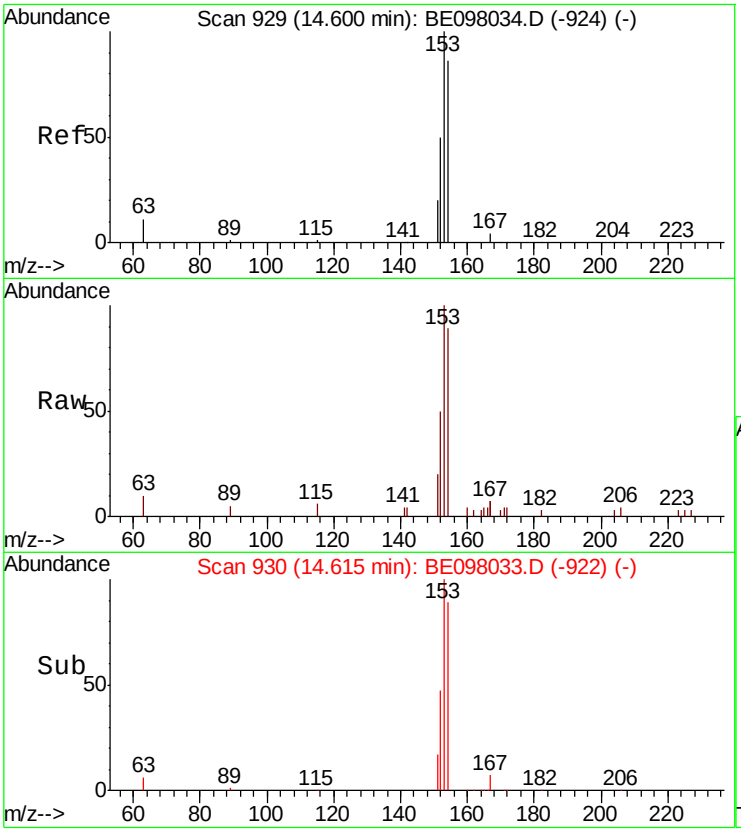


#16
Acenaphthylene
Concen: 0.207 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:152 Resp: 3557

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.1	24.1
153	13.6	10.9	16.3



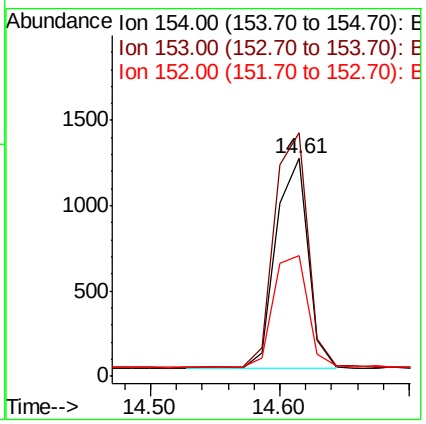


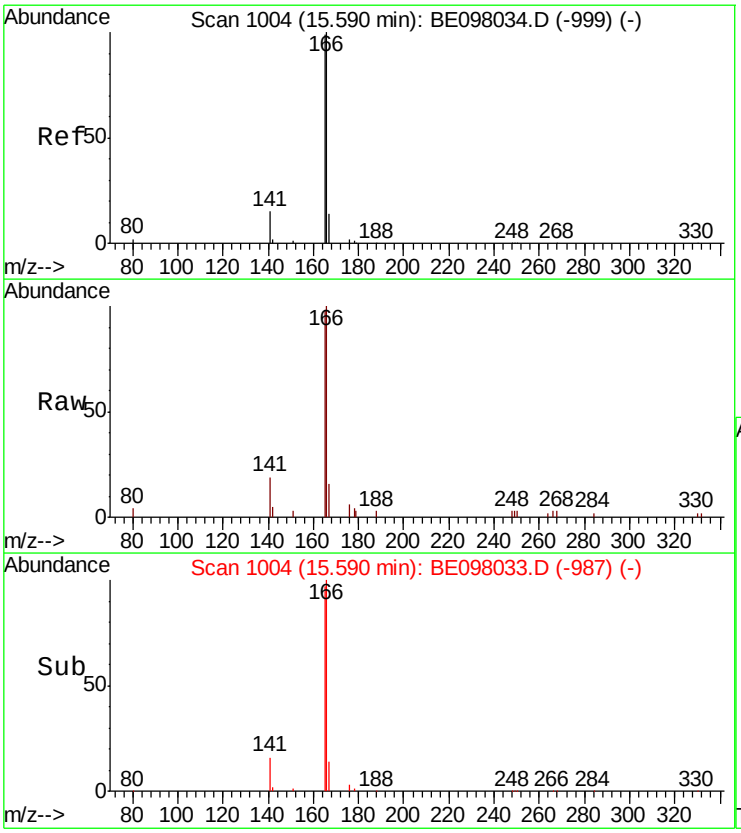
#17
Acenaphthene
Concen: 0.202 ng
RT: 14.61 min Scan# 930
Delta R.T. 0.01 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 2119

Ion	Ratio	Lower	Upper
154	100		
153	117.0	92.6	139.0
152	57.6	45.5	68.3

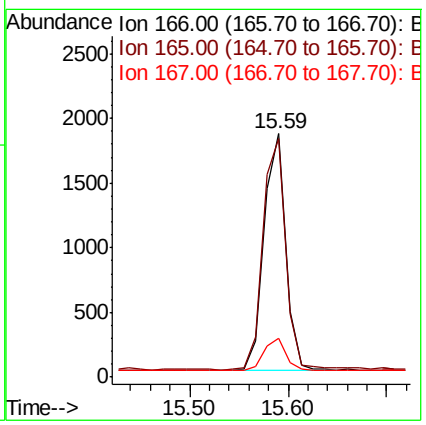


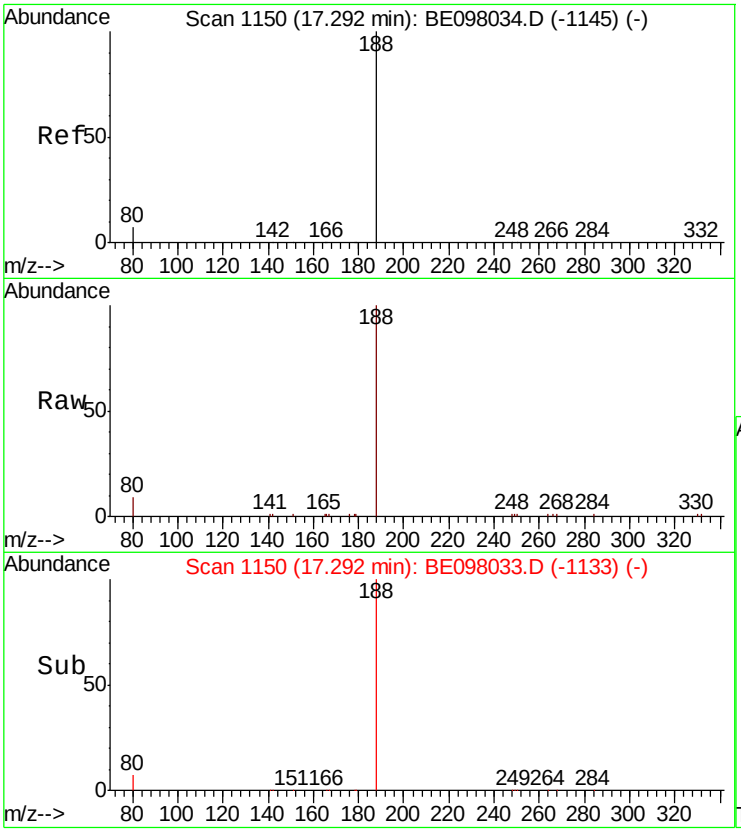


#18
Fluorene
Concen: 0.196 ng
RT: 15.59 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:166 Resp: 2823

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.2	117.4
167	14.3	11.0	16.6



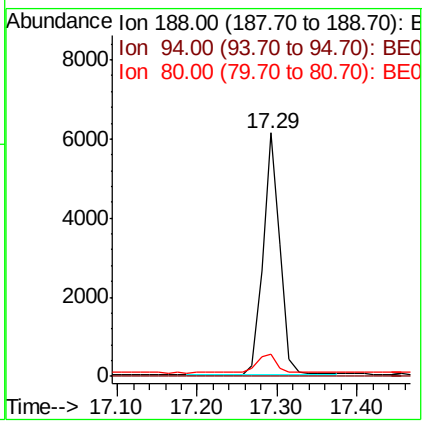


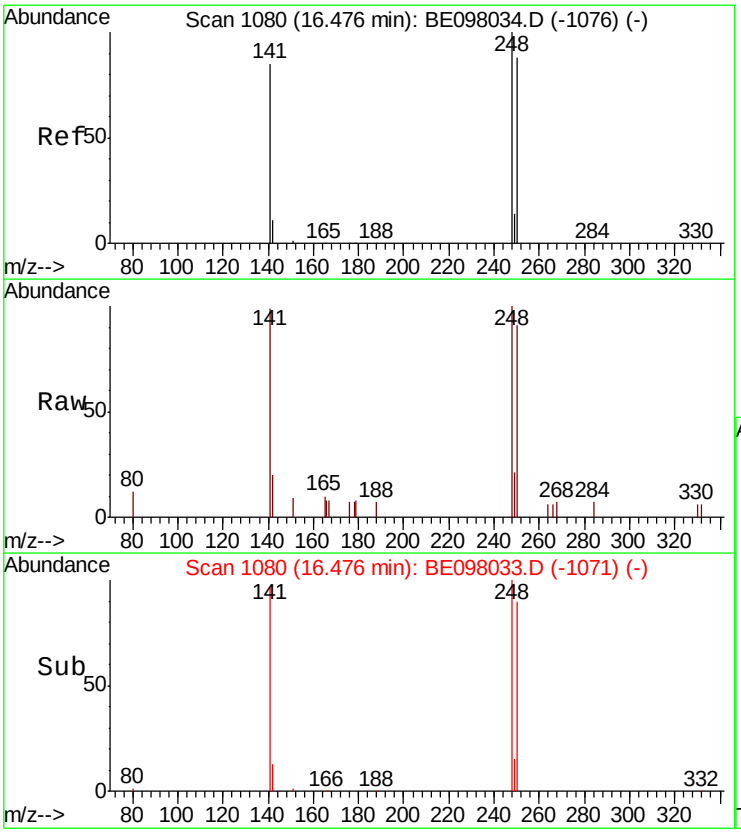
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 8933

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.3	9.5

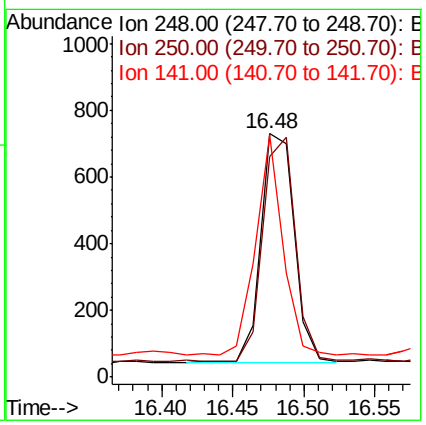


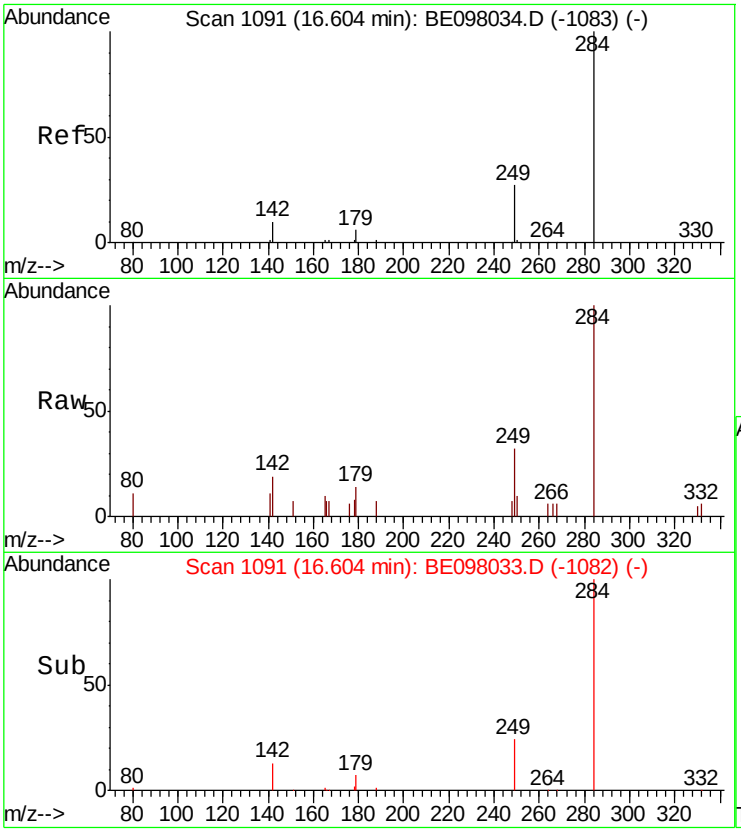


#20
4-Bromophenyl-phenylether
Concen: 0.227 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:248 Resp: 1110

Ion	Ratio	Lower	Upper
248	100		
250	90.7	75.1	112.7
141	99.5	51.8	77.8#



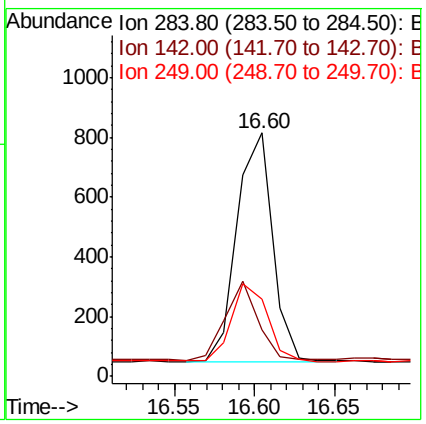


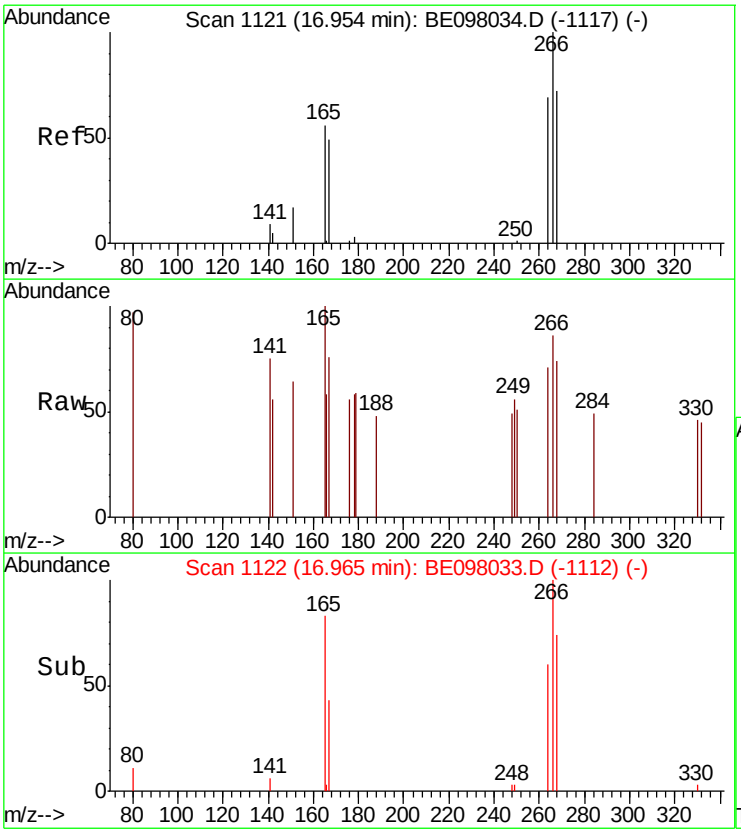
#21
Hexachlorobenzene
Concen: 0.248 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1190

Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.9	38.9
249	34.1	26.6	40.0

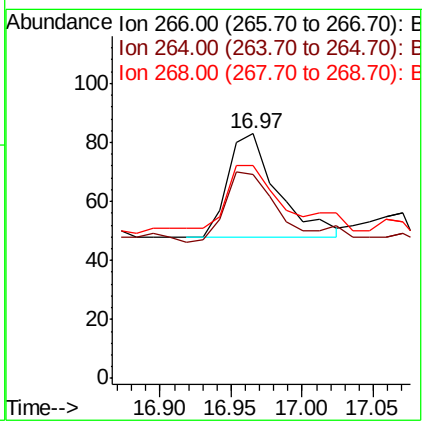


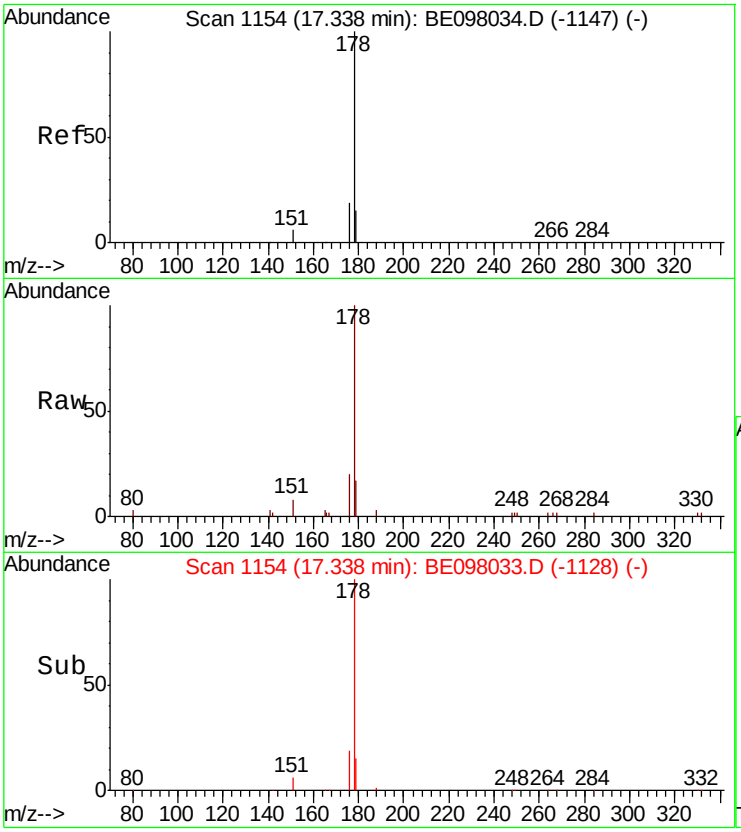


#22
Pentachlorophenol
Concen: 0.061 ng
RT: 16.97 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:266 Resp: 84

Ion	Ratio	Lower	Upper
266	100		
264	83.1	51.3	76.9#
268	86.7	50.1	75.1#



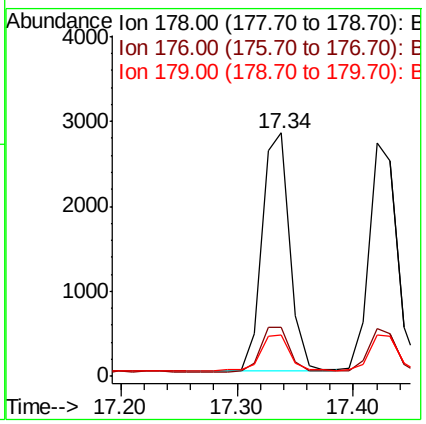


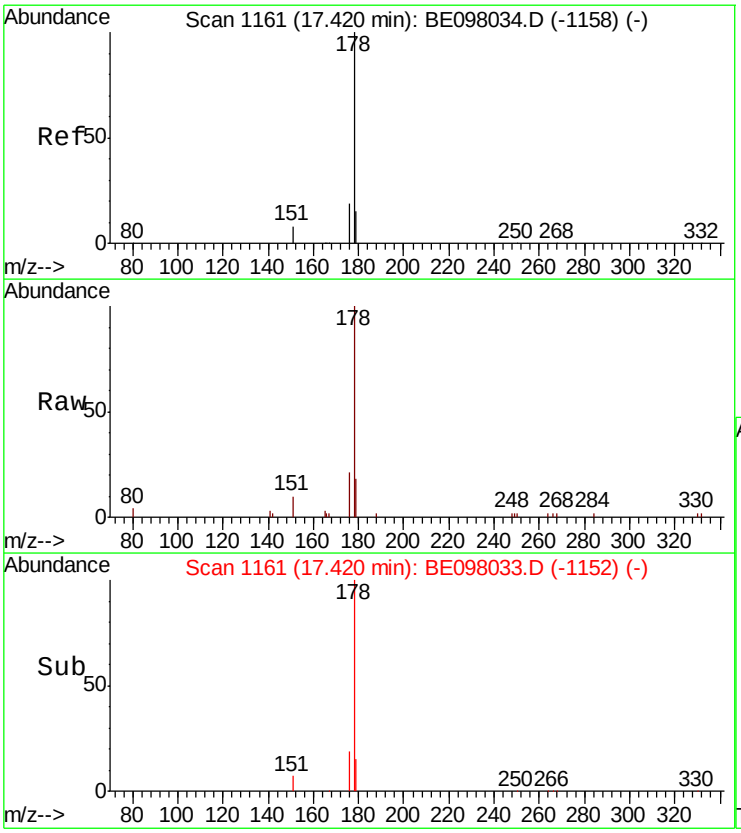
#23
Phenanthrene
Concen: 0.204 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 4635

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	16.1	12.2	18.4

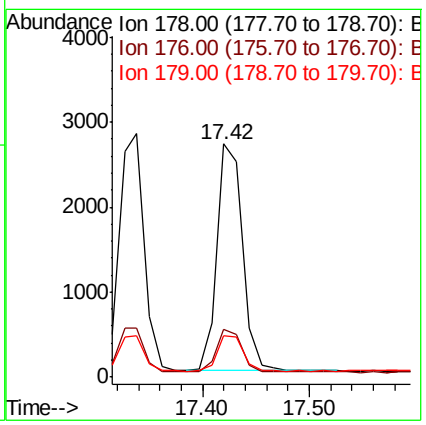


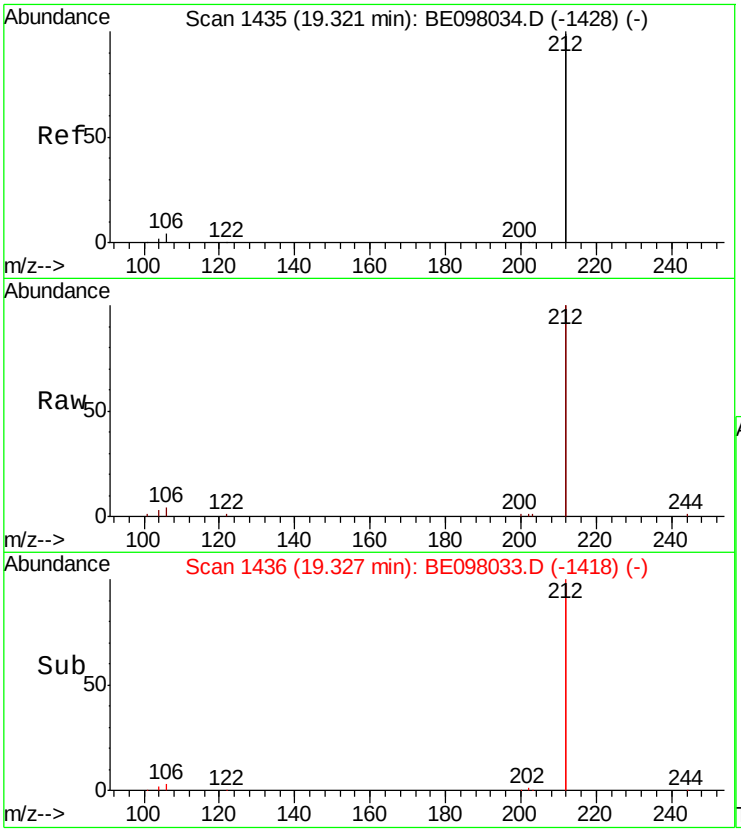


#24
Anthracene
Concen: 0.207 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:178 Resp: 4440

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.9	11.9	17.9



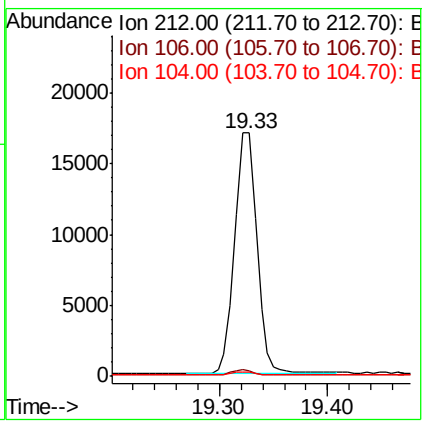


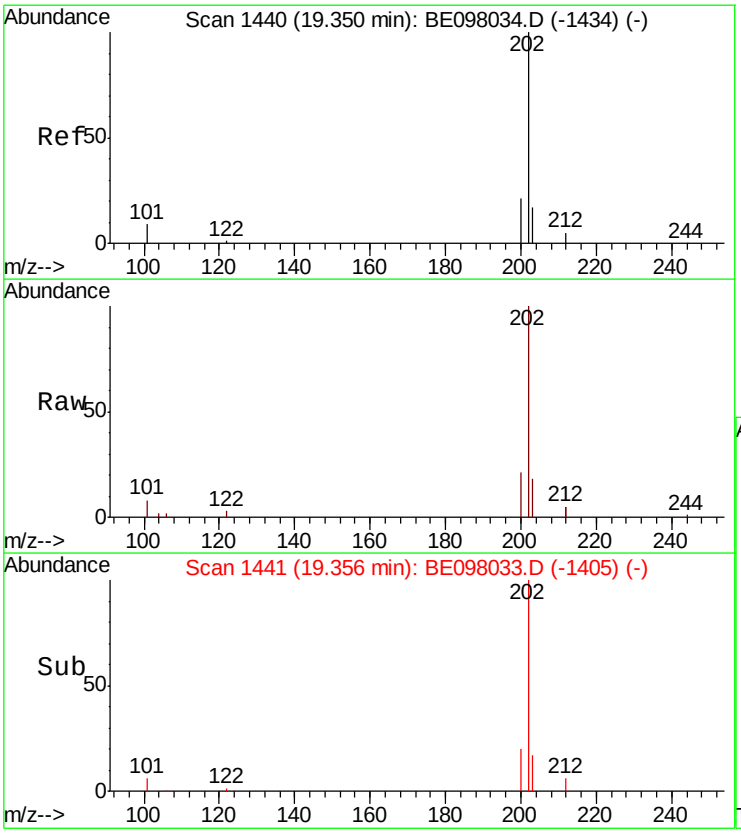
#25
Fluoranthene-d10
Concen: 0.199 ng
RT: 19.33 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 24052

Ion	Ratio	Lower	Upper
212	100		
106	2.1	2.3	3.5#
104	1.3	1.3	1.9

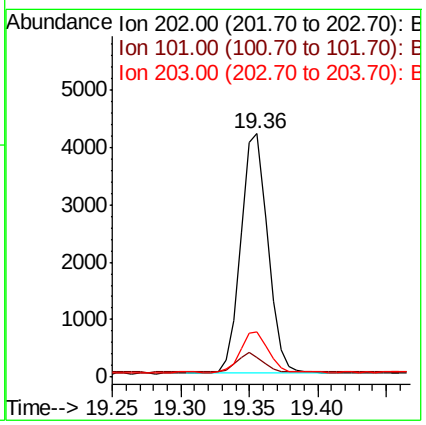


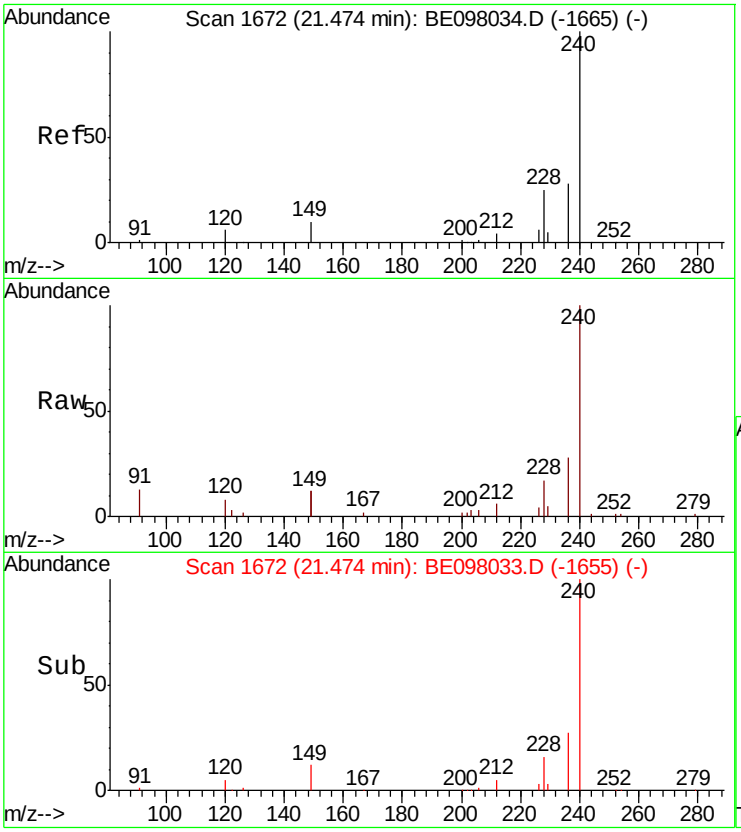


#26
Fluoranthene
Concen: 0.191 ng
RT: 19.36 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:202 Resp: 5692

Ion	Ratio	Lower	Upper
202	100		
101	8.9	8.2	12.2
203	17.7	15.0	22.4



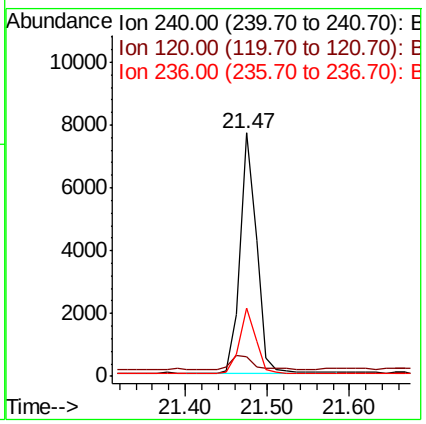


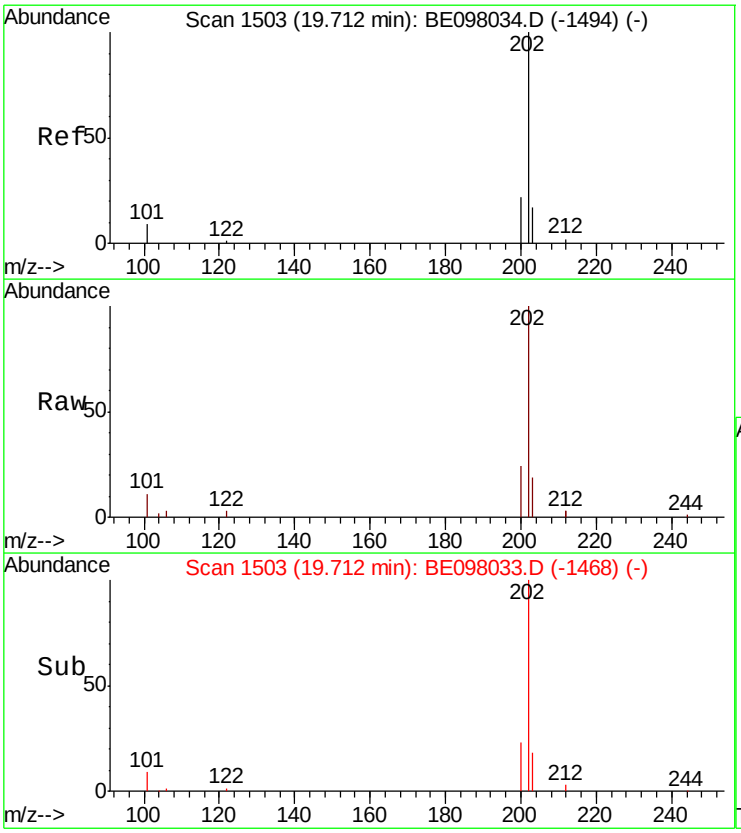
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 10635

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.1	10.7
236	28.0	21.3	31.9

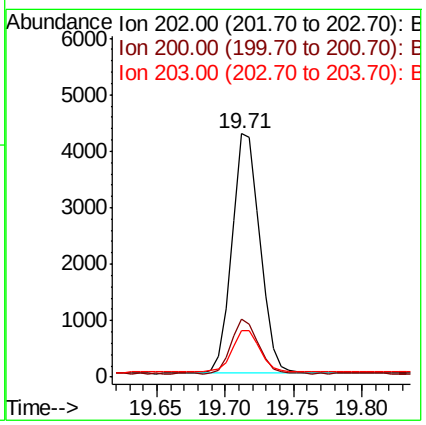


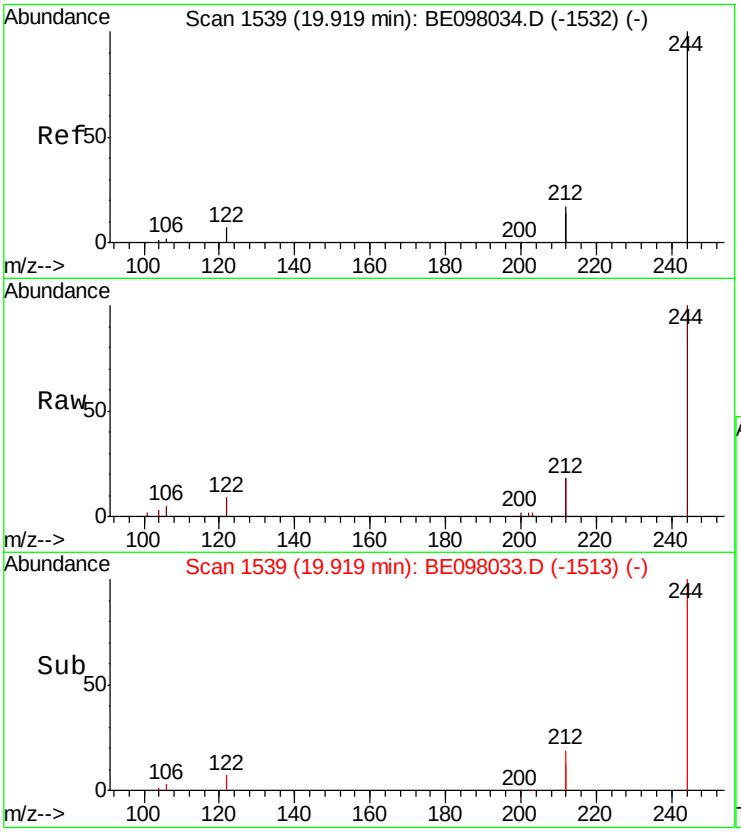


#28
Pyrene
Concen: 0.198 ng
RT: 19.71 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:202 Resp: 6079

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.4
203	17.3	14.2	21.4



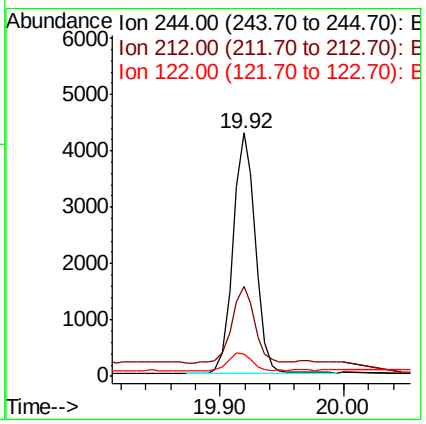


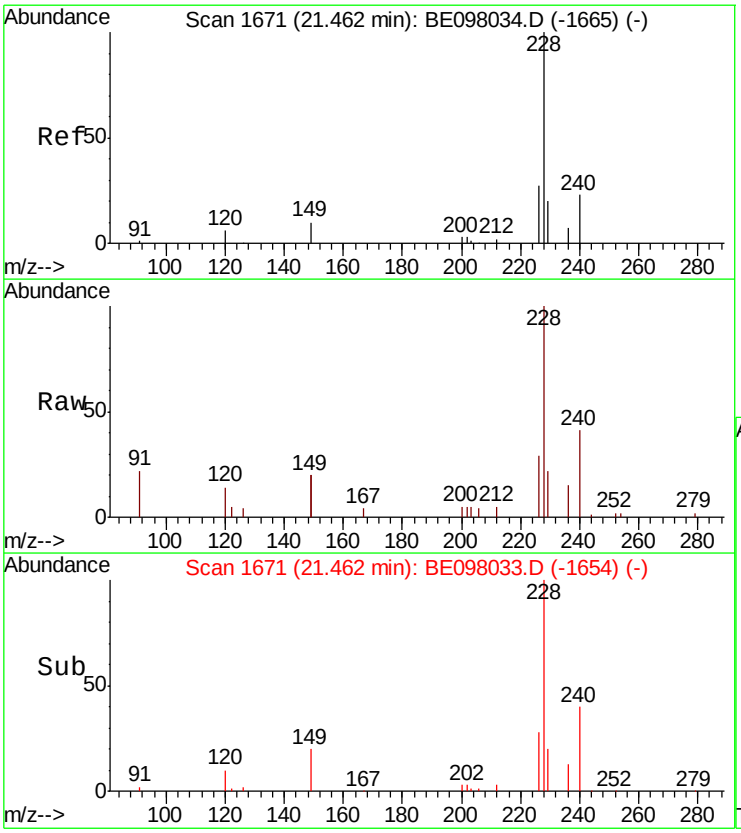
#29
Terphenyl-d14
Concen: 0.221 ng
RT: 19.92 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 5390

Ion	Ratio	Lower	Upper
244	100		
212	36.7	26.2	39.2
122	9.1	7.7	11.5

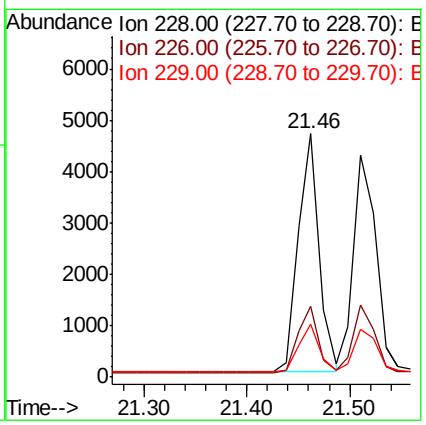


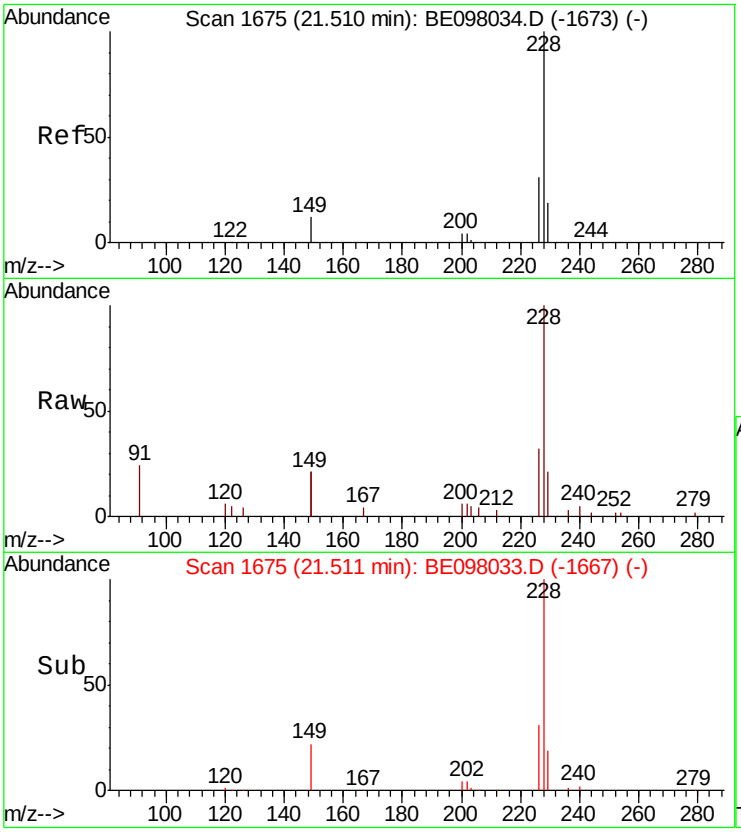


#30
Benzo(a)anthracene
Concen: 0.202 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:228 Resp: 6587

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	22.0	16.9	25.3



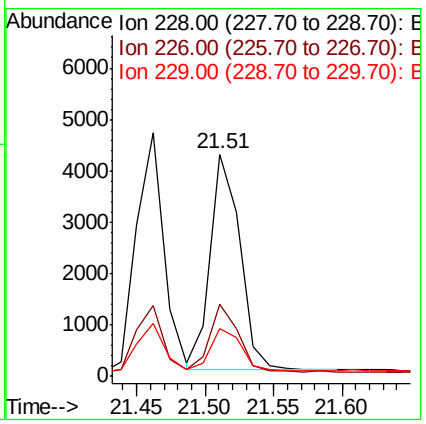


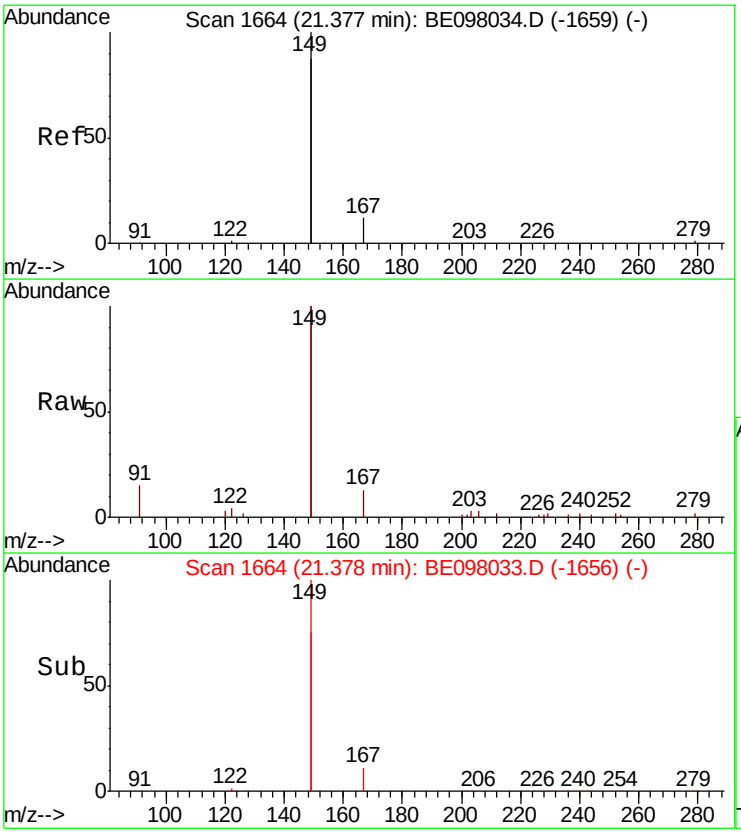
#31
Chrysene
Concen: 0.205 ng
RT: 21.51 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 6325

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.3	36.5
229	21.3	17.3	25.9

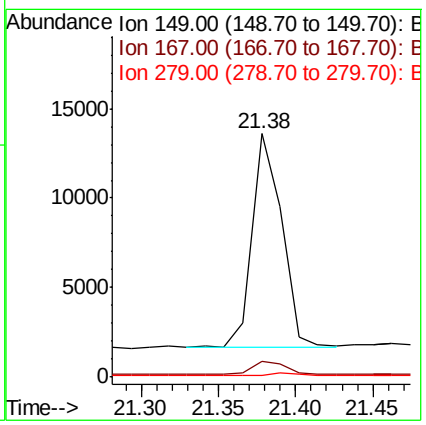


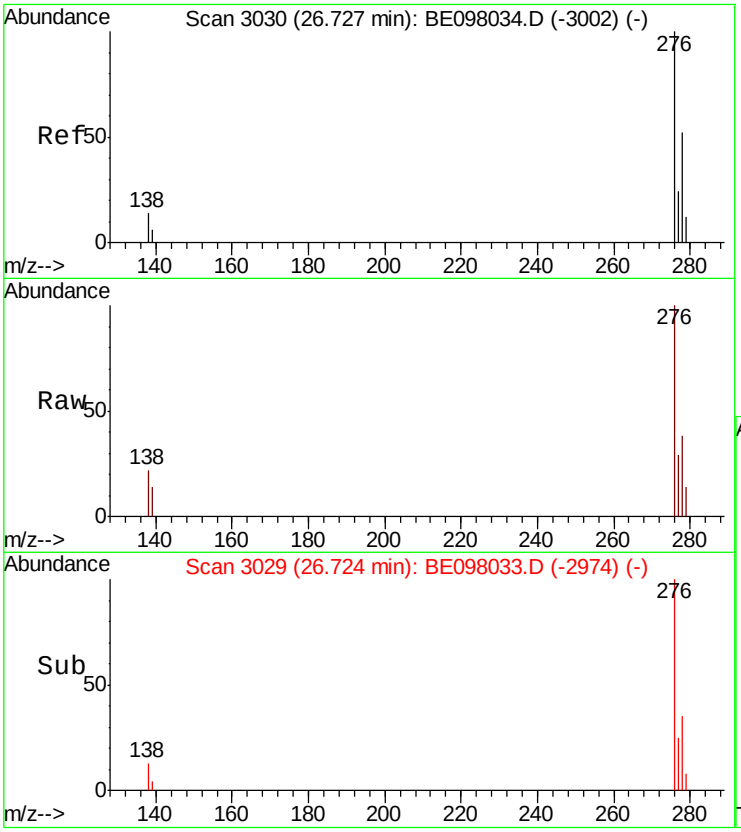


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.208 ng
RT: 21.38 min Scan# 1664
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:149 Resp: 15821

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.6	8.4
279	1.3	0.9	1.3#



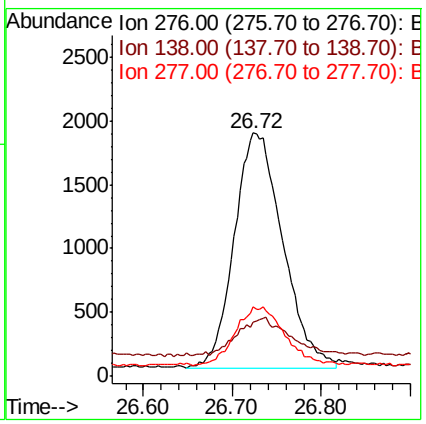


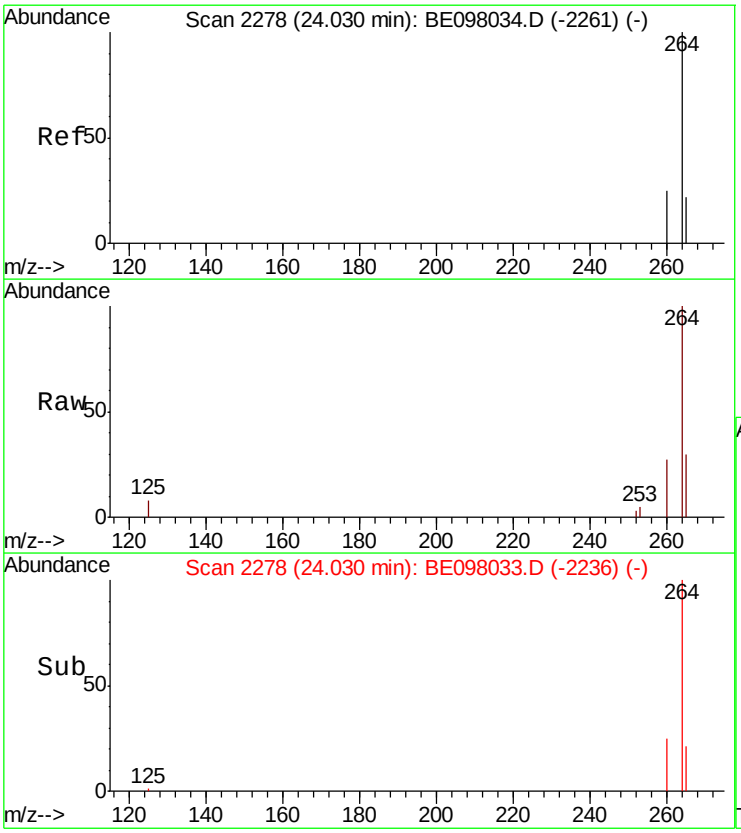
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng
RT: 26.72 min Scan# 3029
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 6959

Ion	Ratio	Lower	Upper
276	100		
138	17.2	17.0	25.6
277	25.3	20.5	30.7

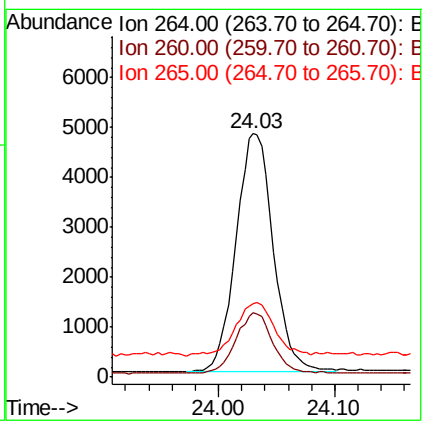


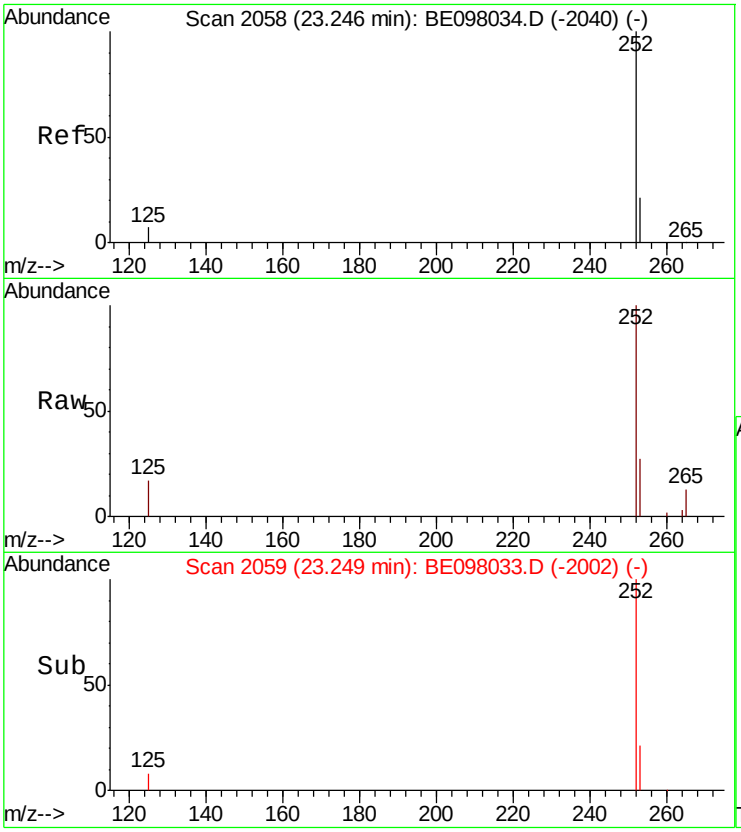


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:264 Resp: 10600

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.1	31.7
265	30.1	29.2	43.8



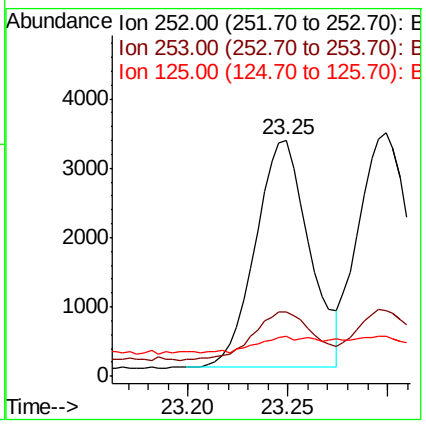


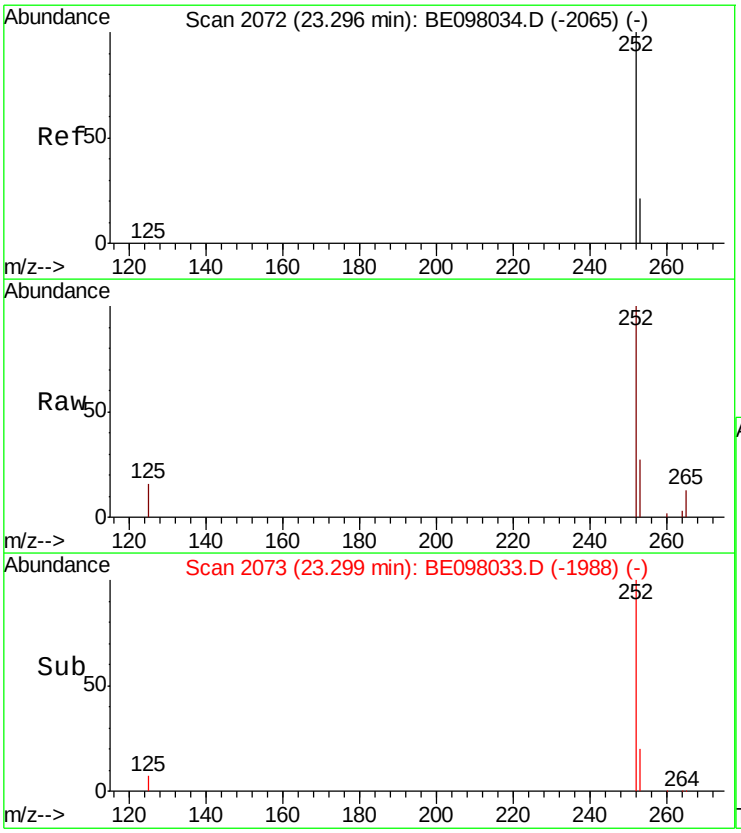
#35
Benzo(b)fluoranthene
Concen: 0.201 ng
RT: 23.25 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 6131

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.6	31.0
125	17.0	14.3	21.5

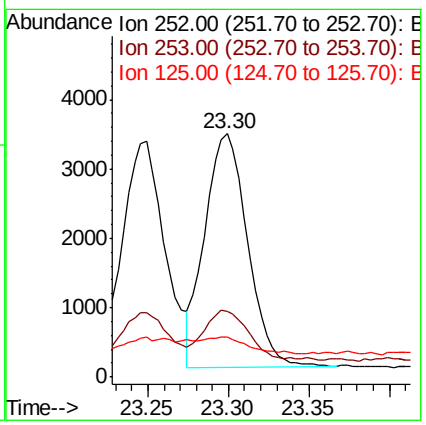


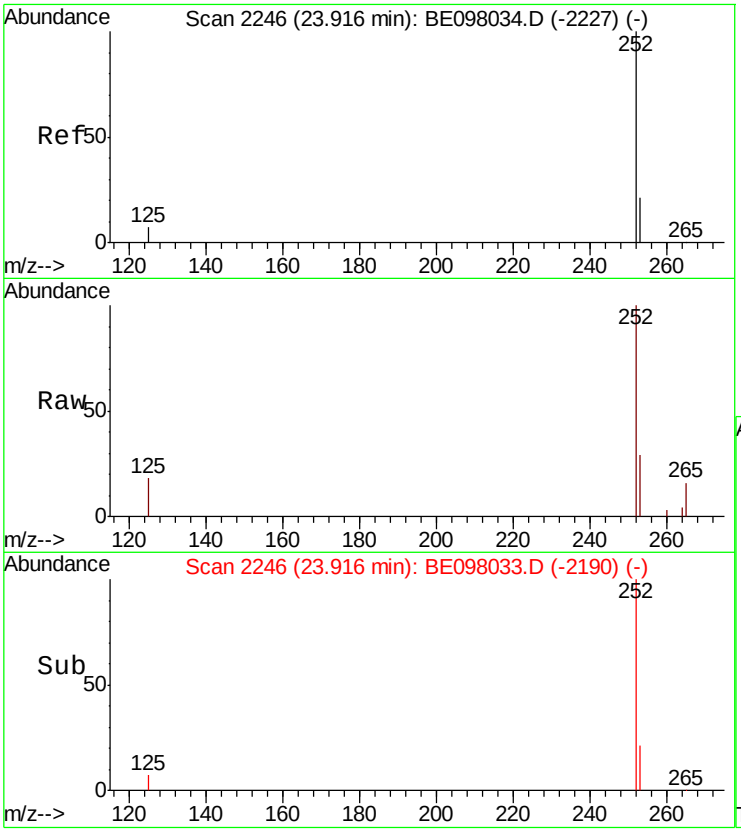


#36
Benzo(k)fluoranthene
Concen: 0.195 ng
RT: 23.30 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:252 Resp: 6210

Ion	Ratio	Lower	Upper
252	100		
253	27.0	20.4	30.6
125	16.4	14.6	21.8



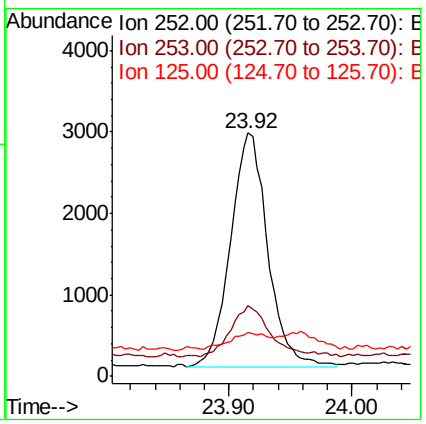


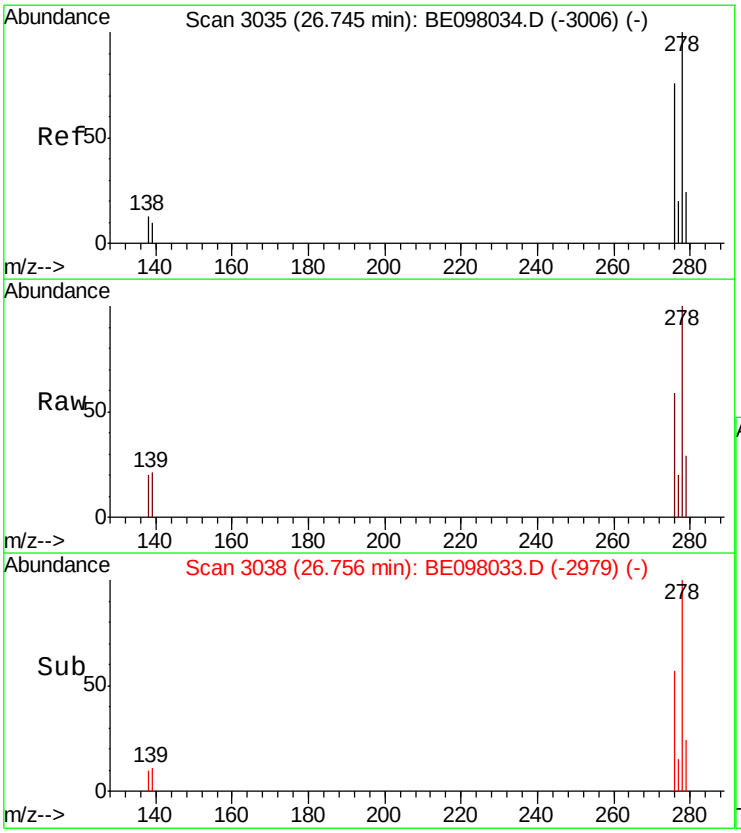
#37
Benzo(a)pyrene
Concen: 0.202 ng
RT: 23.92 min Scan# 2246
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5993

Ion	Ratio	Lower	Upper
252	100		
253	28.9	20.6	31.0
125	17.8	15.6	23.4

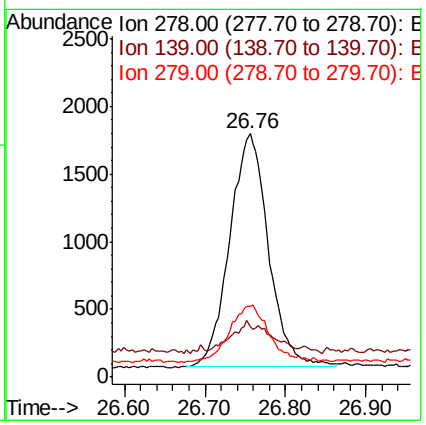


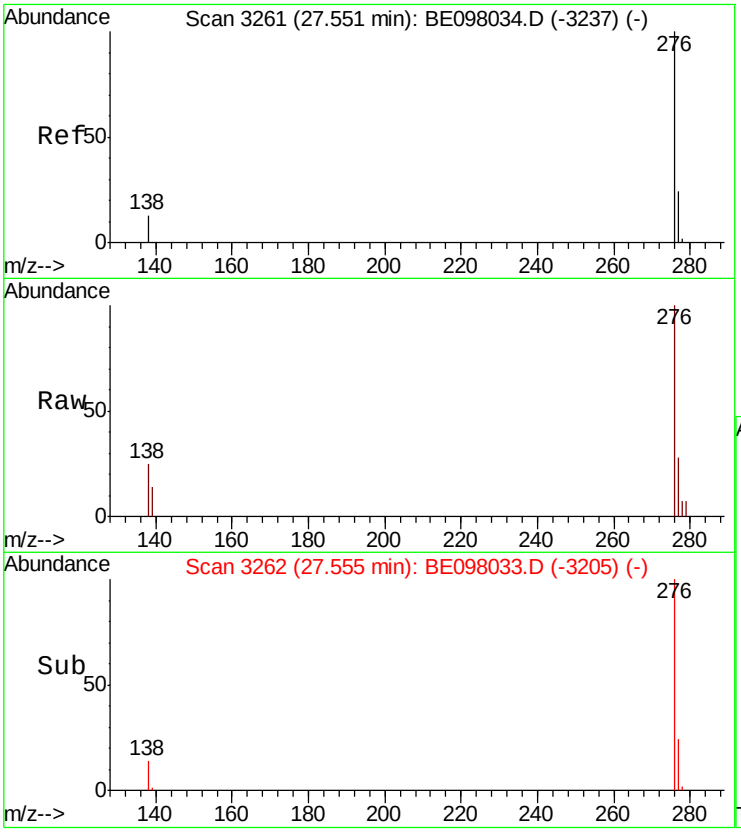


#38
Dibenzo(a,h)anthracene
Concen: 0.199 ng
RT: 26.76 min Scan# 3038
Delta R.T. 0.01 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:278 Resp: 5786

Ion	Ratio	Lower	Upper
278	100		
139	20.9	16.3	24.5
279	29.1	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.194 ng
RT: 27.55 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 5792

Ion	Ratio	Lower	Upper
276	100		
277	28.0	22.1	33.1
138	24.5	19.3	28.9