Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
Data File : BE098138.D
Acq On : 1 Nov 2018 9:53
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Nov 01 11:21:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 11:18:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	978	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	5008	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	3418	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	8044	0.40	ng		0.00
27) Chrysene-d12	21.46	240	9147	0.40	ng		0.00
34) Perylene-d12	24.02	264	9094	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	625	0.21	ng		0.00
5) Phenol-d6	7.04	99	1007	0.20	ng		0.00
8) Nitrobenzene-d5	9.03	82	1070	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	1783	0.20	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	351	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	3080	0.22	ng		0.00
25) Fluoranthene-d10	19.32	212	21079	0.20	ng		0.00
29) Terphenyl-d14	19.91	244	4626	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	312	0.207	ng		94
3) n-Nitrosodimethylamine	3.69	42	413	0.206	ng	#	73
6) bis(2-Chloroethyl)ether	7.29	93	779	0.225	ng	#	99
9) Naphthalene	10.72	128	10482	0.211	ng	#	98
10) Hexachlorobutadiene	11.00	225	689	0.204	ng		96
12) 2-Methylnaphthalene	12.34	142	1823	0.203	ng	#	89
16) Acenaphthylene	14.25	152	3190	0.206	ng		98
17) Acenaphthene	14.60	154	1948	0.208	ng		99
18) Fluorene	15.58	166	2525	0.200	ng		99
20) 4-Bromophenyl-phenylether	16.48	248	978	0.201	ng		89
21) Hexachlorobenzene	16.59	284	1052	0.208	ng		95
22) Pentachlorophenol	16.95	266	201	0.476	ng	#	82
23) Phenanthrene	17.33	178	4128	0.209	ng		99
24) Anthracene	17.42	178	3767	0.194	ng		98
26) Fluoranthene	19.34	202	5073	0.206	ng	#	96
28) Pyrene	19.71	202	5309	0.210	ng		99
30) Benzo(a)anthracene	21.45	228	5636	0.209	ng		99
31) Chrysene	21.50	228	5655	0.215	ng		97
32) Bis(2-ethylhexyl)phthalate	21.38	149	21445	0.334	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	5774	0.201	ng	#	78
35) Benzo(b)fluoranthene	23.23	252	5218	0.207	ng	#	95
36) Benzo(k)fluoranthene	23.28	252	5447	0.207	ng	#	93
37) Benzo(a)pyrene	23.90	252	5203	0.210	ng	#	92
38) Dibenzo(a,h)anthracene	26.73	278	4631	0.191	ng		96
39) Benzo(g,h,i)perylene	27.54	276	4713	0.197	ng		94

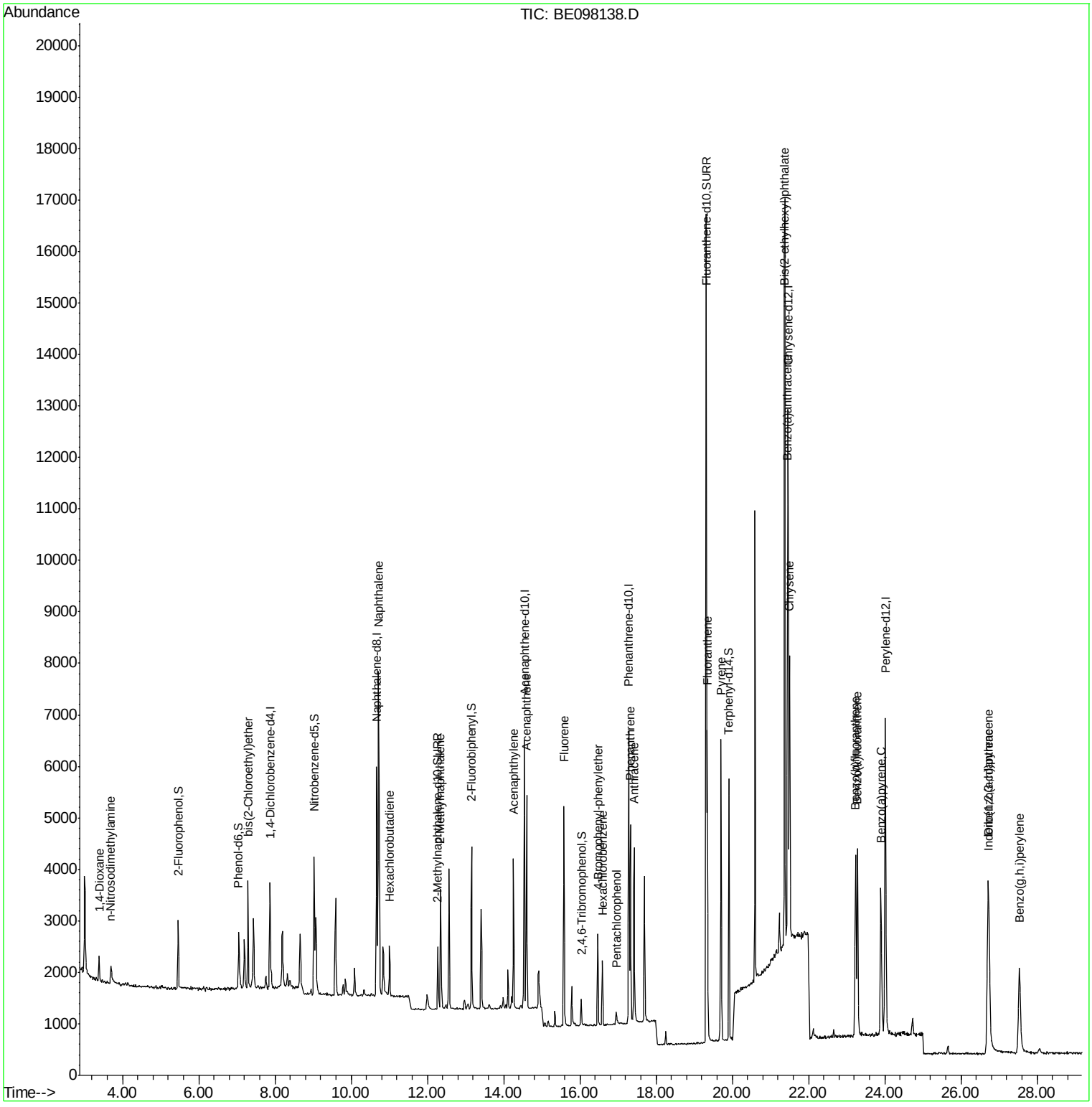
(#) = qualifier out of range (m) = manual integration (+) = signals summed

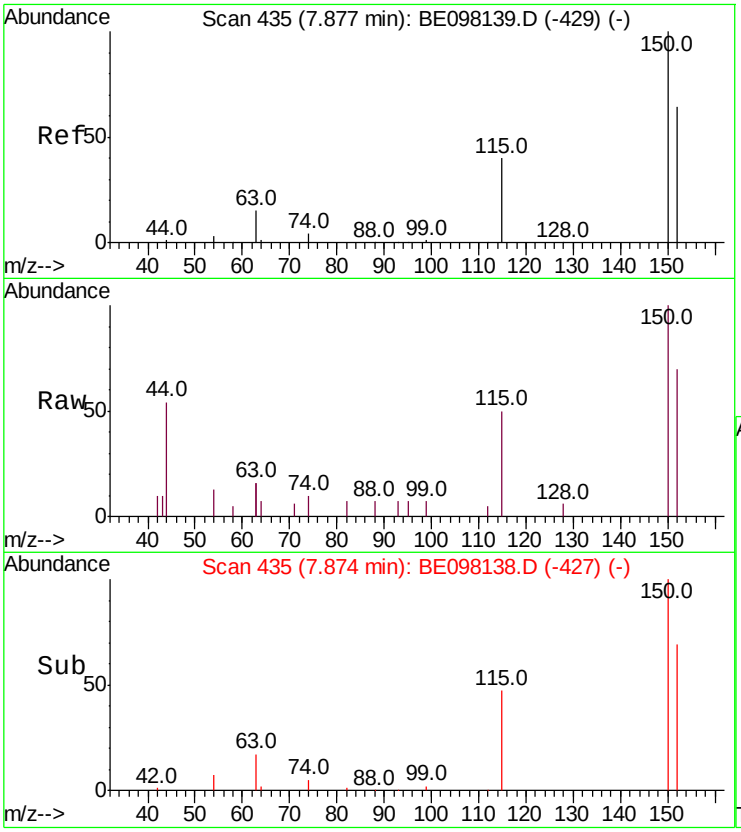
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
Data File : BE098138.D
Acq On : 1 Nov 2018 9:53
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 01 11:21:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 11:18:18 2018
Response via : Initial Calibration



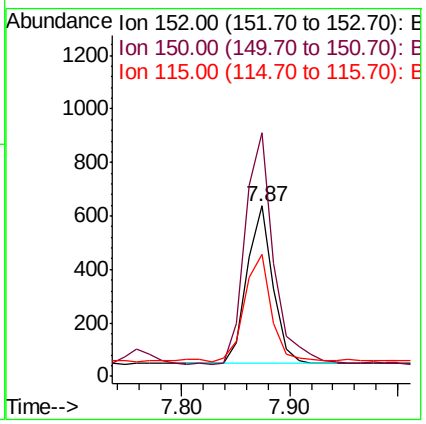


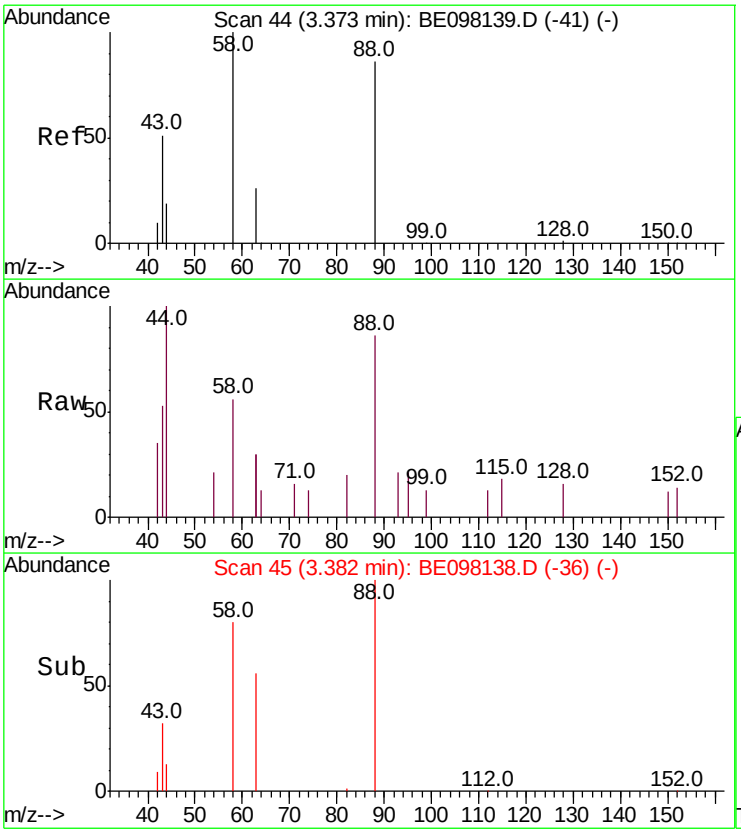
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 978

Ion	Ratio	Lower	Upper
152	100		
150	142.8	118.2	177.4
115	71.9	50.9	76.3

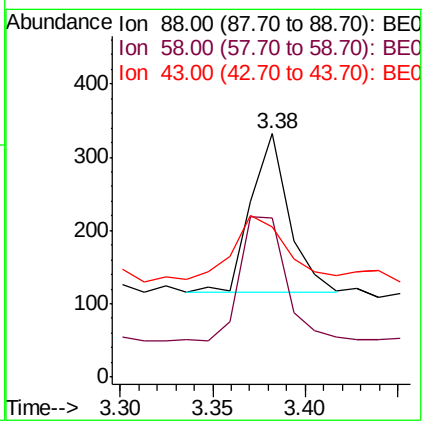


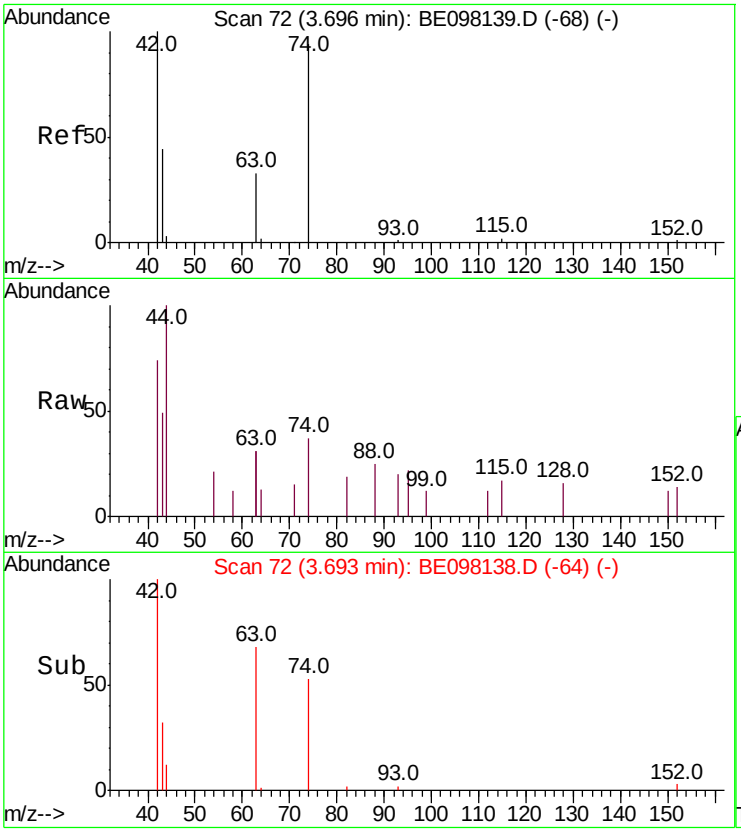


#2
1,4-Dioxane
Concen: 0.207 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion: 88 Resp: 312

Ion	Ratio	Lower	Upper
88	100		
58	94.6	73.2	109.8
43	53.2	36.9	55.3



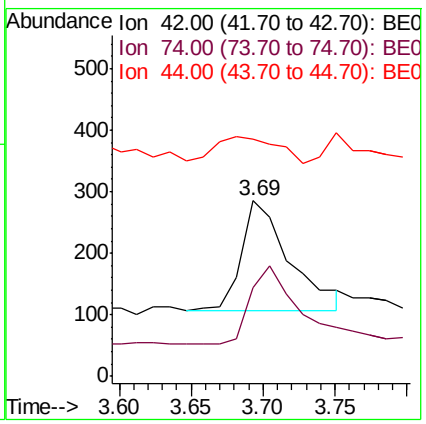


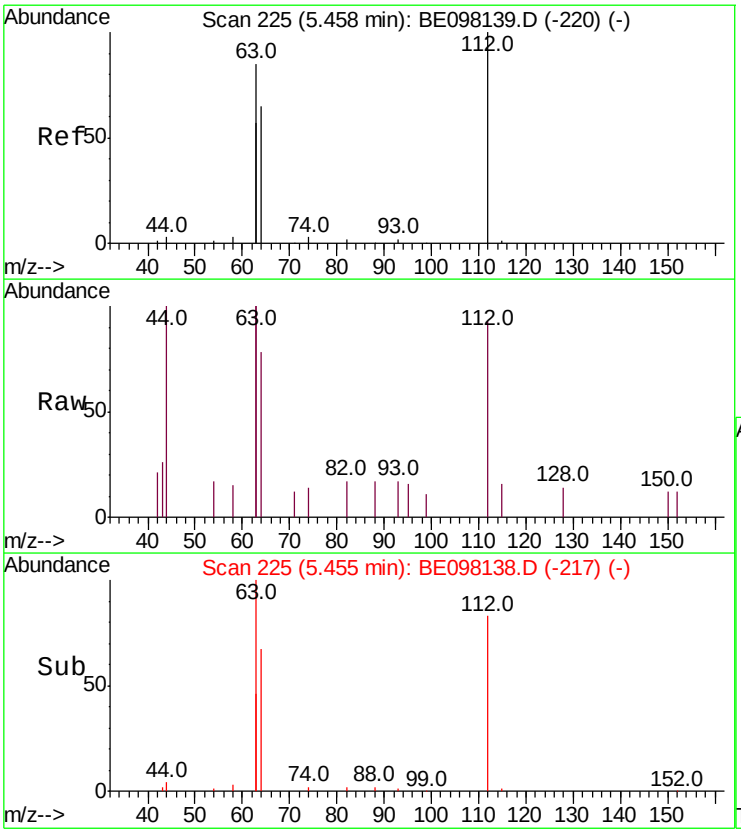
#3
n-Nitrosodimethylamine
Concen: 0.206 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 413

Ion	Ratio	Lower	Upper
42	100		
74	70.2	77.6	116.4#
44	0.0	7.6	11.4#

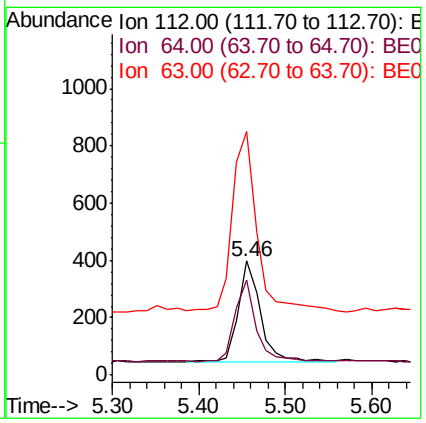


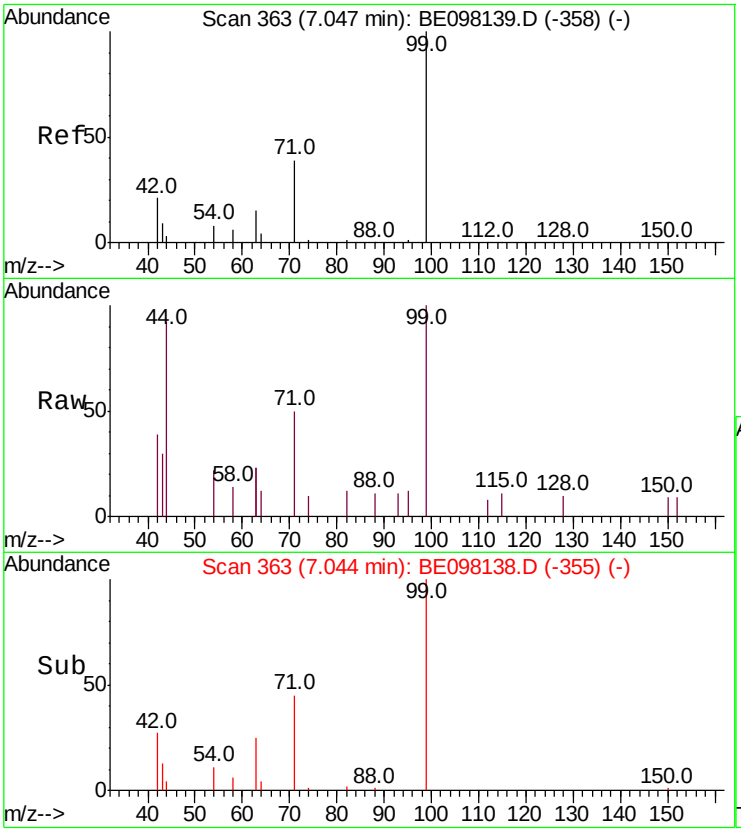


#4
2-Fluorophenol
Concen: 0.211 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:112 Resp: 625

Ion	Ratio	Lower	Upper
112	100		
64	79.7	58.9	88.3
63	199.5	120.3	180.5#



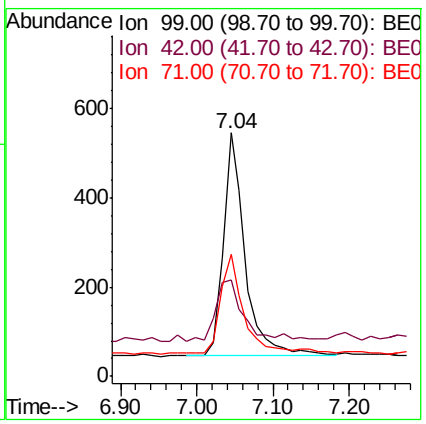


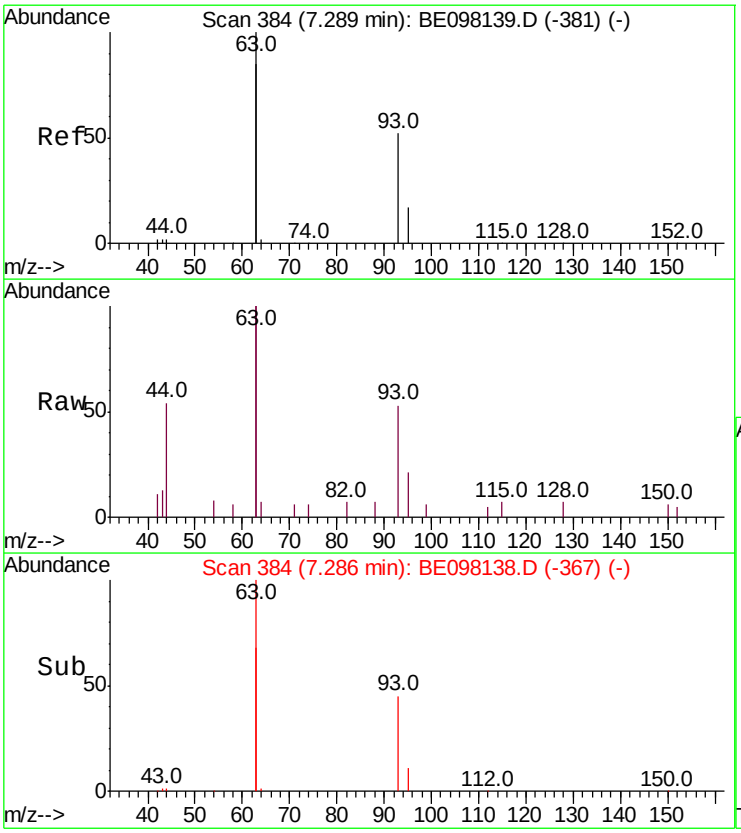
#5
Phenol-d6
Concen: 0.204 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1007

Ion	Ratio	Lower	Upper
99	100		
42	33.5	19.9	29.9#
71	45.4	27.8	41.8#

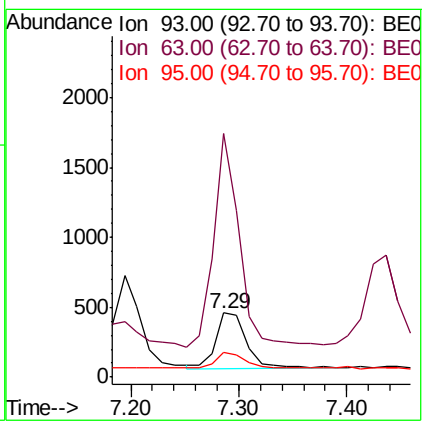


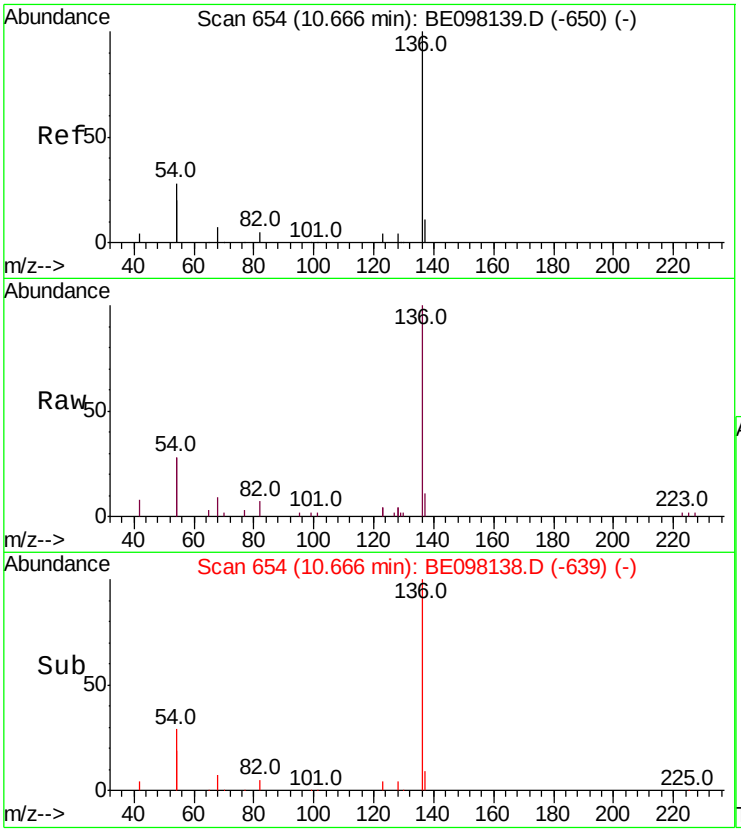


#6
bis(2-Chloroethyl)ether
Concen: 0.225 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion: 93 Resp: 779

Ion	Ratio	Lower	Upper
93	100		
63	324.1	259.0	388.4
95	27.7	27.8	41.8#



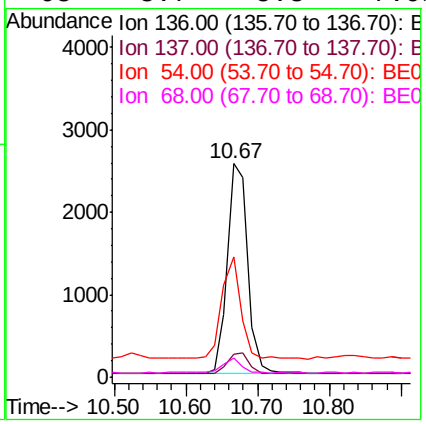


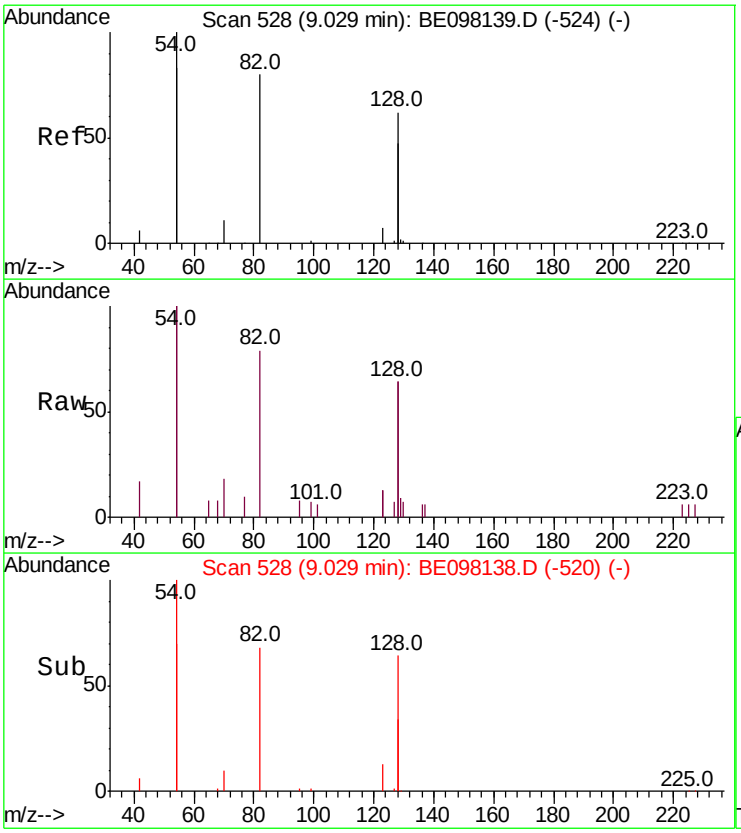
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 5008

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	56.5	27.7	41.5#
68	8.7	5.3	7.9#

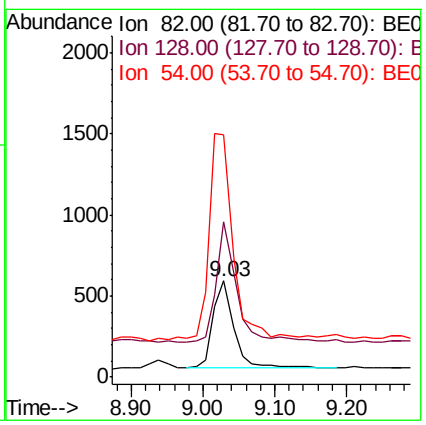


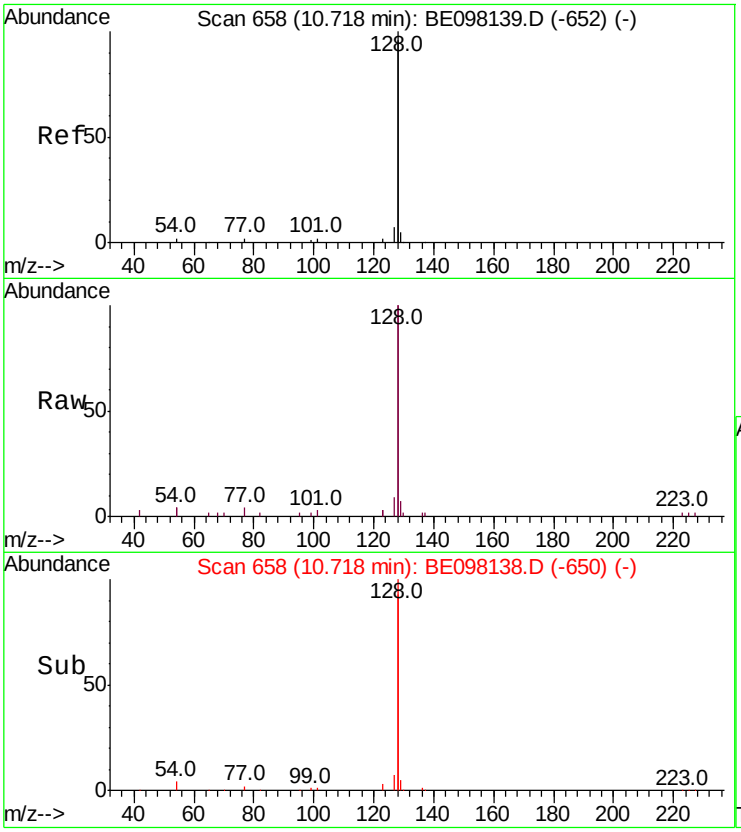


#8
Nitrobenzene-d5
Concen: 0.201 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion: 82 Resp: 1070

Ion	Ratio	Lower	Upper
82	100		
128	161.9	129.9	194.9
54	252.3	174.0	261.0



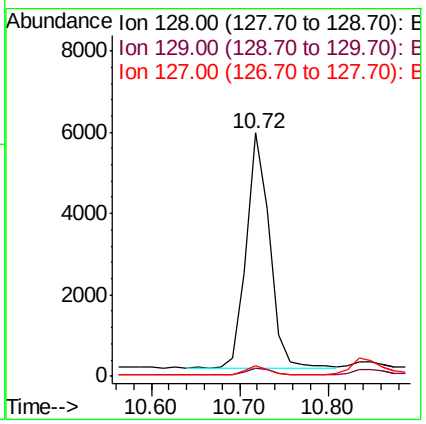


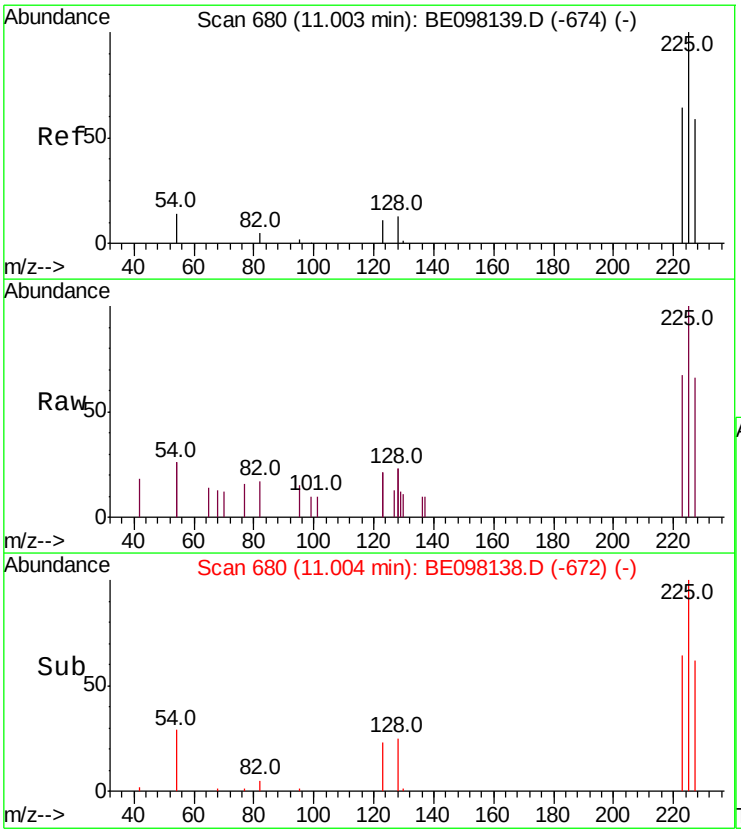
#9
Naphthalene
Concen: 0.211 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 10482

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.5	3.7
127	4.3	2.8	4.2#

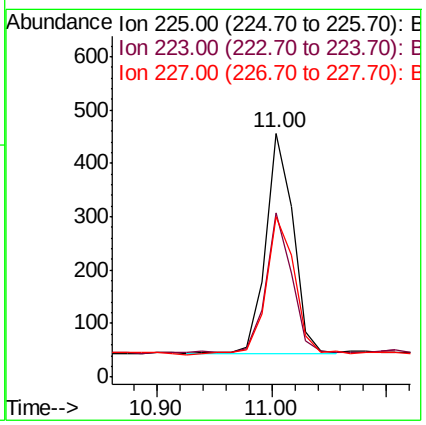


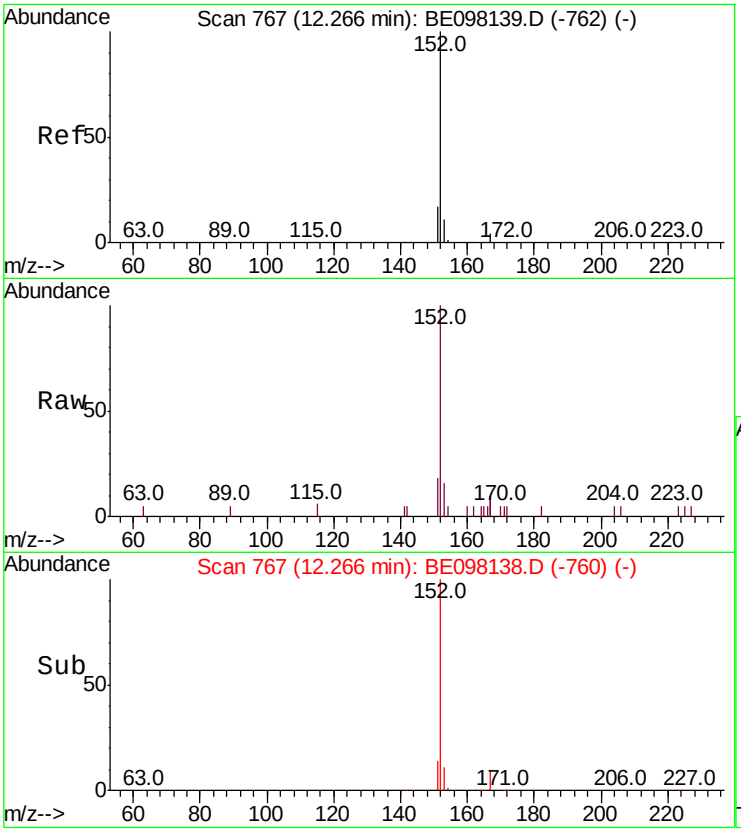


#10
Hexachlorobutadiene
Concen: 0.204 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:225 Resp: 689

Ion	Ratio	Lower	Upper
225	100		
223	59.5	51.8	77.8
227	65.2	53.0	79.6



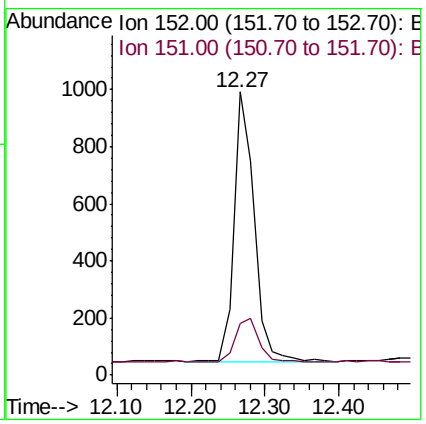


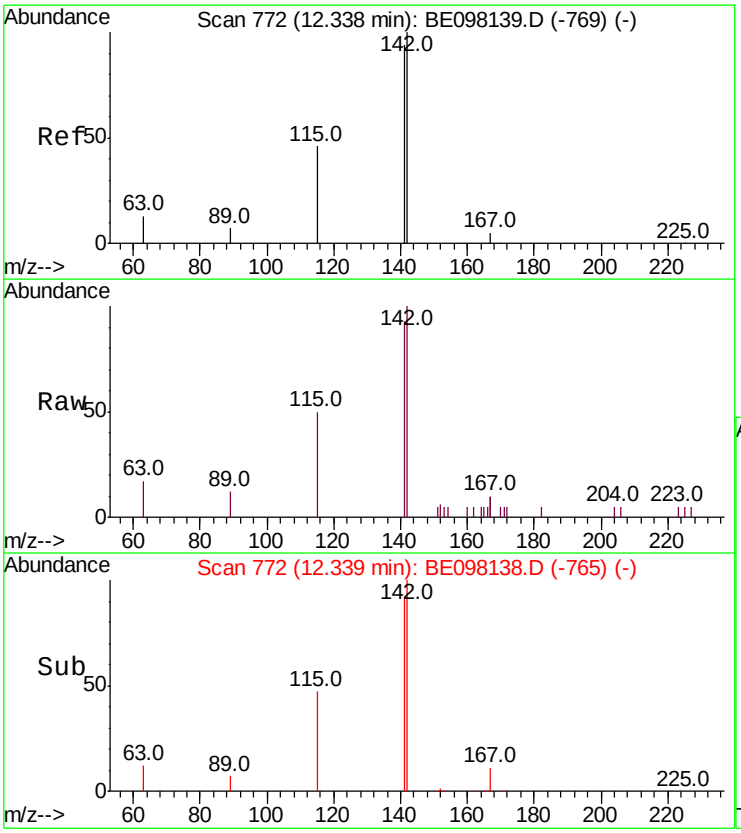
#11
2-Methylnaphthalene-d10
Concen: 0.201 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1783

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

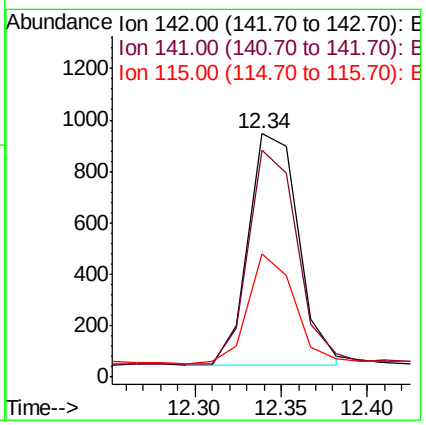


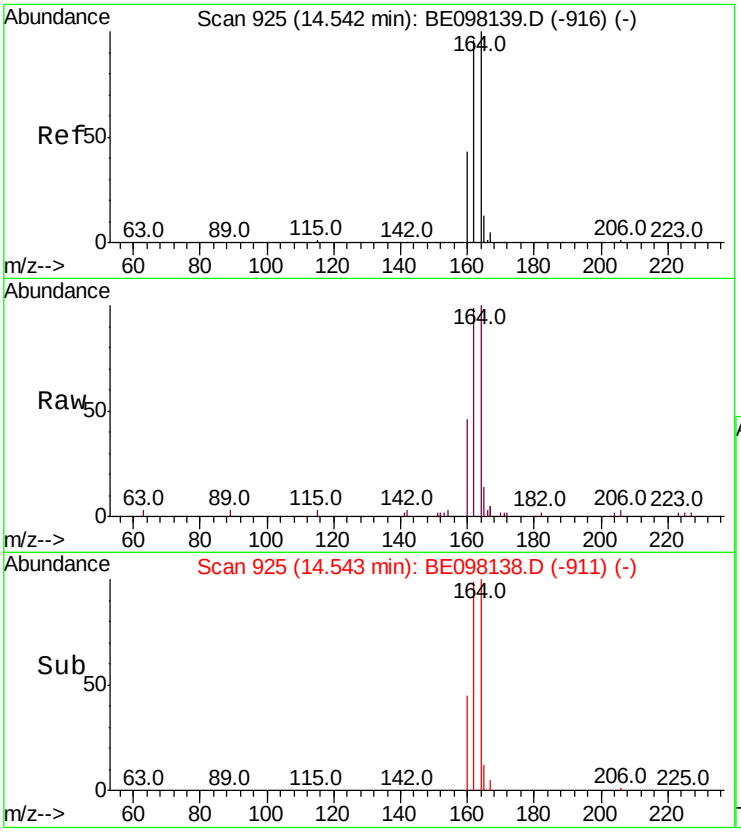


#12
2-Methylnaphthalene
Concen: 0.203 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:142 Resp: 1823

Ion	Ratio	Lower	Upper
142	100		
141	93.0	69.8	104.6
115	50.5	30.5	45.7#



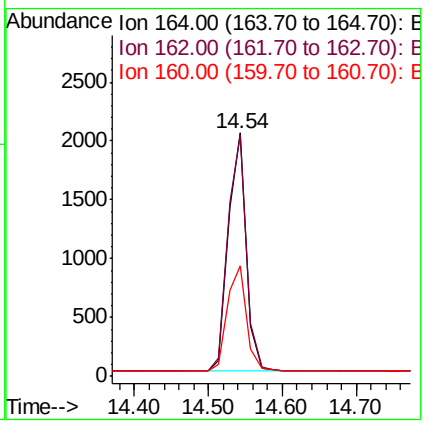


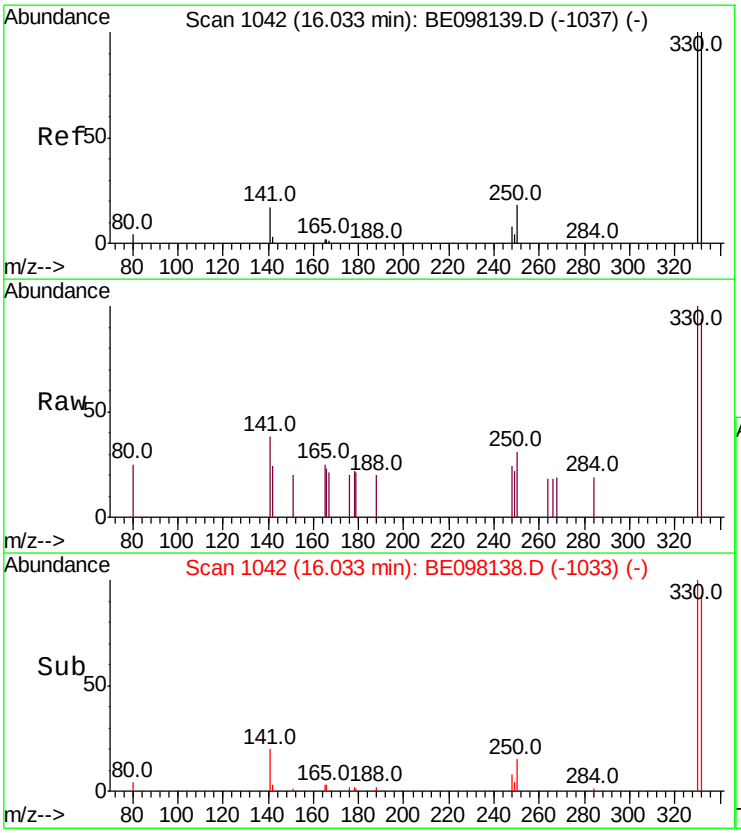
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 3418

Ion	Ratio	Lower	Upper
164	100		
162	99.0	77.4	116.2
160	45.6	36.5	54.7

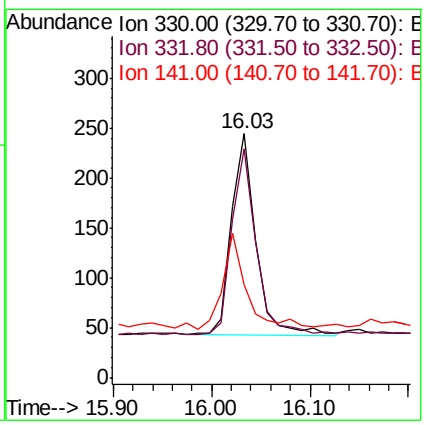


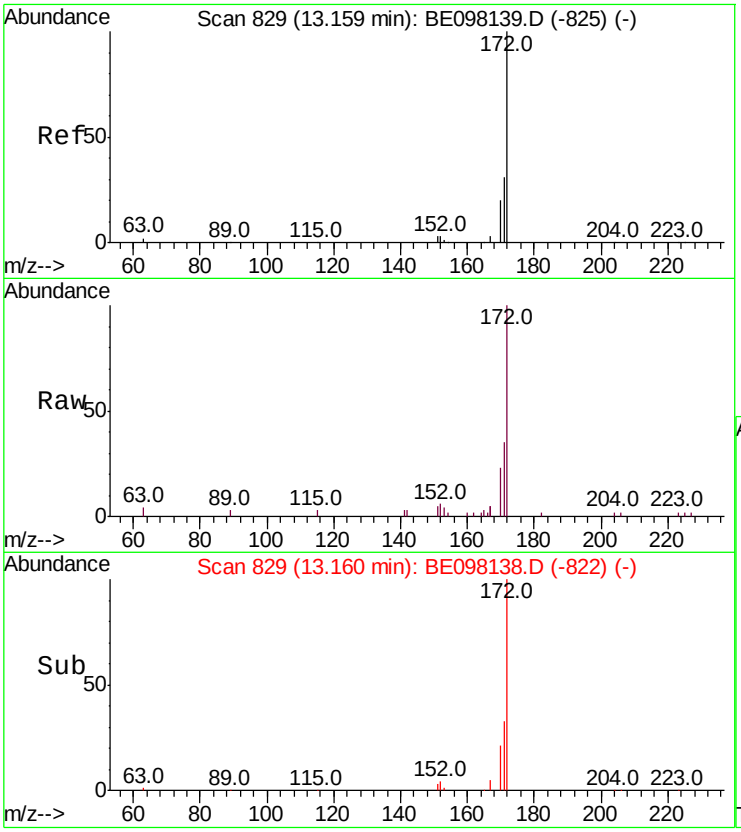


#14
2,4,6-Tribromophenol
Concen: 0.204 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:330 Resp: 351

Ion	Ratio	Lower	Upper
330	100		
332	91.2	76.5	114.7
141	45.3	31.8	47.6



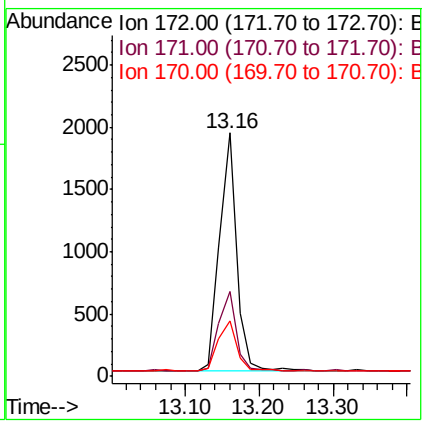


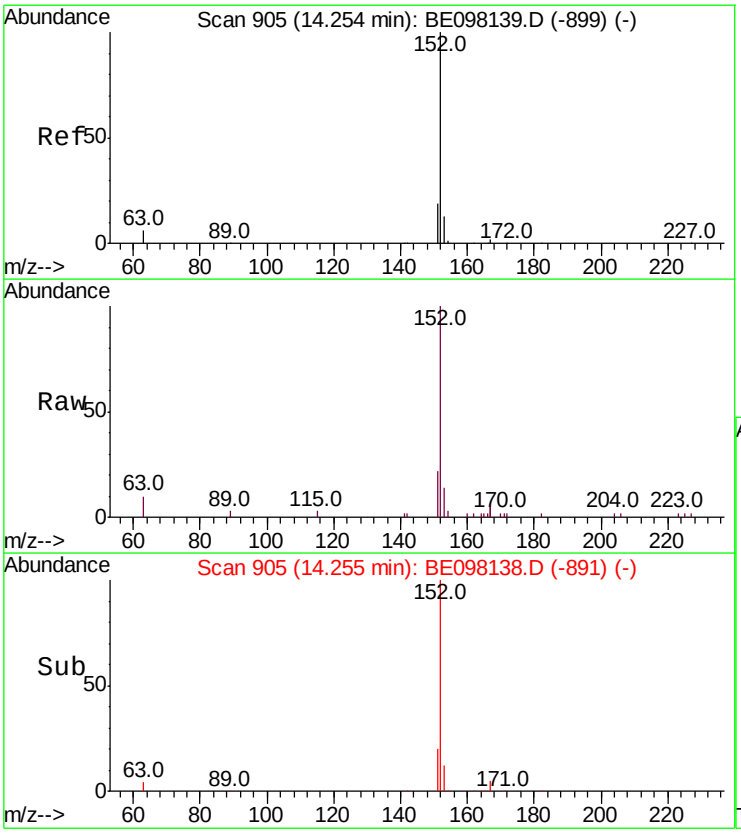
#15
2-Fluorobiphenyl
Concen: 0.223 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 3080

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.0	39.0
170	22.8	18.0	27.0

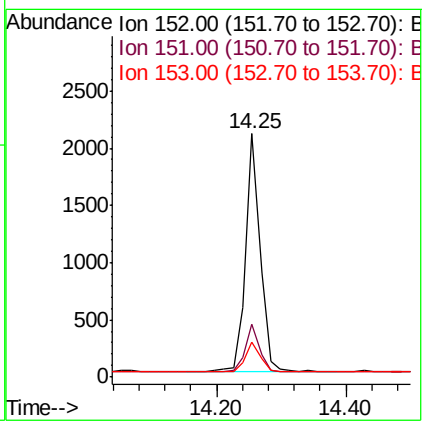


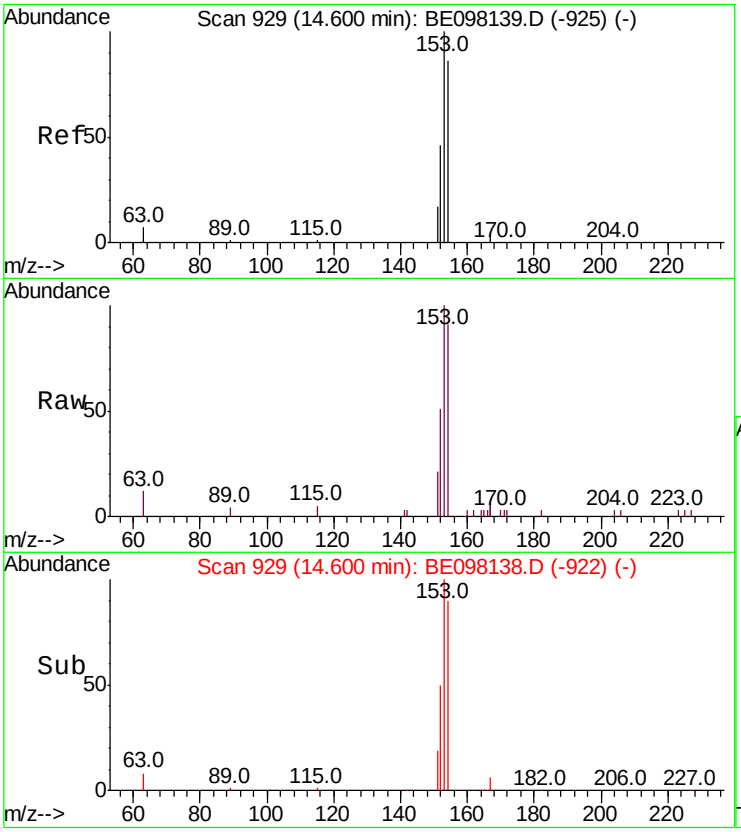


#16
Acenaphthylene
Concen: 0.206 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:152 Resp: 3190

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1
153	12.9	10.9	16.3



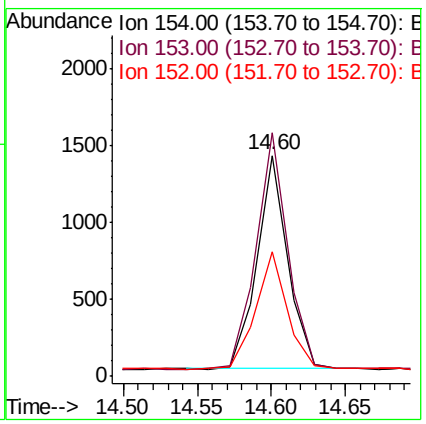


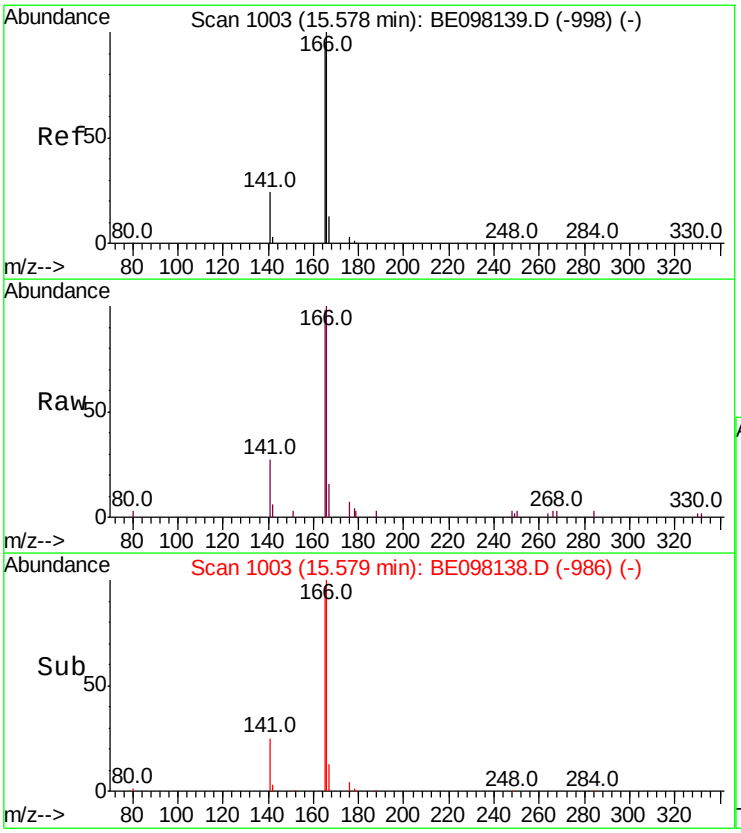
#17
Acenaphthene
Concen: 0.208 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1948

Ion	Ratio	Lower	Upper
154	100		
153	116.4	92.6	139.0
152	58.0	45.5	68.3

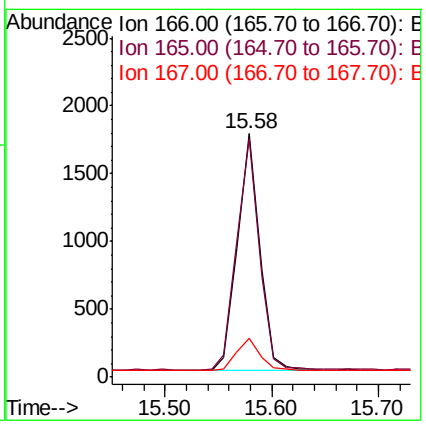


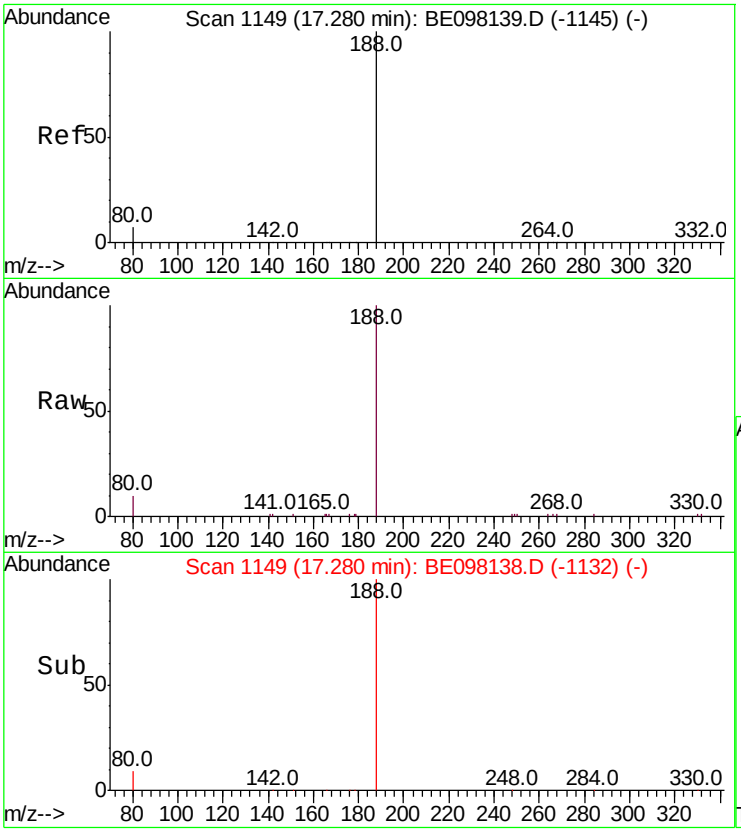


#18
Fluorene
Concen: 0.200 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:166 Resp: 2525

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.2	117.4
167	15.2	11.0	16.6



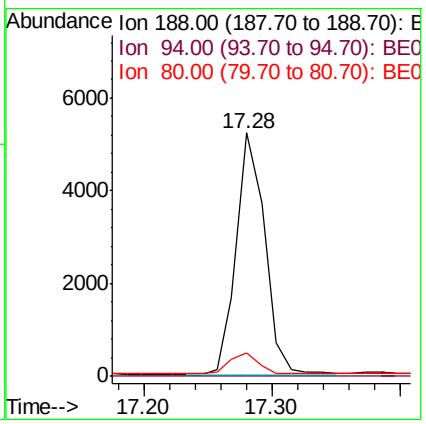


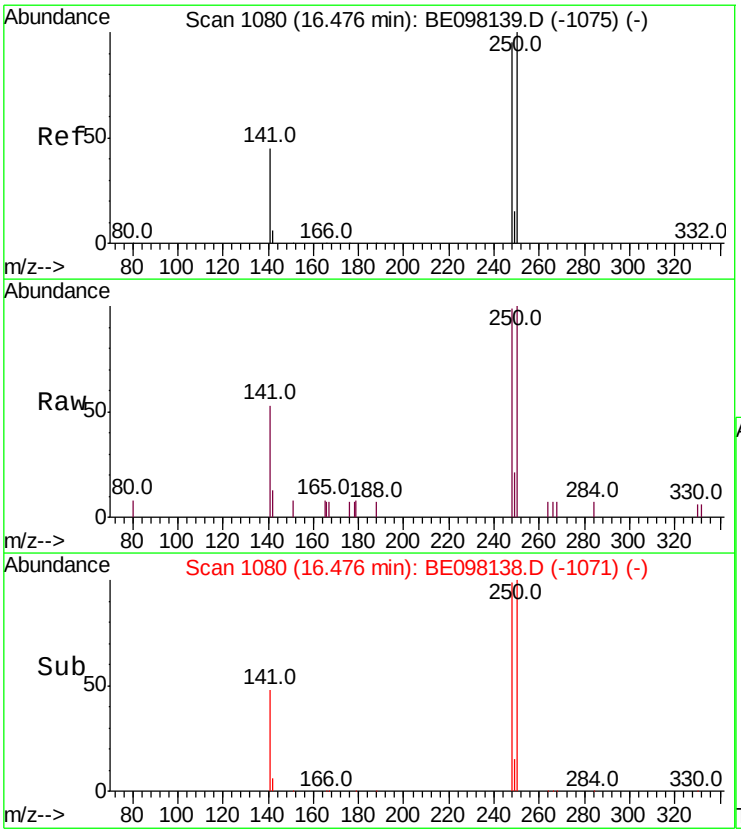
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 8044

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	6.3	9.5#

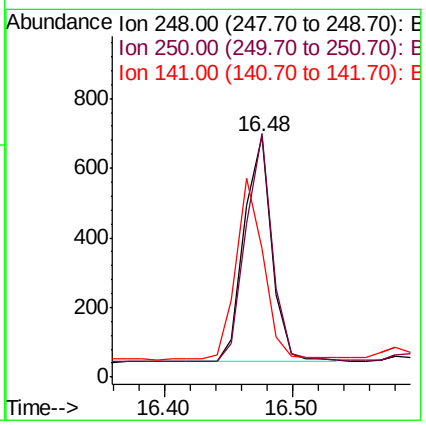


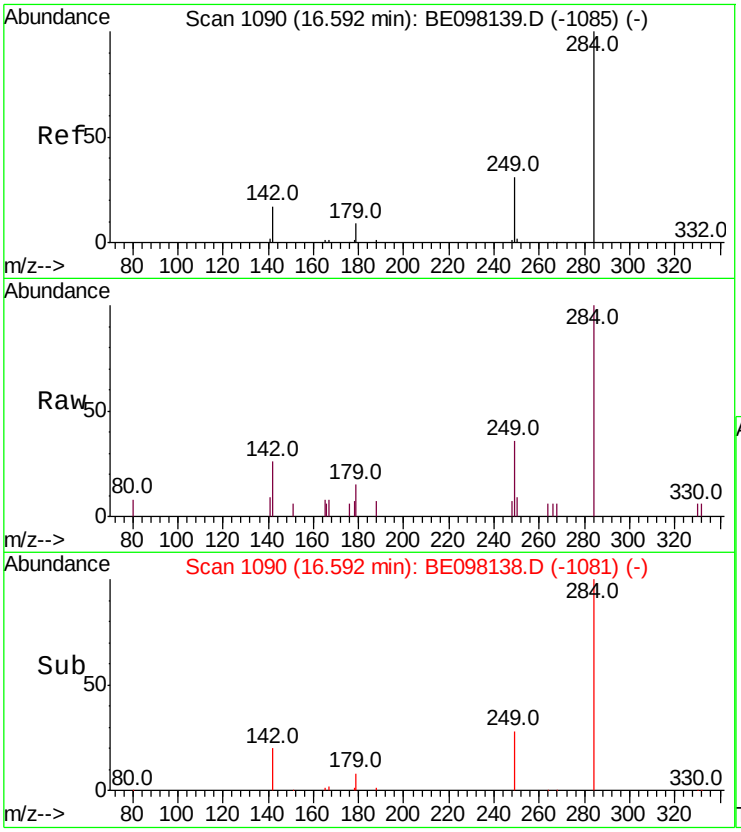


#20
4-Bromophenyl-phenylether
Concen: 0.201 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:248 Resp: 978

Ion	Ratio	Lower	Upper
248	100		
250	101.2	75.1	112.7
141	53.1	51.8	77.8



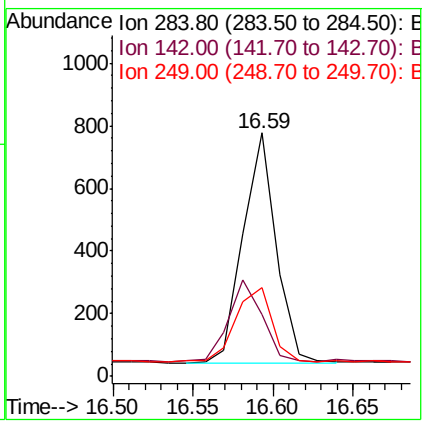


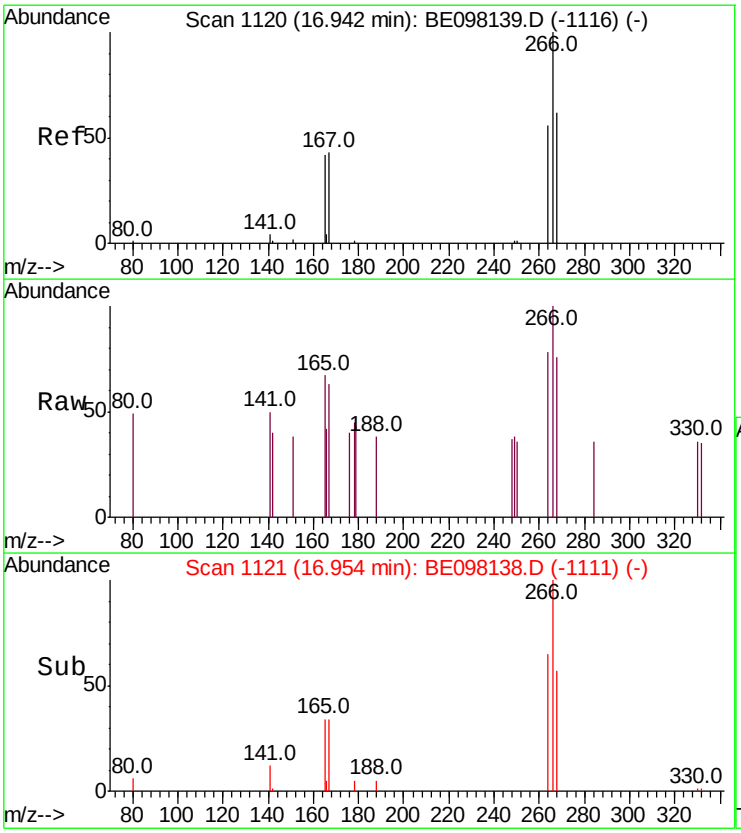
#21
Hexachlorobenzene
Concen: 0.208 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1052

Ion	Ratio	Lower	Upper
284	100		
142	35.8	25.9	38.9
249	35.2	26.6	40.0

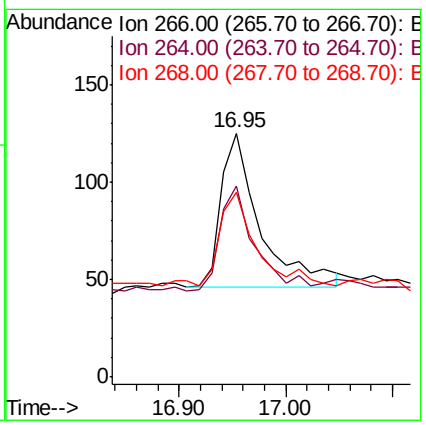


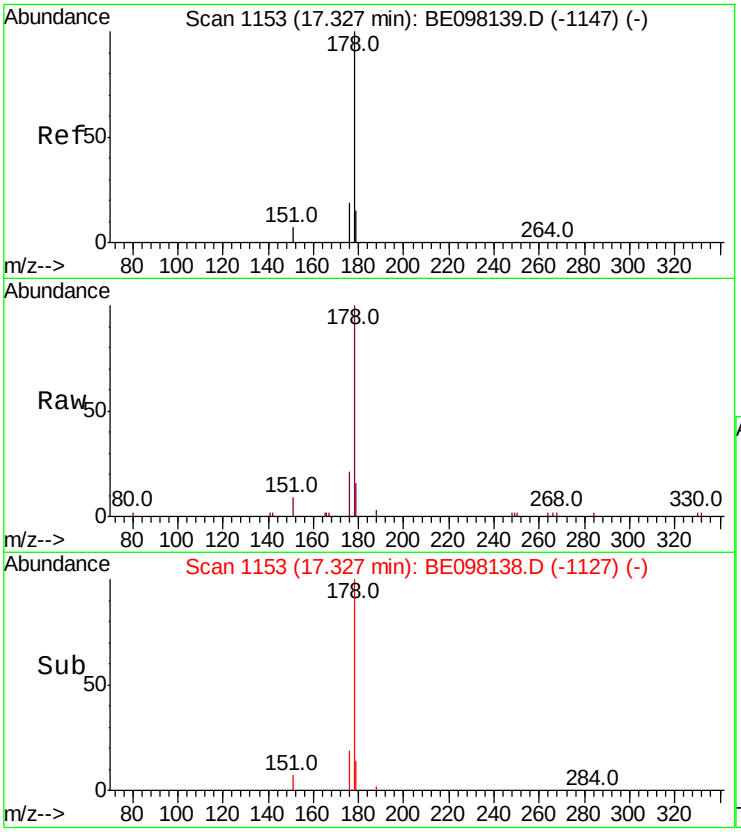


#22
Pentachlorophenol
Concen: 0.476 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:266 Resp: 201

Ion	Ratio	Lower	Upper
266	100		
264	78.4	51.3	76.9#
268	76.0	50.1	75.1#



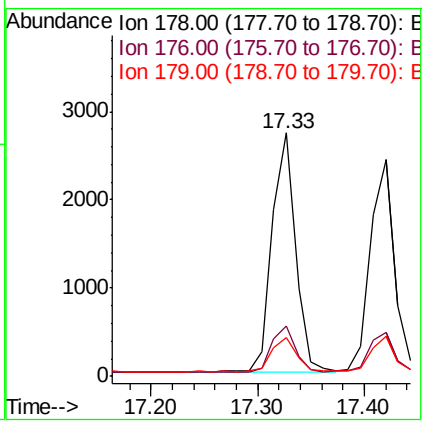


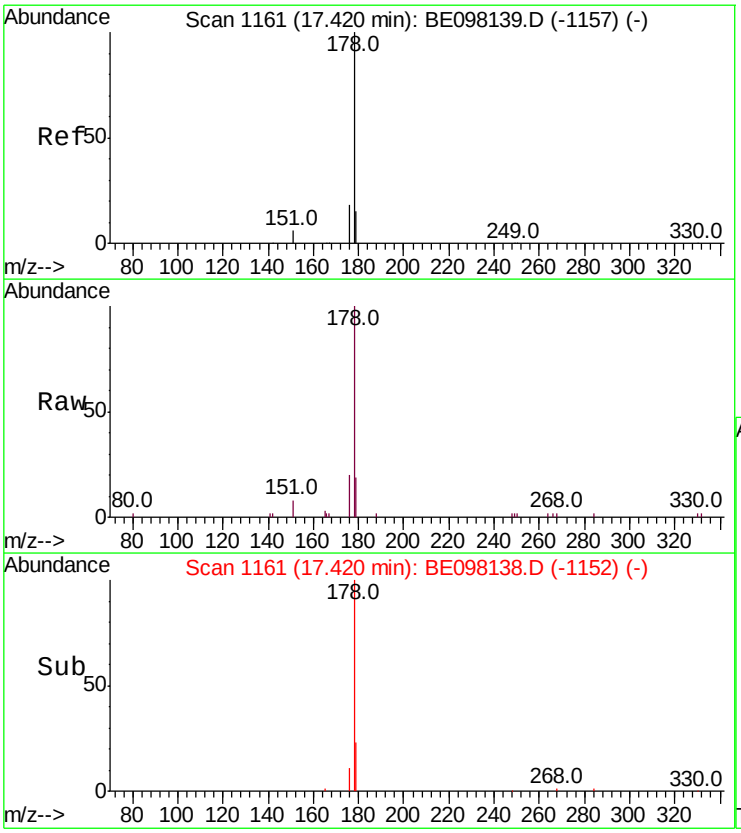
#23
Phenanthrene
Concen: 0.209 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 4128

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.1	12.2	18.4

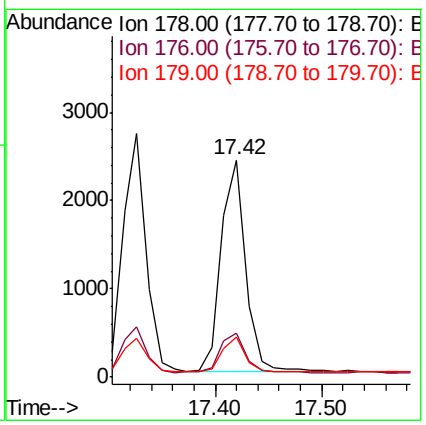


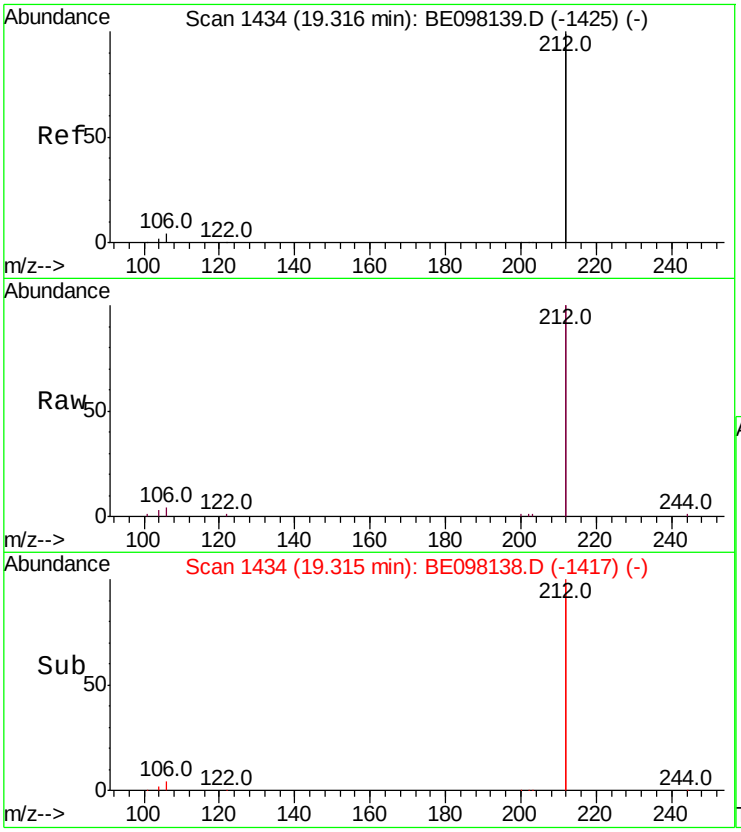


#24
Anthracene
Concen: 0.194 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:178 Resp: 3767

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	16.1	11.9	17.9



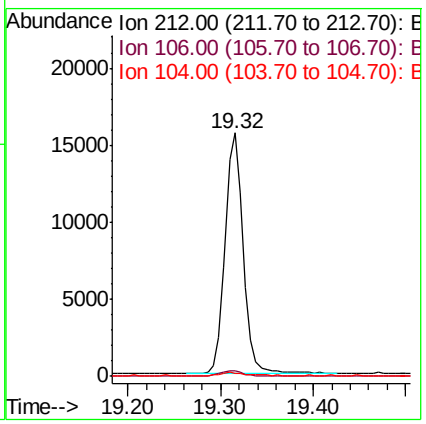


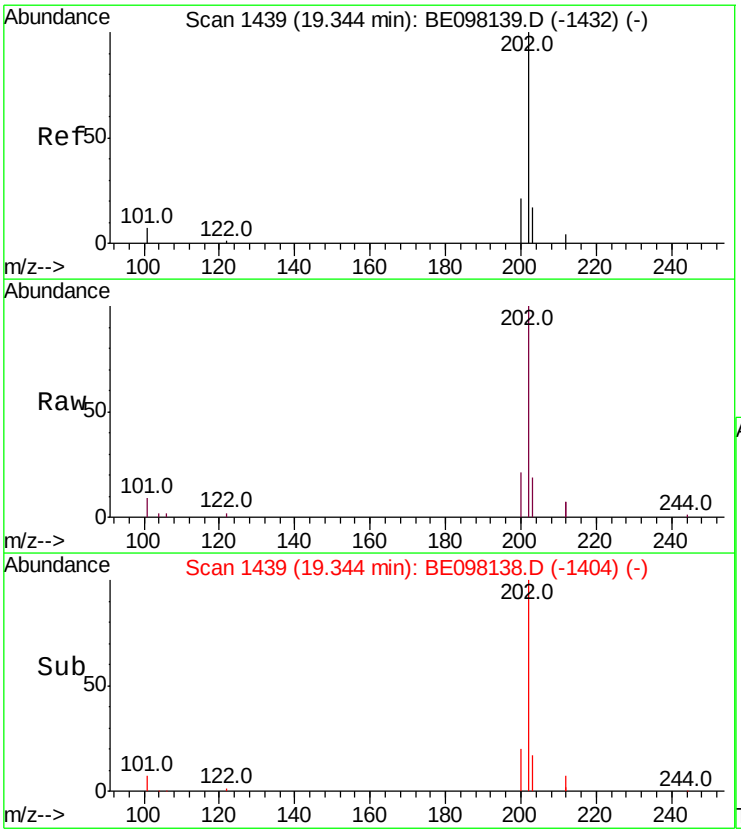
#25
Fluoranthene-d10
Concen: 0.204 ng
RT: 19.32 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 21079

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

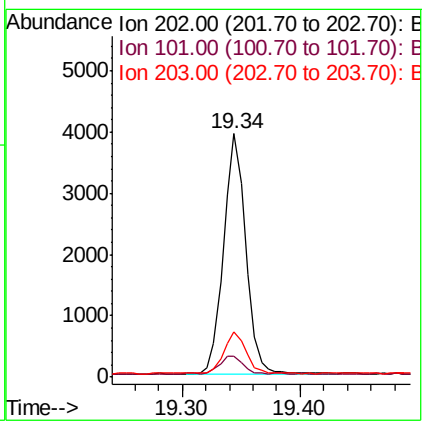


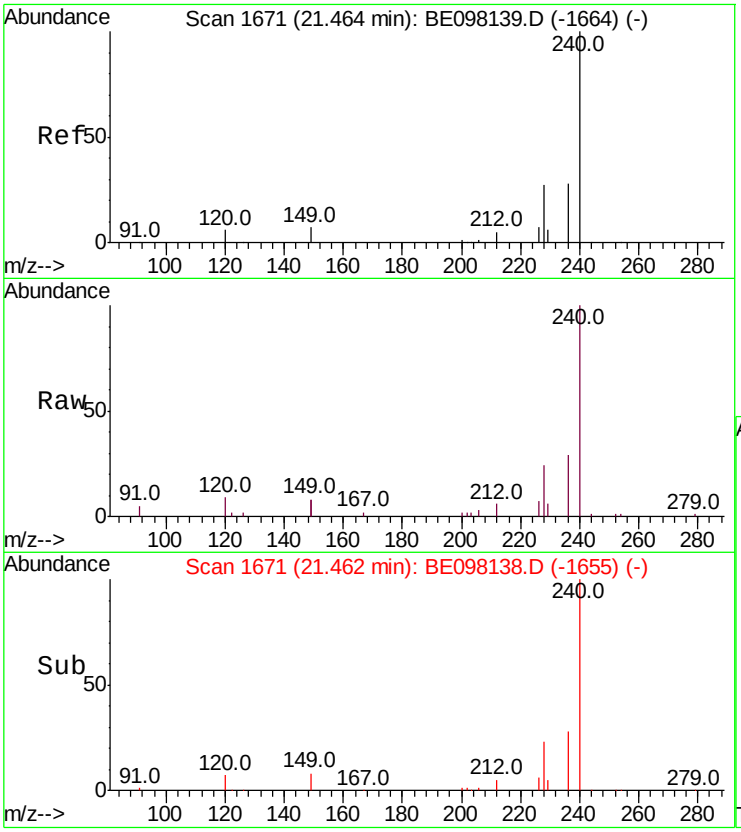


#26
Fluoranthene
Concen: 0.206 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:202 Resp: 5073

Ion	Ratio	Lower	Upper
202	100		
101	8.0	8.2	12.2#
203	17.3	15.0	22.4



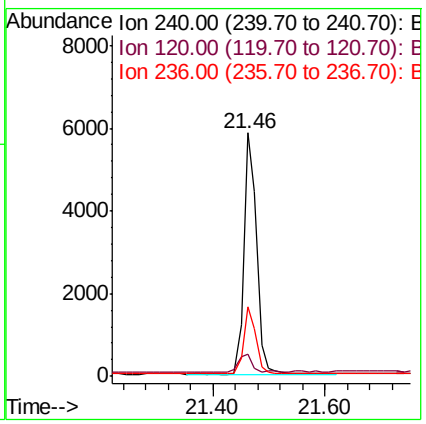


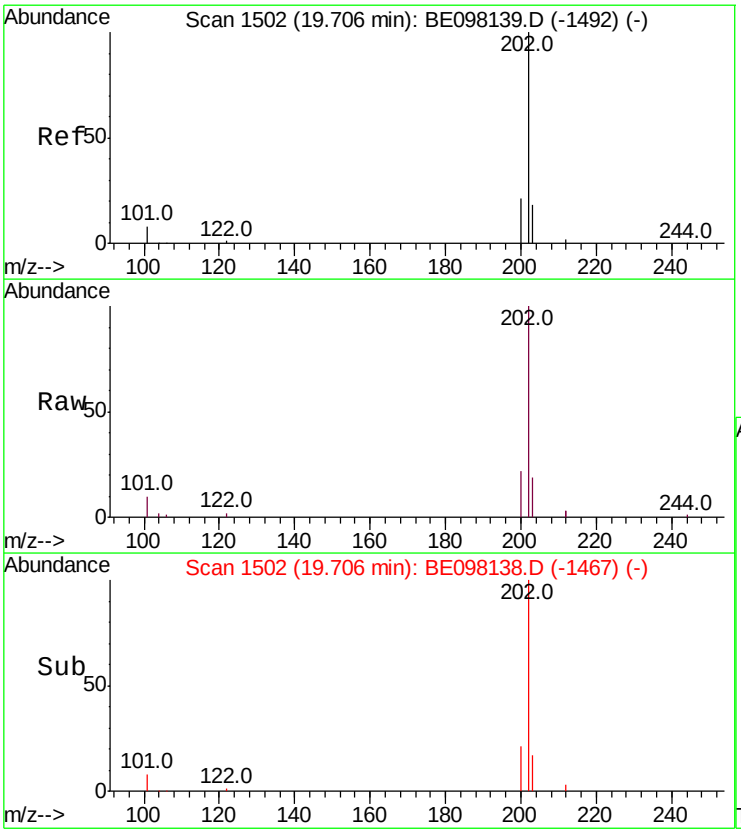
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 9147

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.1	10.7
236	28.7	21.3	31.9

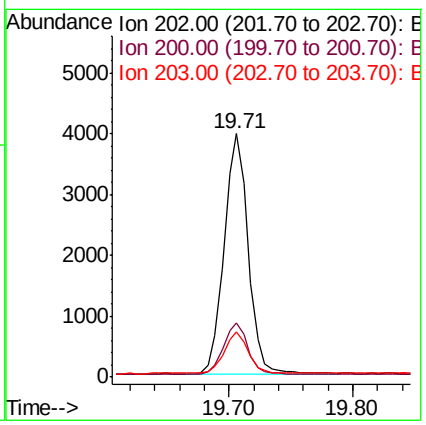


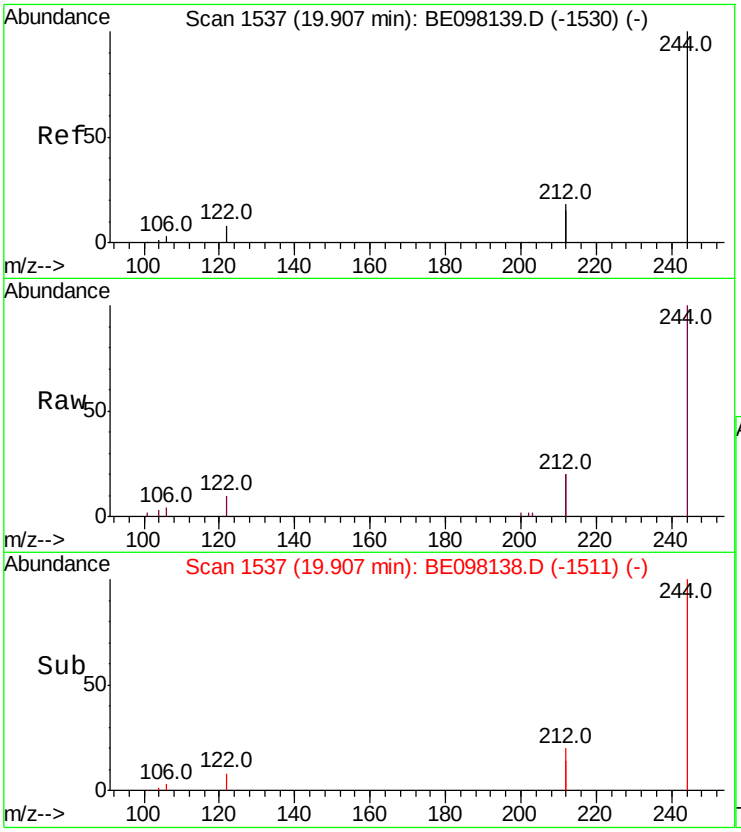


#28
Pyrene
Concen: 0.210 ng
RT: 19.71 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:202 Resp: 5309

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.3	14.2	21.4



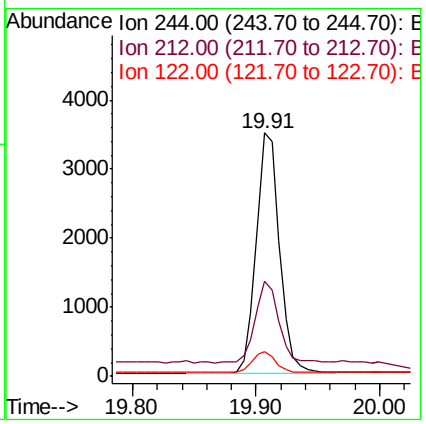


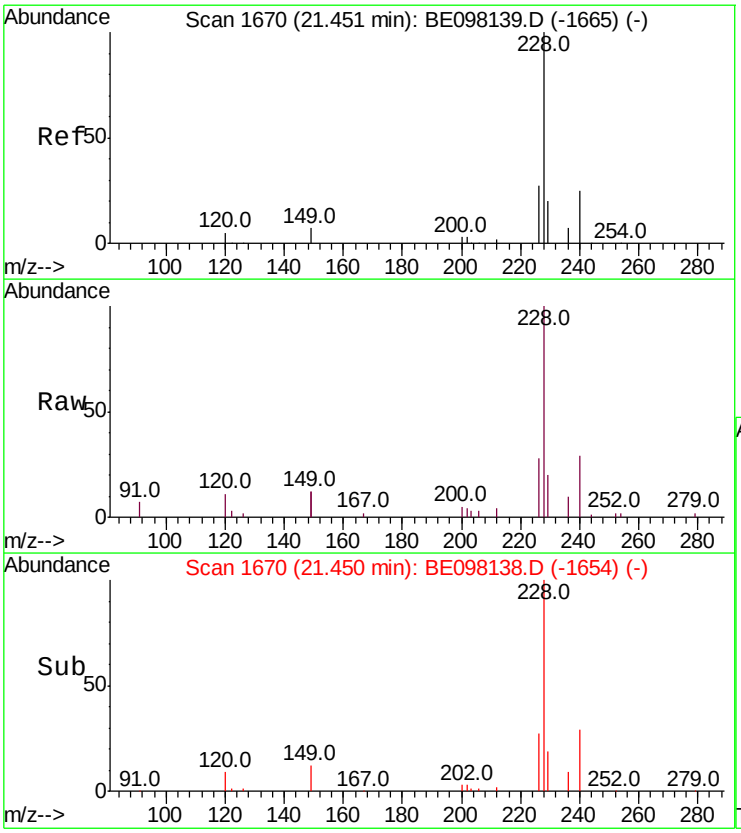
#29
Terphenyl-d14
Concen: 0.215 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 4626

Ion	Ratio	Lower	Upper
244	100		
212	39.2	26.2	39.2
122	10.0	7.7	11.5

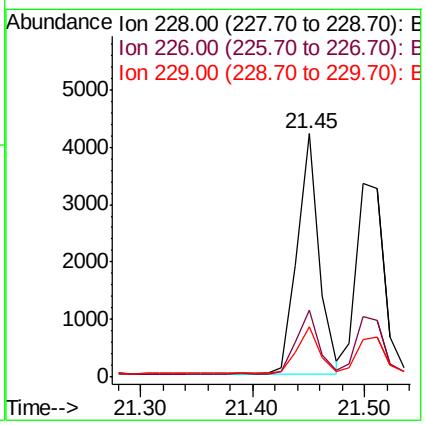


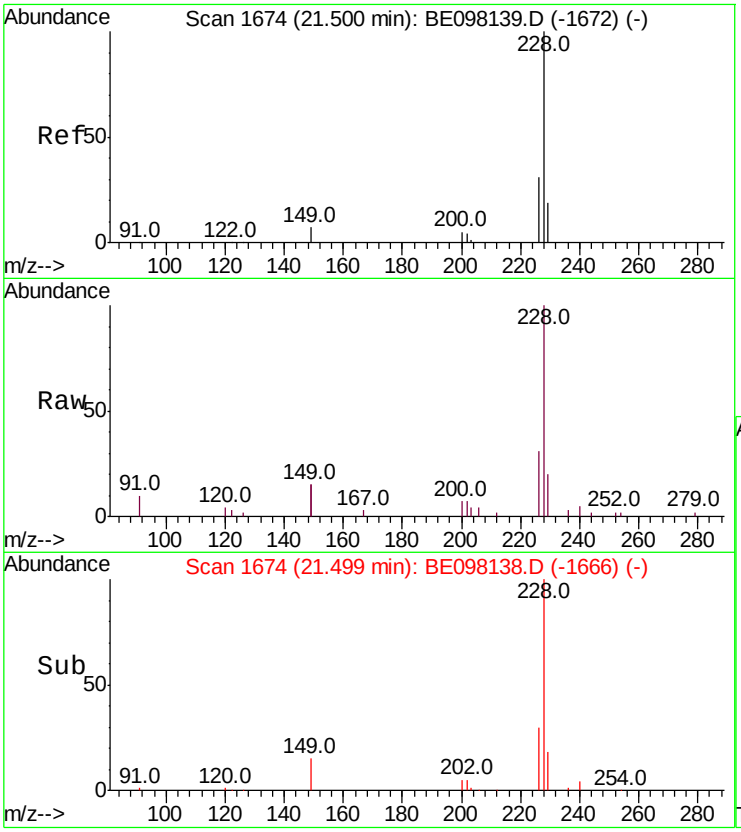


#30
Benzo(a)anthracene
Concen: 0.209 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:228 Resp: 5636

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.4	16.9	25.3



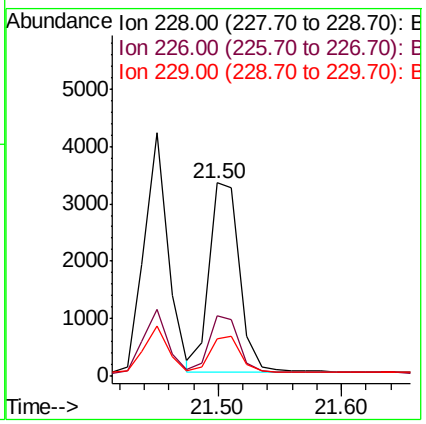


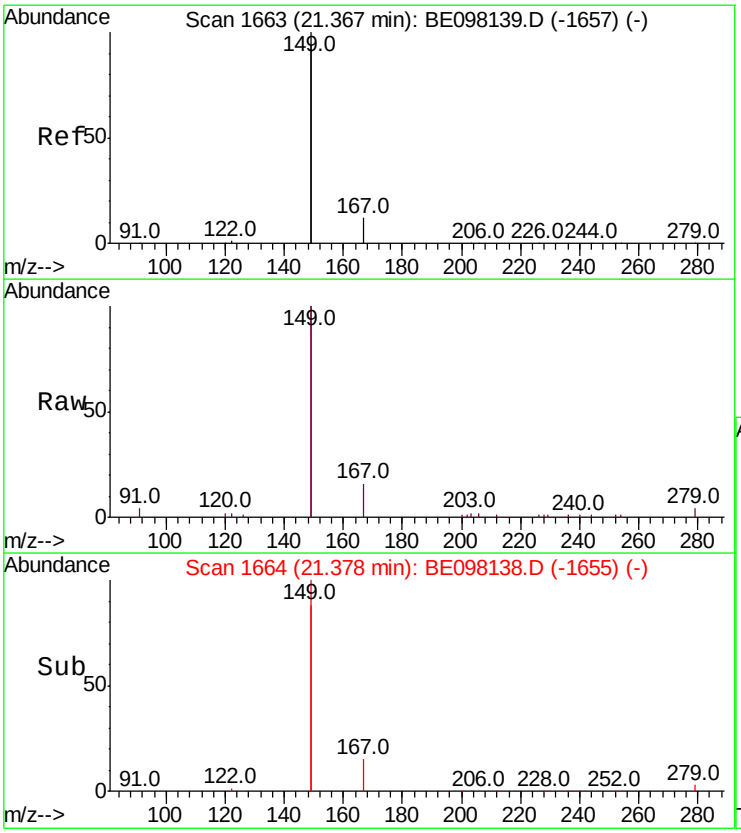
#31
Chrysene
Concen: 0.215 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 5655

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	19.6	17.3	25.9

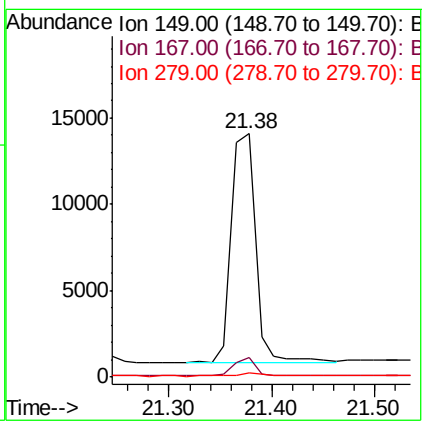


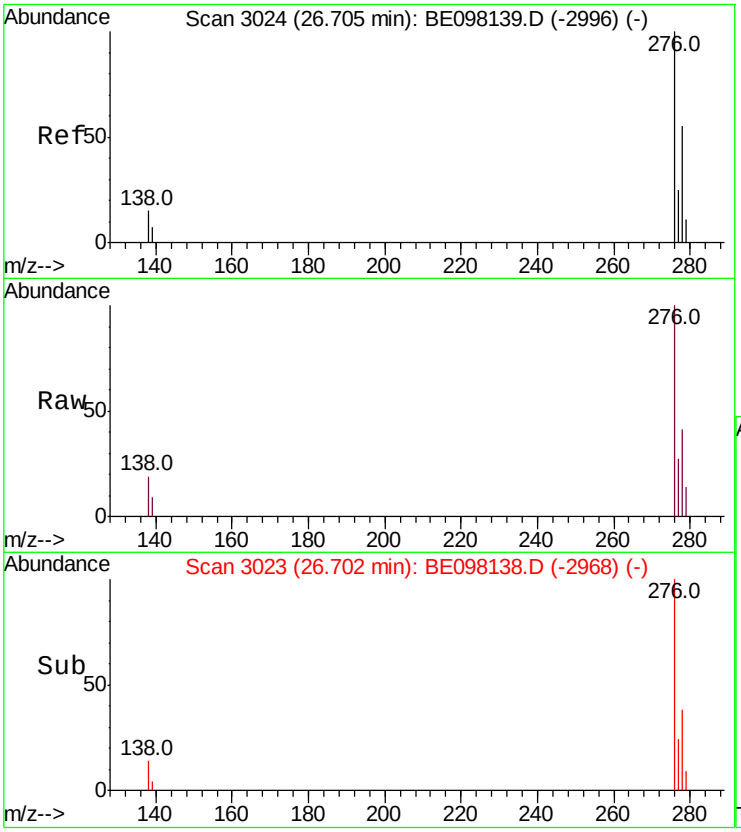


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.334 ng
RT: 21.38 min Scan# 1664
Delta R.T. 0.01 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:149 Resp: 21445

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.4	0.9	1.3#



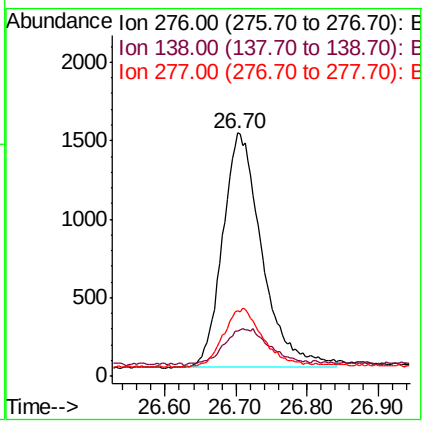


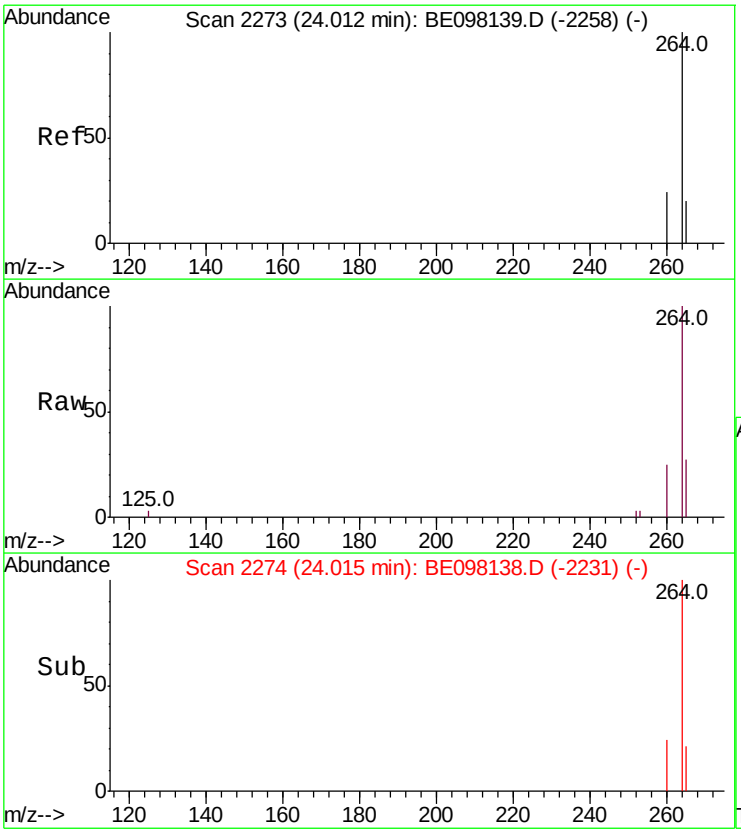
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.201 ng
RT: 26.70 min Scan# 3023
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 5774

Ion	Ratio	Lower	Upper
276	100		
138	0.0	17.0	25.6#
277	24.5	20.5	30.7

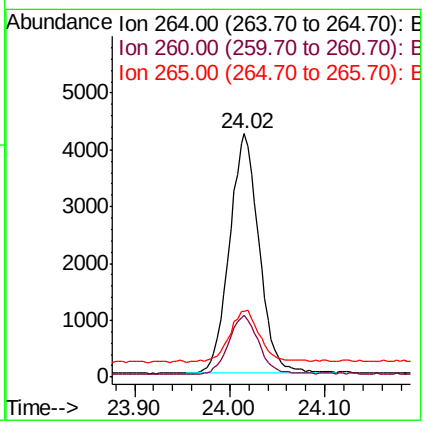


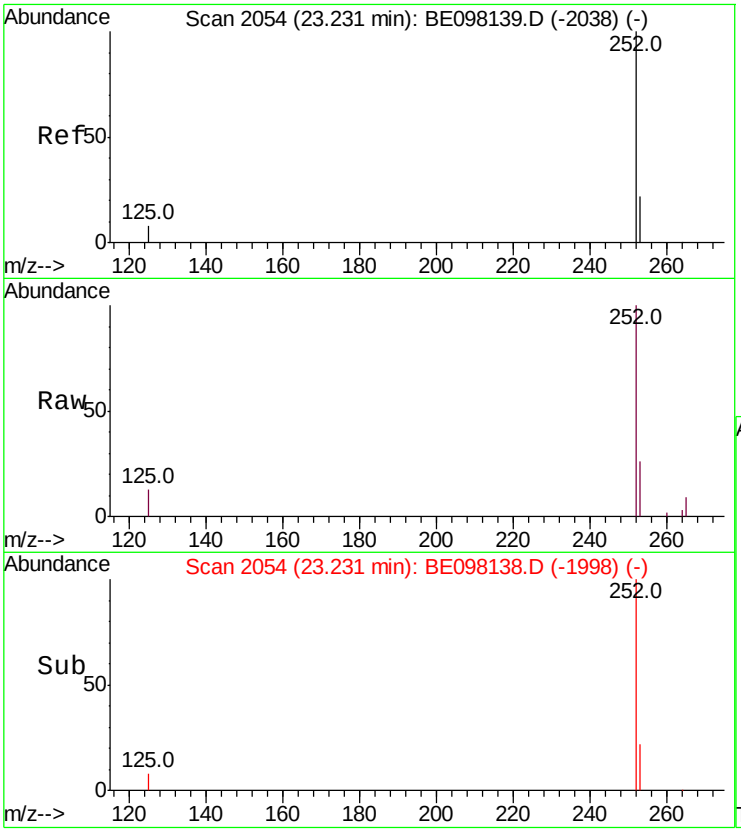


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:264 Resp: 9094

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.1	31.7
265	27.1	29.2	43.8#



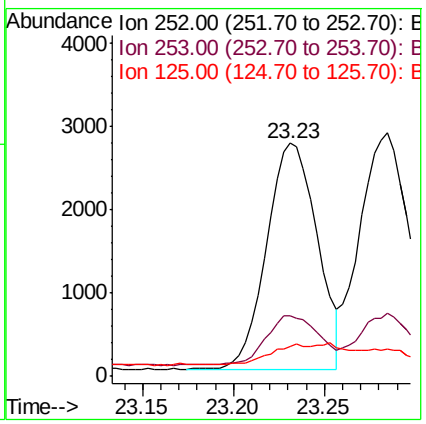


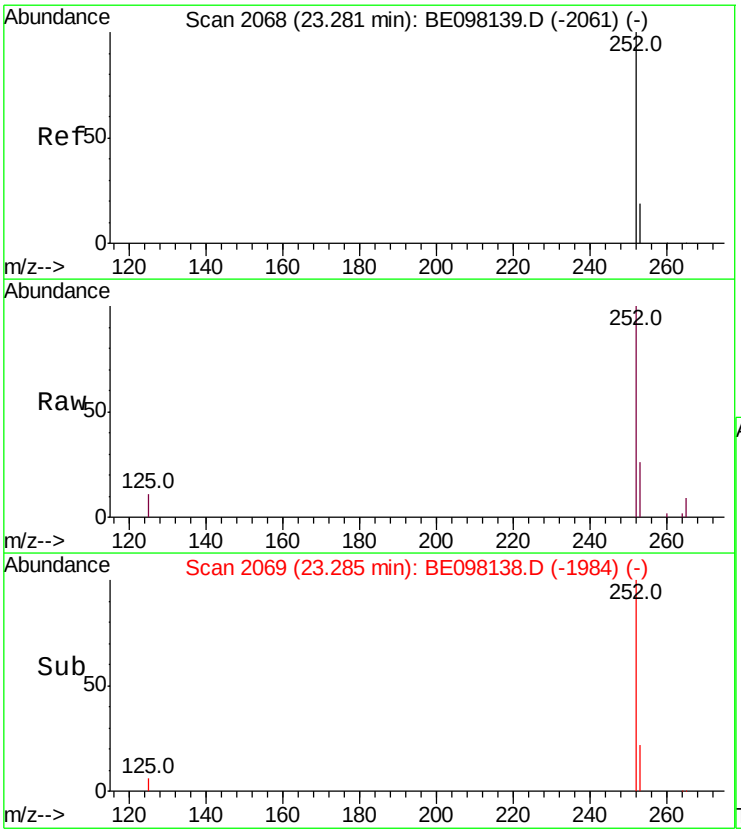
#35
Benzo(b)fluoranthene
Concen: 0.207 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5218

Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.6	31.0
125	13.0	14.3	21.5#

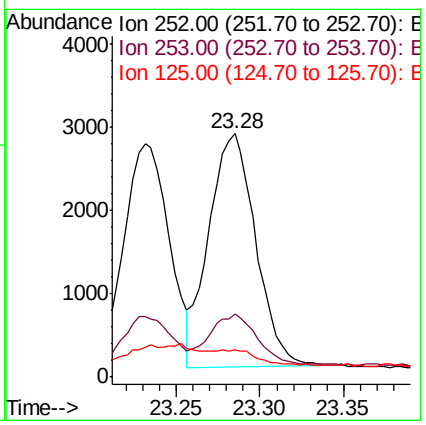


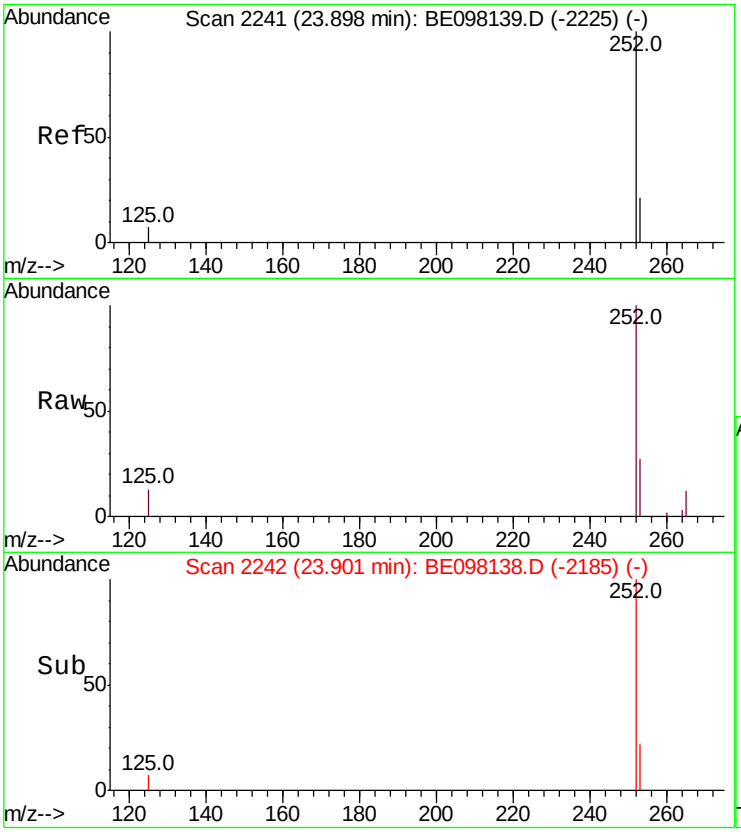


#36
Benzo(k)fluoranthene
Concen: 0.207 ng
RT: 23.28 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:252 Resp: 5447

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.4	30.6
125	11.0	14.6	21.8#



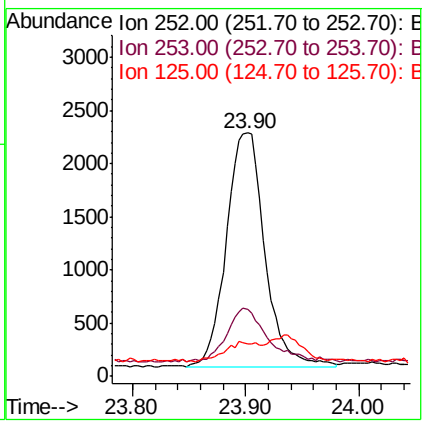


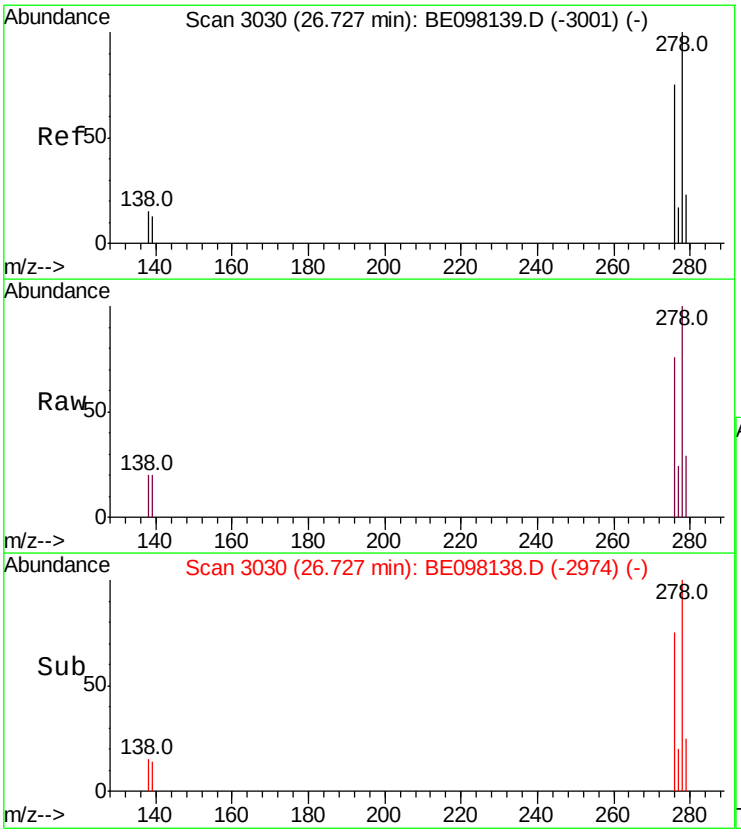
#37
Benzo(a)pyrene
Concen: 0.210 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5203

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.6	31.0
125	13.4	15.6	23.4#

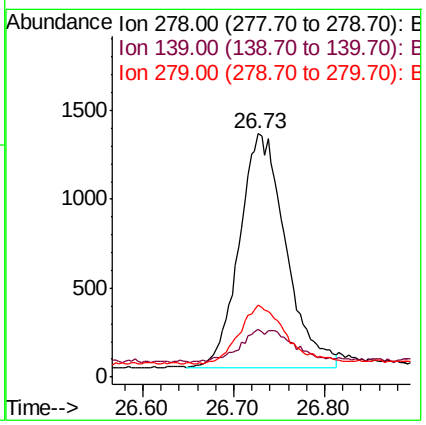


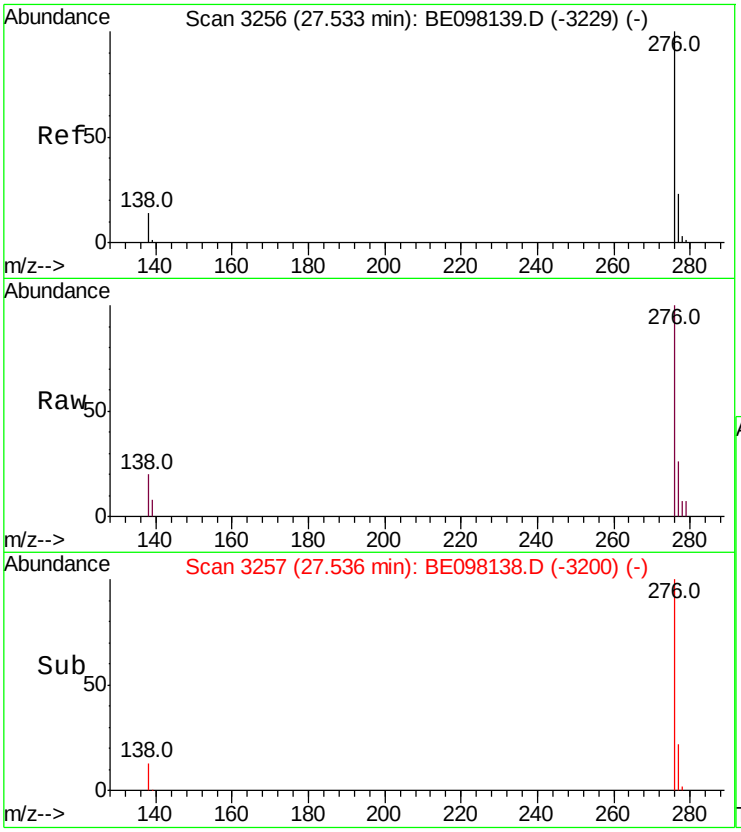


#38
Dibenzo(a,h)anthracene
Concen: 0.191 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:278 Resp: 4631

Ion	Ratio	Lower	Upper
278	100		
139	19.5	16.3	24.5
279	29.4	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.197 ng
RT: 27.54 min Scan# 3257
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 4713

Ion	Ratio	Lower	Upper
276	100		
277	26.1	22.1	33.1
138	19.6	19.3	28.9