Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
Data File : BE098142.D
Acq On : 1 Nov 2018 12:22
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Nov 01 13:03:28 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	1057	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	5211	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	3538	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	7965	0.40	ng		0.00
27) Chrysene-d12	21.46	240	9380	0.40	ng		0.00
34) Perylene-d12	24.02	264	9184	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	9798	3.06	ng		0.00
5) Phenol-d6	7.04	99	16775	3.15	ng		0.00
8) Nitrobenzene-d5	9.02	82	18114	3.27	ng		-0.01
11) 2-Methylnaphthalene-d10	12.27	152	29297	3.17	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	5669	3.18	ng		-0.01
15) 2-Fluorobiphenyl	13.16	172	42949	3.00	ng		0.00
25) Fluoranthene-d10	19.31	212	332063	3.25	ng		0.00
29) Terphenyl-d14	19.91	244	68974	3.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	4771	2.933	ng		98
3) n-Nitrosodimethylamine	3.68	42	7542	3.475	ng	#	80
6) bis(2-Chloroethyl)ether	7.29	93	11913	3.190	ng		92
9) Naphthalene	10.72	128	162913	3.148	ng		99
10) Hexachlorobutadiene	11.00	225	10756	3.065	ng		97
12) 2-Methylnaphthalene	12.34	142	29818	3.185	ng		95
16) Acenaphthylene	14.26	152	52641	3.285	ng		99
17) Acenaphthene	14.60	154	31030	3.205	ng		99
18) Fluorene	15.58	166	41287	3.162	ng		99
20) 4-Bromophenyl-phenylether	16.48	248	16264	3.382	ng	#	84
21) Hexachlorobenzene	16.59	284	16701	3.329	ng		97
22) Pentachlorophenol	16.94	266	4756	11.386	ng		94
23) Phenanthrene	17.33	178	64557	3.301	ng		100
24) Anthracene	17.41	178	63701	3.319	ng		99
26) Fluoranthene	19.34	202	80880	3.319	ng	#	96
28) Pyrene	19.71	202	83611	3.228	ng		99
30) Benzo(a)anthracene	21.45	228	88356	3.188	ng		97
31) Chrysene	21.50	228	87402	3.246	ng		97
33) Indeno(1,2,3-cd)pyrene	26.70	276	93411	3.175	ng	#	95
35) Benzo(b)fluoranthene	23.23	252	82480	3.234	ng	#	86
36) Benzo(k)fluoranthene	23.28	252	86810	3.274	ng	#	85
37) Benzo(a)pyrene	23.90	252	80672	3.218	ng	#	85
38) Dibenzo(a,h)anthracene	26.73	278	78263	3.204	ng	#	87
39) Benzo(g,h,i)perylene	27.53	276	76580	3.162	ng	#	87

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

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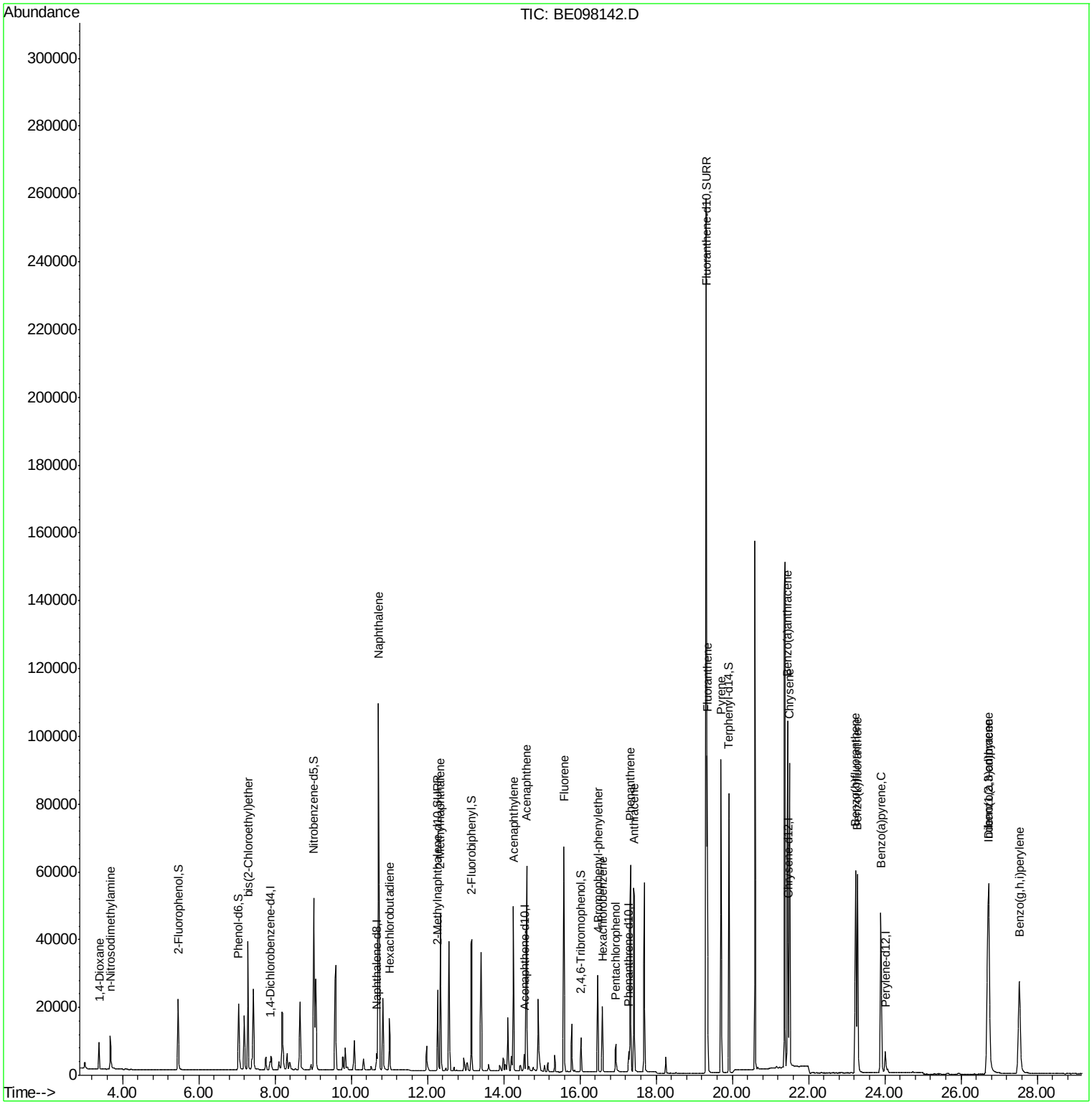
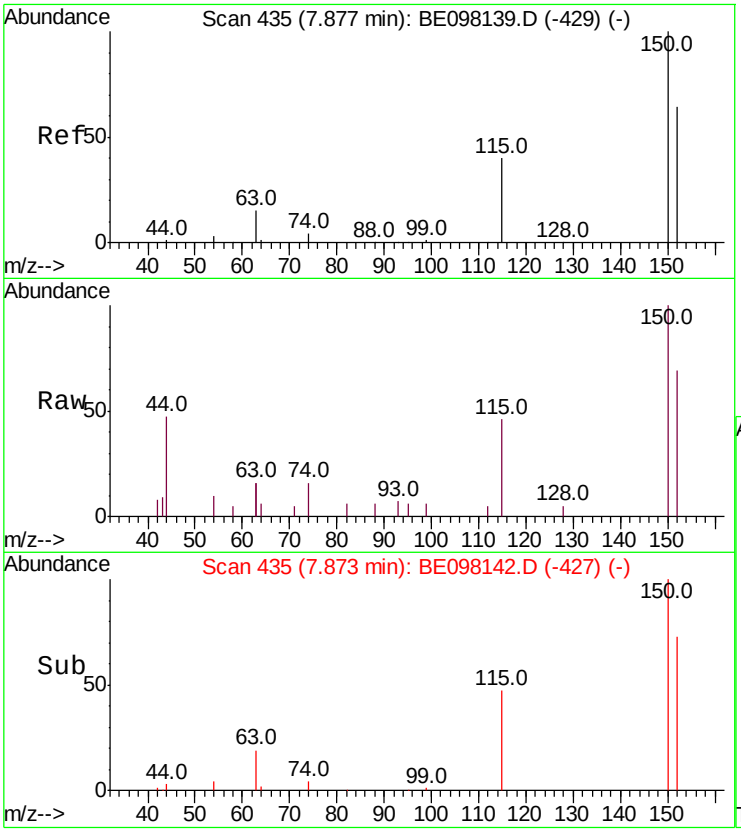
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
Data File : BE098142.D
Acq On : 1 Nov 2018 12:22
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 01 13:03:28 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



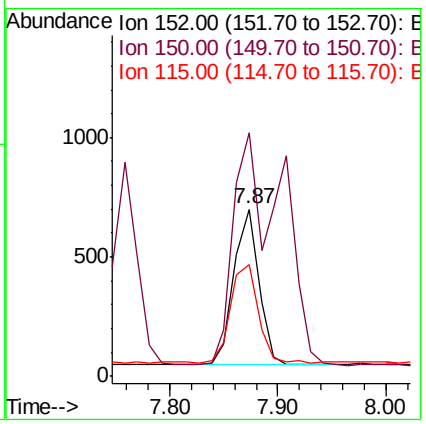


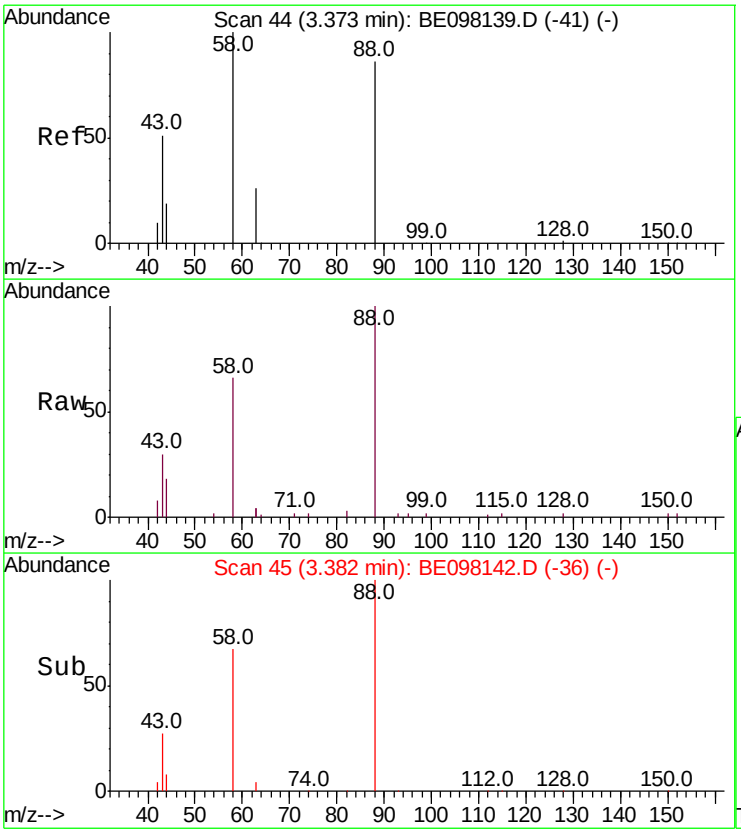
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1057

Ion	Ratio	Lower	Upper
152	100		
150	145.7	118.2	177.4
115	67.1	50.9	76.3

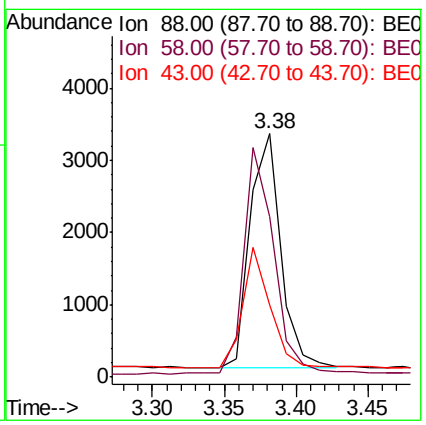


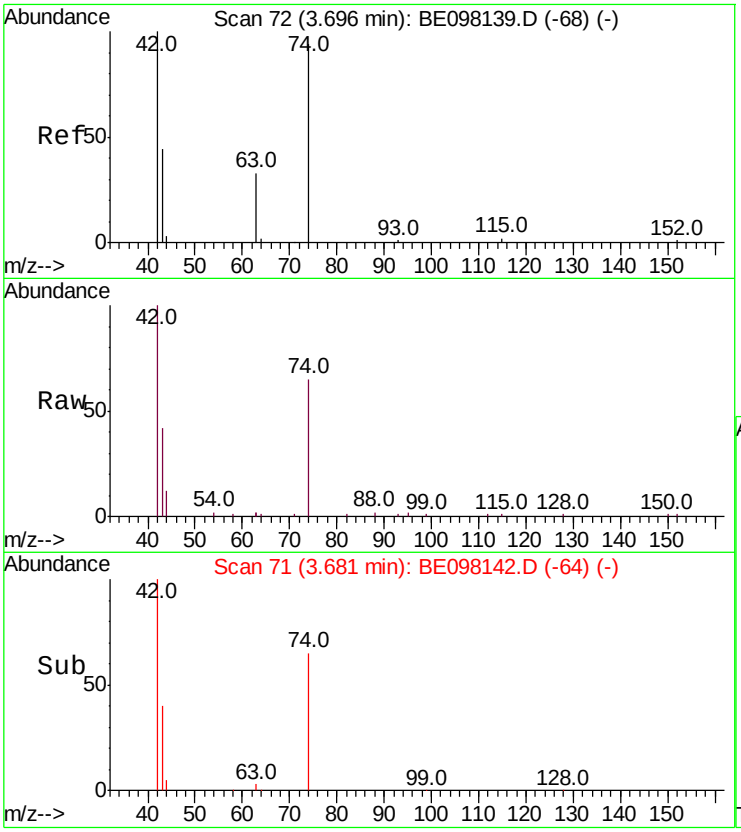


#2
1,4-Dioxane
Concen: 2.933 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion: 88 Resp: 4771

Ion	Ratio	Lower	Upper
88	100		
58	94.3	73.2	109.8
43	45.9	36.9	55.3



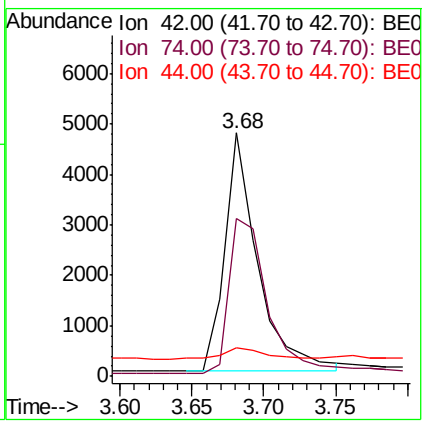


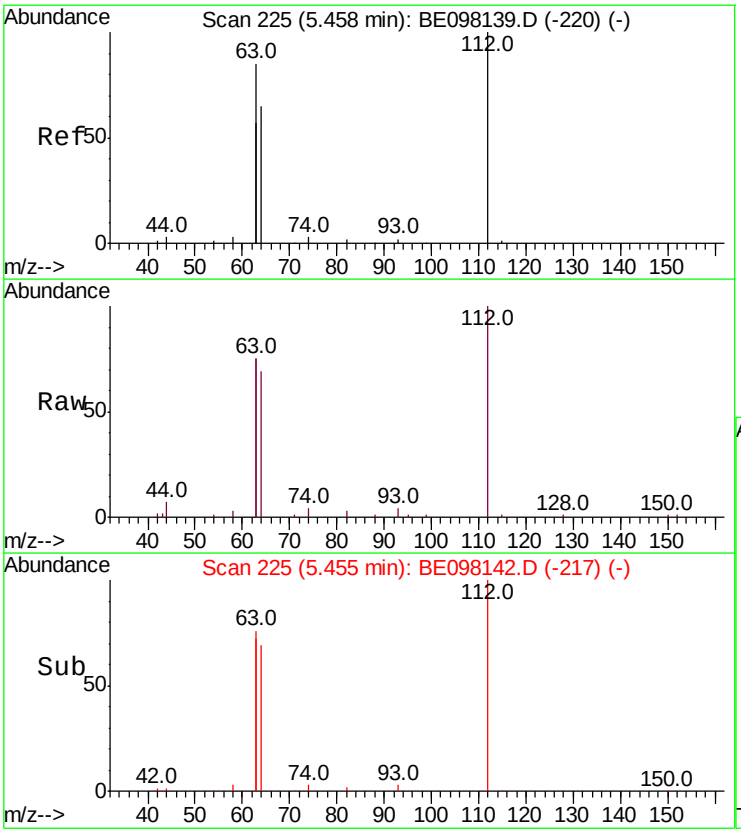
#3
n-Nitrosodimethylamine
Concen: 3.475 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 7542

Ion	Ratio	Lower	Upper
42	100		
74	76.0	77.6	116.4#
44	5.8	7.6	11.4#

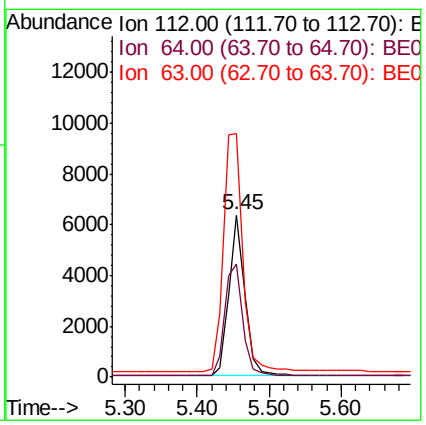


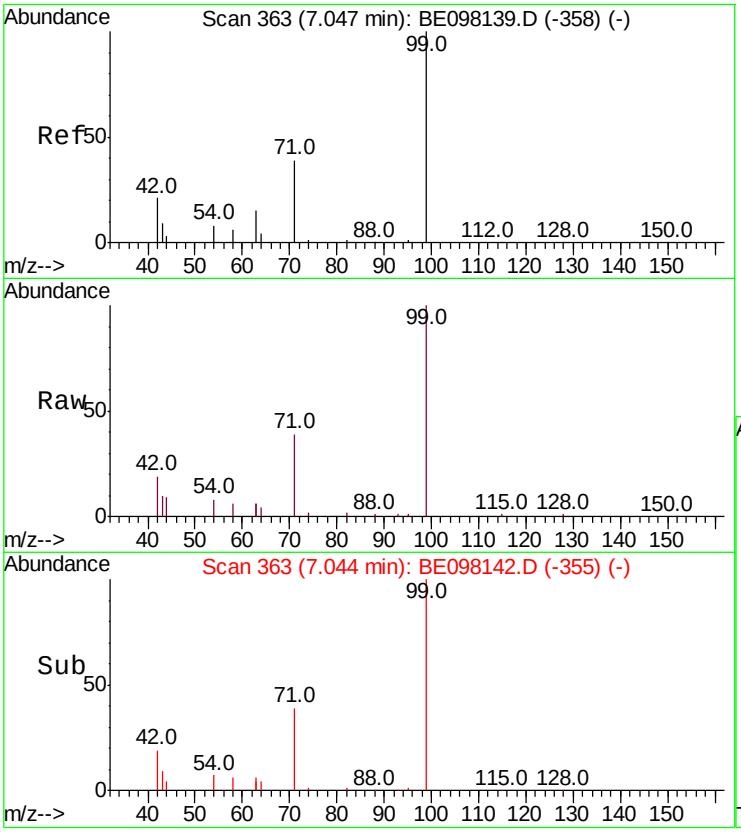


#4
2-Fluorophenol
Concen: 3.061 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:112 Resp: 9798

Ion	Ratio	Lower	Upper
112	100		
64	79.1	58.9	88.3
63	178.2	120.3	180.5



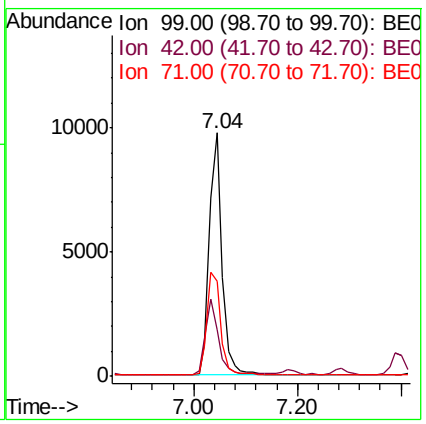


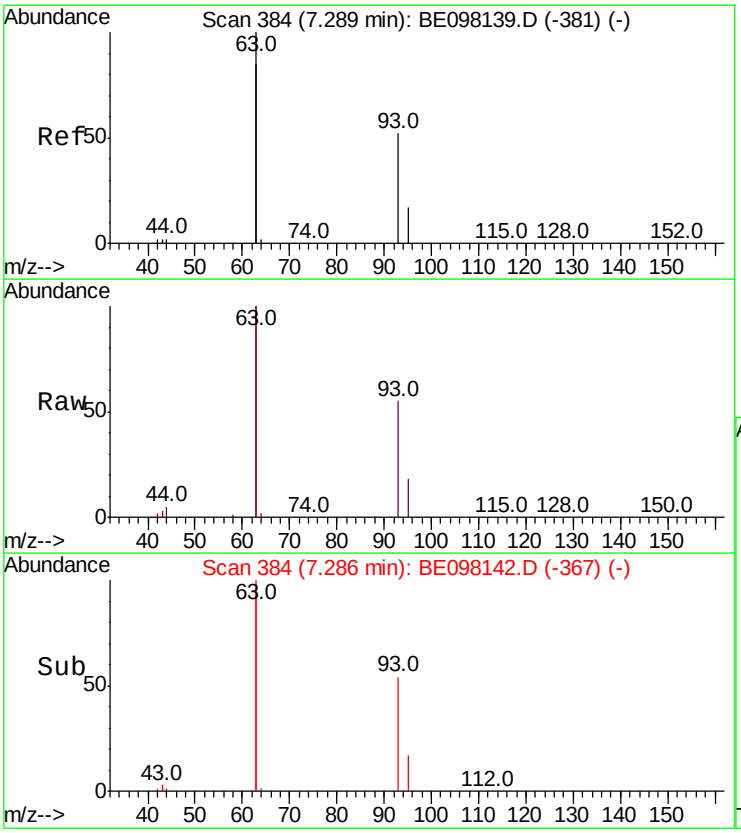
#5
Phenol-d6
Concen: 3.148 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 16775

Ion	Ratio	Lower	Upper
99	100		
42	31.3	19.9	29.9#
71	45.8	27.8	41.8#

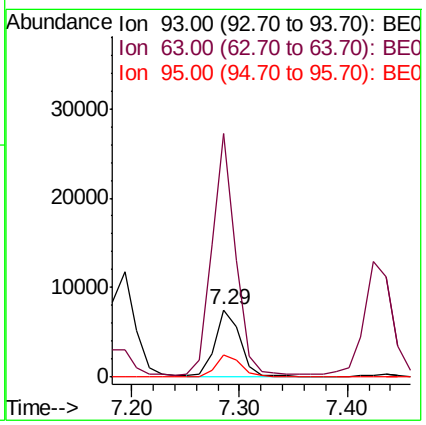


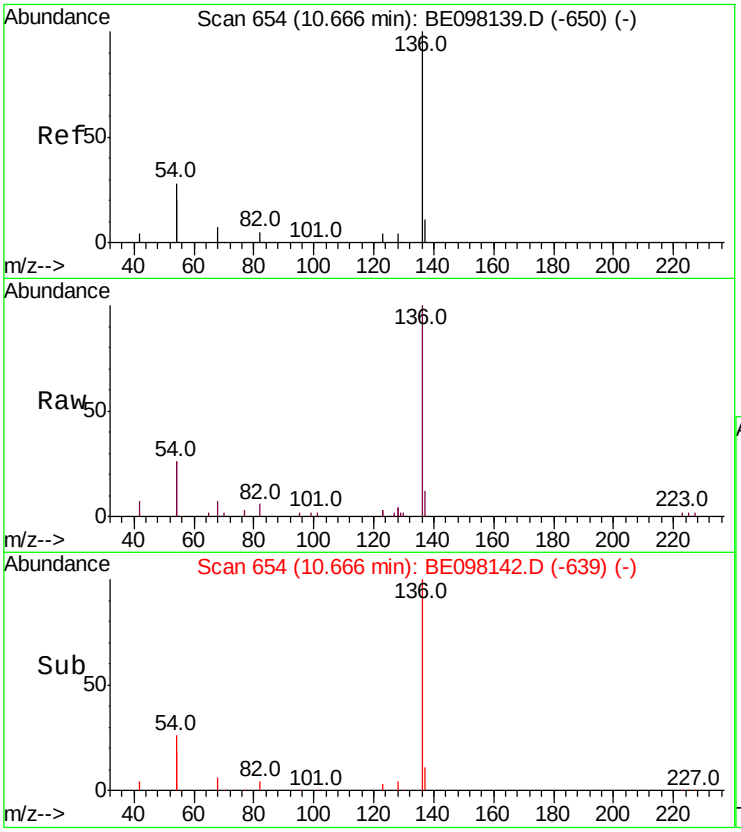


#6
bis(2-Chloroethyl)ether
Concen: 3.190 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion: 93 Resp: 11913

Ion	Ratio	Lower	Upper
93	100		
63	342.1	259.0	388.4
95	32.2	27.8	41.8



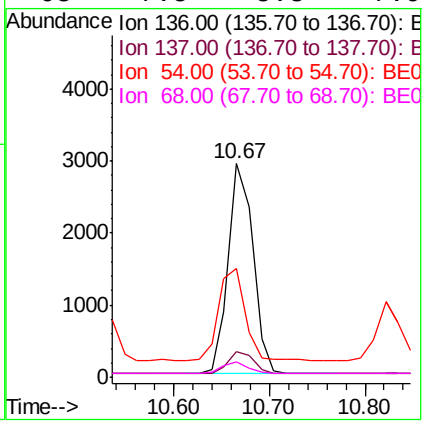


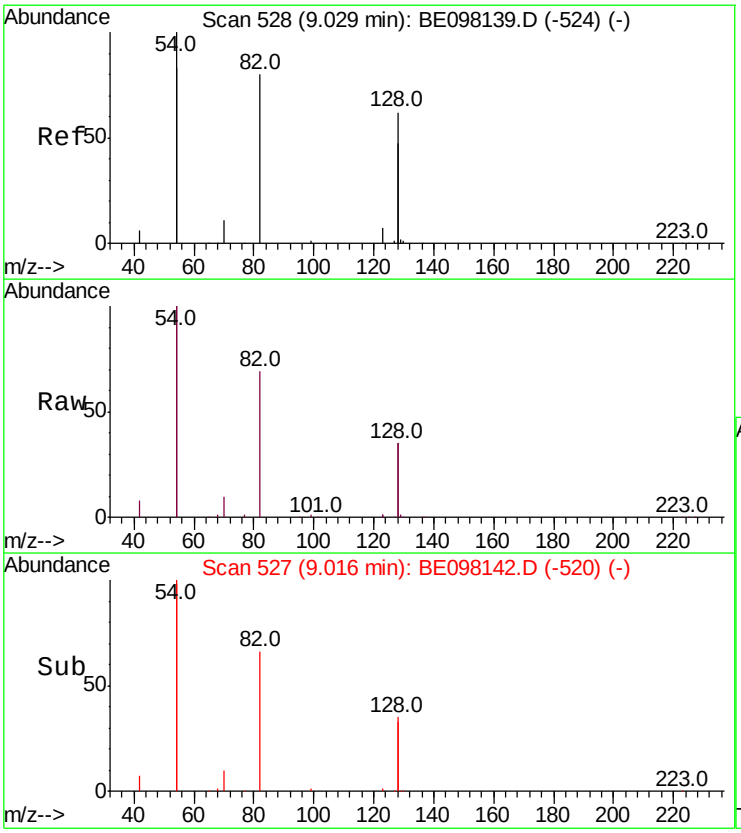
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 5211

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	51.1	27.7	41.5#
68	7.5	5.3	7.9

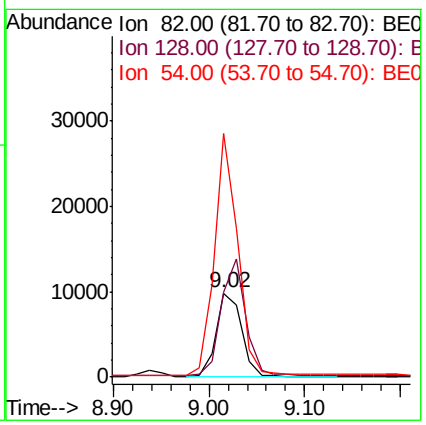


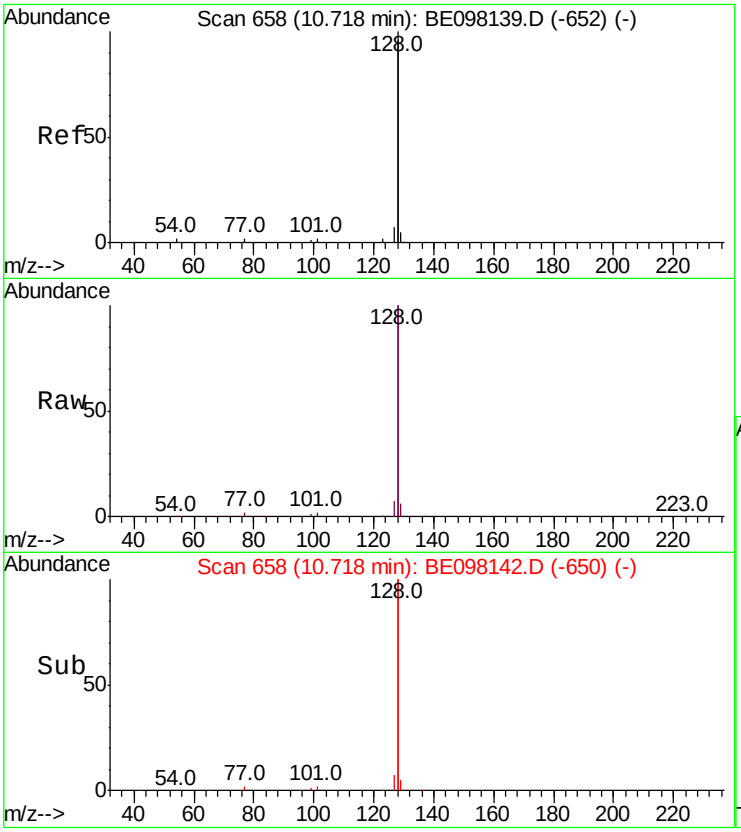


#8
Nitrobenzene-d5
Concen: 3.269 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.01 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion: 82 Resp: 18114

Ion	Ratio	Lower	Upper
82	100		
128	100.8	129.9	194.9#
54	290.3	174.0	261.0#



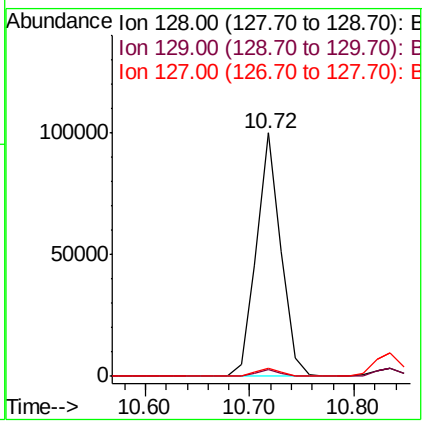


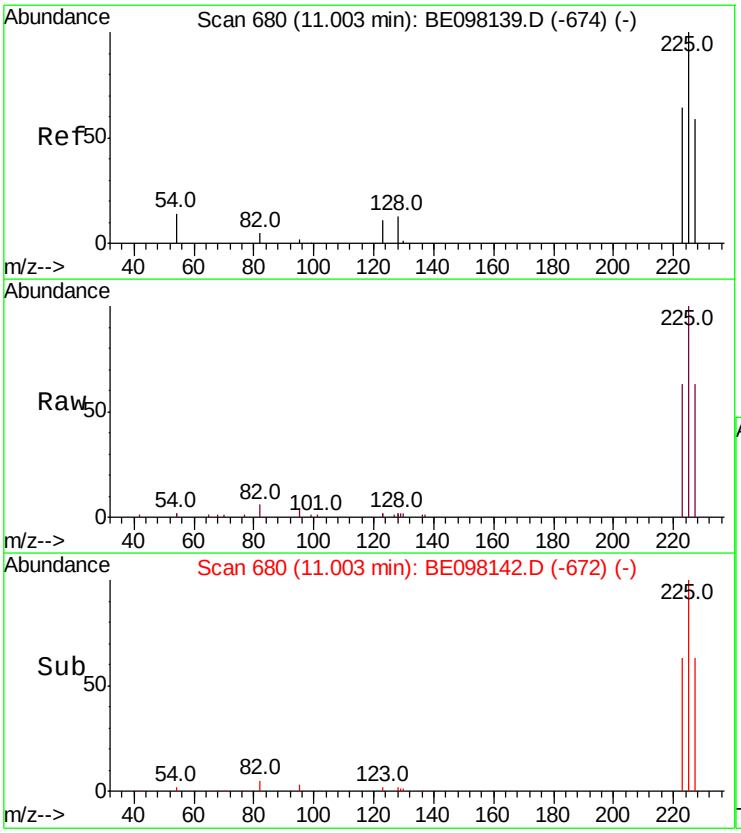
#9
Naphthalene
Concen: 3.148 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 162913

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.5	3.7
127	3.3	2.8	4.2

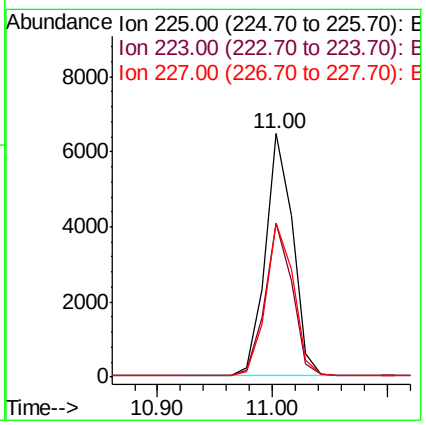


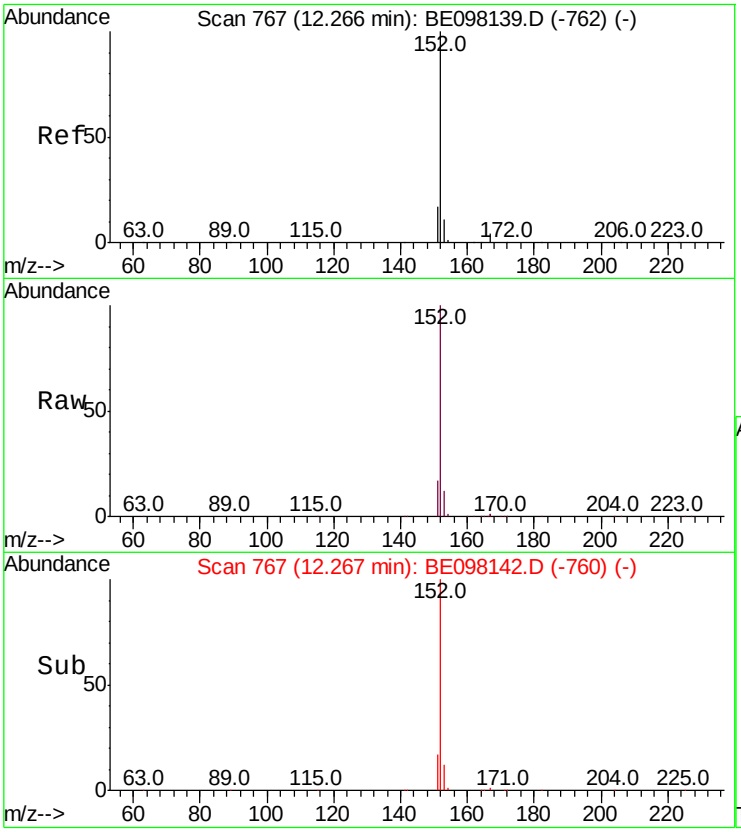


#10
Hexachlorobutadiene
Concen: 3.065 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:225 Resp: 10756

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.8	77.8
227	63.7	53.0	79.6



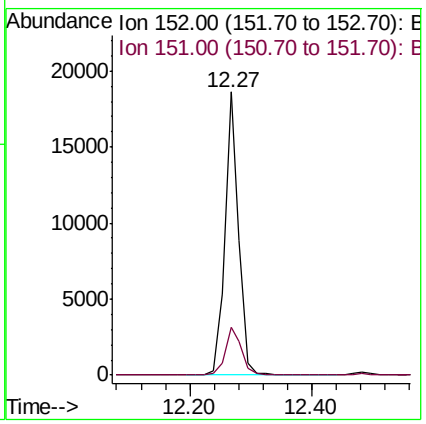


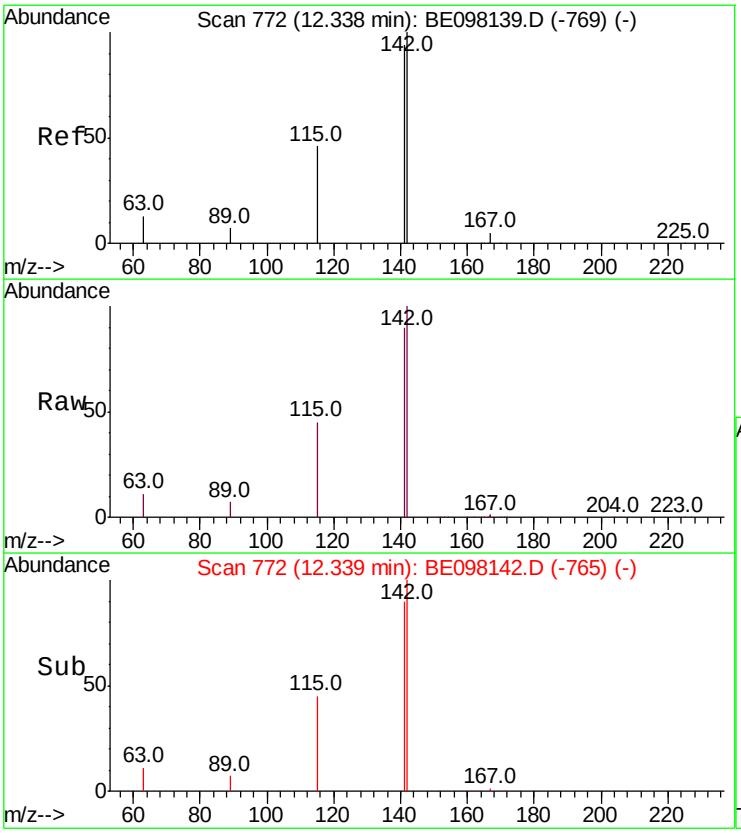
#11
2-Methylnaphthalene-d10
Concen: 3.169 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 29297

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4

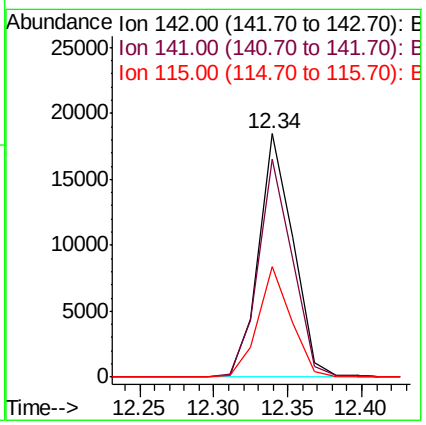


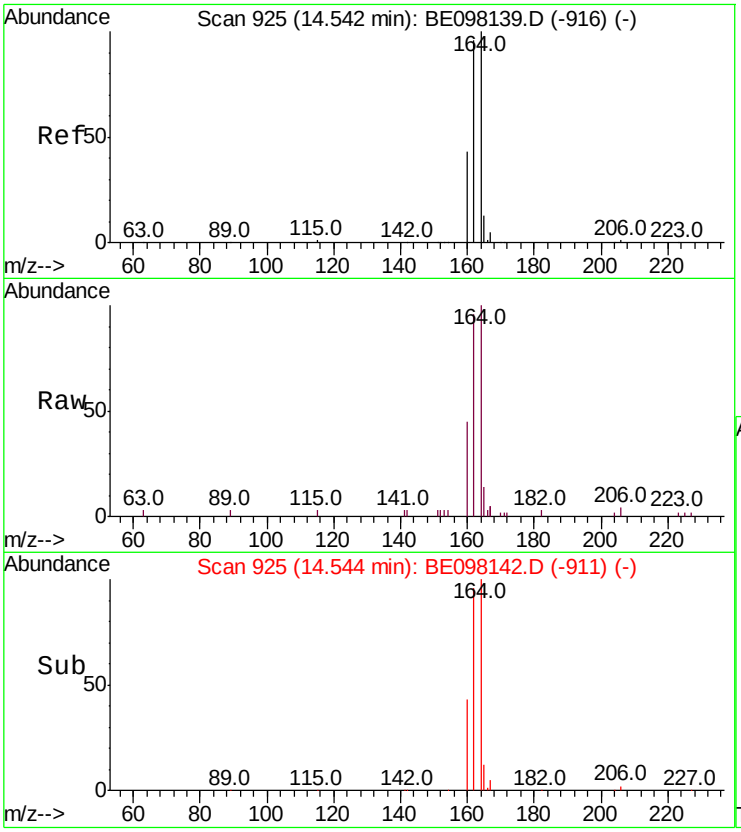


#12
2-Methylnaphthalene
Concen: 3.185 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:142 Resp: 29818

Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.8	104.6
115	45.4	30.5	45.7



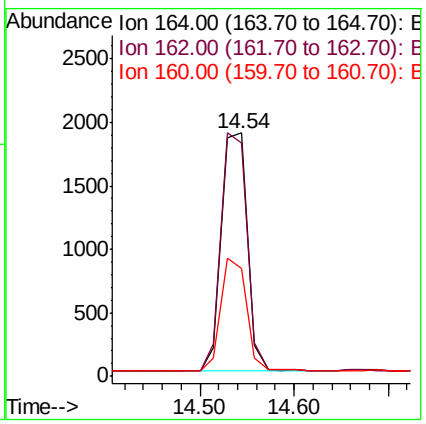


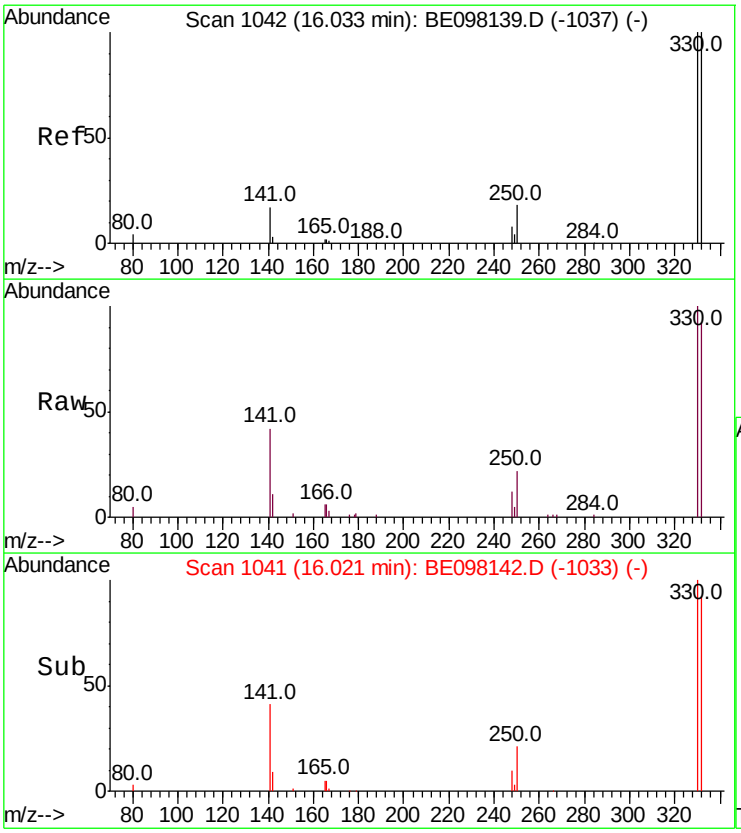
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 3538

Ion	Ratio	Lower	Upper
164	100		
162	95.8	77.4	116.2
160	44.5	36.5	54.7

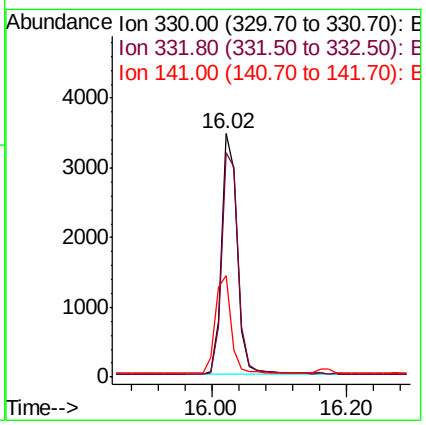


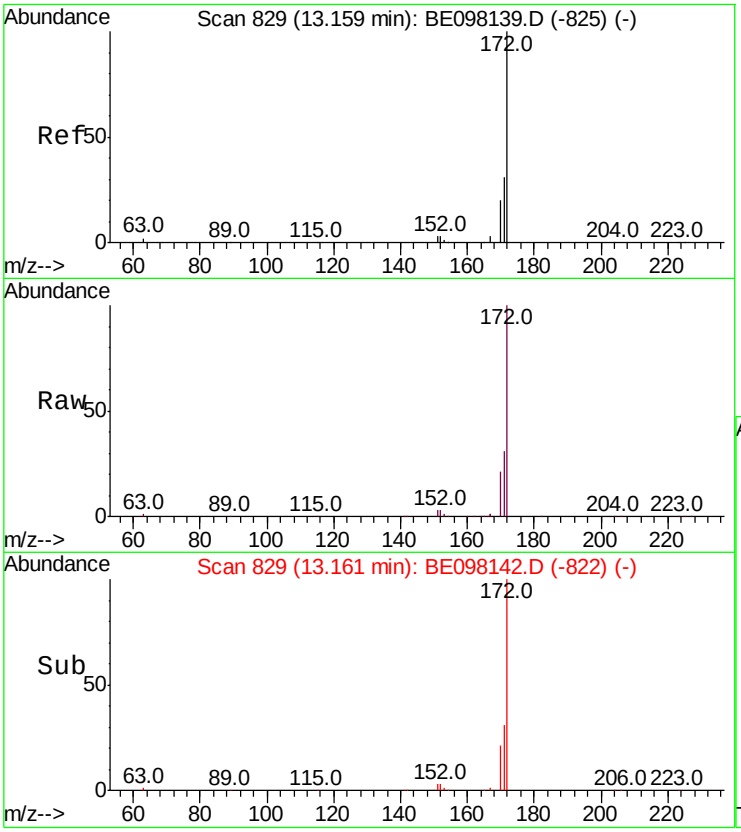


#14
2,4,6-Tribromophenol
Concen: 3.182 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:330 Resp: 5669

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.5	114.7
141	41.5	31.8	47.6



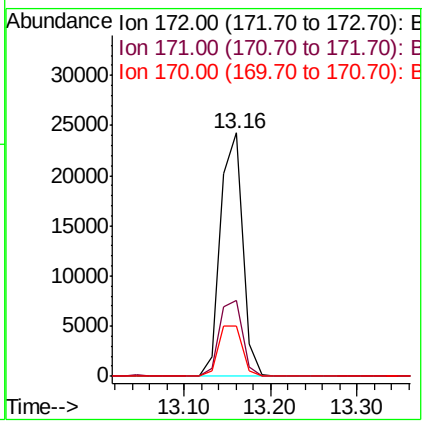


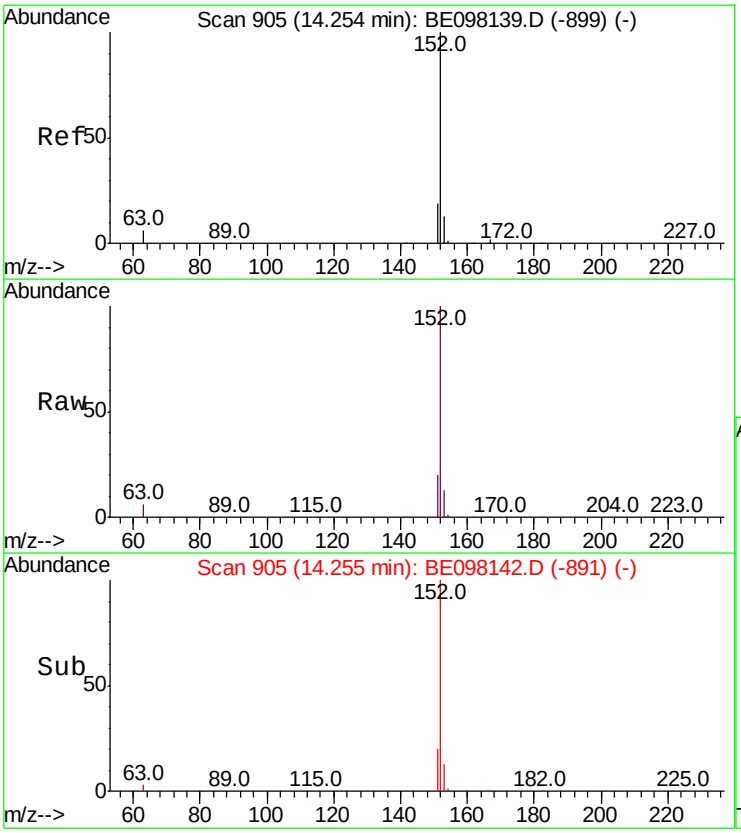
#15
2-Fluorobiphenyl
Concen: 3.000 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 42949

Ion	Ratio	Lower	Upper
172	100		
171	31.1	26.0	39.0
170	20.9	18.0	27.0

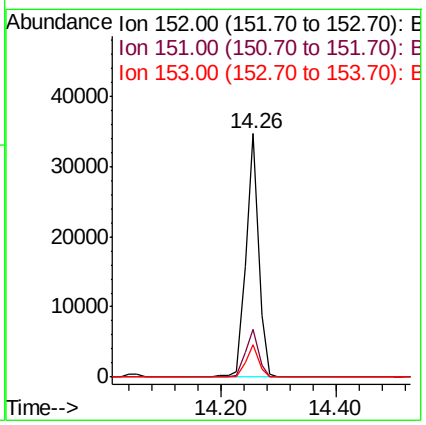


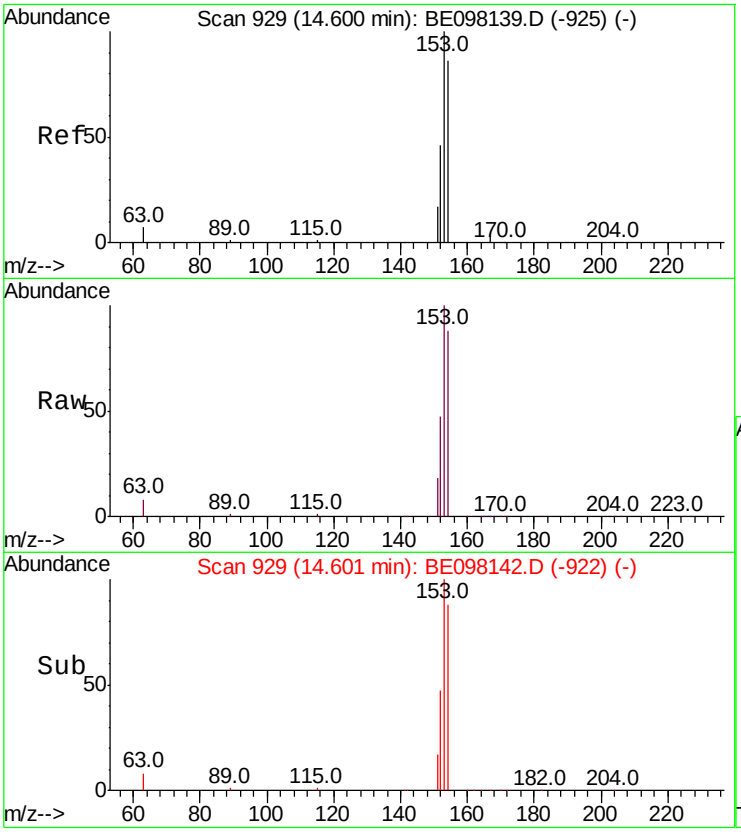


#16
Acenaphthylene
Concen: 3.285 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:152 Resp: 52641

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.0	10.9	16.3



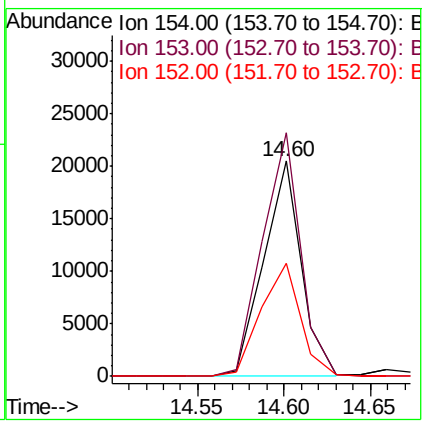


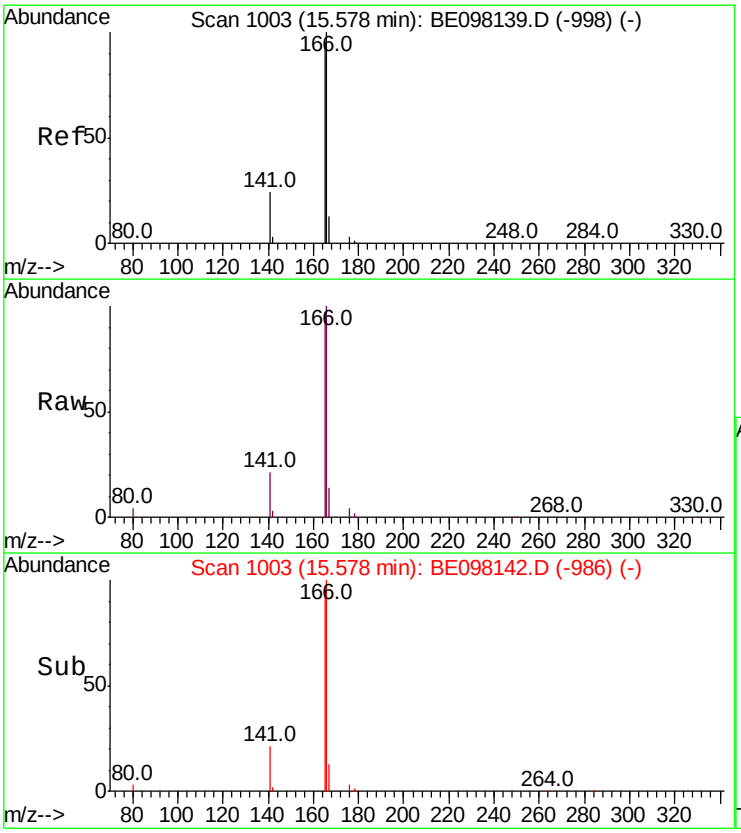
#17
Acenaphthene
Concen: 3.205 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 31030

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.6	139.0
152	55.2	45.5	68.3

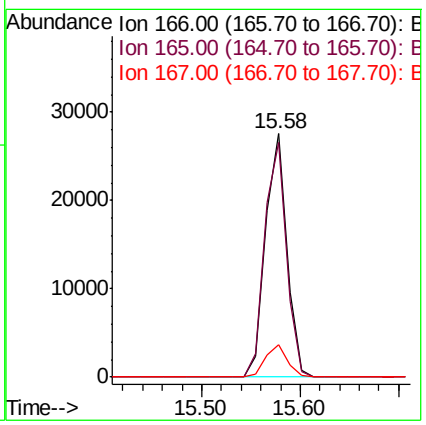


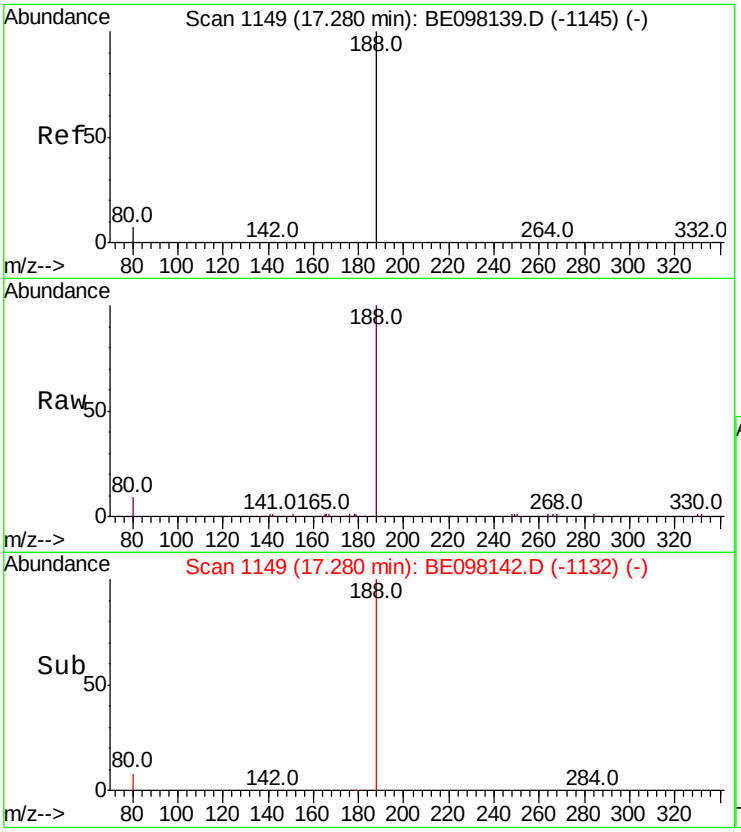


#18
Fluorene
Concen: 3.162 ng
RT: 15.58 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:166 Resp: 41287

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.4
167	13.3	11.0	16.6



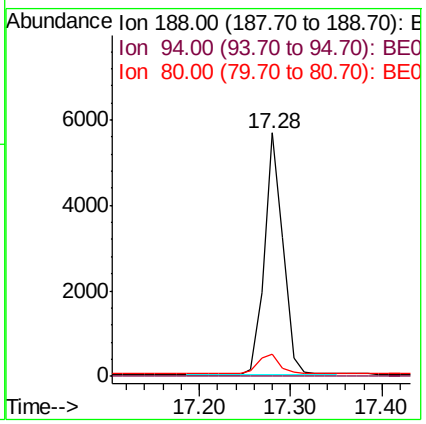


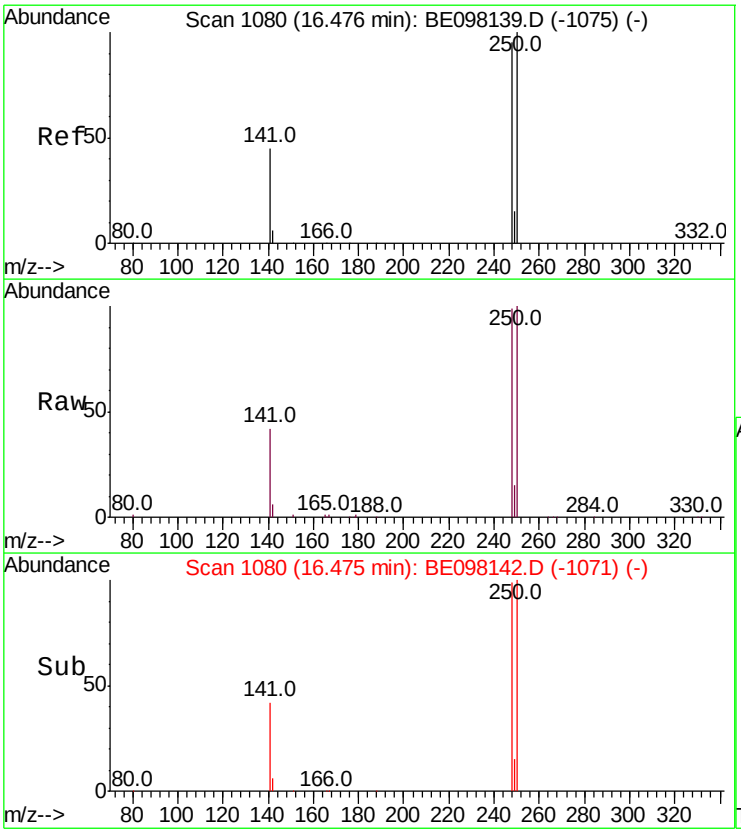
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 7965

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

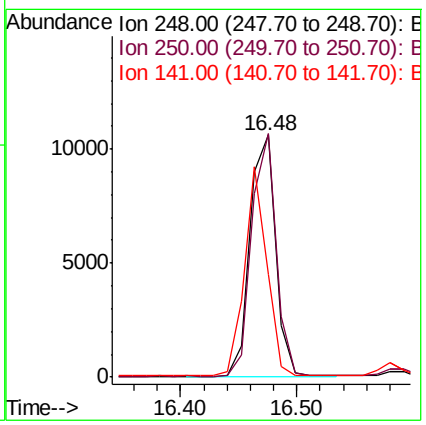


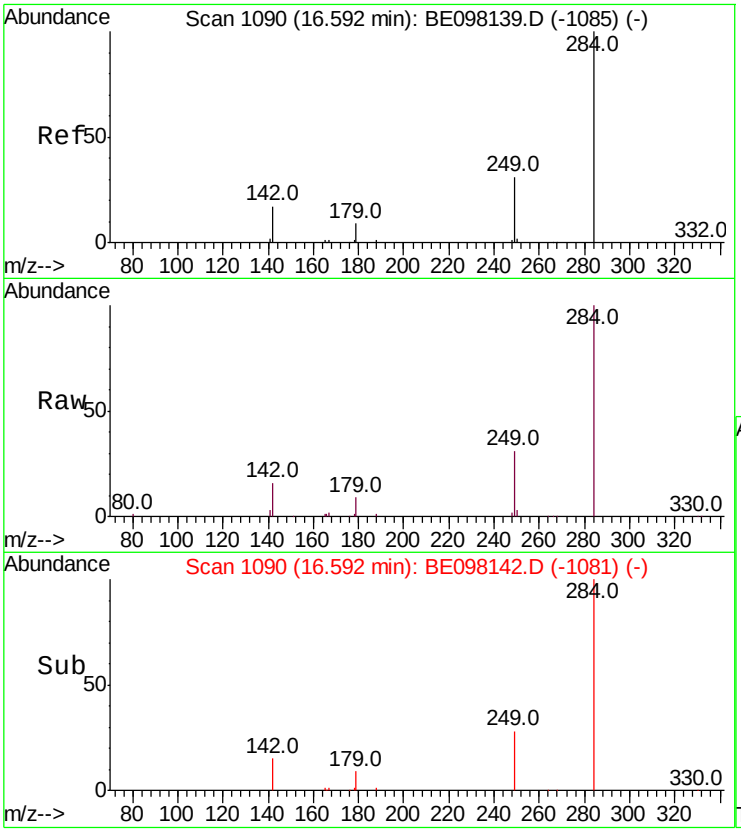


#20
4-Bromophenyl-phenylether
Concen: 3.382 ng
RT: 16.48 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:248 Resp: 16264

Ion	Ratio	Lower	Upper
248	100		
250	100.7	75.1	112.7
141	42.3	51.8	77.8#



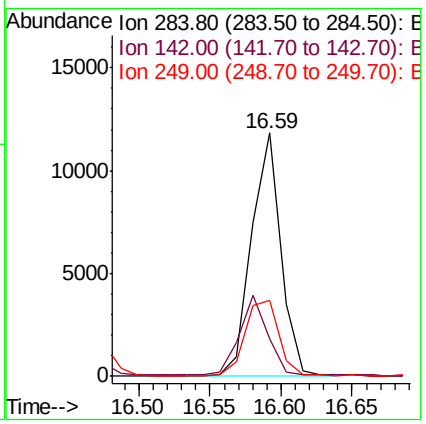


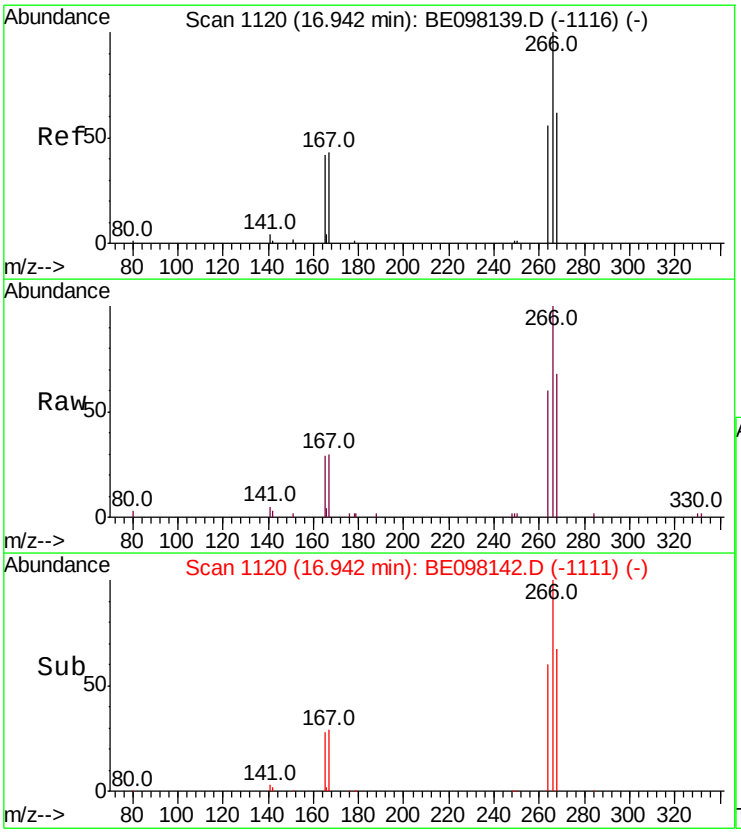
#21
Hexachlorobenzene
Concen: 3.329 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 16701

Ion	Ratio	Lower	Upper
284	100		
142	31.8	25.9	38.9
249	35.6	26.6	40.0

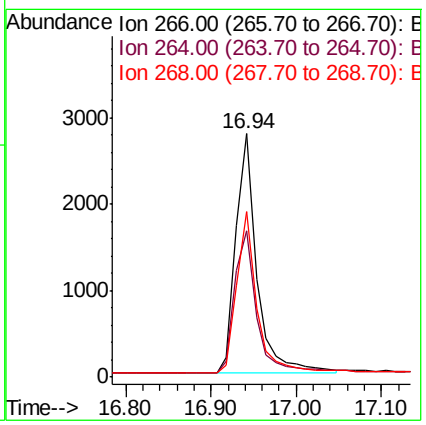


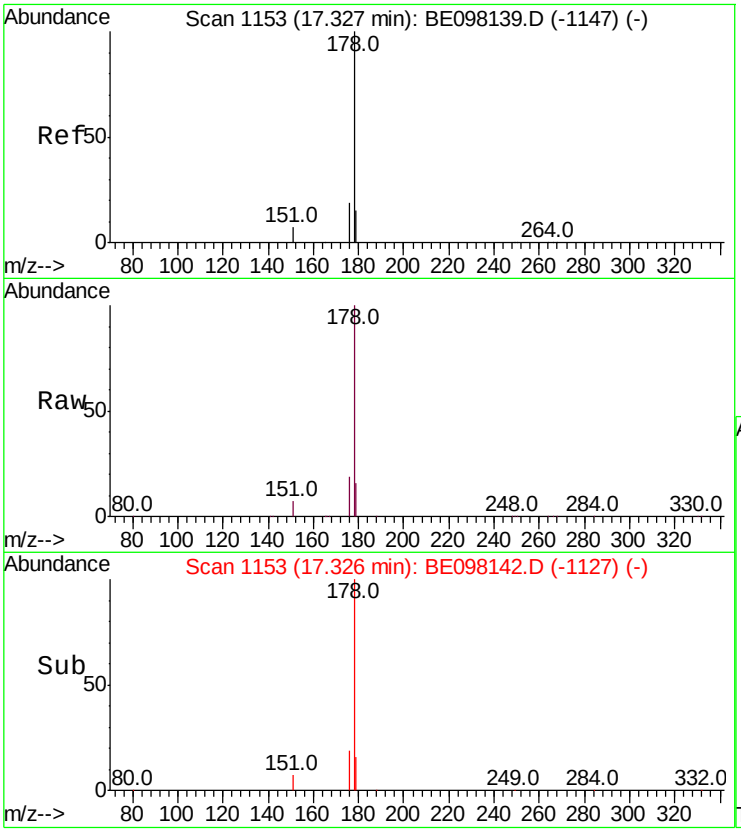


#22
Pentachlorophenol
Concen: 11.386 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:266 Resp: 4756

Ion	Ratio	Lower	Upper
266	100		
264	60.3	51.3	76.9
268	67.9	50.1	75.1



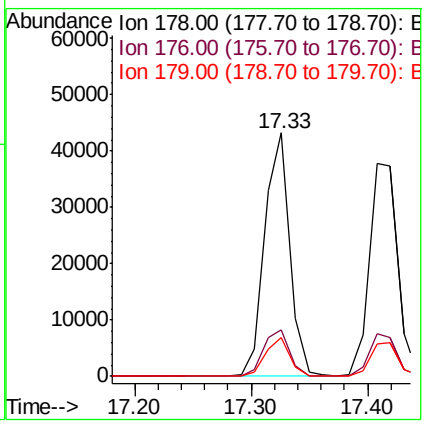


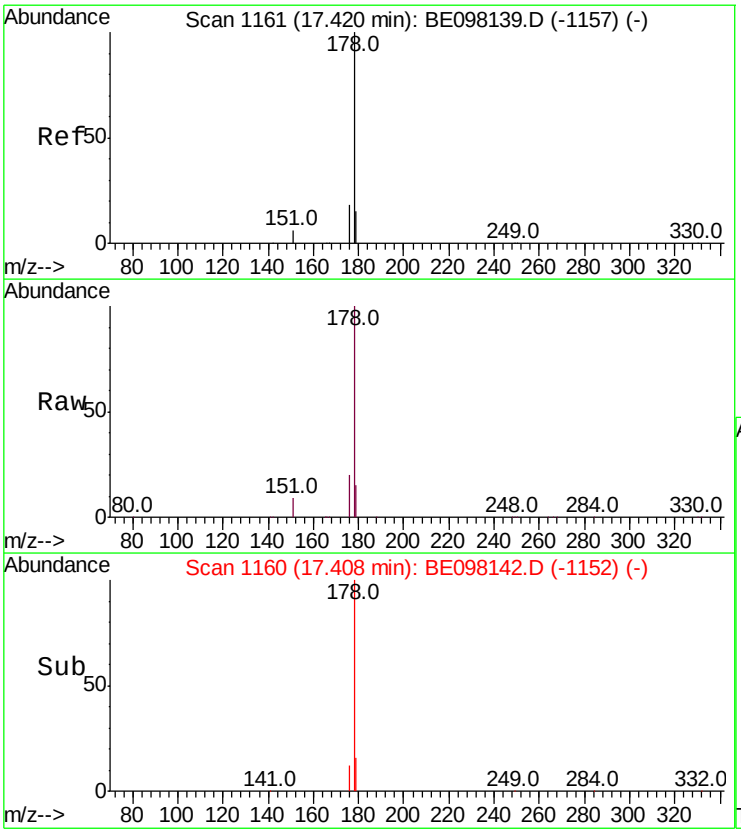
#23
Phenanthrene
Concen: 3.301 ng
RT: 17.33 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 64557

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.4	12.2	18.4

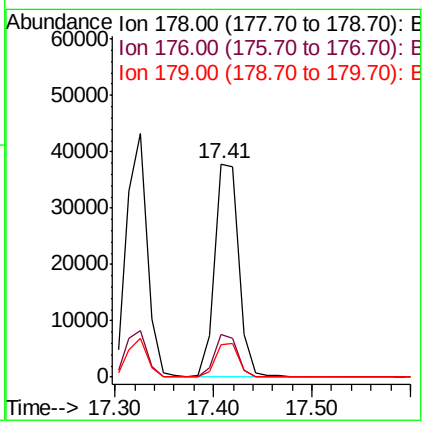


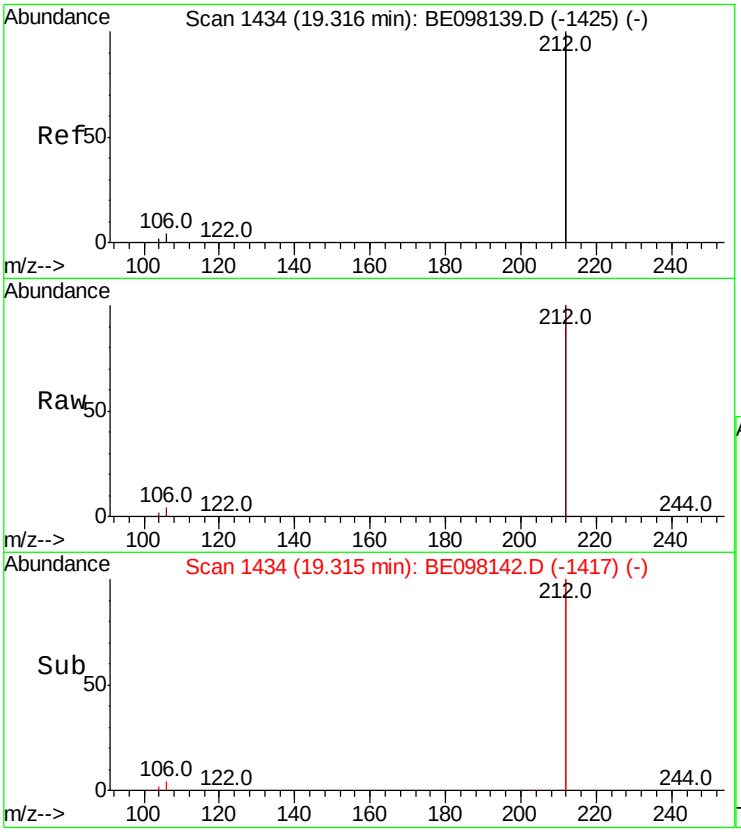


#24
Anthracene
Concen: 3.319 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:178 Resp: 63701

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.2	11.9	17.9



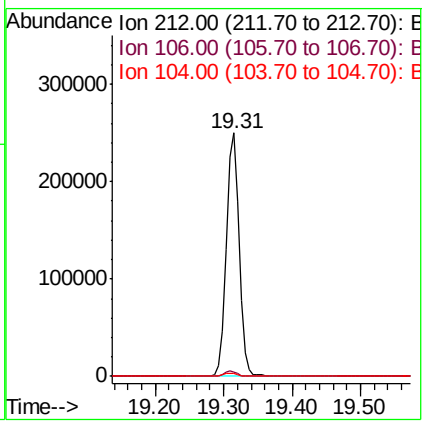


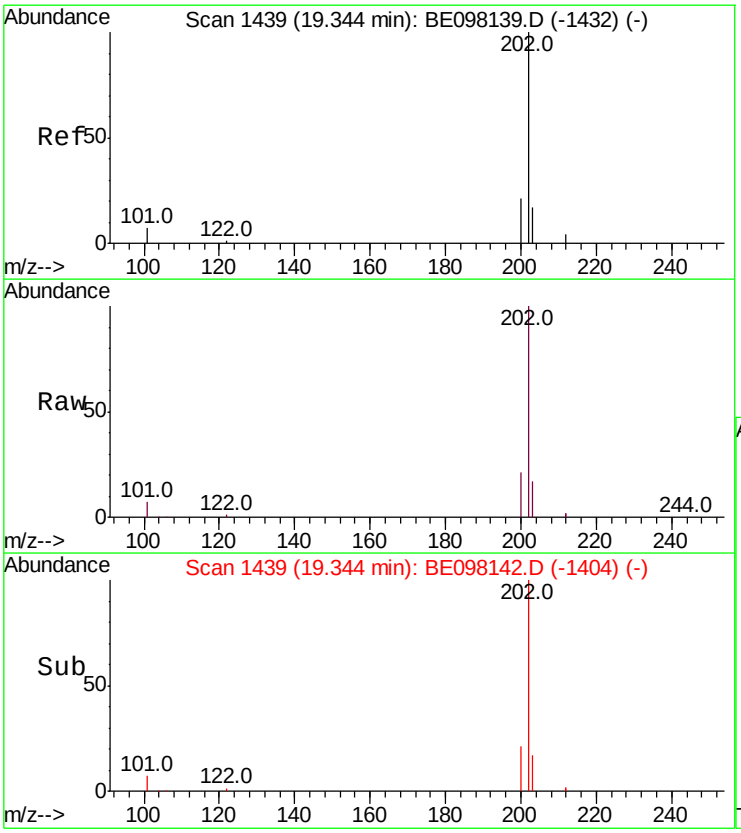
#25
Fluoranthene-d10
Concen: 3.251 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 332063

Ion	Ratio	Lower	Upper
212	100		
106	2.1	2.3	3.5#
104	1.2	1.3	1.9#

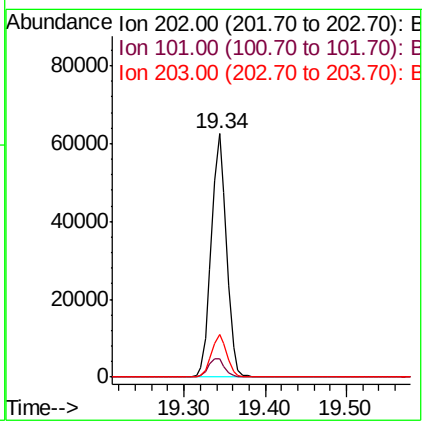


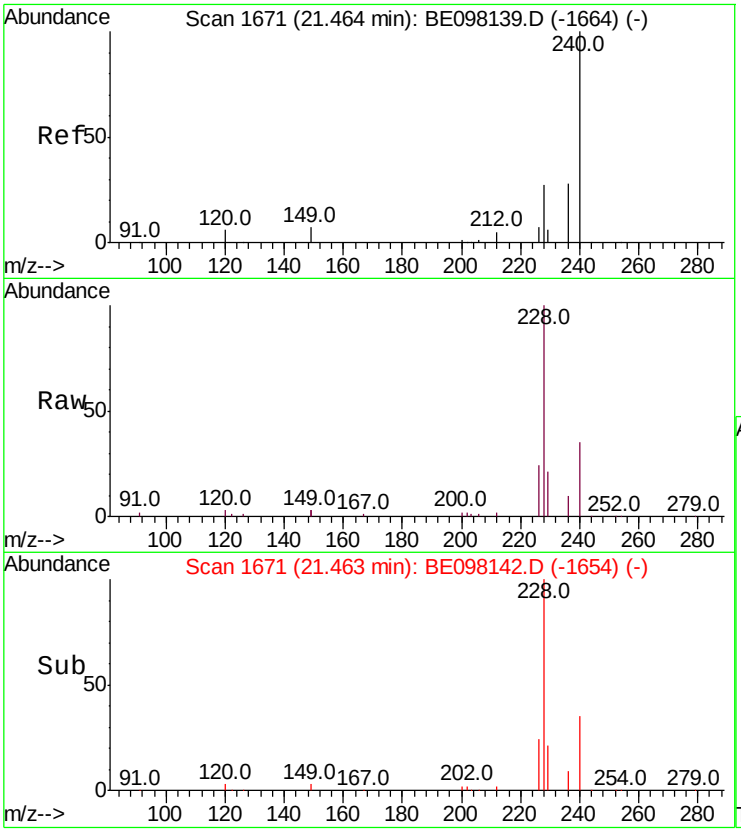


#26
Fluoranthene
Concen: 3.319 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:202 Resp: 80880

Ion	Ratio	Lower	Upper
202	100		
101	8.2	8.2	12.2#
203	17.4	15.0	22.4



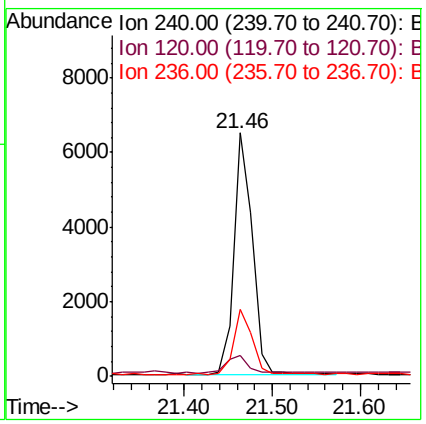


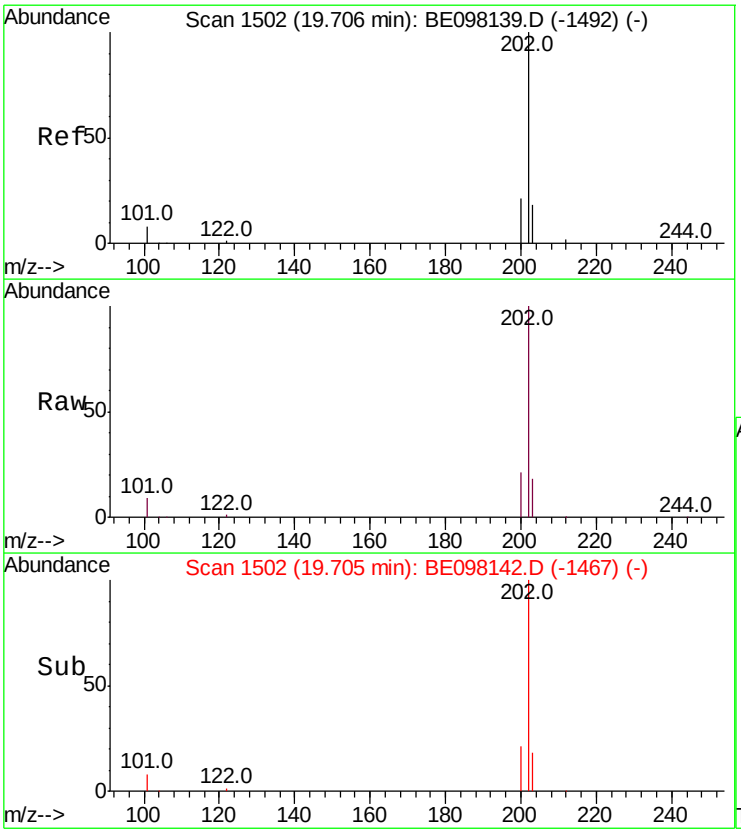
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 9380

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.1	10.7
236	27.4	21.3	31.9

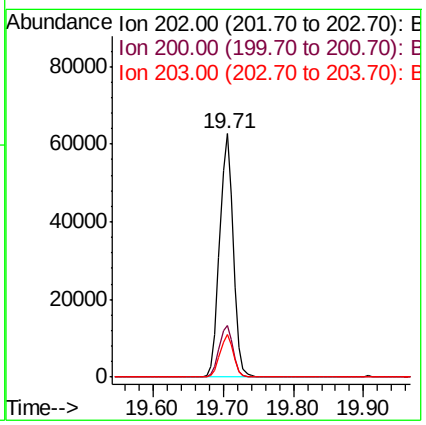


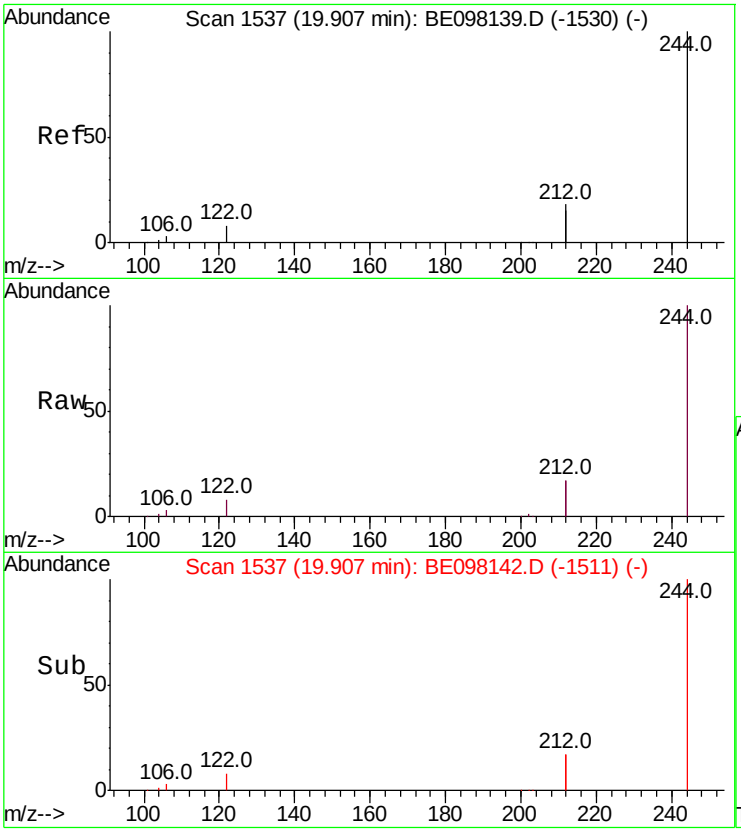


#28
Pyrene
Concen: 3.228 ng
RT: 19.71 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:202 Resp: 83611

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.4	14.2	21.4



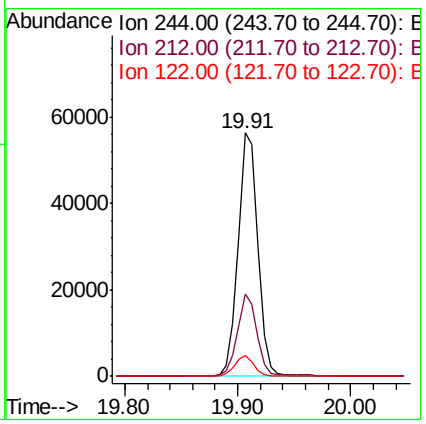


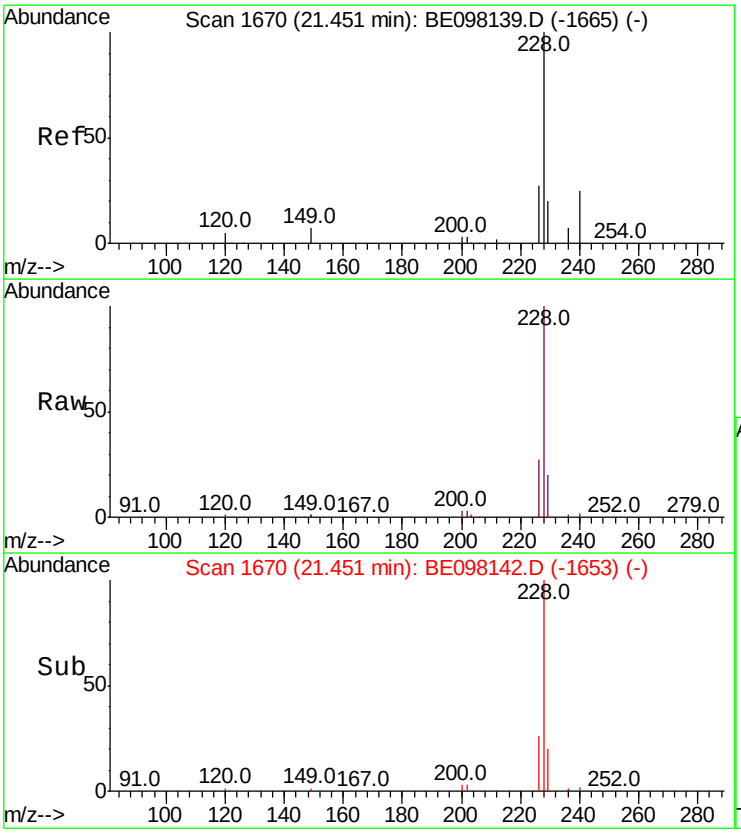
#29
Terphenyl-d14
Concen: 3.121 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 68974

Ion	Ratio	Lower	Upper
244	100		
212	33.8	26.2	39.2
122	8.5	7.7	11.5

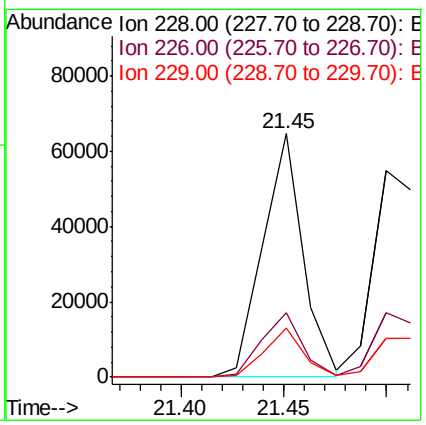


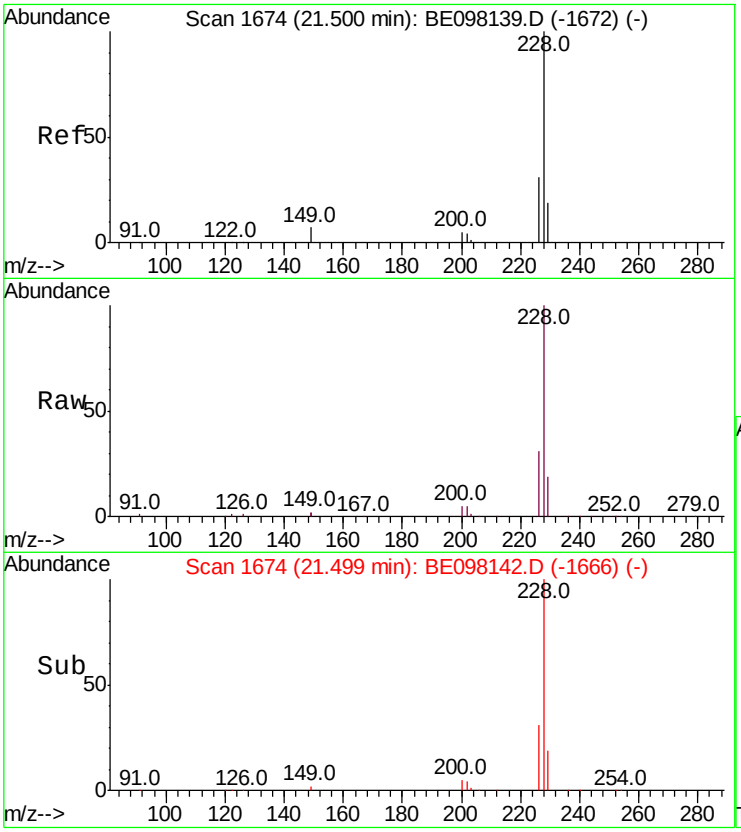


#30
Benzo(a)anthracene
Concen: 3.188 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:228 Resp: 88356

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	33.8
229	20.0	16.9	25.3



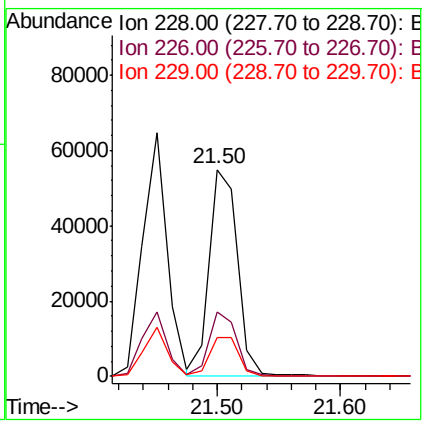


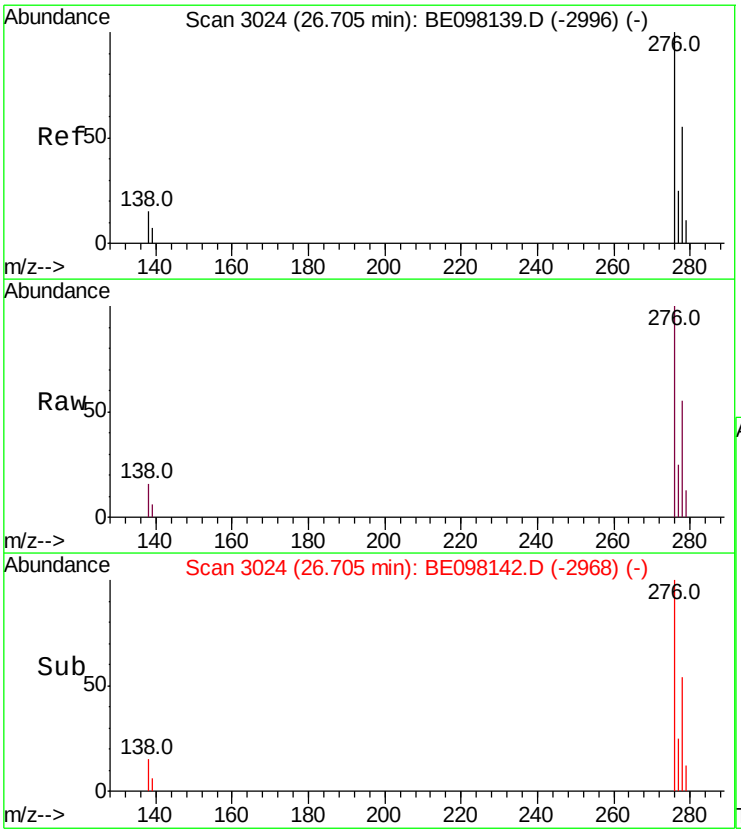
#31
Chrysene
Concen: 3.246 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 87402

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.3	36.5
229	19.1	17.3	25.9

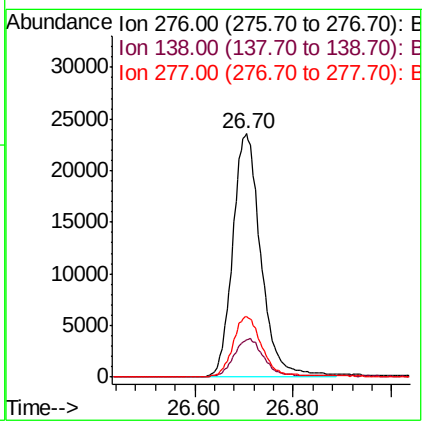


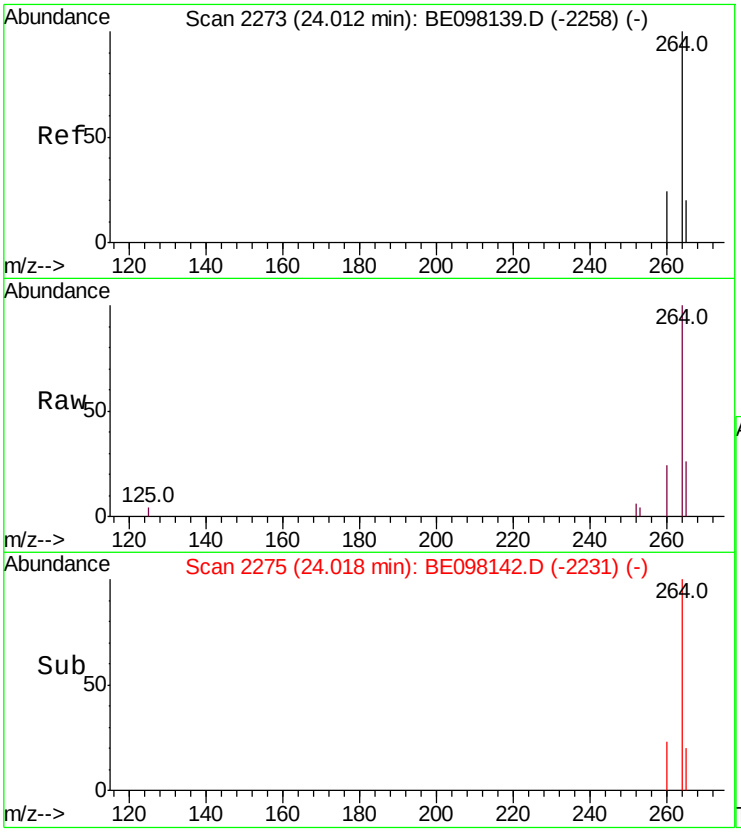


#33
Indeno(1,2,3-cd)pyrene
Concen: 3.175 ng
RT: 26.70 min Scan# 3024
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:276 Resp: 93411

Ion	Ratio	Lower	Upper
276	100		
138	16.3	17.0	25.6#
277	25.0	20.5	30.7



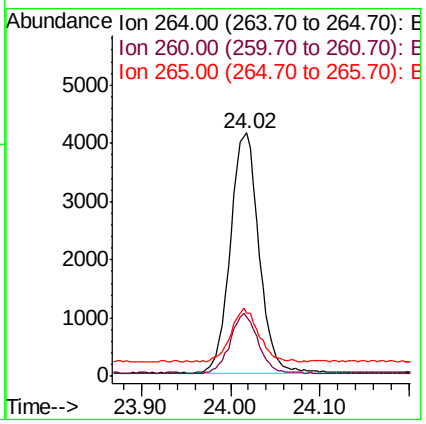


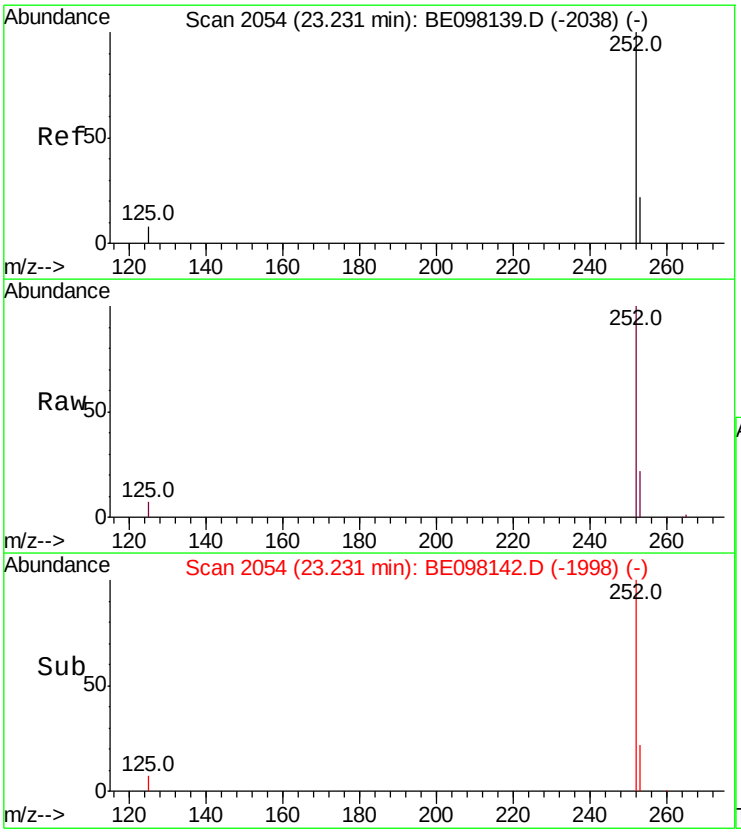
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 9184

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.1	31.7
265	26.1	29.2	43.8#

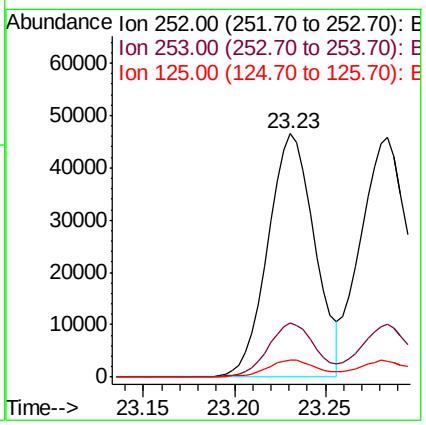


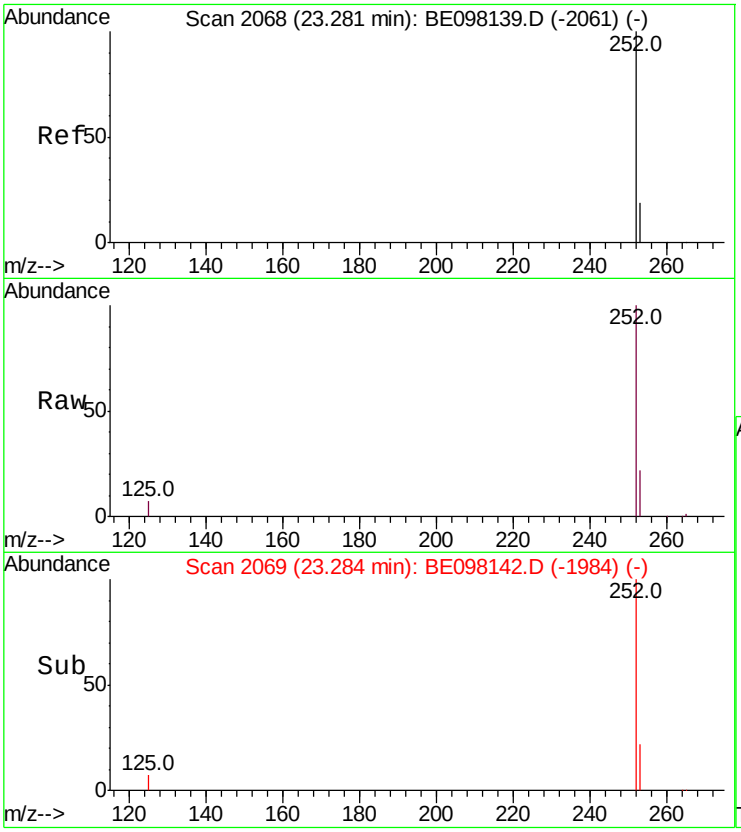


#35
Benzo(b)fluoranthene
Concen: 3.234 ng
RT: 23.23 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:252 Resp: 82480

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.6	31.0
125	6.9	14.3	21.5#



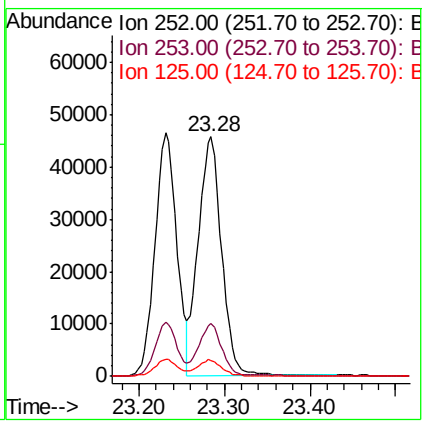


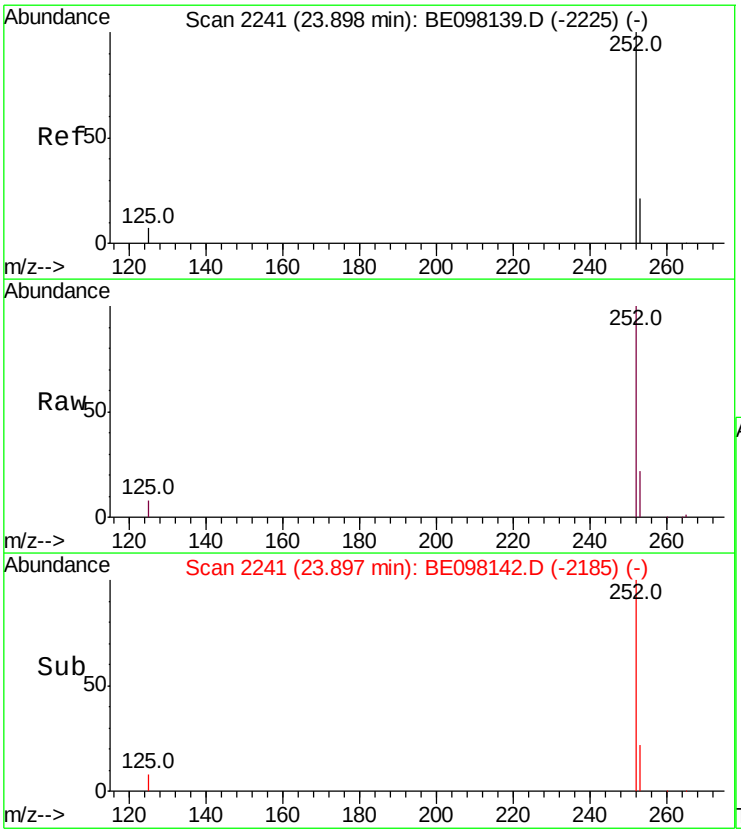
#36
Benzo(k)fluoranthene
Concen: 3.274 ng
RT: 23.28 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 86810

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.4	30.6
125	6.8	14.6	21.8#

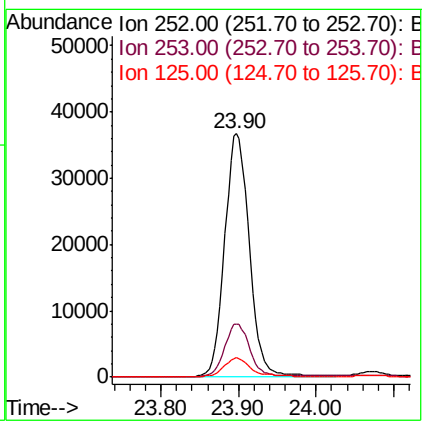


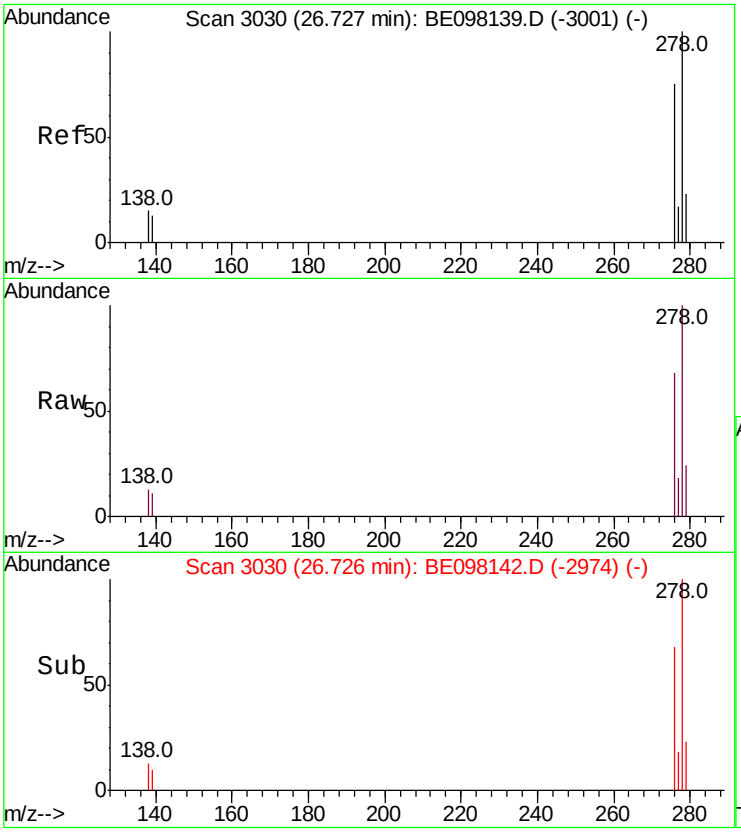


#37
Benzo(a)pyrene
Concen: 3.218 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:252 Resp: 80672

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.6	31.0
125	7.9	15.6	23.4#



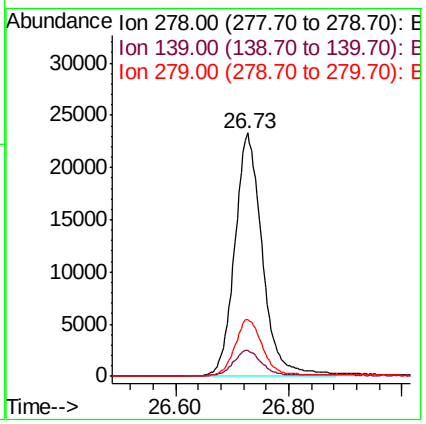


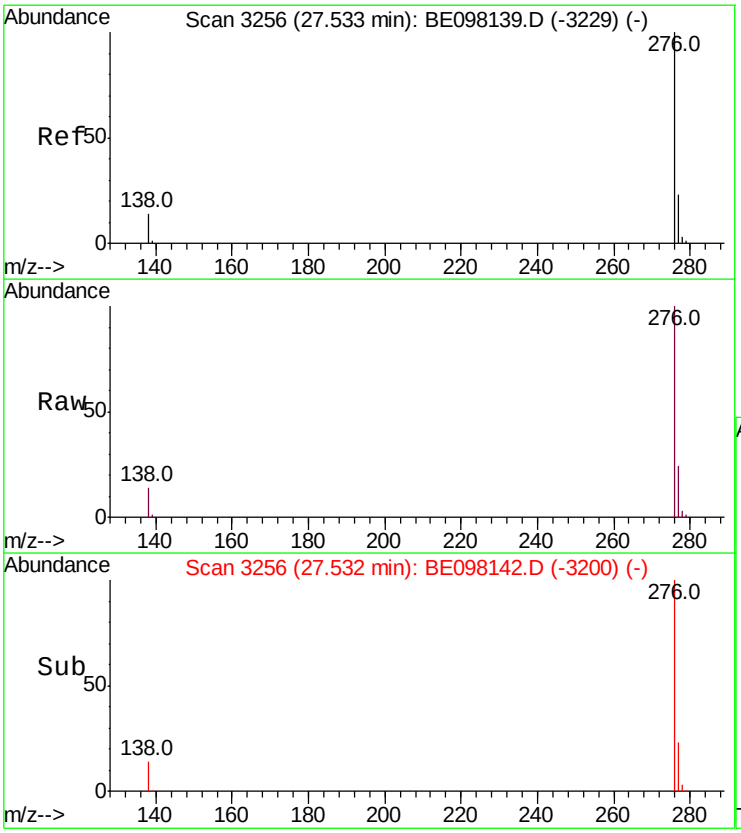
#38
Dibenzo(a,h)anthracene
Concen: 3.204 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 78263

Ion	Ratio	Lower	Upper
278	100		
139	10.8	16.3	24.5#
279	23.6	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 3.162 ng
RT: 27.53 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BE098142.D
Acq: 1 Nov 2018 12:22

Tgt Ion:276 Resp: 76580

Ion	Ratio	Lower	Upper
276	100		
277	23.8	22.1	33.1
138	14.3	19.3	28.9#