Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098197.D
Acq On : 12 Nov 2018 19:27
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Nov 13 03:50:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1231	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	5901	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	3992	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	9510	0.40	ng		0.00
27) Chrysene-d12	21.46	240	11235	0.40	ng		0.00
34) Perylene-d12	24.01	264	10499	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1366	0.39	ng		0.00
5) Phenol-d6	7.04	99	2198	0.39	ng		0.00
8) Nitrobenzene-d5	9.02	82	2358	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	4068	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	630	0.36	ng		0.01
15) 2-Fluorobiphenyl	13.16	172	6224	0.37	ng		0.01
25) Fluoranthene-d10	19.31	212	44660	0.38	ng		0.00
29) Terphenyl-d14	19.91	244	9285	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	764	0.413	ng		96
3) n-Nitrosodimethylamine	3.69	42	936	0.387	ng	#	89
6) bis(2-Chloroethyl)ether	7.29	93	1666	0.370	ng		97
9) Naphthalene	10.72	128	23525	0.392	ng		99
10) Hexachlorobutadiene	11.00	225	1501	0.402	ng		96
12) 2-Methylnaphthalene	12.34	142	4169	0.400	ng		95
16) Acenaphthylene	14.25	152	7126	0.389	ng		99
17) Acenaphthene	14.60	154	4423	0.396	ng		98
18) Fluorene	15.58	166	5647	0.395	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	2222	0.383	ng		93
21) Hexachlorobenzene	16.59	284	2299	0.381	ng		97
22) Pentachlorophenol	16.94	266	480	0.437	ng		96
23) Phenanthrene	17.31	178	9113	0.385	ng		99
24) Anthracene	17.41	178	8403	0.381	ng		98
26) Fluoranthene	19.34	202	11046	0.377	ng		99
28) Pyrene	19.70	202	11510	0.372	ng		99
30) Benzo(a)anthracene	21.45	228	11847	0.371	ng		99
31) Chrysene	21.50	228	11973	0.369	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	25666	0.387	ng		99
33) Indeno(1,2,3-cd)pyrene	26.71	276	11137	0.375	ng	#	89
35) Benzo(b)fluoranthene	23.23	252	11133	0.374	ng		99
36) Benzo(k)fluoranthene	23.28	252	12325	0.392	ng		99
37) Benzo(a)pyrene	23.90	252	10846	0.380	ng		98
38) Dibenzo(a,h)anthracene	26.72	278	9695	0.398	ng		98
39) Benzo(g,h,i)perylene	27.53	276	9510	0.374	ng		97

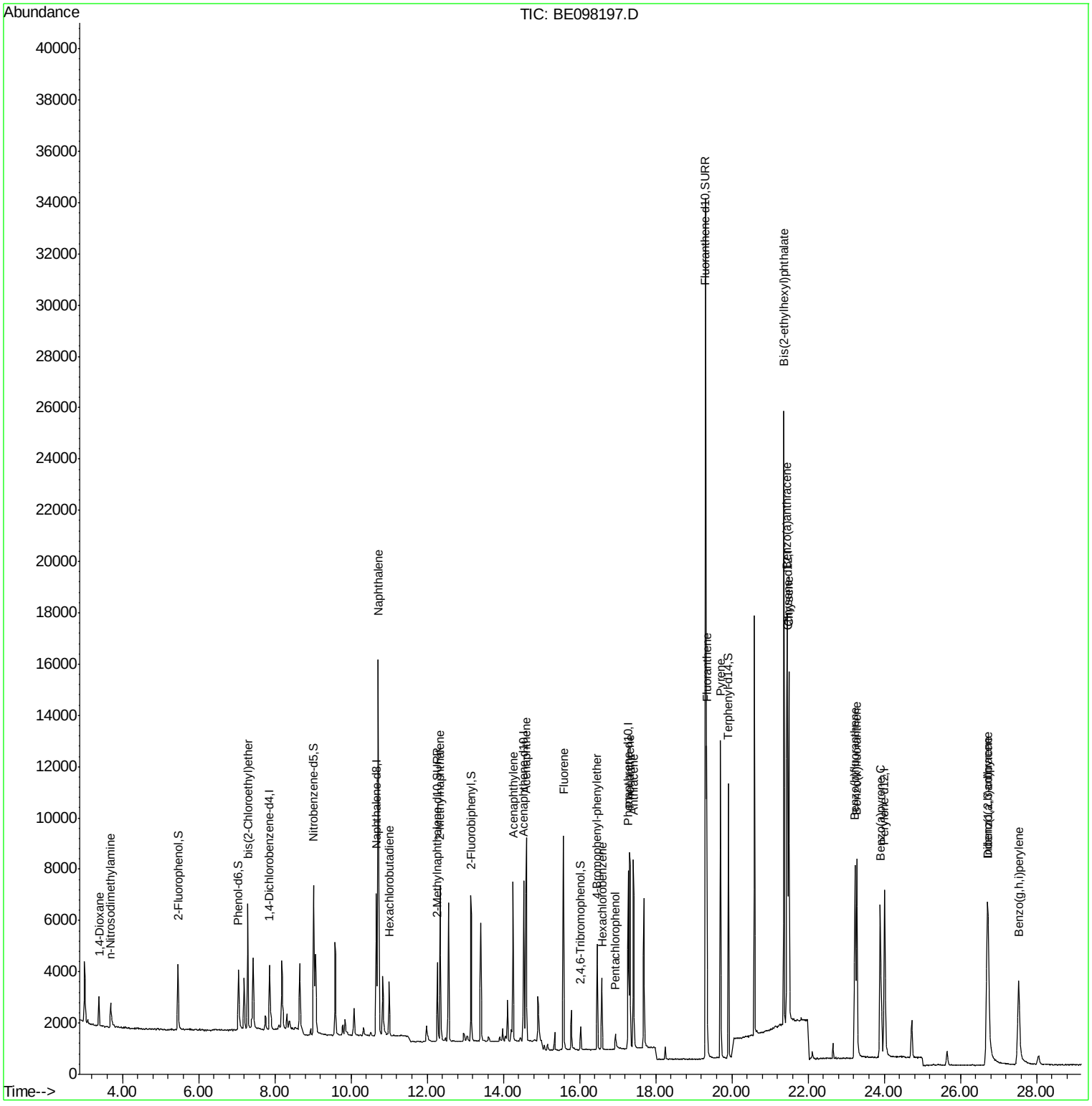
(#) = qualifier out of range (m) = manual integration (+) = signals summed

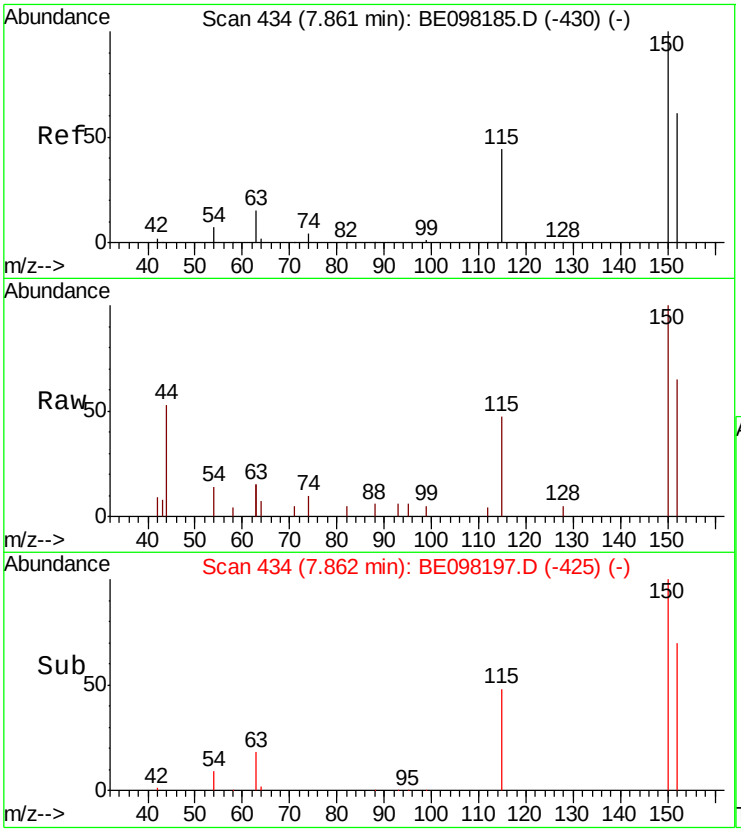
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098197.D
Acq On : 12 Nov 2018 19:27
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 13 03:50:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration



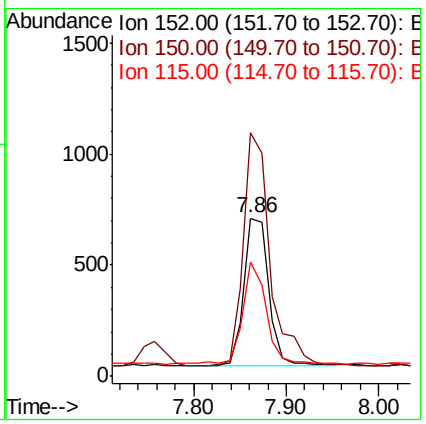


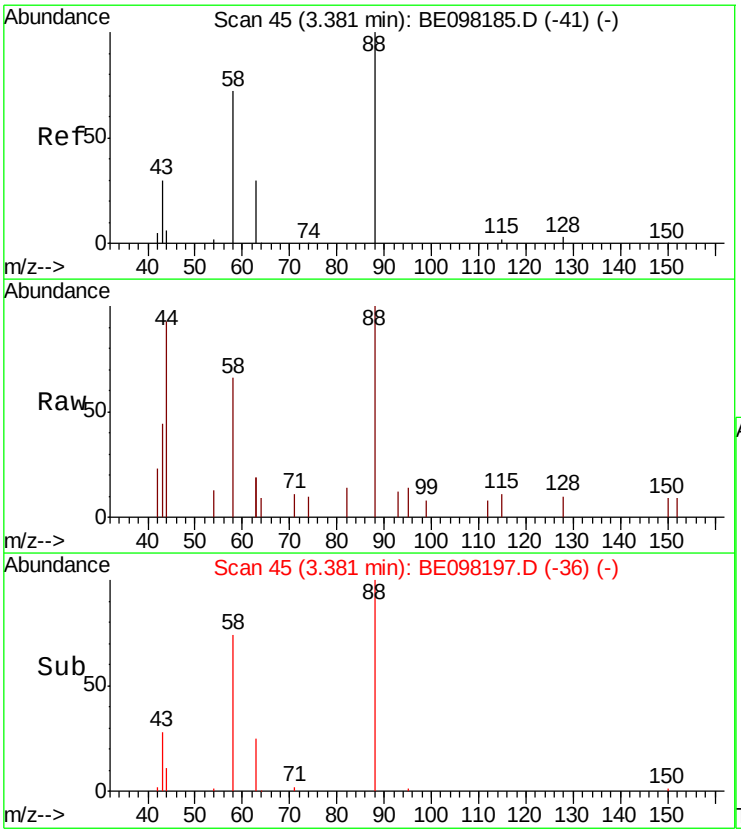
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1231

Ion	Ratio	Lower	Upper
152	100		
150	153.8	127.5	191.3
115	71.9	60.3	90.5

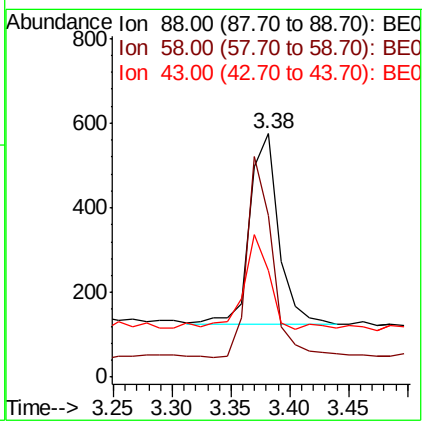


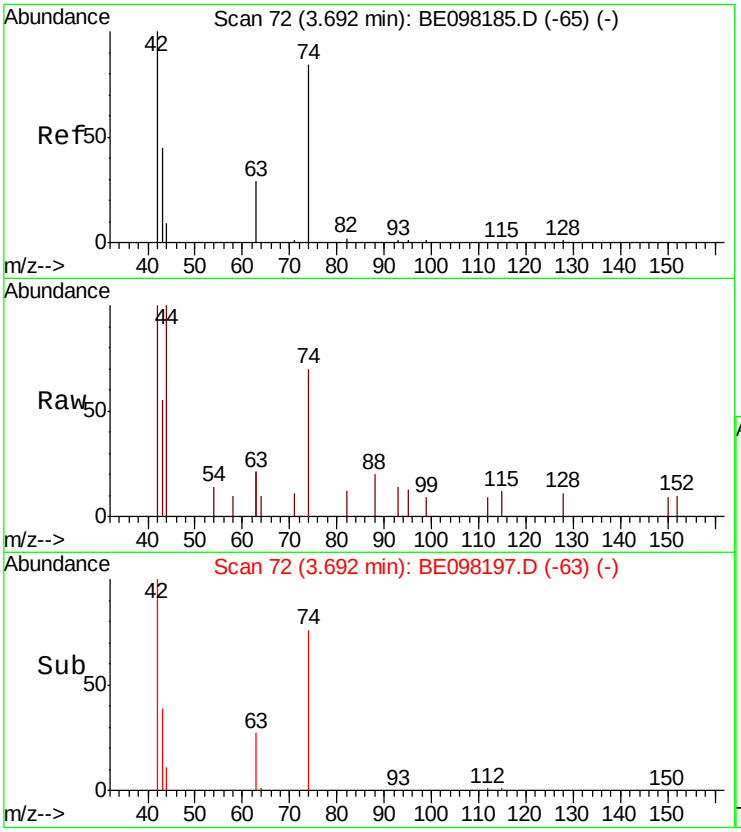


#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion: 88 Resp: 764

Ion	Ratio	Lower	Upper
88	100		
58	93.5	79.0	118.4
43	46.7	38.1	57.1



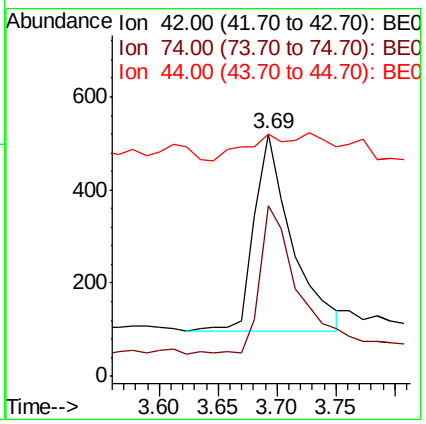


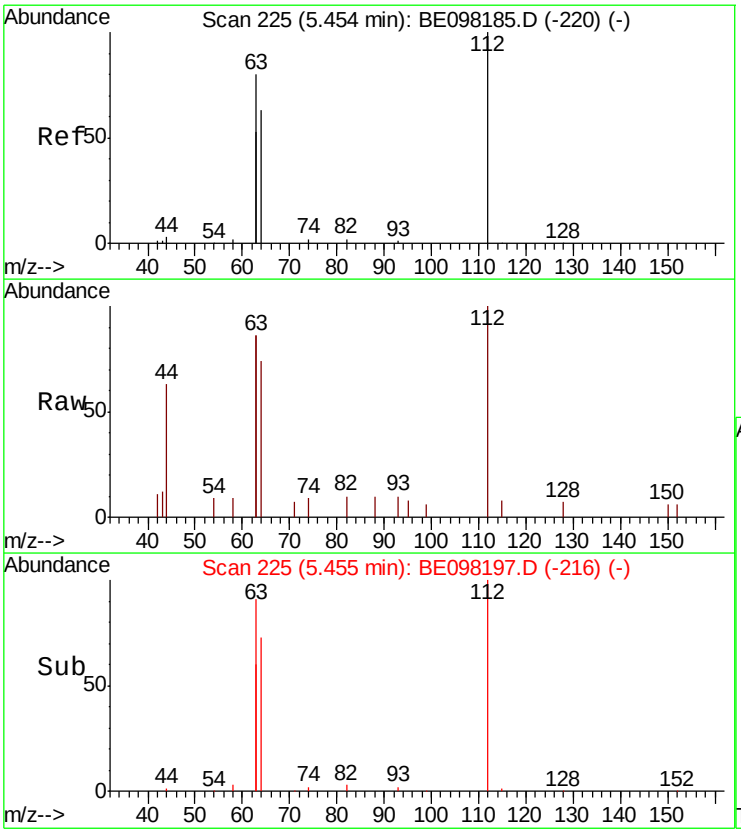
#3
n-Nitrosodimethylamine
Concen: 0.387 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 936

Ion	Ratio	Lower	Upper
42	100		
74	73.7	61.7	92.5
44	0.0	14.0	21.0#

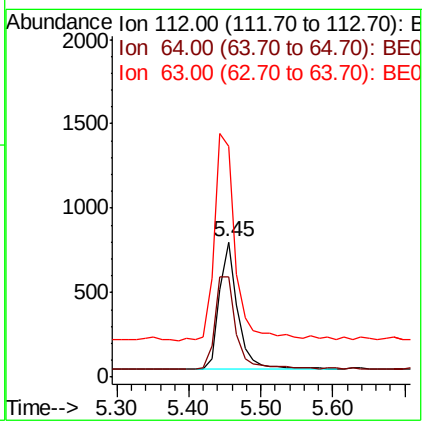


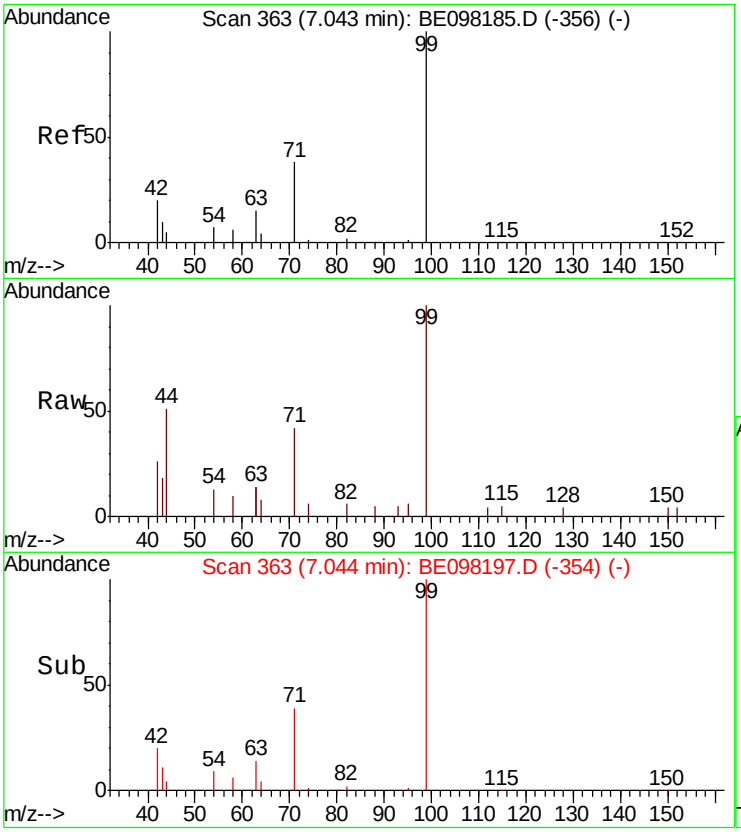


#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:112 Resp: 1366

Ion	Ratio	Lower	Upper
112	100		
64	84.5	61.7	92.5
63	178.8	136.2	204.2



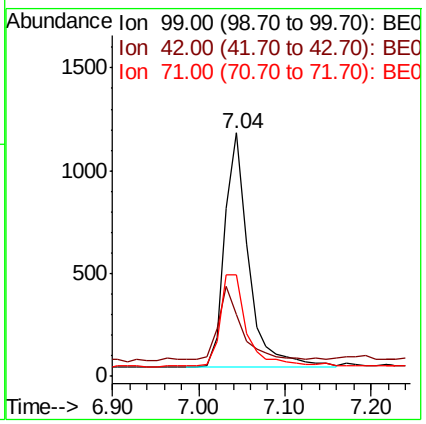


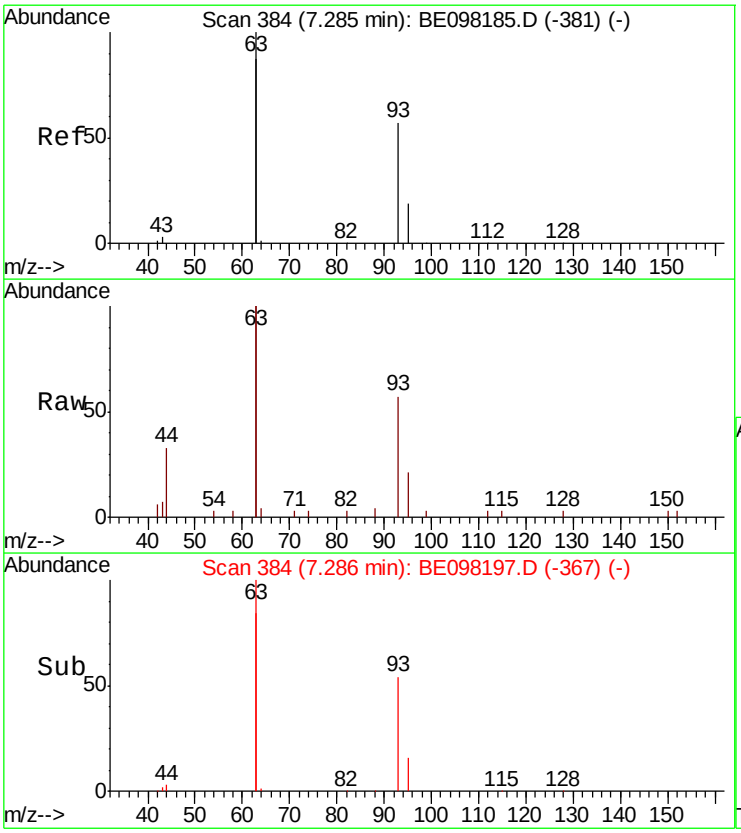
#5
Phenol-d6
Concen: 0.394 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2198

Ion	Ratio	Lower	Upper
99	100		
42	30.0	27.1	40.7
71	43.3	37.0	55.6

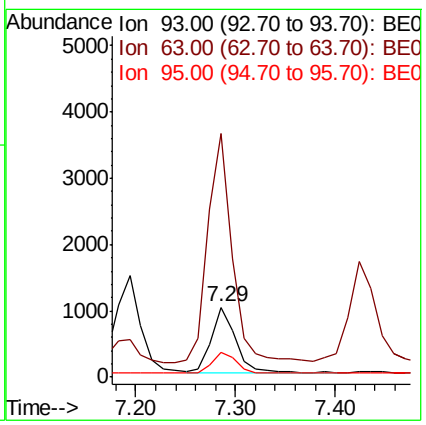


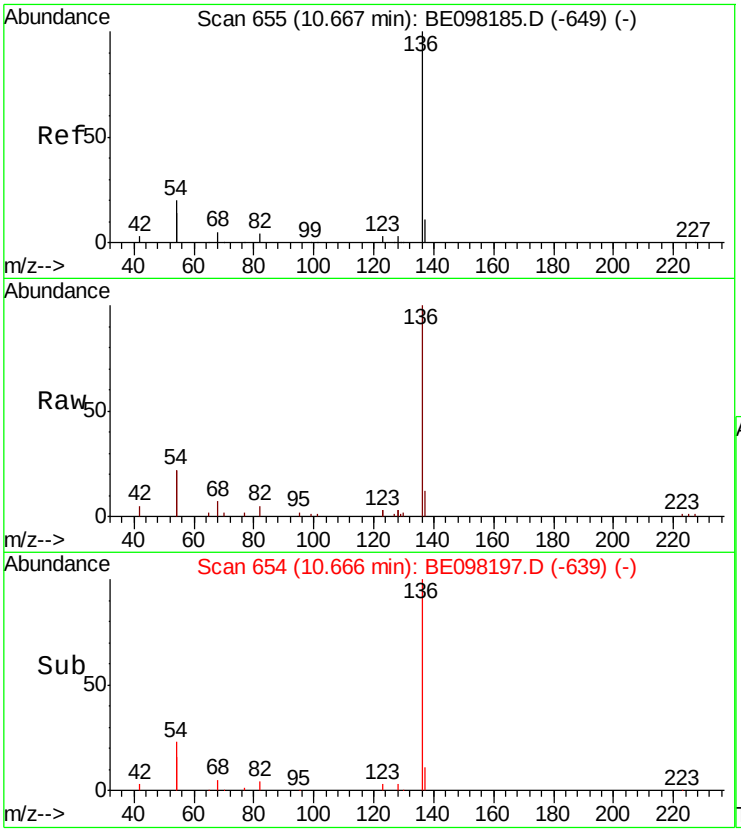


#6
bis(2-Chloroethyl)ether
Concen: 0.370 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion: 93 Resp: 1666

Ion	Ratio	Lower	Upper
93	100		
63	347.6	272.6	409.0
95	34.2	27.1	40.7



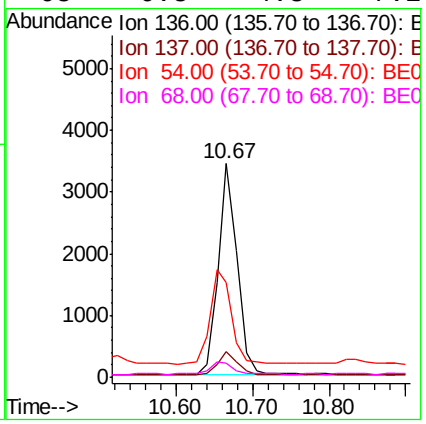


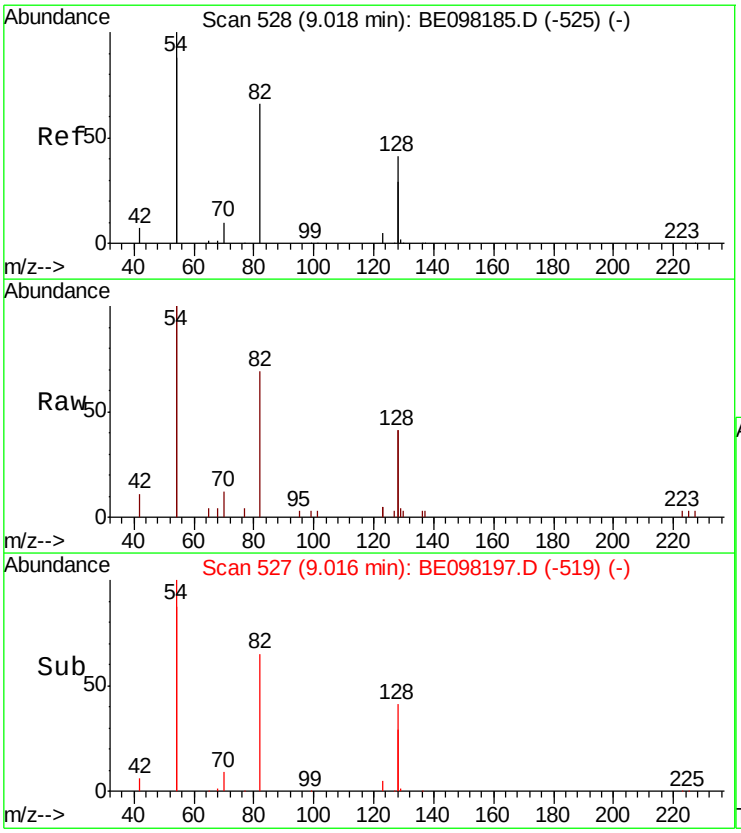
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5901

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	44.4	31.3	46.9
68	6.8	4.8	7.2

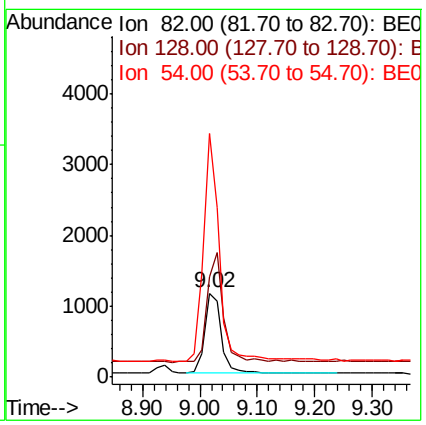


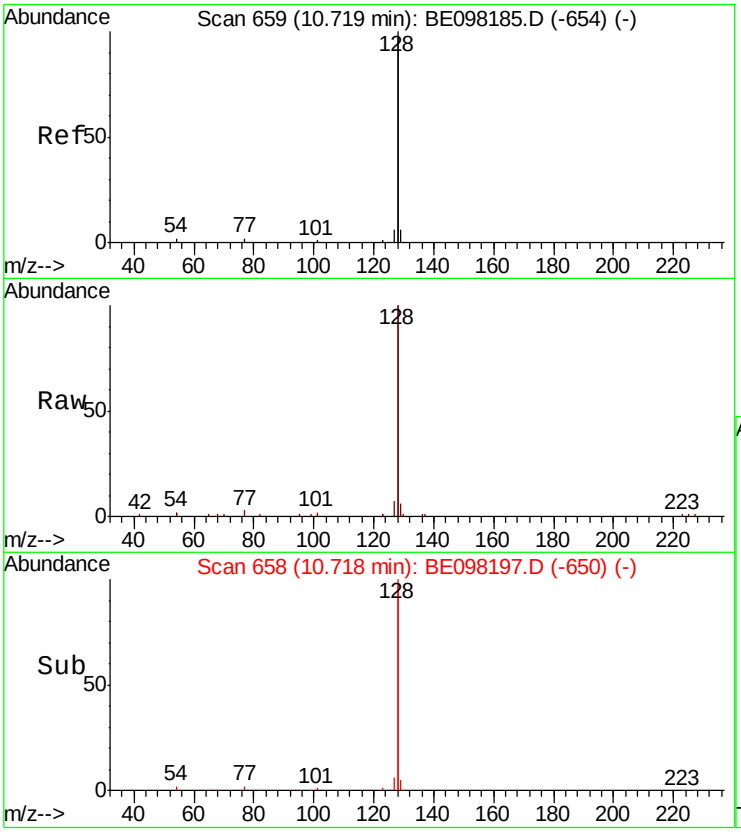


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion: 82 Resp: 2358

Ion	Ratio	Lower	Upper
82	100		
128	119.7	96.1	144.1
54	290.1	232.0	348.0



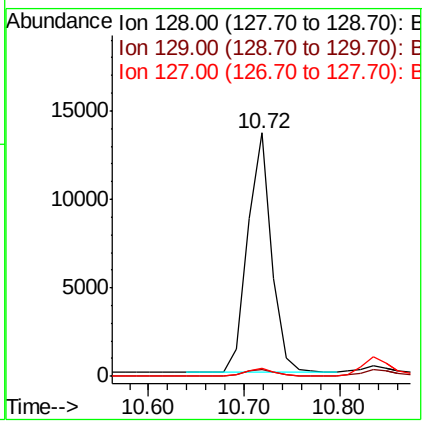


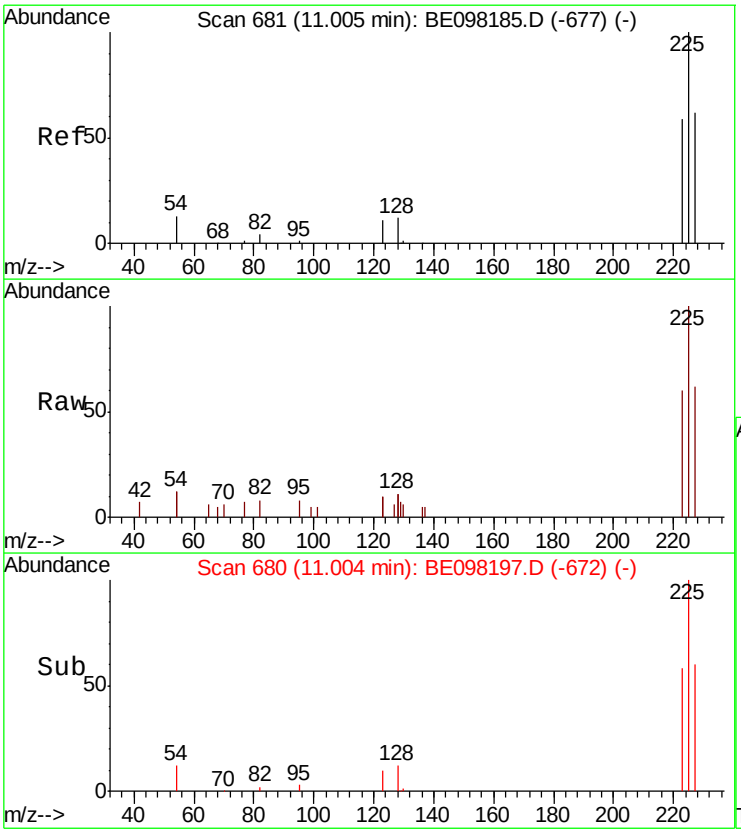
#9
Naphthalene
Concen: 0.392 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 23525

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	4.0
127	3.5	2.8	4.2

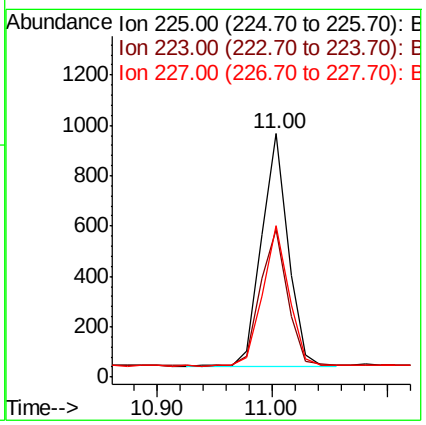


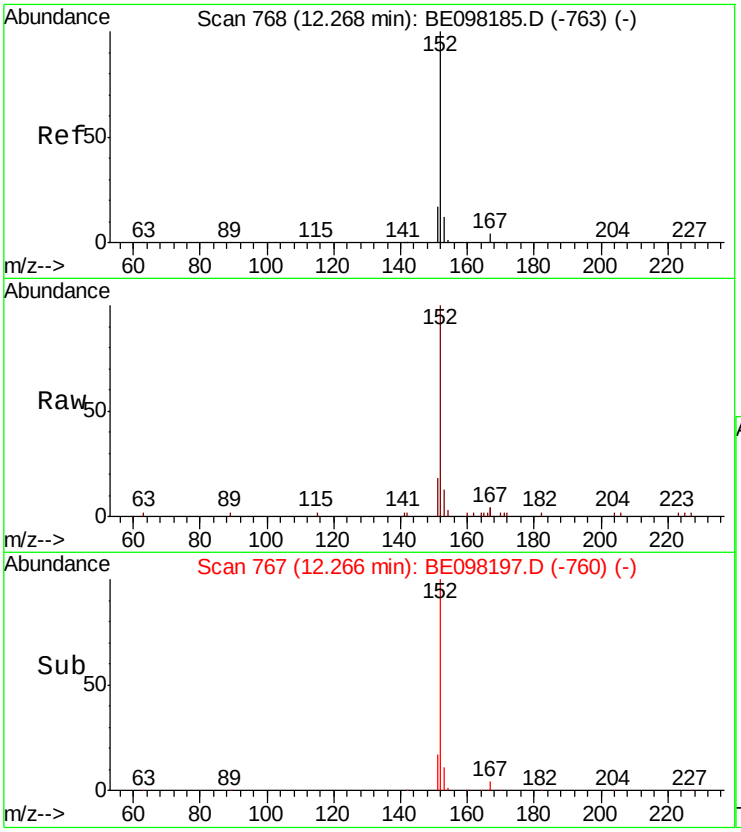


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:225 Resp: 1501

Ion	Ratio	Lower	Upper
225	100		
223	60.2	50.5	75.7
227	59.8	50.3	75.5



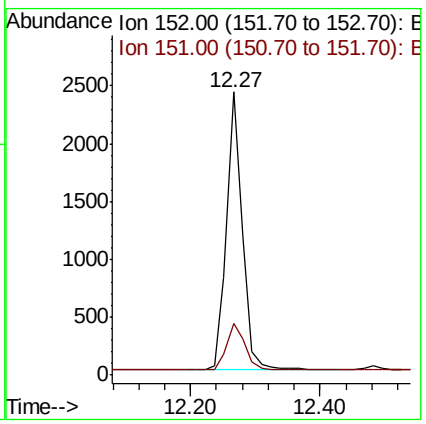


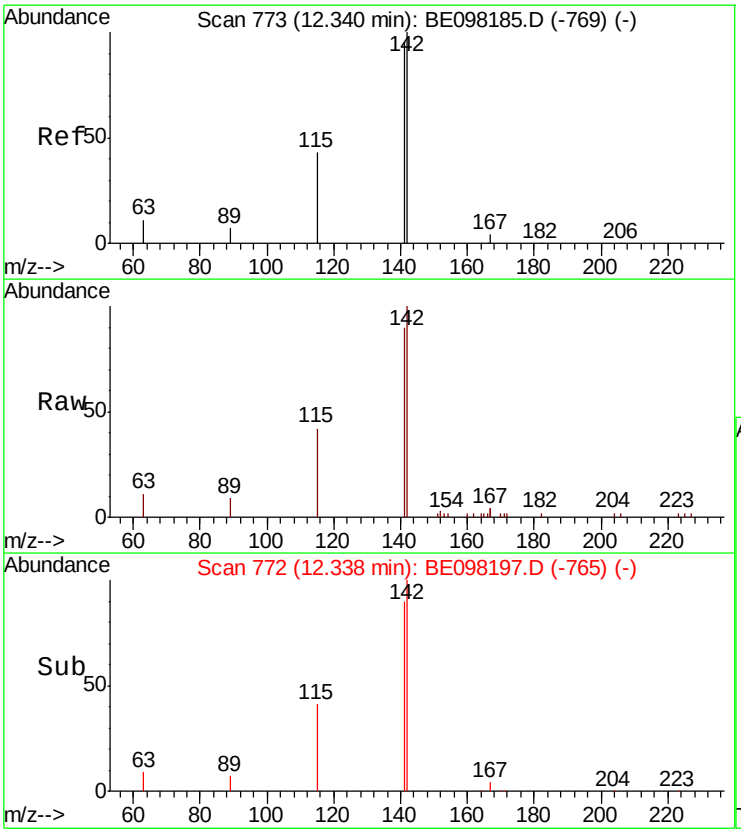
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4068

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

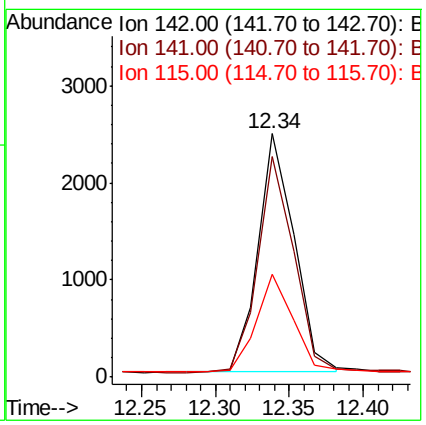


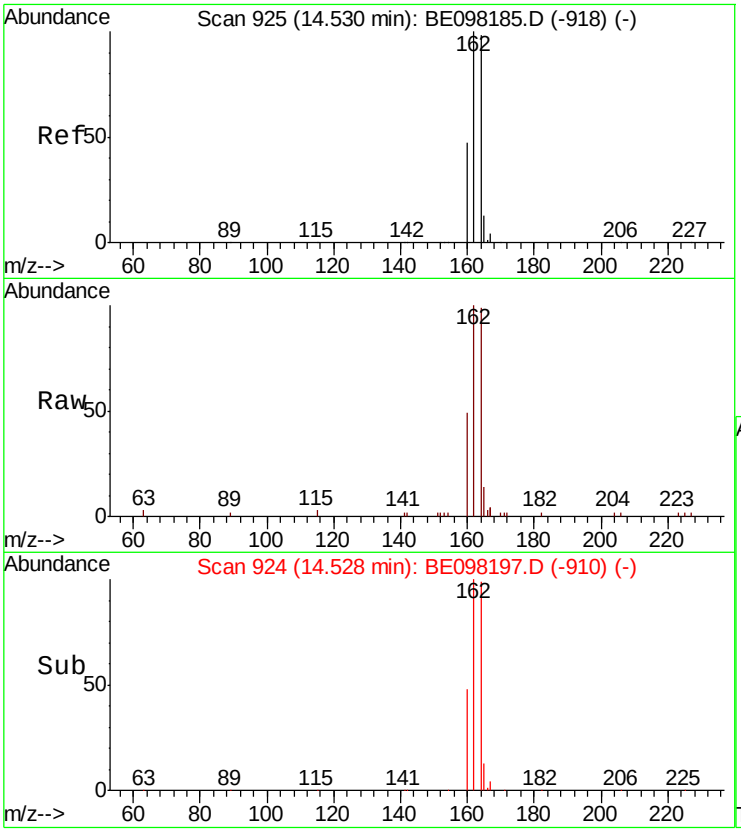


#12
2-Methylnaphthalene
Concen: 0.400 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:142 Resp: 4169

Ion	Ratio	Lower	Upper
142	100		
141	90.4	76.3	114.5
115	42.4	35.8	53.8



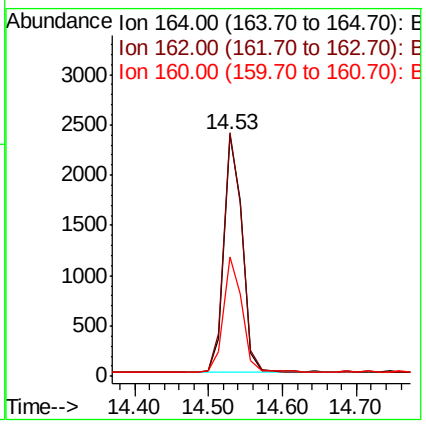


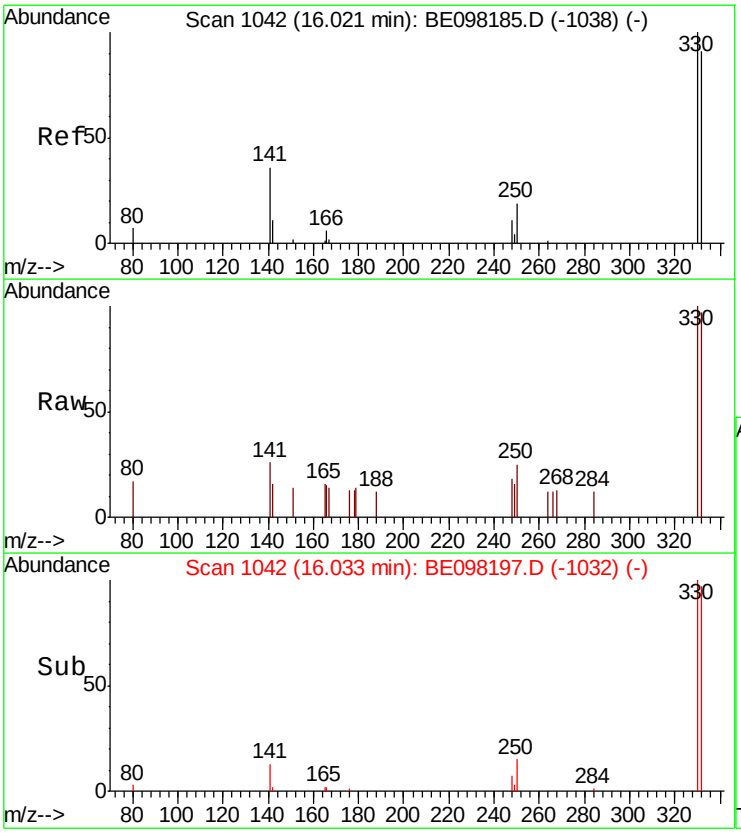
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3992

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	49.6	39.4	59.0

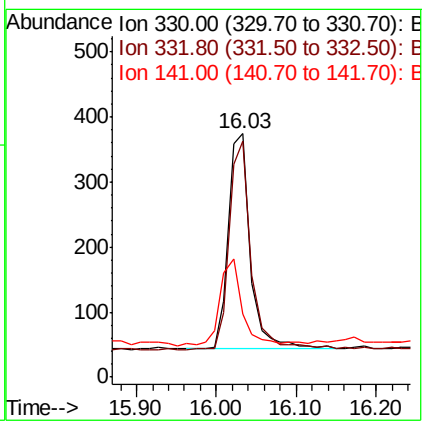


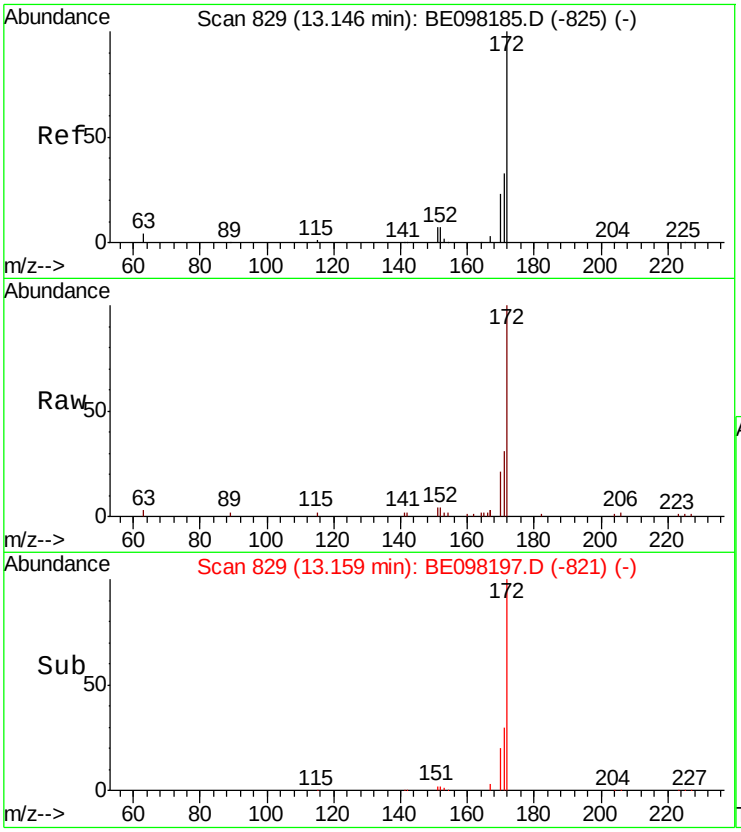


#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:330 Resp: 630

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	40.0	33.6	50.4



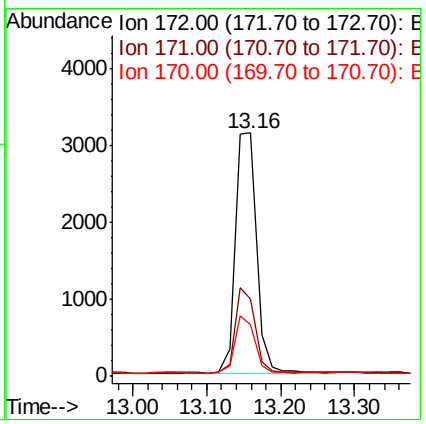


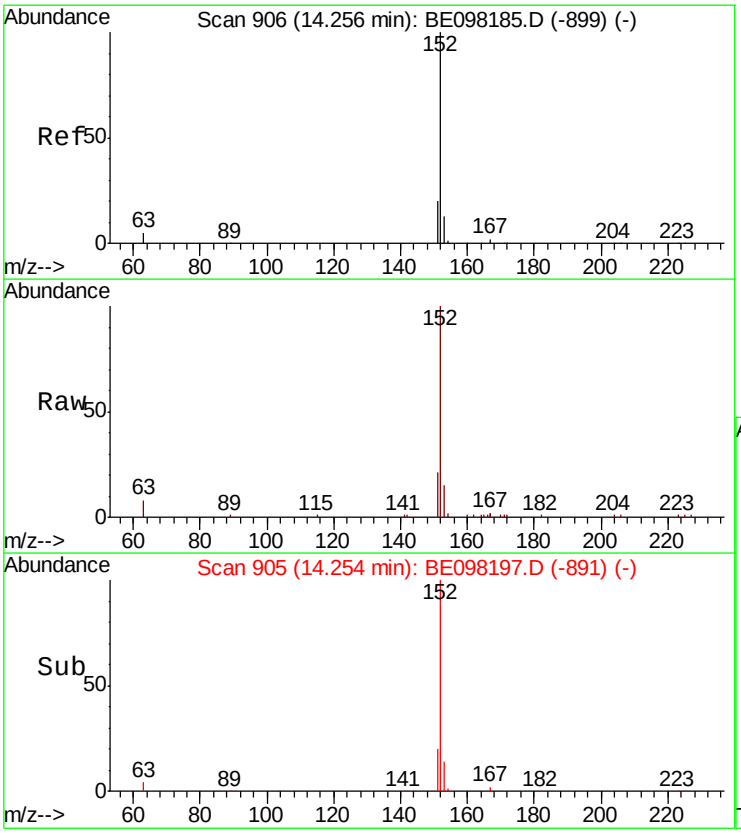
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6224

Ion	Ratio	Lower	Upper
172	100		
171	31.5	27.3	40.9
170	21.2	19.4	29.0

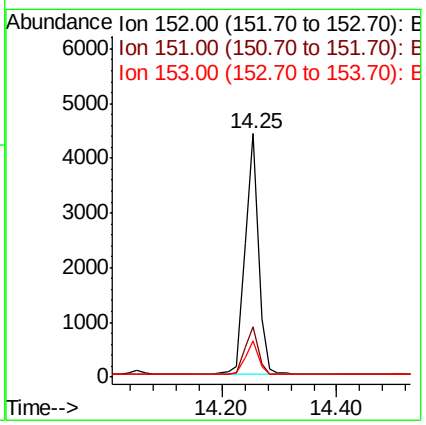


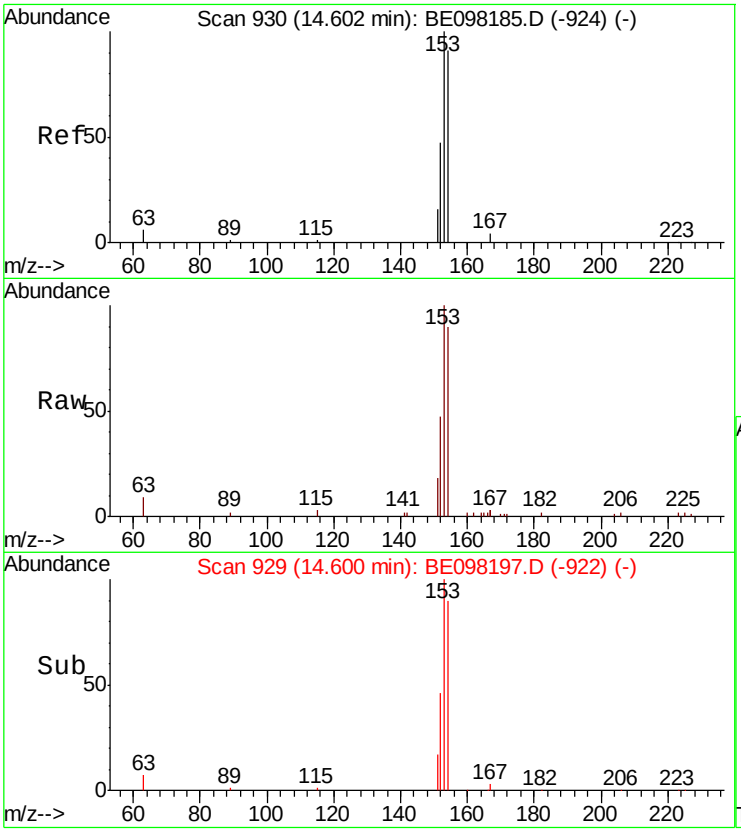


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:152 Resp: 7126

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.4	24.6
153	13.8	10.6	15.8



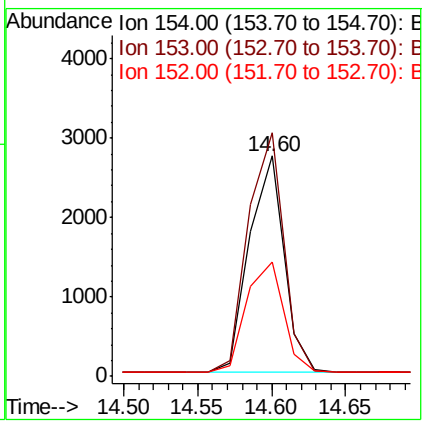


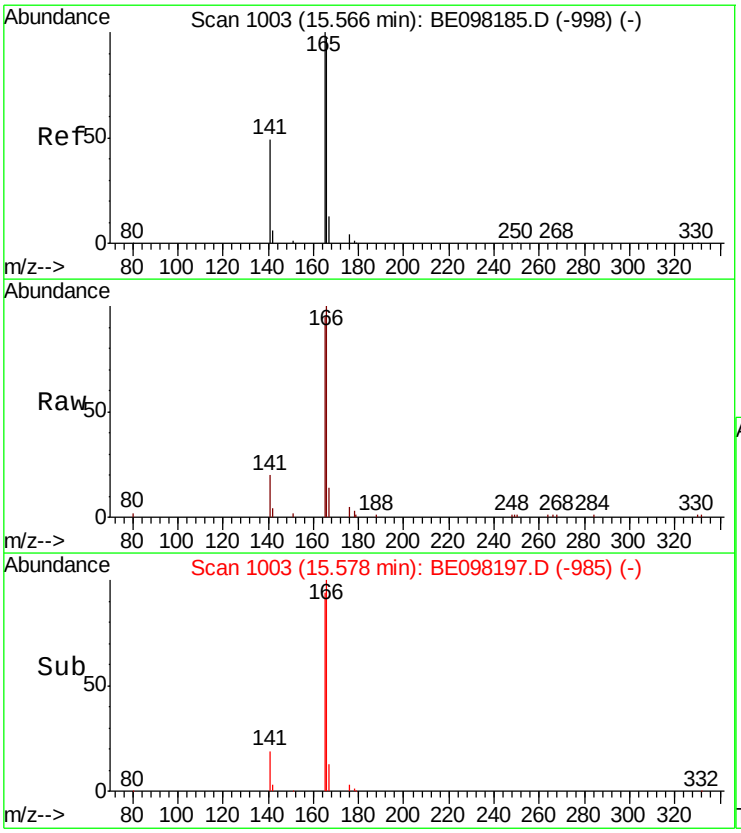
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4423

Ion	Ratio	Lower	Upper
154	100		
153	114.0	92.1	138.1
152	55.5	46.2	69.2

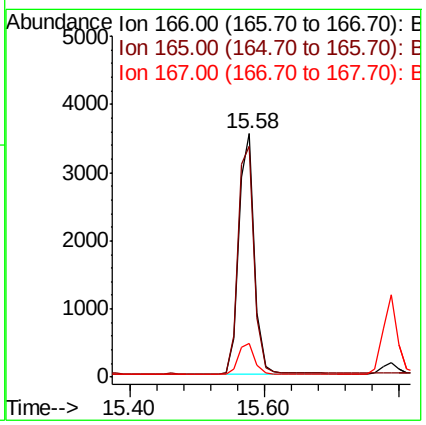


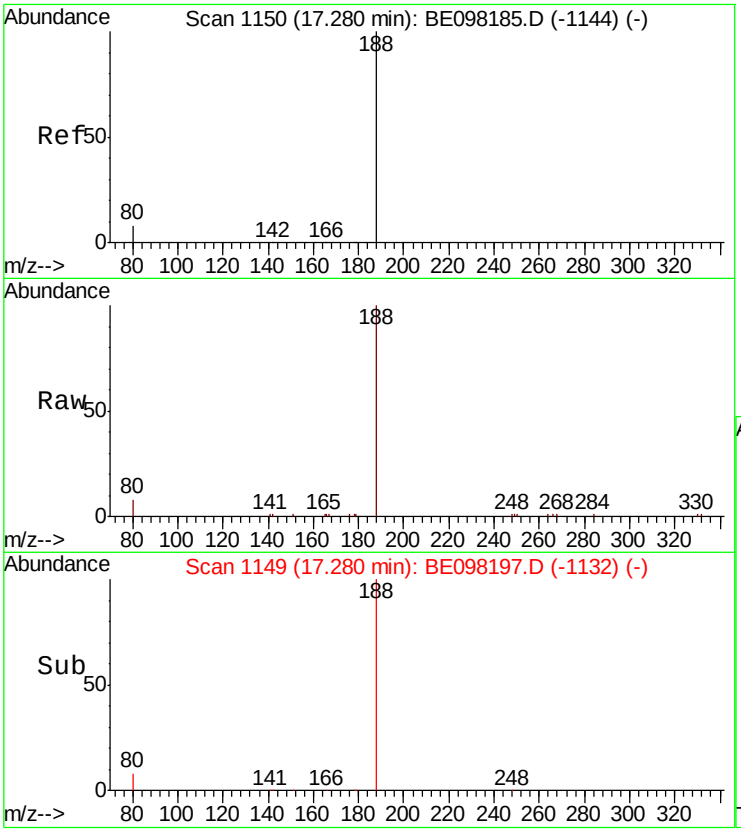


#18
Fluorene
Concen: 0.395 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:166 Resp: 5647

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.1	120.1
167	13.6	10.8	16.2



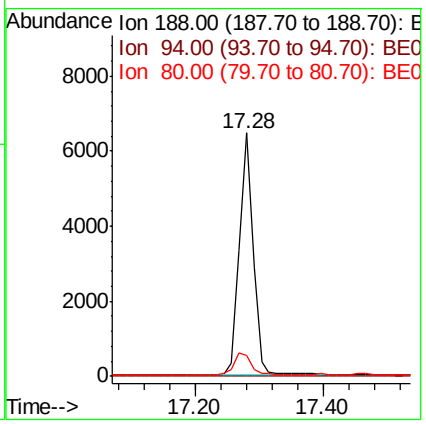


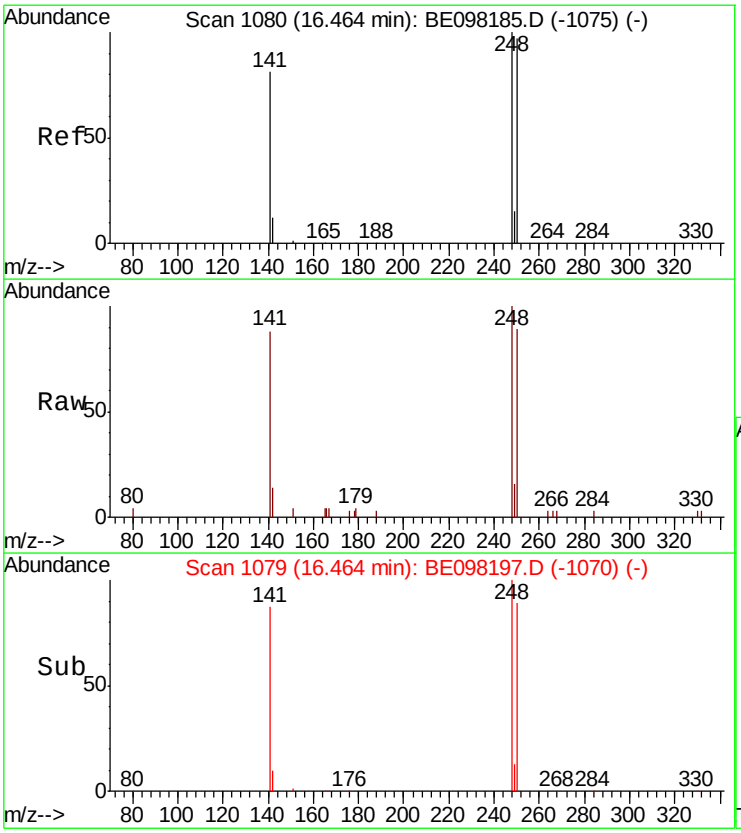
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 9510

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	6.7	10.1

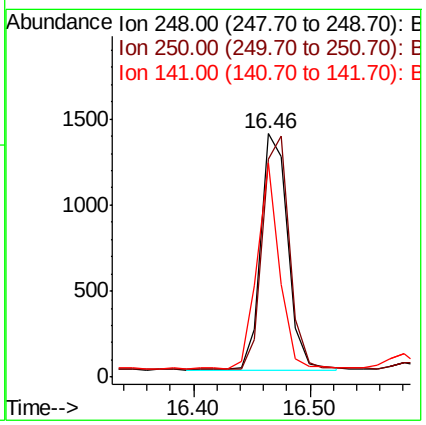


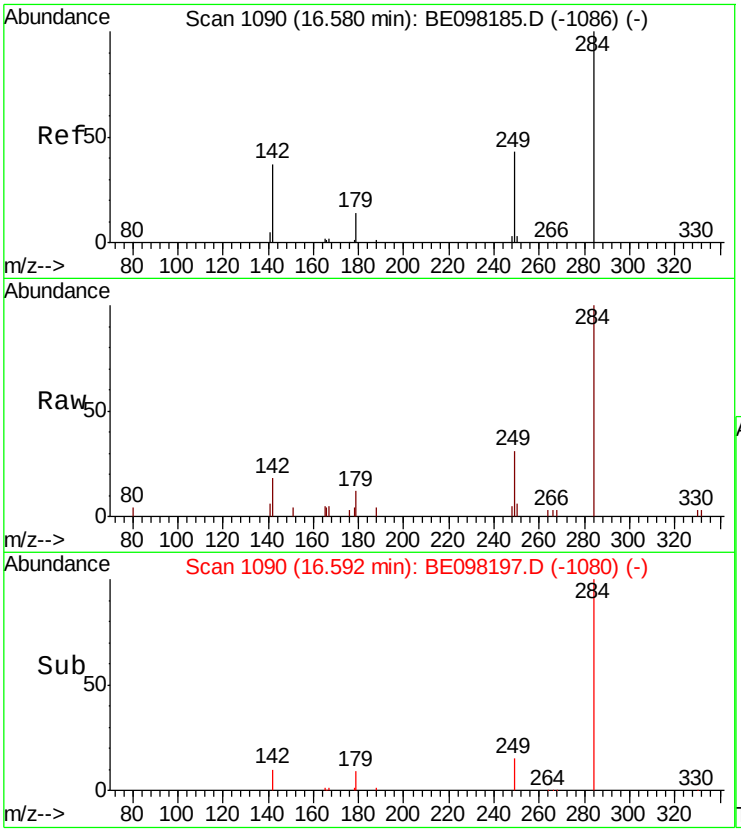


#20
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:248 Resp: 2222

Ion	Ratio	Lower	Upper
248	100		
250	89.3	77.6	116.4
141	87.9	65.8	98.8



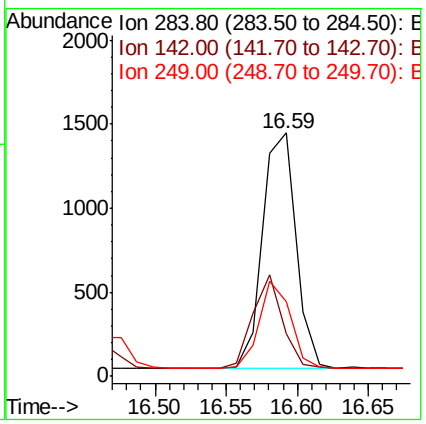


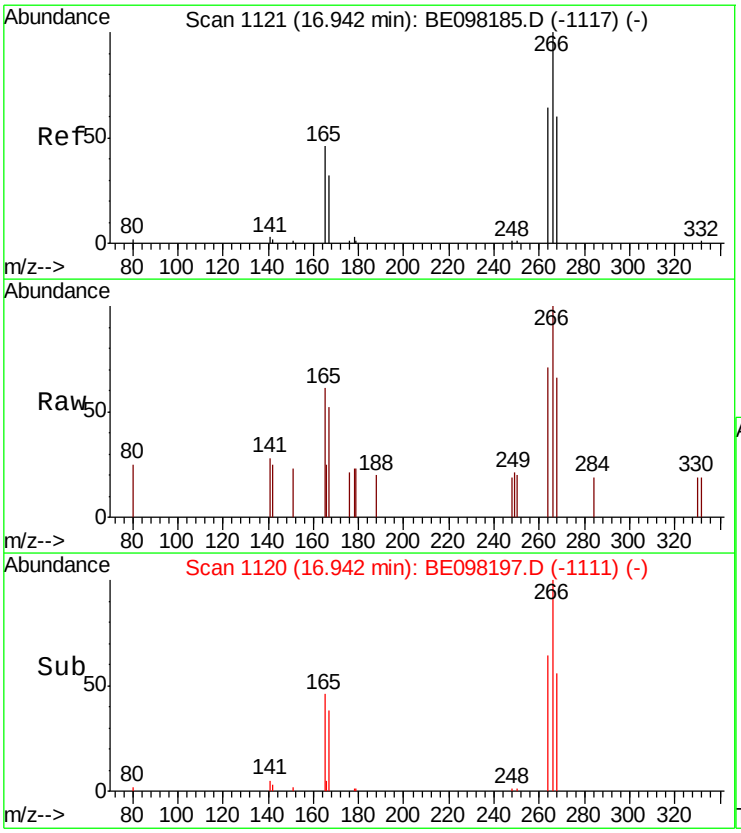
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2299

Ion	Ratio	Lower	Upper
284	100		
142	35.3	26.5	39.7
249	34.2	28.4	42.6

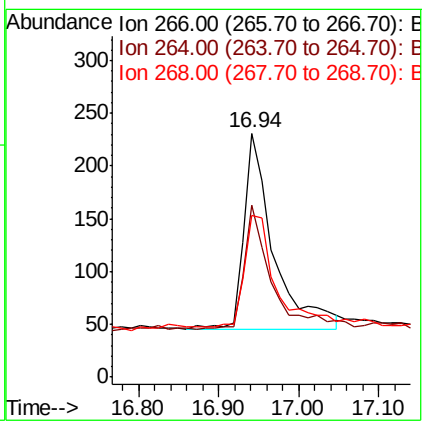


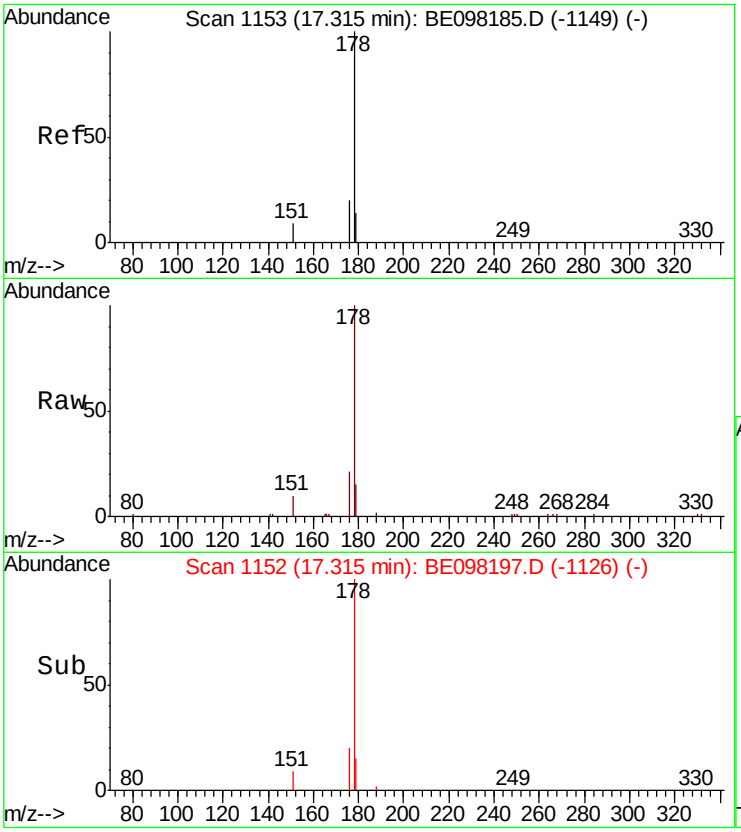


#22
Pentachlorophenol
Concen: 0.437 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:266 Resp: 480

Ion	Ratio	Lower	Upper
266	100		
264	70.6	57.6	86.4
268	66.2	56.8	85.2



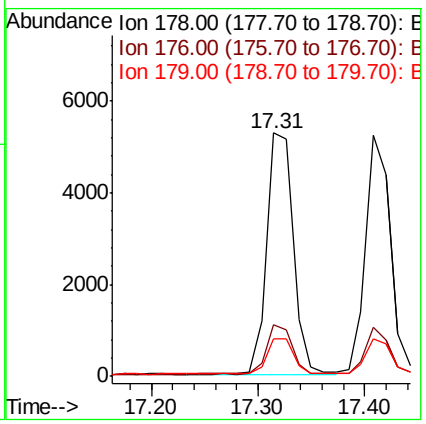


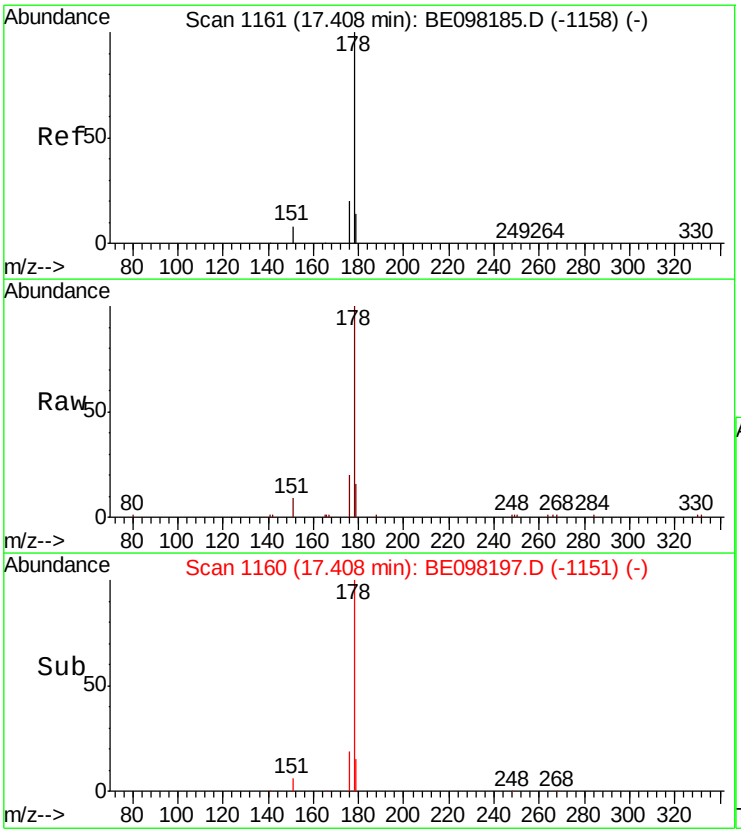
#23
Phenanthrene
Concen: 0.385 ng
RT: 17.31 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 9113

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	14.7	12.3	18.5

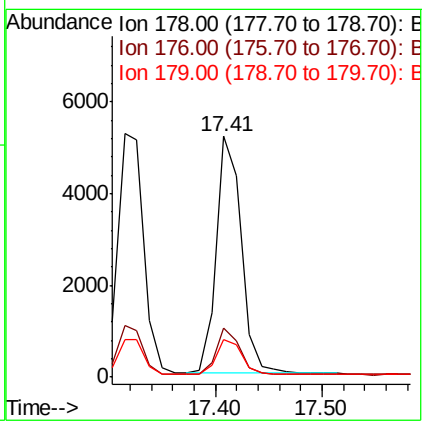


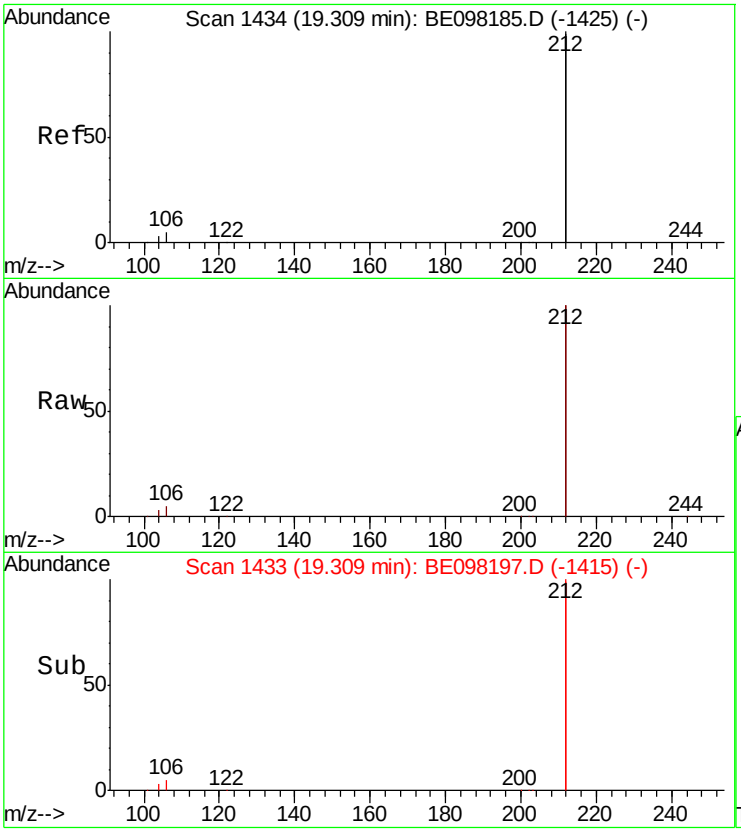


#24
Anthracene
Concen: 0.381 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:178 Resp: 8403

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	14.8	12.1	18.1



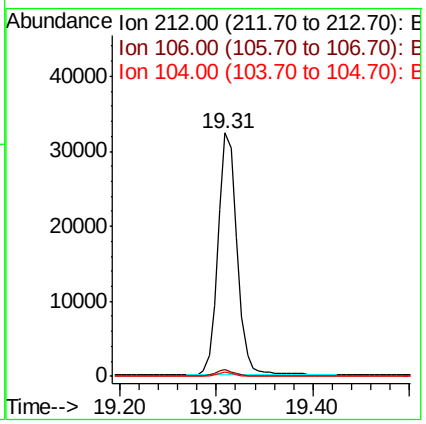


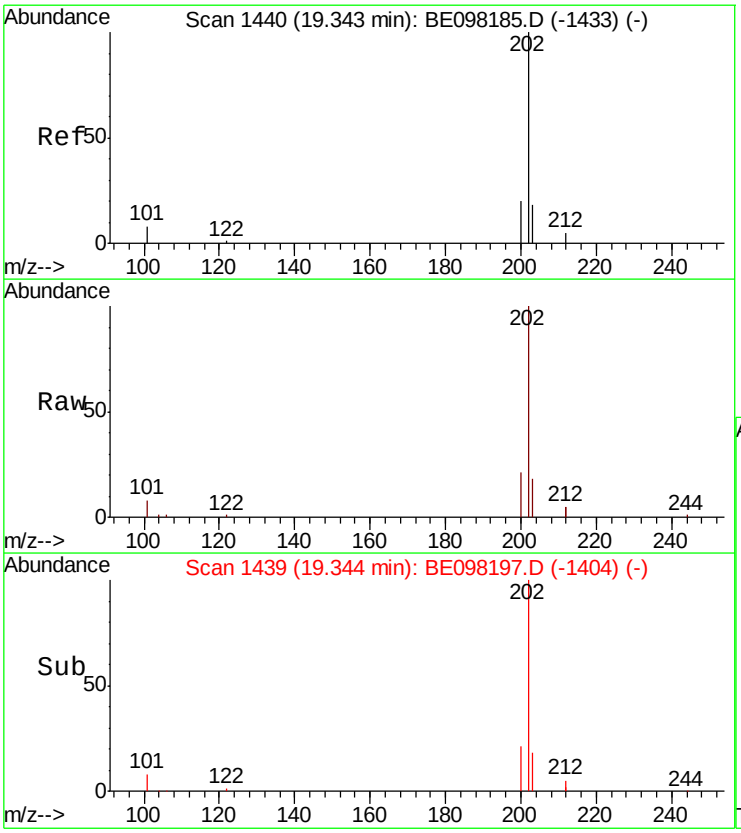
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 44660

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.1	1.7

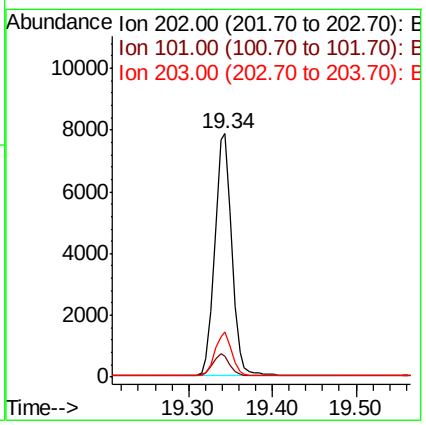


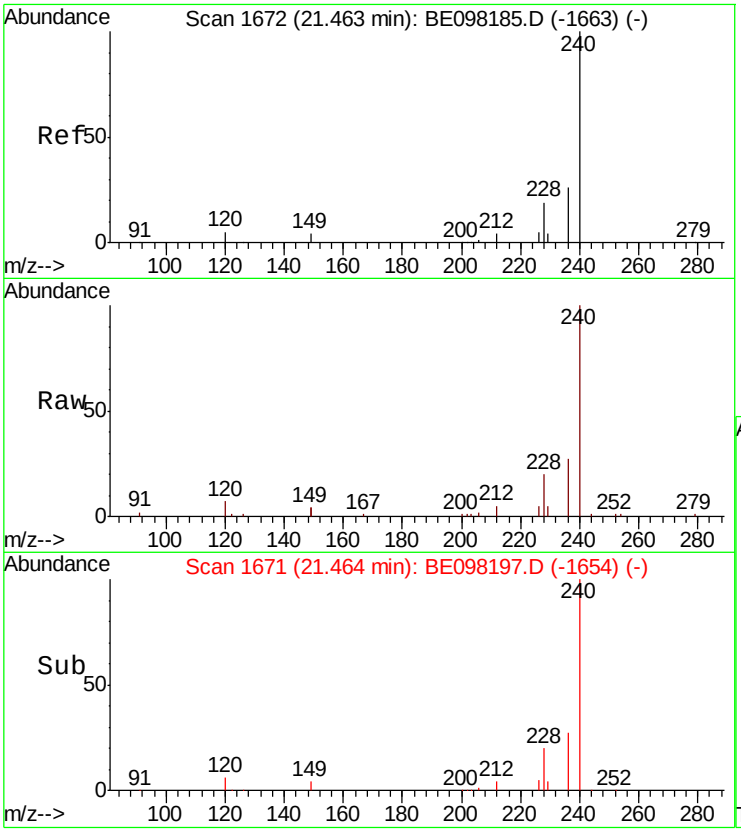


#26
Fluoranthene
Concen: 0.377 ng
RT: 19.34 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:202 Resp: 11046

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.6
203	17.5	13.7	20.5



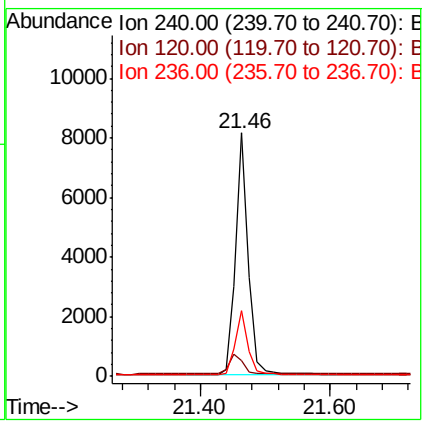


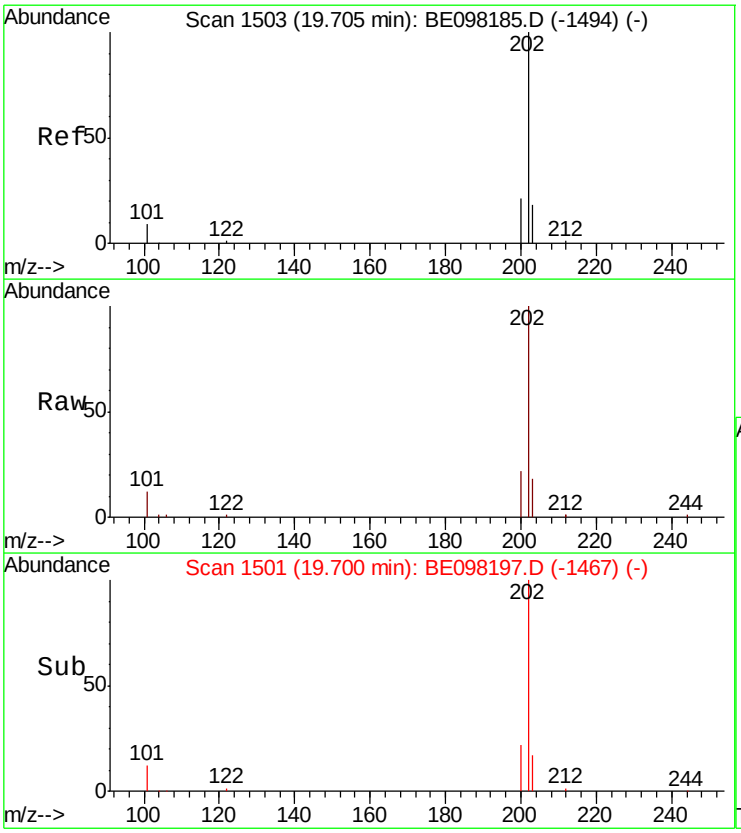
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 11235

Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.8	7.2
236	27.1	21.4	32.0

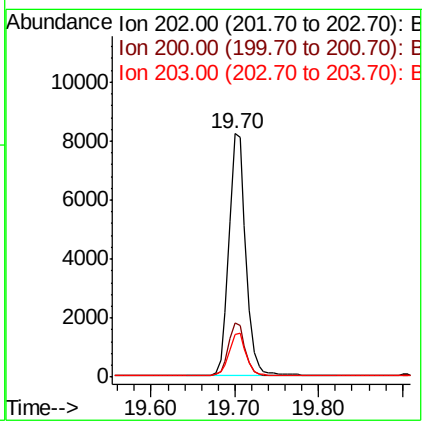


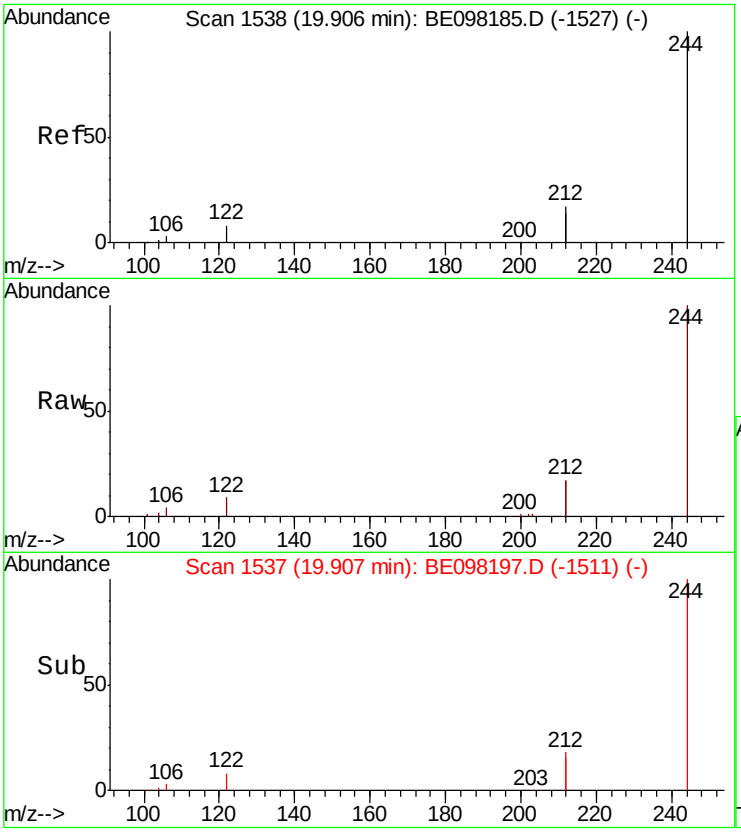


#28
Pyrene
Concen: 0.372 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:202 Resp: 11510

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	17.4	14.2	21.4



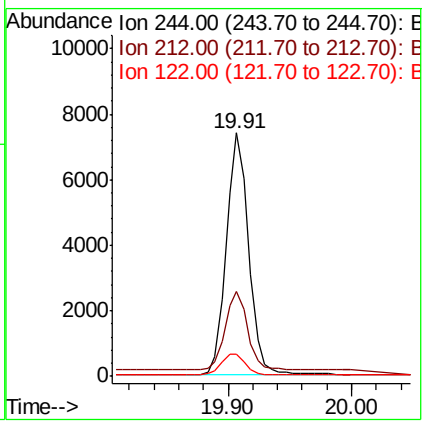


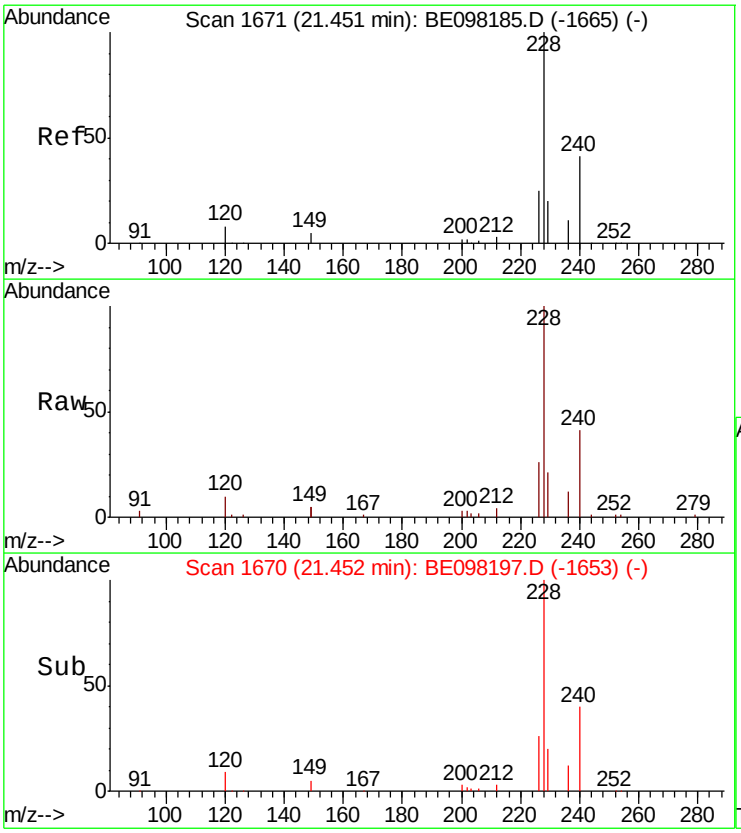
#29
Terphenyl-d14
Concen: 0.364 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 9285

Ion	Ratio	Lower	Upper
244	100		
212	34.8	26.8	40.2
122	8.9	7.0	10.6

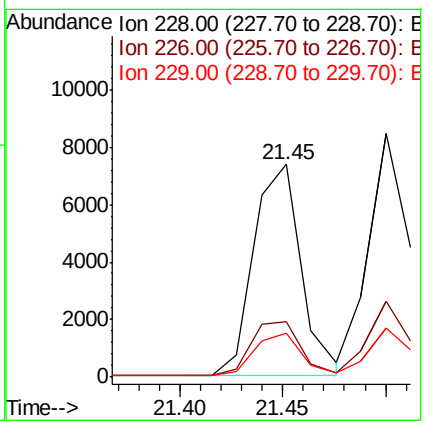


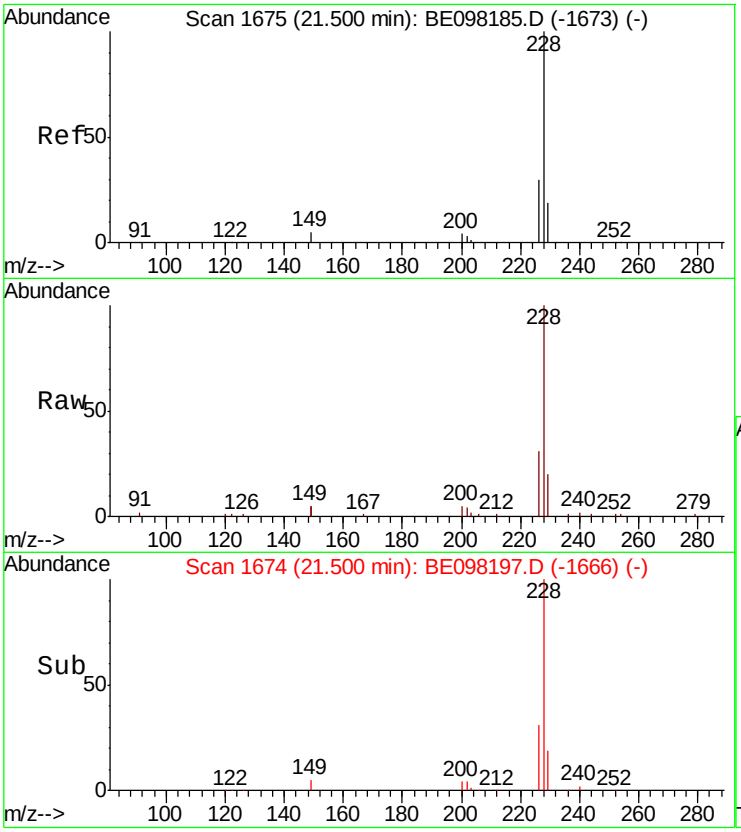


#30
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:228 Resp: 11847

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.7	31.1
229	20.6	16.2	24.4



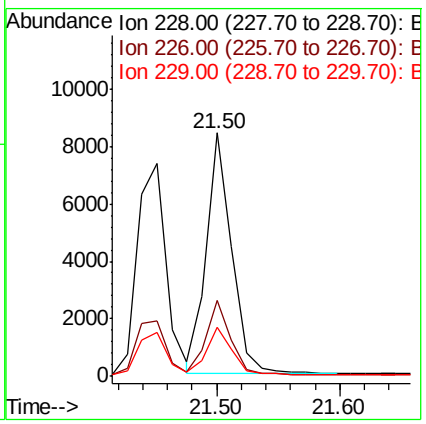


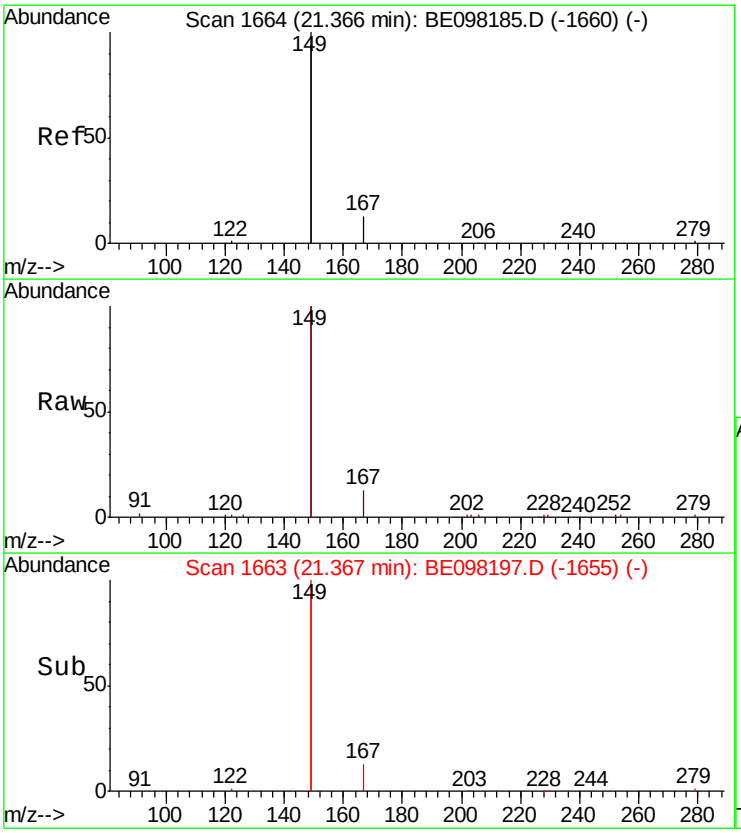
#31
Chrysene
Concen: 0.369 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 11973

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	36.8
229	20.0	16.0	24.0

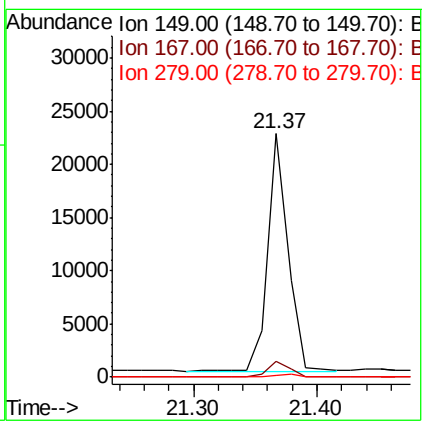


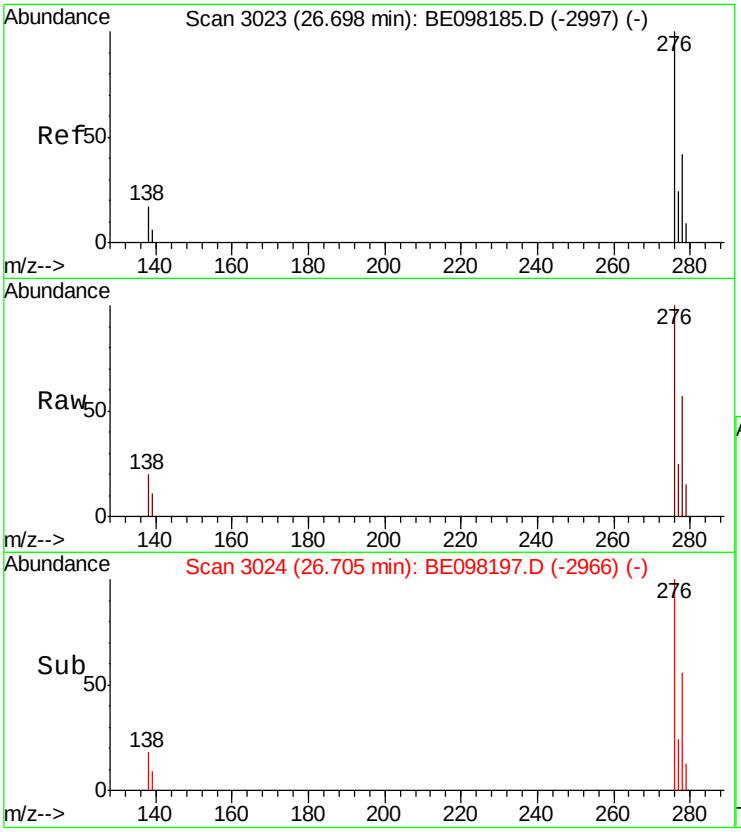


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.387 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:149 Resp: 25666

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.6	8.4
279	1.1	0.9	1.3



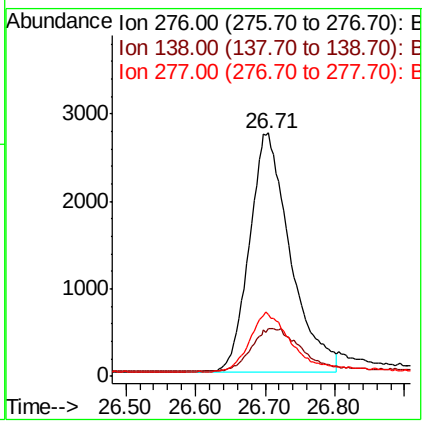


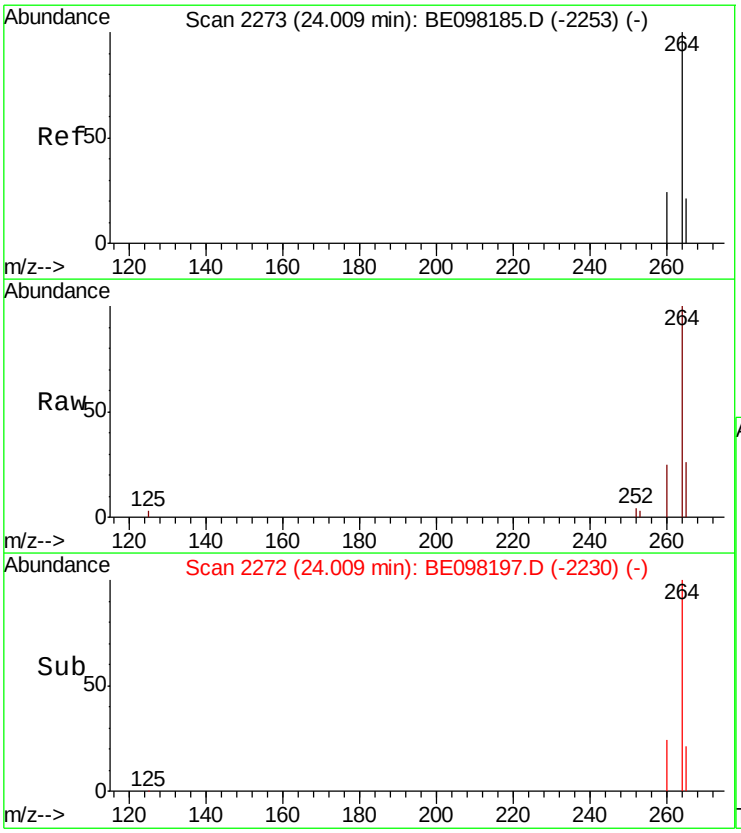
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng
RT: 26.71 min Scan# 3024
Delta R.T. 0.01 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11137

Ion	Ratio	Lower	Upper
276	100		
138	21.1	6.4	9.6#
277	24.8	18.9	28.3

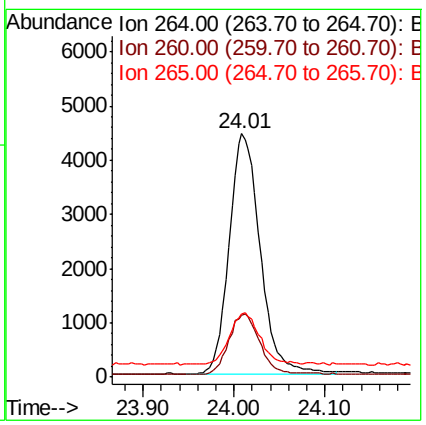


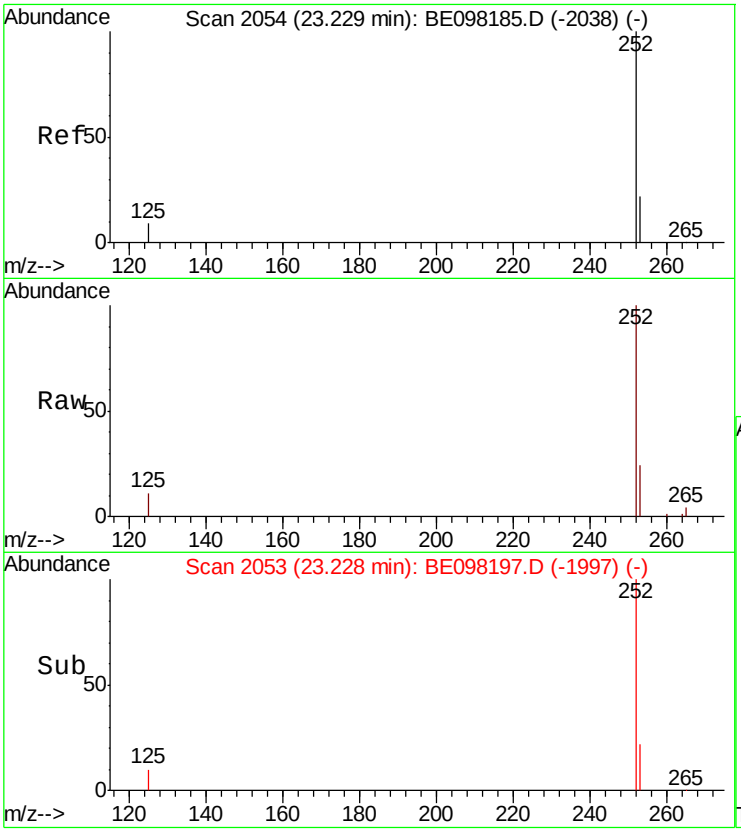


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:264 Resp: 10499

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.9	29.9
265	25.8	21.3	31.9



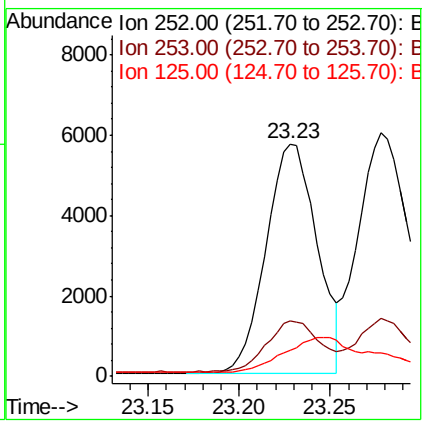


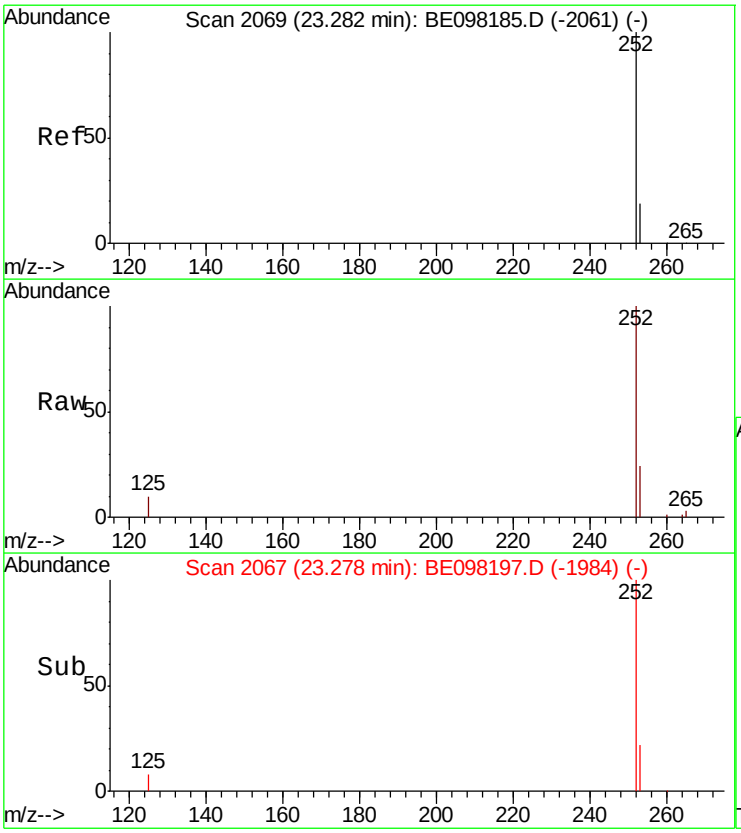
#35
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11133

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.0
125	11.4	8.6	12.8

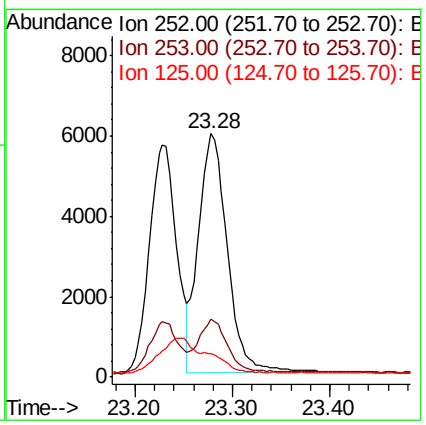


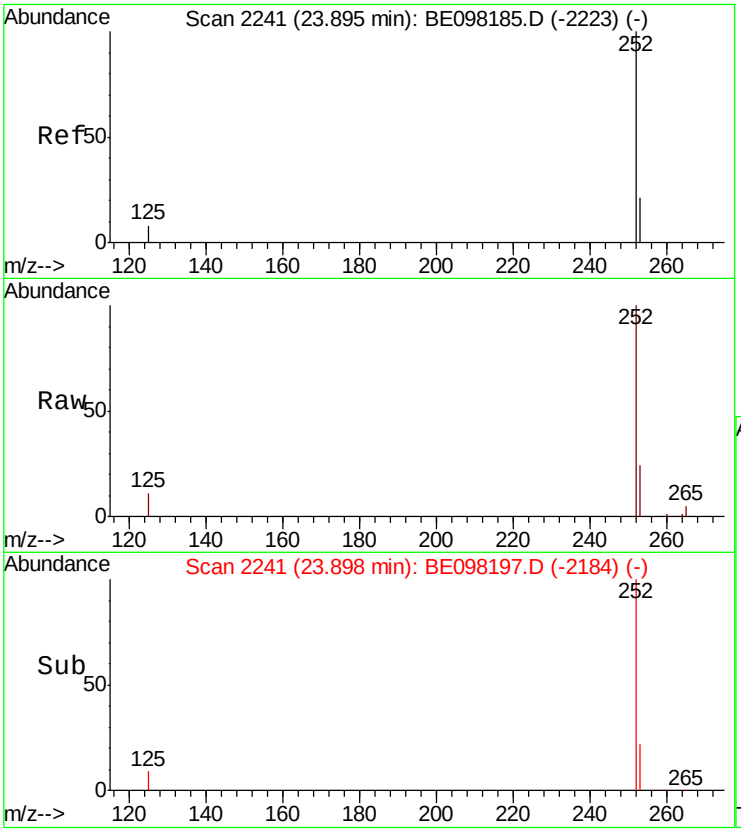


#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:252 Resp: 12325

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	9.7	7.4	11.0



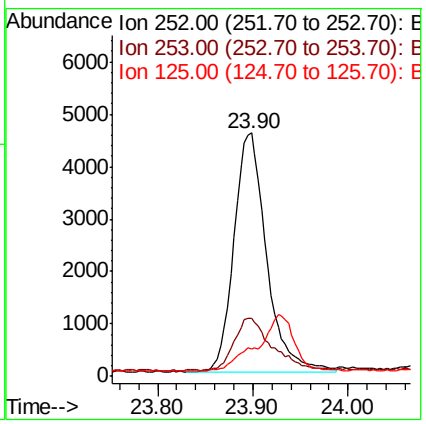


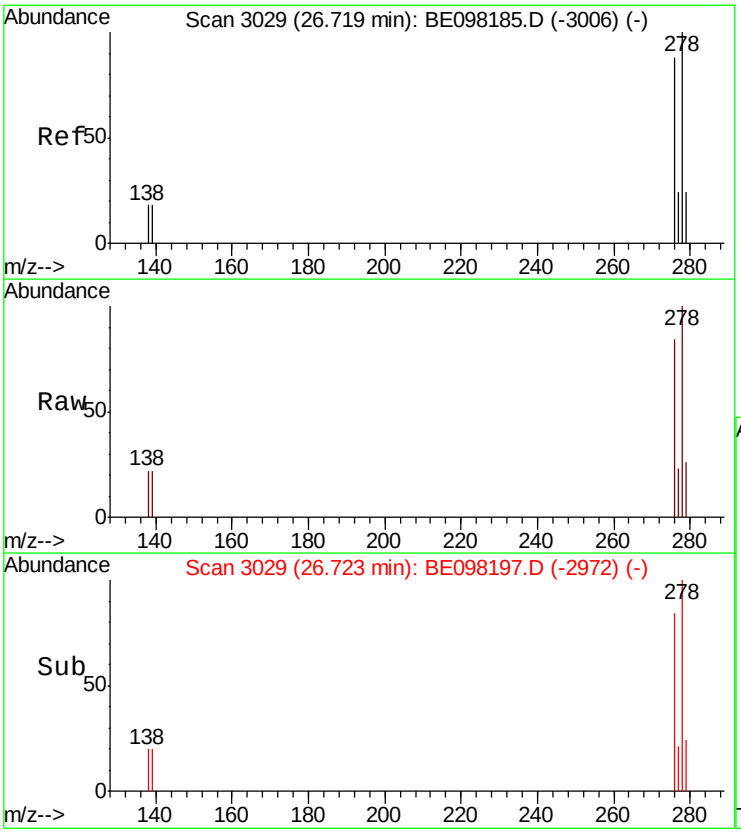
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10846

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	27.8
125	11.1	8.0	12.0

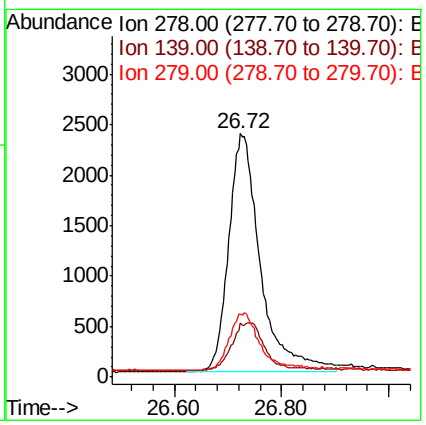


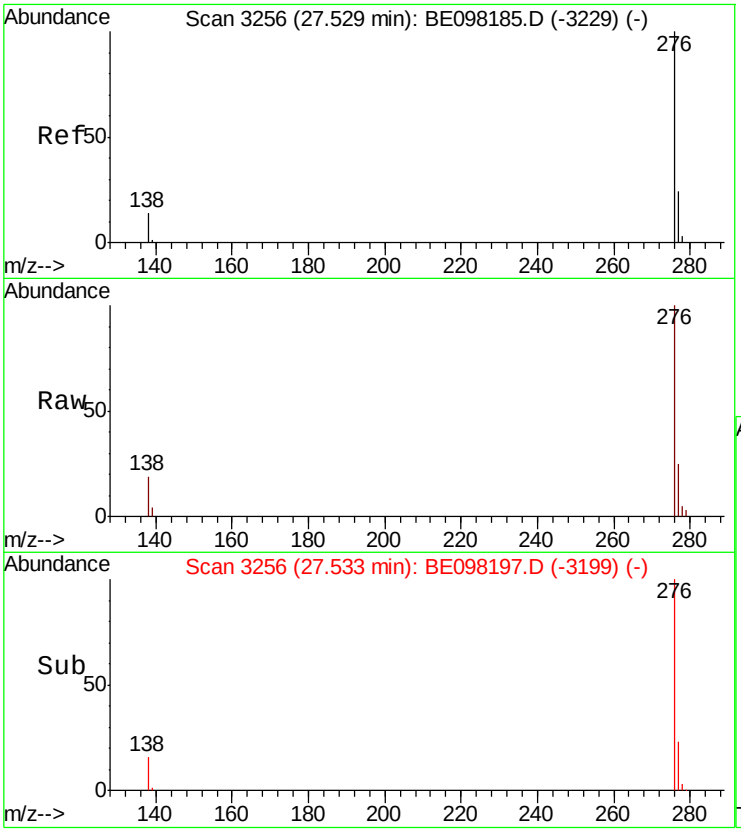


#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 26.72 min Scan# 3029
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:278 Resp: 9695

Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.4	24.6
279	26.0	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 27.53 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9510

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.4	30.6
138	18.8	13.2	19.8