Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098195.D
Acq On : 12 Nov 2018 18:13
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Nov 13 03:50:03 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	7.87	152	1245	0.40	ng		0.01
7) Naphthalene-d8	10.67	136	5834	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	3852	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	9171	0.40	ng		0.00
27) Chrysene-d12	21.46	240	10878	0.40	ng		0.00
34) Perylene-d12	24.01	264	10383	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1316	0.37	ng		0.00
5) Phenol-d6	7.04	99	2255	0.40	ng		0.00
8) Nitrobenzene-d5	9.02	82	2334	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	4031	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	613	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	5957	0.37	ng		0.00
25) Fluoranthene-d10	19.31	212	43960	0.38	ng		0.00
29) Terphenyl-d14	19.91	244	9151	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	717	0.383	ng		97
3) n-Nitrosodimethylamine	3.69	42	862	0.353	ng		99
6) bis(2-Chloroethyl)ether	7.29	93	1672	0.367	ng		97
9) Naphthalene	10.72	128	22996	0.388	ng		99
10) Hexachlorobutadiene	11.00	225	1442	0.391	ng		99
12) 2-Methylnaphthalene	12.34	142	3955	0.384	ng		98
16) Acenaphthylene	14.26	152	6872	0.389	ng		100
17) Acenaphthene	14.60	154	4281	0.397	ng		99
18) Fluorene	15.58	166	5486	0.397	ng		98
20) 4-Bromophenyl-phenylether	16.46	248	2171	0.388	ng		91
21) Hexachlorobenzene	16.59	284	2318	0.399	ng		99
22) Pentachlorophenol	16.94	266	457	0.432	ng		97
23) Phenanthrene	17.31	178	9016	0.395	ng		99
24) Anthracene	17.41	178	8270	0.389	ng		98
26) Fluoranthene	19.34	202	10829	0.383	ng		100
28) Pyrene	19.71	202	11395	0.381	ng		99
30) Benzo(a)anthracene	21.45	228	11782	0.381	ng		99
31) Chrysene	21.50	228	11966	0.381	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	25087	0.391	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	11704	0.407	ng	#	91
35) Benzo(b)fluoranthene	23.23	252	11201	0.380	ng		99
36) Benzo(k)fluoranthene	23.28	252	11533	0.371	ng		99
37) Benzo(a)pyrene	23.90	252	10542	0.373	ng		98
38) Dibenzo(a,h)anthracene	26.73	278	9484	0.394	ng		98
39) Benzo(g,h,i)perylene	27.53	276	9442	0.376	ng		98

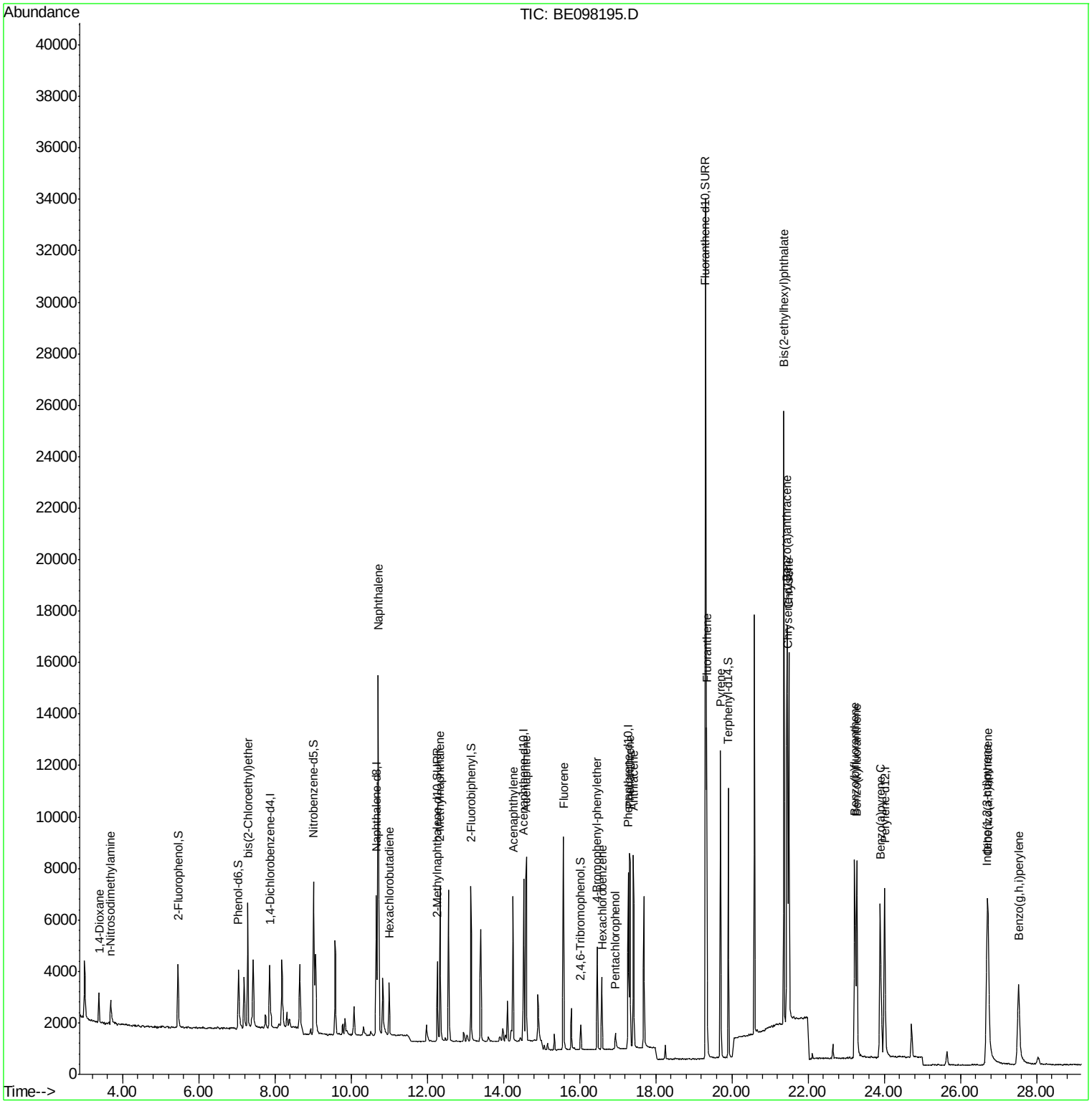
(#) = qualifier out of range (m) = manual integration (+) = signals summed

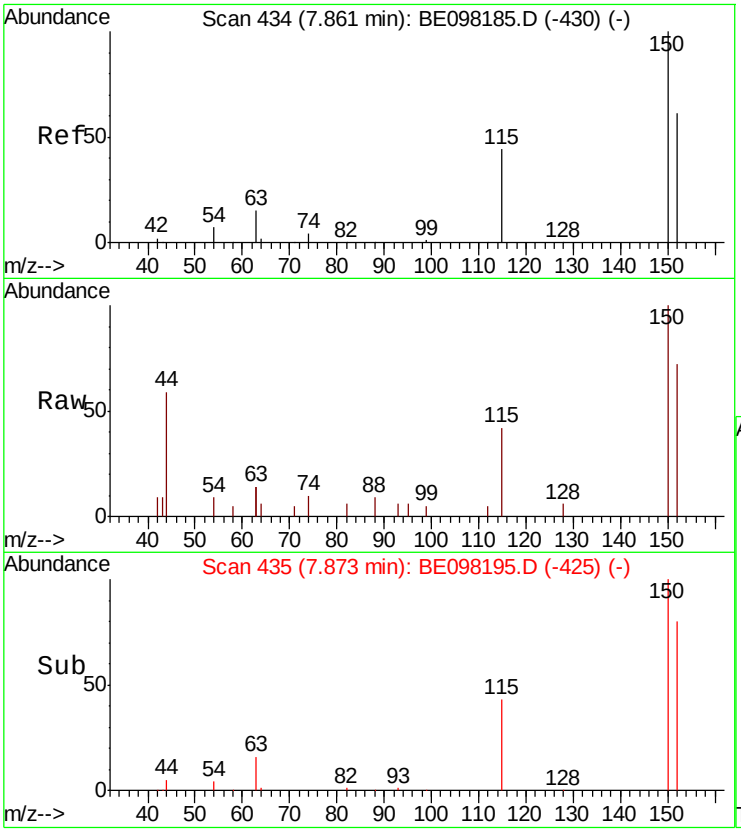
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098195.D
Acq On : 12 Nov 2018 18:13
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 13 03:50:03 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



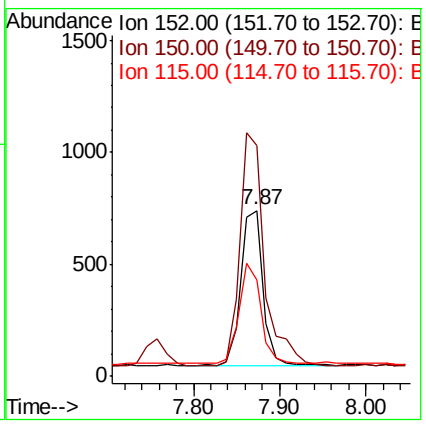


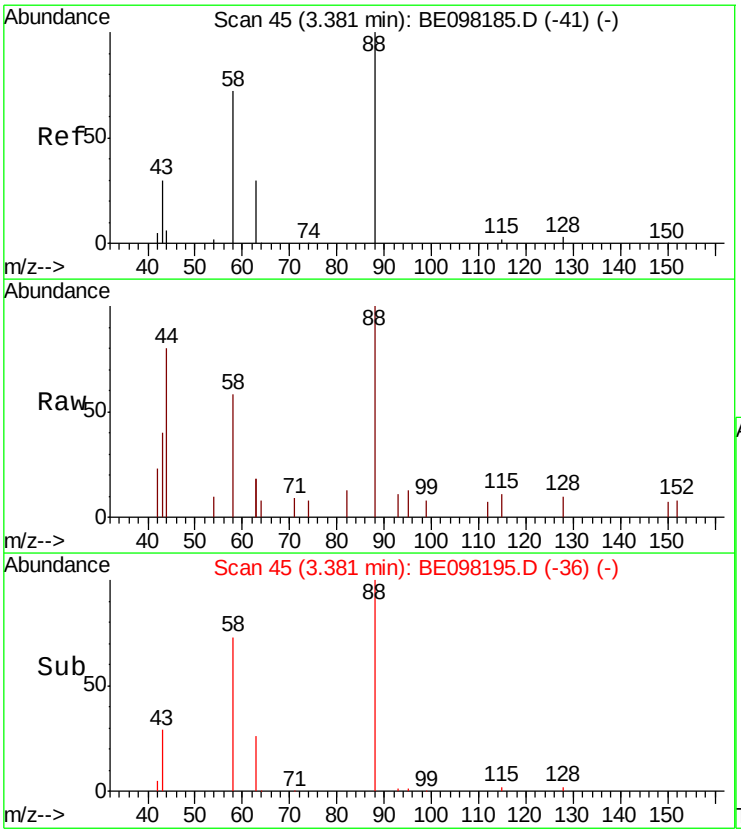
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1245

Ion	Ratio	Lower	Upper
152	100		
150	139.6	127.5	191.3
115	58.4	60.3	90.5#

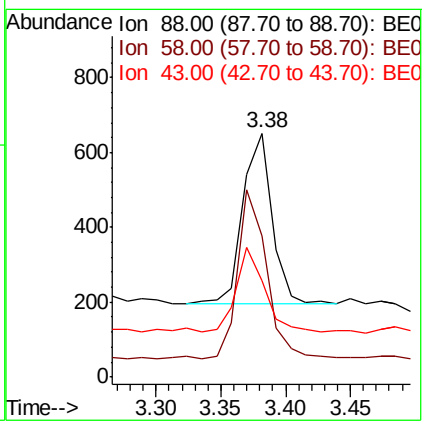


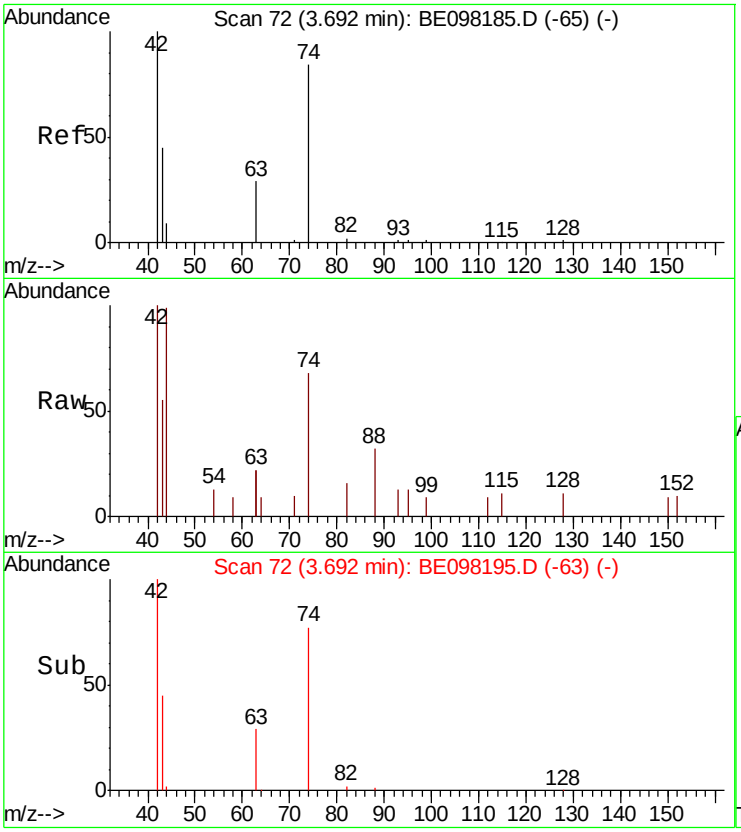


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion: 88 Resp: 717

Ion	Ratio	Lower	Upper
88	100		
58	95.4	79.0	118.4
43	48.5	38.1	57.1



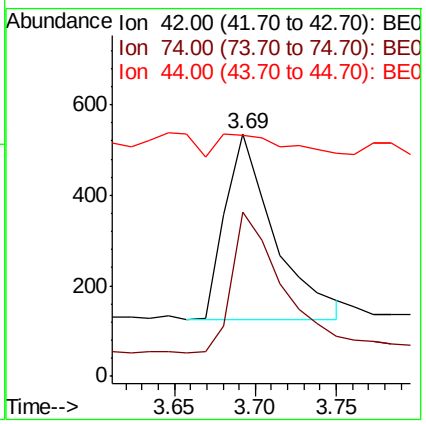


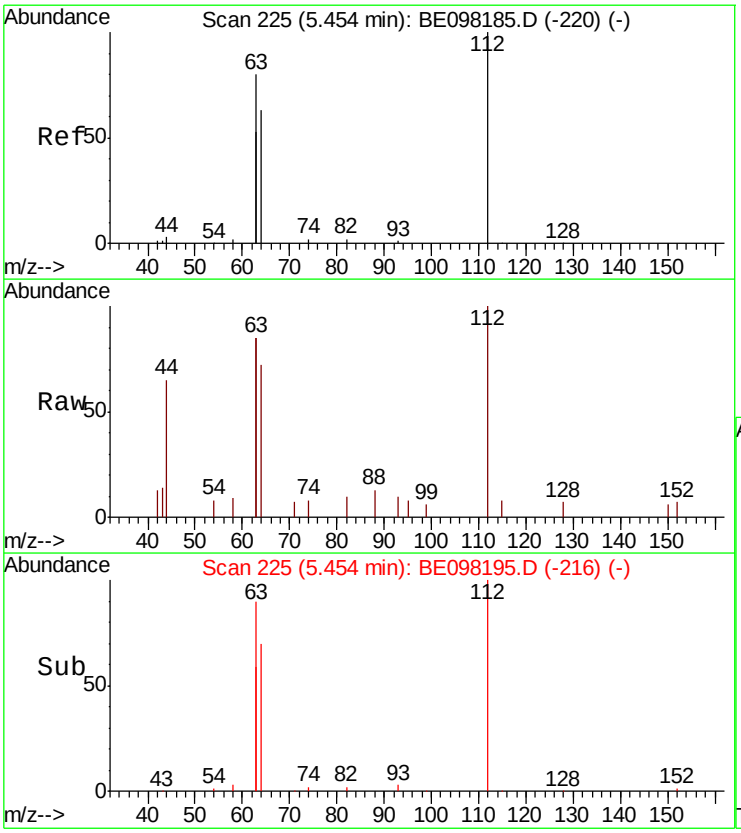
#3
n-Nitrosodimethylamine
Concen: 0.353 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 862

Ion	Ratio	Lower	Upper
42	100		
74	77.7	61.7	92.5
44	17.6	14.0	21.0

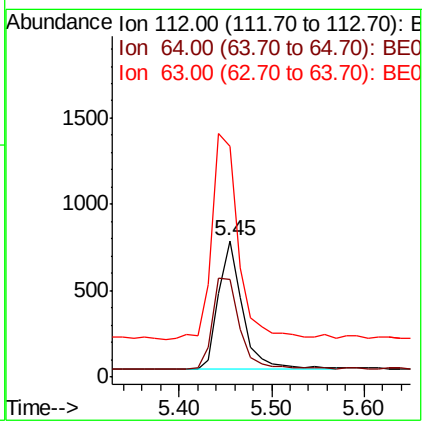


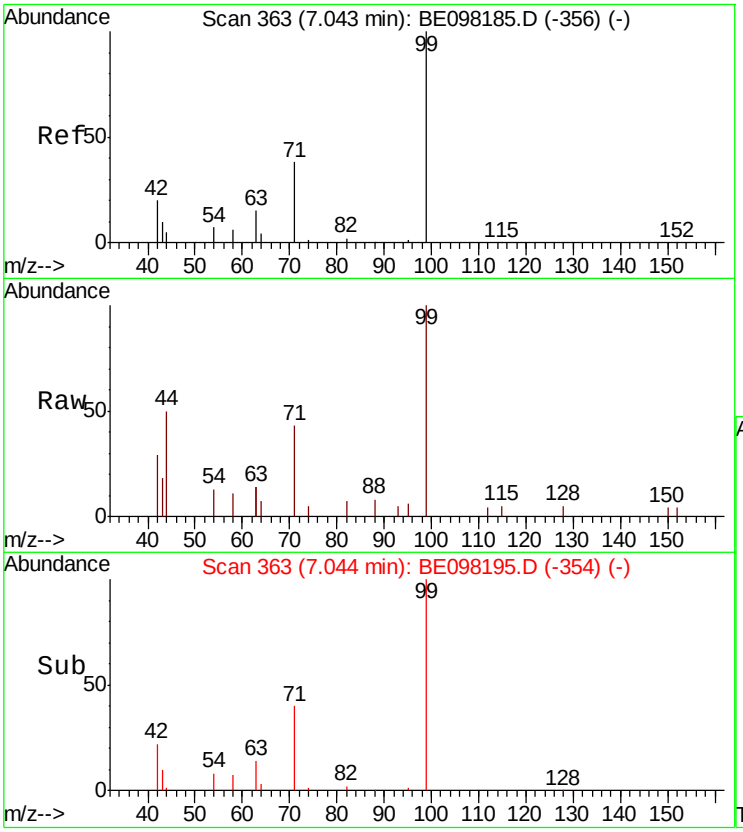


#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:112 Resp: 1316

Ion	Ratio	Lower	Upper
112	100		
64	82.4	61.7	92.5
63	179.4	136.2	204.2



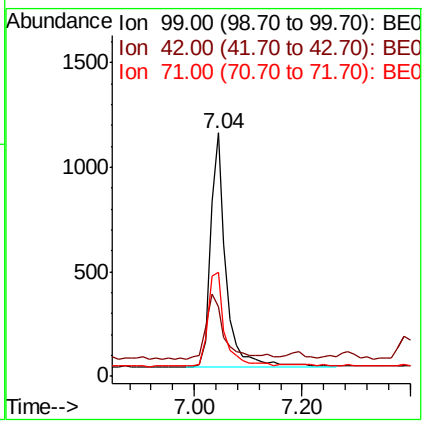


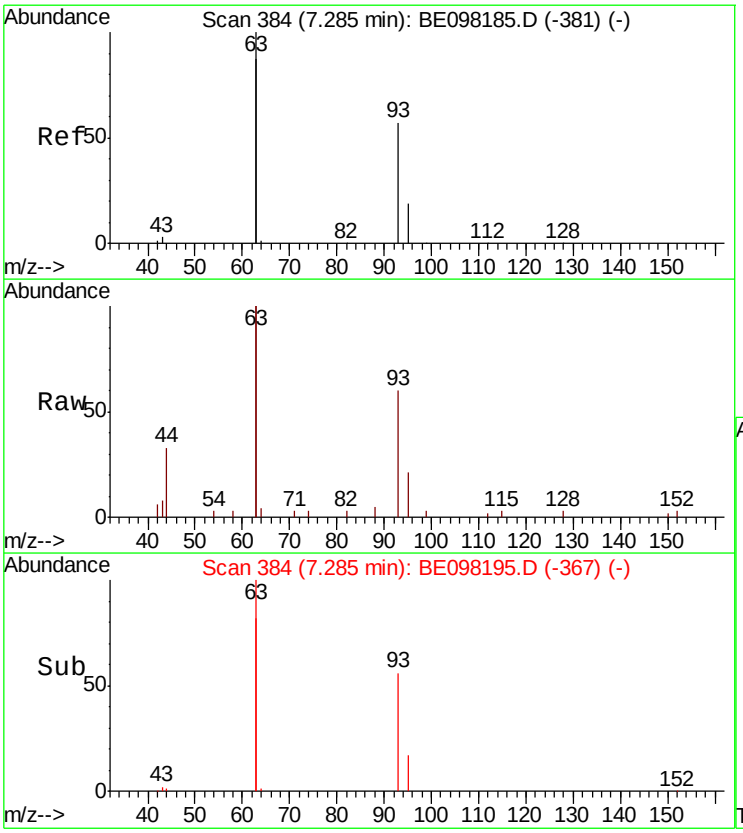
#5
Phenol-d6
Concen: 0.399 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2255

Ion	Ratio	Lower	Upper
99	100		
42	33.3	27.1	40.7
71	42.5	37.0	55.6

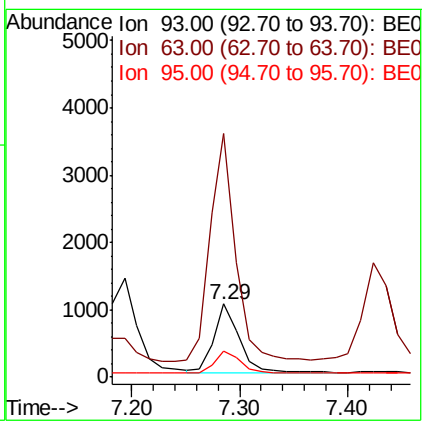


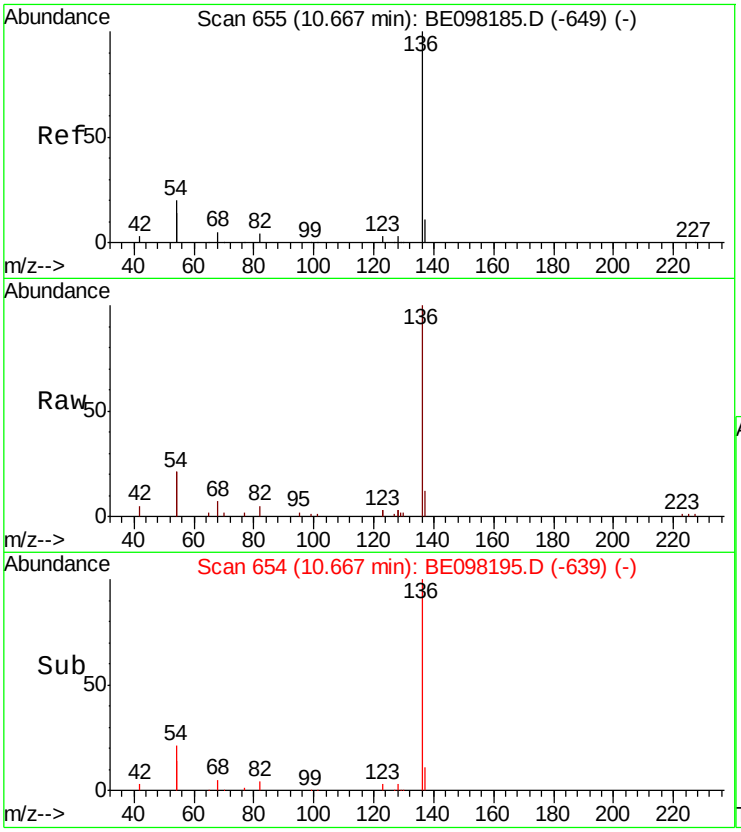


#6
bis(2-Chloroethyl)ether
Concen: 0.367 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion: 93 Resp: 1672

Ion	Ratio	Lower	Upper
93	100		
63	335.1	272.6	409.0
95	32.5	27.1	40.7



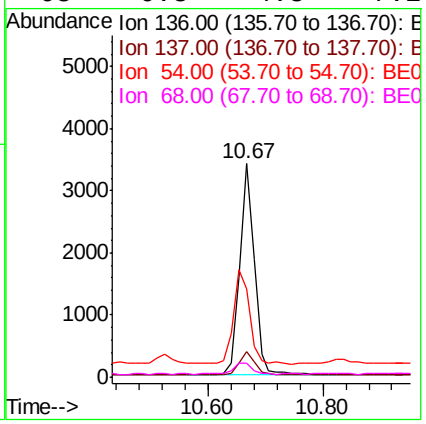


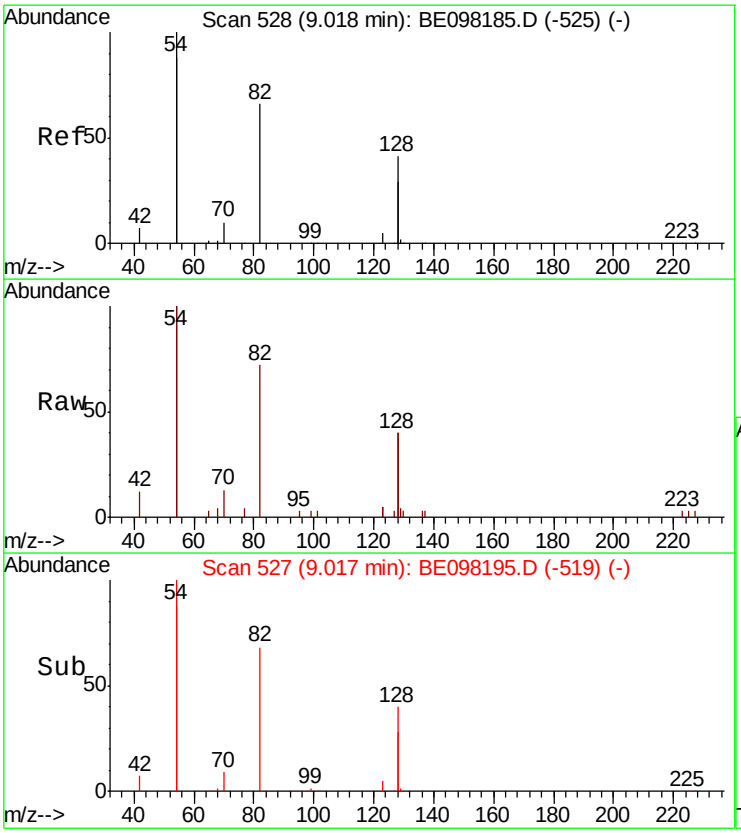
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 5834

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	41.5	31.3	46.9
68	6.8	4.8	7.2

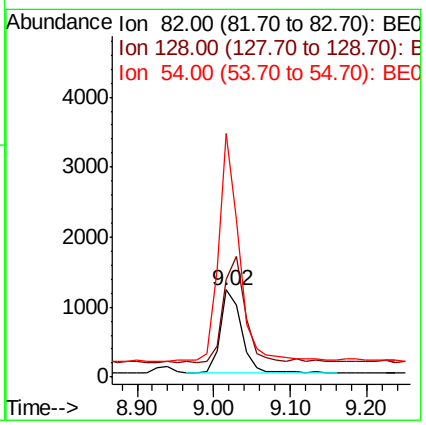


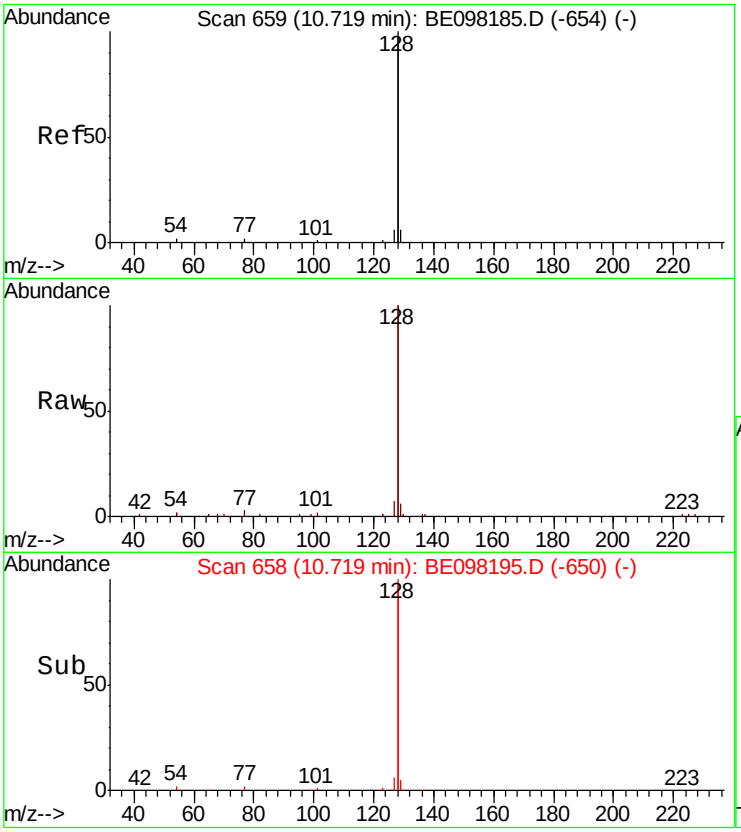


#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion: 82 Resp: 2334

Ion	Ratio	Lower	Upper
82	100		
128	111.3	96.1	144.1
54	278.9	232.0	348.0



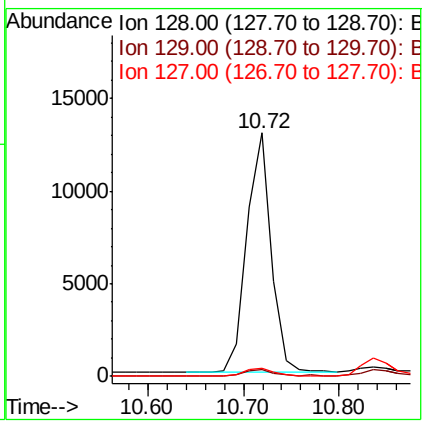


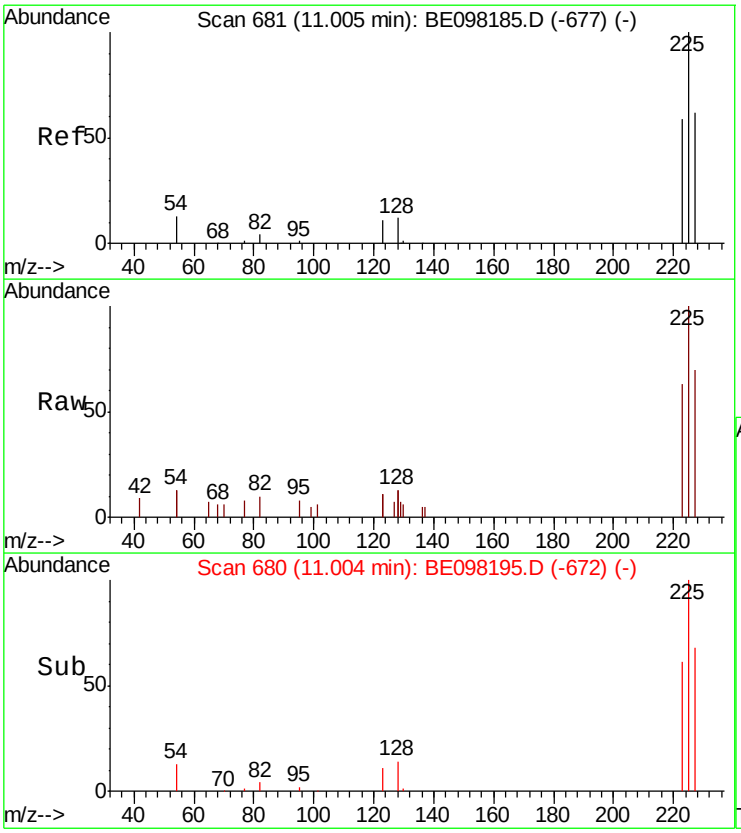
#9
Naphthalene
Concen: 0.388 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 22996

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	4.0
127	3.6	2.8	4.2

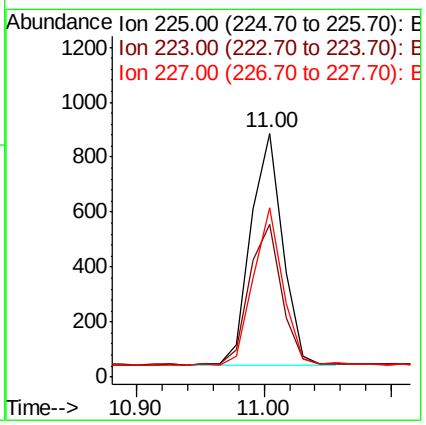


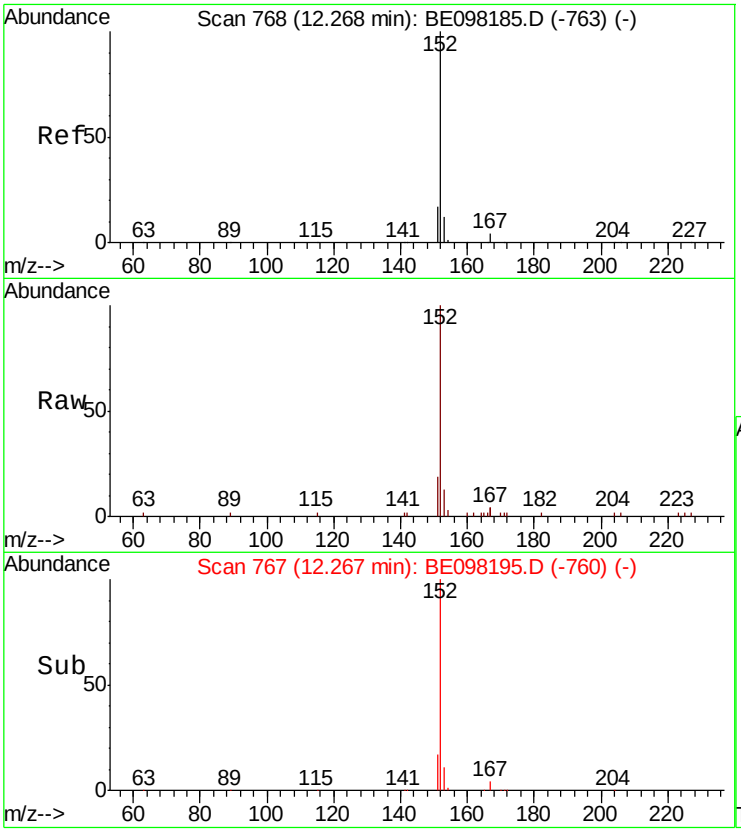


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:225 Resp: 1442

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.5	75.7
227	63.9	50.3	75.5



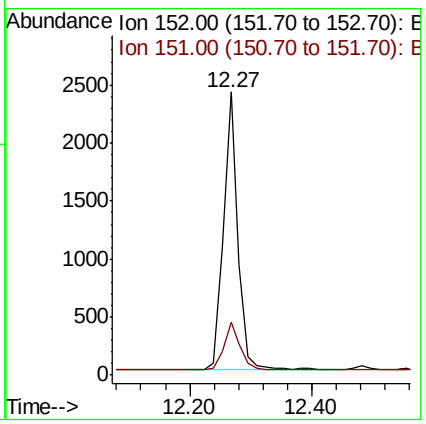


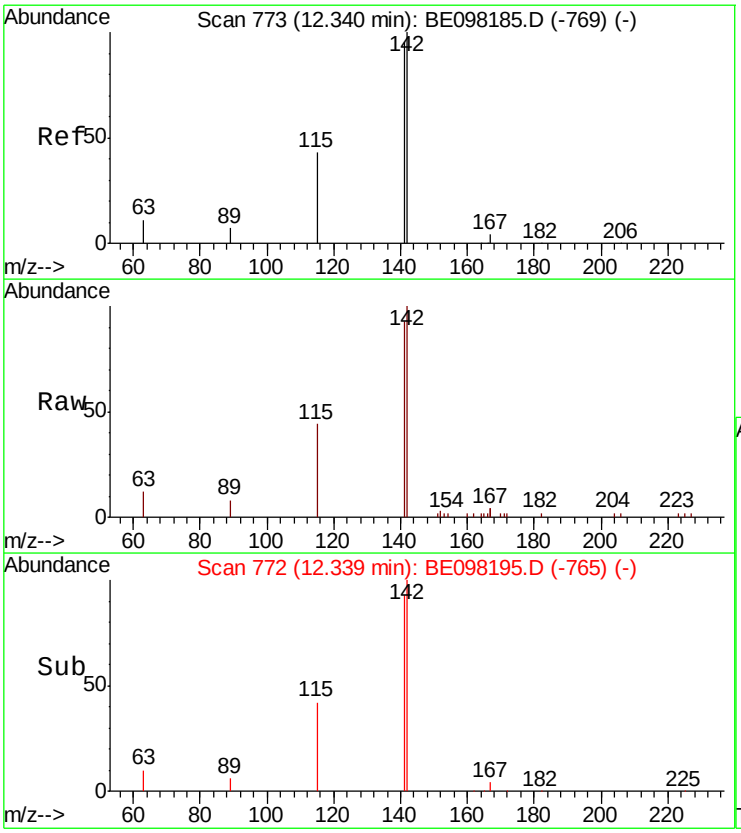
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4031

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

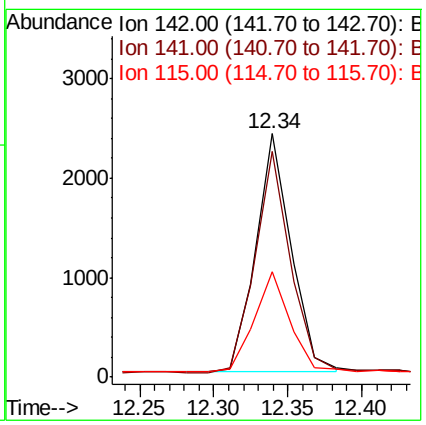


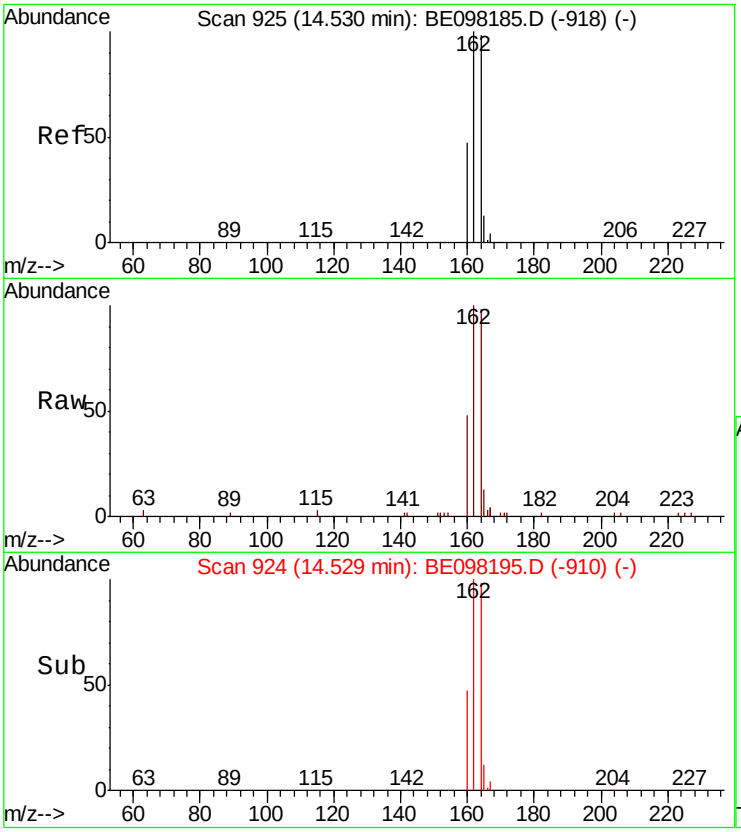


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:142 Resp: 3955

Ion	Ratio	Lower	Upper
142	100		
141	92.7	76.3	114.5
115	43.5	35.8	53.8



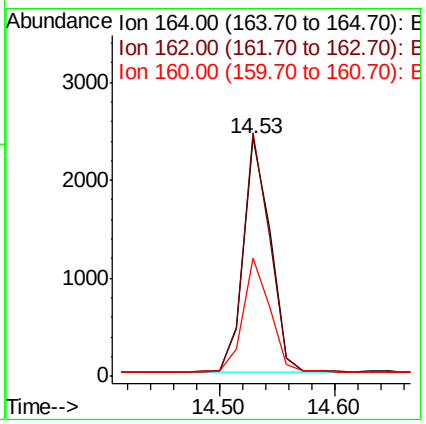


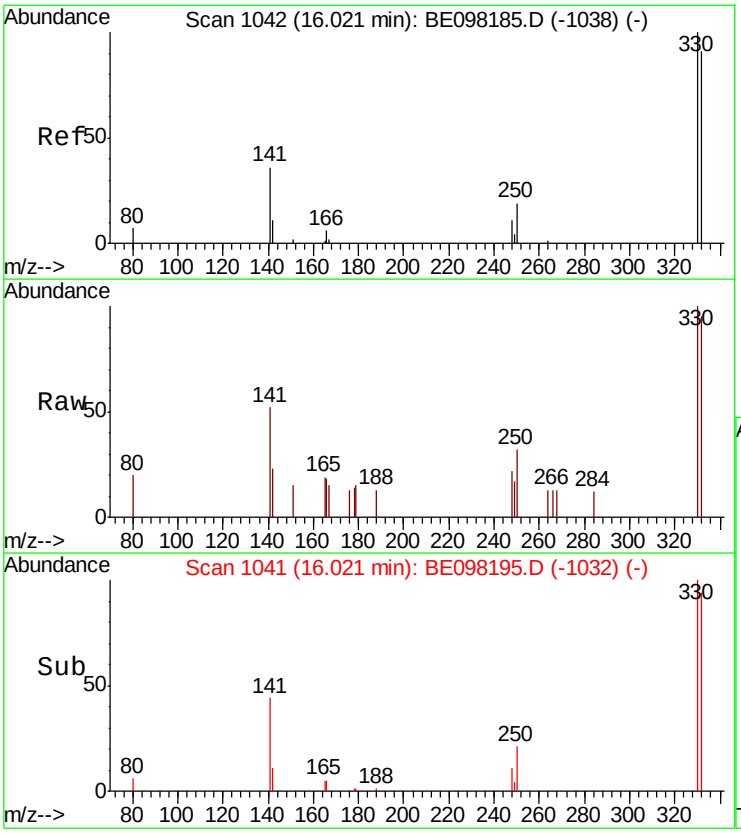
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3852

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.6
160	49.4	39.4	59.0

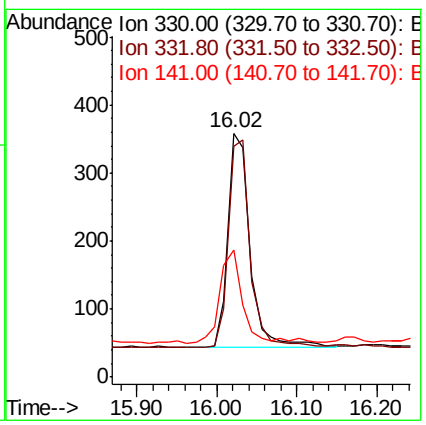


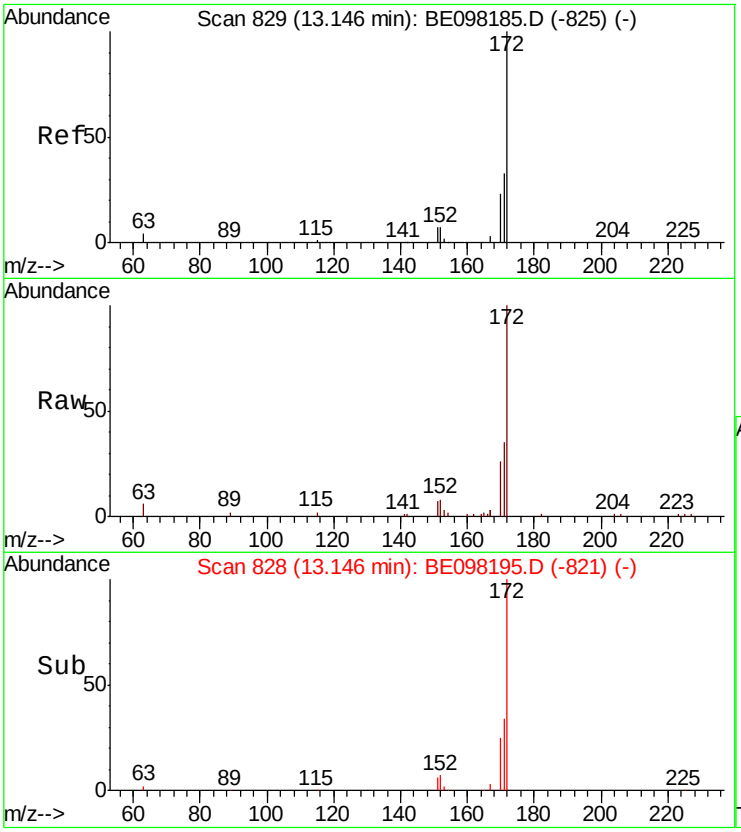


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:330 Resp: 613

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.7	116.5
141	41.6	33.6	50.4



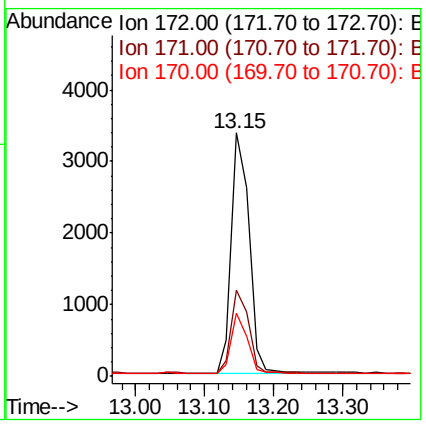


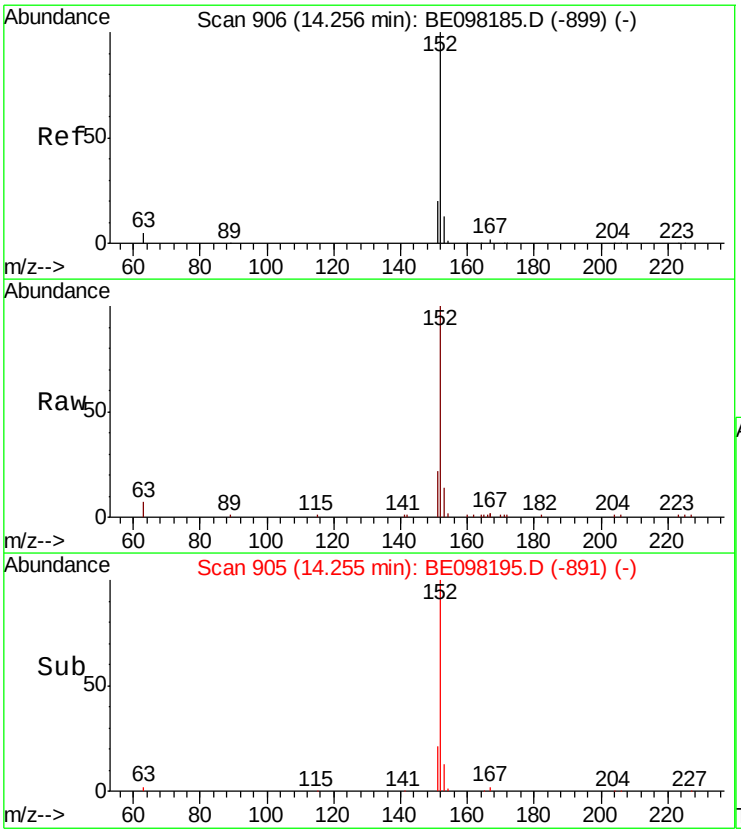
#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5957

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	26.0	19.4	29.0

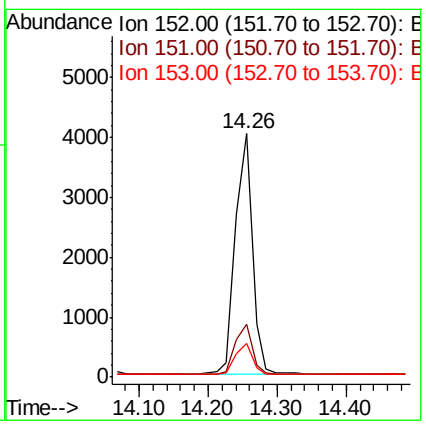


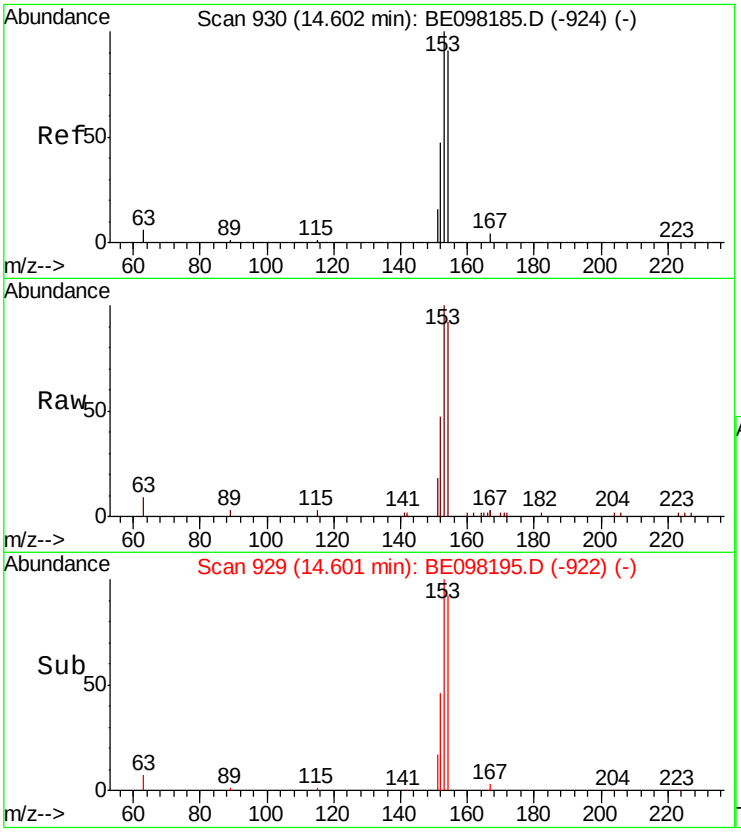


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:152 Resp: 6872

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6
153	12.9	10.6	15.8



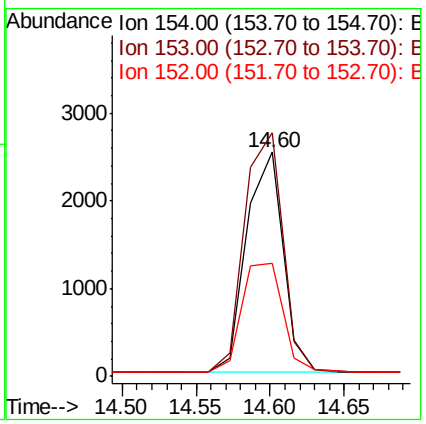


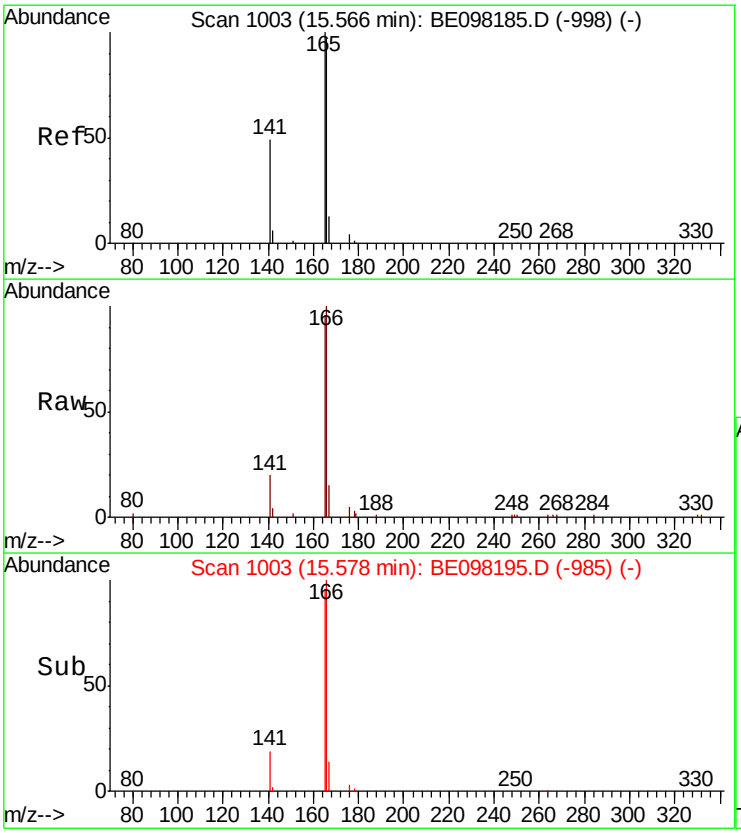
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 4281

Ion	Ratio	Lower	Upper
154	100		
153	114.8	92.1	138.1
152	55.8	46.2	69.2

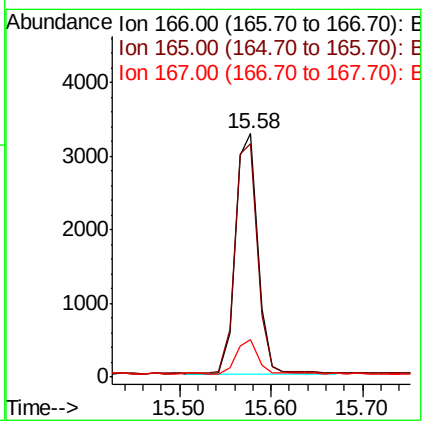


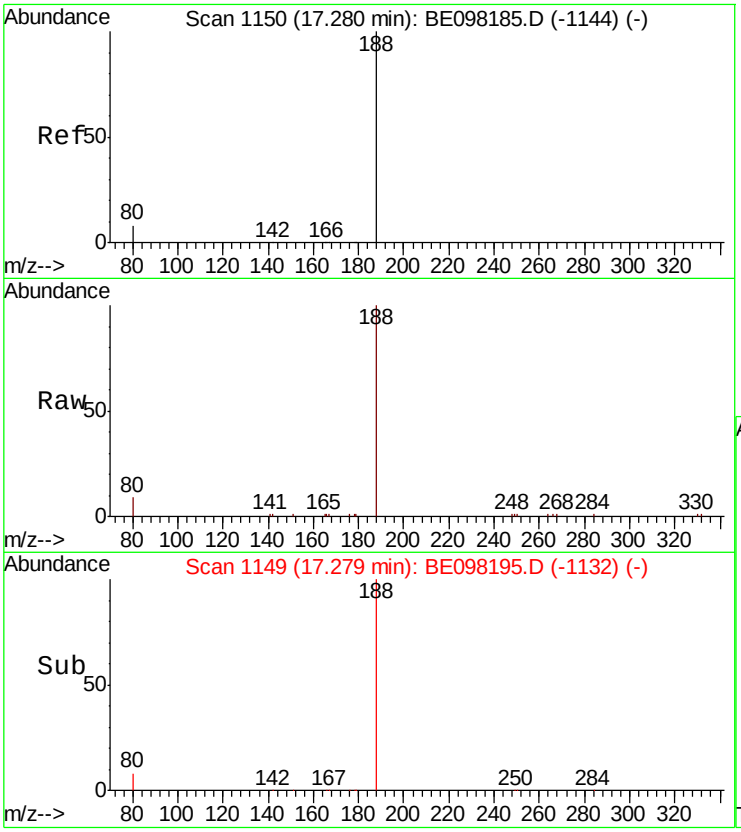


#18
Fluorene
Concen: 0.397 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:166 Resp: 5486

Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.1	120.1
167	13.6	10.8	16.2



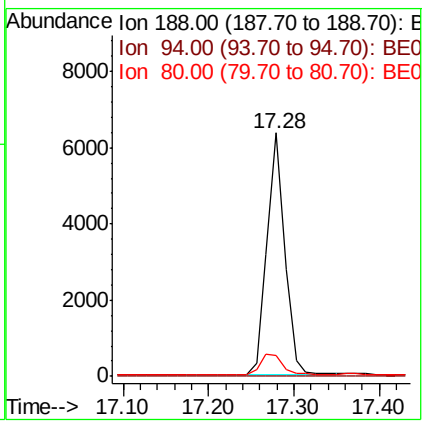


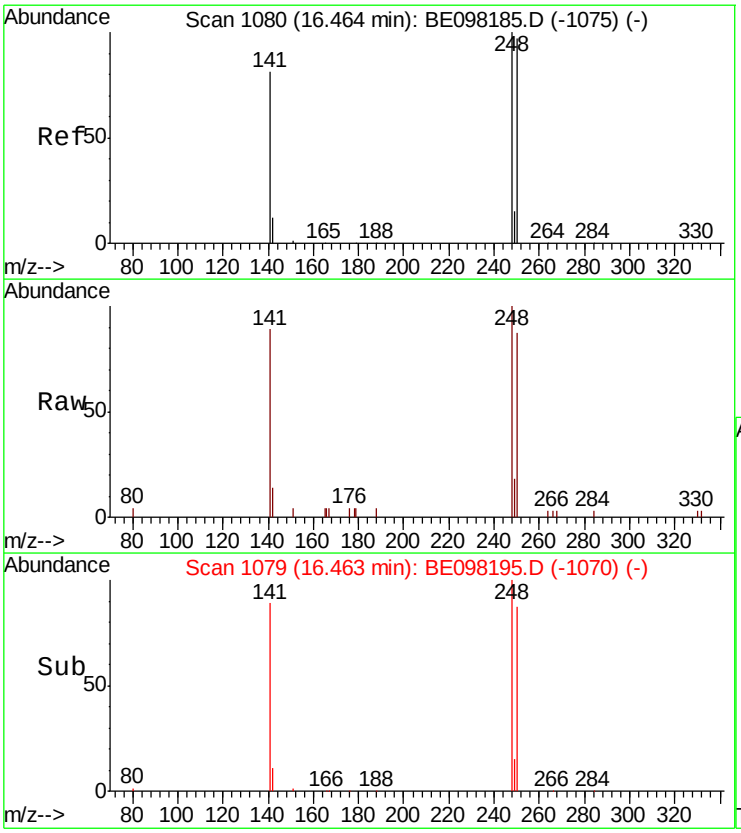
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 9171

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	6.7	10.1

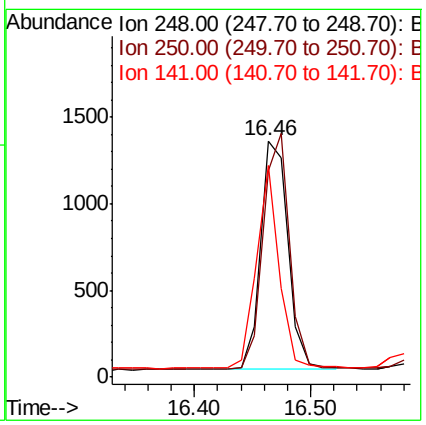


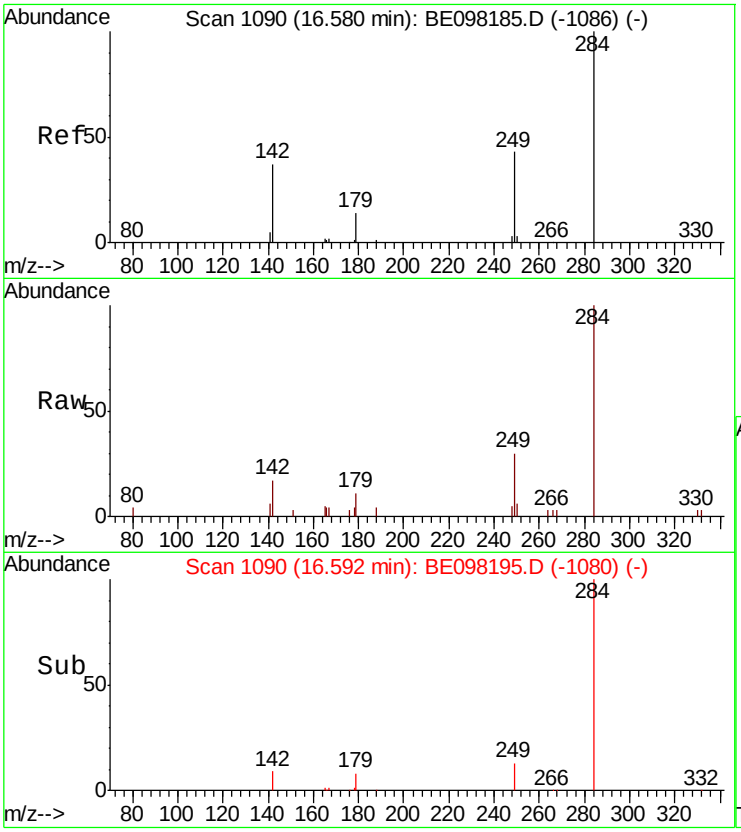


#20
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:248 Resp: 2171

Ion	Ratio	Lower	Upper
248	100		
250	87.4	77.6	116.4
141	89.4	65.8	98.8



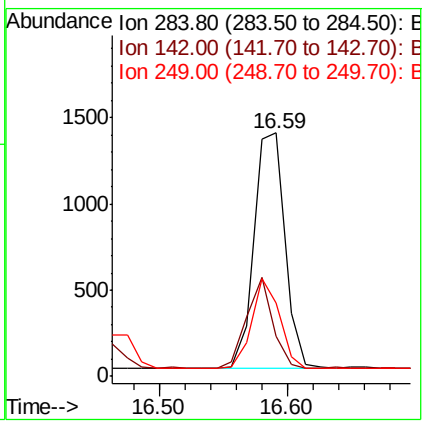


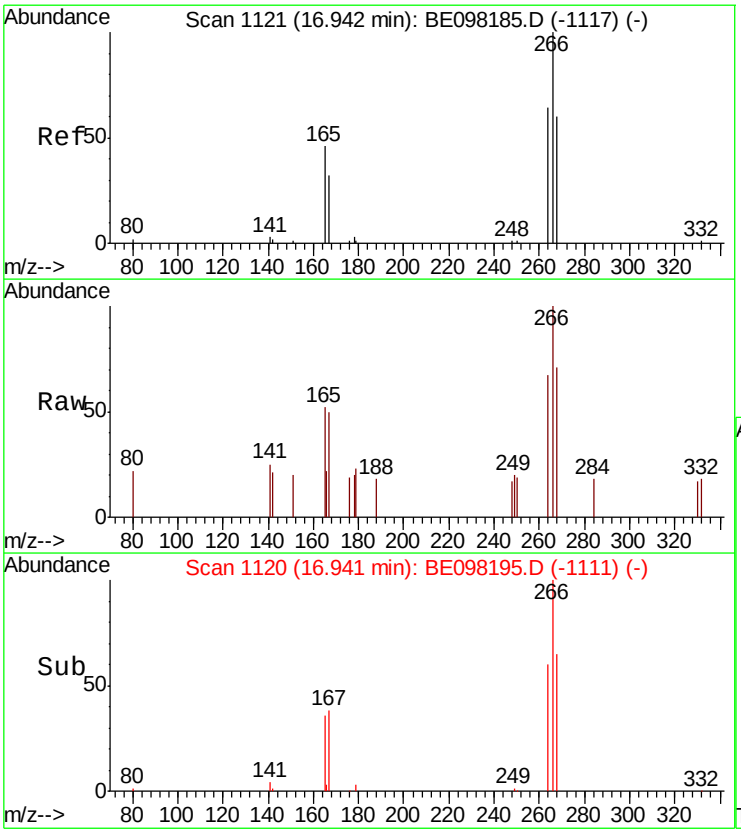
#21
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2318

Ion	Ratio	Lower	Upper
284	100		
142	32.5	26.5	39.7
249	34.7	28.4	42.6

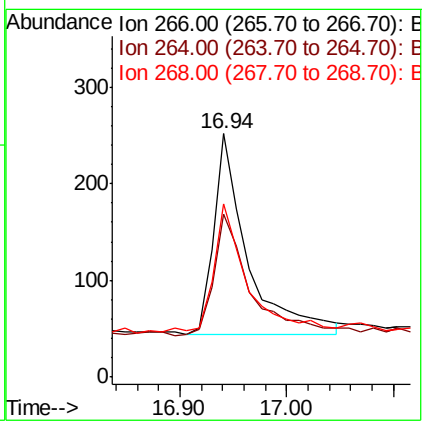


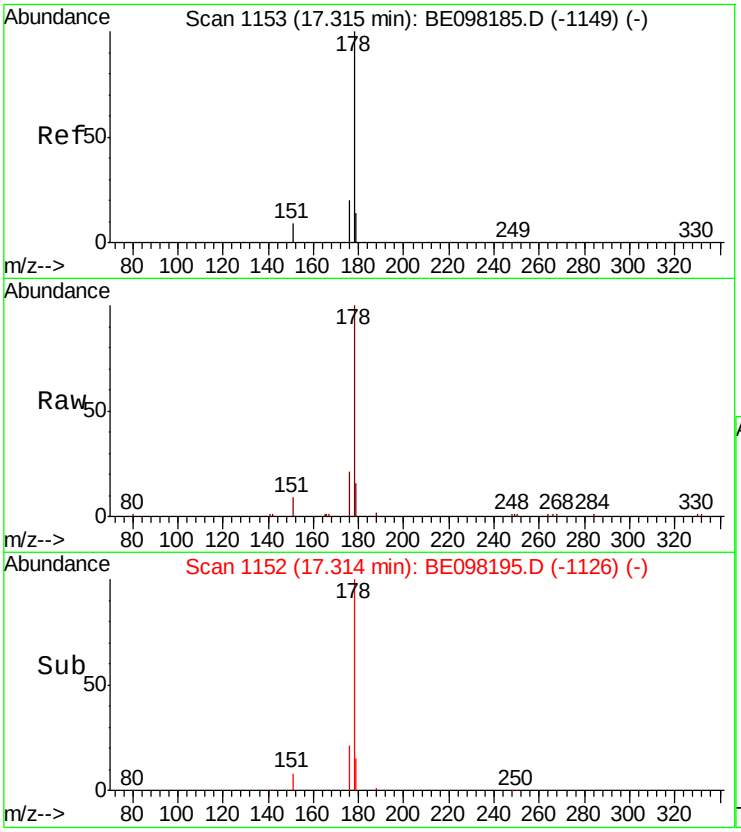


#22
Pentachlorophenol
Concen: 0.432 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:266 Resp: 457

Ion	Ratio	Lower	Upper
266	100		
264	66.7	57.6	86.4
268	71.0	56.8	85.2



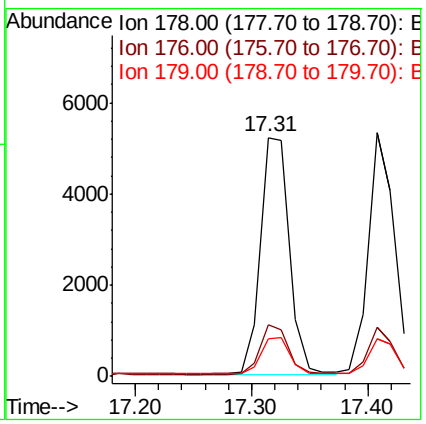


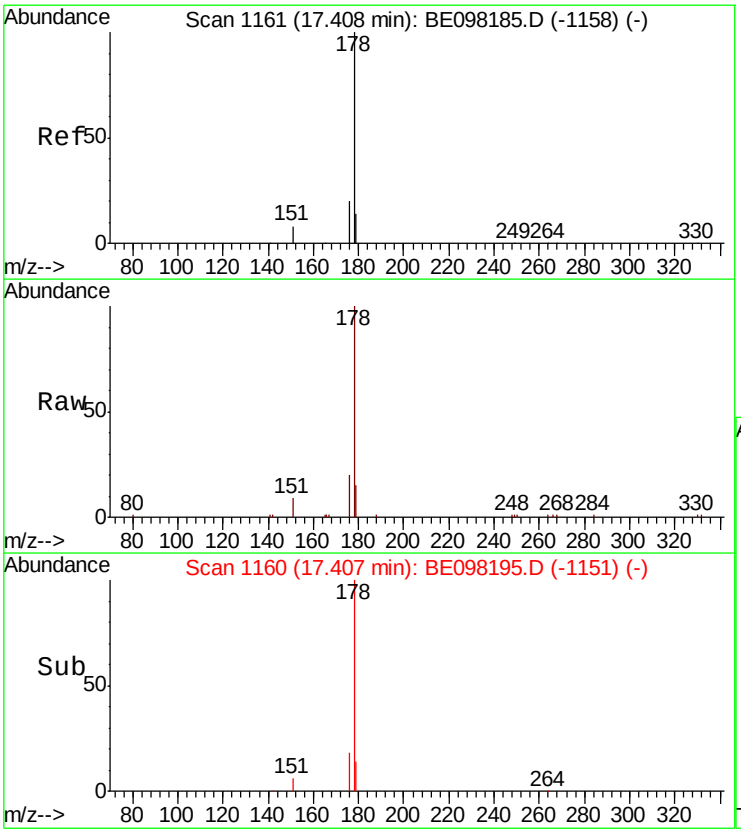
#23
Phenanthrene
Concen: 0.395 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 9016

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	12.3	18.5

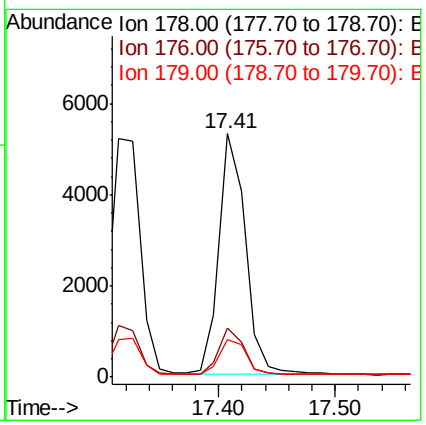


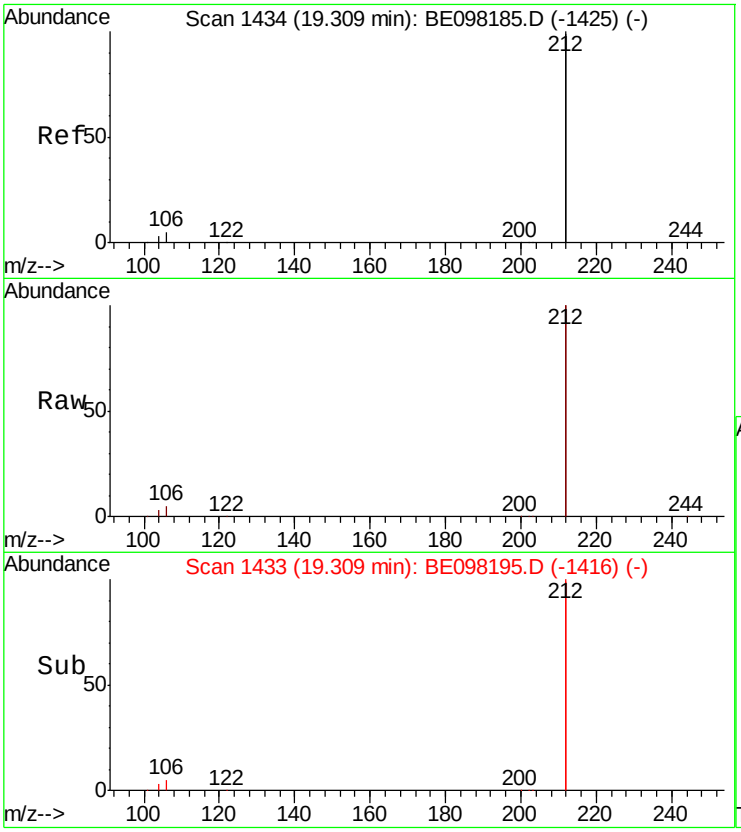


#24
Anthracene
Concen: 0.389 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:178 Resp: 8270

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.4	12.1	18.1



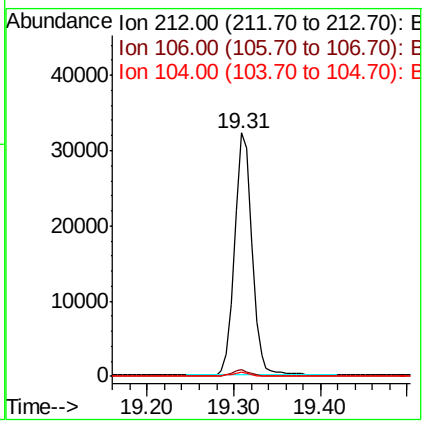


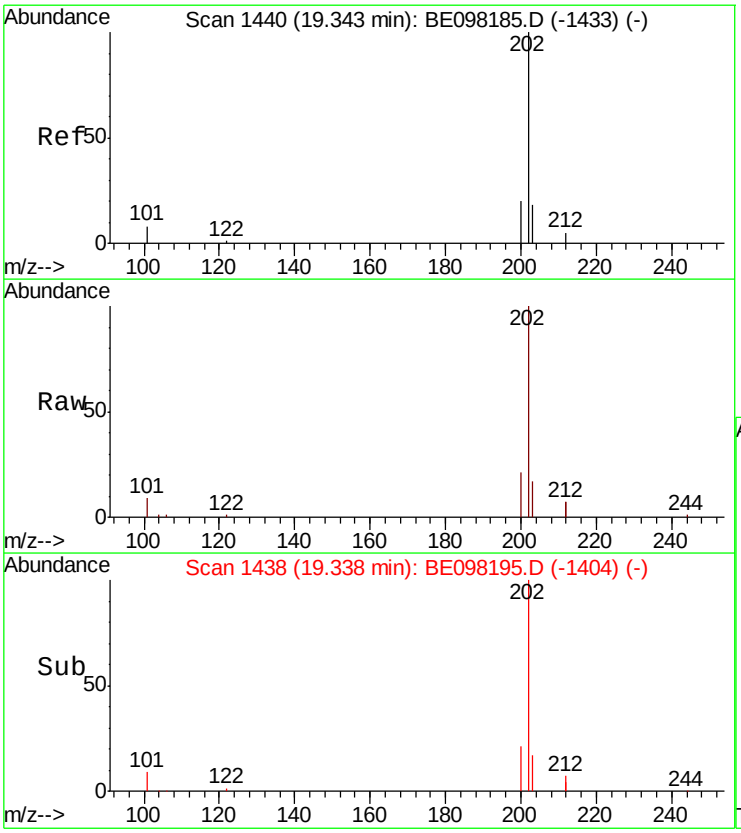
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 43960

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.4	1.1	1.7

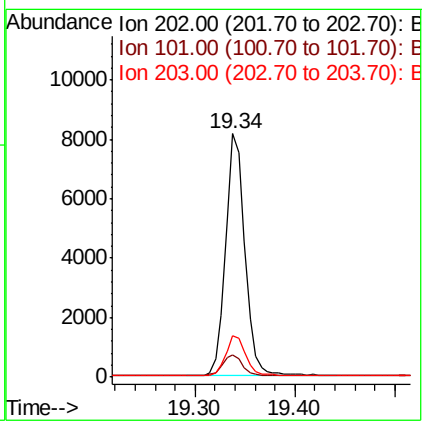


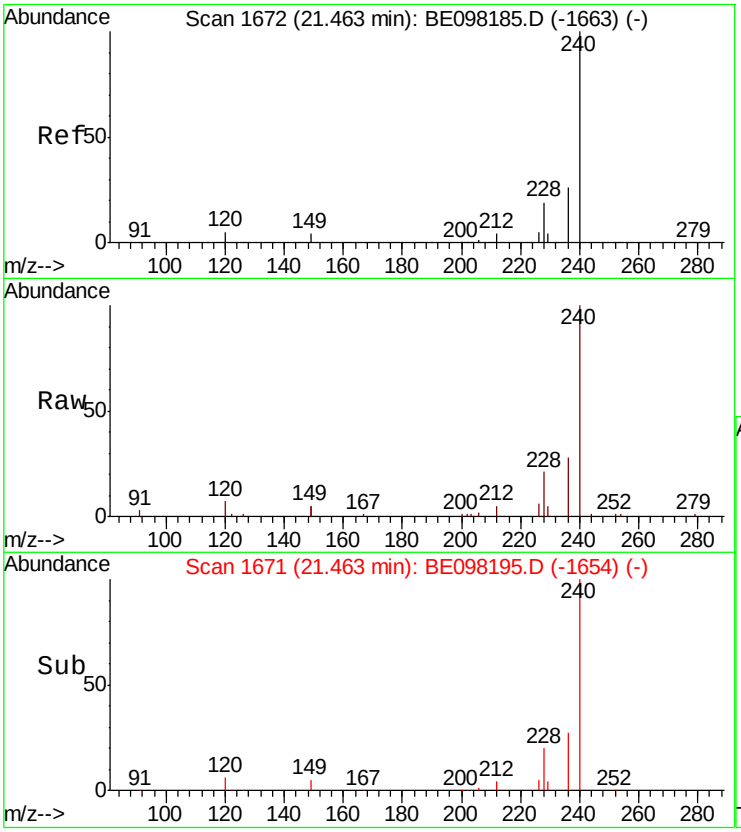


#26
Fluoranthene
Concen: 0.383 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:202 Resp: 10829

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.6
203	17.1	13.7	20.5



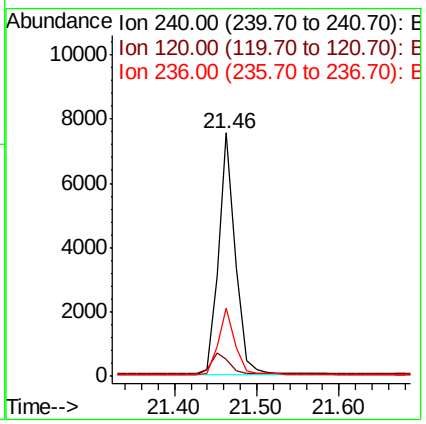


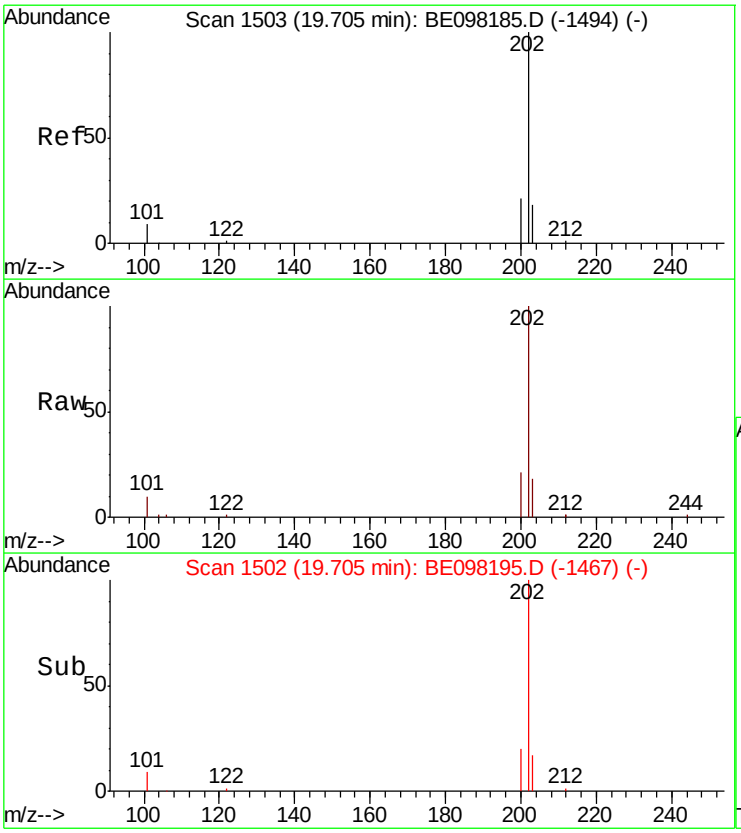
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 10878

Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.8	7.2
236	27.9	21.4	32.0

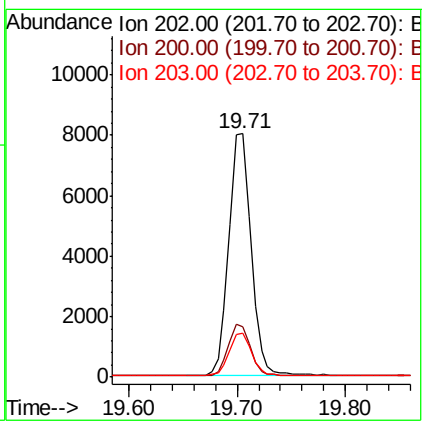


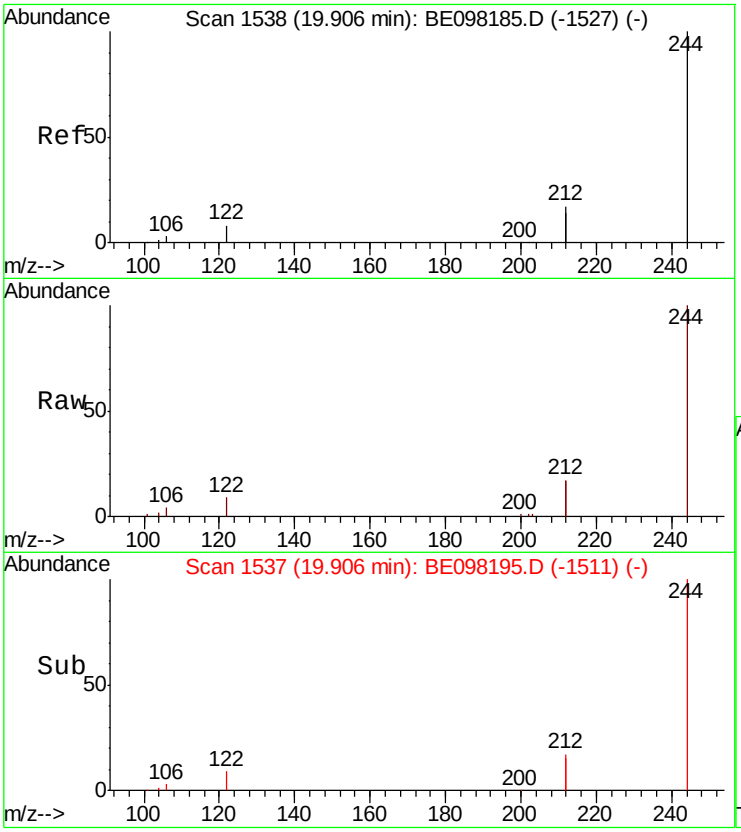


#28
Pyrene
Concen: 0.381 ng
RT: 19.71 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:202 Resp: 11395

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.6	14.2	21.4



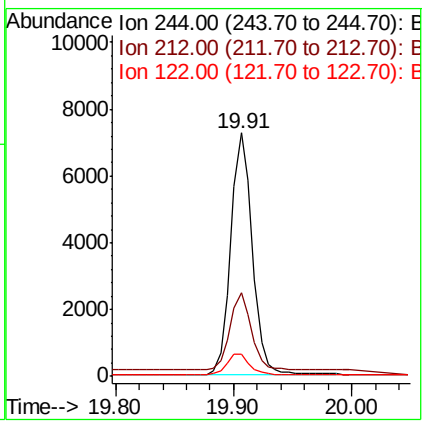


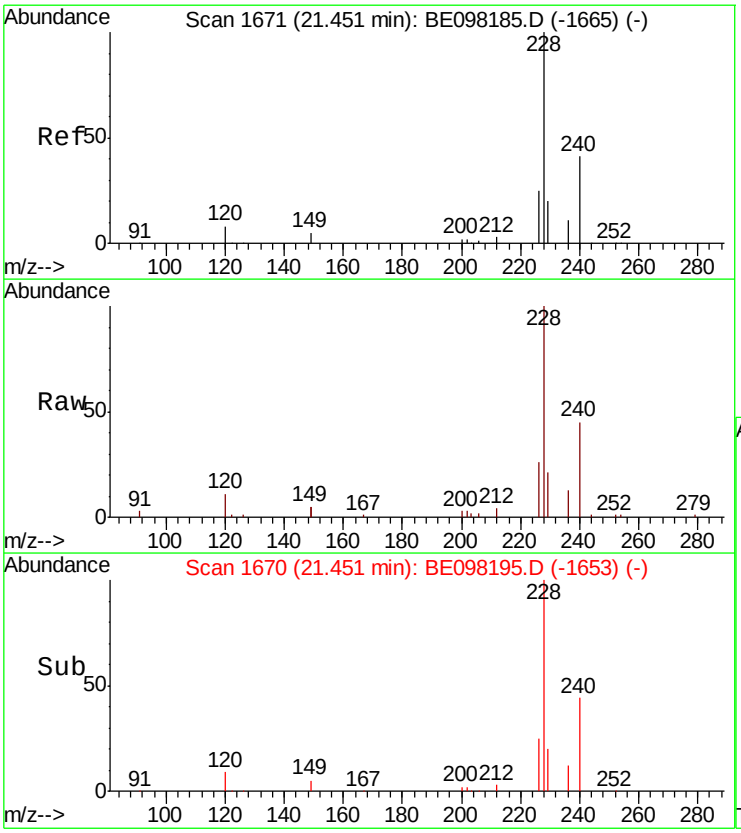
#29
Terphenyl-d14
Concen: 0.371 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 9151

Ion	Ratio	Lower	Upper
244	100		
212	34.3	26.8	40.2
122	9.2	7.0	10.6

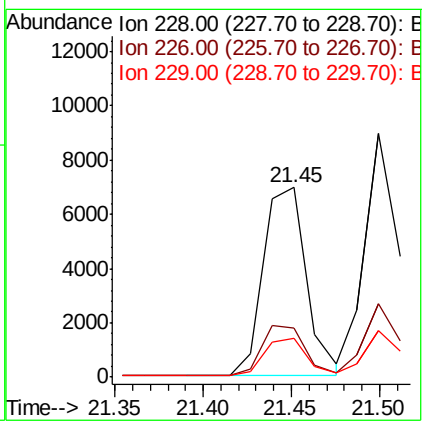


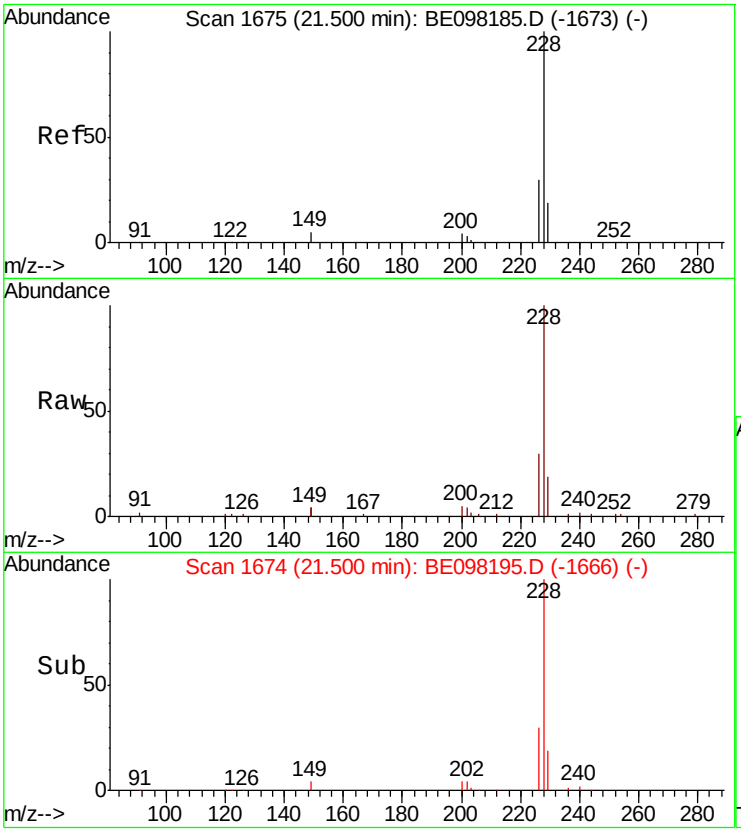


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:228 Resp: 11782

Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.7	31.1
229	20.7	16.2	24.4



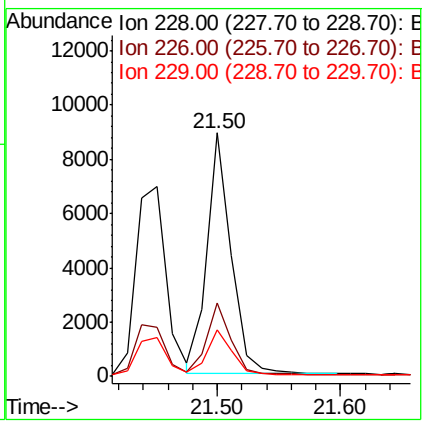


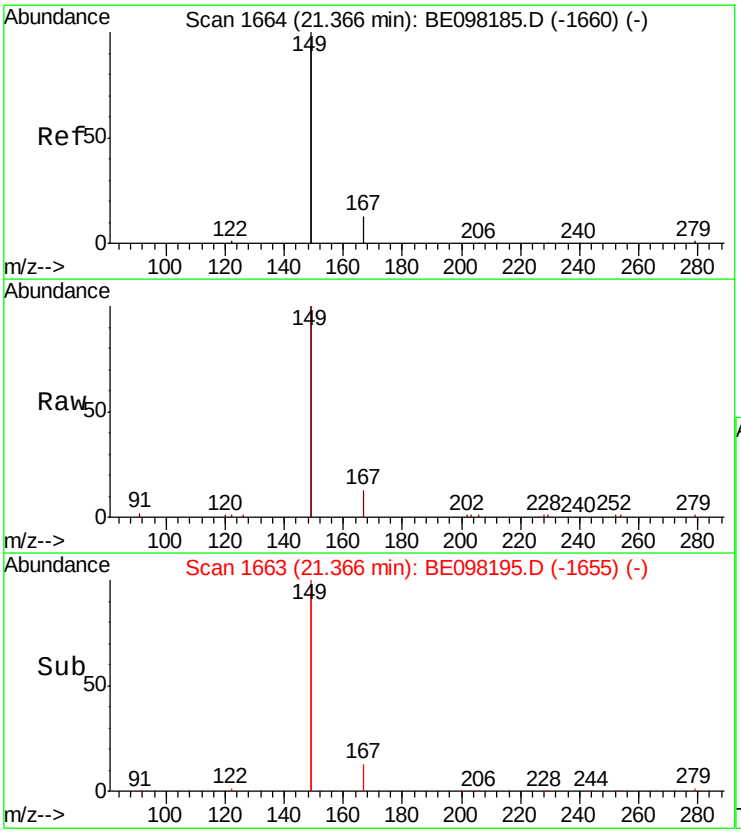
#31
Chrysene
Concen: 0.381 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 11966

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	36.8
229	19.3	16.0	24.0

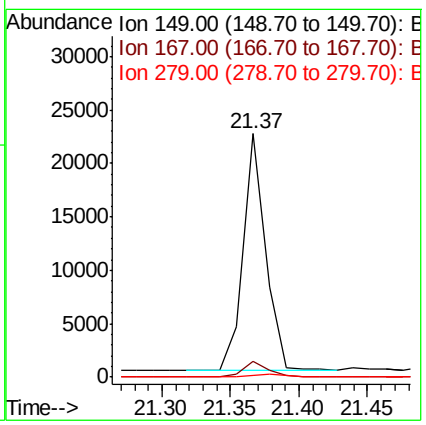


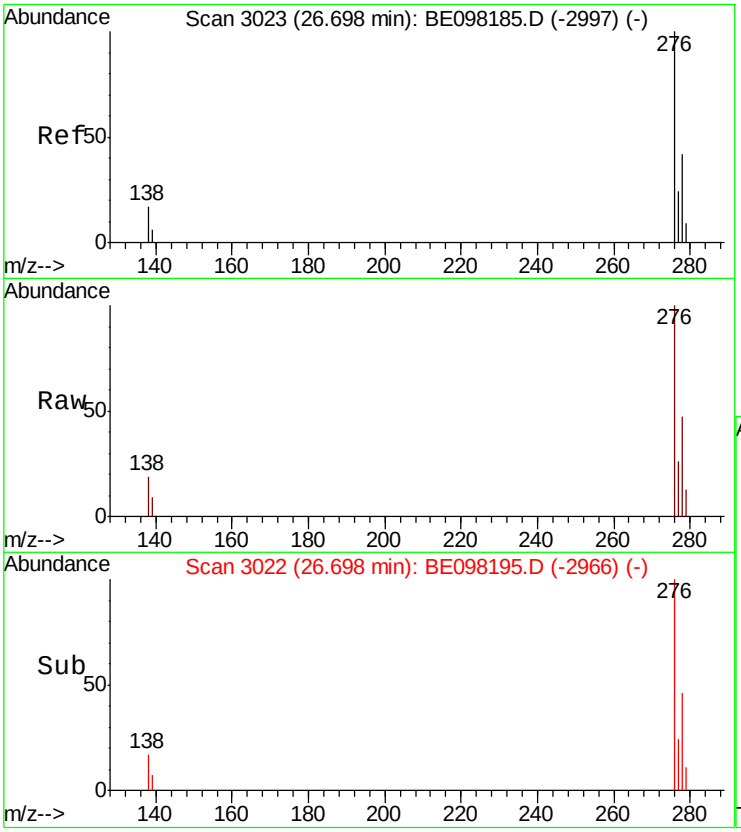


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.391 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:149 Resp: 25087

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.6	8.4
279	1.2	0.9	1.3



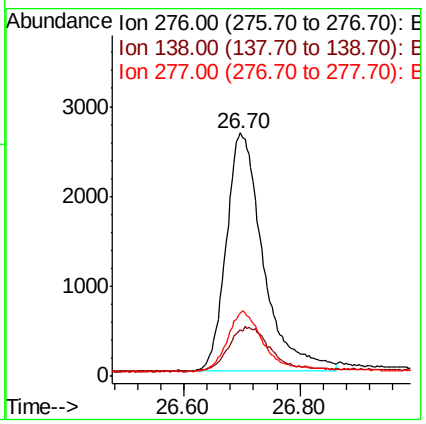


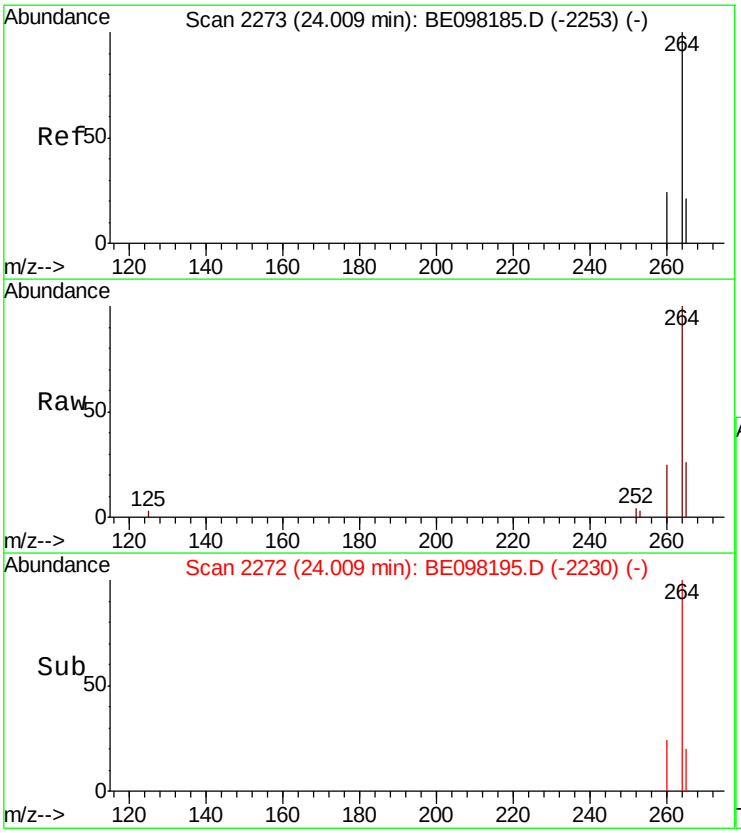
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 26.70 min Scan# 3022
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 11704

Ion	Ratio	Lower	Upper
276	100		
138	19.6	6.4	9.6#
277	24.2	18.9	28.3

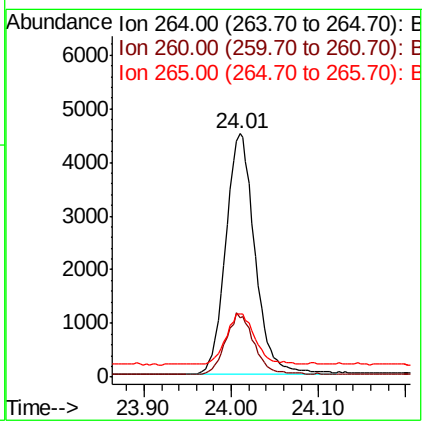


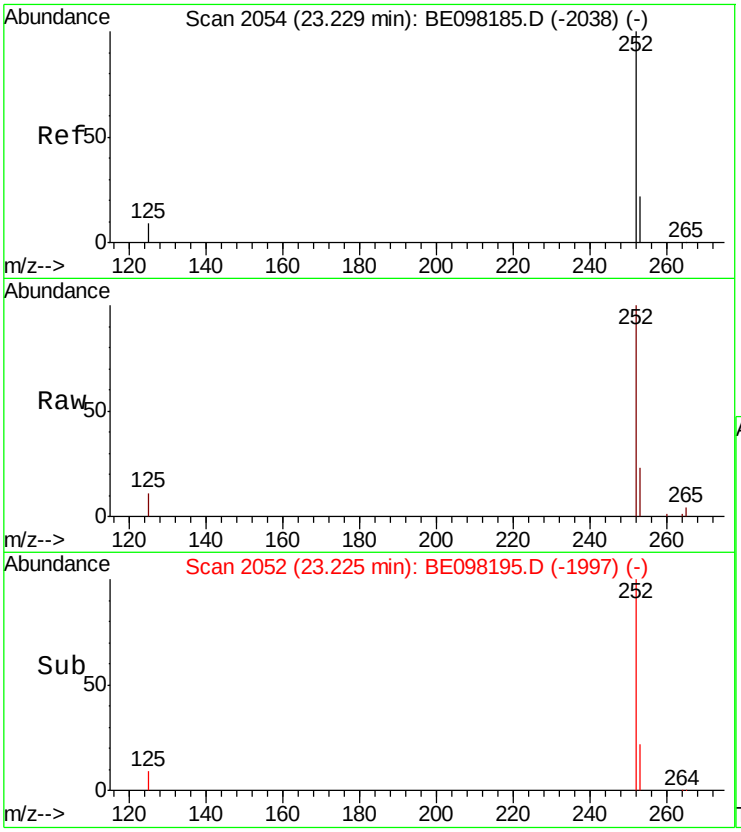


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:264 Resp: 10383

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	25.8	21.3	31.9



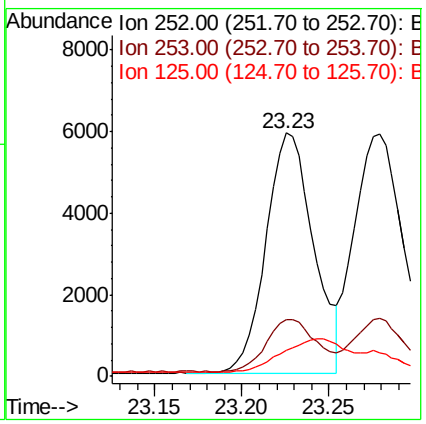


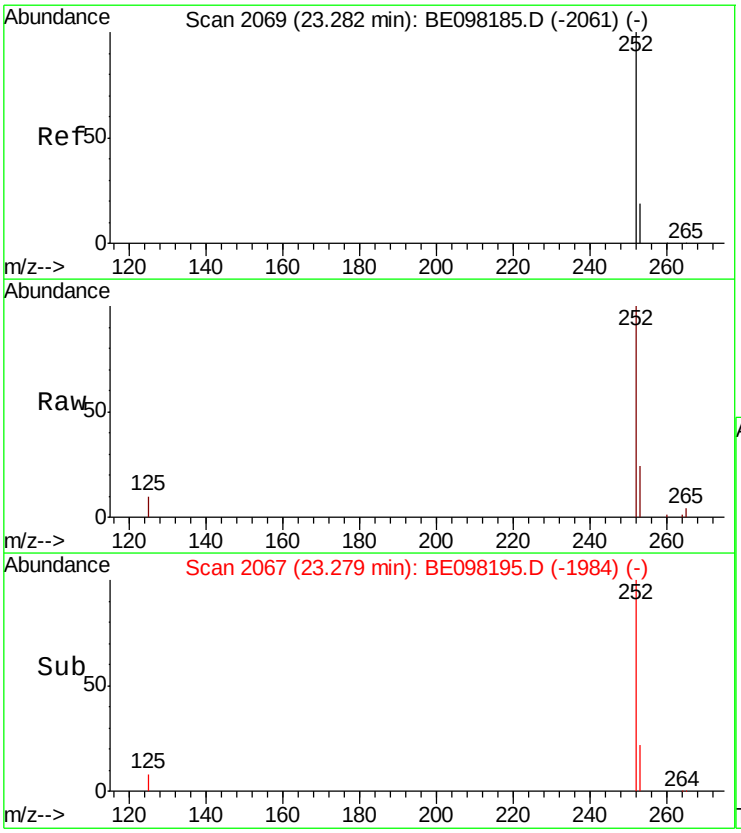
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.23 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11201

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.4	29.0
125	10.7	8.6	12.8

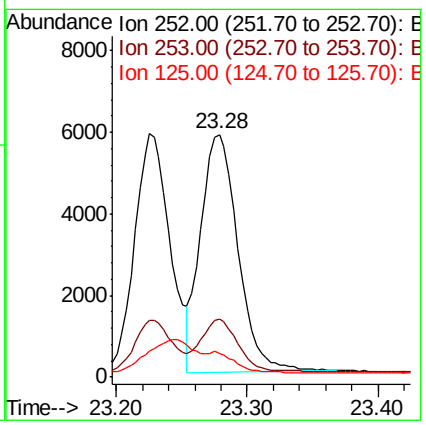


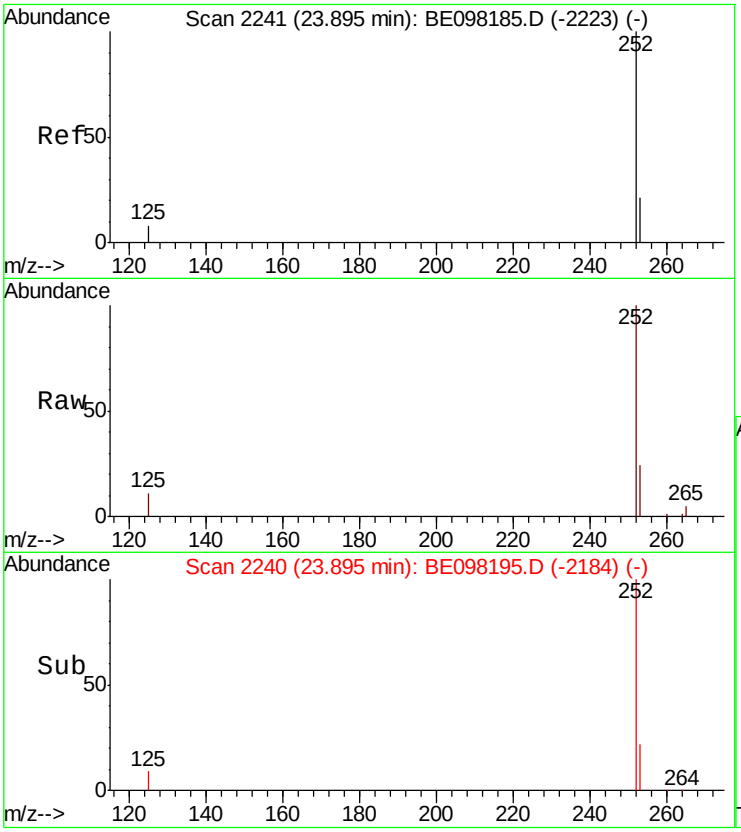


#36
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:252 Resp: 11533

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	28.0
125	9.9	7.4	11.0



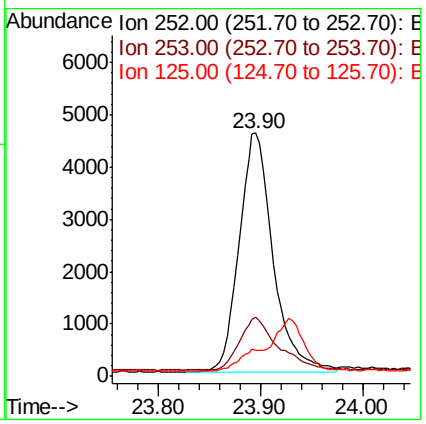


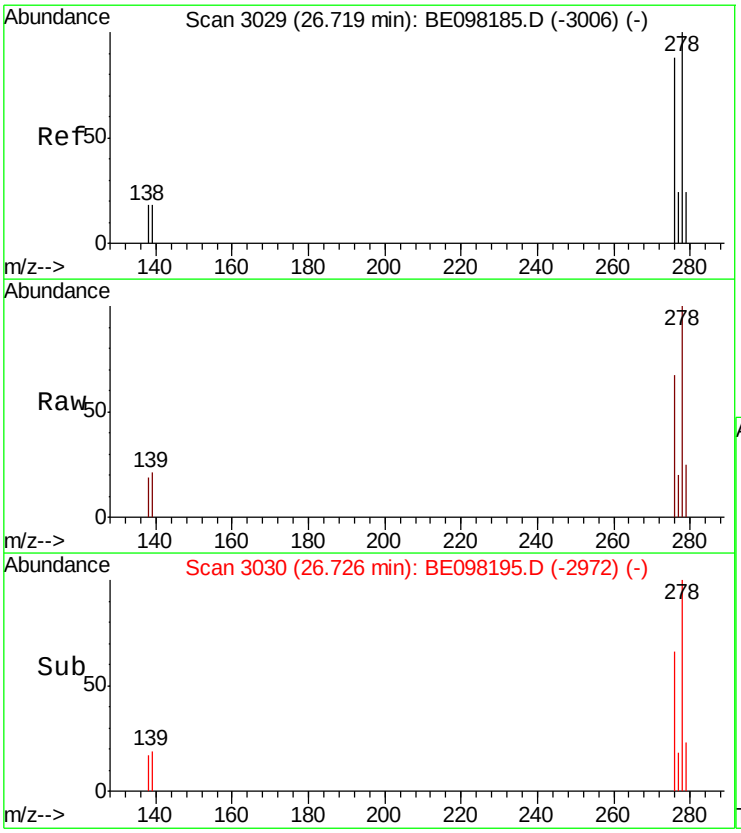
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.90 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10542

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	27.8
125	10.7	8.0	12.0

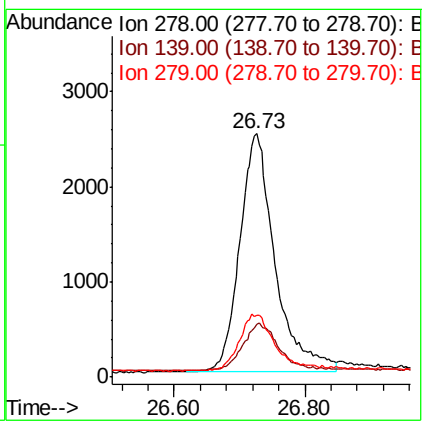


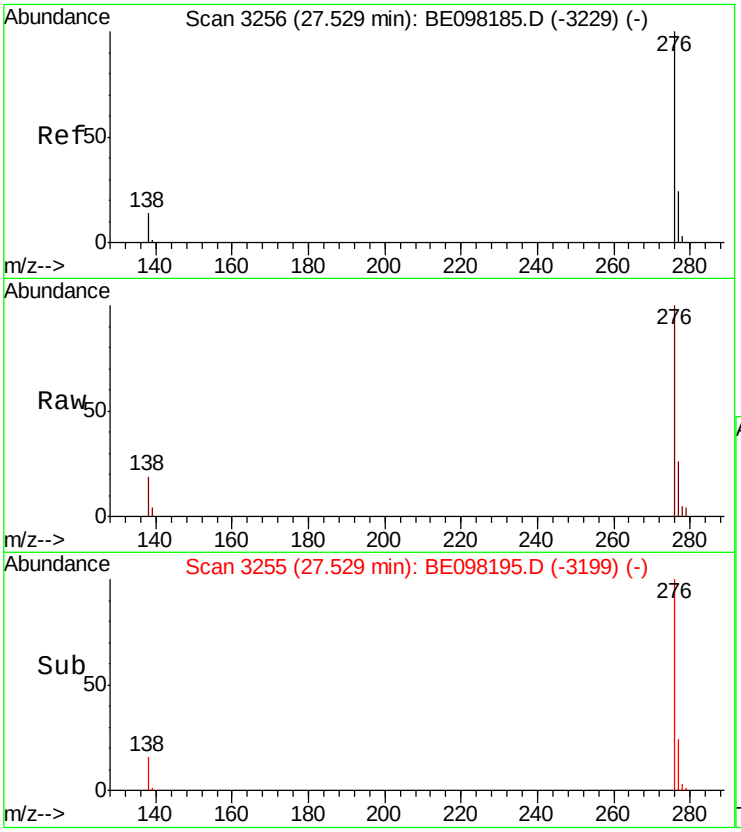


#38
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.01 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:278 Resp: 9484

Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.4	24.6
279	25.4	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9442

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.4	30.6
138	18.5	13.2	19.8