Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011619\

Quantitation Report (Not Reviewed)

Data File : BE098644.D
Acq On : 16 Jan 2019 22:42
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 17 00:13:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1007	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	4526	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	3110	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	7404	0.40	ng		0.00
27) Chrysene-d12	21.41	240	8546	0.40	ng		0.00
34) Perylene-d12	23.92	264	8296	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1046	0.39	ng		0.00
5) Phenol-d6	7.00	99	1552	0.41	ng		0.00
8) Nitrobenzene-d5	8.96	82	1597	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	2965	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	539	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4554	0.36	ng		0.00
25) Fluoranthene-d10	19.26	212	34439	0.38	ng		0.00
29) Terphenyl-d14	19.86	244	7083	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	635	0.332	ng		90
3) n-Nitrosodimethylamine	3.65	42	648	0.430	ng	#	87
6) bis(2-Chloroethyl)ether	7.23	93	1207	0.417	ng		81
9) Naphthalene	10.65	128	17279	0.383	ng		100
10) Hexachlorobutadiene	10.94	225	1300	0.403	ng		97
12) 2-Methylnaphthalene	12.28	142	2900	0.388	ng		98
16) Acenaphthylene	14.20	152	4939	0.367	ng		98
17) Acenaphthene	14.54	154	3168	0.375	ng		99
18) Fluorene	15.51	166	4135	0.376	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	1475	0.376	ng		92
21) Hexachlorobenzene	16.53	284	1818	0.384	ng		99
22) Pentachlorophenol	16.89	266	623	0.522	ng		97
23) Phenanthrene	17.27	178	6644	0.379	ng		100
24) Anthracene	17.36	178	5438	0.362	ng		99
26) Fluoranthene	19.29	202	8417	0.373	ng		99
28) Pyrene	19.65	202	8668	0.368	ng		99
30) Benzo(a)anthracene	21.39	228	8693	0.378	ng		97
31) Chrysene	21.45	228	8735	0.367	ng		98
32) Bis(2-ethylhexyl)phthalate	21.32	149	16946	0.348	ng		99
33) Indeno(1,2,3-cd)pyrene	26.57	276	9542	0.388	ng		99
35) Benzo(b)fluoranthene	23.15	252	8520	0.376	ng		100
36) Benzo(k)fluoranthene	23.20	252	9230	0.373	ng		99
37) Benzo(a)pyrene	23.81	252	8306	0.374	ng		96
38) Dibenzo(a,h)anthracene	26.59	278	7728	0.393	ng		98
39) Benzo(g,h,i)perylene	27.38	276	8110	0.376	ng		99

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

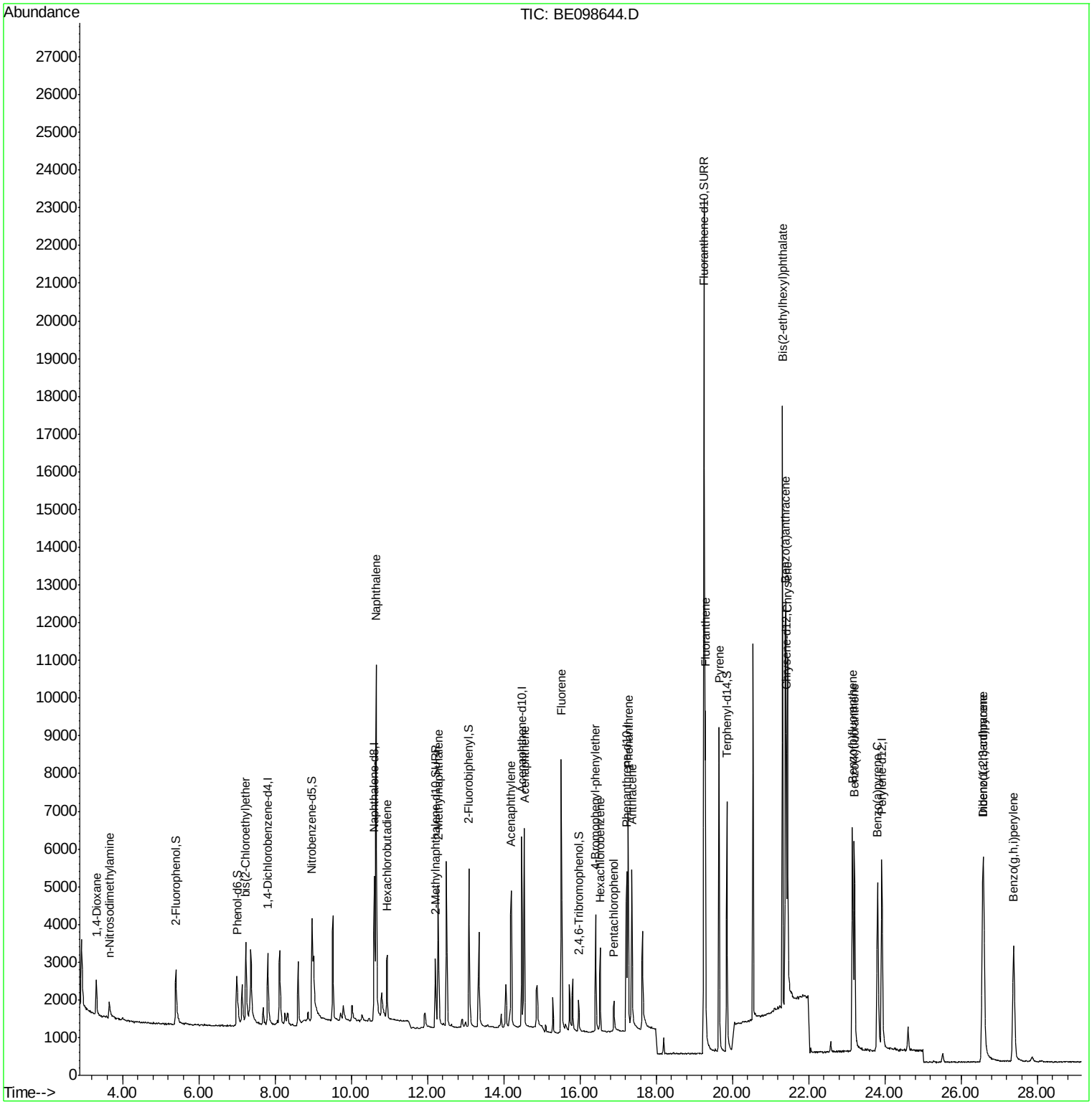
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011619\

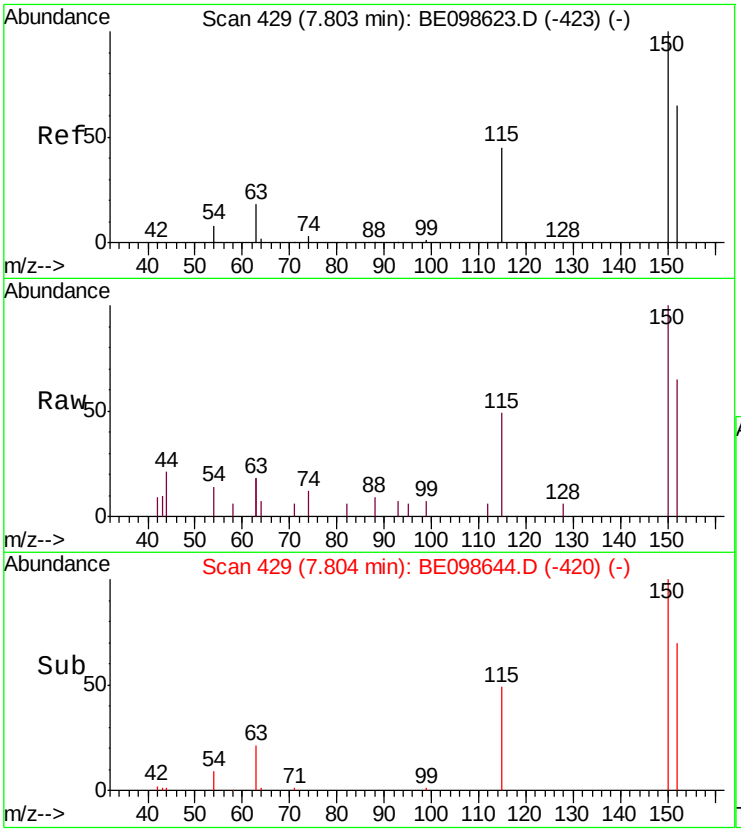
Quantitation Report (Not Reviewed)

Data File : BE098644.D
Acq On : 16 Jan 2019 22:42
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 17 00:13:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration



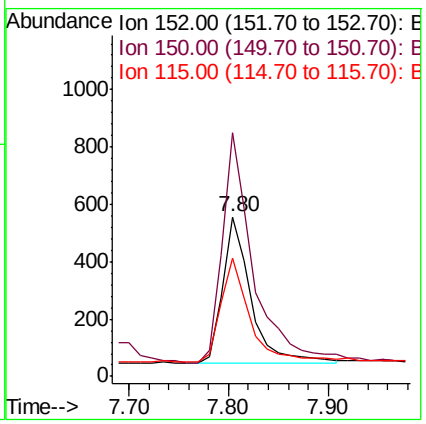


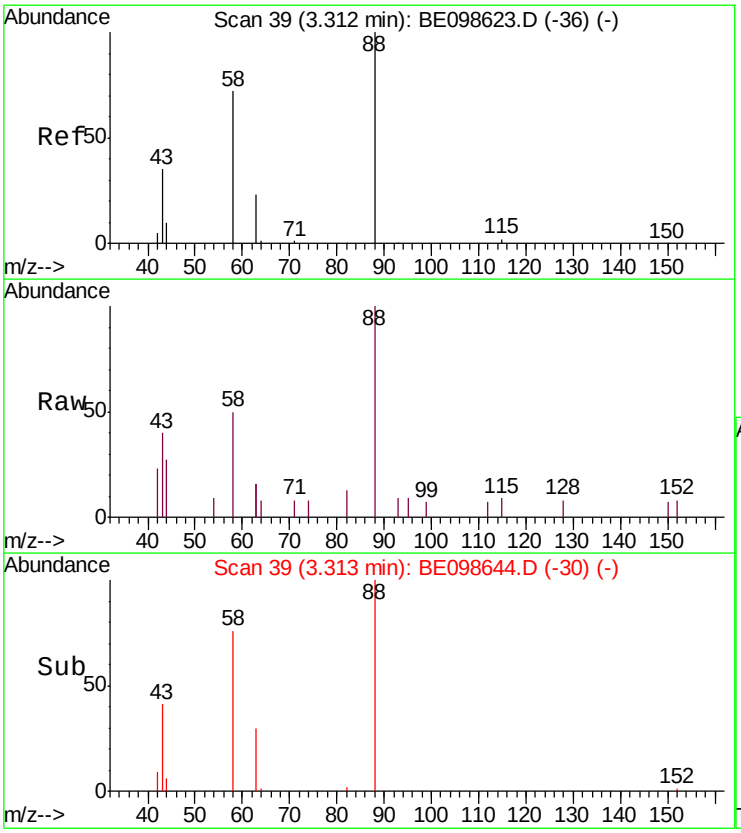
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1007

Ion	Ratio	Lower	Upper
152	100		
150	152.7	121.4	182.2
115	74.3	59.1	88.7

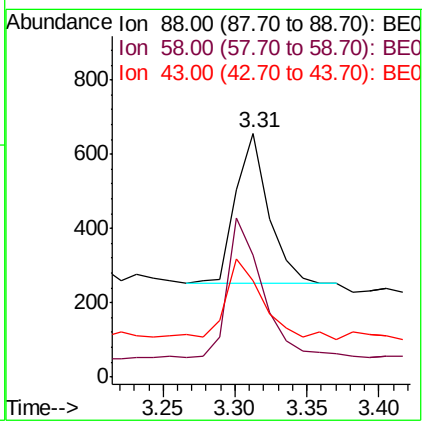


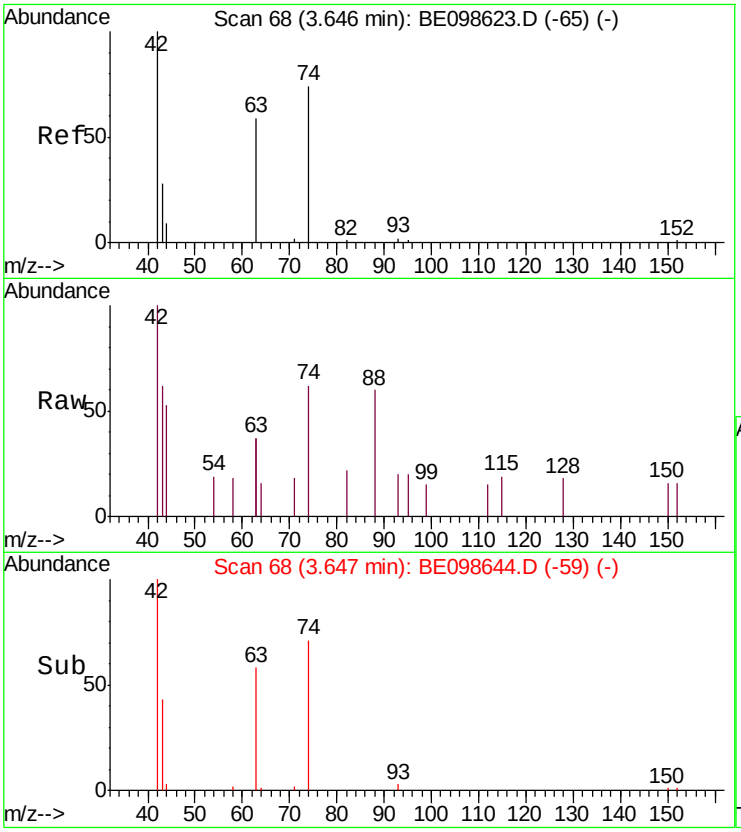


#2
1,4-Dioxane
Concen: 0.332 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion: 88 Resp: 635

Ion	Ratio	Lower	Upper
88	100		
58	100.3	73.9	110.9
43	64.6	43.7	65.5



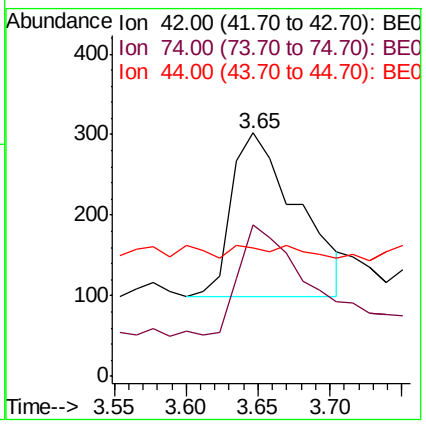


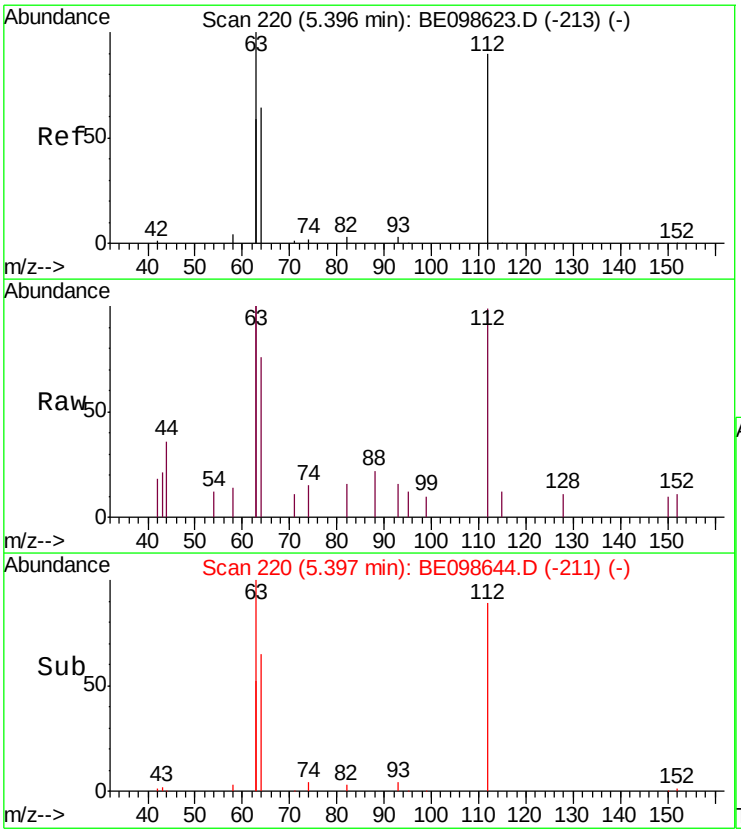
#3
n-Nitrosodimethylamine
Concen: 0.430 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 648

Ion	Ratio	Lower	Upper
42	100		
74	63.0	58.9	88.3
44	7.4	0.0	0.0#

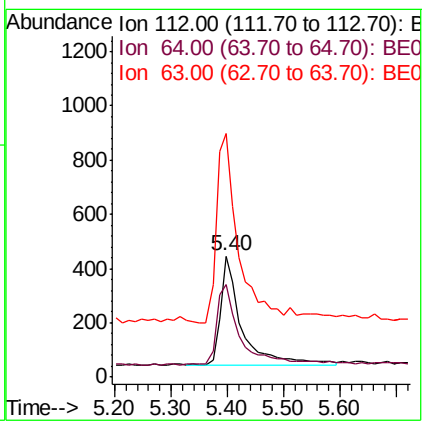


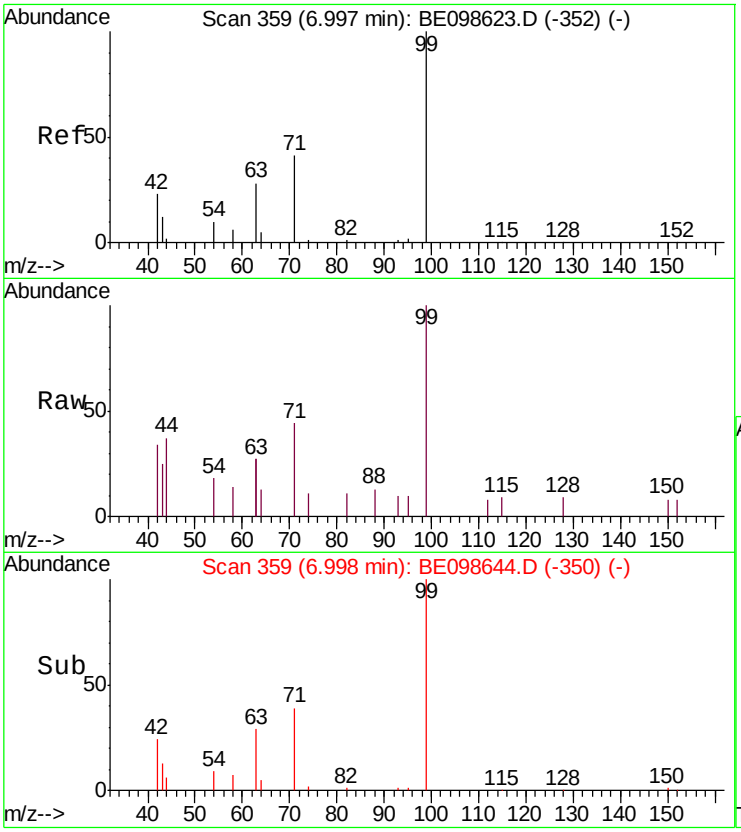


#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:112 Resp: 1046

Ion	Ratio	Lower	Upper
112	100		
64	82.0	62.9	94.3
63	177.6	152.2	228.4



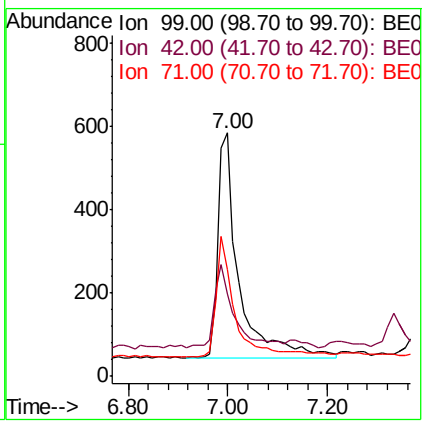


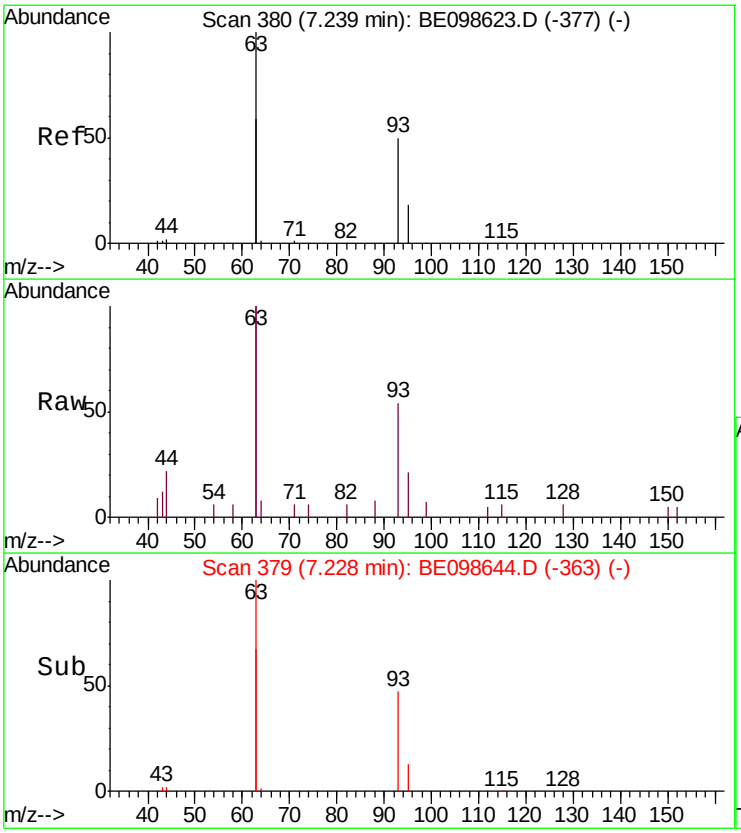
#5
Phenol-d6
Concen: 0.406 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1552

Ion	Ratio	Lower	Upper
99	100		
42	34.7	24.6	37.0
71	47.6	35.1	52.7

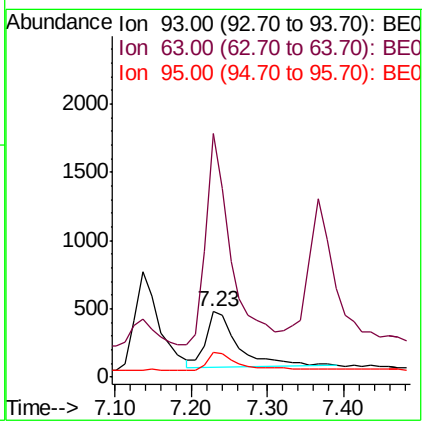


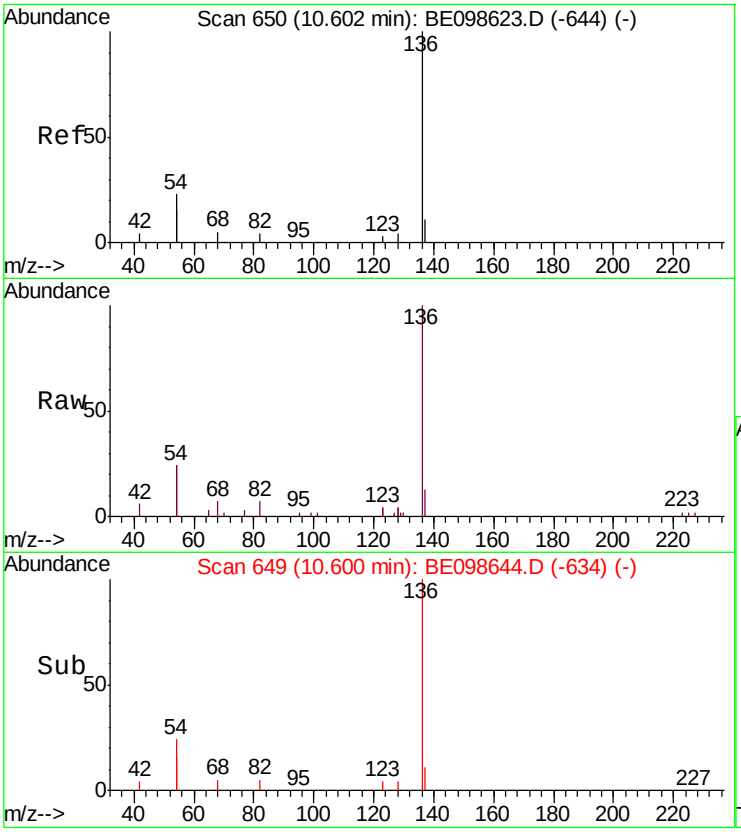


#6
bis(2-Chloroethyl)ether
Concen: 0.417 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion: 93 Resp: 1207

Ion	Ratio	Lower	Upper
93	100		
63	290.8	267.3	400.9
95	30.7	26.2	39.4



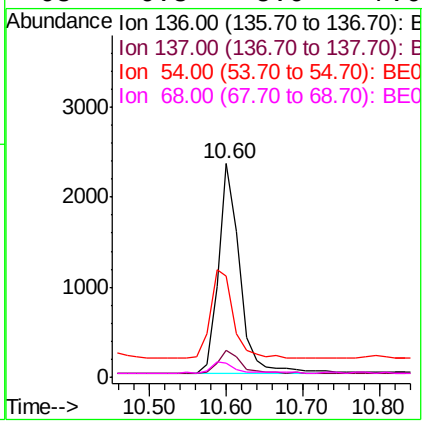


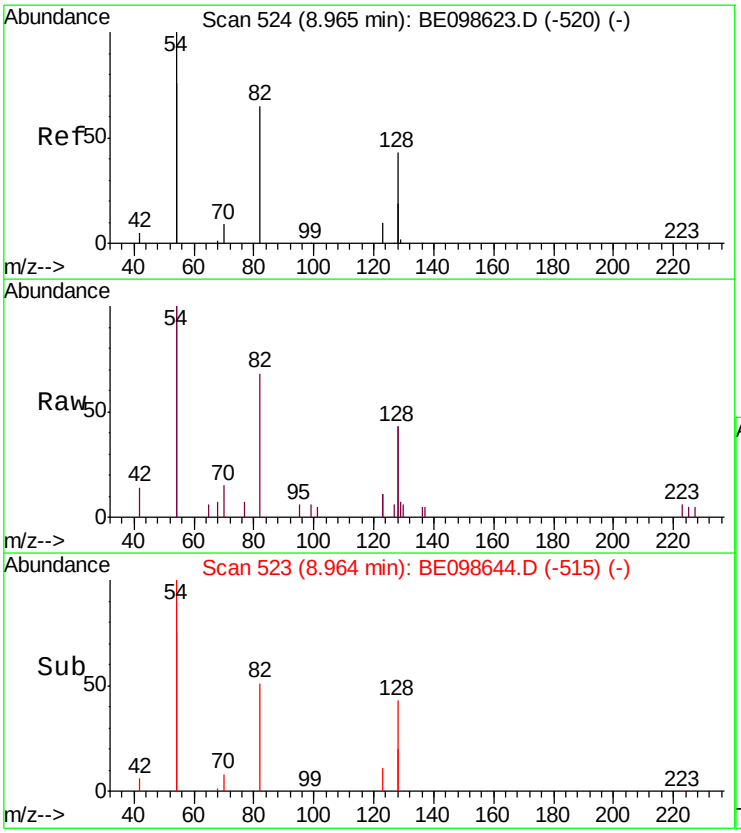
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 4526

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.7	14.5
54	47.5	35.5	53.3
68	6.8	5.0	7.6

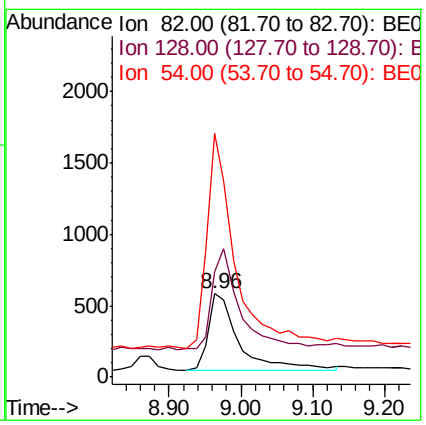


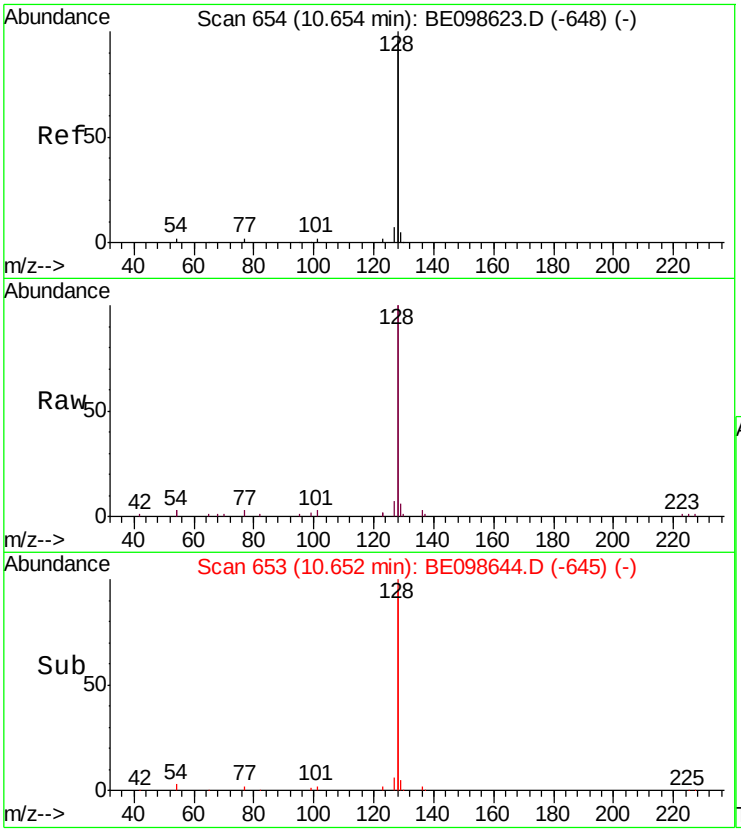


#8
Nitrobenzene-d5
Concen: 0.445 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion: 82 Resp: 1597

Ion	Ratio	Lower	Upper
82	100		
128	126.2	96.5	144.7
54	292.6	224.7	337.1



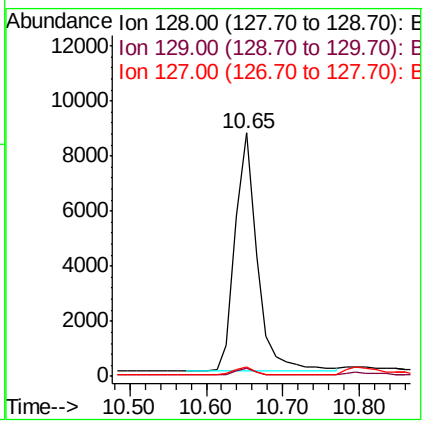


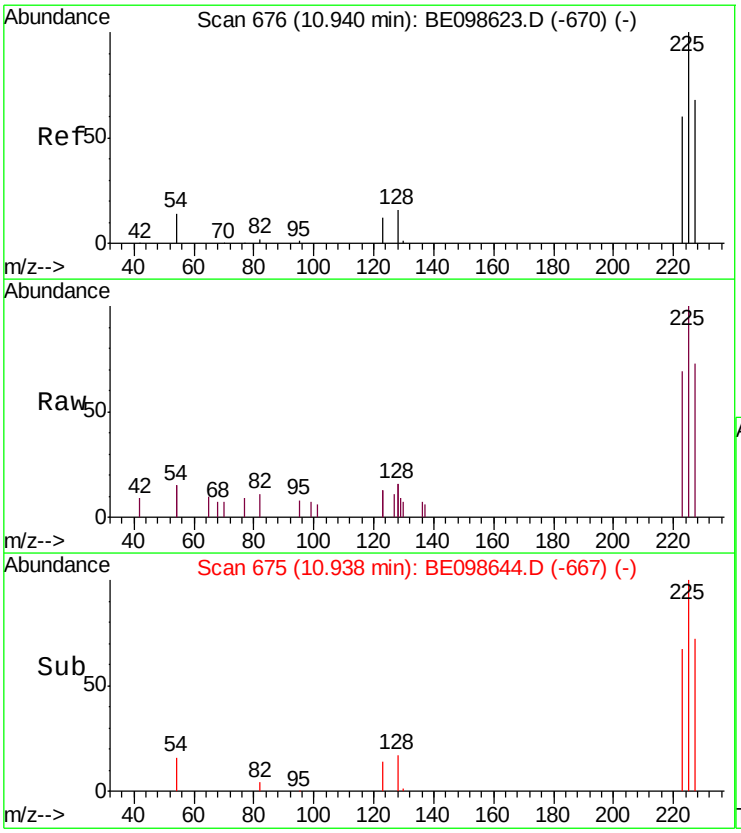
#9
Naphthalene
Concen: 0.383 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 17279

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.7	3.0	4.6

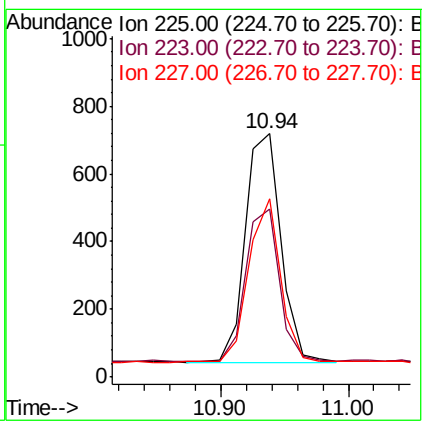


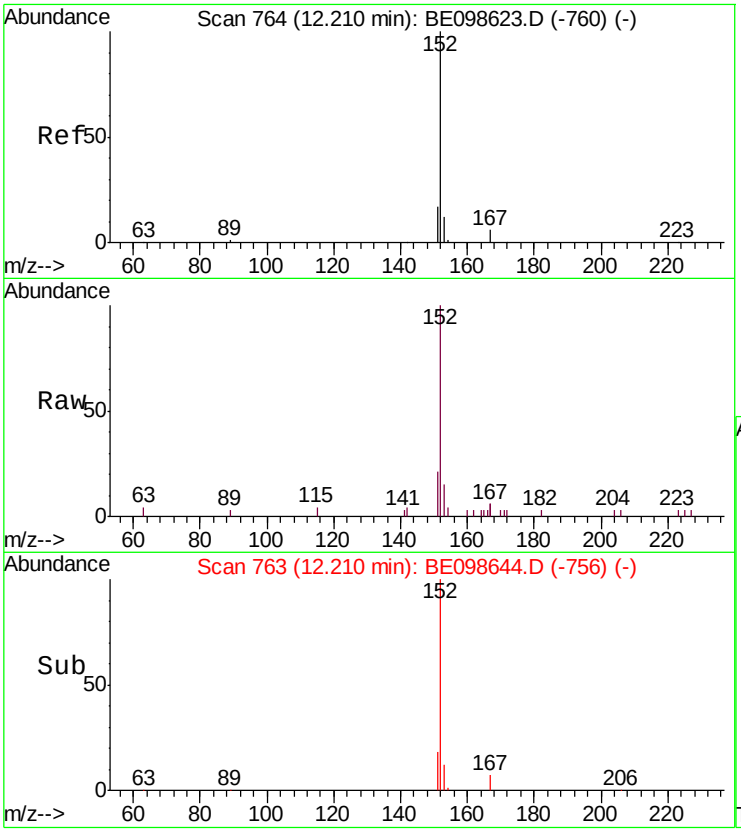


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:225 Resp: 1300

Ion	Ratio	Lower	Upper
225	100		
223	63.4	47.8	71.8
227	63.5	50.5	75.7



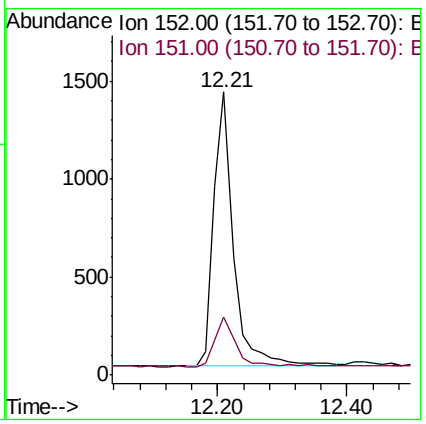


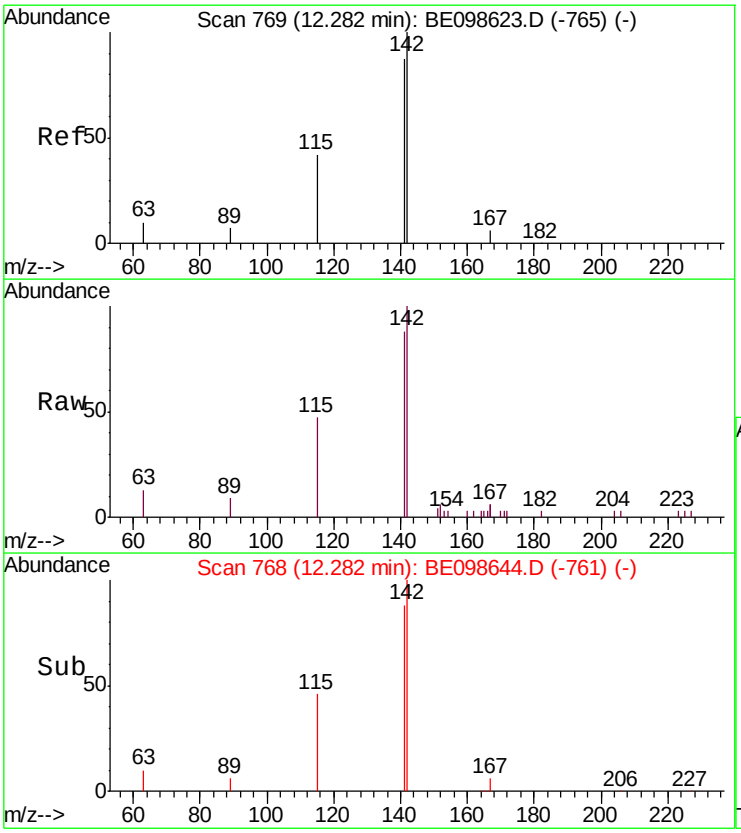
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2965

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4

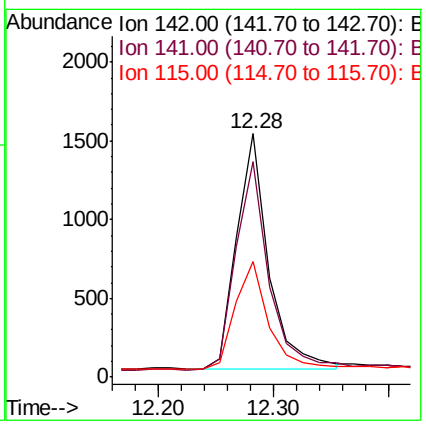


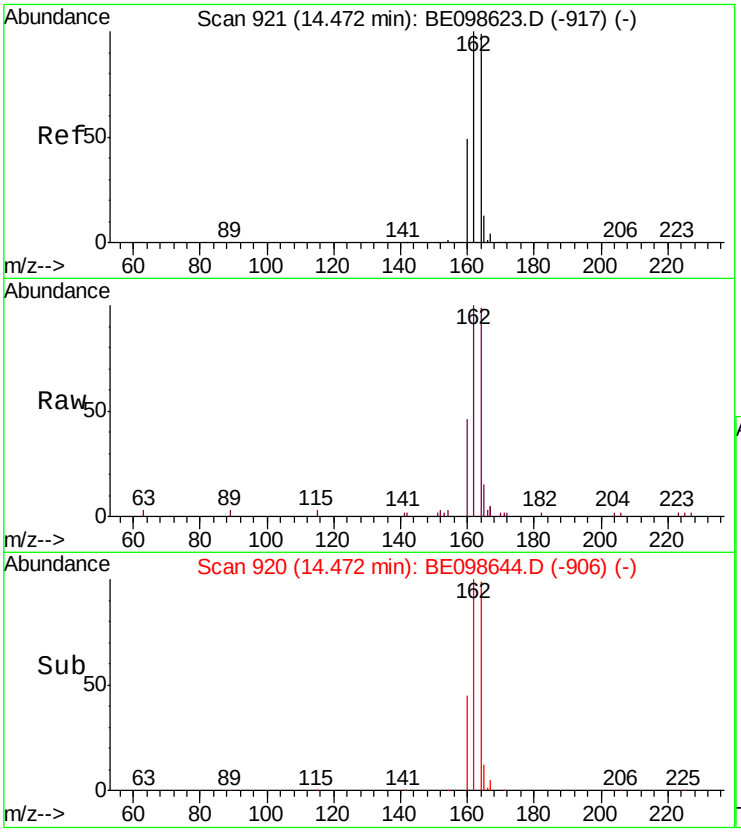


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:142 Resp: 2900

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.0	105.0
115	47.4	35.2	52.8



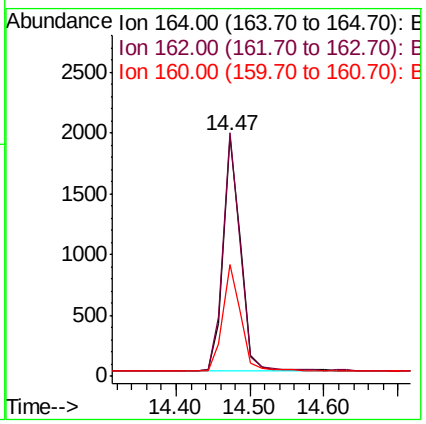


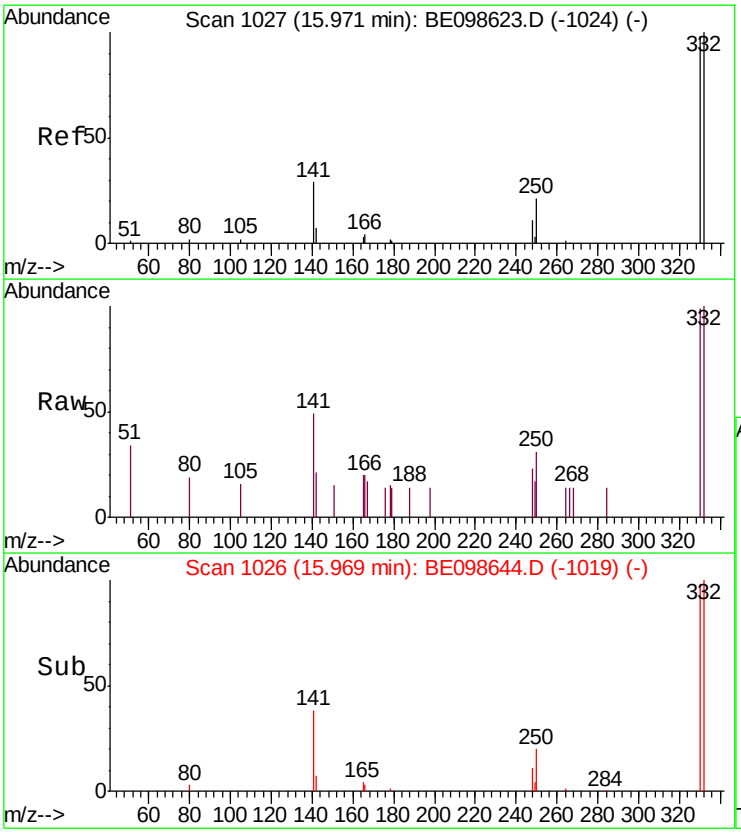
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3110

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.5	120.7
160	46.7	40.1	60.1

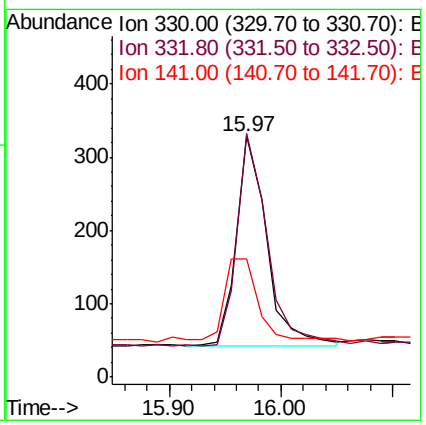


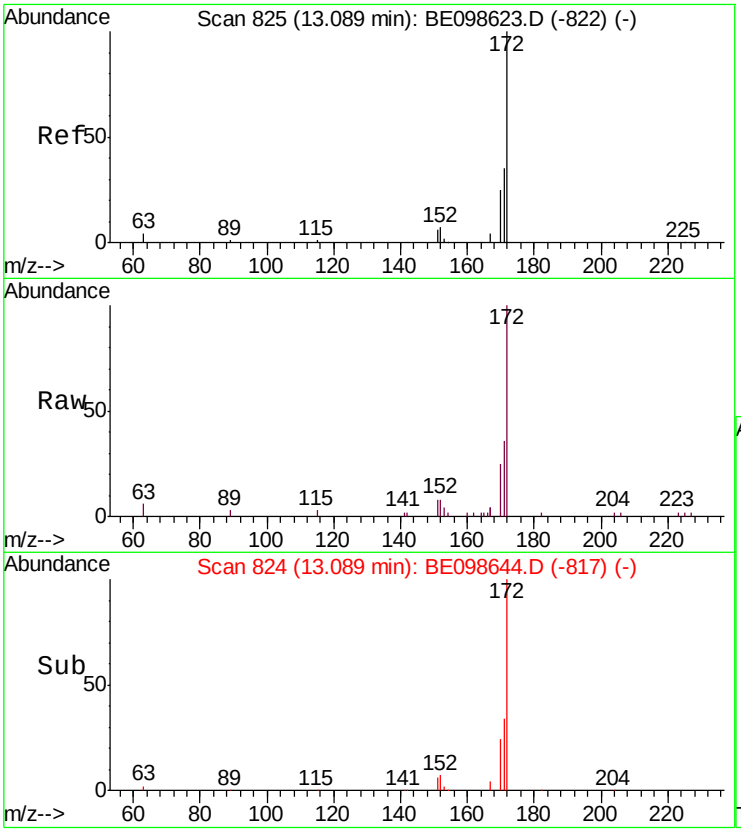


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:330 Resp: 539

Ion	Ratio	Lower	Upper
330	100		
332	103.5	73.3	109.9
141	43.2	33.1	49.7



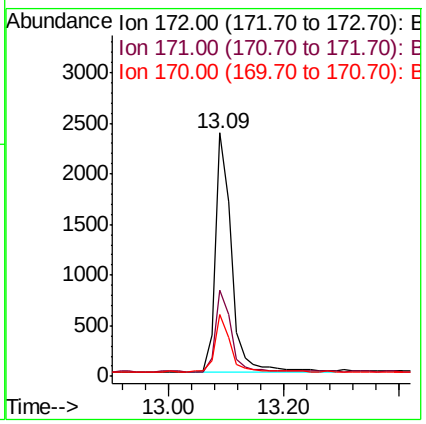


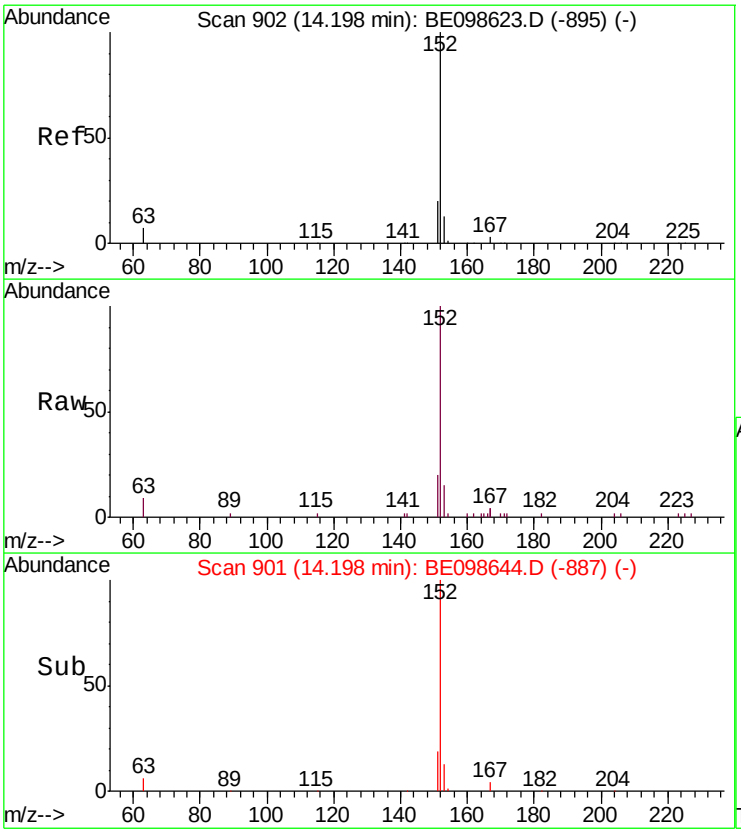
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4554

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	25.4	20.8	31.2

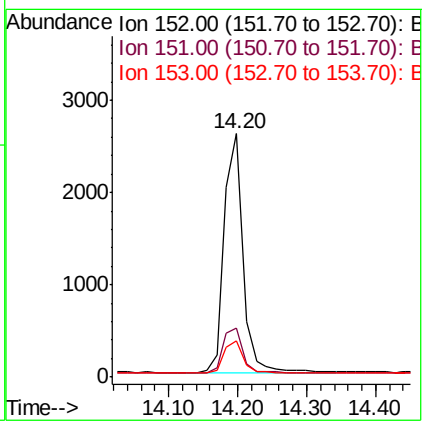


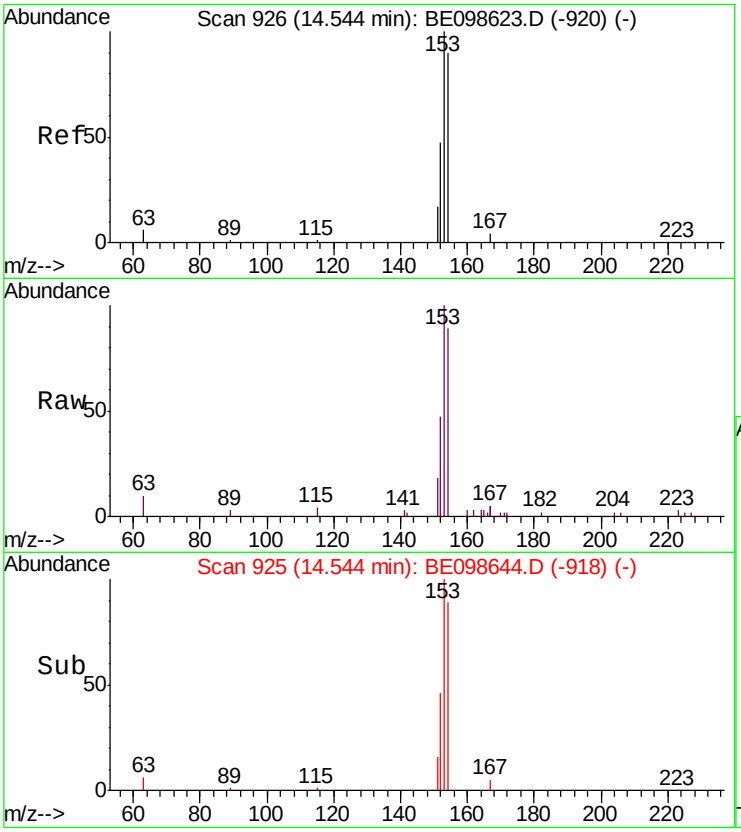


#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:152 Resp: 4939

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	14.4	10.7	16.1



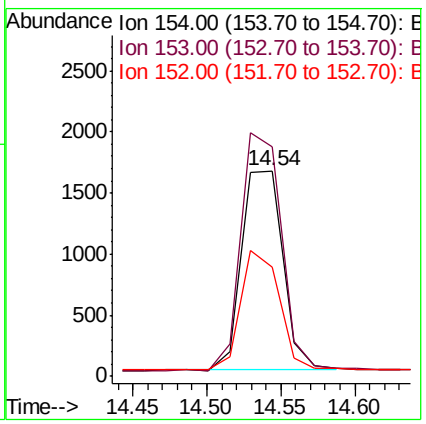


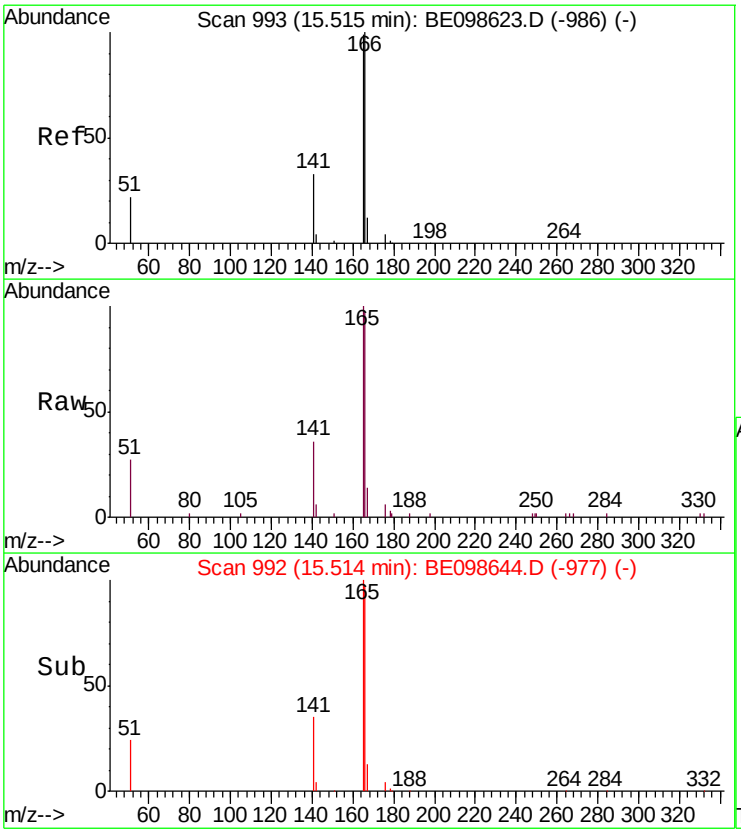
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3168

Ion	Ratio	Lower	Upper
154	100		
153	117.3	93.9	140.9
152	56.2	45.8	68.8

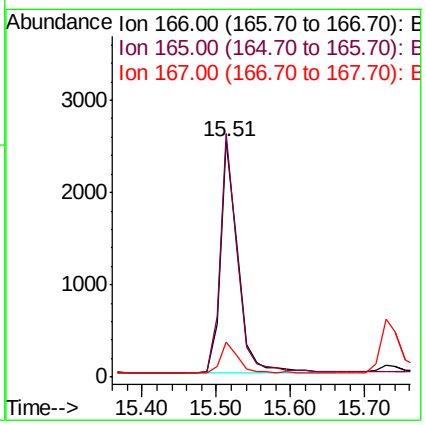


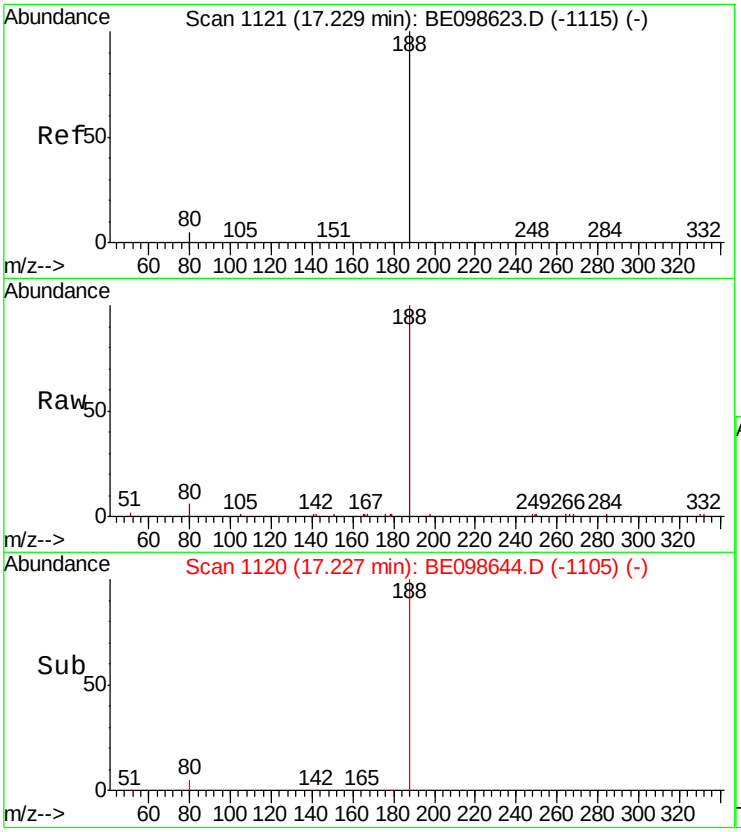


#18
Fluorene
Concen: 0.376 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:166 Resp: 4135

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.3	118.9
167	13.4	10.6	15.8



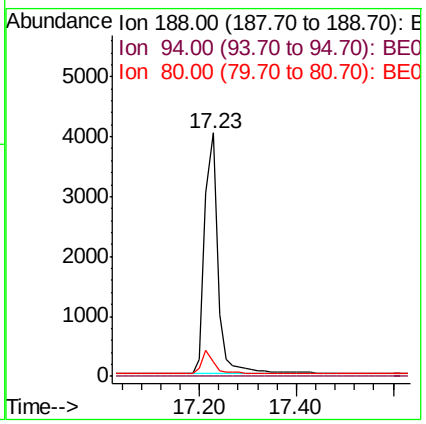


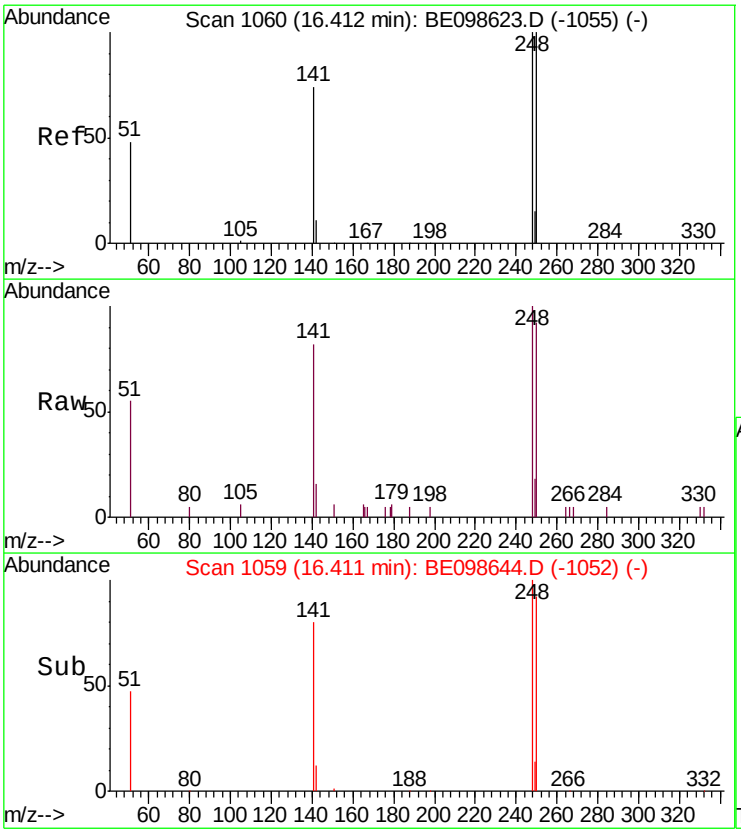
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 7404

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	4.7	7.1

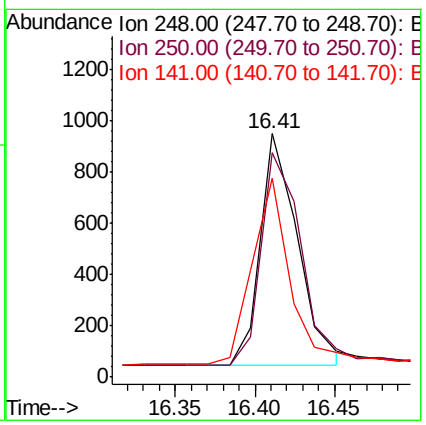


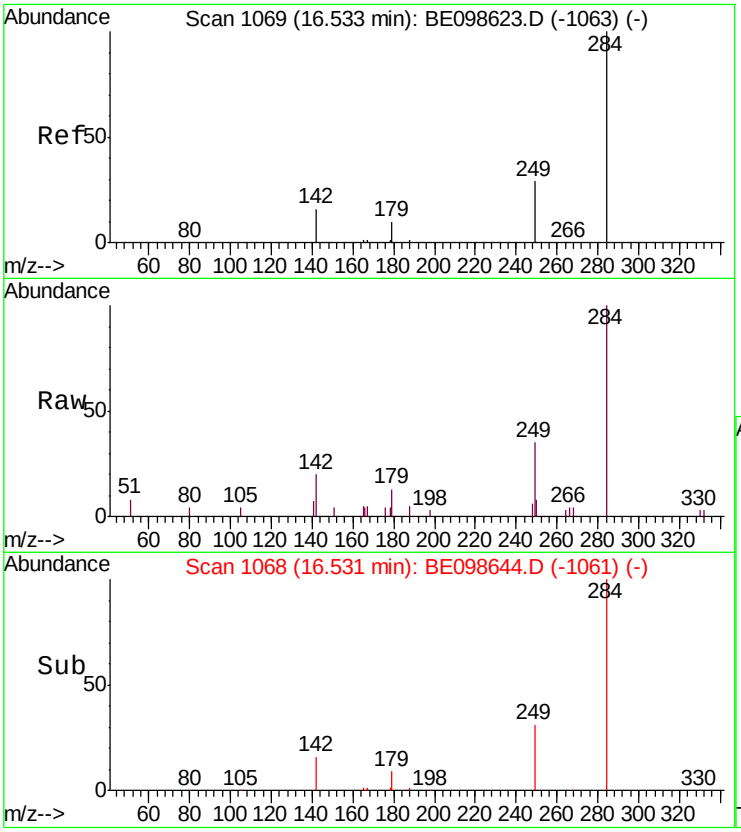


#20
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:248 Resp: 1475

Ion	Ratio	Lower	Upper
248	100		
250	92.1	80.2	120.4
141	81.6	60.5	90.7



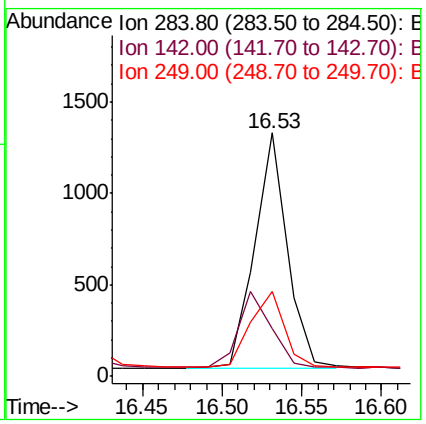


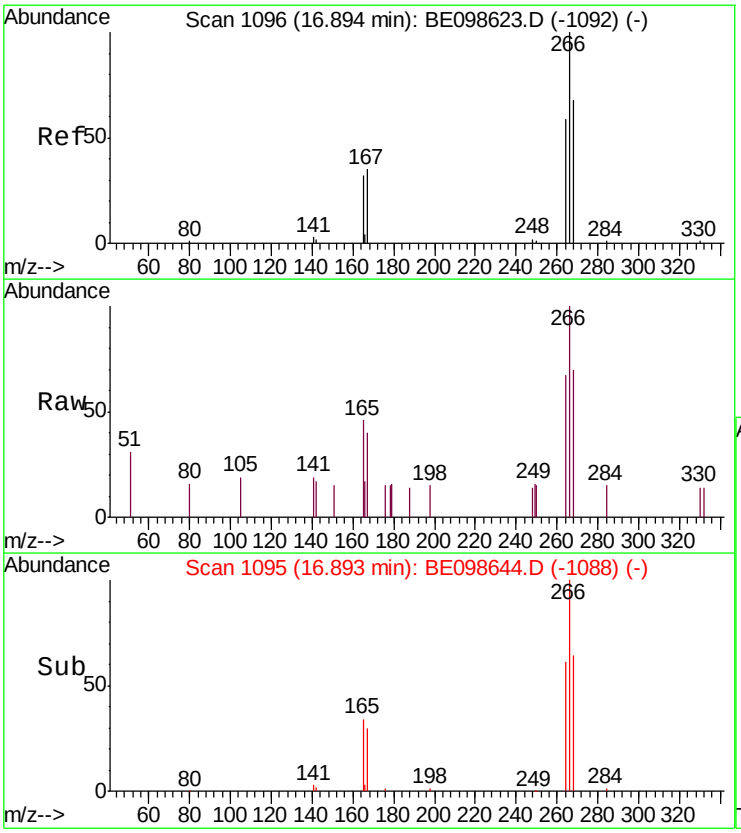
#21
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1818

Ion	Ratio	Lower	Upper
284	100		
142	32.7	25.5	38.3
249	33.3	26.6	39.8

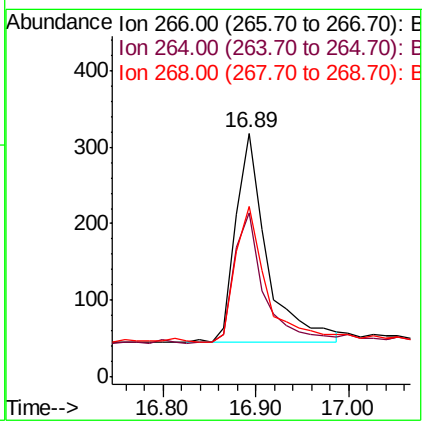


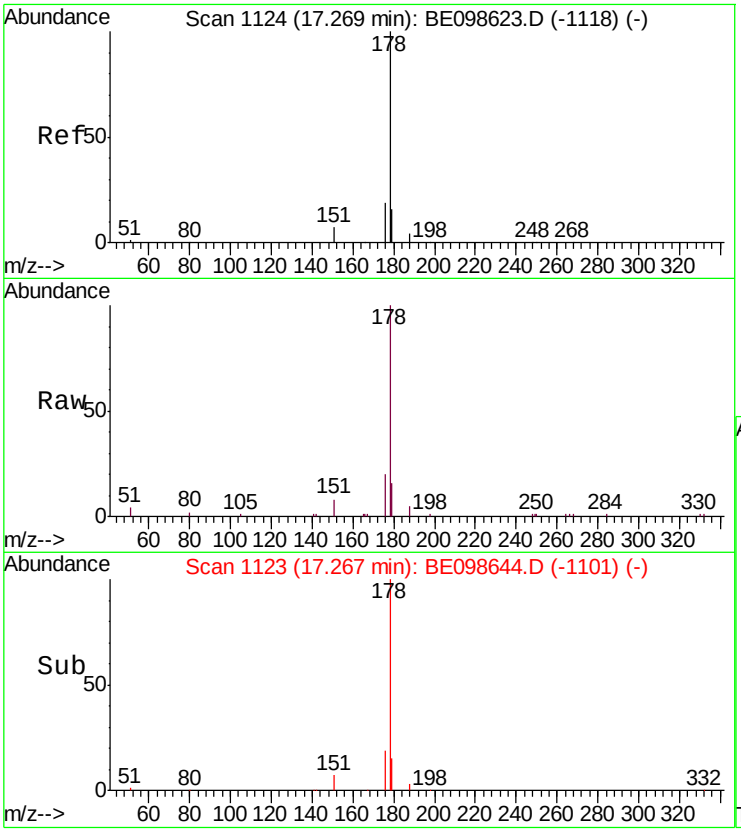


#22
Pentachlorophenol
Concen: 0.522 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:266 Resp: 623

Ion	Ratio	Lower	Upper
266	100		
264	67.3	53.7	80.5
268	70.1	59.8	89.8



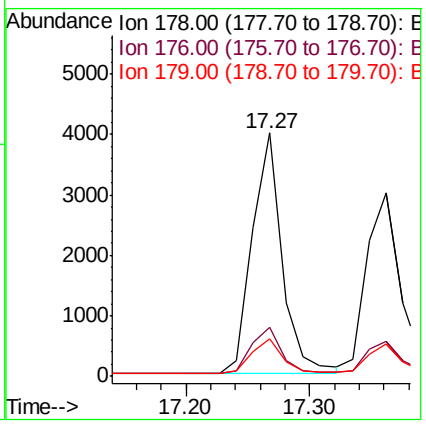


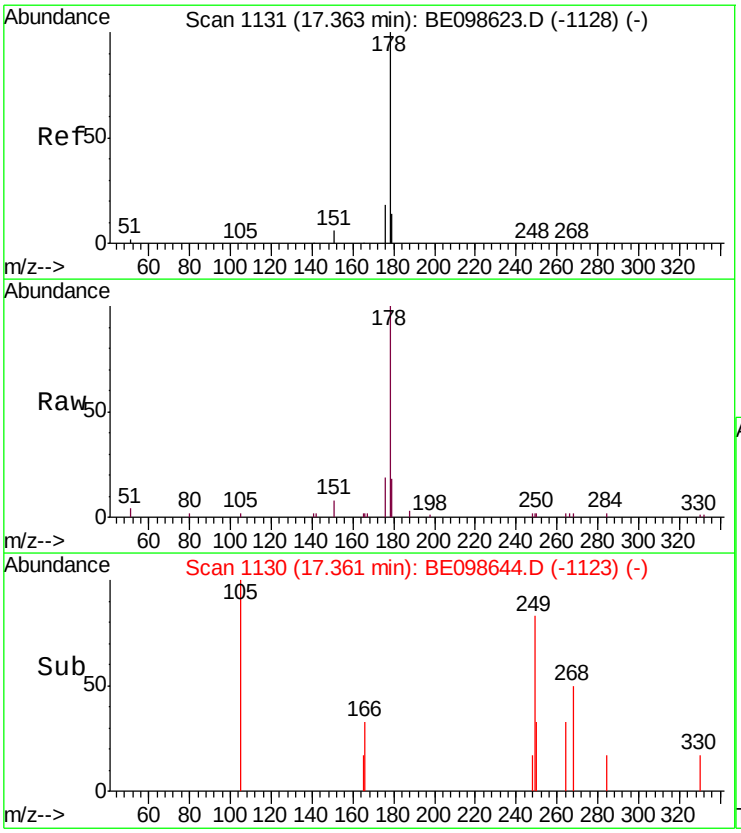
#23
Phenanthrene
Concen: 0.379 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6644

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.1	12.2	18.4

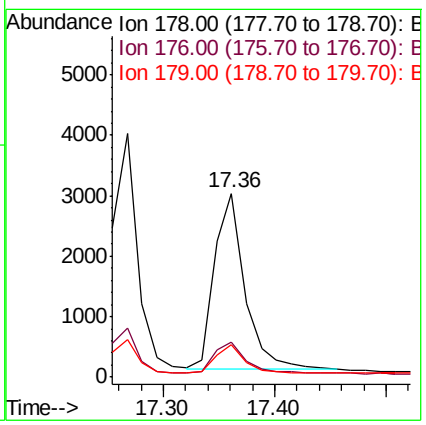


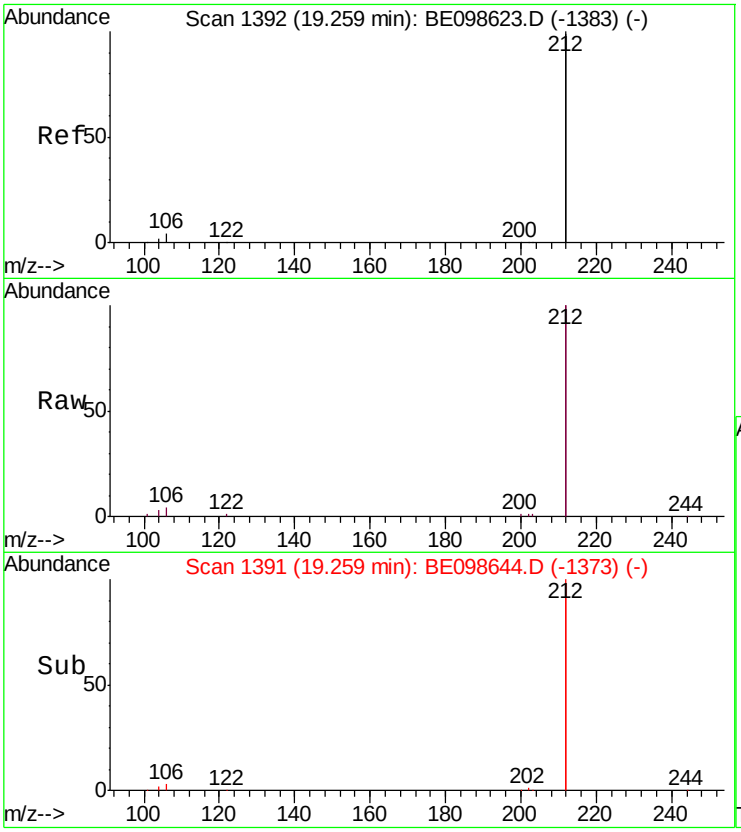


#24
Anthracene
Concen: 0.362 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:178 Resp: 5438

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.6	11.8	17.8



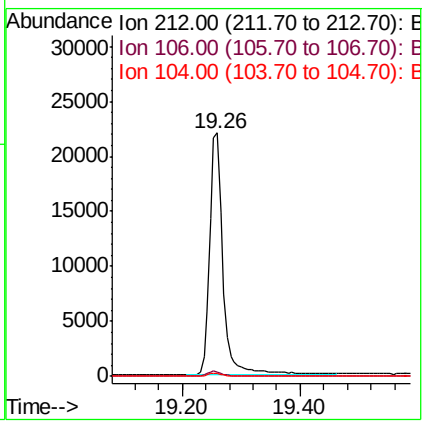


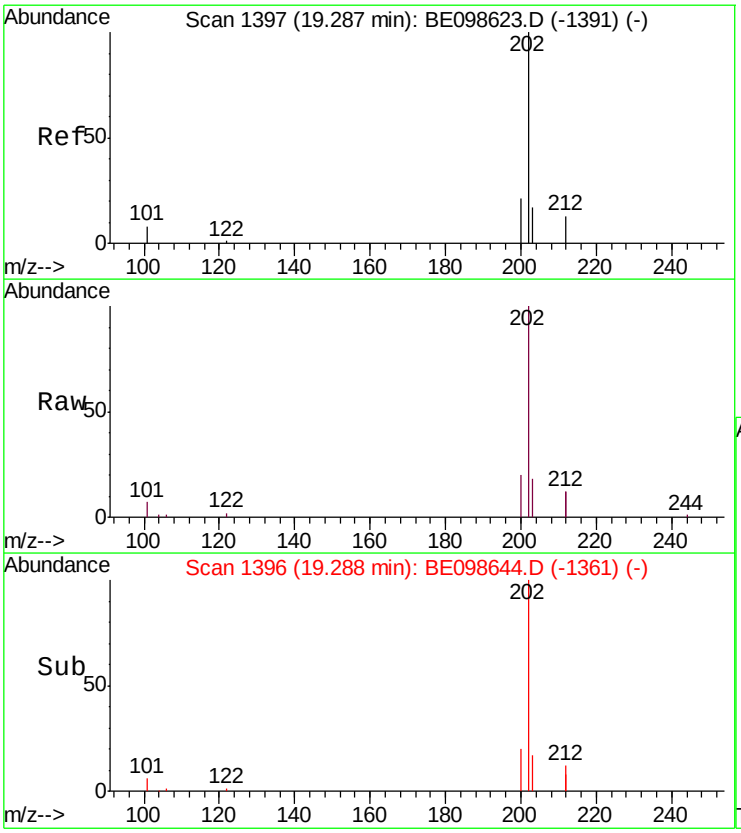
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 34439

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.7	2.5
104	1.2	1.0	1.6

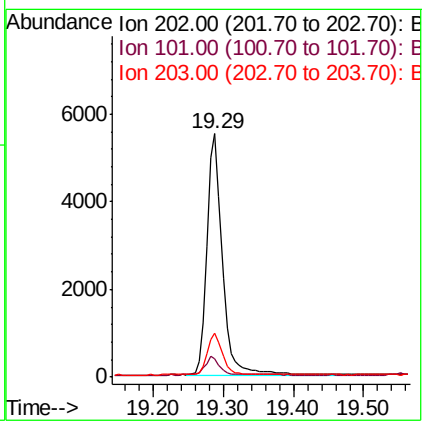


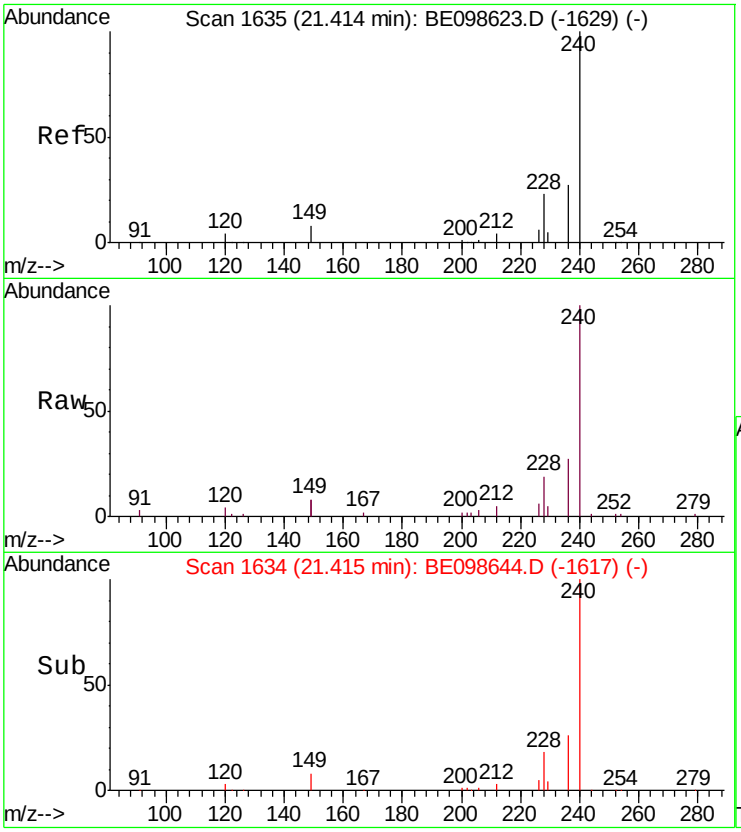


#26
Fluoranthene
Concen: 0.373 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:202 Resp: 8417

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.7	10.1
203	16.4	13.3	19.9



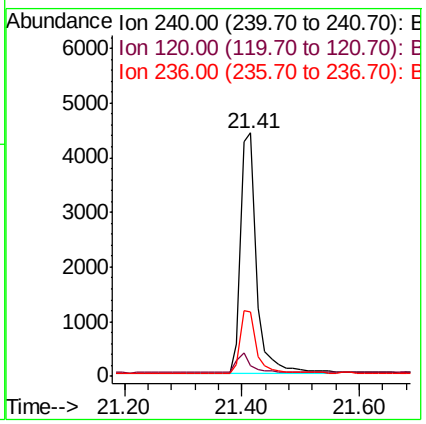


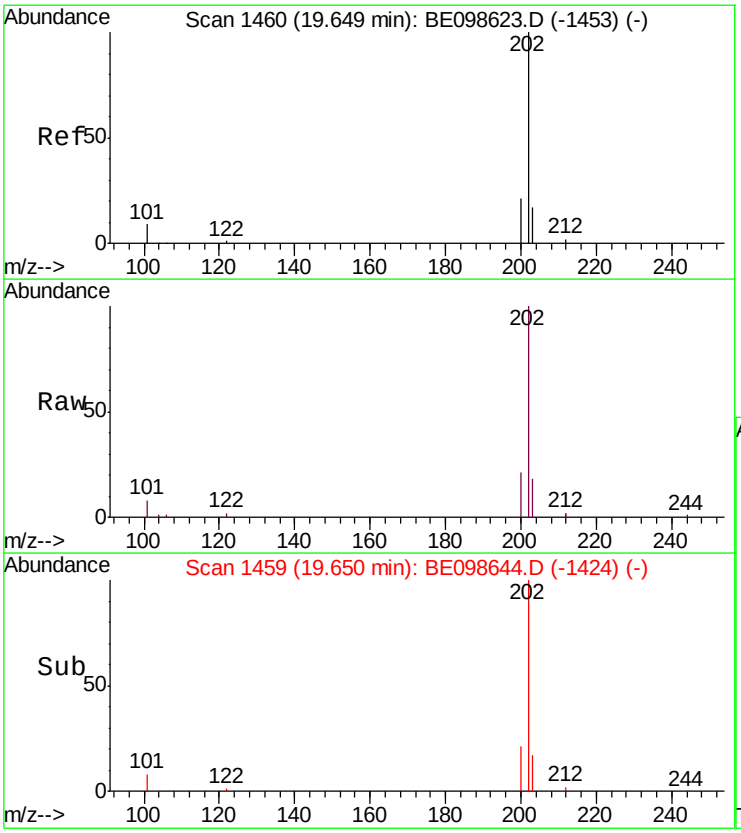
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8546

Ion	Ratio	Lower	Upper
240	100		
120	4.4	4.7	7.1#
236	26.5	21.9	32.9

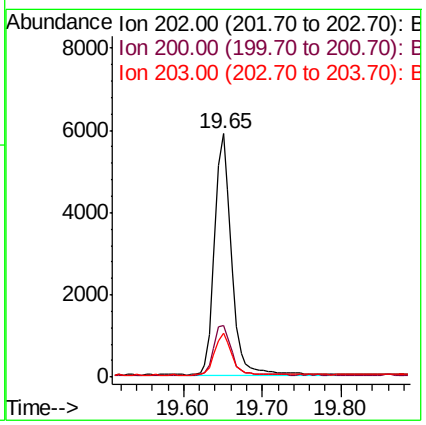


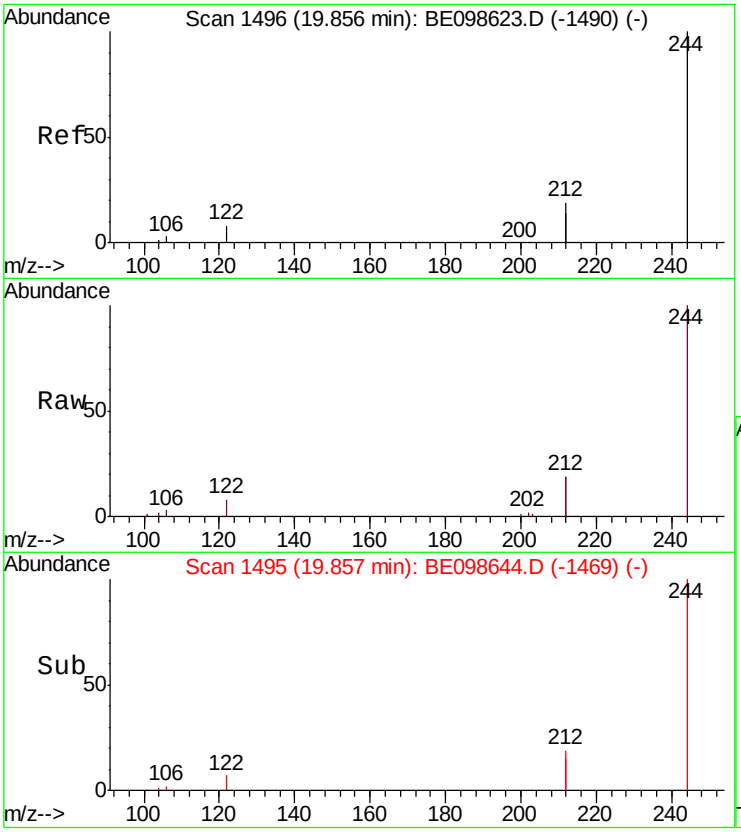


#28
Pyrene
Concen: 0.368 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:202 Resp: 8668

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	16.8	13.8	20.8



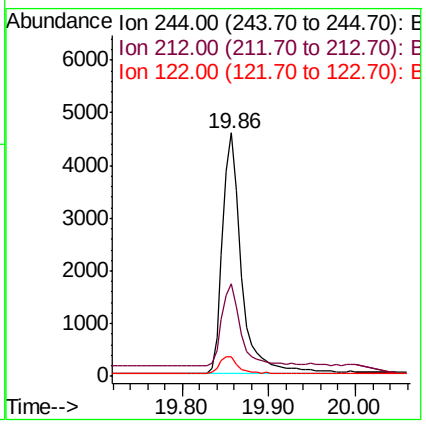


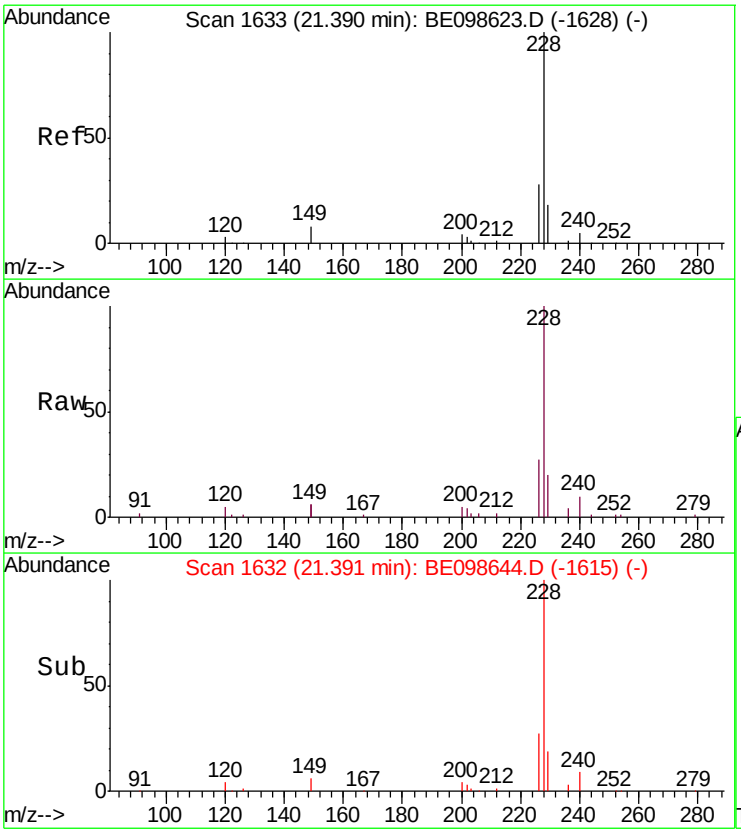
#29
Terphenyl-d14
Concen: 0.375 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7083

Ion	Ratio	Lower	Upper
244	100		
212	37.8	29.4	44.2
122	8.2	7.1	10.7

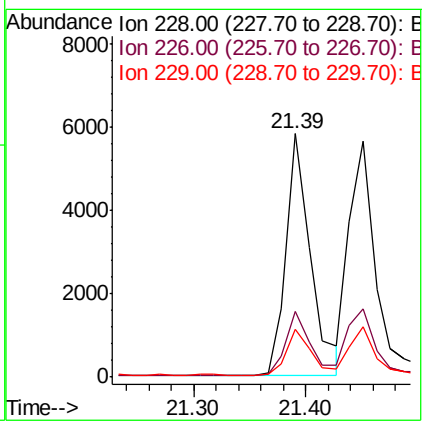


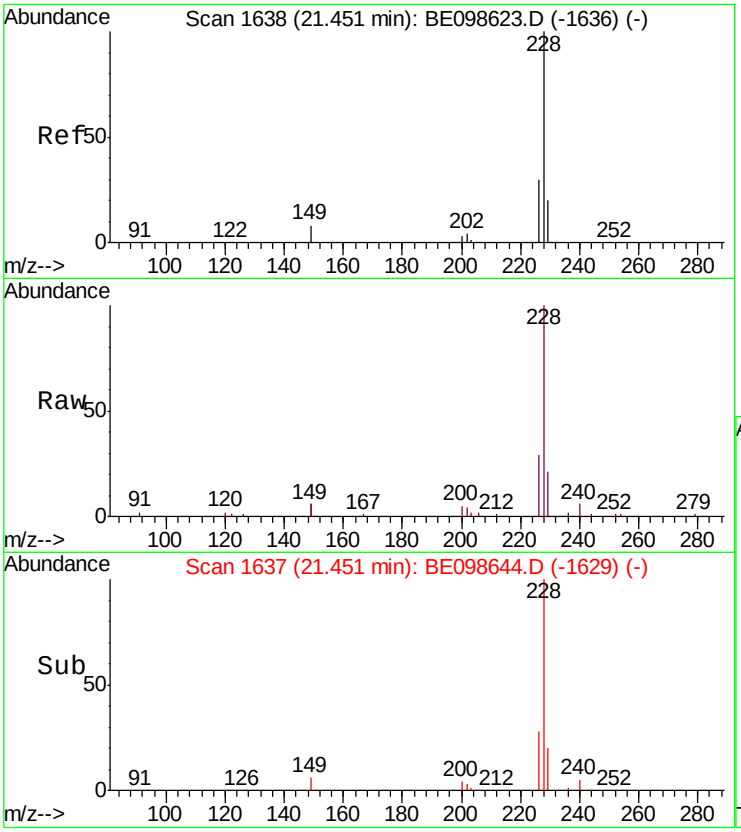


#30
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:228 Resp: 8693

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.0	34.4
229	19.8	15.0	22.6



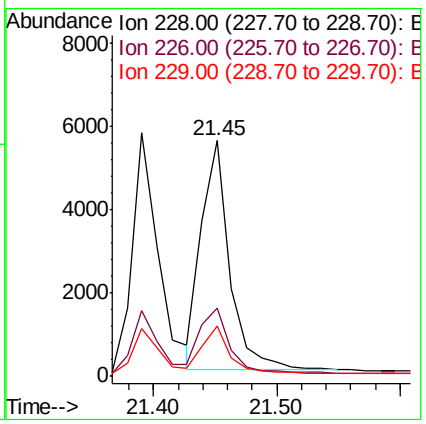


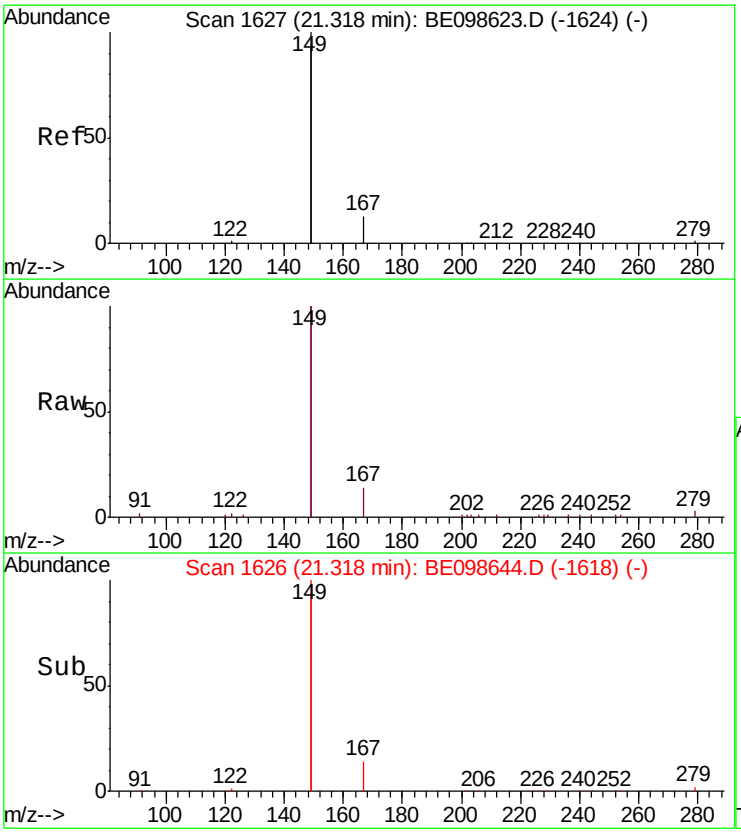
#31
Chrysene
Concen: 0.367 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 8735

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.6	36.8
229	21.2	16.4	24.6

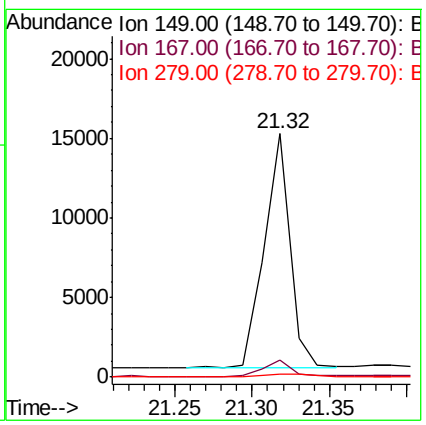


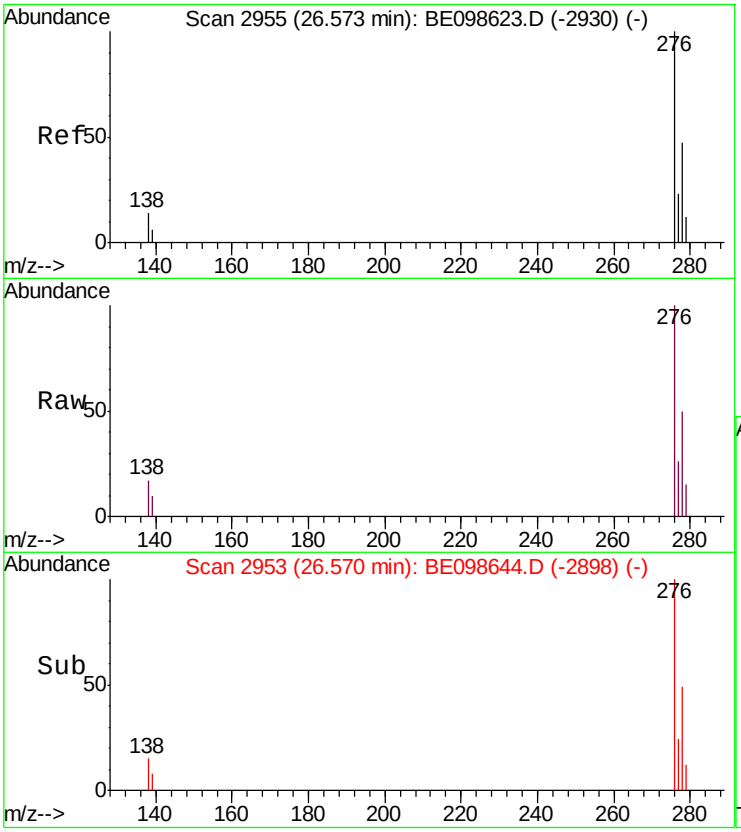


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:149 Resp: 16946

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.2
279	1.3	1.0	1.4



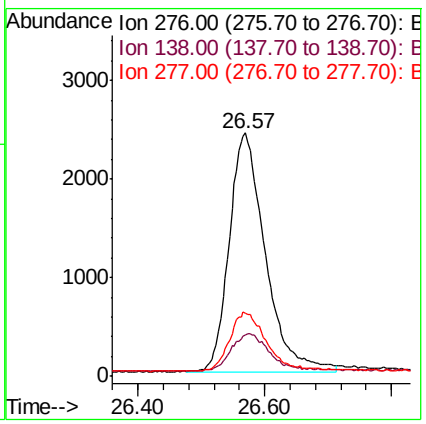


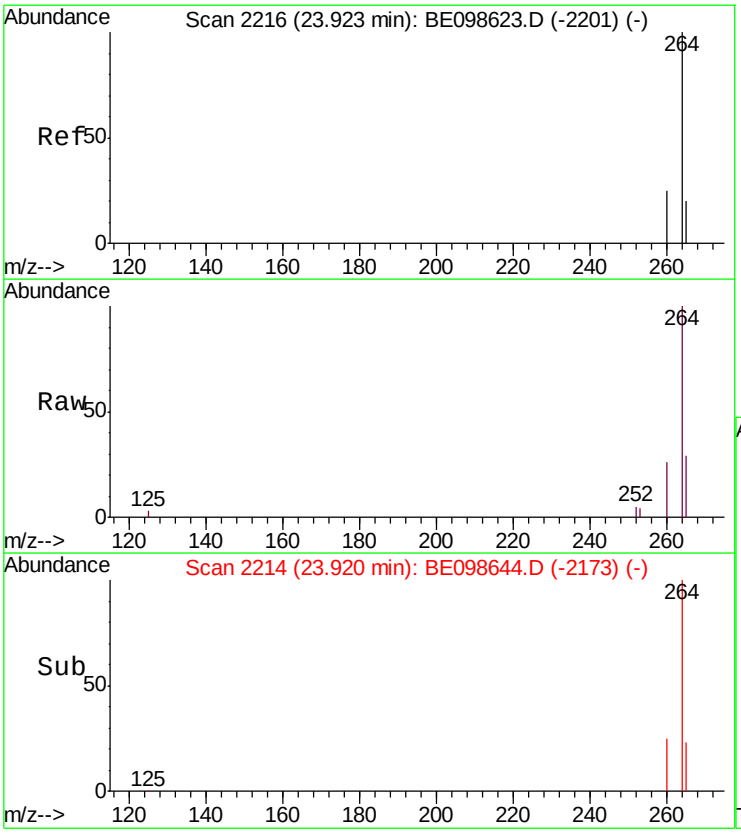
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9542

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.3	19.9
277	24.7	19.4	29.0

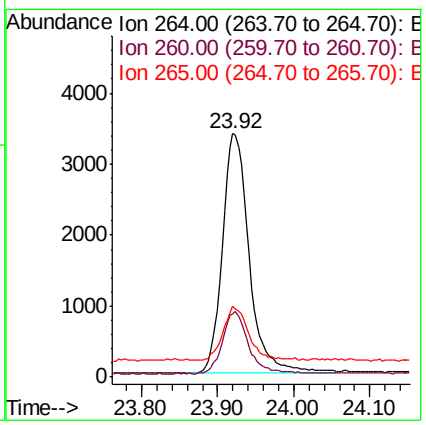


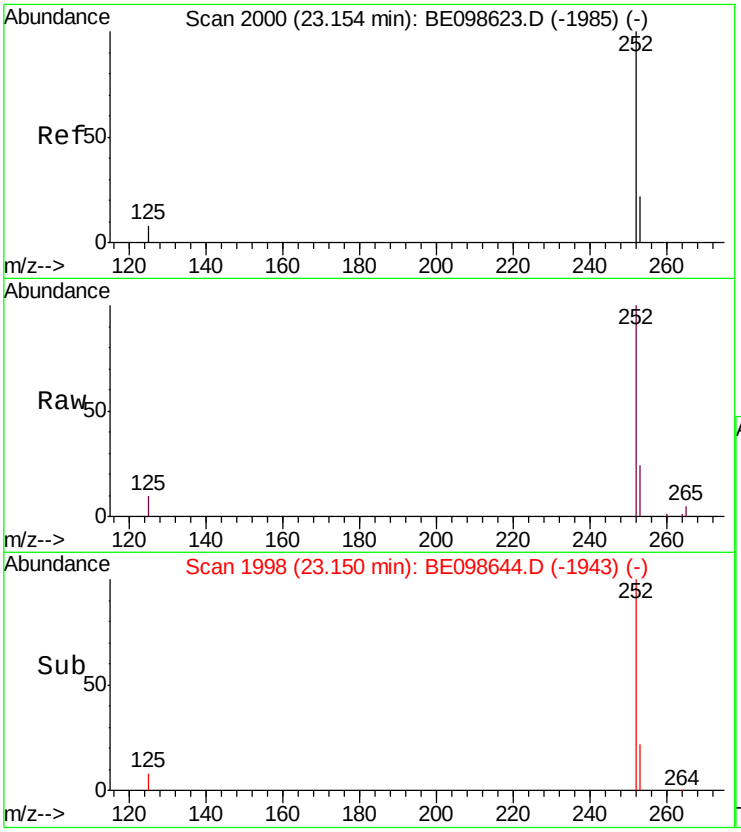


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:264 Resp: 8296

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	29.2	22.3	33.5



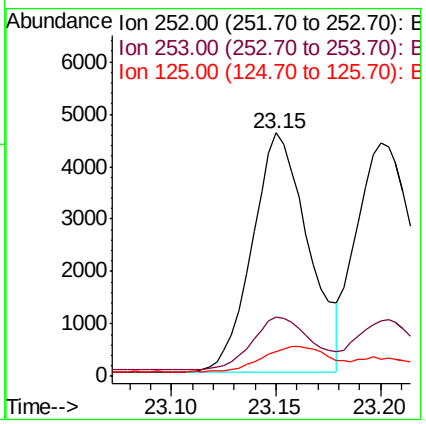


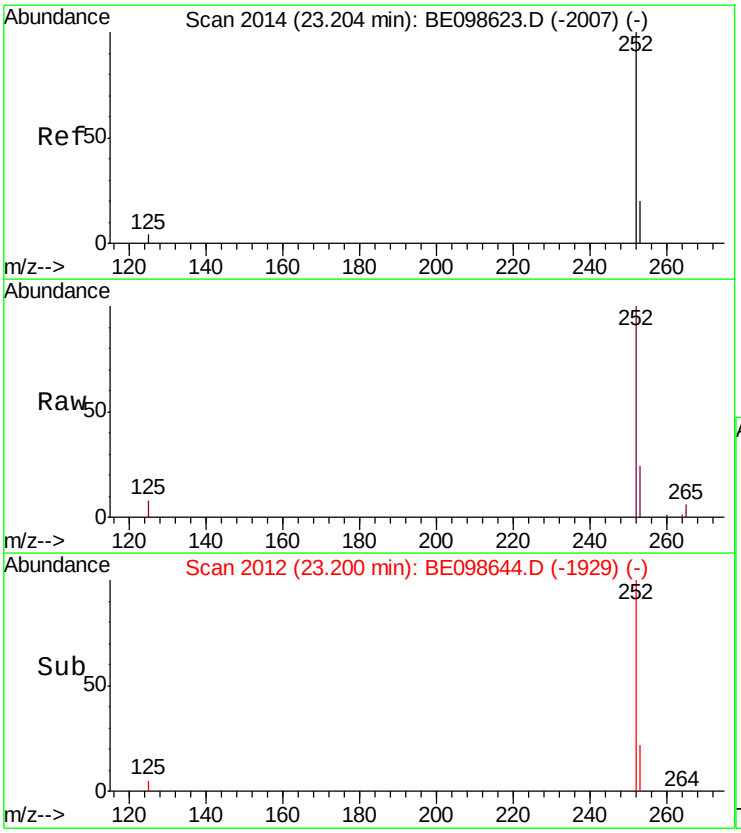
#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8520

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.0
125	10.4	8.2	12.4

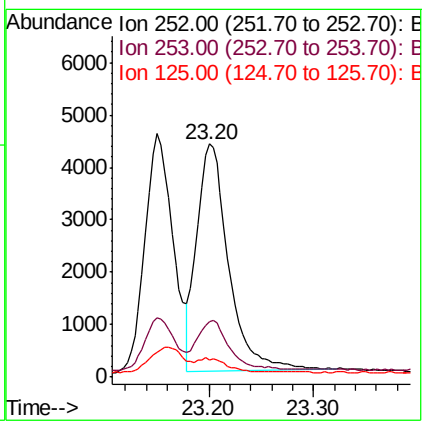


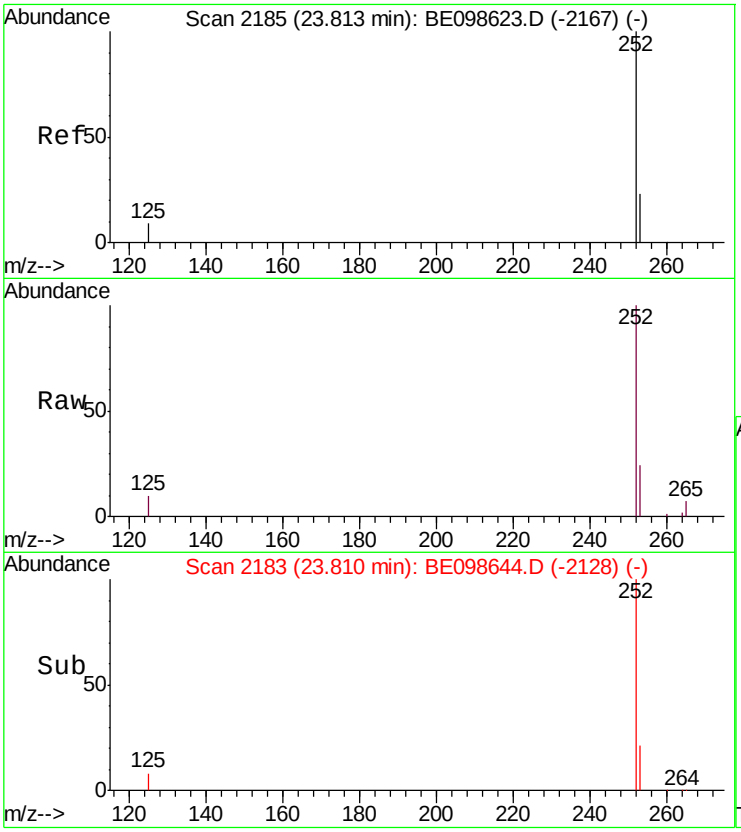


#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:252 Resp: 9230

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	7.6	7.0	10.4



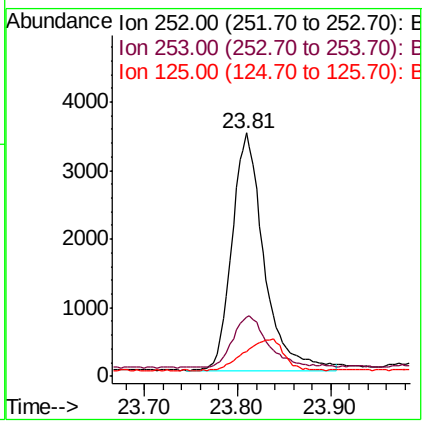


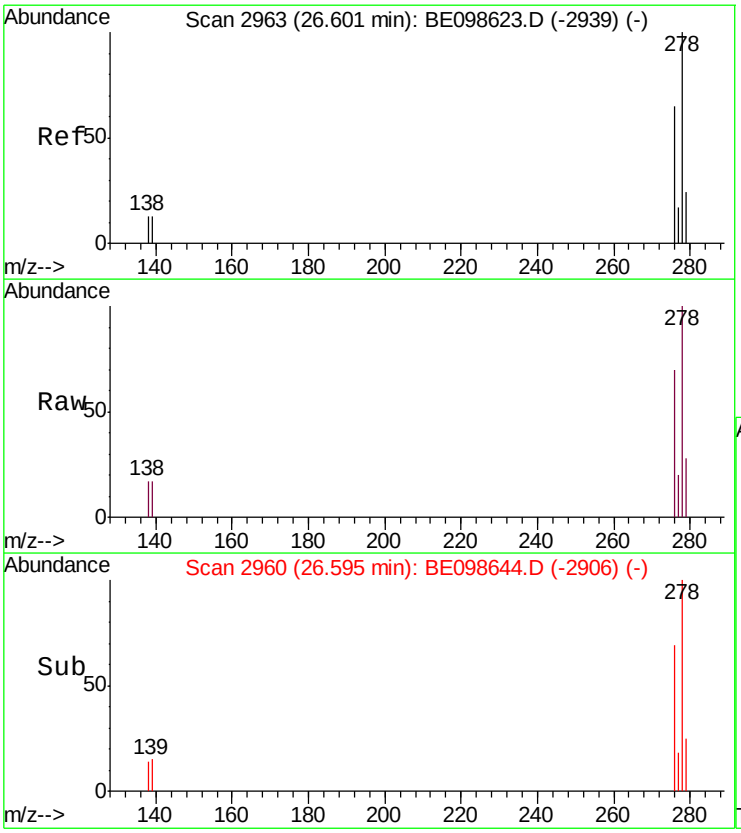
#37
Benzo(a)pyrene
Concen: 0.374 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8306

Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.0	31.4
125	10.2	9.2	13.8

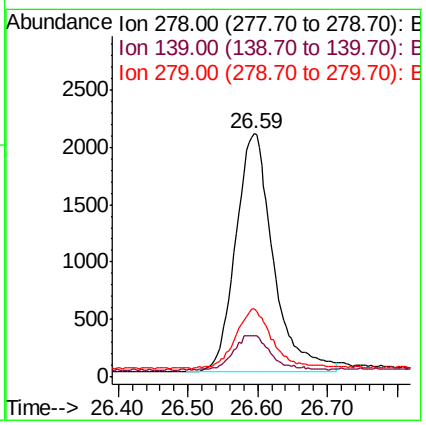


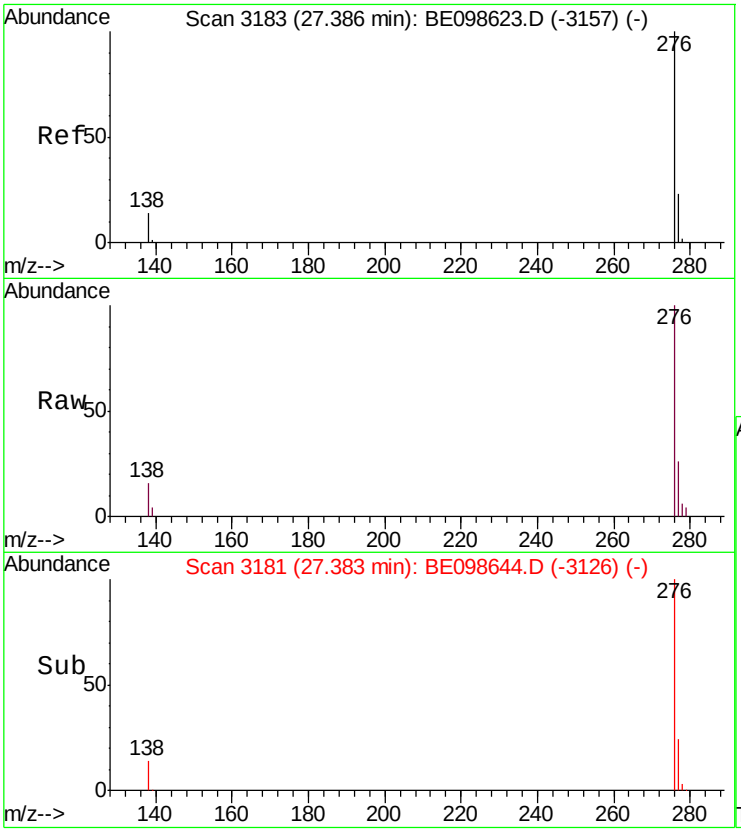


#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 26.59 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:278 Resp: 7728

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.7	19.1
279	27.9	22.0	33.0





#39
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 27.38 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 8110

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.3	30.5
138	16.2	13.3	19.9