Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
Data File : BE098651.D
Acq On : 17 Jan 2019 16:24
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jan 18 01:56:41 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	934	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	4377	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	2942	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	7107	0.40	ng		0.00
27) Chrysene-d12	21.40	240	8472	0.40	ng		-0.01
34) Perylene-d12	23.92	264	8153	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	928	0.37	ng		0.00
5) Phenol-d6	7.00	99	1431	0.40	ng		0.00
8) Nitrobenzene-d5	8.98	82	1355	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	12.21	152	2714	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	488	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4291	0.36	ng		0.00
25) Fluoranthene-d10	19.26	212	32663	0.37	ng		0.00
29) Terphenyl-d14	19.86	244	6548	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	697	0.405	ng		94
3) n-Nitrosodimethylamine	3.66	42	524	0.392	ng	#	91
6) bis(2-Chloroethyl)ether	7.24	93	1037	0.387	ng		86
9) Naphthalene	10.65	128	15992	0.367	ng		100
10) Hexachlorobutadiene	10.94	225	1243	0.398	ng		99
12) 2-Methylnaphthalene	12.28	142	2669	0.369	ng		93
16) Acenaphthylene	14.20	152	4627	0.363	ng		99
17) Acenaphthene	14.54	154	2897	0.362	ng		98
18) Fluorene	15.51	166	3862	0.371	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	1375	0.365	ng		89
21) Hexachlorobenzene	16.53	284	1639	0.361	ng		97
22) Pentachlorophenol	16.89	266	528	0.484	ng		95
23) Phenanthrene	17.27	178	6010	0.357	ng		100
24) Anthracene	17.36	178	4887	0.339	ng		98
26) Fluoranthene	19.29	202	7879	0.364	ng		98
28) Pyrene	19.65	202	8290	0.355	ng		99
30) Benzo(a)anthracene	21.39	228	8240	0.362	ng		97
31) Chrysene	21.45	228	8070	0.342	ng		98
32) Bis(2-ethylhexyl)phthalate	21.32	149	16568	0.343	ng		100
33) Indeno(1,2,3-cd)pyrene	26.57	276	8873	0.364	ng	#	91
35) Benzo(b)fluoranthene	23.15	252	7765	0.349	ng		99
36) Benzo(k)fluoranthene	23.20	252	8783	0.361	ng		99
37) Benzo(a)pyrene	23.81	252	7764	0.355	ng		97
38) Dibenzo(a,h)anthracene	26.60	278	7181	0.371	ng		97
39) Benzo(g,h,i)perylene	27.38	276	7619	0.359	ng		97

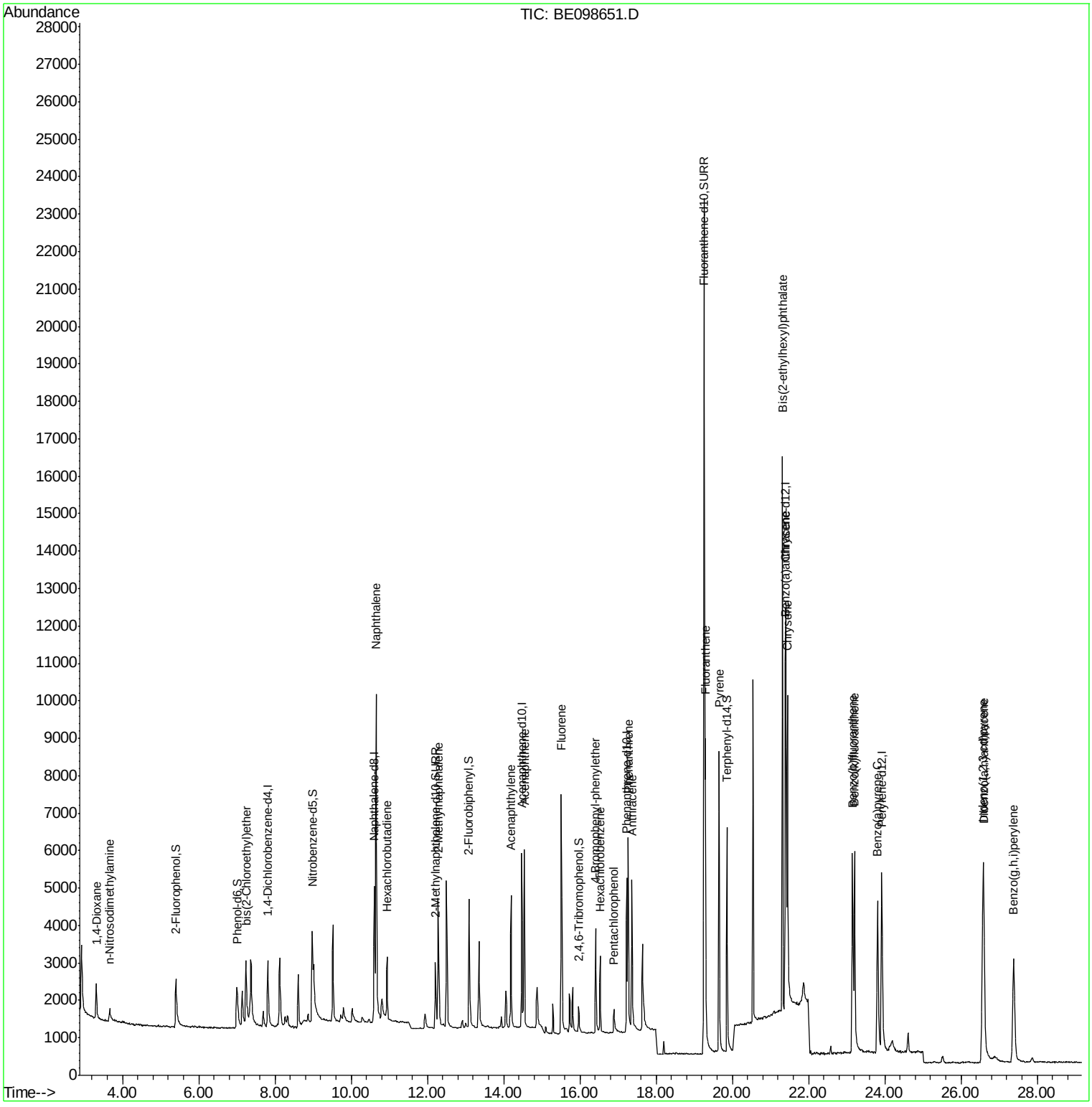
(#) = qualifier out of range (m) = manual integration (+) = signals summed

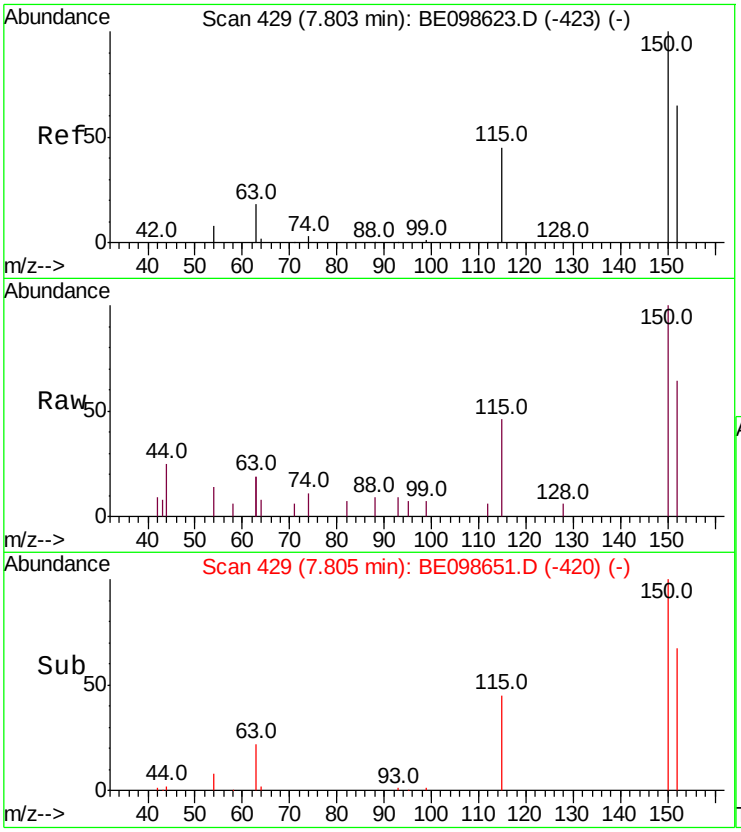
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
Data File : BE098651.D
Acq On : 17 Jan 2019 16:24
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 18 01:56:41 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



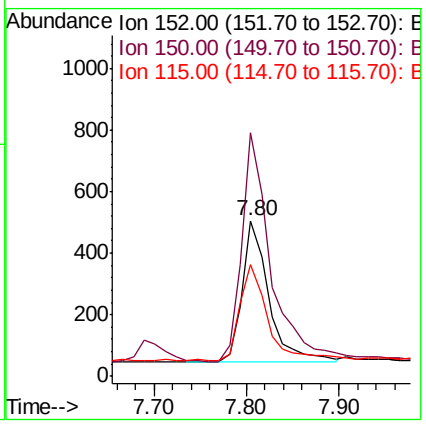


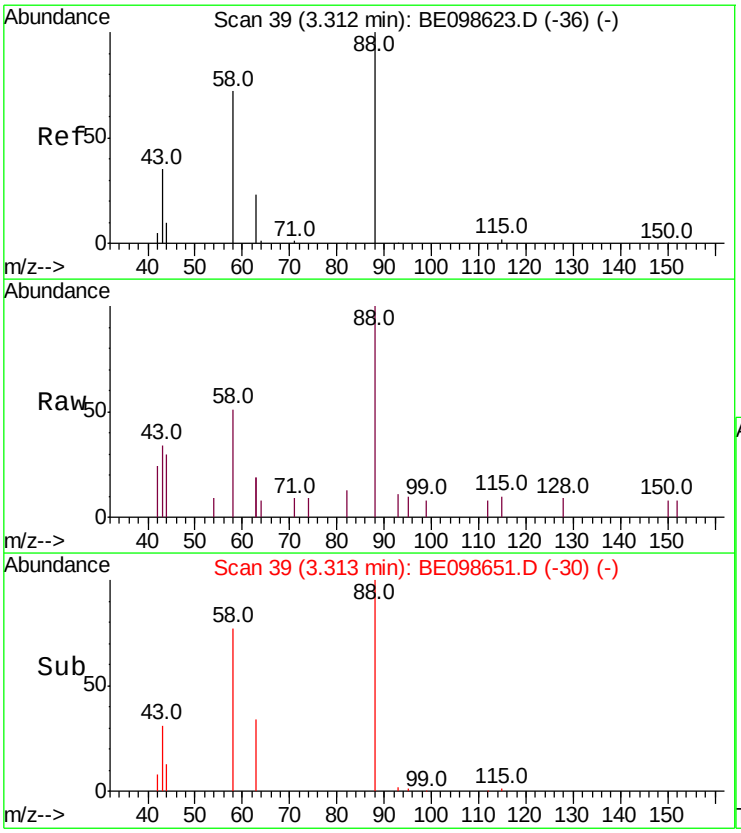
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 934

Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.4	182.2
115	71.7	59.1	88.7

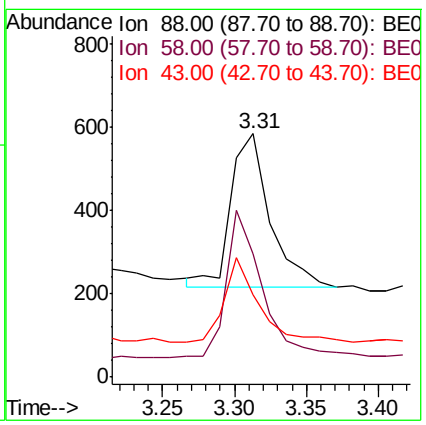


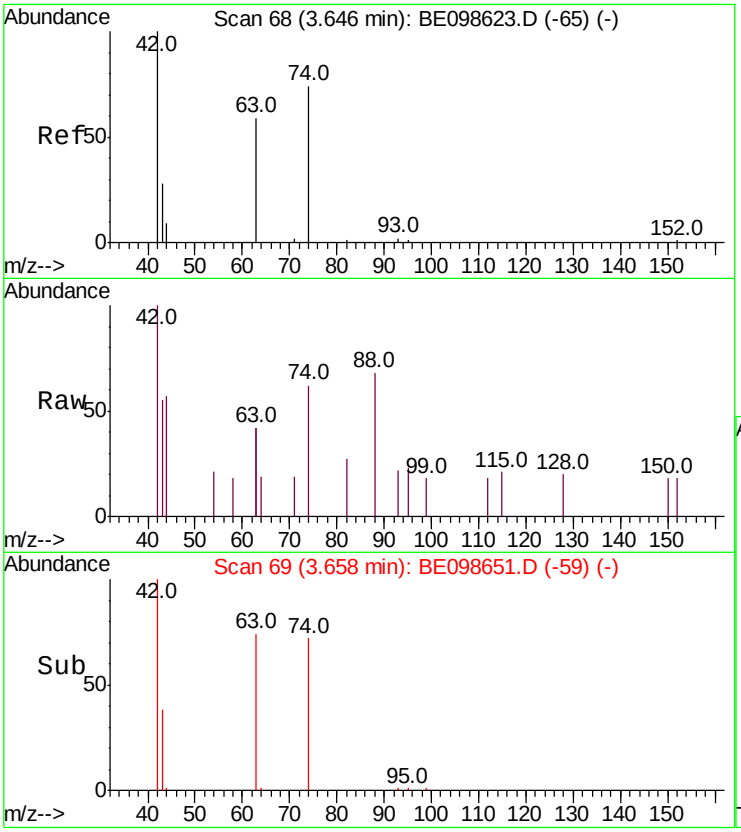


#2
1,4-Dioxane
Concen: 0.405 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion: 88 Resp: 697

Ion	Ratio	Lower	Upper
88	100		
58	88.1	73.9	110.9
43	47.9	43.7	65.5



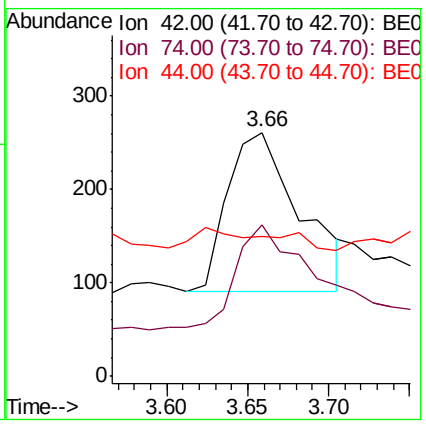


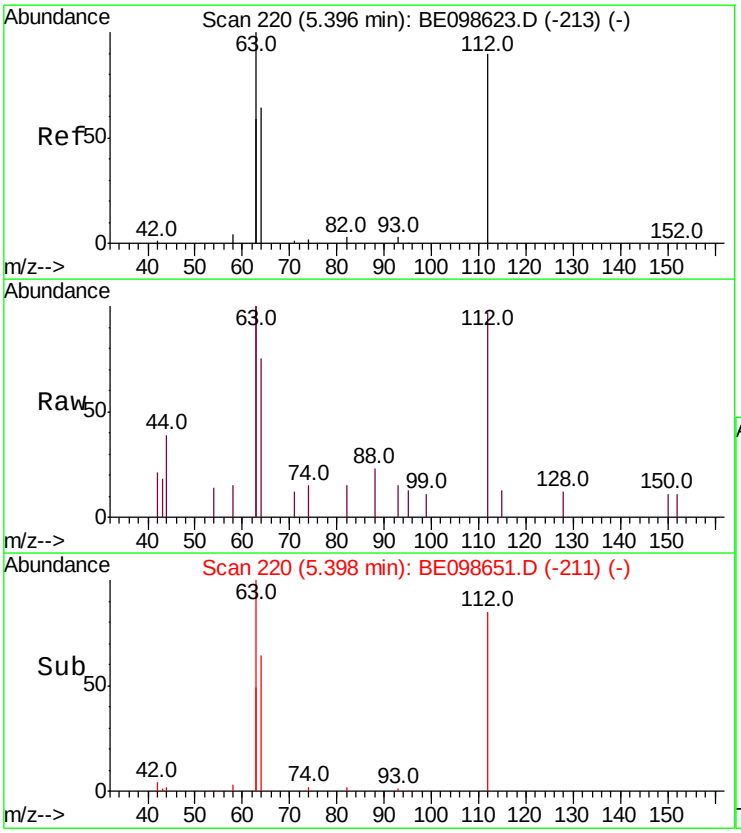
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.01 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 524

Ion	Ratio	Lower	Upper
42	100		
74	65.6	58.9	88.3
44	0.0	0.0	0.0

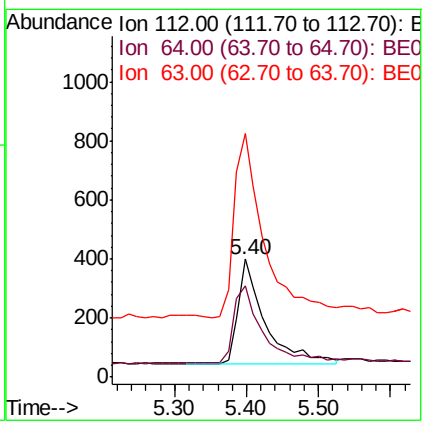


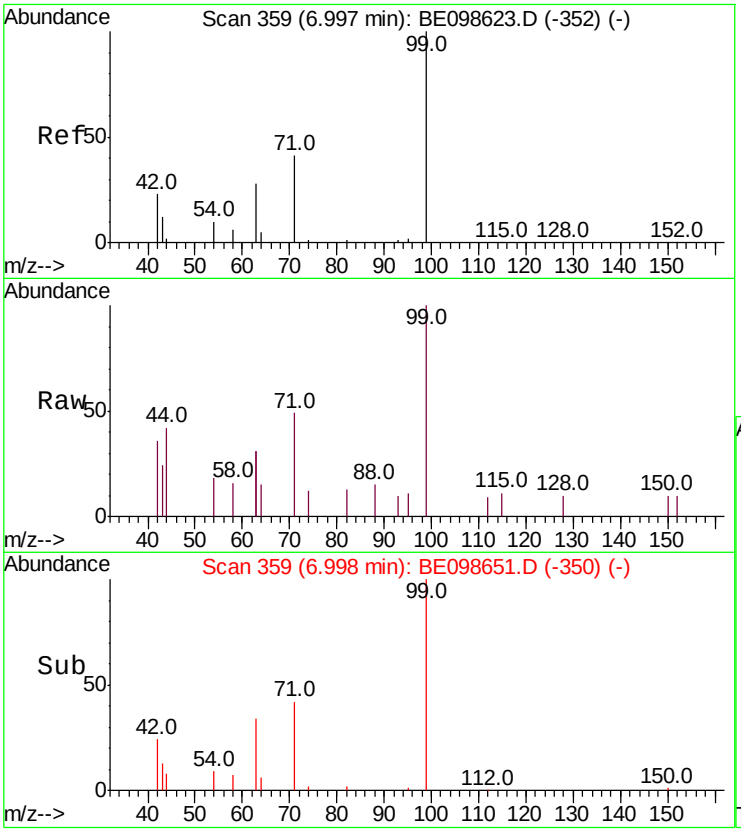


#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:112 Resp: 928

Ion	Ratio	Lower	Upper
112	100		
64	80.7	62.9	94.3
63	211.3	152.2	228.4



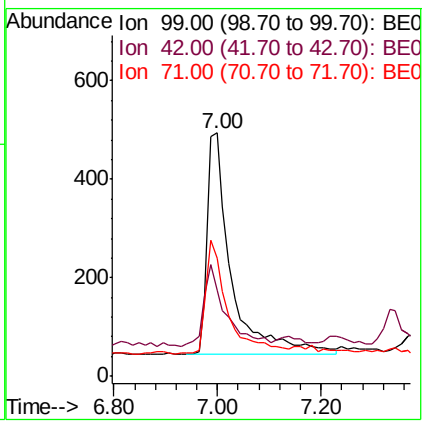


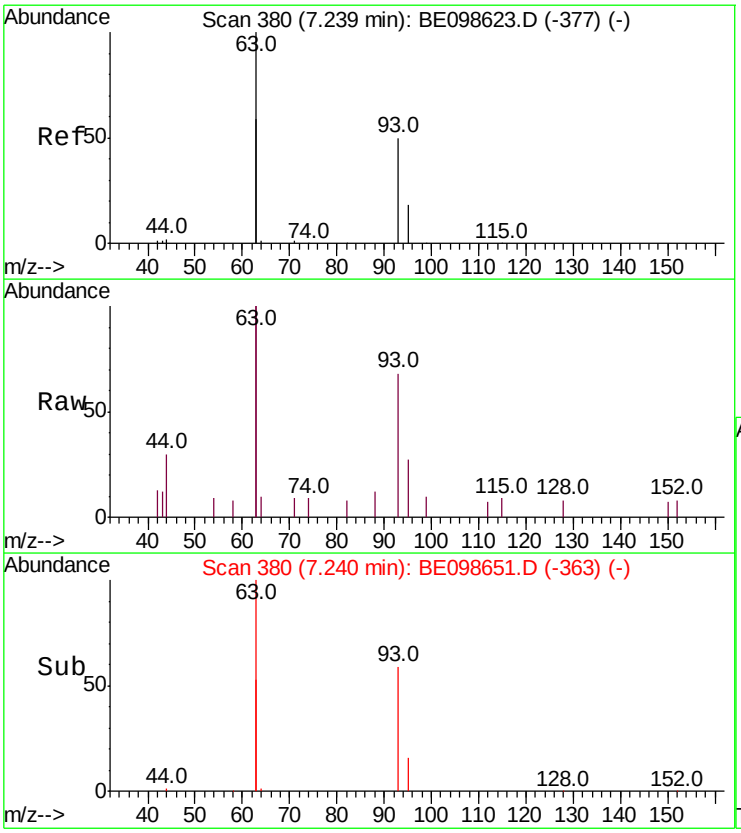
#5
Phenol-d6
Concen: 0.403 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1431

Ion	Ratio	Lower	Upper
99	100		
42	34.3	24.6	37.0
71	46.9	35.1	52.7

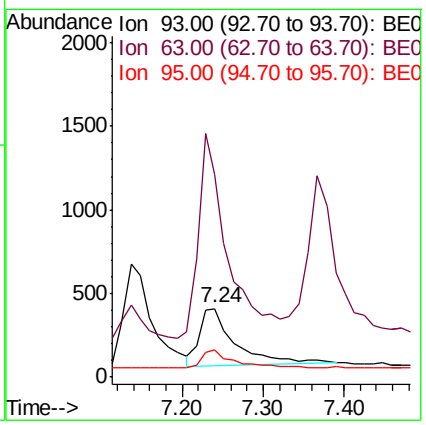


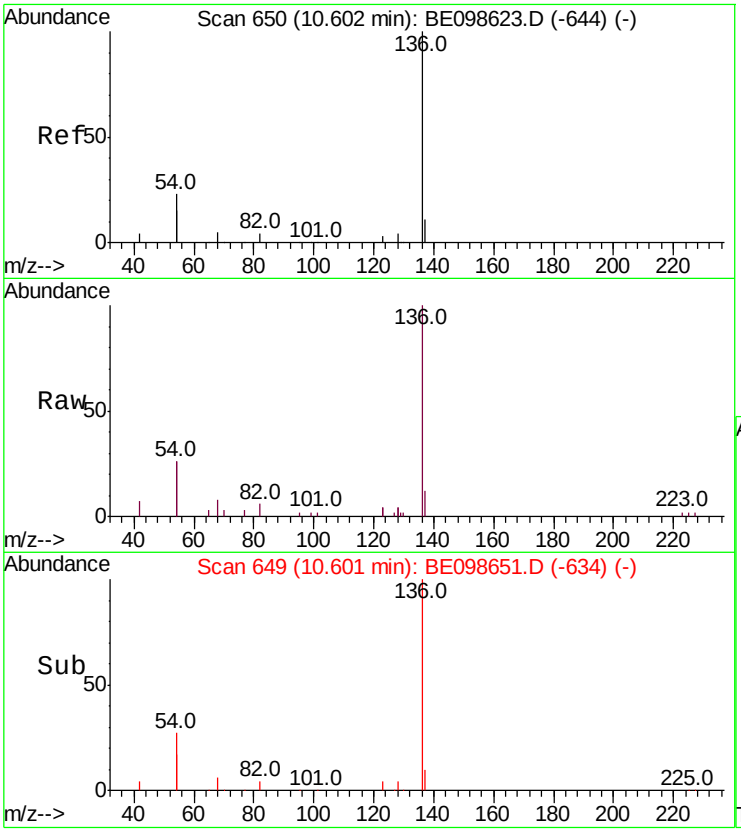


#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion: 93 Resp: 1037

Ion	Ratio	Lower	Upper
93	100		
63	301.4	267.3	400.9
95	32.7	26.2	39.4



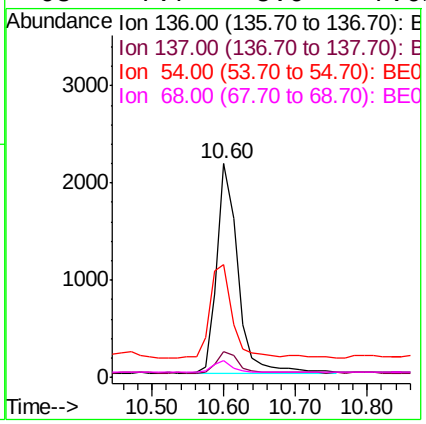


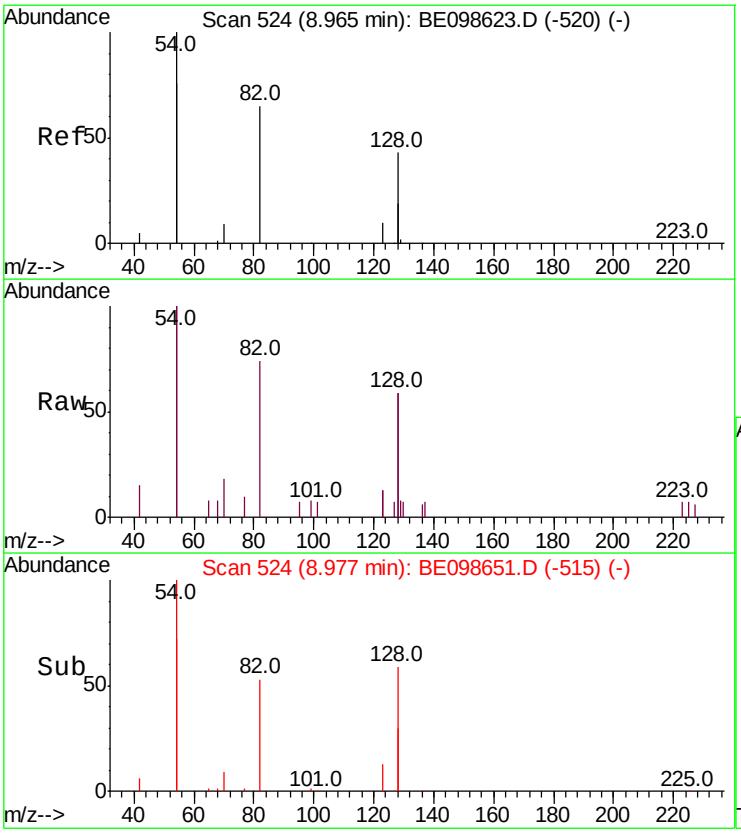
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4377

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	52.5	35.5	53.3
68	7.7	5.0	7.6#

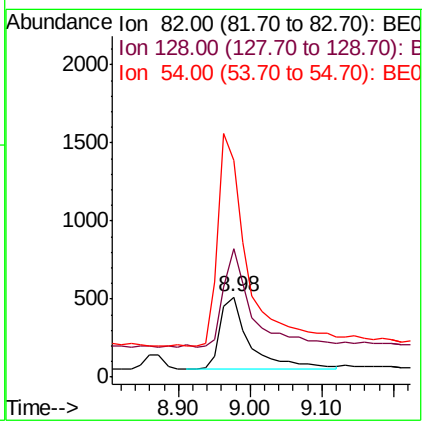


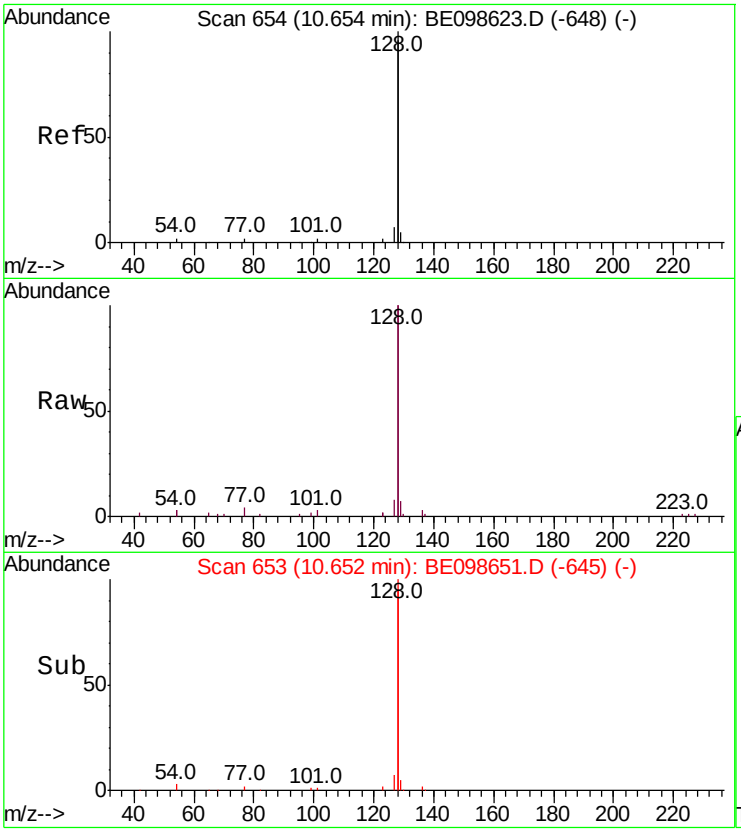


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion: 82 Resp: 1355

Ion	Ratio	Lower	Upper
82	100		
128	160.2	96.5	144.7#
54	271.9	224.7	337.1



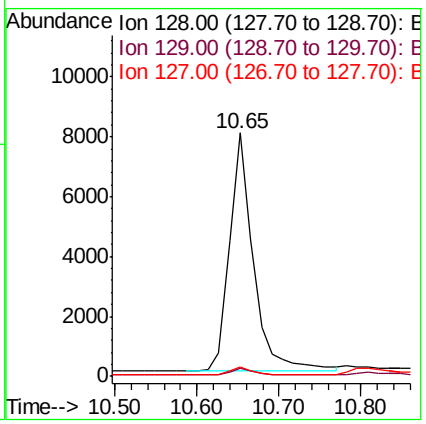


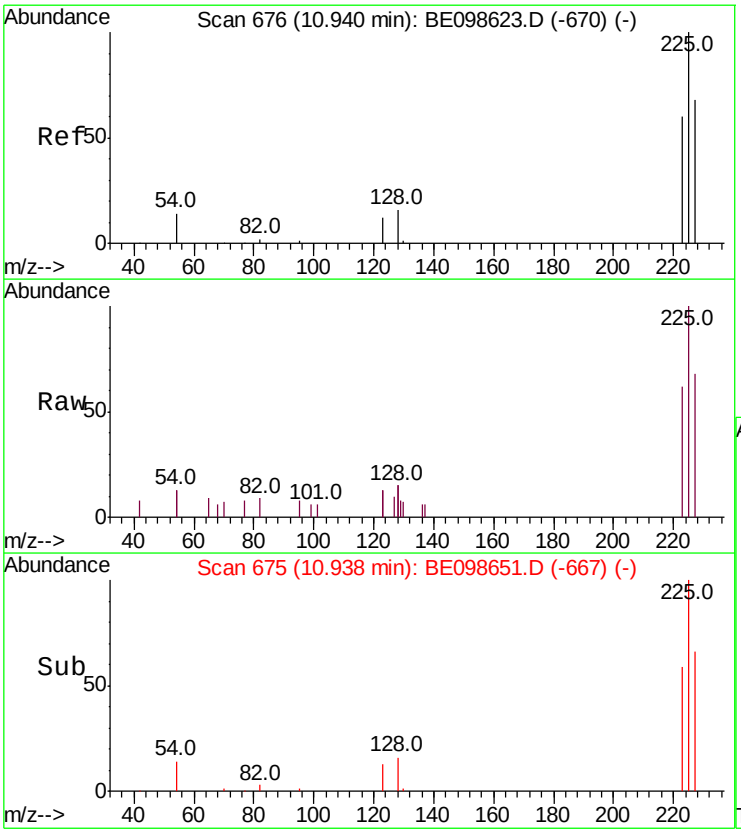
#9
Naphthalene
Concen: 0.367 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15992

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.9	3.0	4.6

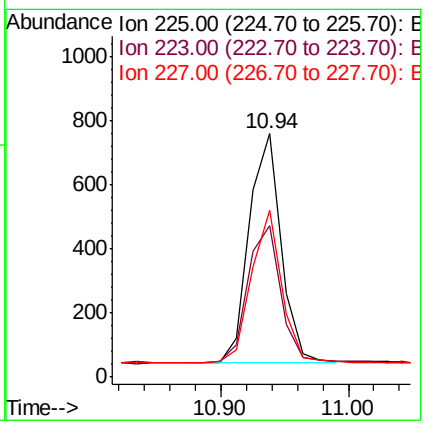


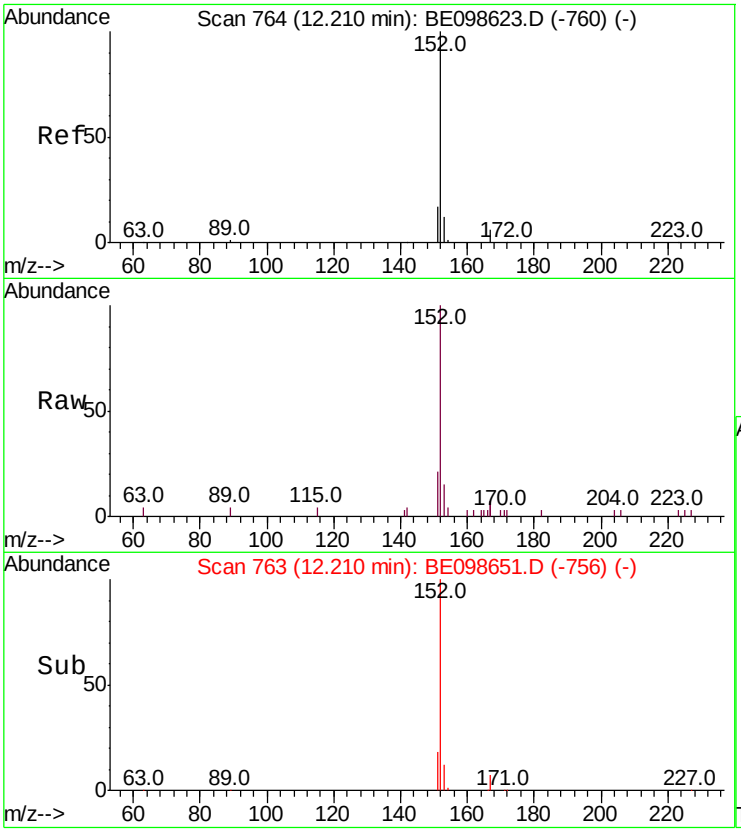


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:225 Resp: 1243

Ion	Ratio	Lower	Upper
225	100		
223	61.5	47.8	71.8
227	63.2	50.5	75.7



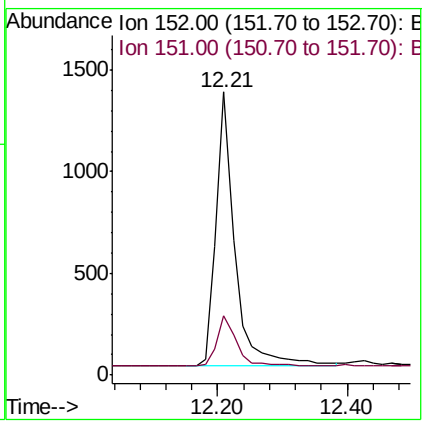


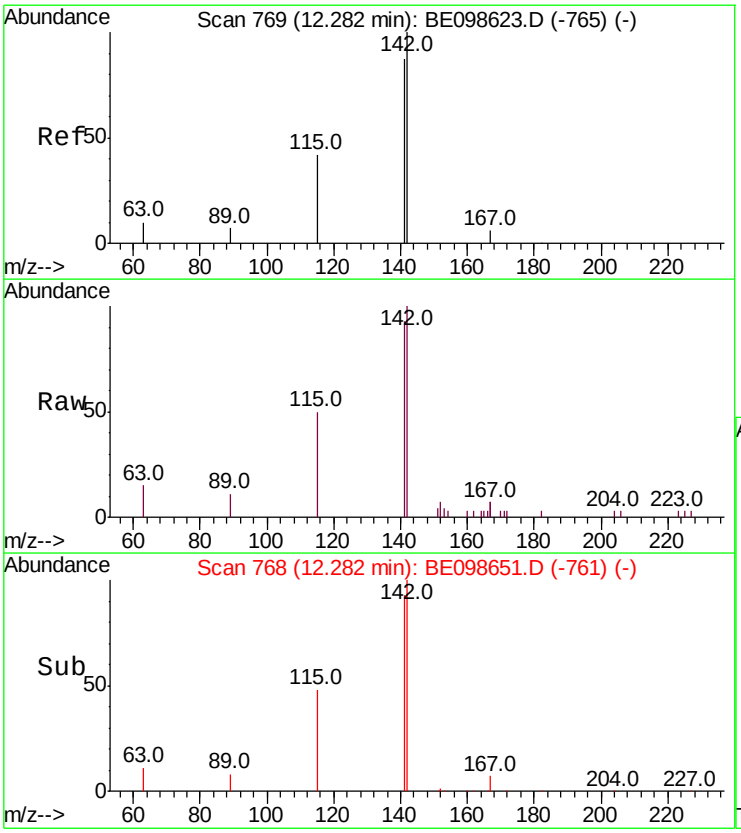
#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2714

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4

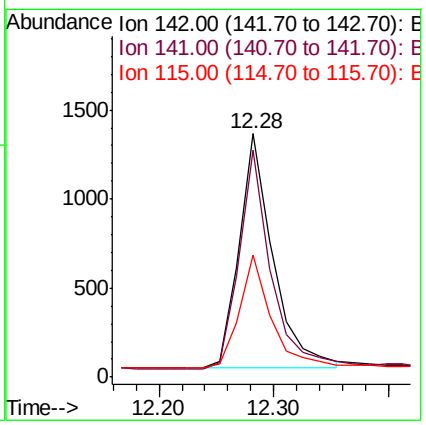


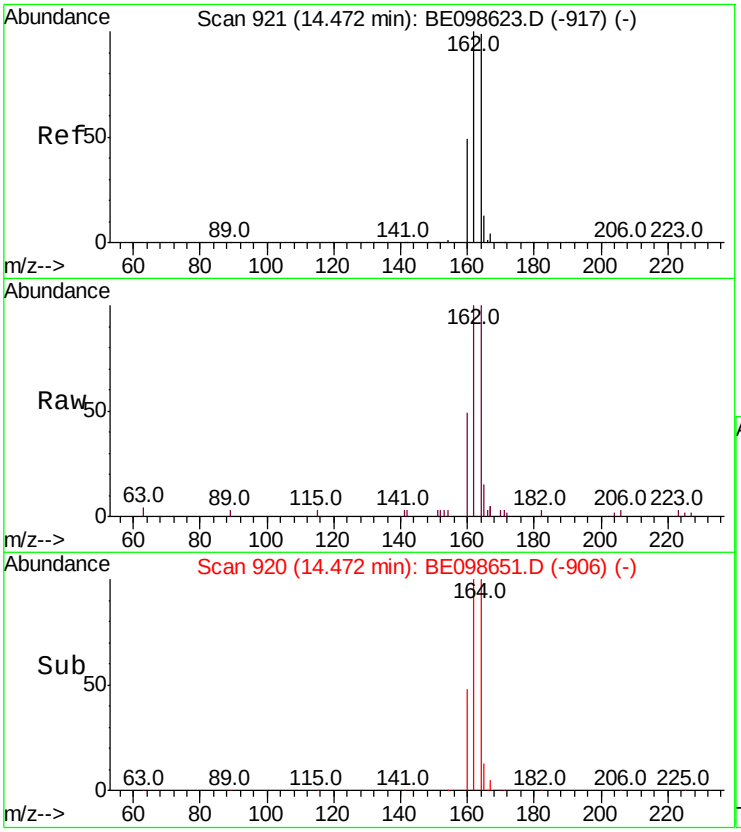


#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:142 Resp: 2669

Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.0	105.0
115	50.0	35.2	52.8



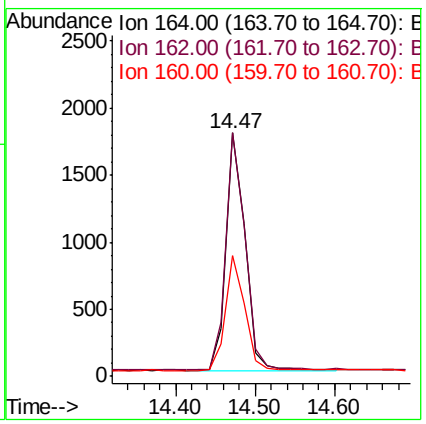


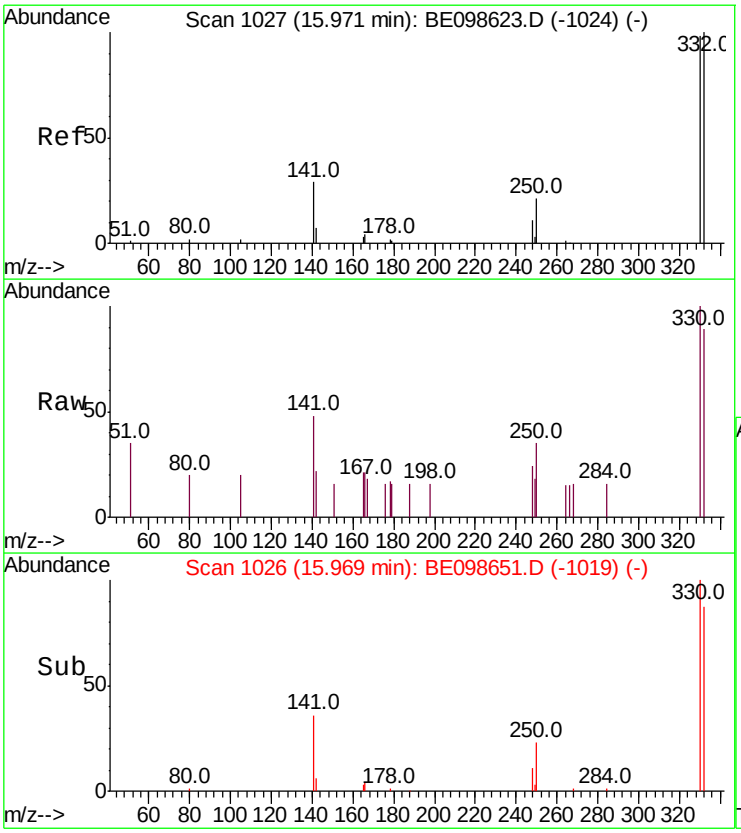
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2942

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.5	120.7
160	49.4	40.1	60.1

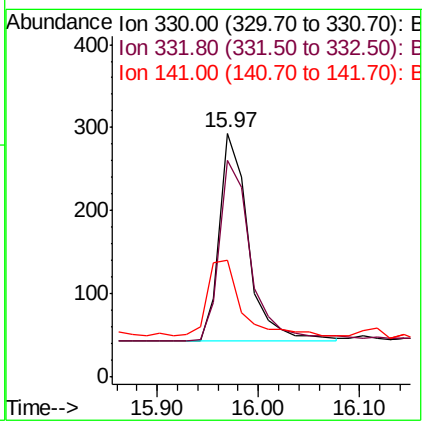


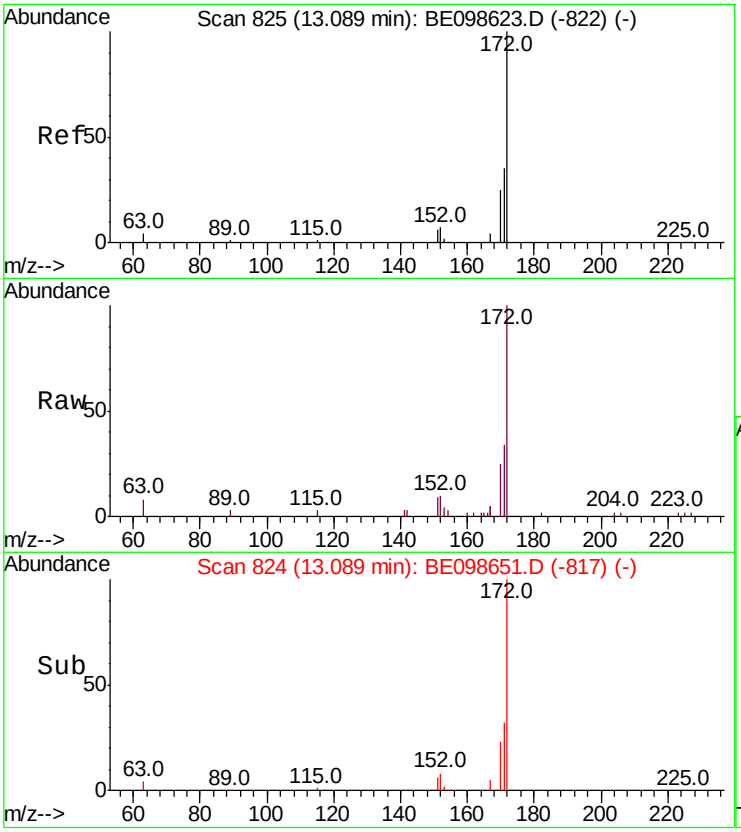


#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:330 Resp: 488

Ion	Ratio	Lower	Upper
330	100		
332	97.3	73.3	109.9
141	44.1	33.1	49.7



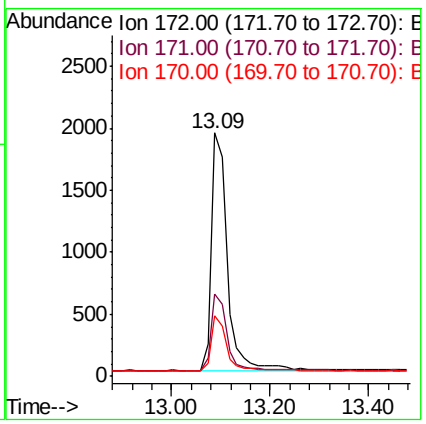


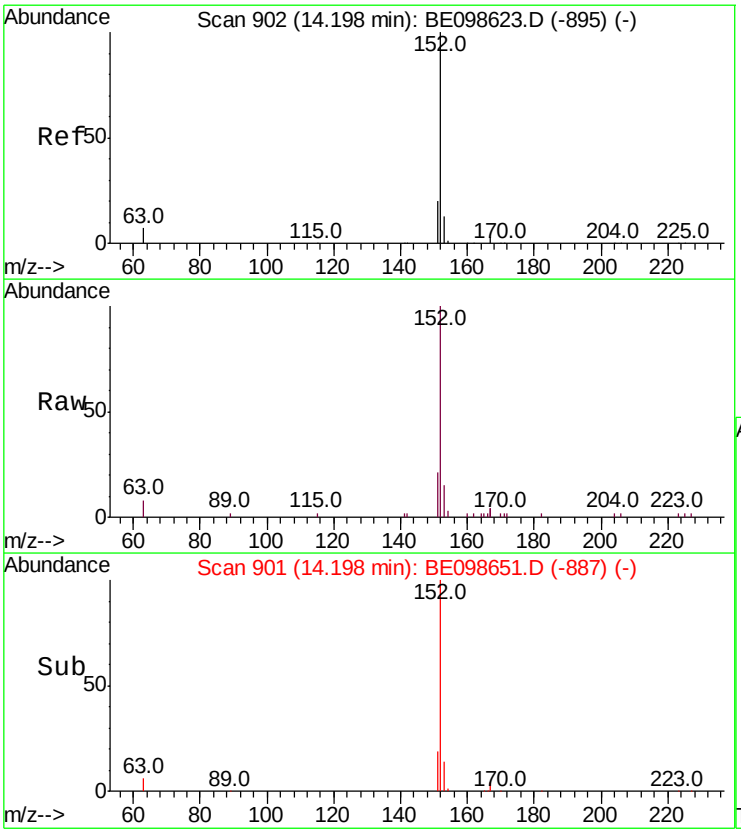
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4291

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.0	43.4
170	24.9	20.8	31.2

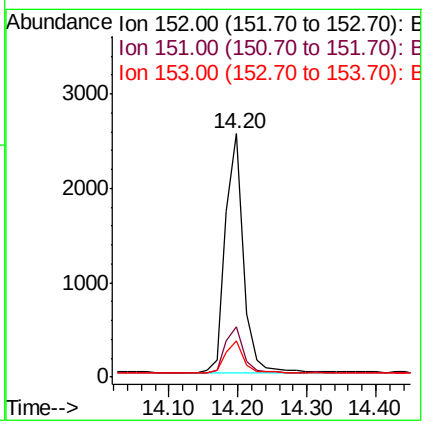


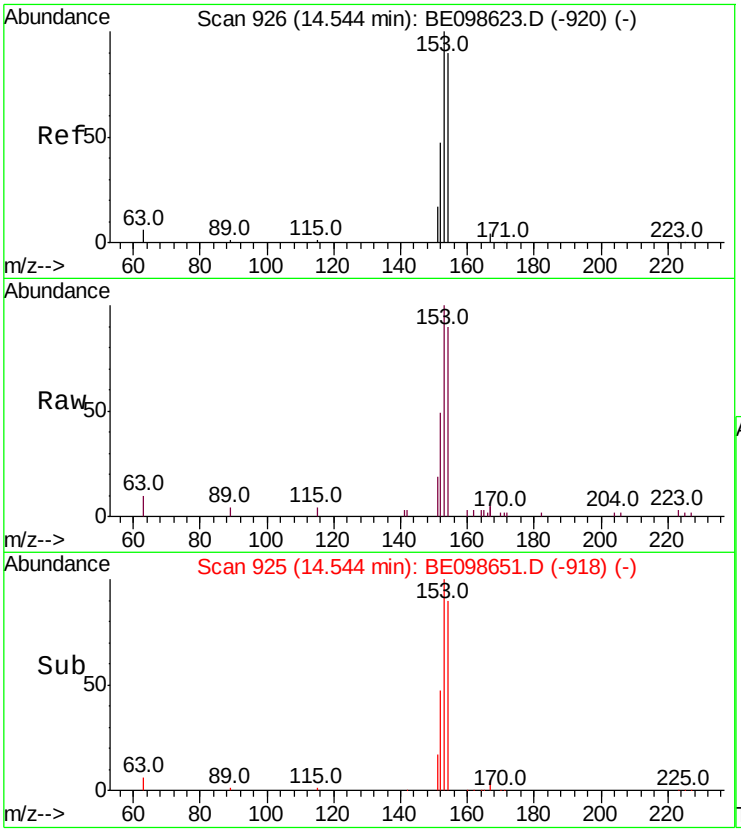


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:152 Resp: 4627

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	14.0	10.7	16.1



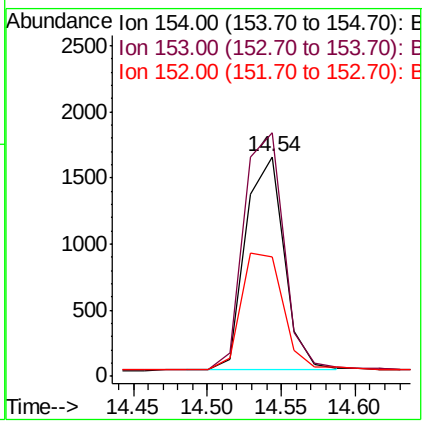


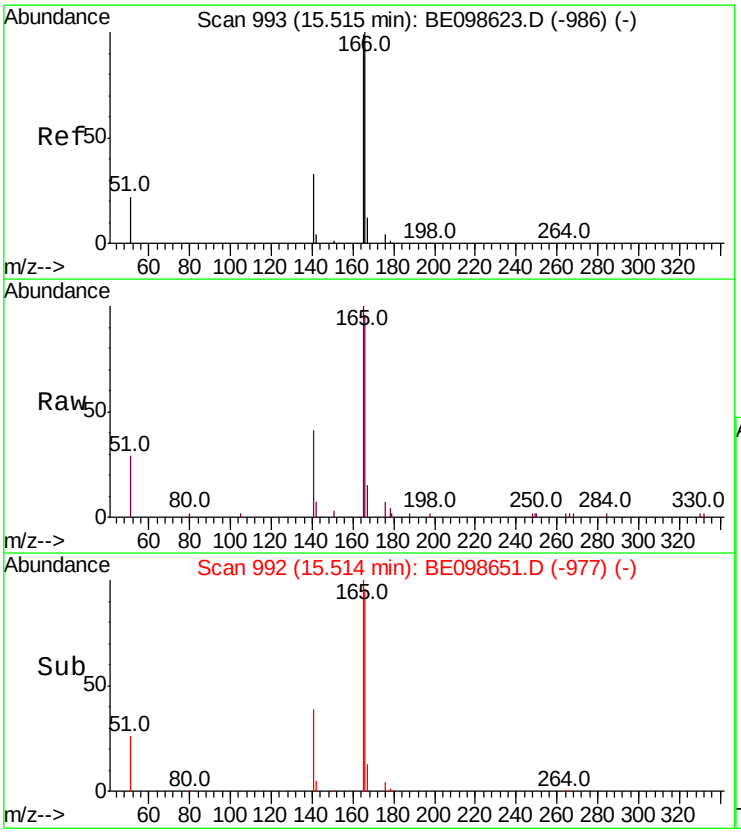
#17
Acenaphthene
Concen: 0.362 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2897

Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.9	140.9
152	58.7	45.8	68.8

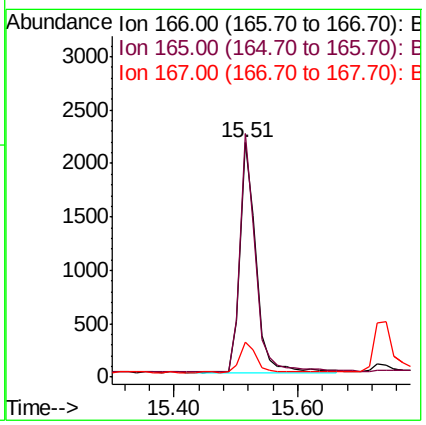


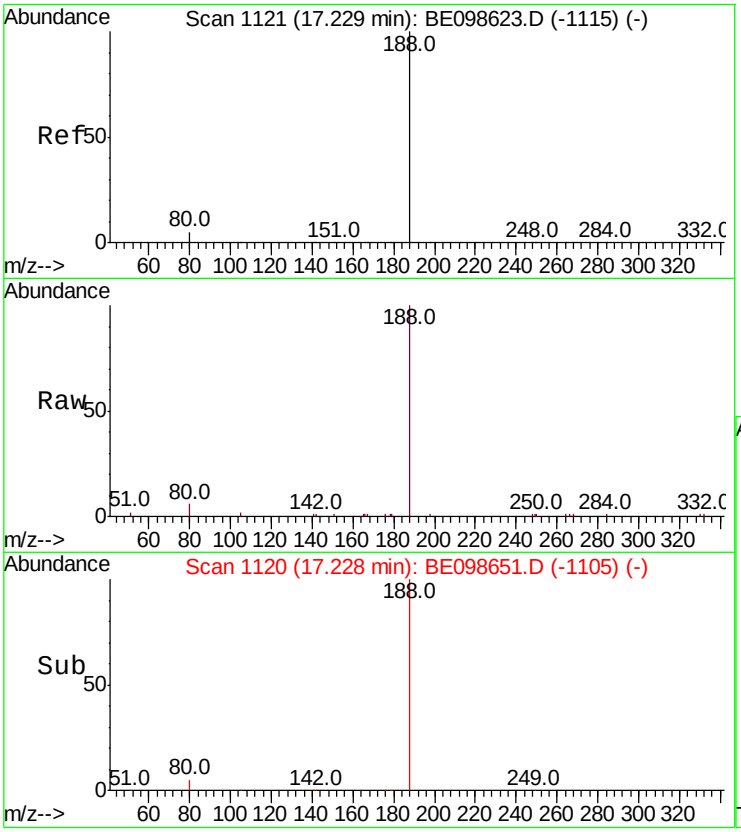


#18
Fluorene
Concen: 0.371 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:166 Resp: 3862

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.3	118.9
167	14.3	10.6	15.8



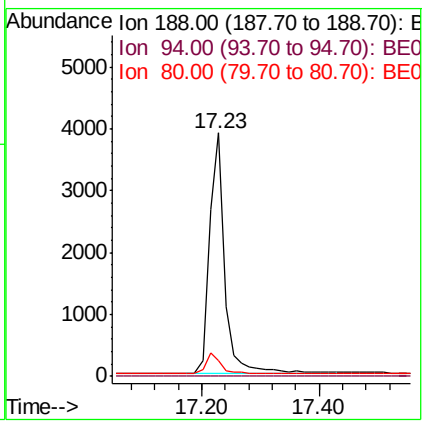


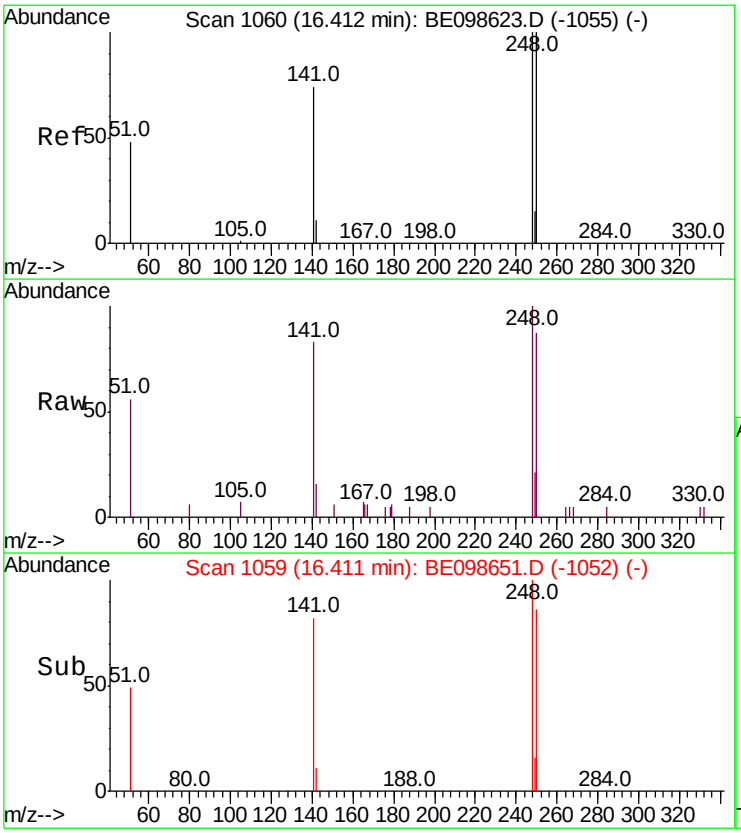
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7107

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	4.7	7.1

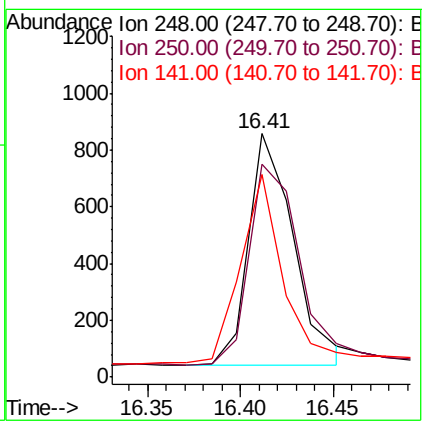


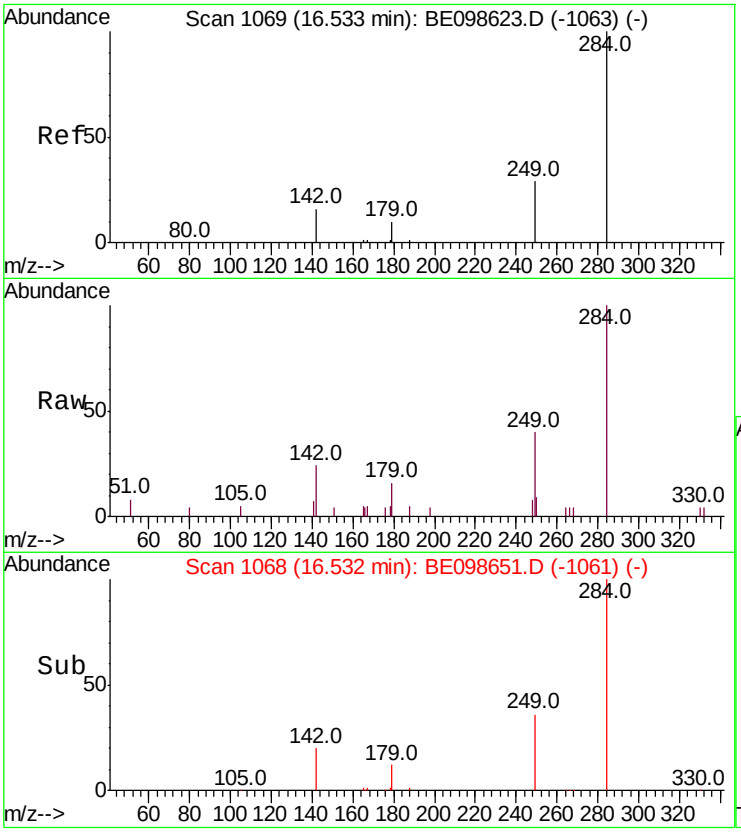


#20
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:248 Resp: 1375

Ion	Ratio	Lower	Upper
248	100		
250	87.2	80.2	120.4
141	83.3	60.5	90.7



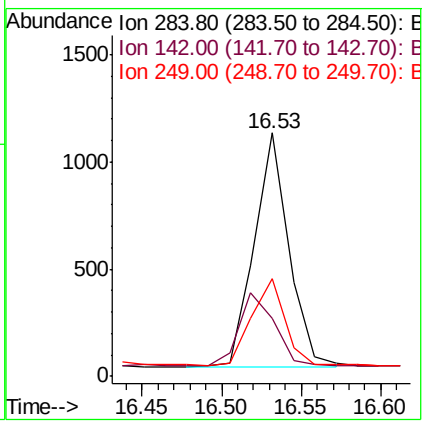


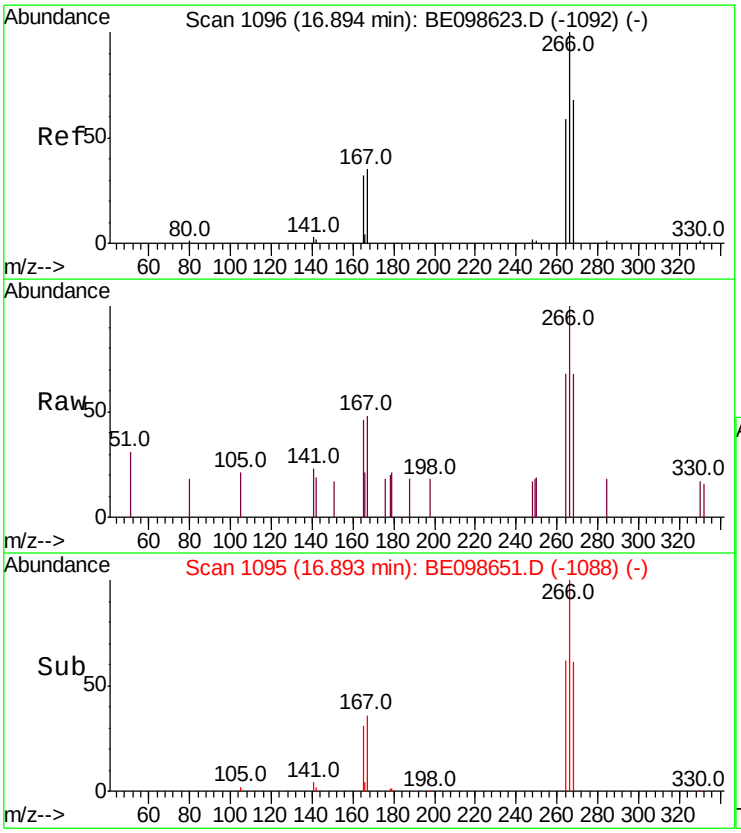
#21
Hexachlorobenzene
Concen: 0.361 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1639

Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.5	38.3
249	36.3	26.6	39.8

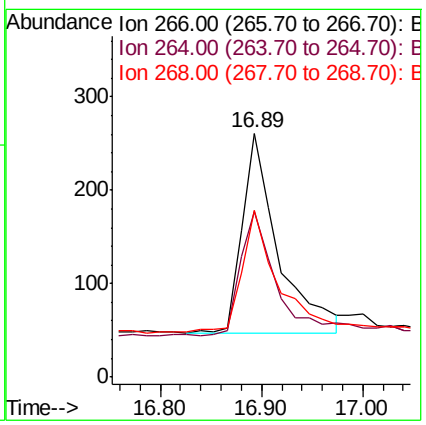


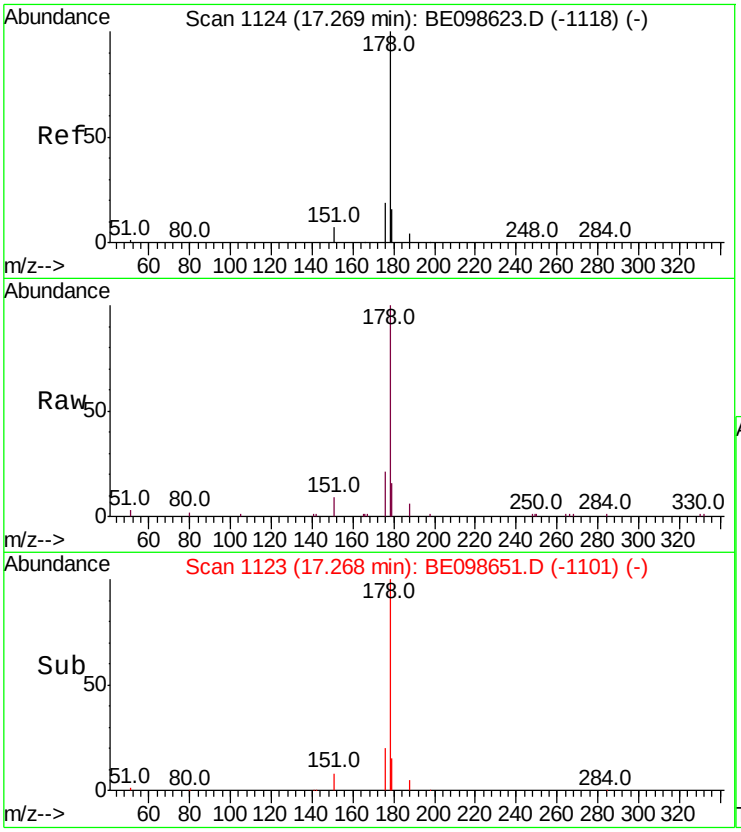


#22
Pentachlorophenol
Concen: 0.484 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:266 Resp: 528

Ion	Ratio	Lower	Upper
266	100		
264	67.8	53.7	80.5
268	68.2	59.8	89.8



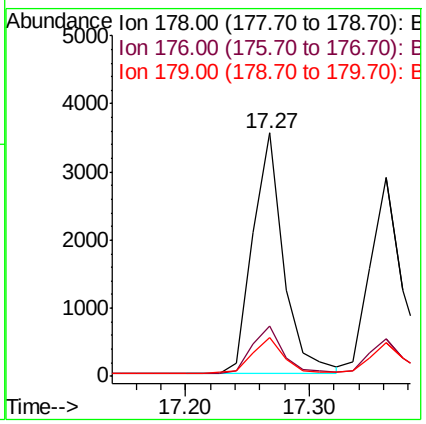


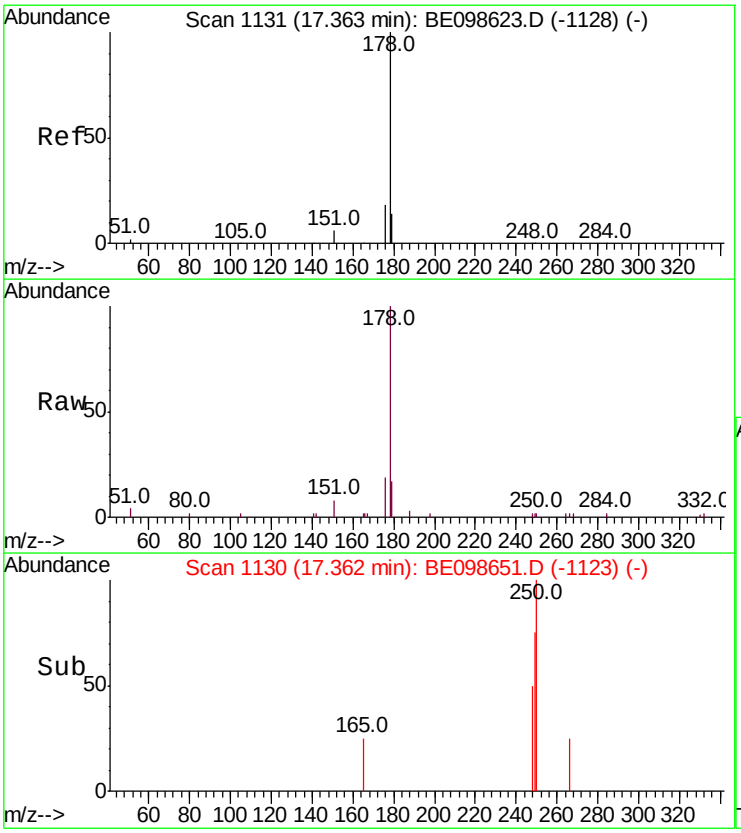
#23
Phenanthrene
Concen: 0.357 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6010

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.0	12.2	18.4

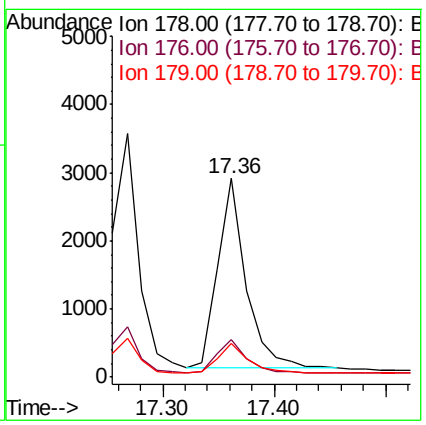


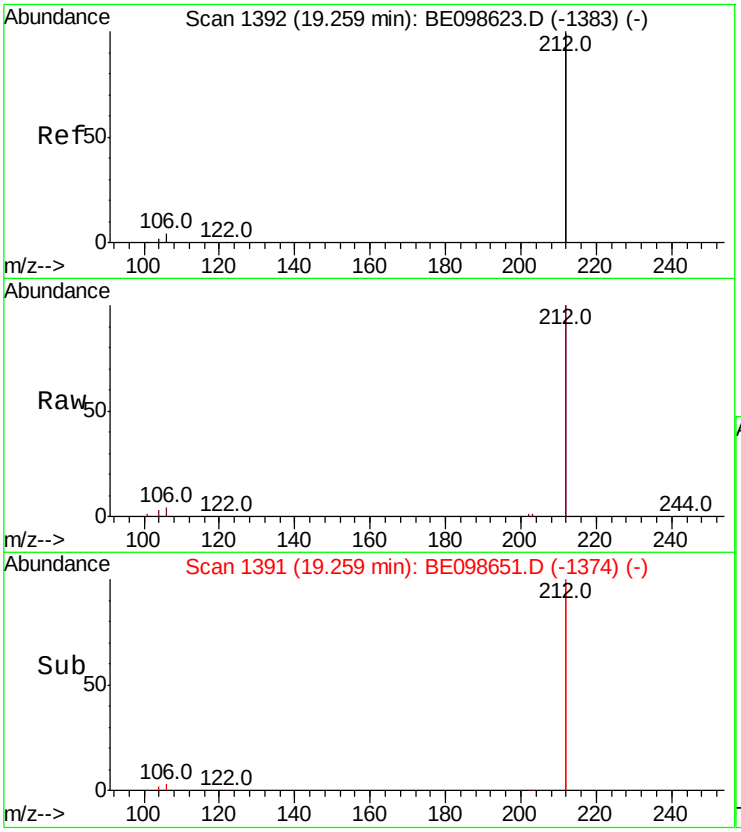


#24
Anthracene
Concen: 0.339 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:178 Resp: 4887

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	16.3	11.8	17.8



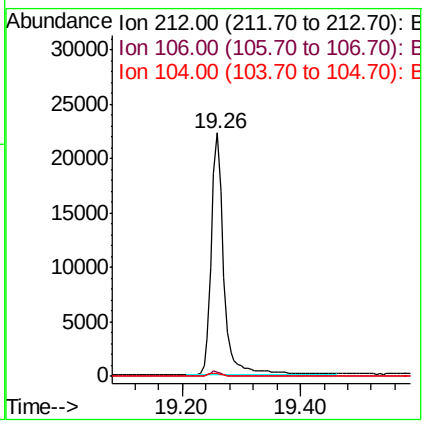


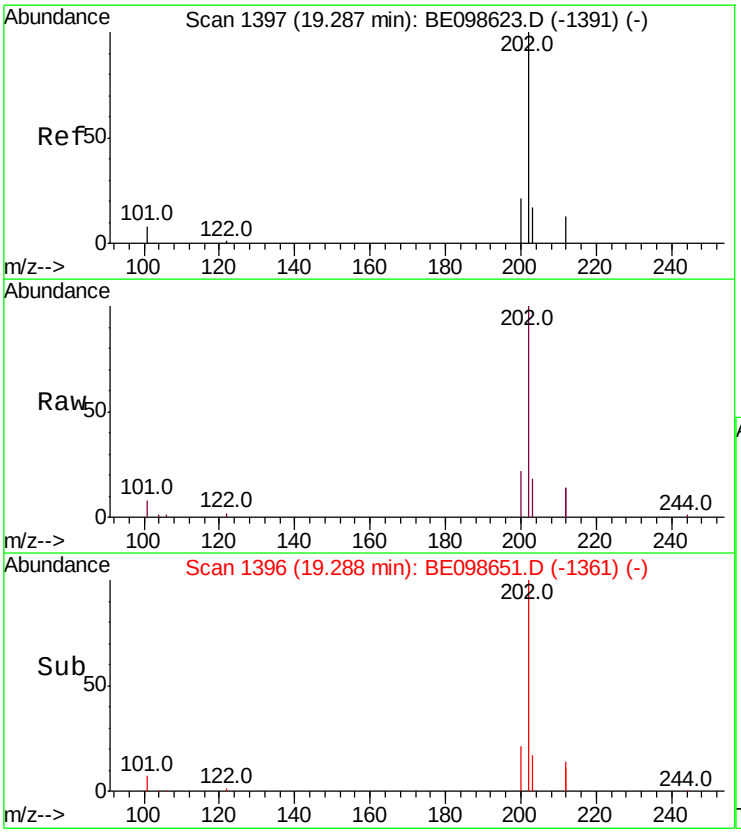
#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 32663

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.7	2.5
104	1.2	1.0	1.6

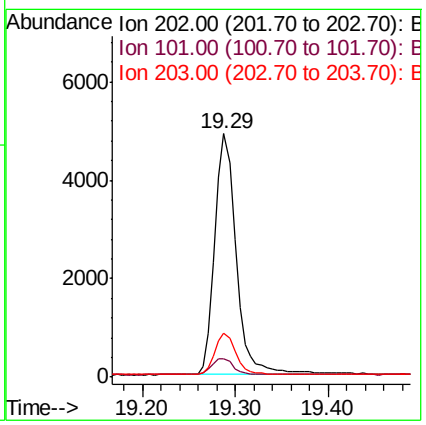


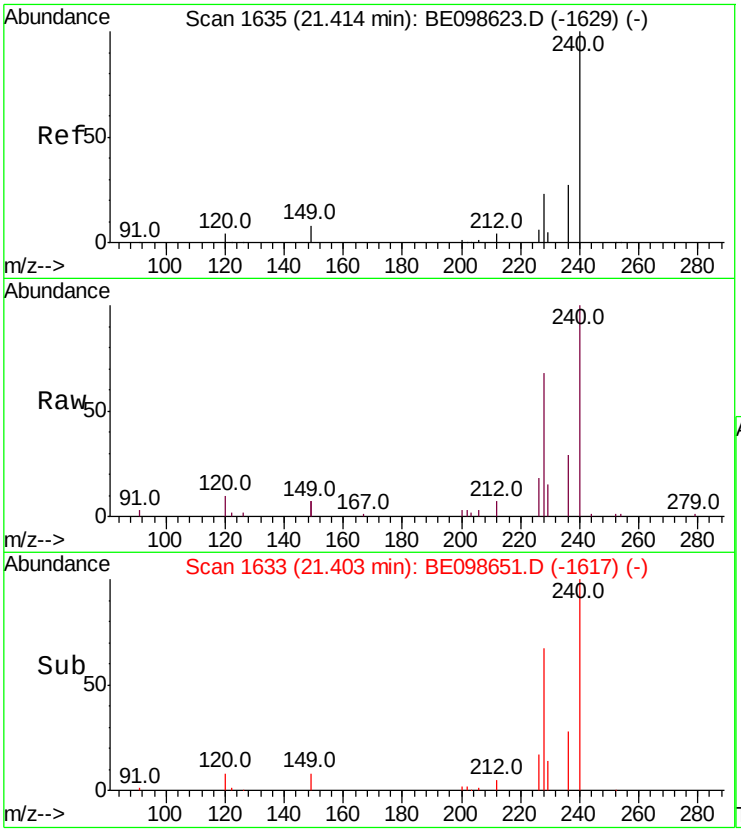


#26
Fluoranthene
Concen: 0.364 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:202 Resp: 7879

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.7	10.1
203	16.3	13.3	19.9



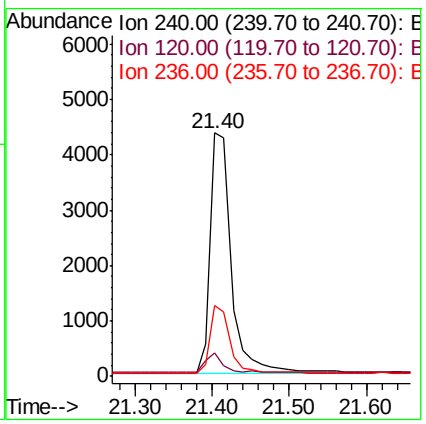


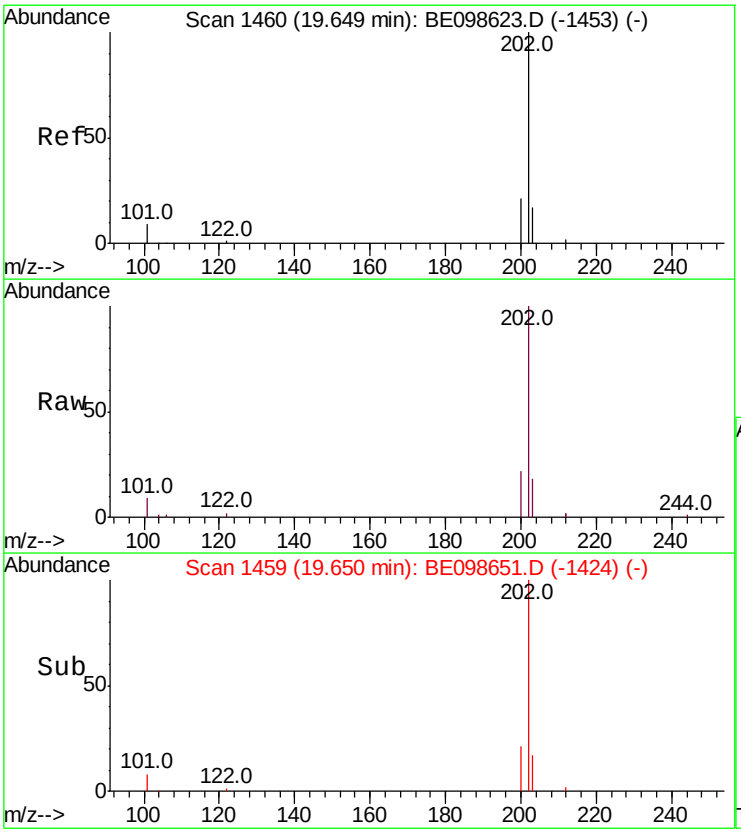
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8472

Ion	Ratio	Lower	Upper
240	100		
120	9.7	4.7	7.1#
236	29.1	21.9	32.9

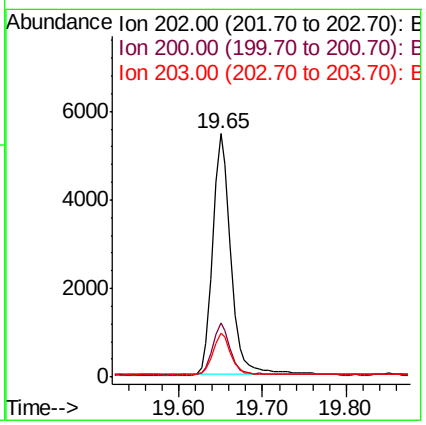


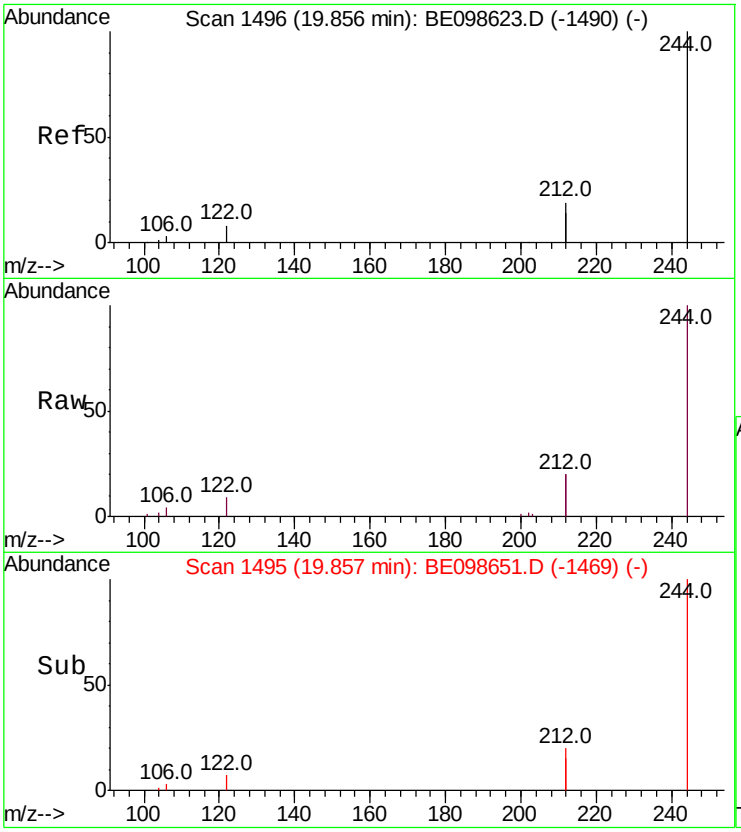


#28
Pyrene
Concen: 0.355 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:202 Resp: 8290

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.1	13.8	20.8



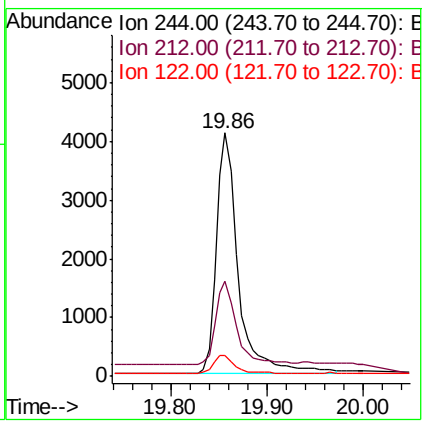


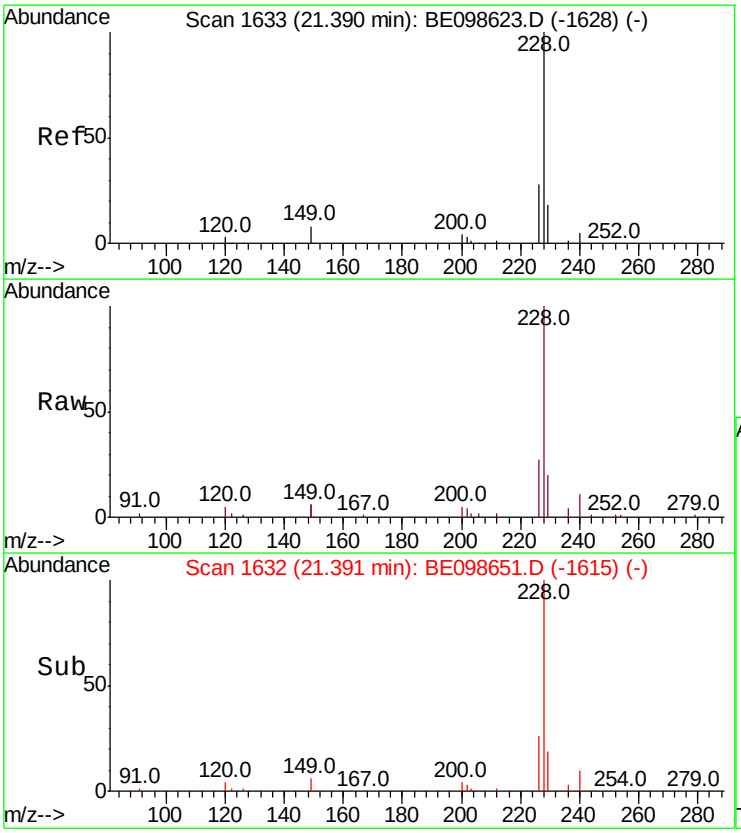
#29
Terphenyl-d14
Concen: 0.349 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6548

Ion	Ratio	Lower	Upper
244	100		
212	39.2	29.4	44.2
122	8.5	7.1	10.7

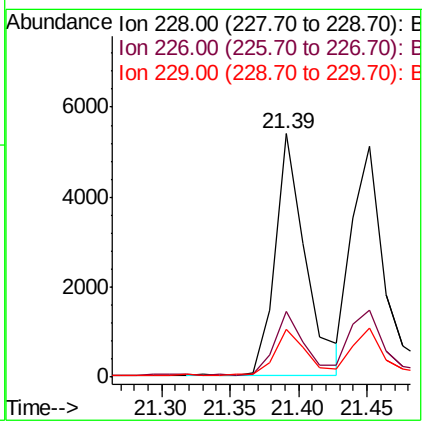


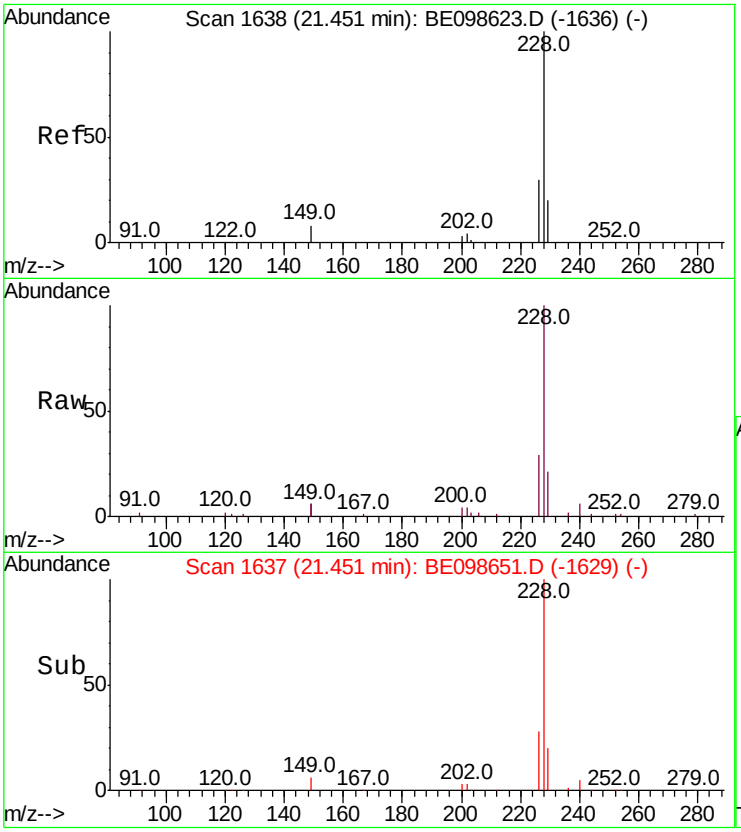


#30
Benzo(a)anthracene
Concen: 0.362 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:228 Resp: 8240

Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.4
229	19.8	15.0	22.6



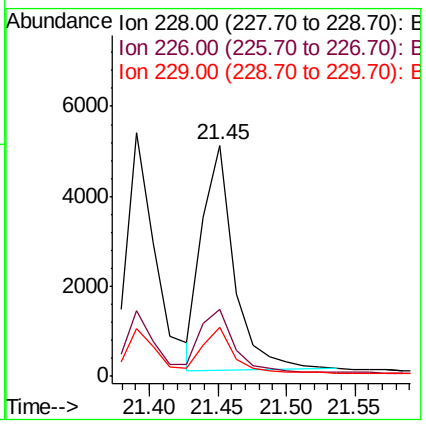


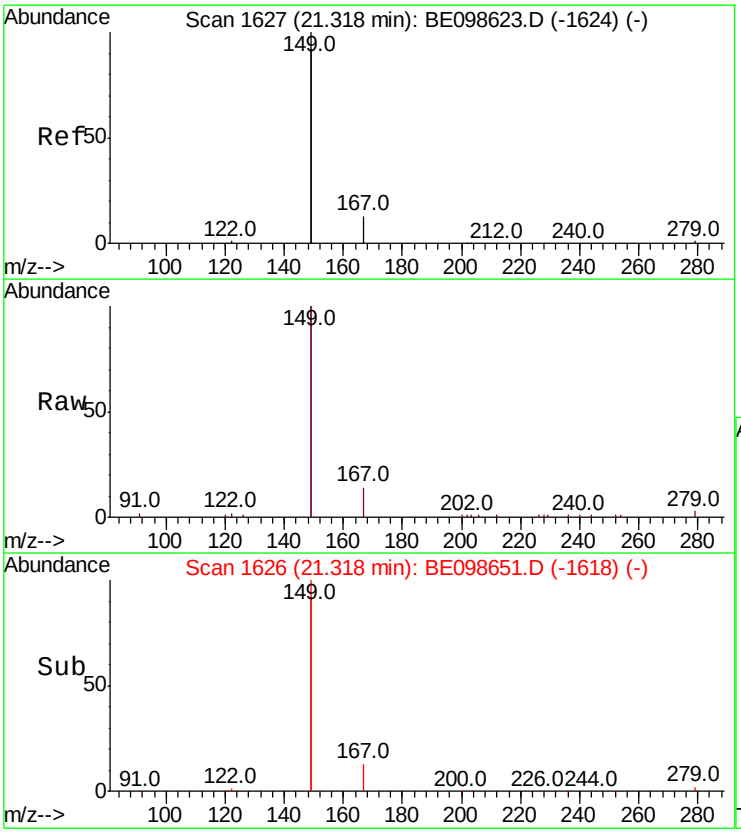
#31
Chrysene
Concen: 0.342 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 8070

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.6	36.8
229	21.2	16.4	24.6

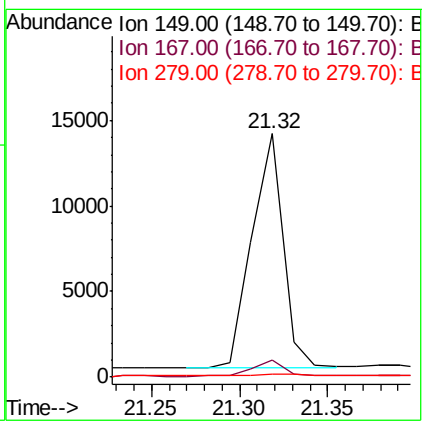


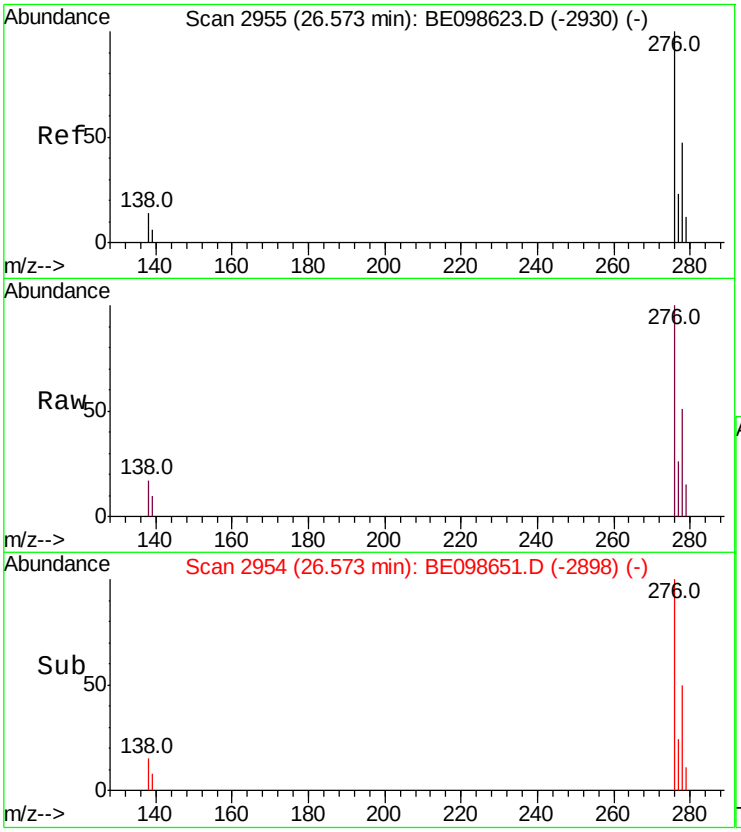


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.343 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:149 Resp: 16568

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.2
279	1.2	1.0	1.4



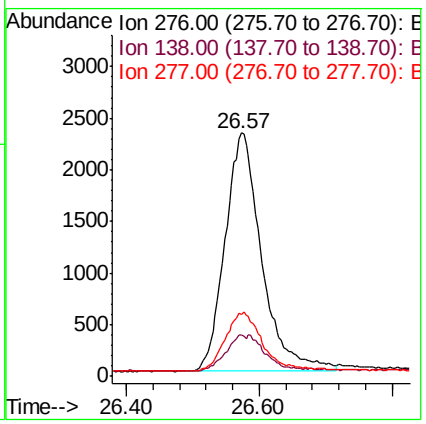


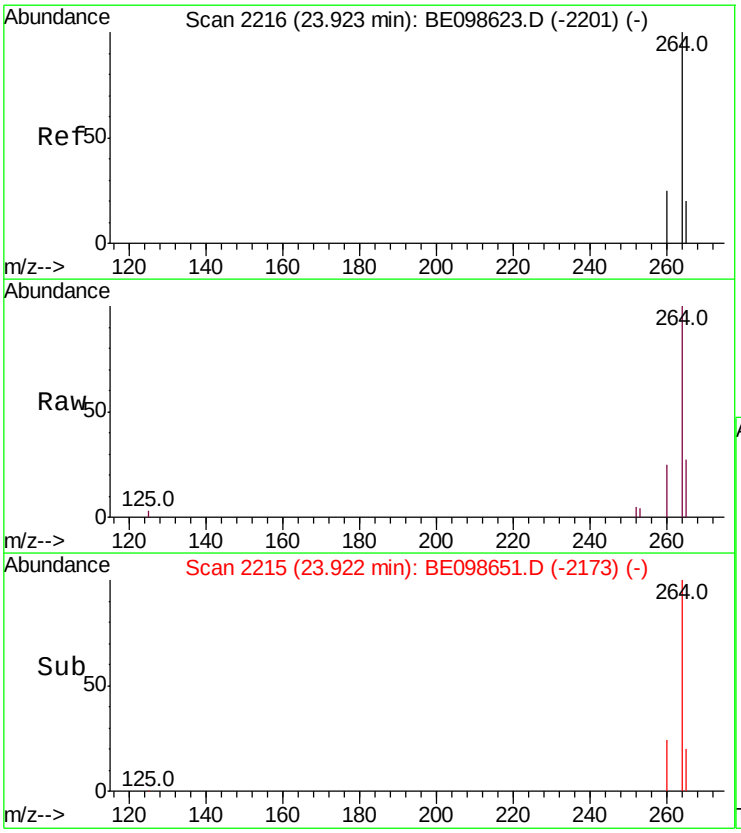
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng
RT: 26.57 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8873

Ion	Ratio	Lower	Upper
276	100		
138	8.2	13.3	19.9#
277	24.7	19.4	29.0

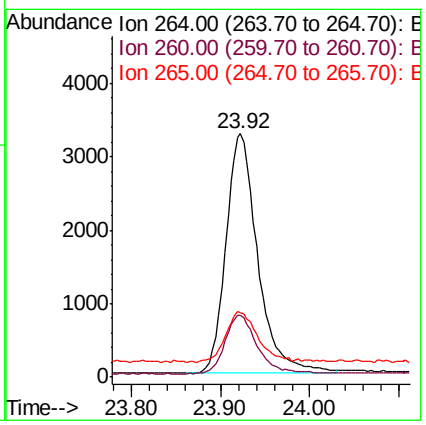


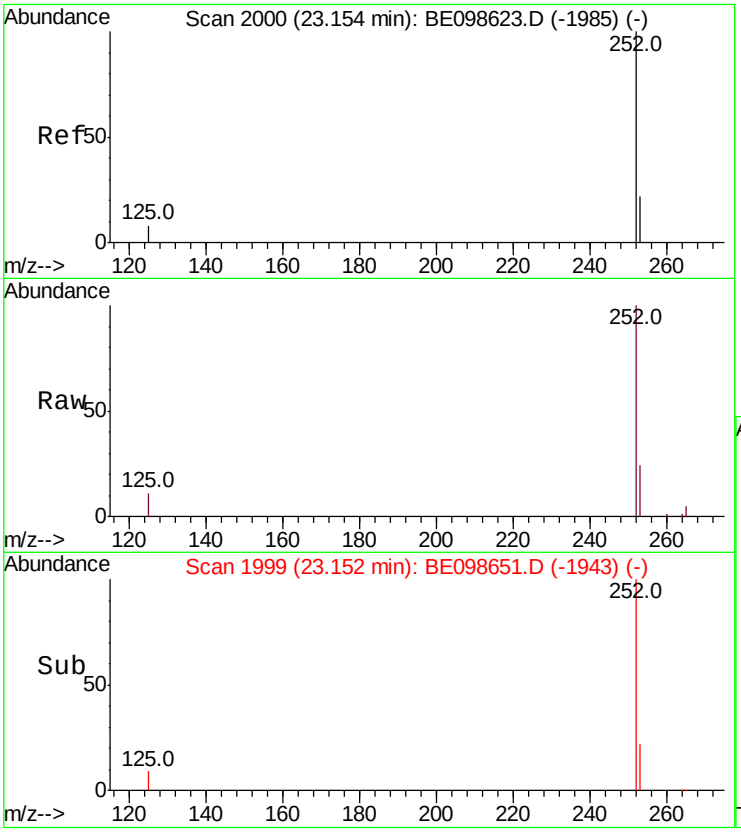


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:264 Resp: 8153

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	26.5	22.3	33.5



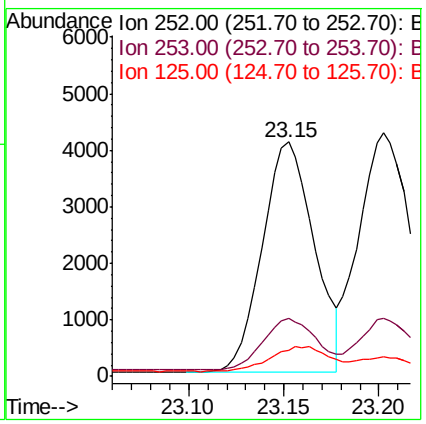


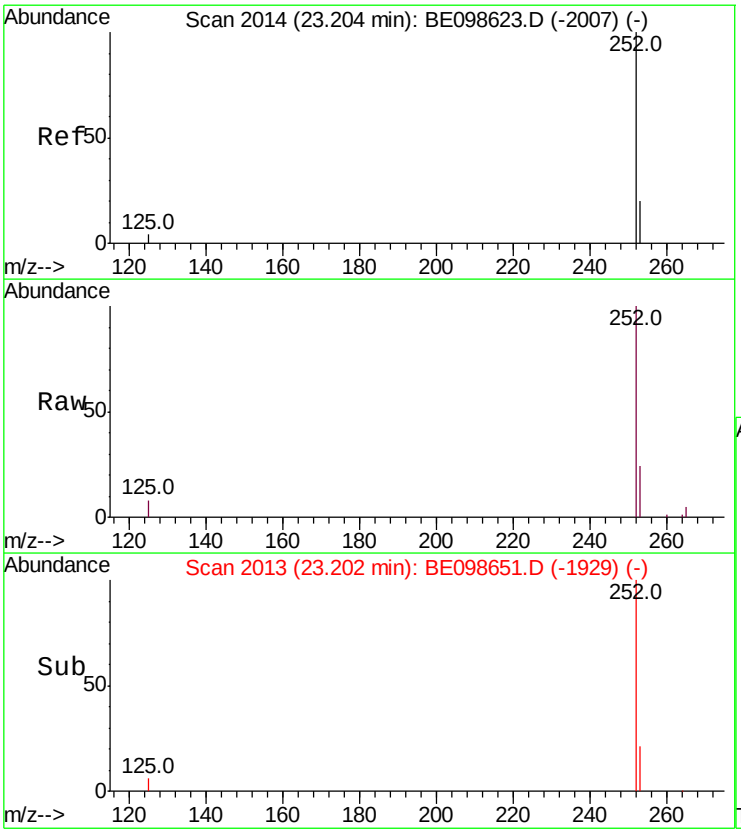
#35
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 23.15 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7765

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.0
125	11.3	8.2	12.4

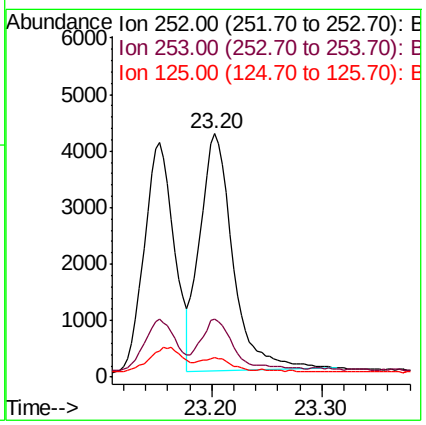


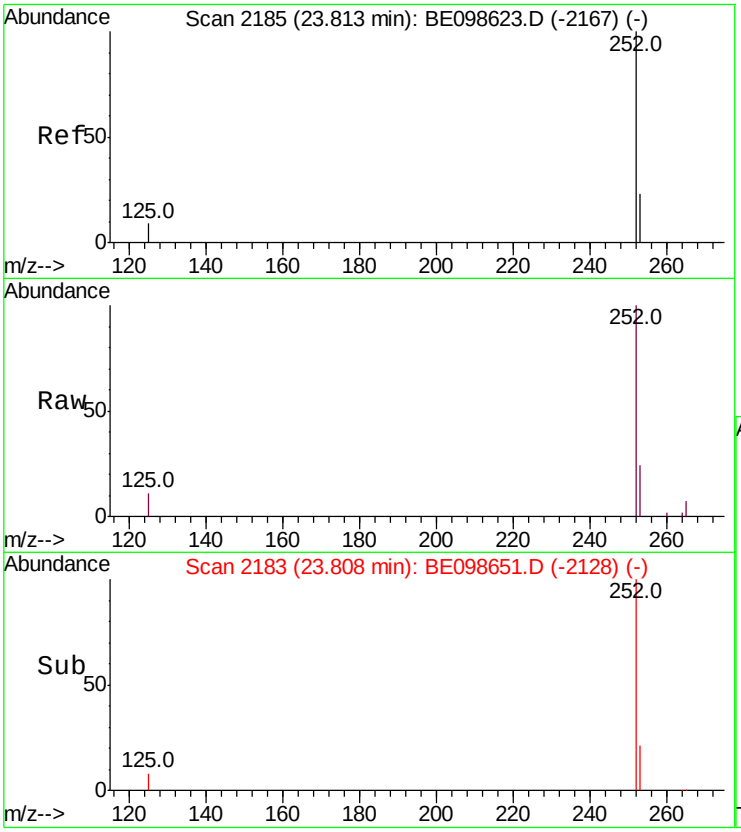


#36
Benzo(k)fluoranthene
Concen: 0.361 ng
RT: 23.20 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:252 Resp: 8783

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	7.9	7.0	10.4



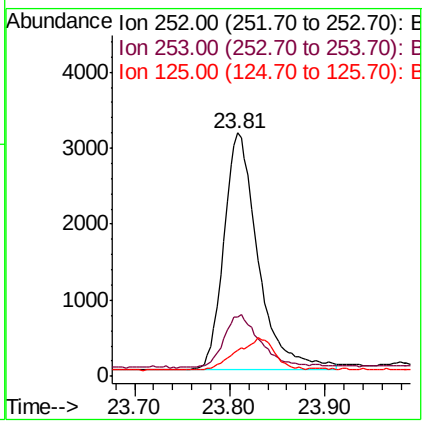


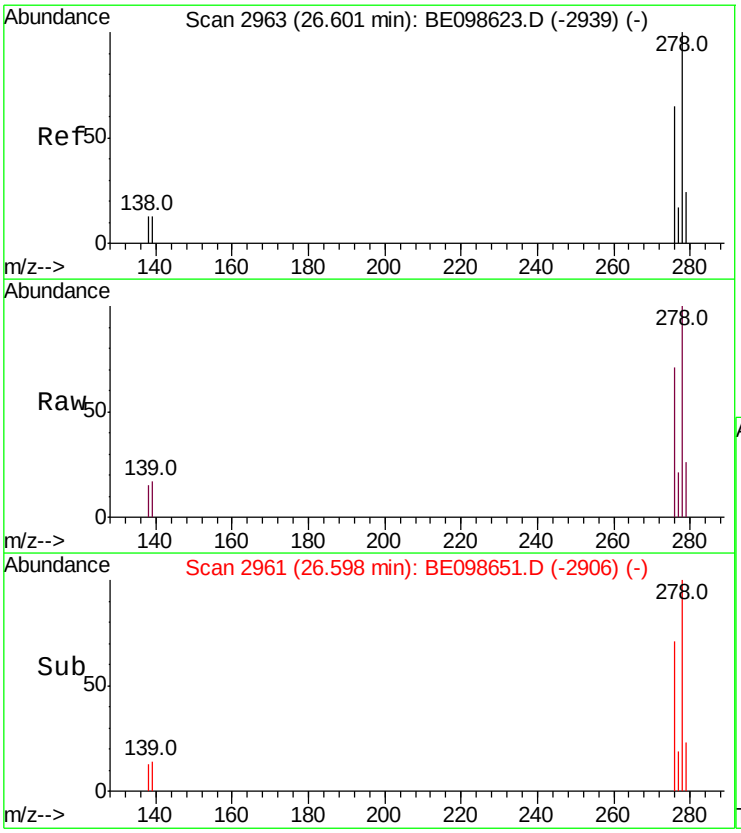
#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7764

Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.0	31.4
125	10.5	9.2	13.8

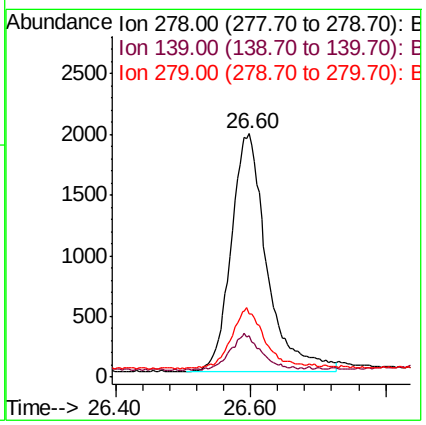


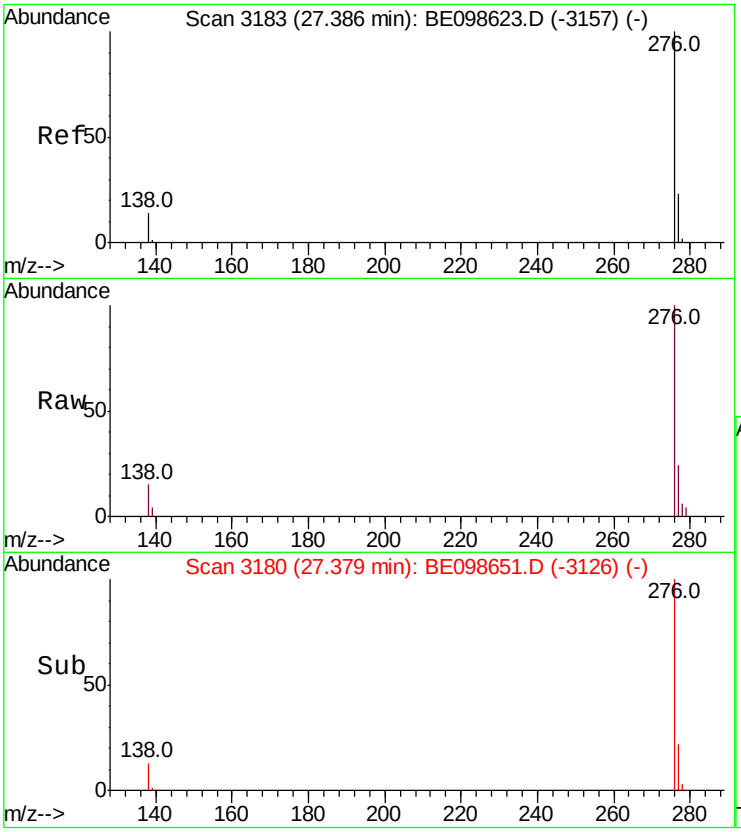


#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 26.60 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:278 Resp: 7181

Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.7	19.1
279	26.1	22.0	33.0





#39
Benzo(g,h,i)perylene
Concen: 0.359 ng
RT: 27.38 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 7619

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.3	30.5
138	15.2	13.3	19.9