Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
Data File : BE098938.D
Acq On : 14 Mar 2019 10:12
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 15 05:30:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	722	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3448	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2300	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	5726	0.40	ng		0.00
27) Chrysene-d12	21.40	240	6554	0.40	ng		0.00
34) Perylene-d12	23.90	264	6324	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	778	0.36	ng		0.02
5) Phenol-d6	7.00	99	1062	0.35	ng		0.02
8) Nitrobenzene-d5	8.98	82	1196	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.19	152	2481	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	350	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	3524	0.37	ng		0.00
25) Fluoranthene-d10	19.24	212	32014	0.35	ng		0.00
29) Terphenyl-d14	19.85	244	5985	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	548	0.389	ng		96
3) n-Nitrosodimethylamine	3.66	42	252	0.139	ng	#	78
6) bis(2-Chloroethyl)ether	7.23	93	759	0.323	ng		78
9) Naphthalene	10.64	128	15339	0.388	ng		100
10) Hexachlorobutadiene	10.91	225	1021	0.391	ng		97
12) 2-Methylnaphthalene	12.27	142	2317	0.362	ng		99
16) Acenaphthylene	14.18	152	4366	0.369	ng		98
17) Acenaphthene	14.51	154	2727	0.389	ng		97
18) Fluorene	15.50	166	3766	0.372	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	1060	0.342	ng		92
21) Hexachlorobenzene	16.52	284	1429	0.387	ng		98
22) Pentachlorophenol	16.92	266	141	0.377	ng		94
23) Phenanthrene	17.25	178	6259	0.385	ng		98
24) Anthracene	17.35	178	4627	0.333	ng		99
26) Fluoranthene	19.27	202	8022	0.349	ng		100
28) Pyrene	19.64	202	8177	0.408	ng		99
30) Benzo(a)anthracene	21.38	228	7462	0.365	ng		99
31) Chrysene	21.44	228	8252	0.377	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	13436	0.309	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	8203	0.355	ng		98
35) Benzo(b)fluoranthene	23.13	252	7511	0.361	ng		97
36) Benzo(k)fluoranthene	23.18	252	8739	0.401	ng		99
37) Benzo(a)pyrene	23.79	252	7501	0.376	ng		98
38) Dibenzo(a,h)anthracene	26.57	278	6177	0.327	ng		99
39) Benzo(g,h,i)perylene	27.34	276	3141	0.159	ng		97

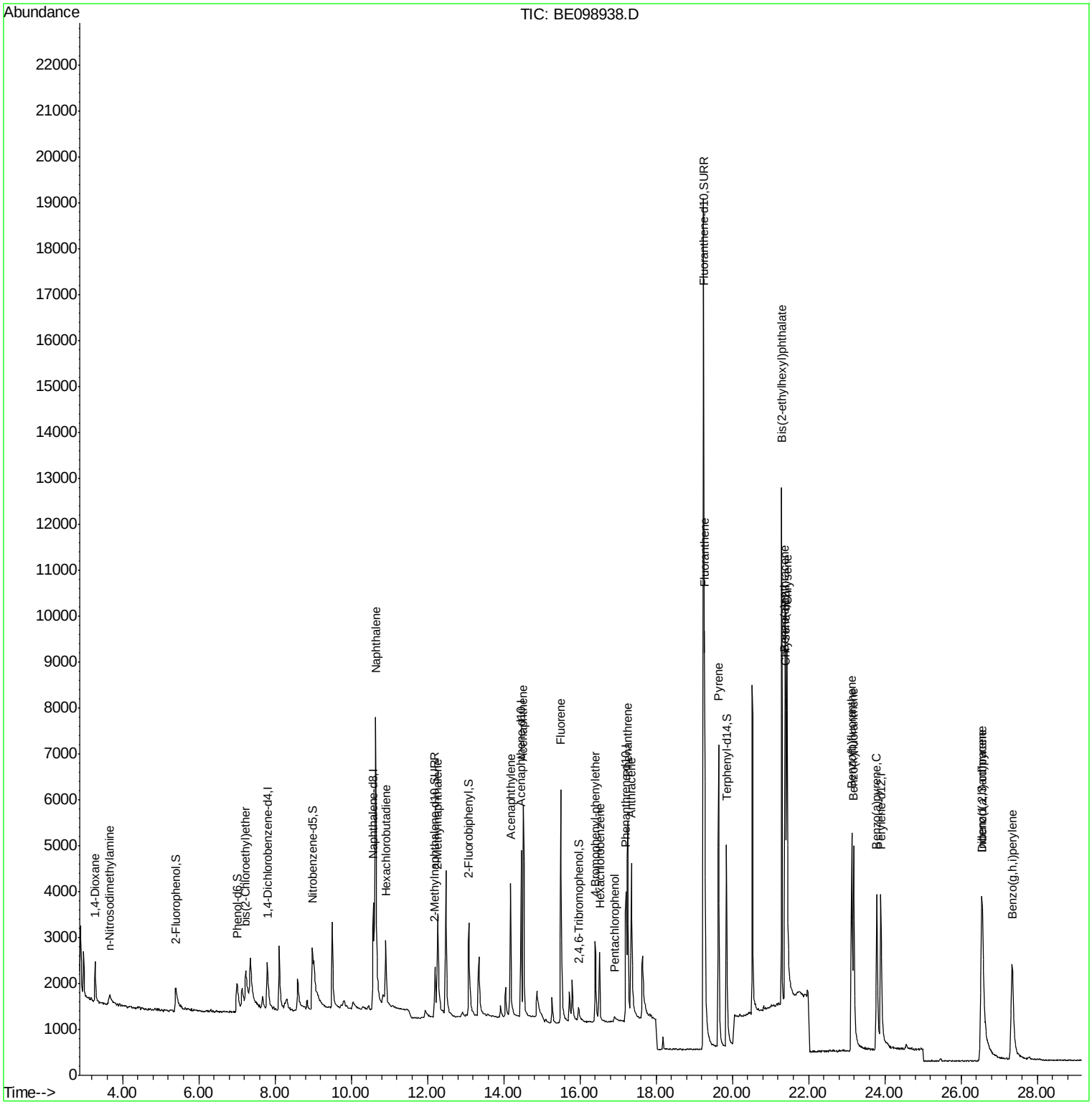
(#) = qualifier out of range (m) = manual integration (+) = signals summed

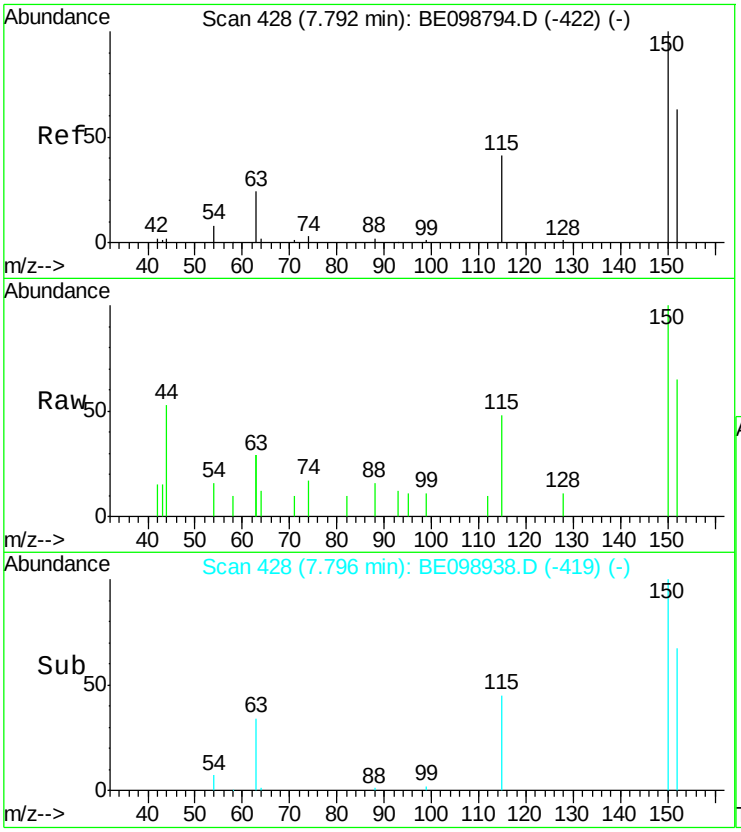
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
Data File : BE098938.D
Acq On : 14 Mar 2019 10:12
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 15 04:47:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



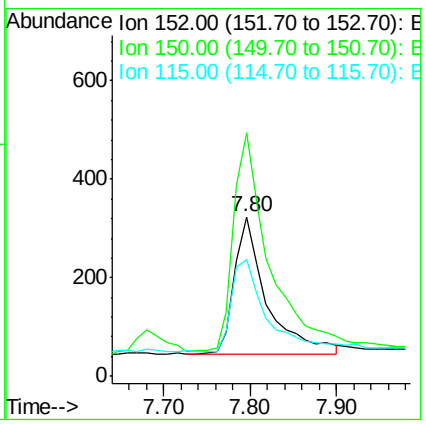


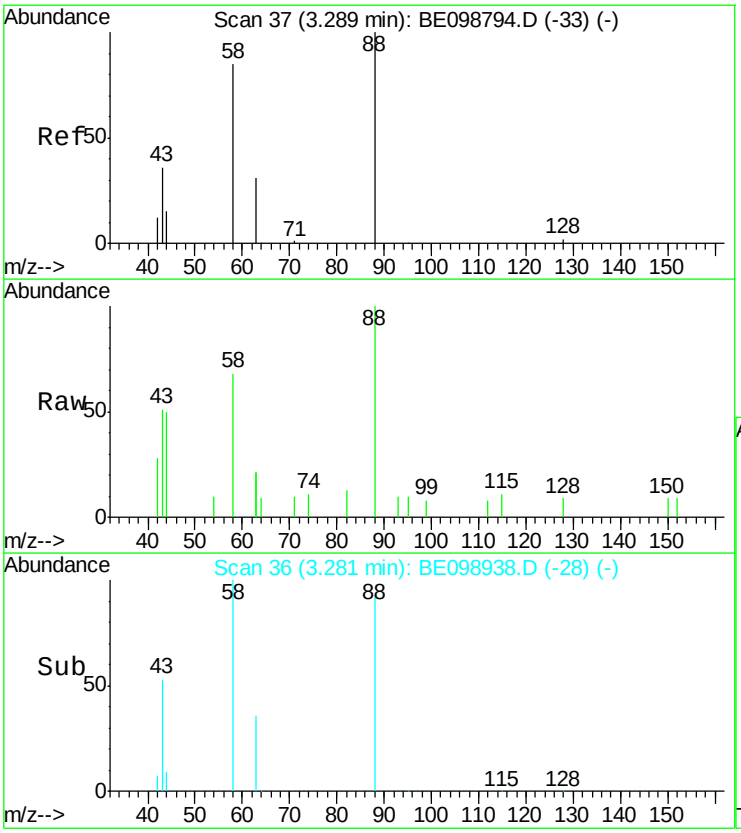
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 722

Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.5	183.7
115	73.7	57.4	86.2

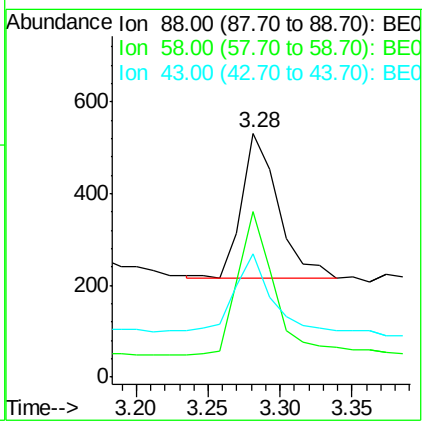


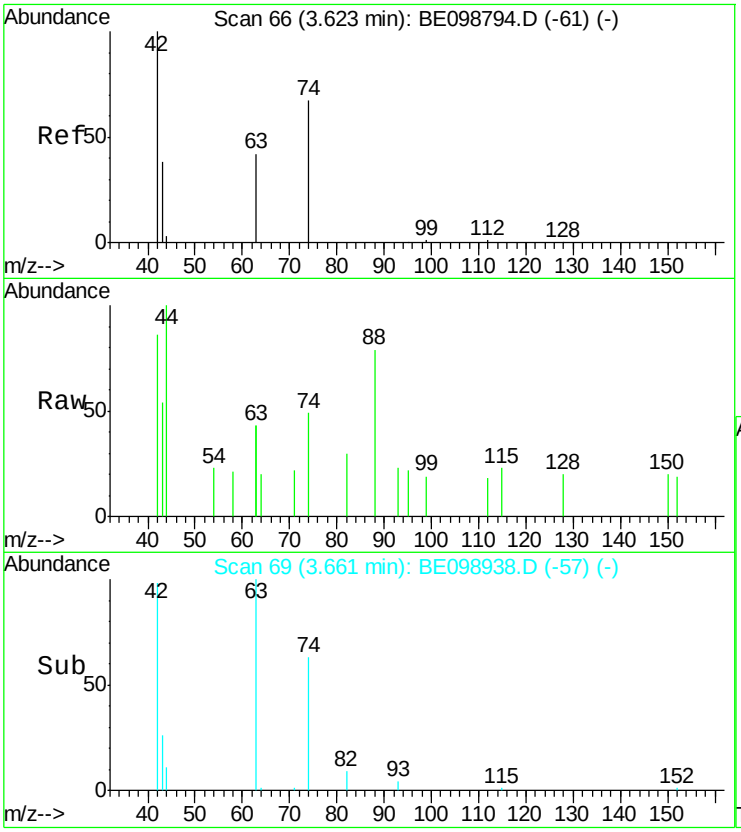


#2
1,4-Dioxane
Concen: 0.389 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion: 88 Resp: 548

Ion	Ratio	Lower	Upper
88	100		
58	98.5	75.8	113.6
43	55.3	41.8	62.8



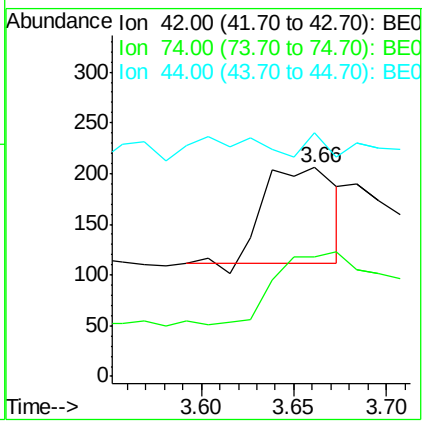


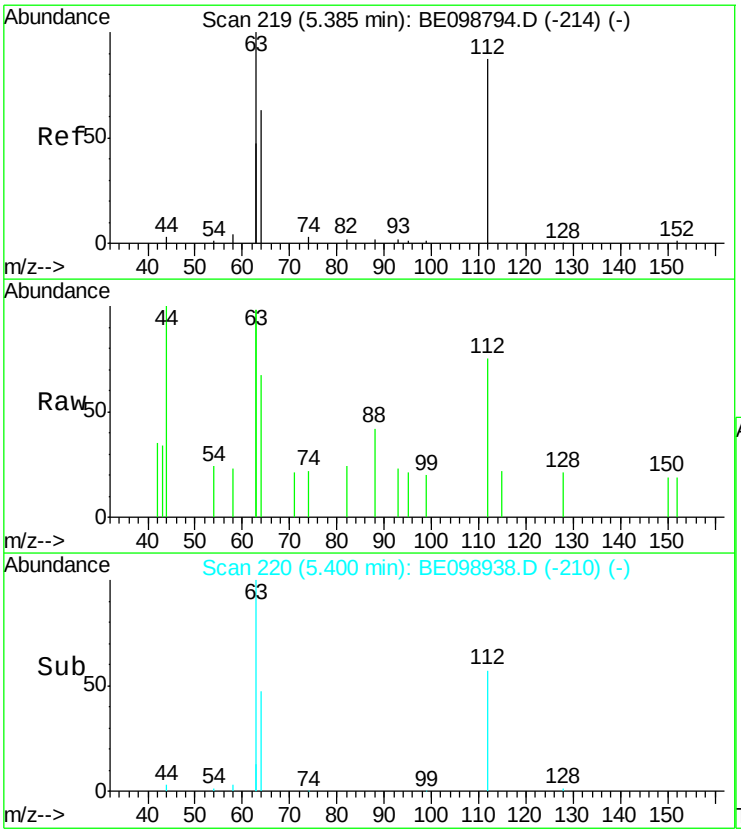
#3
n-Nitrosodimethylamine
Concen: 0.139 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.04 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 252

Ion	Ratio	Lower	Upper
42	100		
74	89.3	57.0	85.4#
44	6.7	0.0	0.0#

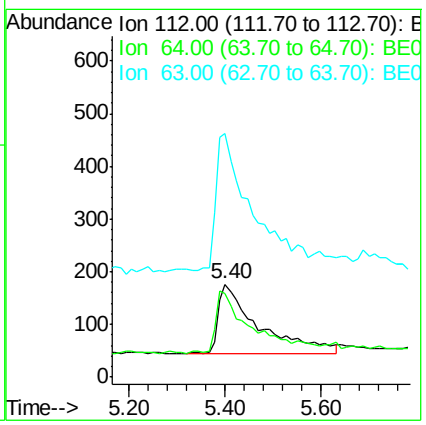


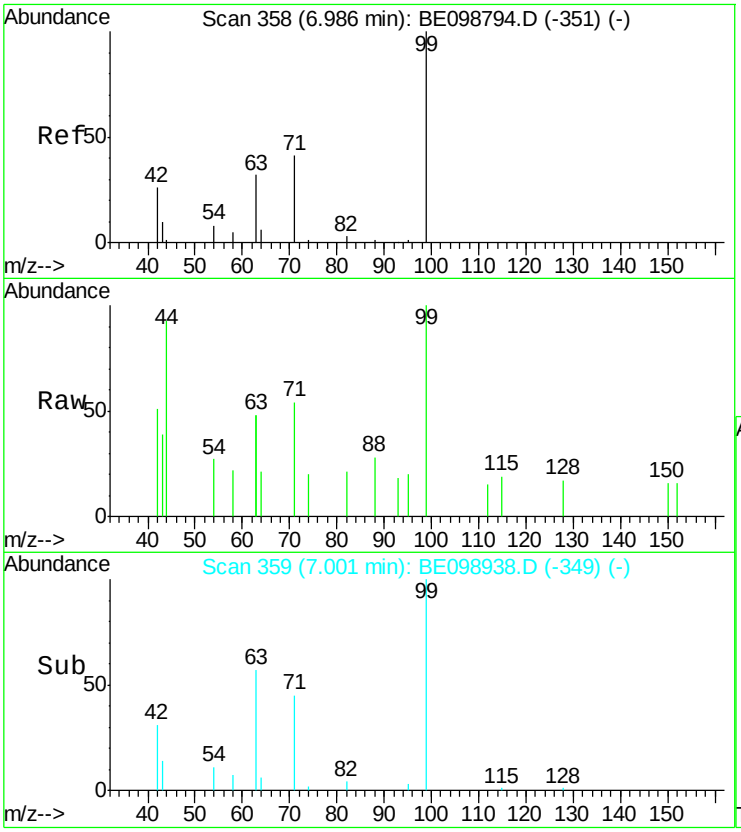


#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.02 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:112 Resp: 778

Ion	Ratio	Lower	Upper
112	100		
64	81.4	57.9	86.9
63	176.7	158.3	237.5



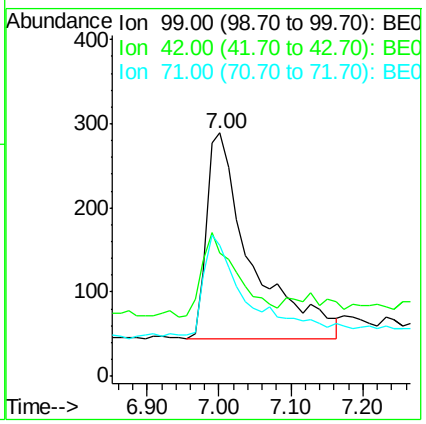


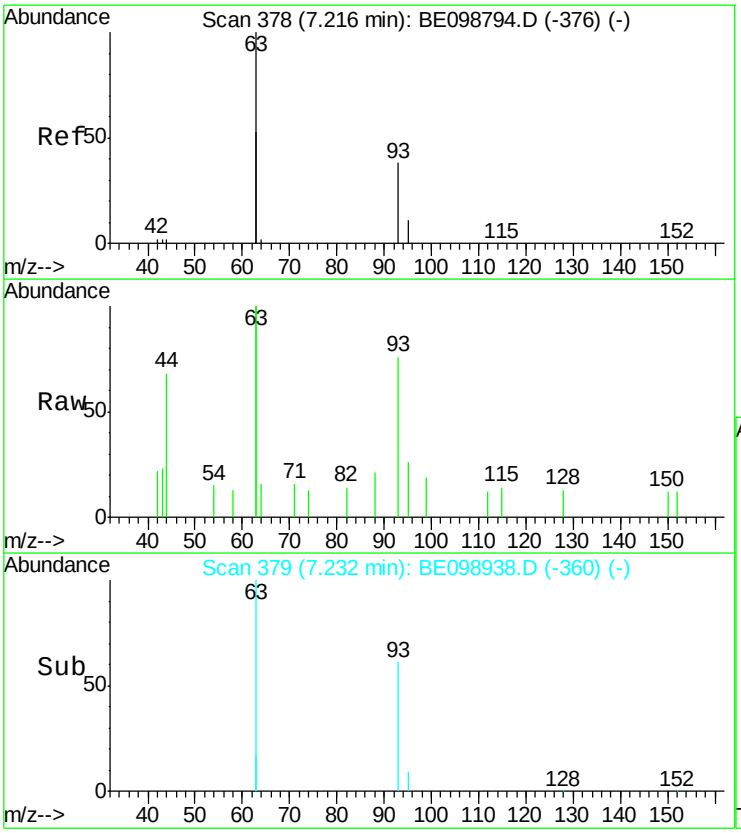
#5
Phenol-d6
Concen: 0.348 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.02 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1062

Ion	Ratio	Lower	Upper
99	100		
42	32.7	24.2	36.2
71	44.7	35.7	53.5

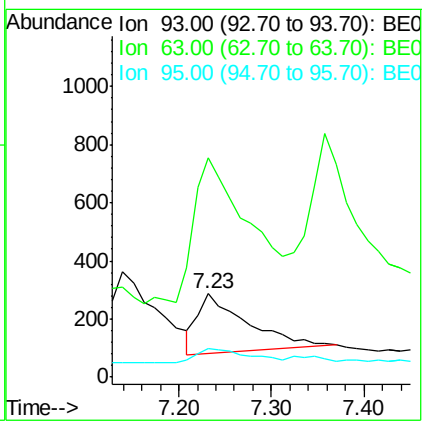


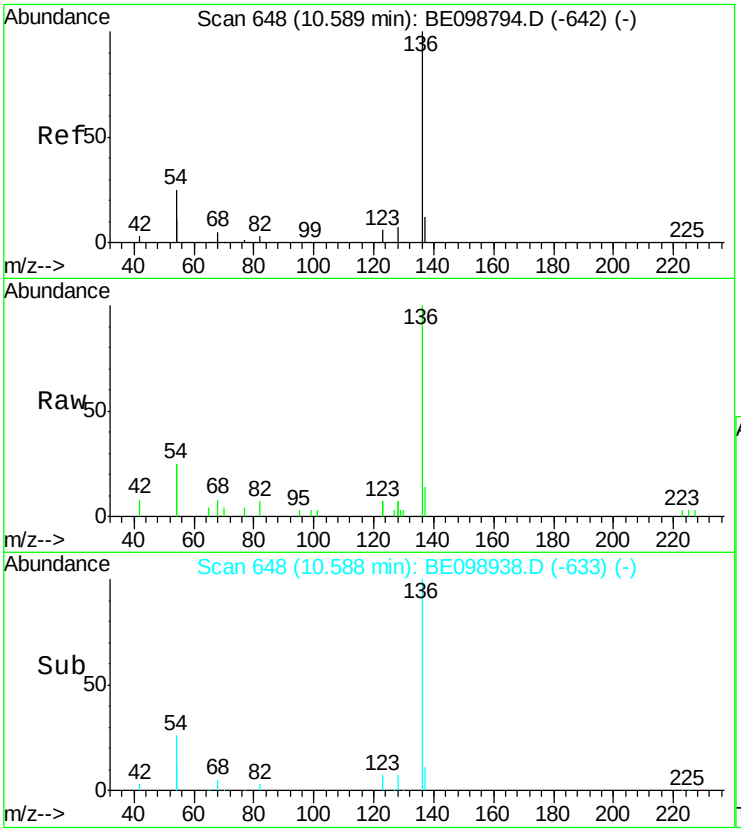


#6
bis(2-Chloroethyl)ether
Concen: 0.323 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.02 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion: 93 Resp: 759

Ion	Ratio	Lower	Upper
93	100		
63	261.7	247.5	371.3
95	25.2	21.8	32.8



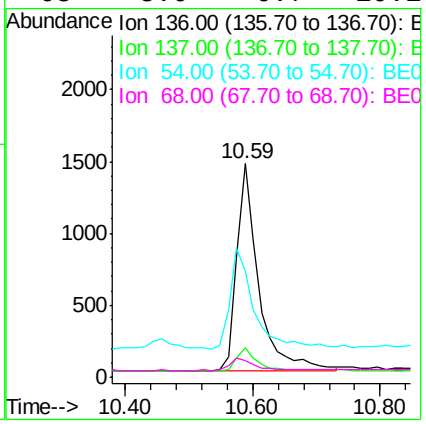


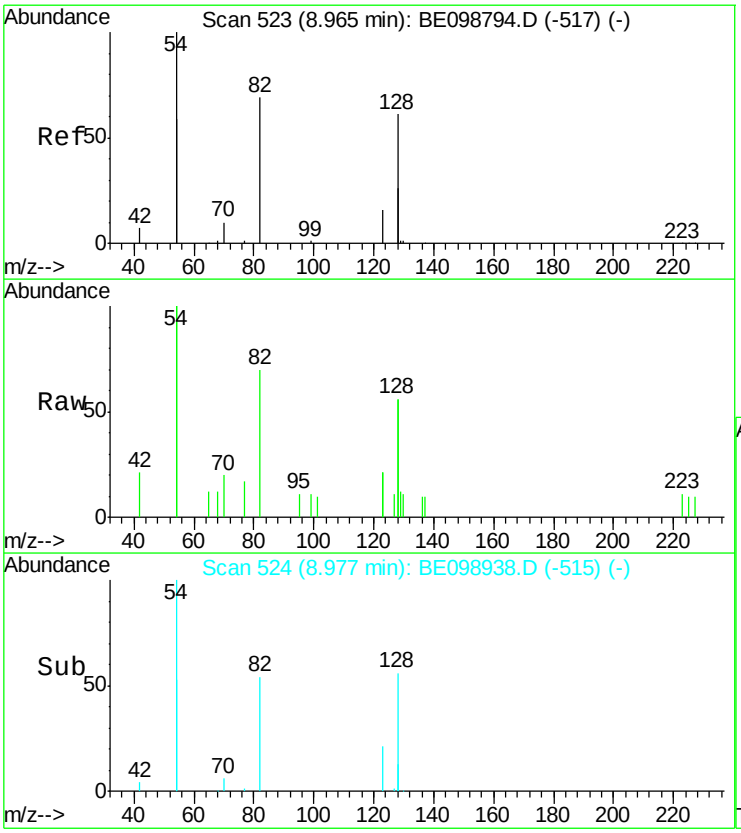
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3448

Ion	Ratio	Lower	Upper
136	100		
137	14.0	11.4	17.0
54	49.5	39.3	58.9
68	8.0	6.7	10.1

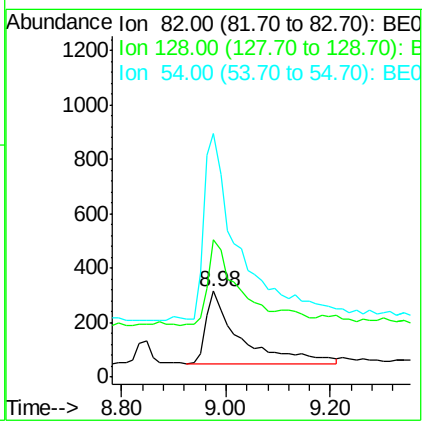


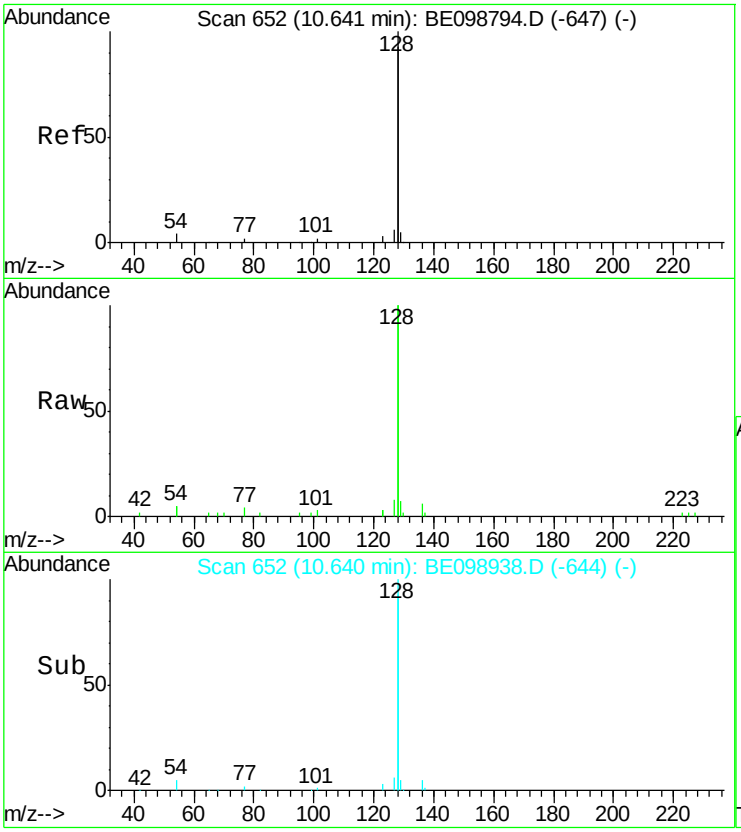


#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion: 82 Resp: 1196

Ion	Ratio	Lower	Upper
82	100		
128	160.0	123.8	185.8
54	283.8	203.4	305.2



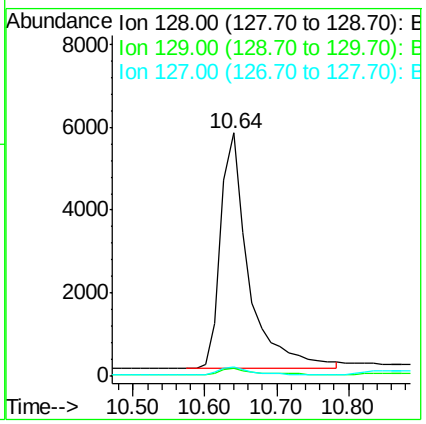


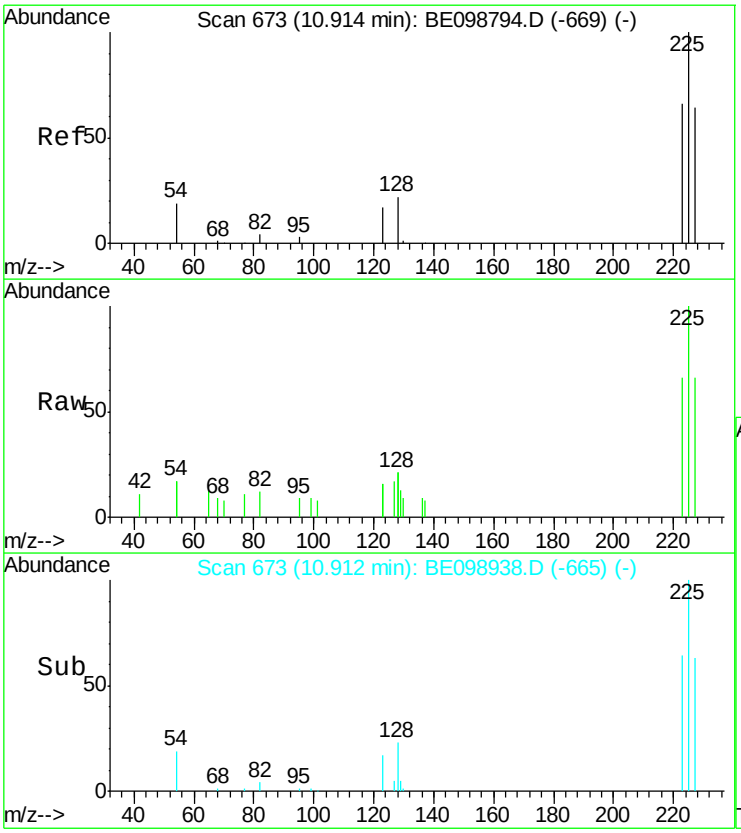
#9
Naphthalene
Concen: 0.388 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15339

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	4.0
127	4.0	3.1	4.7

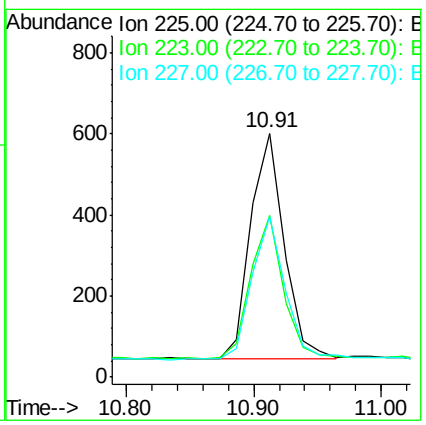


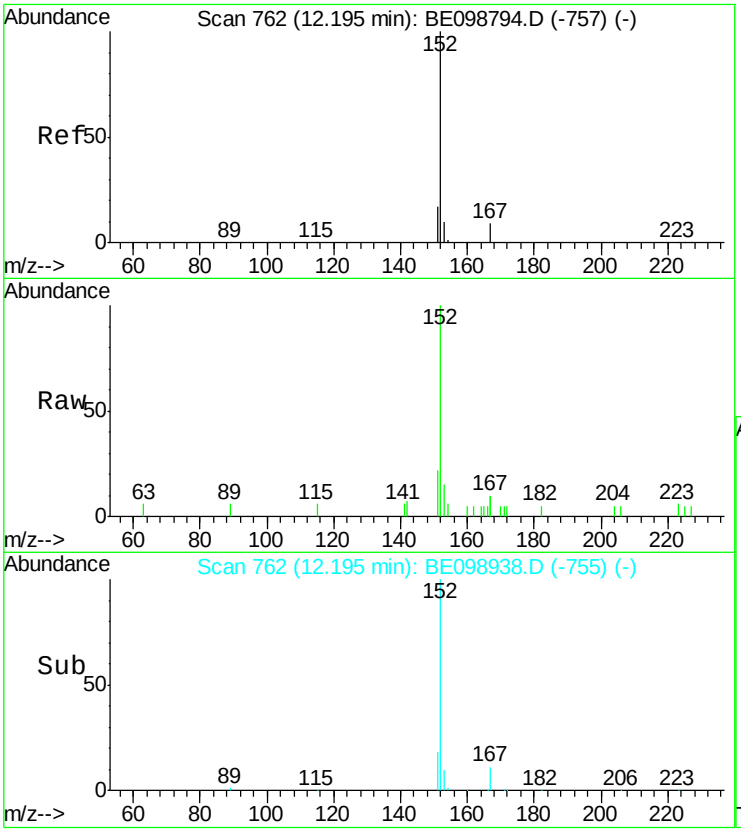


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:225 Resp: 1021

Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.1	76.7
227	61.7	51.6	77.4



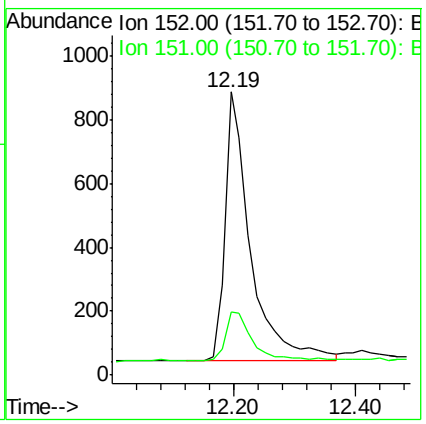


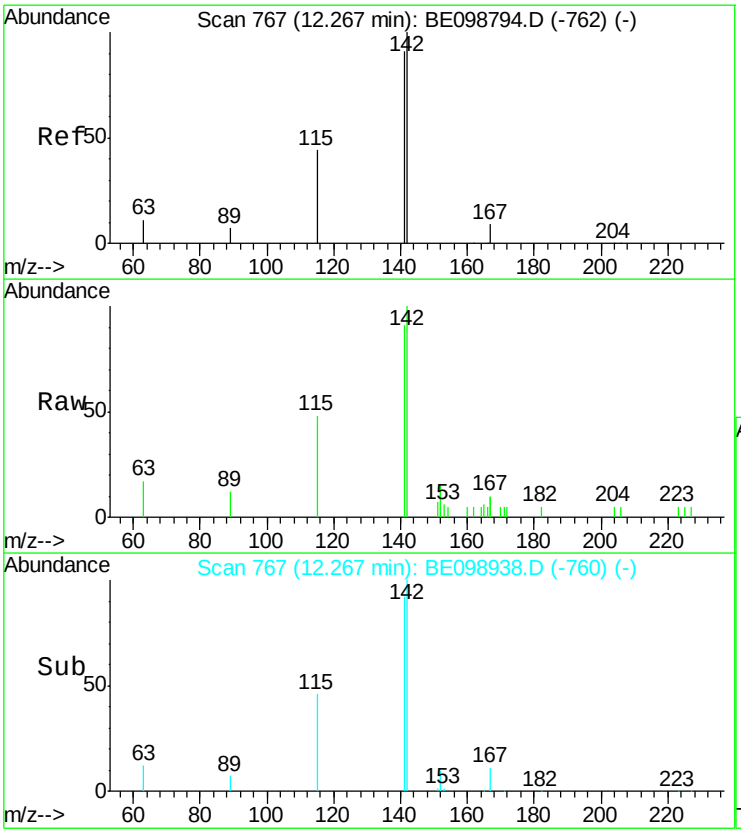
#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2481

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.5	24.7

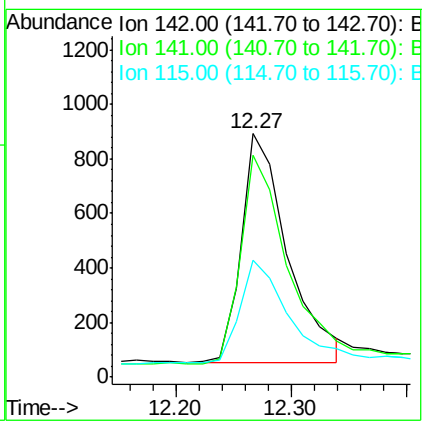


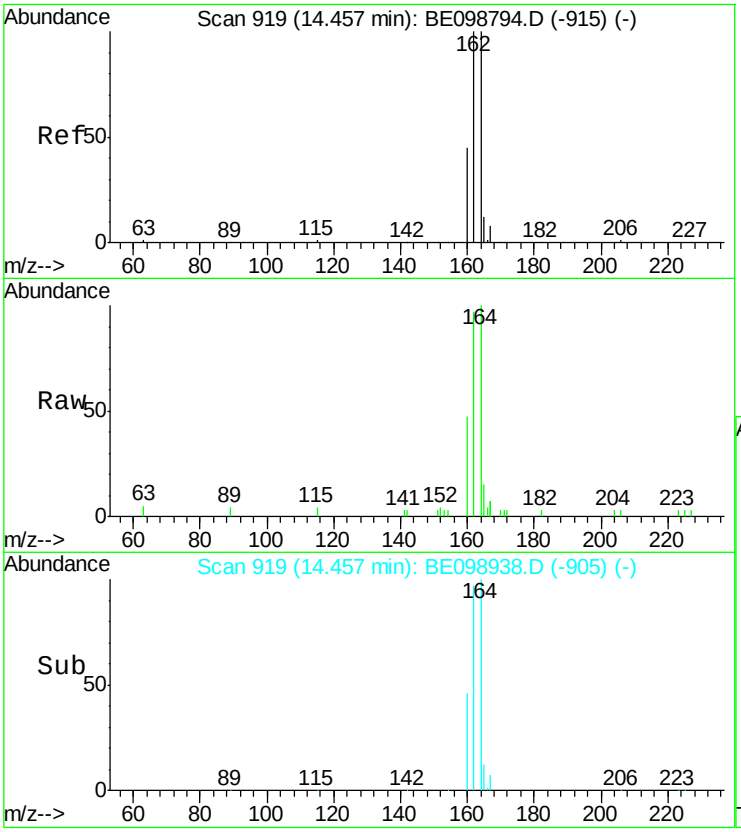


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:142 Resp: 2317

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8
115	47.9	37.4	56.2



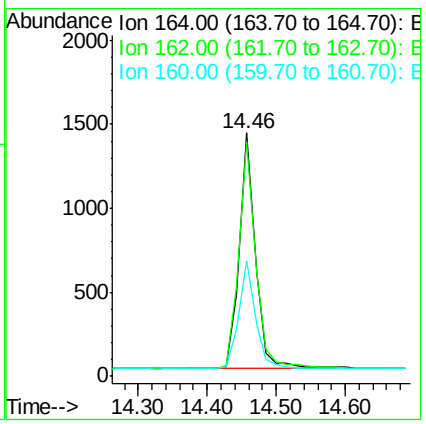


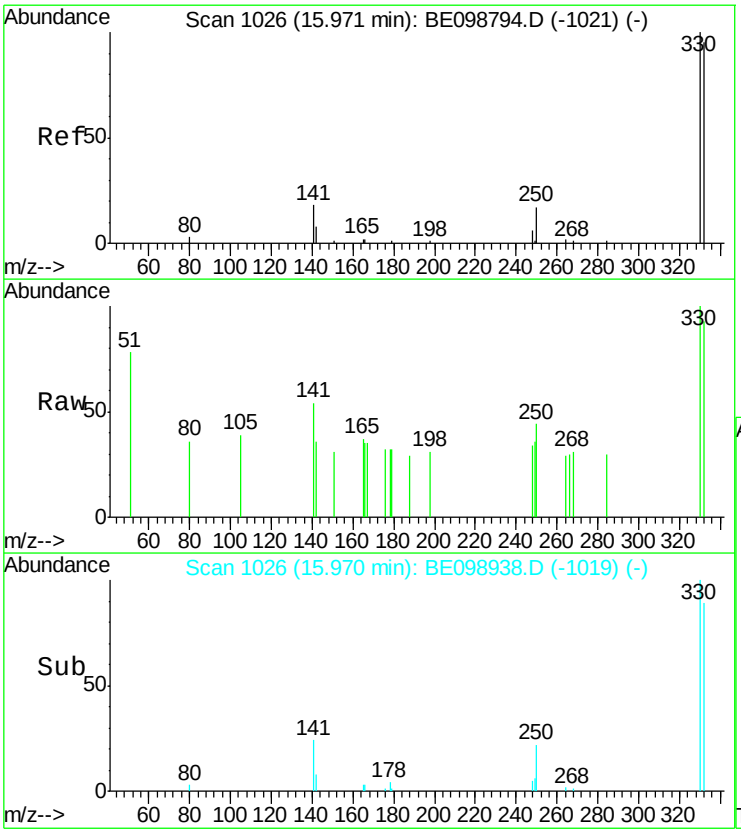
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2300

Ion	Ratio	Lower	Upper
164	100		
162	96.5	80.2	120.2
160	47.3	37.8	56.8

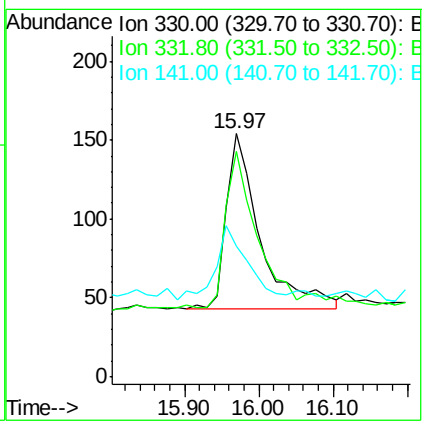


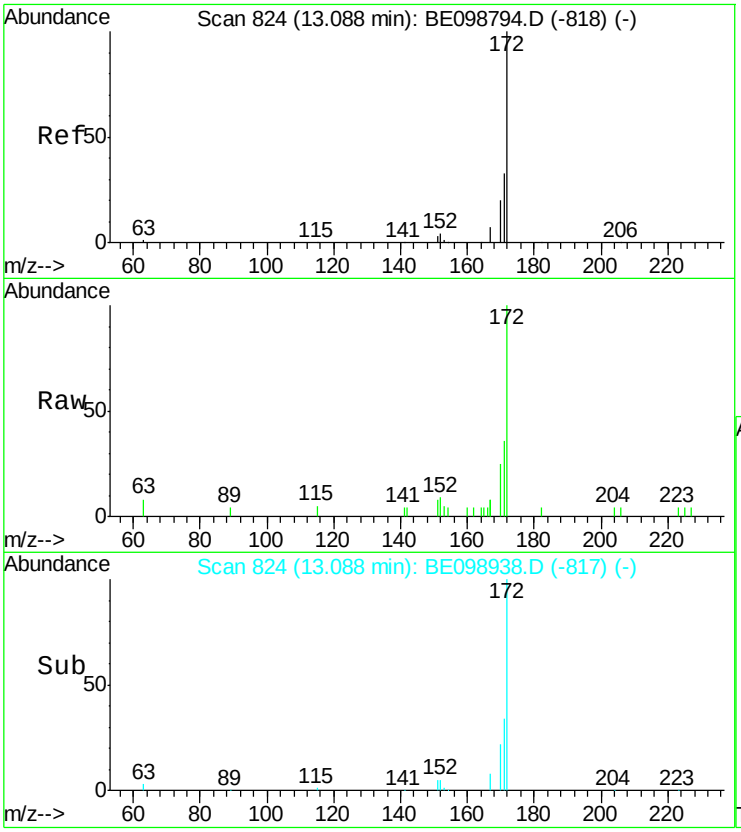


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:330 Resp: 350

Ion	Ratio	Lower	Upper
330	100		
332	83.4	77.6	116.4
141	31.4	31.0	46.4



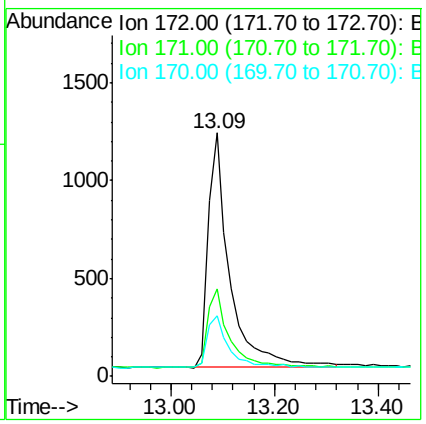


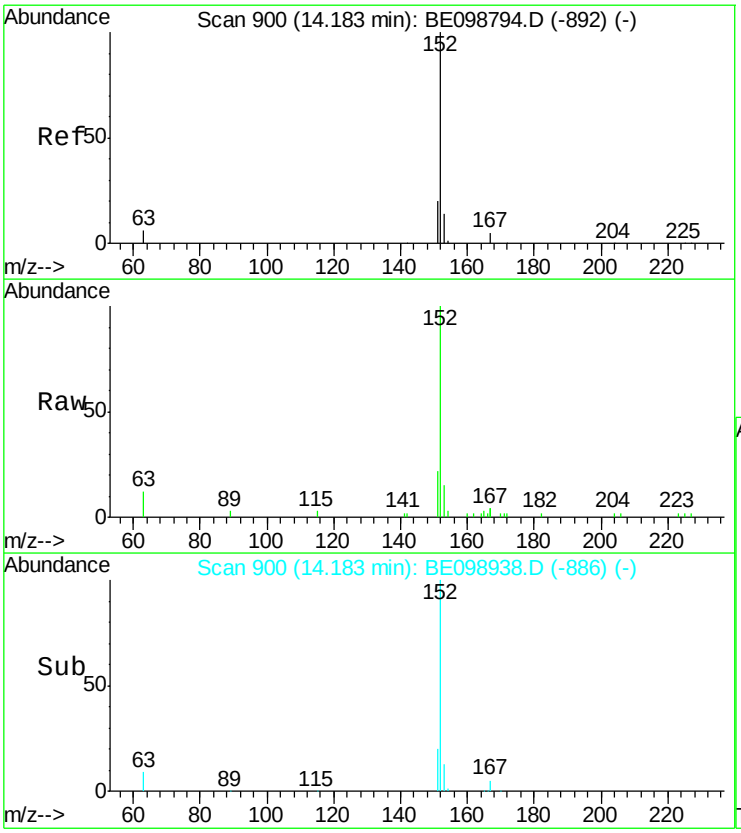
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3524

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.0	42.0
170	25.1	17.7	26.5

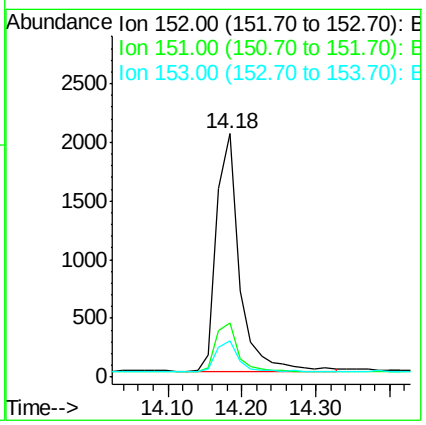


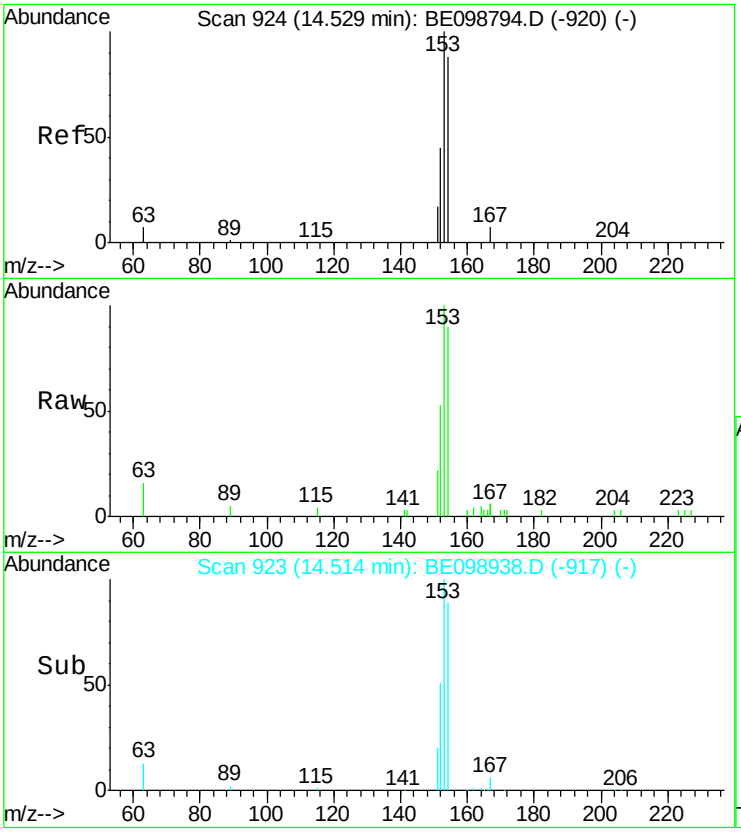


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:152 Resp: 4366

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.0	25.6
153	13.1	11.2	16.8



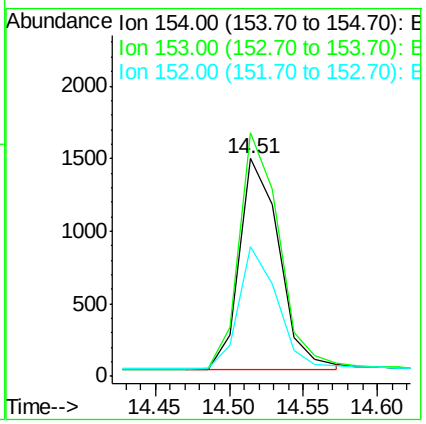


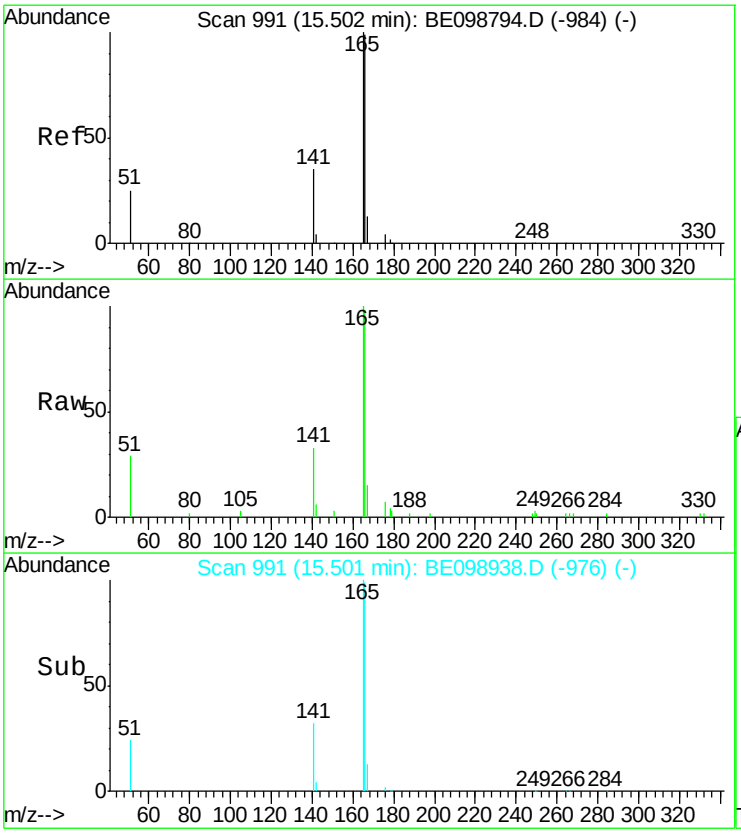
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2727

Ion	Ratio	Lower	Upper
154	100		
153	113.1	94.2	141.4
152	54.9	45.0	67.4

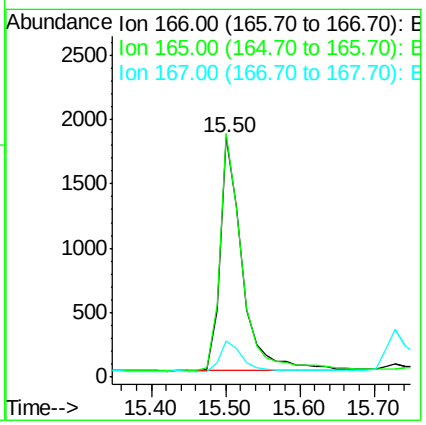


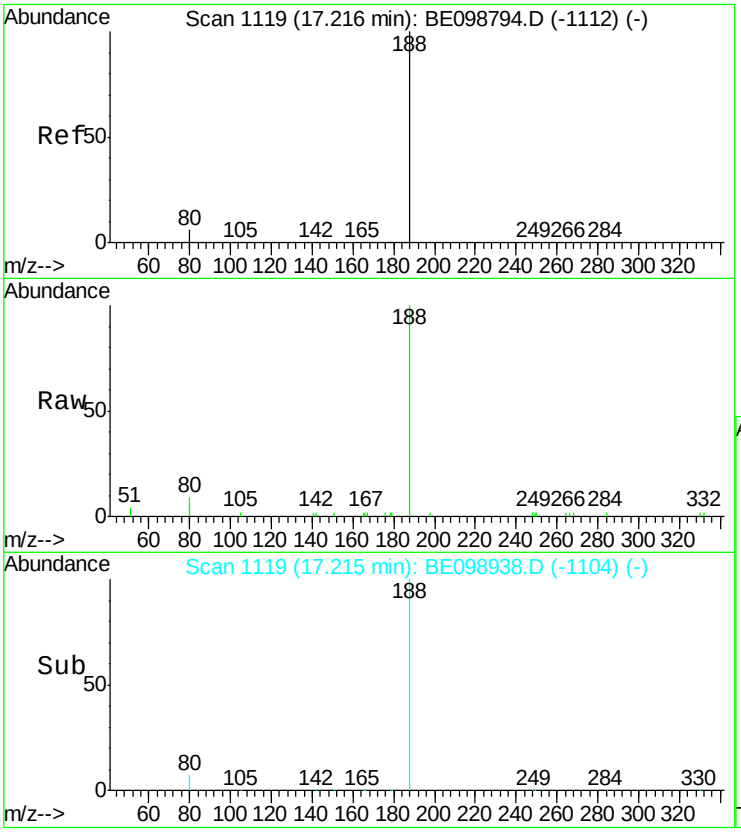


#18
Fluorene
Concen: 0.372 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:166 Resp: 3766

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.3	118.9
167	13.0	10.5	15.7



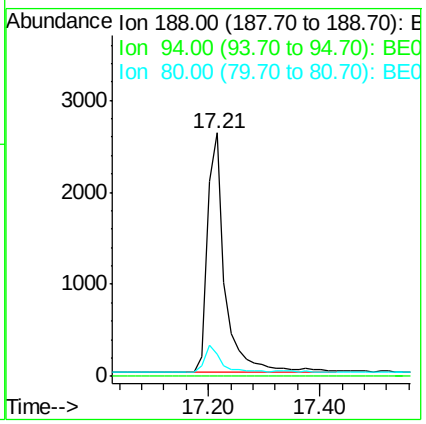


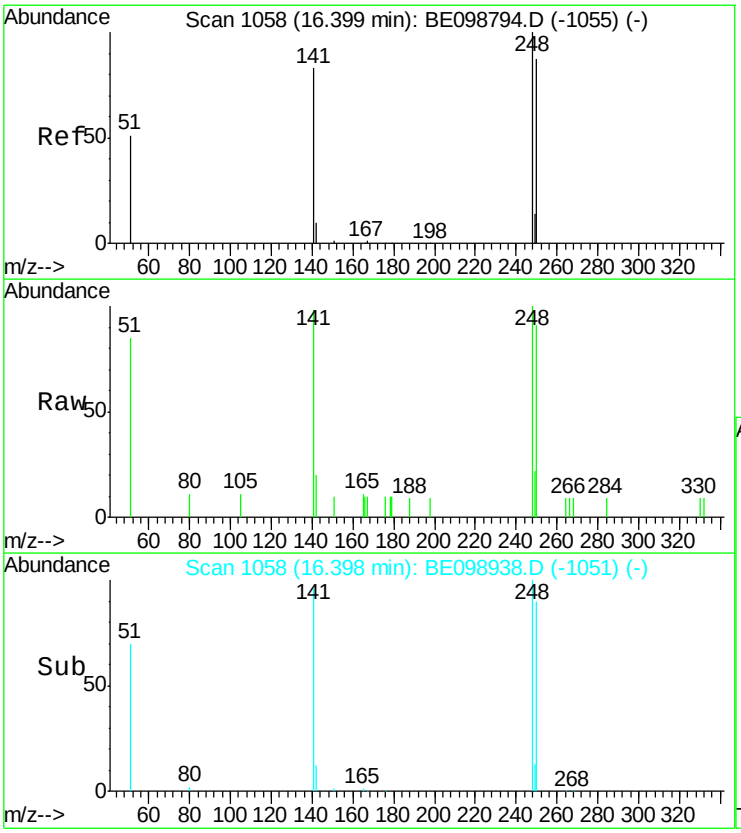
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 5726

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.3	9.5

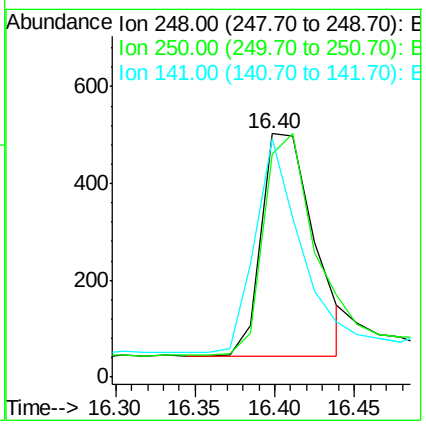


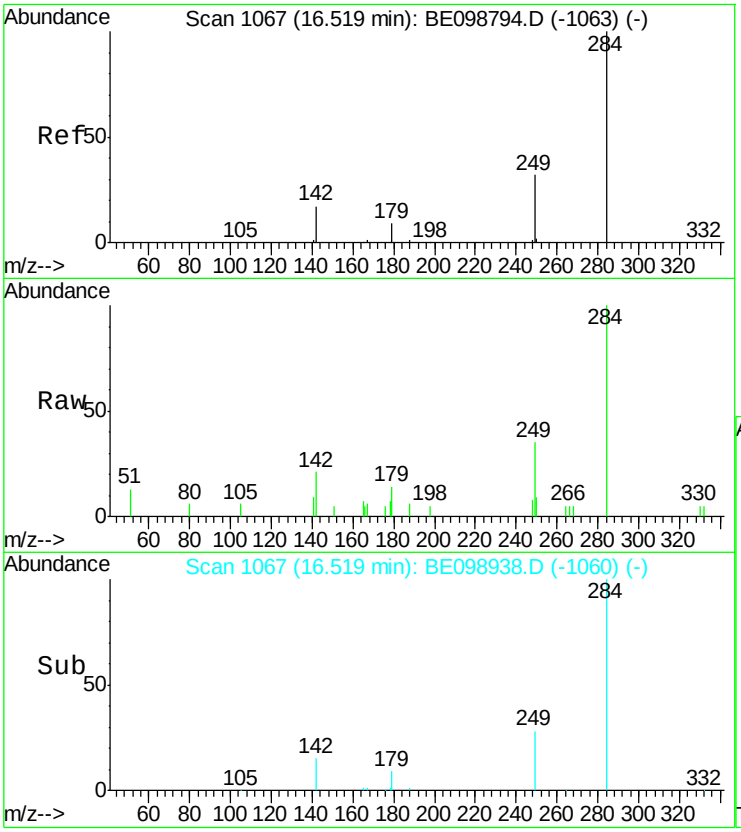


#20
4-Bromophenyl-phenylether
Concen: 0.342 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:248 Resp: 1060

Ion	Ratio	Lower	Upper
248	100		
250	91.5	70.6	105.8
141	98.0	68.6	102.8



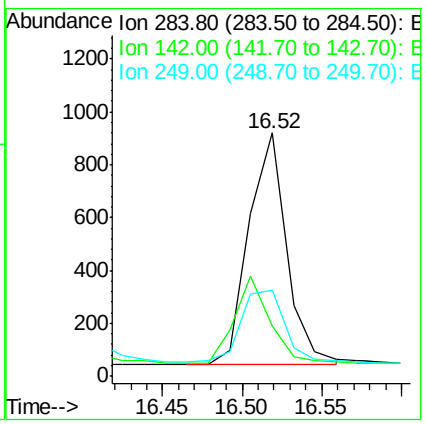


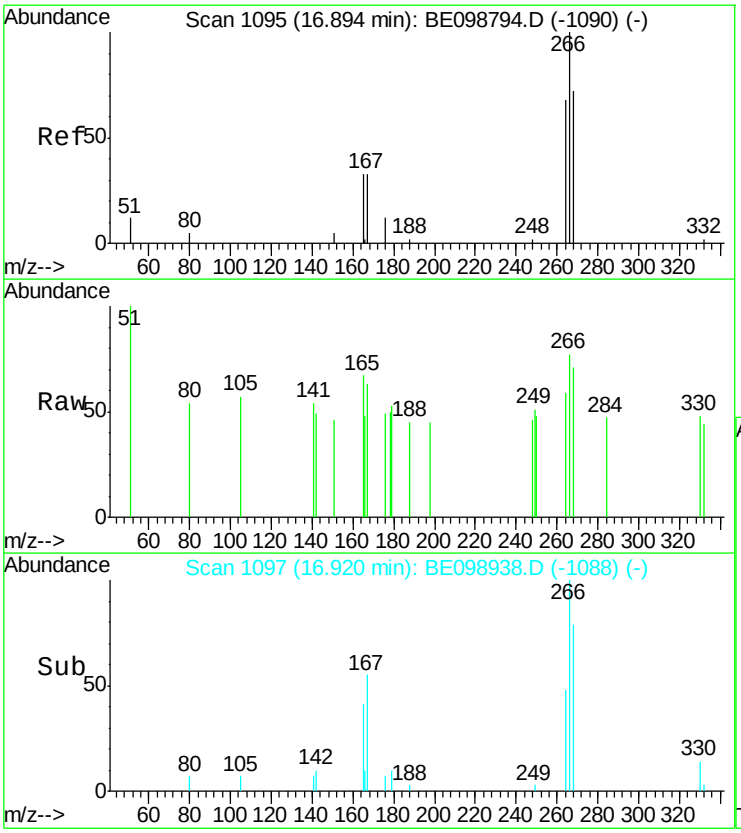
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1429

Ion	Ratio	Lower	Upper
284	100		
142	35.3	28.7	43.1
249	35.0	29.6	44.4

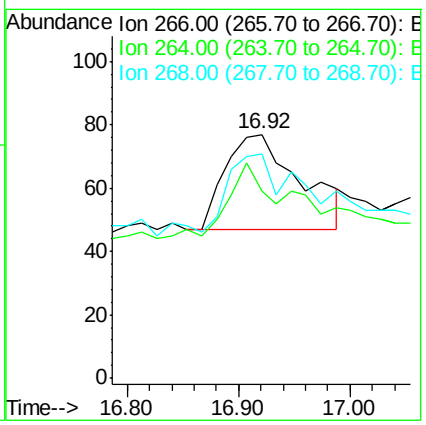


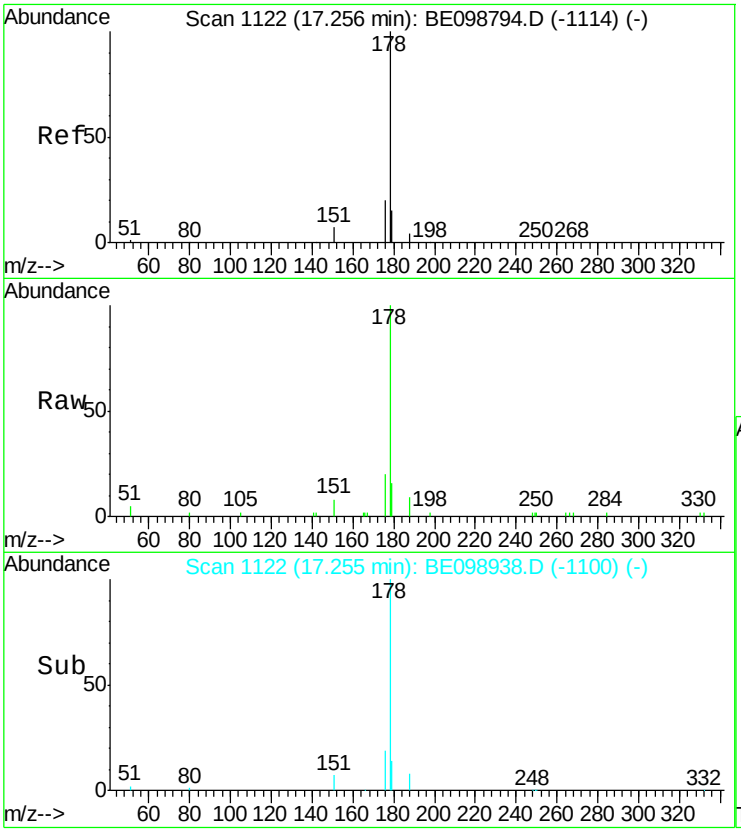


#22
Pentachlorophenol
Concen: 0.377 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.03 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:266 Resp: 141

Ion	Ratio	Lower	Upper
266	100		
264	76.6	66.6	100.0
268	92.2	69.8	104.8



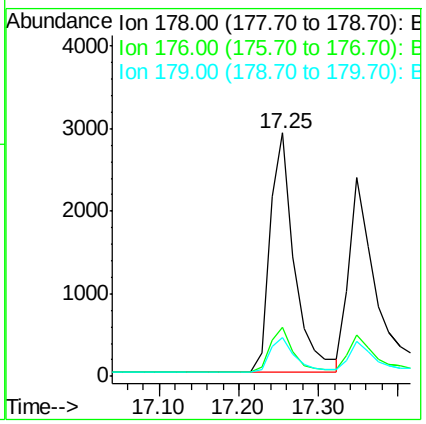


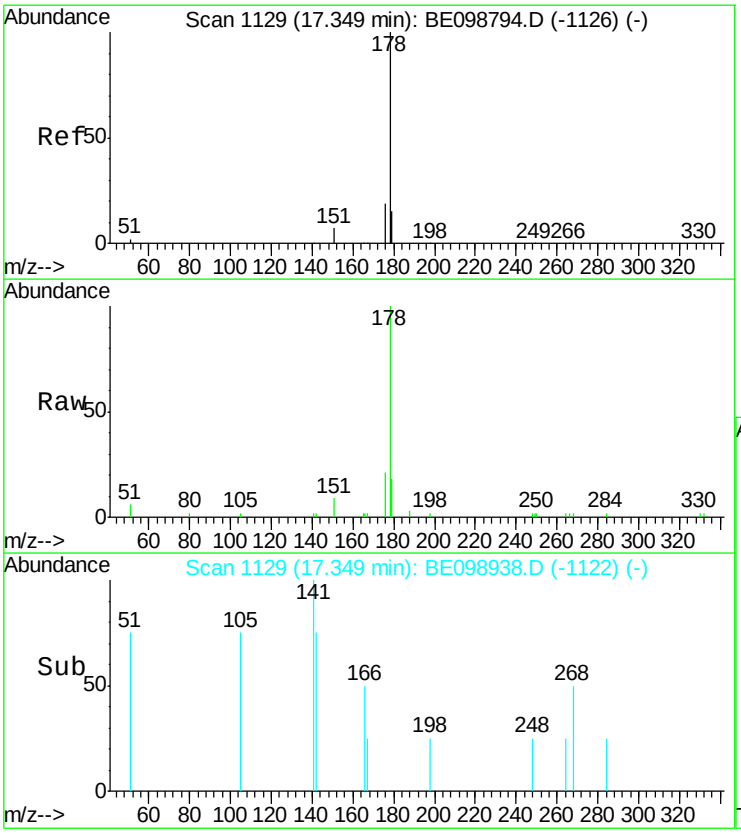
#23
Phenanthrene
Concen: 0.385 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6259

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.0	24.0
179	14.8	12.1	18.1

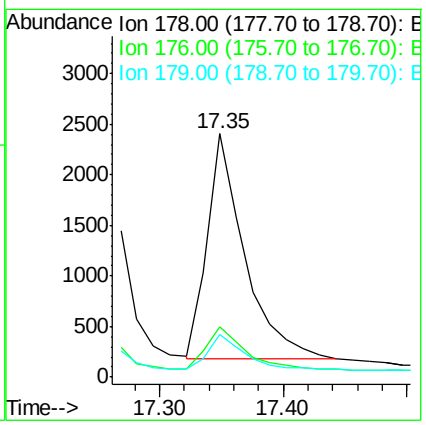


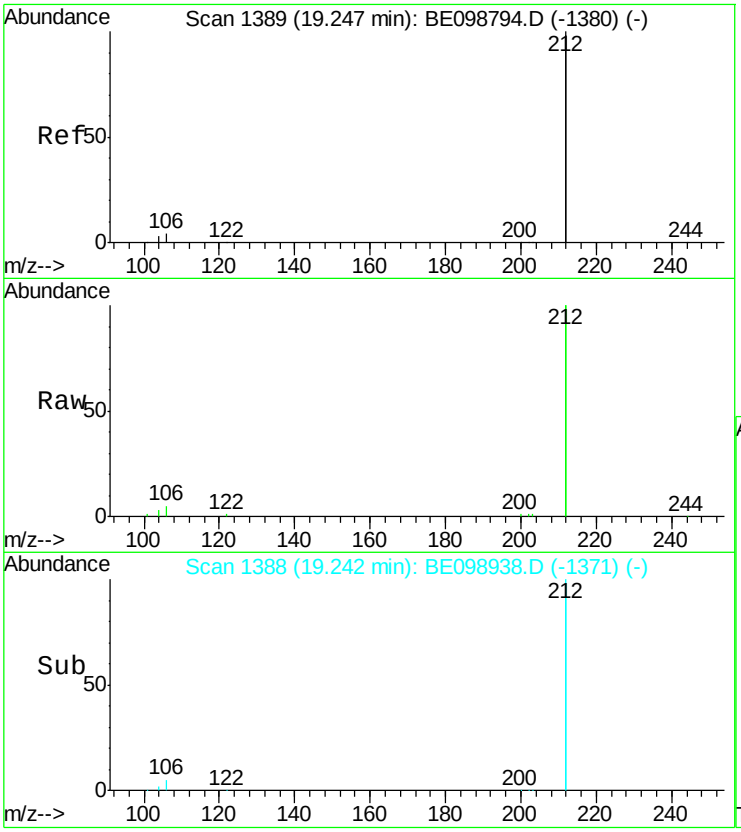


#24
Anthracene
Concen: 0.333 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:178 Resp: 4627

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.0
179	15.4	12.2	18.4



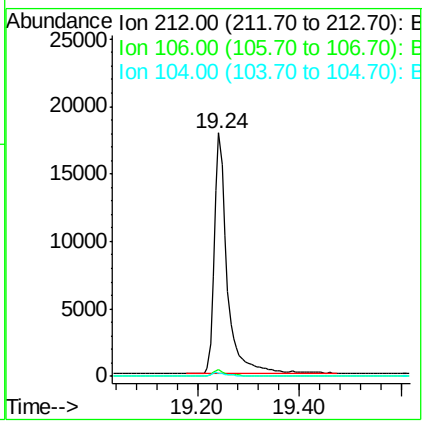


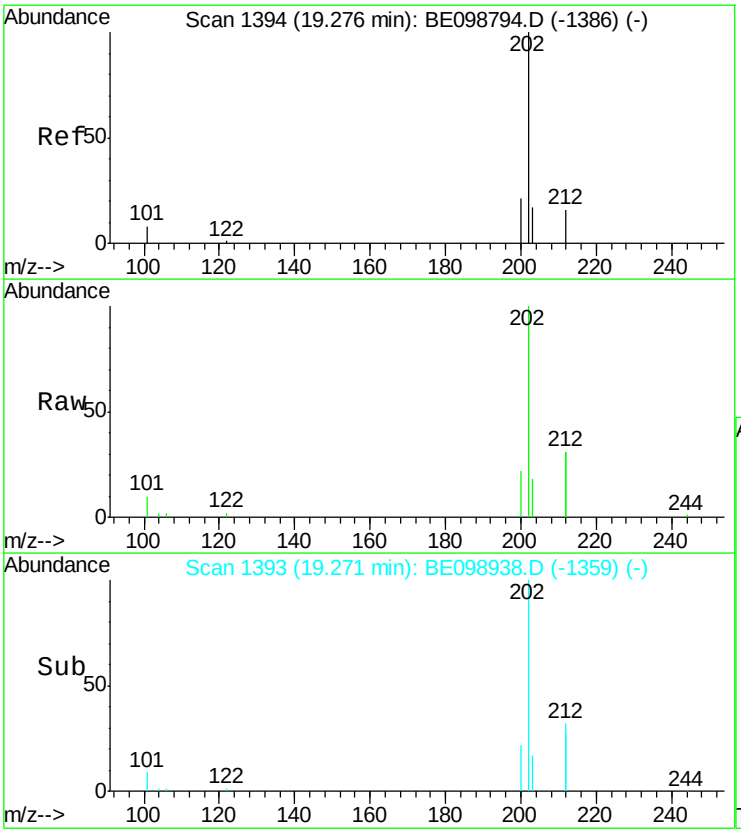
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 32014

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6

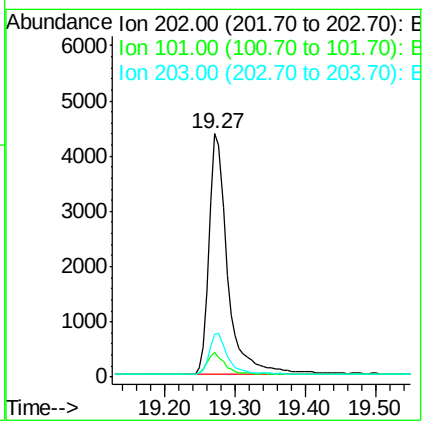


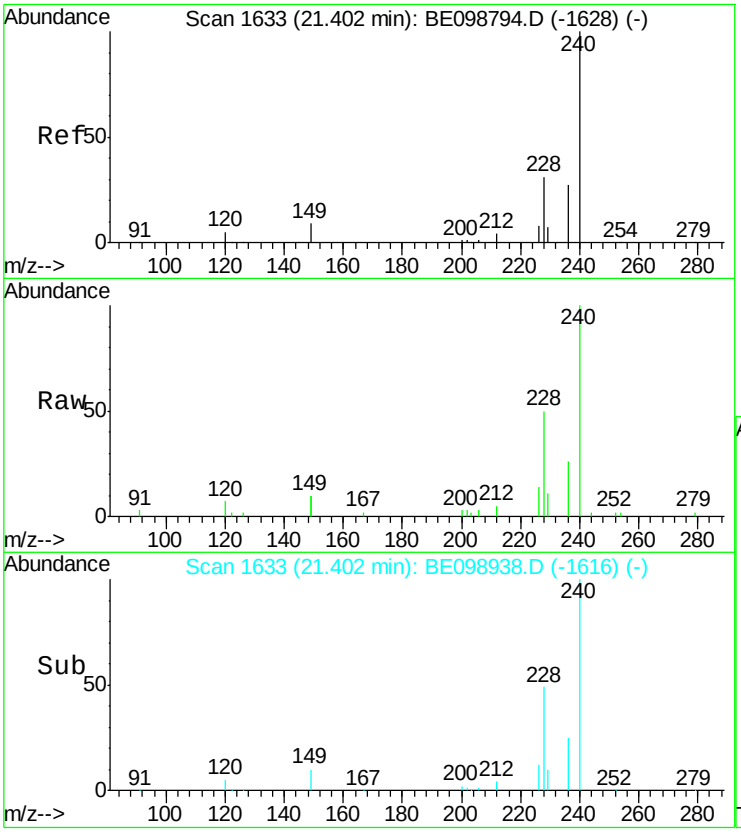


#26
Fluoranthene
Concen: 0.349 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:202 Resp: 8022

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.3	10.9
203	16.7	13.4	20.2



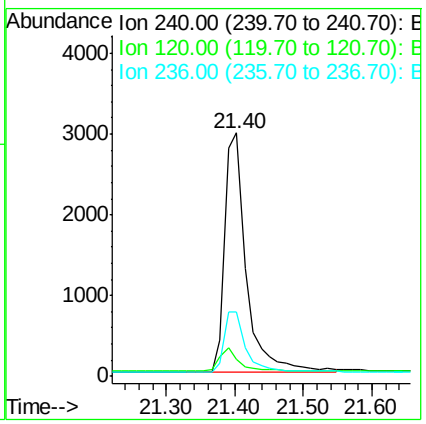


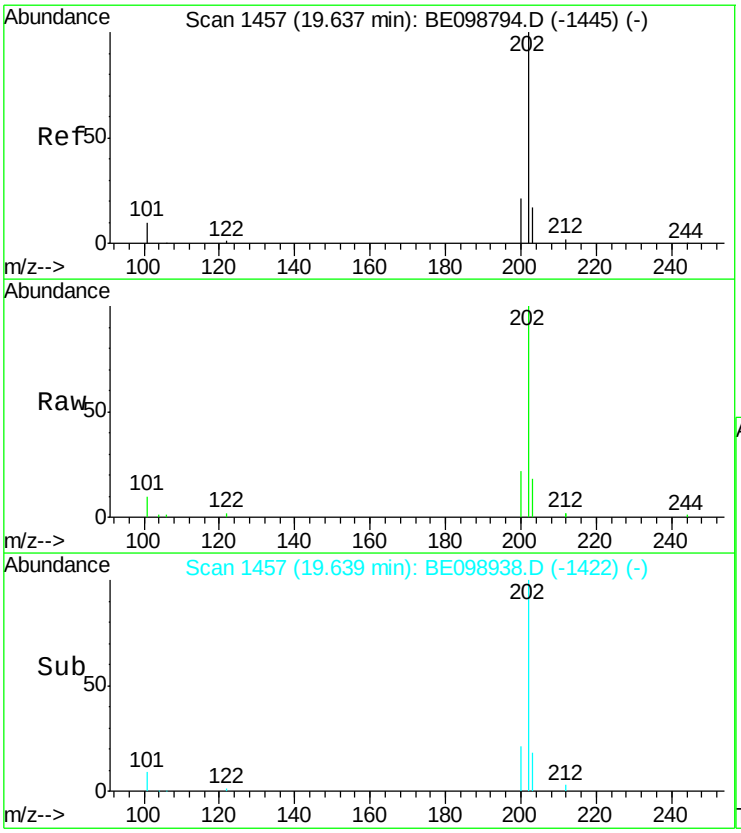
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 6554

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.0	7.4
236	26.4	22.7	34.1

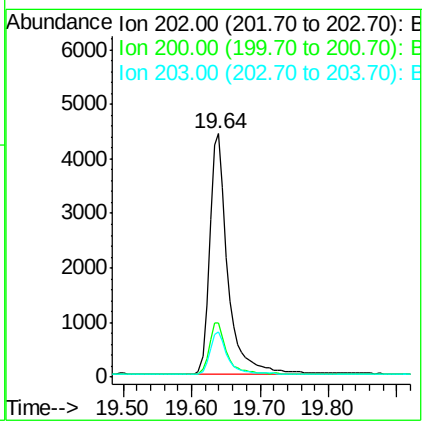


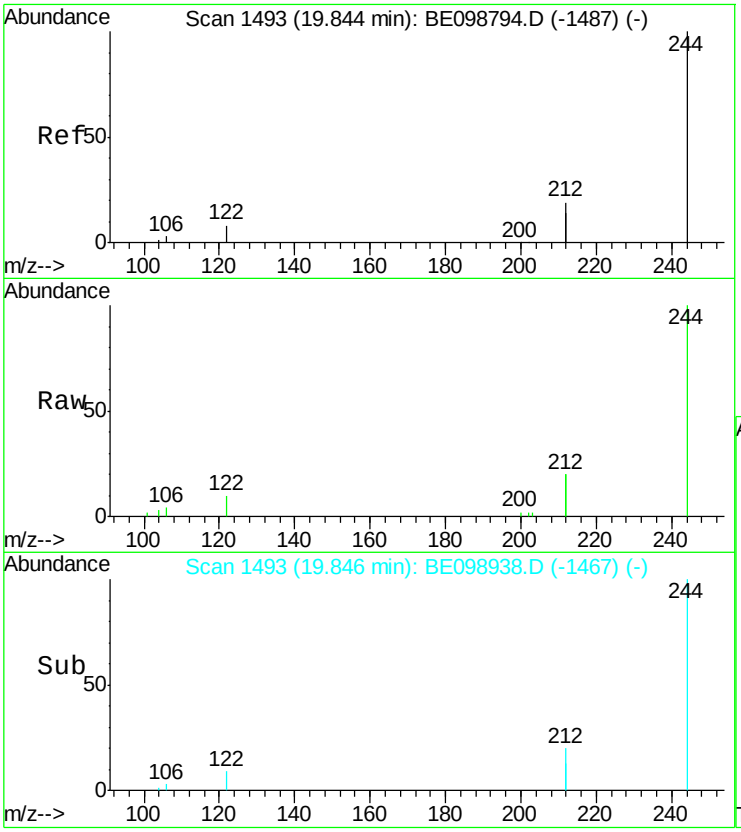


#28
Pyrene
Concen: 0.408 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:202 Resp: 8177

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.2	14.2	21.2



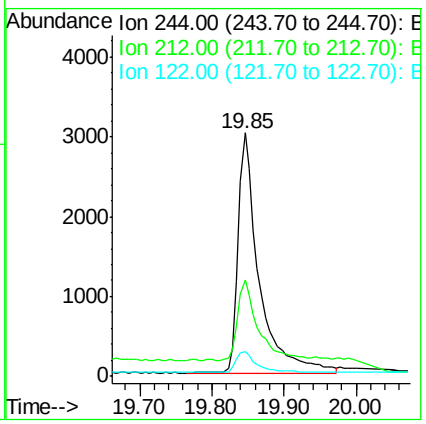


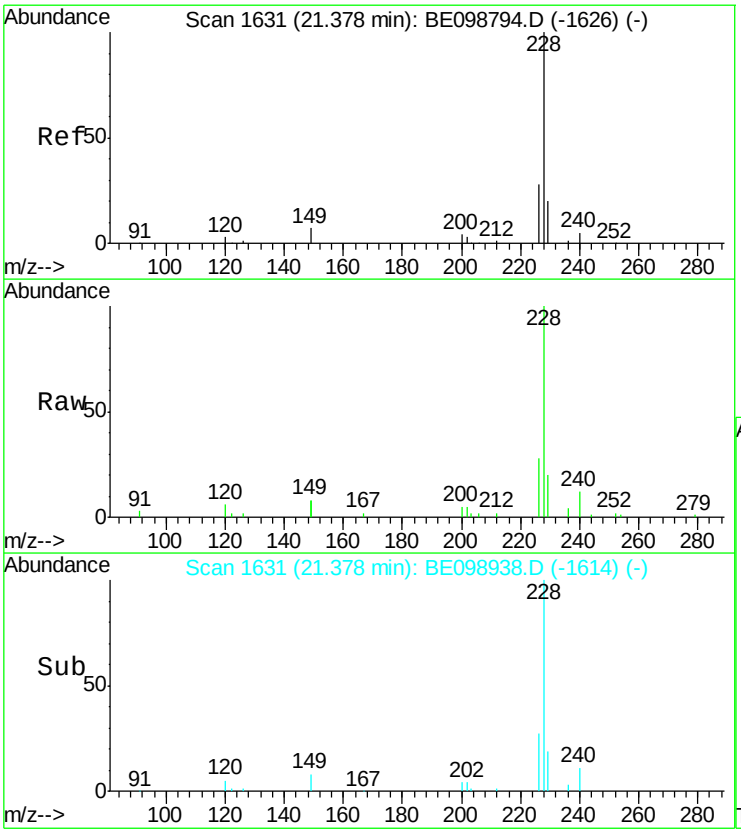
#29
Terphenyl-d14
Concen: 0.376 ng
RT: 19.85 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 5985

Ion	Ratio	Lower	Upper
244	100		
212	39.4	29.4	44.2
122	10.1	7.1	10.7

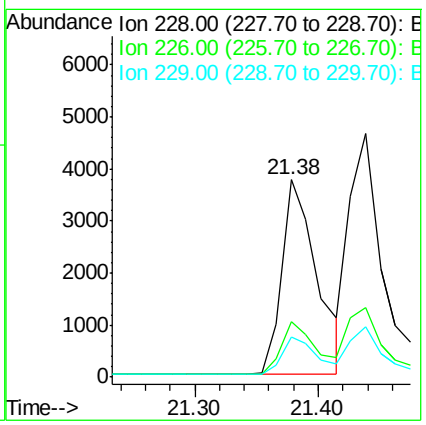


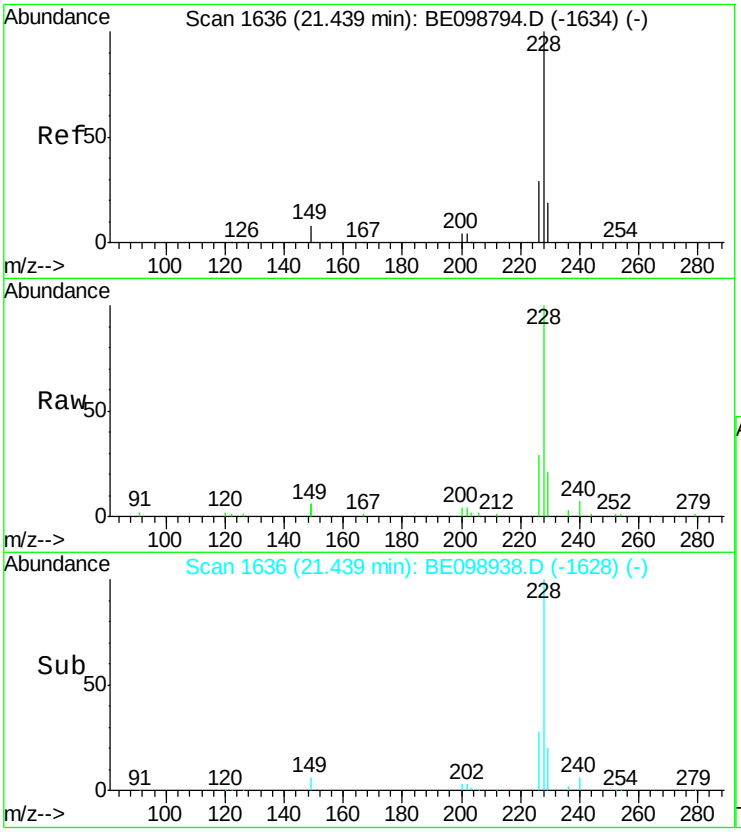


#30
Benzo(a)anthracene
Concen: 0.365 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:228 Resp: 7462

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	20.3	16.5	24.7



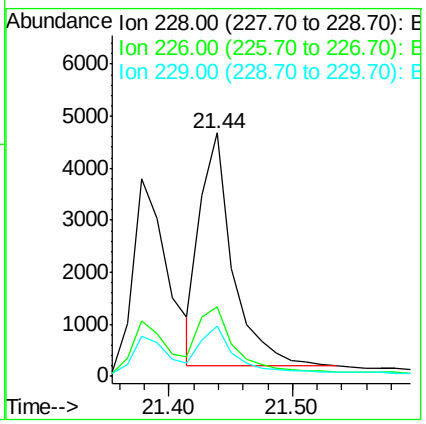


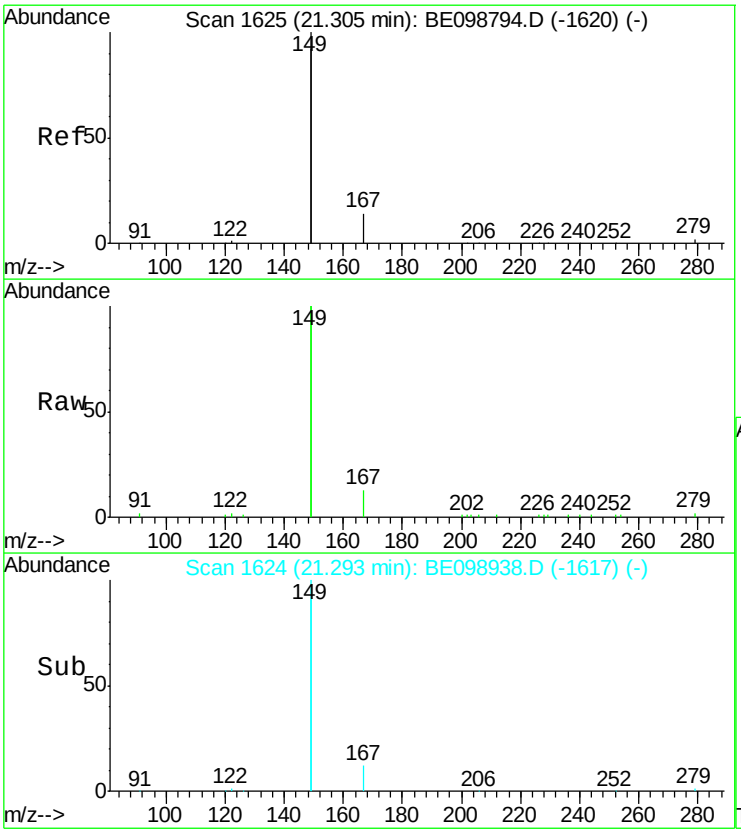
#31
Chrysene
Concen: 0.377 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 8252

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.7	35.5
229	20.5	16.1	24.1

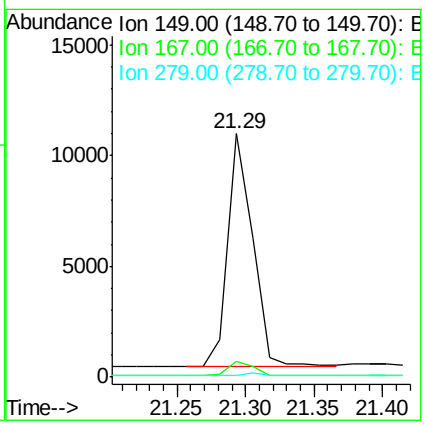


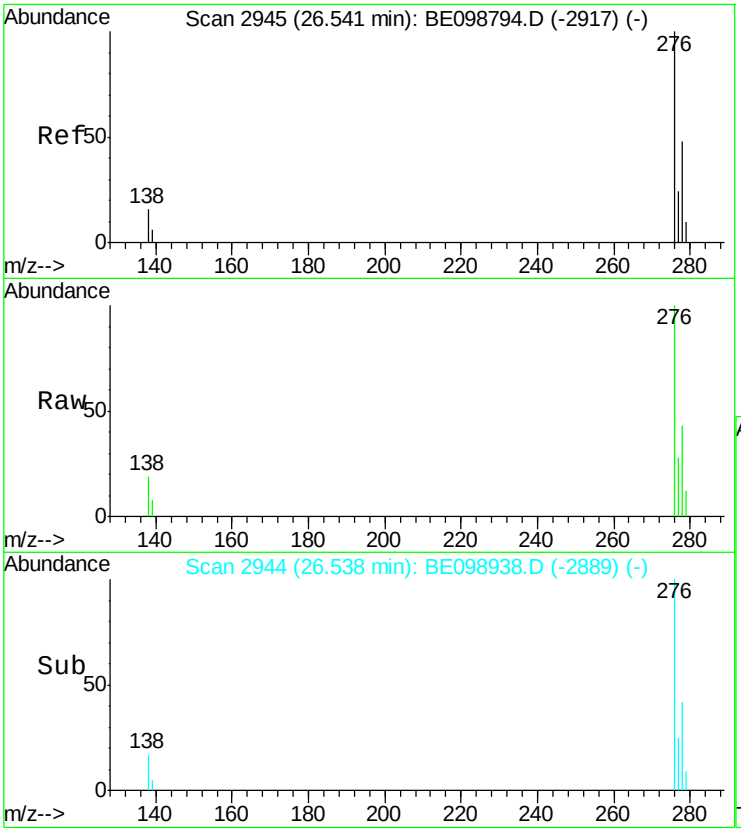


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.309 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:149 Resp: 13436

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.1	1.0	1.4



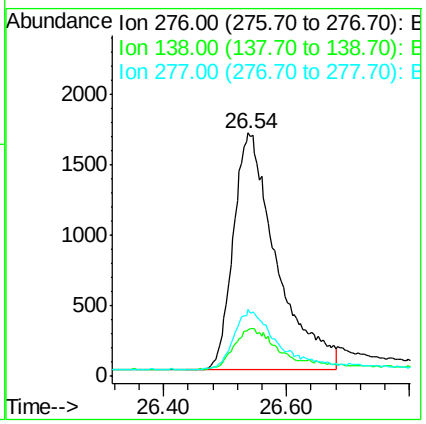


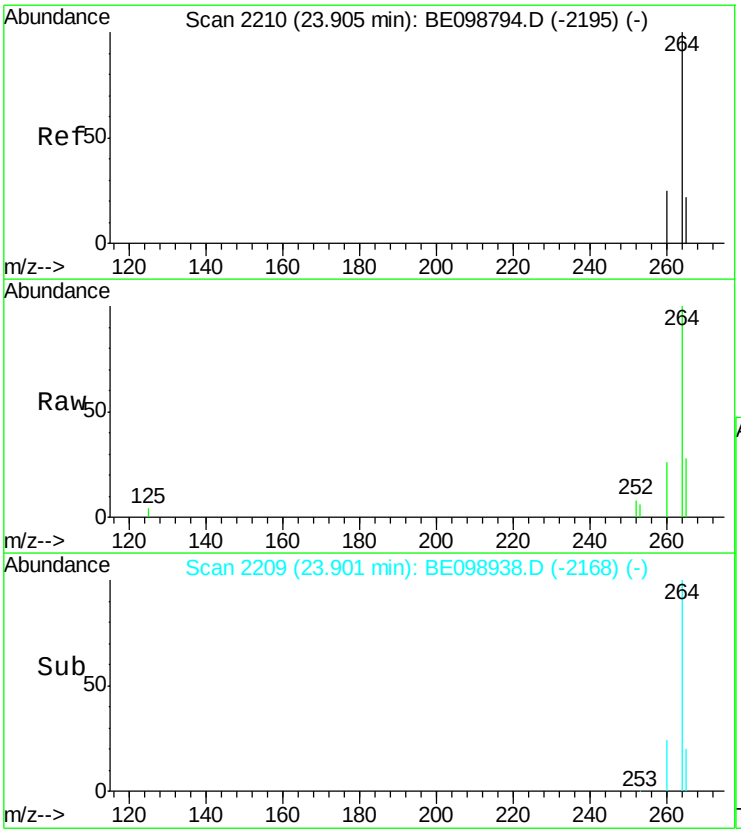
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8203

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.8	20.8
277	25.5	19.5	29.3

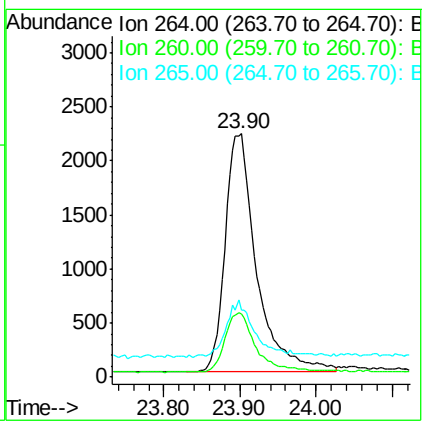


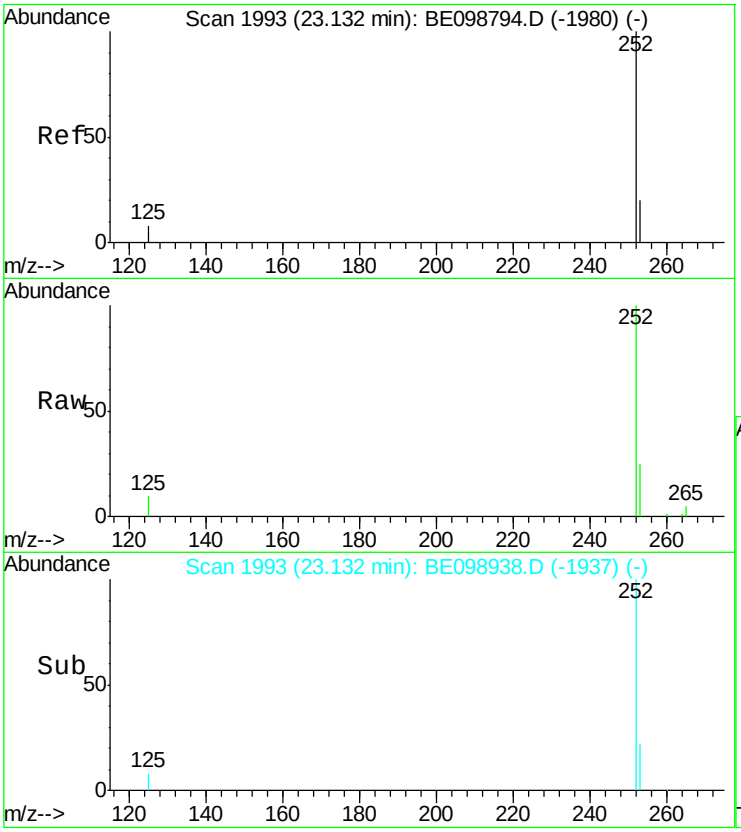


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:264 Resp: 6324

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.2	31.8
265	27.6	24.6	36.8



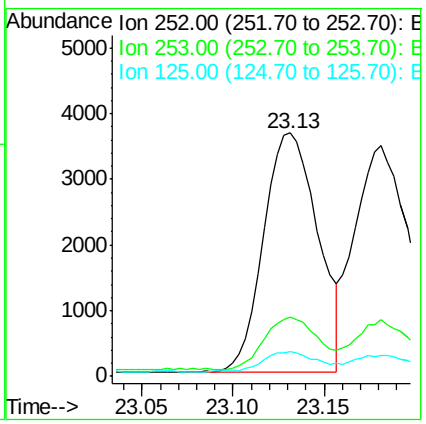


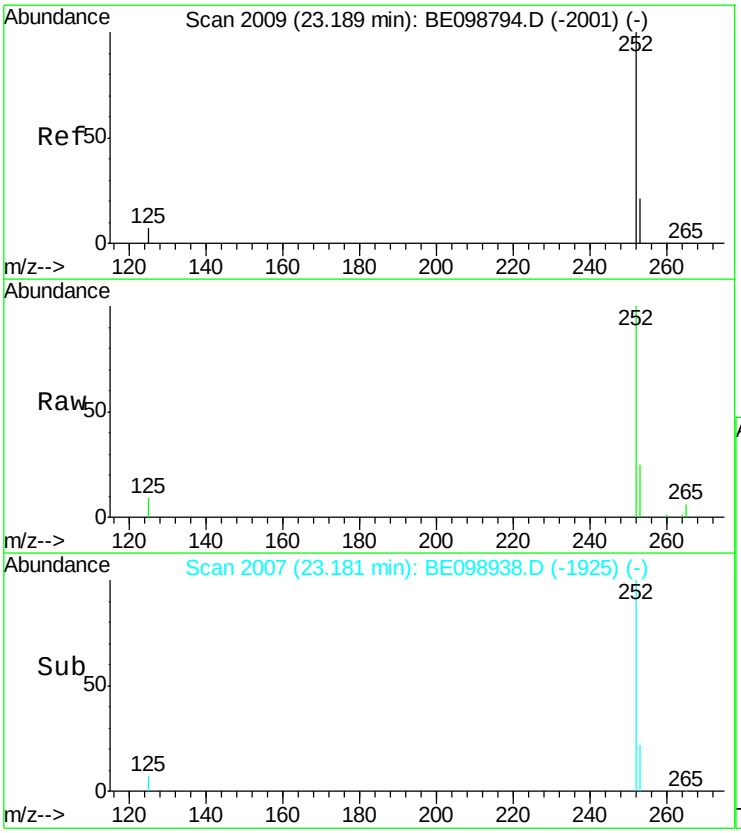
#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 23.13 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7511

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	10.0	7.3	10.9

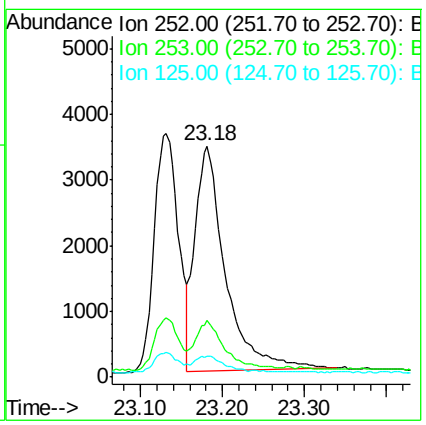


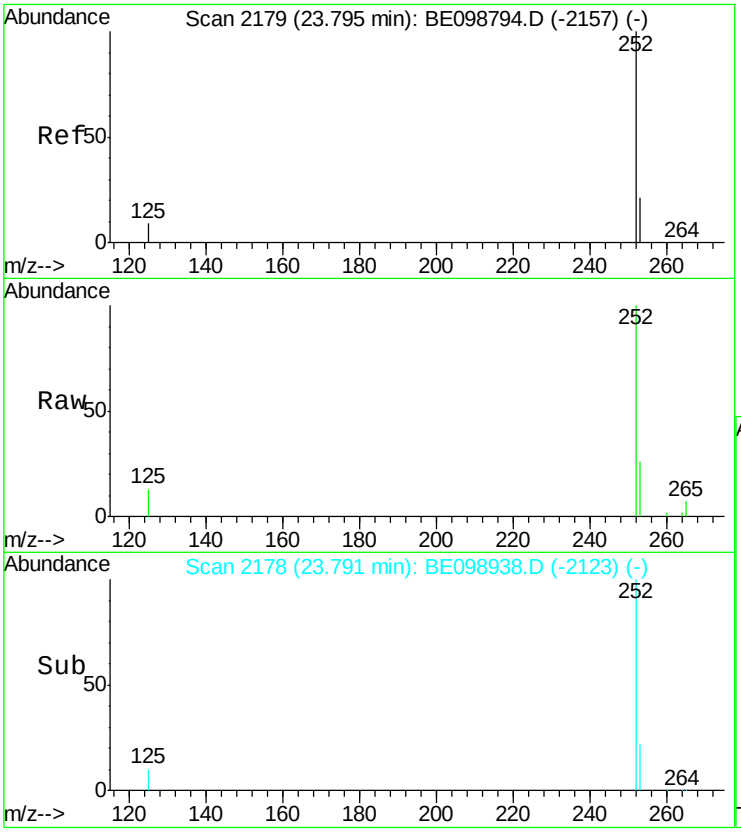


#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:252 Resp: 8739

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.3	28.9
125	9.1	7.5	11.3



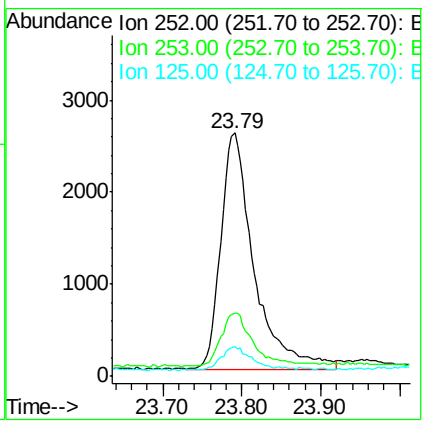


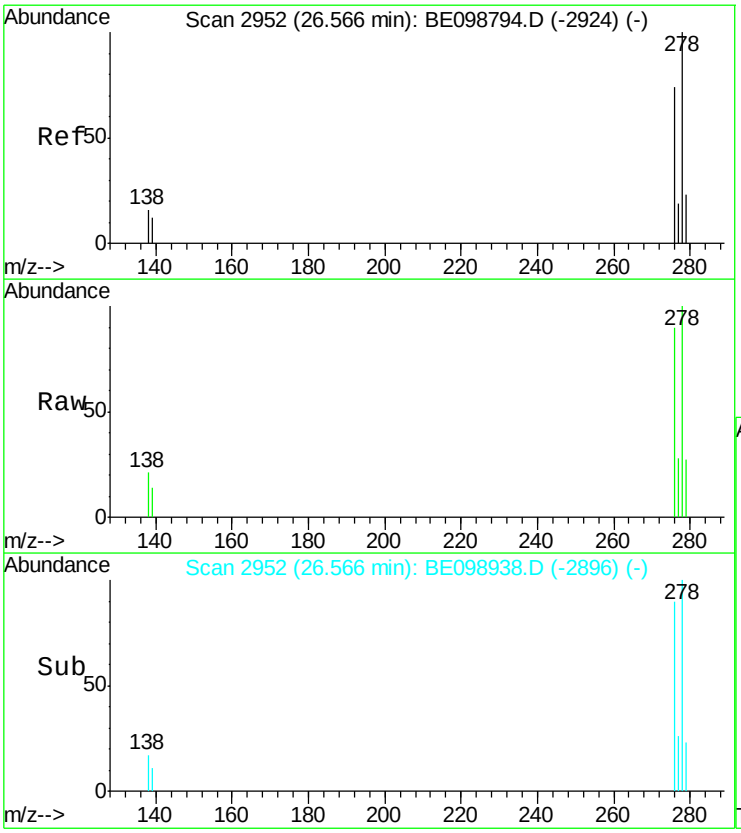
#37
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7501

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.9	29.9
125	12.5	9.0	13.4

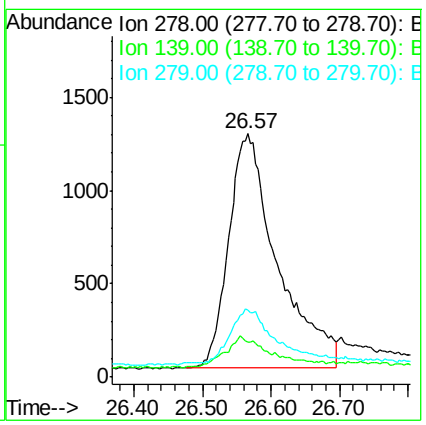


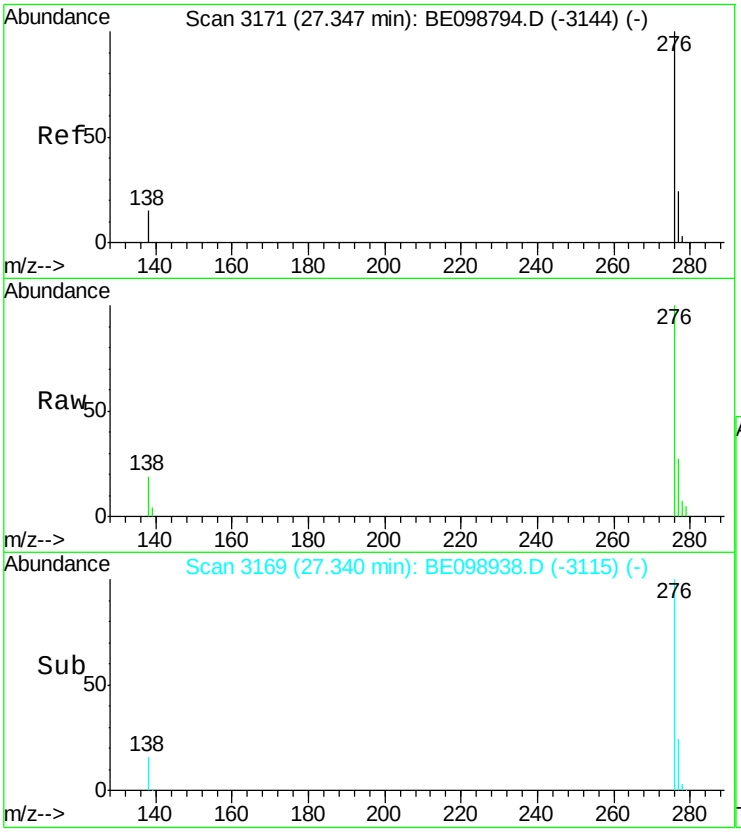


#38
Dibenzo(a,h)anthracene
Concen: 0.327 ng
RT: 26.57 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Tgt Ion:278 Resp: 6177

Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.8	17.6
279	27.3	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.159 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BE098938.D
Acq: 14 Mar 2019 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 3141

Ion	Ratio	Lower	Upper
276	100		
277	26.7	20.4	30.6
138	18.7	13.6	20.4