Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098909.D
Acq On : 13 Mar 2019 13:28
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 14 06:55:00 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	7.79	152	730	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3247	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2166	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	5413	0.40	ng		0.00
27) Chrysene-d12	21.39	240	6609	0.40	ng		-0.01
34) Perylene-d12	23.89	264	6546	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	648	0.30	ng		0.01
5) Phenol-d6	7.00	99	1142	0.37	ng		0.01
8) Nitrobenzene-d5	8.98	82	1112	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.19	152	2248	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	329	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	3361	0.37	ng		0.00
25) Fluoranthene-d10	19.24	212	30217	0.35	ng		0.00
29) Terphenyl-d14	19.85	244	5805	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	583	0.414	ng		96
3) n-Nitrosodimethylamine	3.66	42	358	0.195	ng	#	87
6) bis(2-Chloroethyl)ether	7.23	93	691	0.290	ng		92
9) Naphthalene	10.64	128	14415	0.388	ng		99
10) Hexachlorobutadiene	10.91	225	974	0.396	ng		97
12) 2-Methylnaphthalene	12.27	142	2184	0.362	ng		97
16) Acenaphthylene	14.18	152	4176	0.375	ng		98
17) Acenaphthene	14.51	154	2509	0.380	ng		98
18) Fluorene	15.50	166	3505	0.368	ng		98
20) 4-Bromophenyl-phenylether	16.40	248	1007	0.343	ng		94
21) Hexachlorobenzene	16.52	284	1362	0.390	ng		97
22) Pentachlorophenol	16.91	266	165	0.403	ng		92
23) Phenanthrene	17.25	178	5661	0.368	ng		99
24) Anthracene	17.35	178	4282	0.326	ng		98
26) Fluoranthene	19.27	202	7537	0.347	ng		100
28) Pyrene	19.64	202	7770	0.384	ng		100
30) Benzo(a)anthracene	21.38	228	6738	0.327	ng		98
31) Chrysene	21.43	228	8669	0.393	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	12528	0.285	ng		100
33) Indeno(1,2,3-cd)pyrene	26.53	276	8798	0.378	ng		98
35) Benzo(b)fluoranthene	23.18	252	8277	0.385	ng		98
36) Benzo(k)fluoranthene	23.18	252	8277	0.367	ng		99
37) Benzo(a)pyrene	23.78	252	7663	0.371	ng	#	96
38) Dibenzo(a,h)anthracene	26.56	278	6773	0.347	ng		98

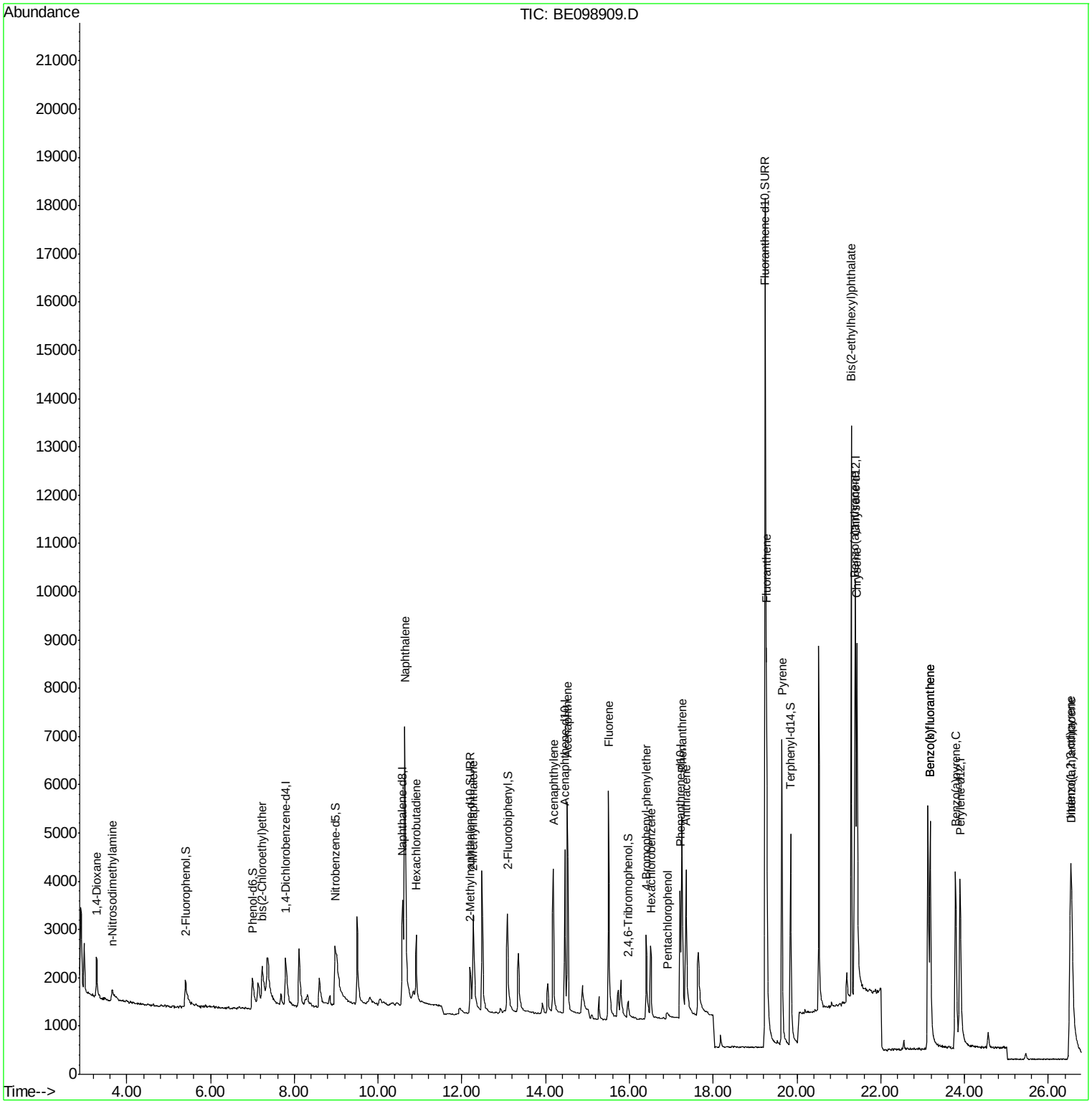
(#) = qualifier out of range (m) = manual integration (+) = signals summed

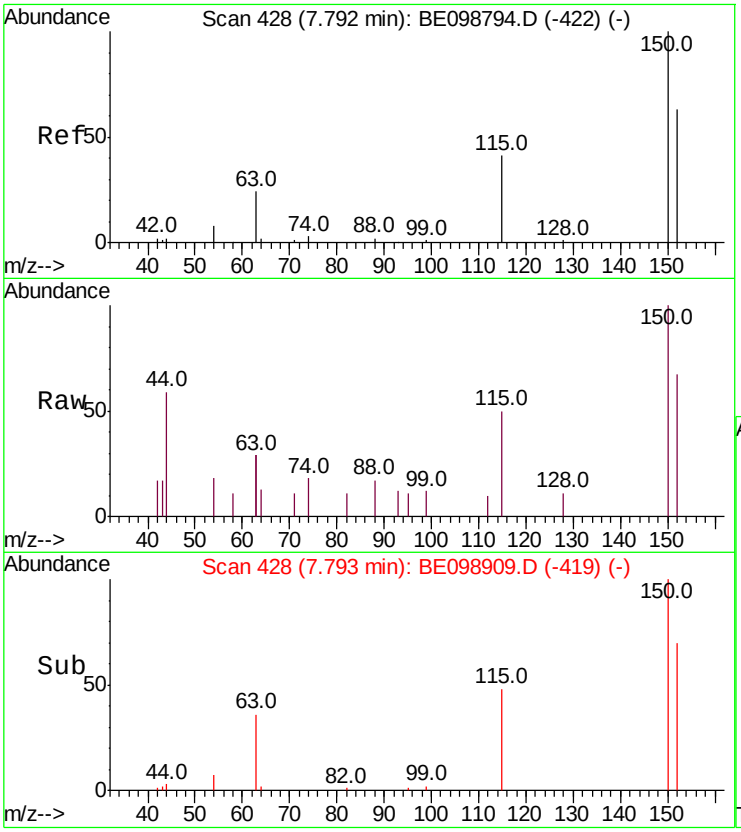
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098909.D
Acq On : 13 Mar 2019 13:28
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 14 06:55:00 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



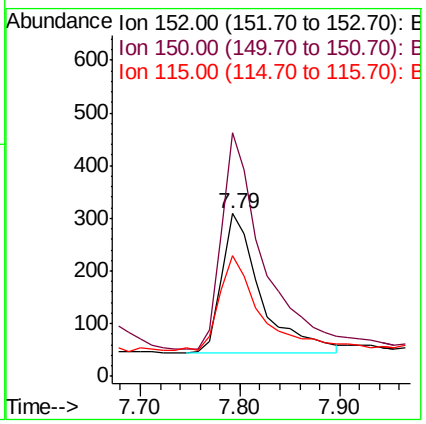


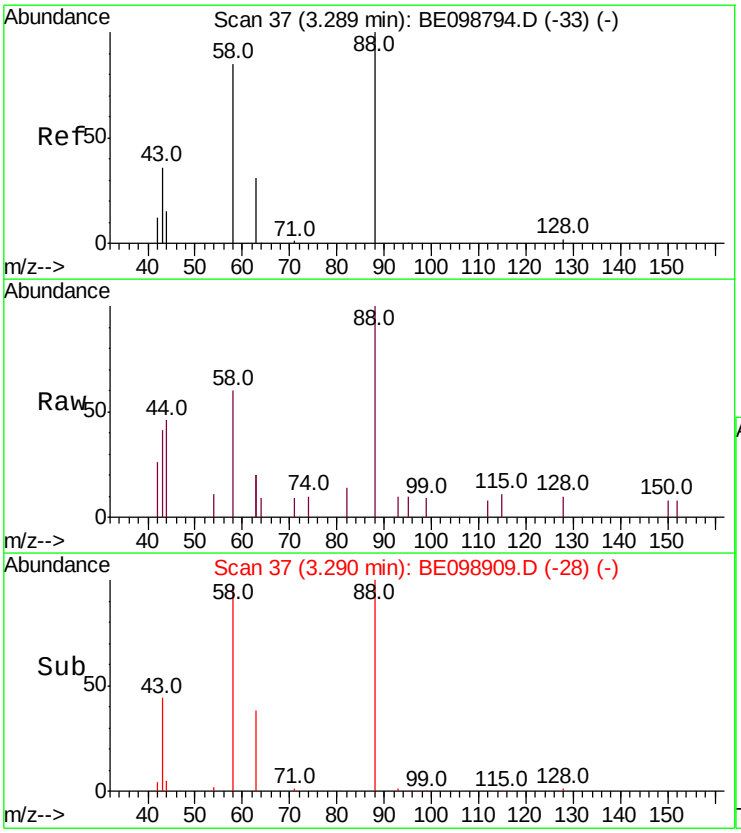
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 730

Ion	Ratio	Lower	Upper
152	100		
150	149.5	122.5	183.7
115	74.4	57.4	86.2

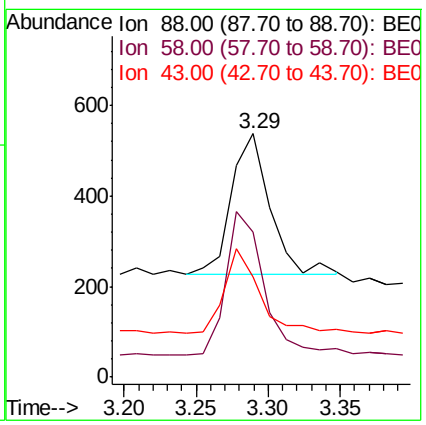


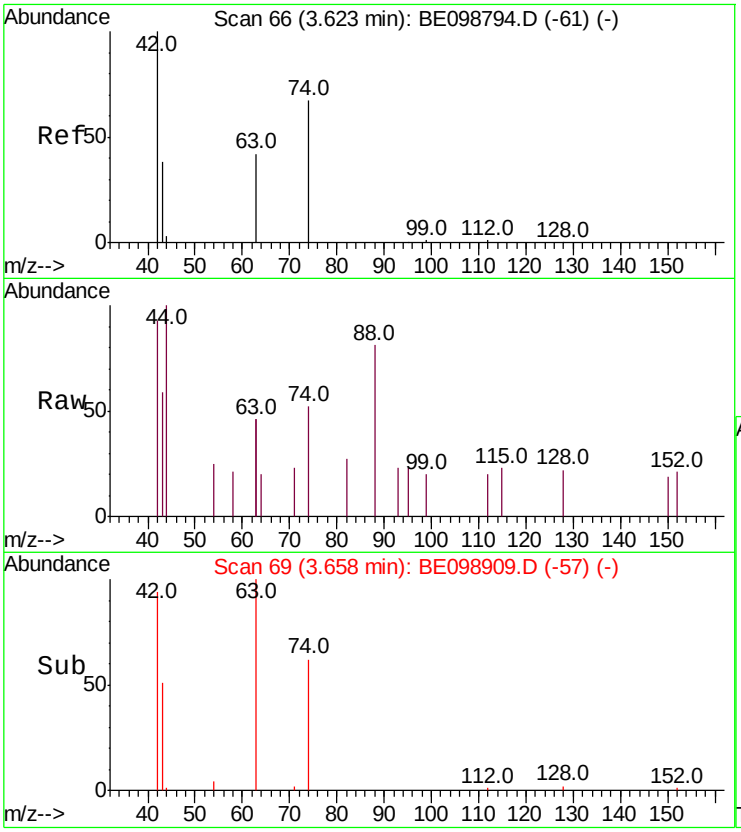


#2
1,4-Dioxane
Concen: 0.414 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion: 88 Resp: 583

Ion	Ratio	Lower	Upper
88	100		
58	99.5	75.8	113.6
43	53.7	41.8	62.8



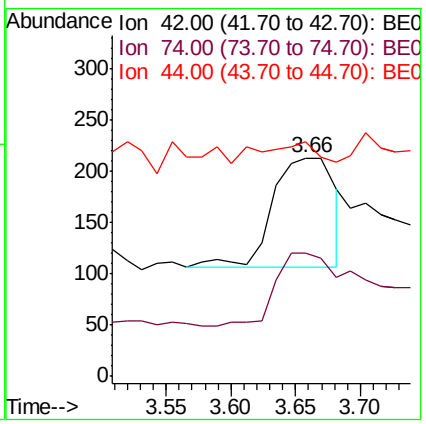


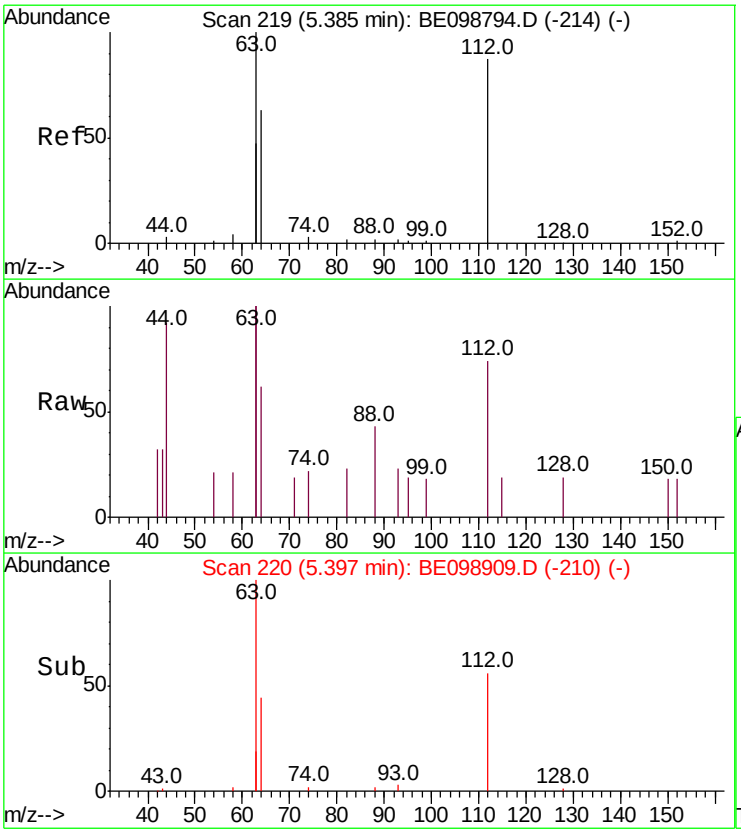
#3
n-Nitrosodimethylamine
Concen: 0.195 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.04 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 358

Ion	Ratio	Lower	Upper
42	100		
74	60.3	57.0	85.4
44	20.7	0.0	0.0#

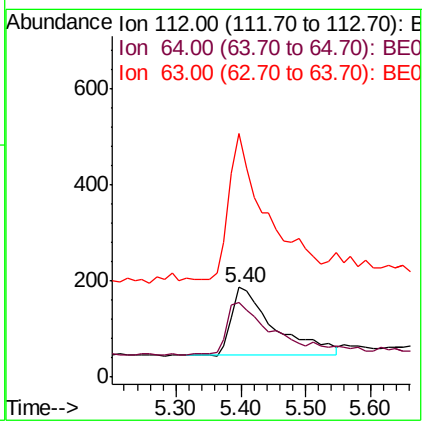


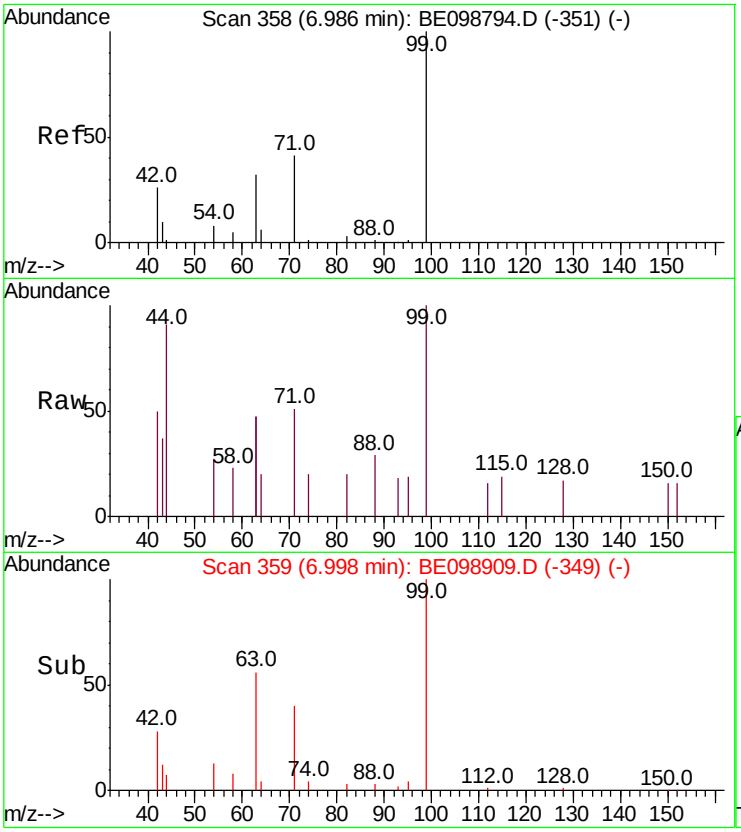


#4
2-Fluorophenol
Concen: 0.297 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:112 Resp: 648

Ion	Ratio	Lower	Upper
112	100		
64	75.6	57.9	86.9
63	191.7	158.3	237.5



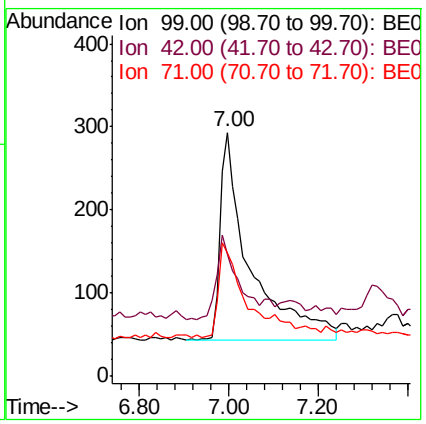


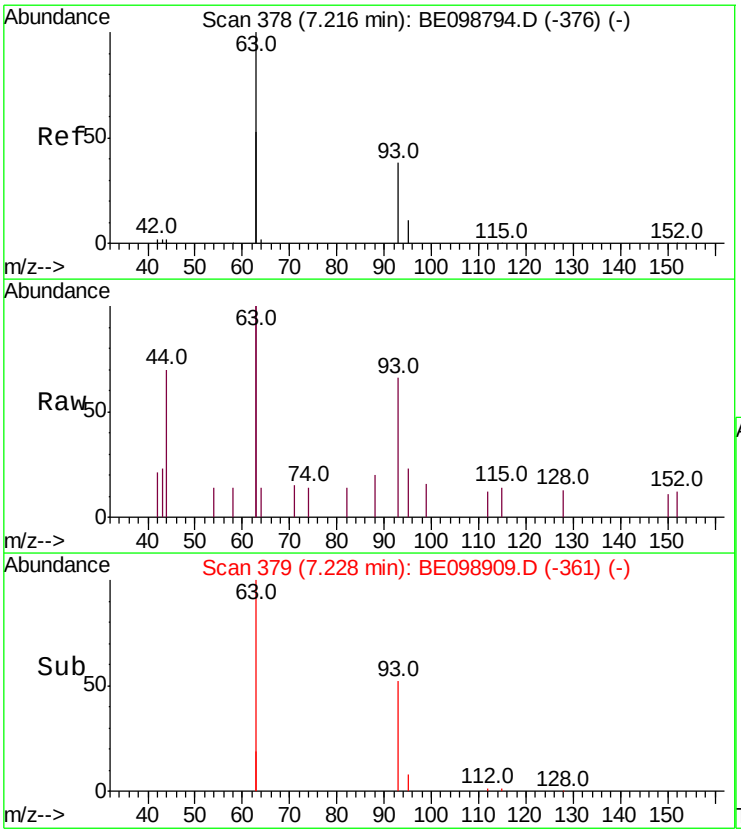
#5
Phenol-d6
Concen: 0.370 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1142

Ion	Ratio	Lower	Upper
99	100		
42	28.9	24.2	36.2
71	45.1	35.7	53.5

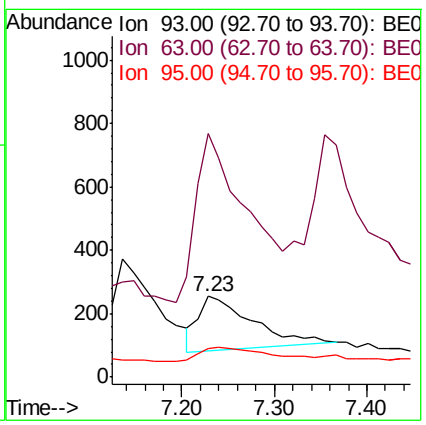


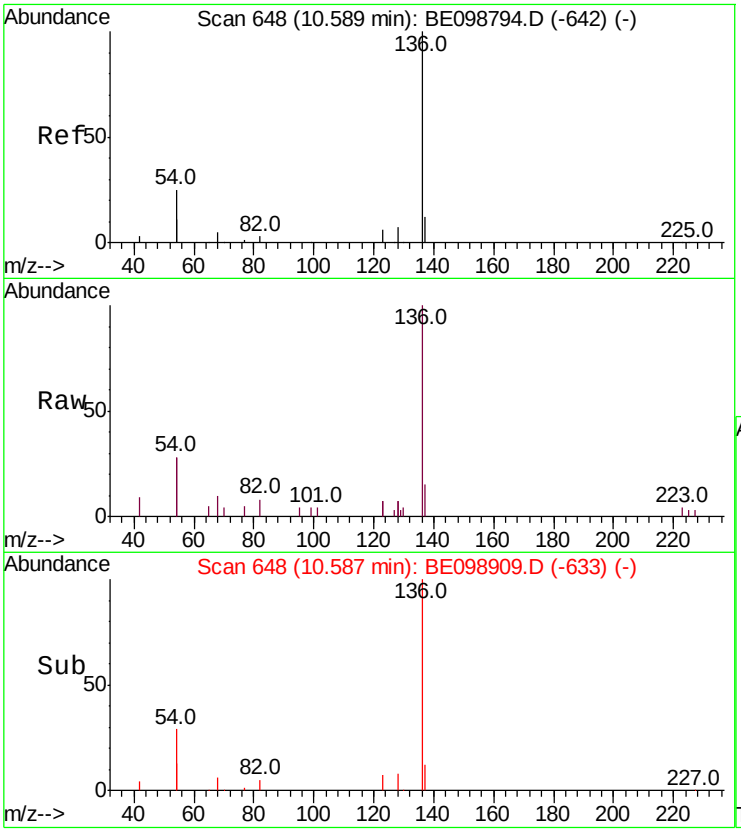


#6
bis(2-Chloroethyl)ether
Concen: 0.290 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion: 93 Resp: 691

Ion	Ratio	Lower	Upper
93	100		
63	293.3	247.5	371.3
95	32.6	21.8	32.8



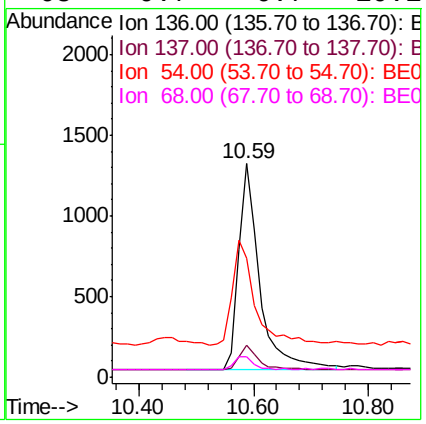


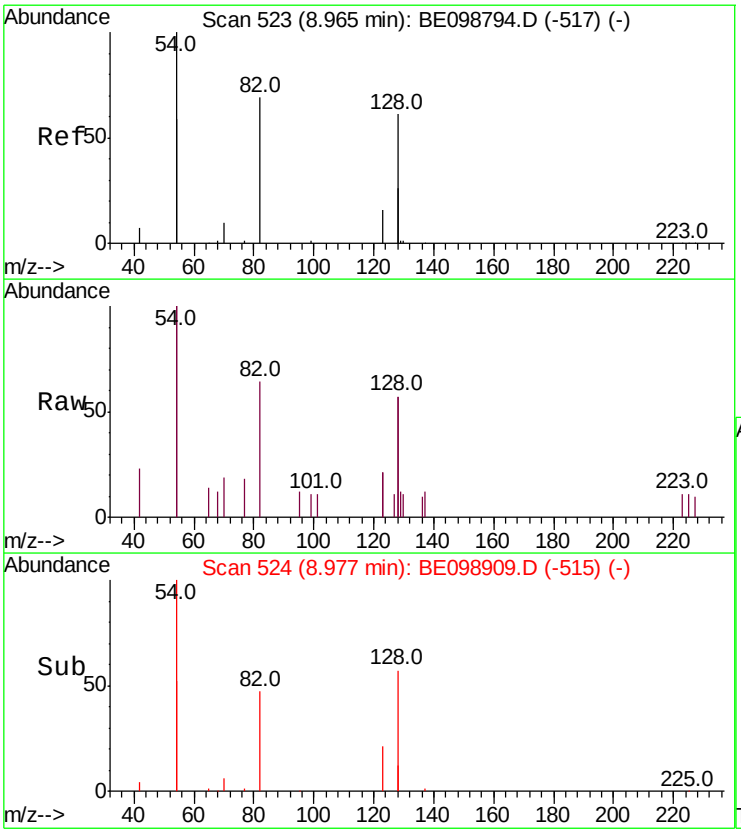
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3247

Ion	Ratio	Lower	Upper
136	100		
137	15.0	11.4	17.0
54	55.9	39.3	58.9
68	9.7	6.7	10.1

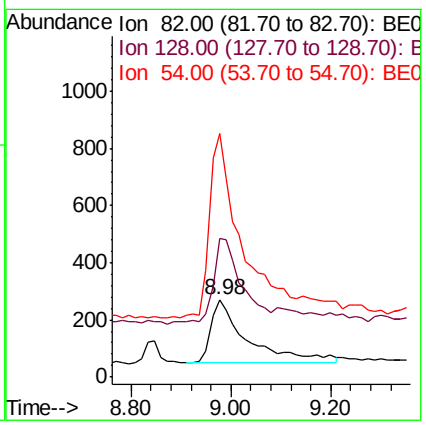


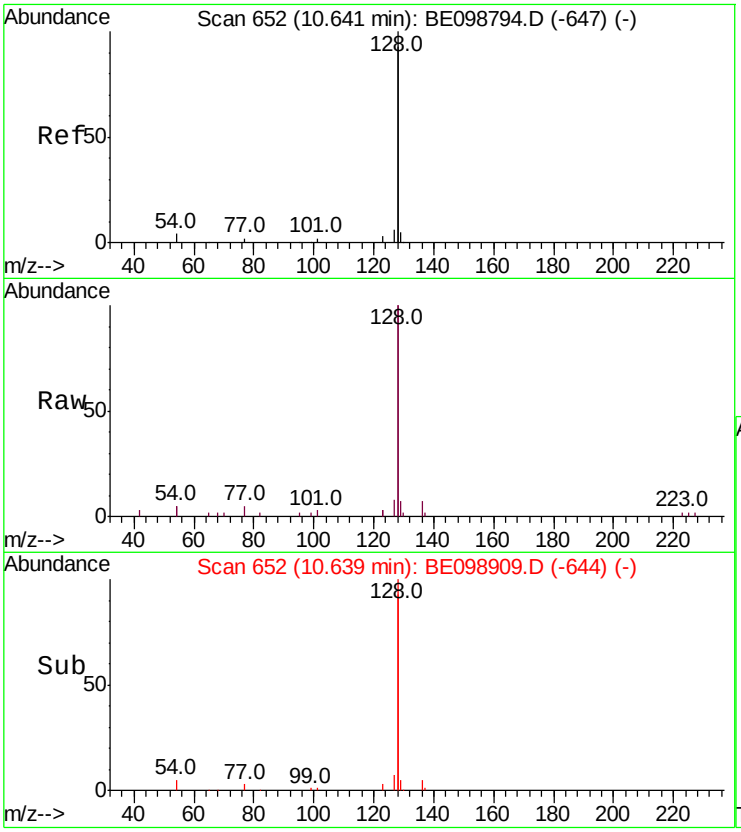


#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion: 82 Resp: 1112

Ion	Ratio	Lower	Upper
82	100		
128	179.3	123.8	185.8
54	314.4	203.4	305.2#



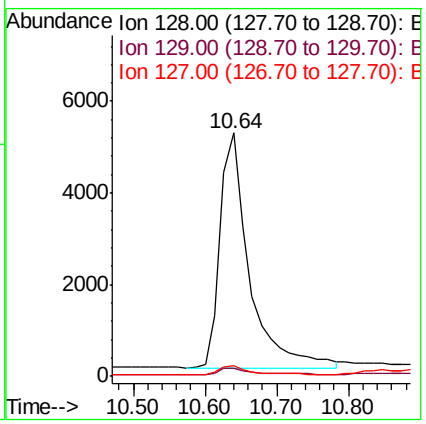


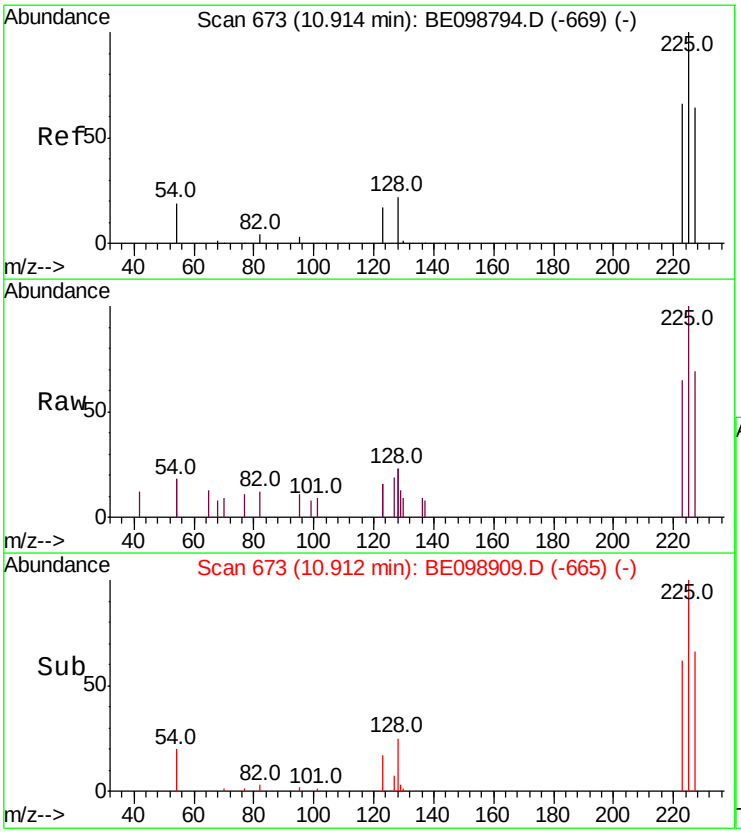
#9
Naphthalene
Concen: 0.388 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 14415

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.6	4.0
127	4.2	3.1	4.7

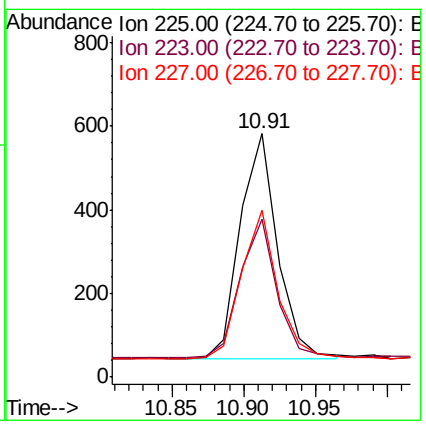


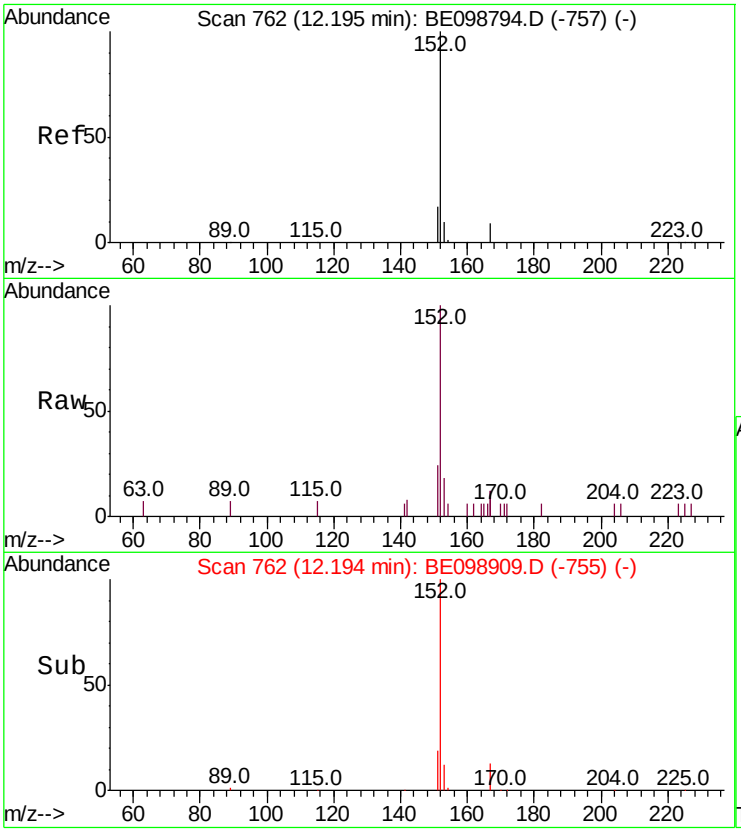


#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:225 Resp: 974

Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.1	76.7
227	63.8	51.6	77.4



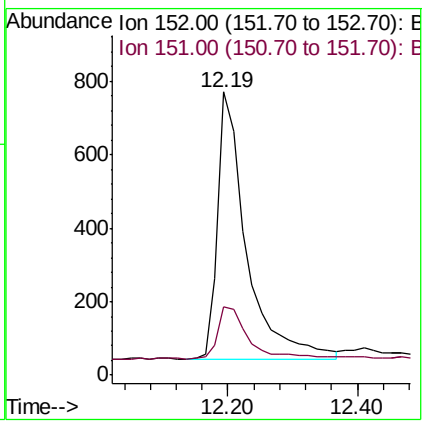


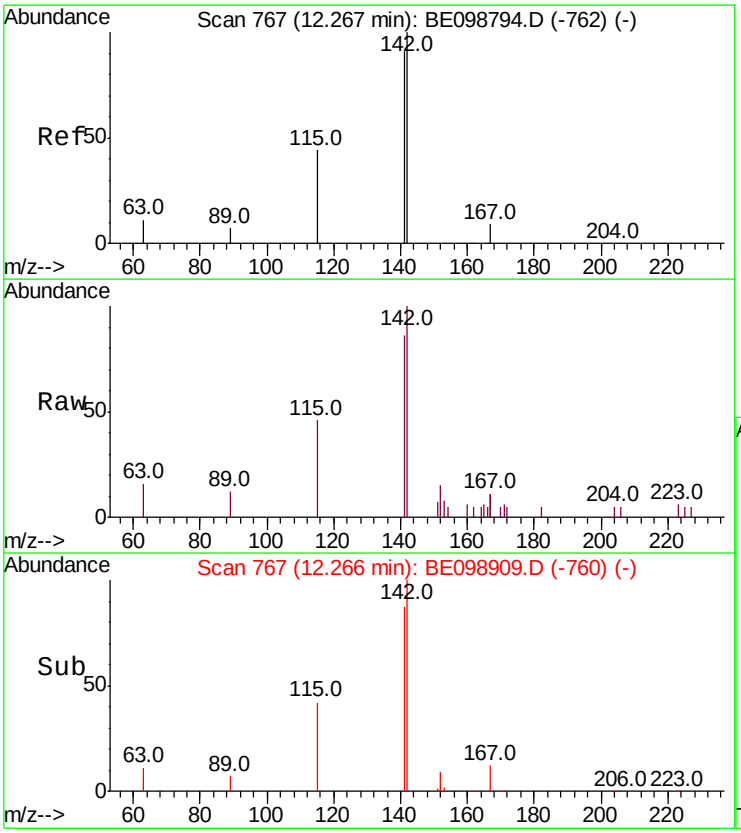
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2248

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7

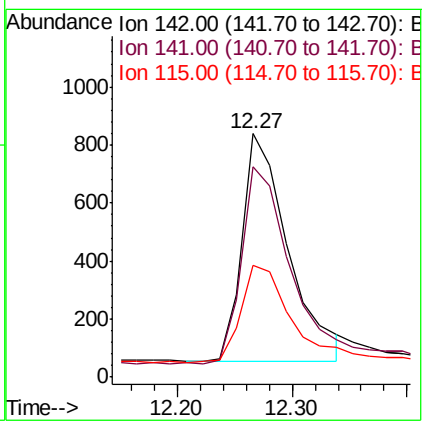


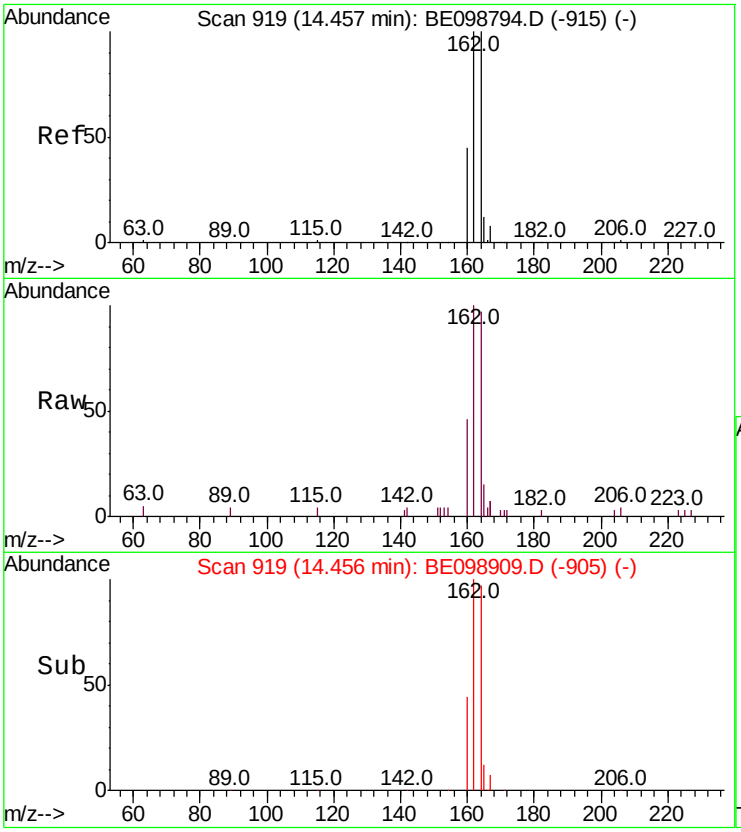


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:142 Resp: 2184

Ion	Ratio	Lower	Upper
142	100		
141	86.4	72.6	108.8
115	46.0	37.4	56.2



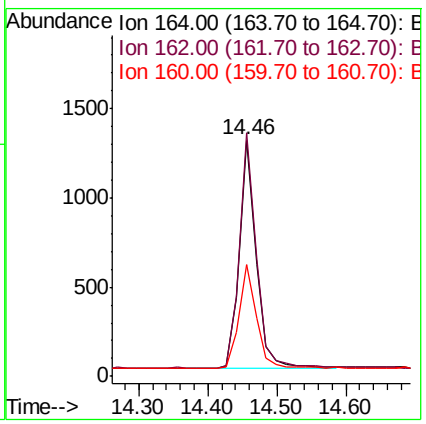


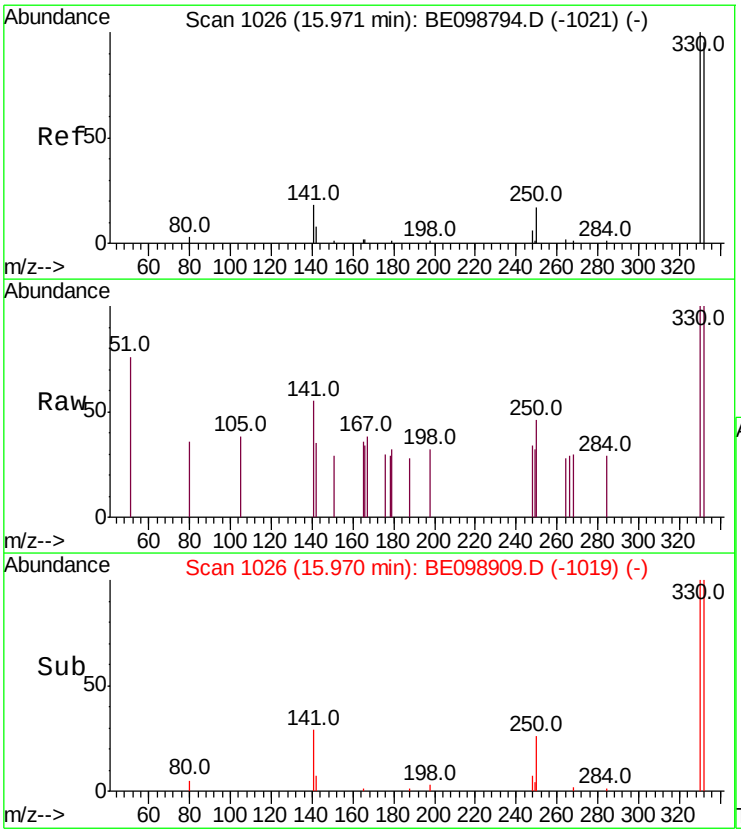
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2166

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	47.2	37.8	56.8

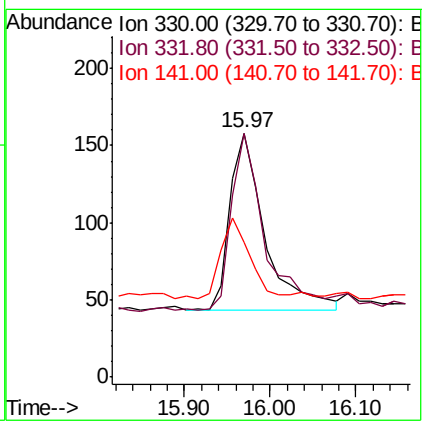


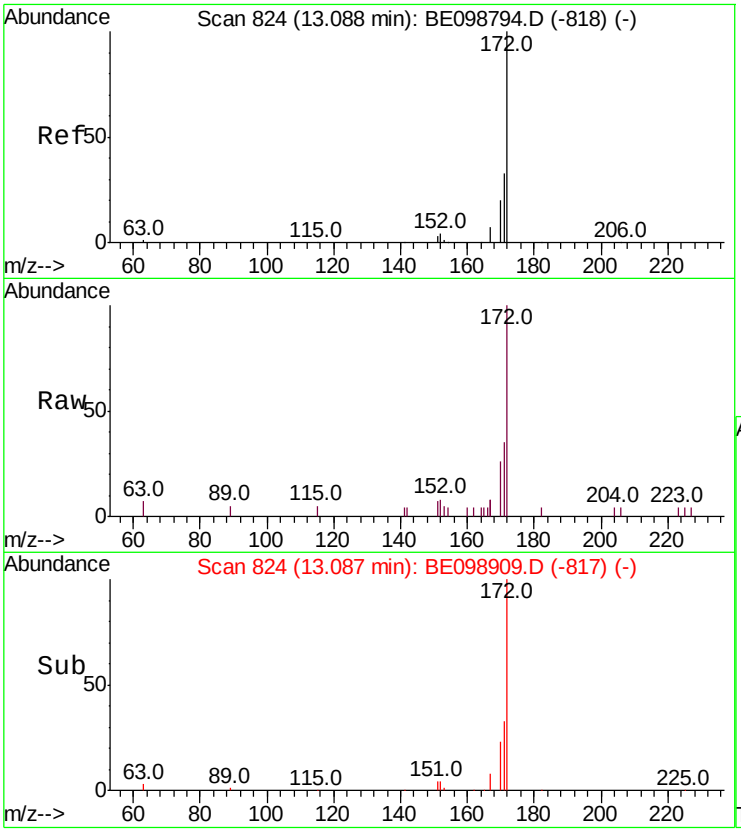


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:330 Resp: 329

Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.6	116.4
141	37.7	31.0	46.4



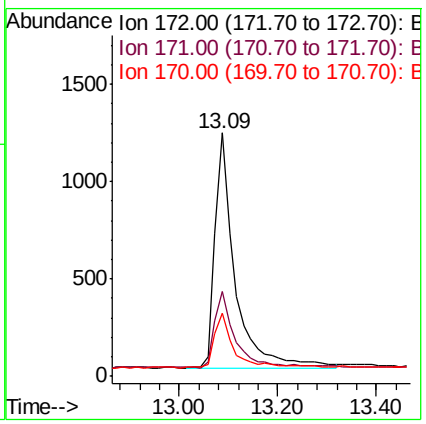


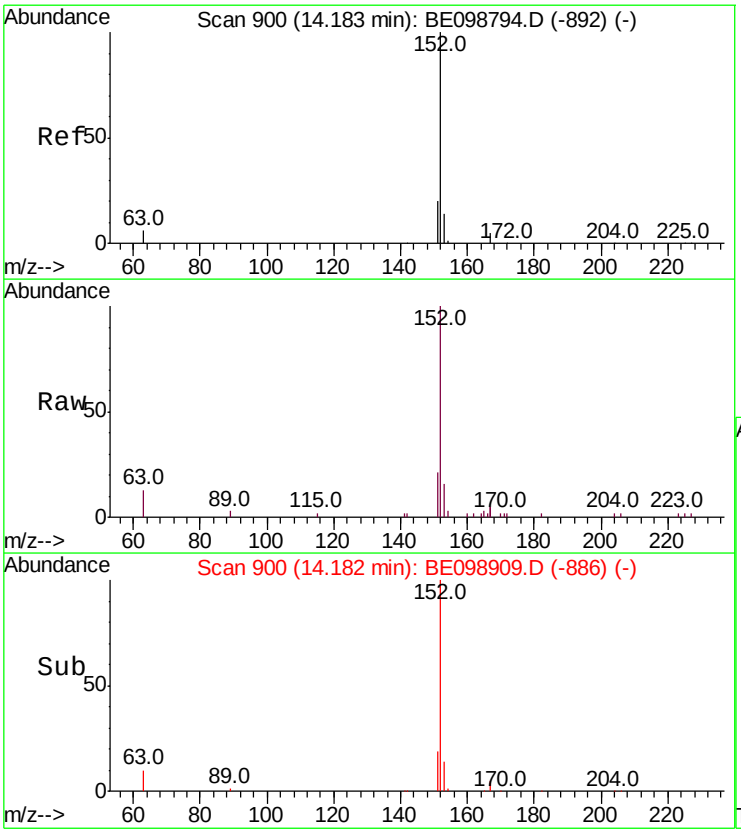
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3361

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	26.1	17.7	26.5

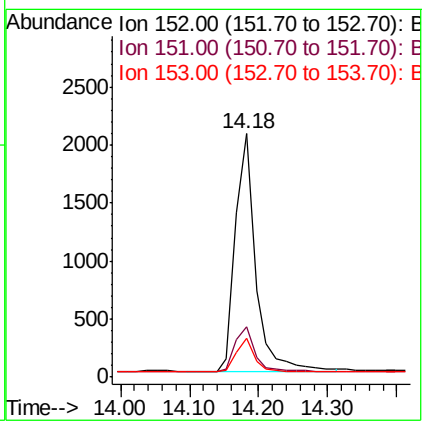


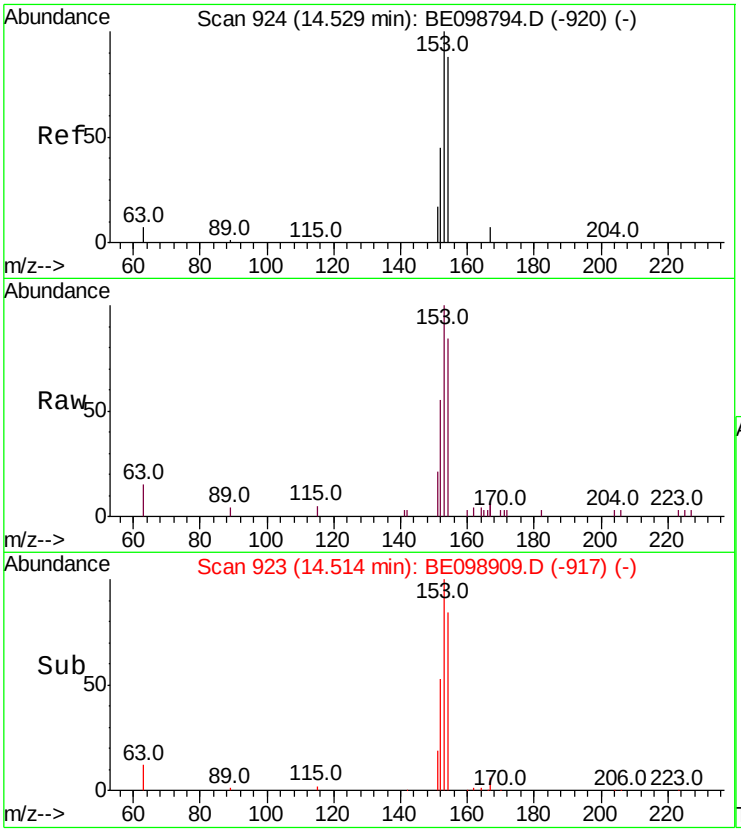


#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:152 Resp: 4176

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.0	25.6
153	13.2	11.2	16.8



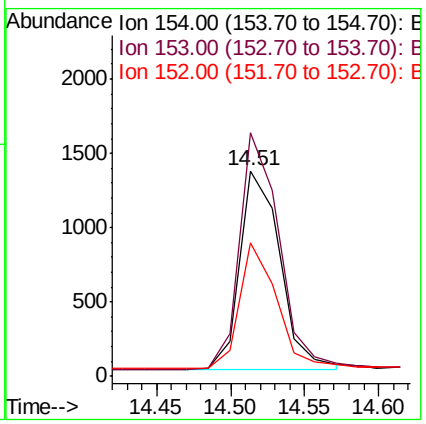


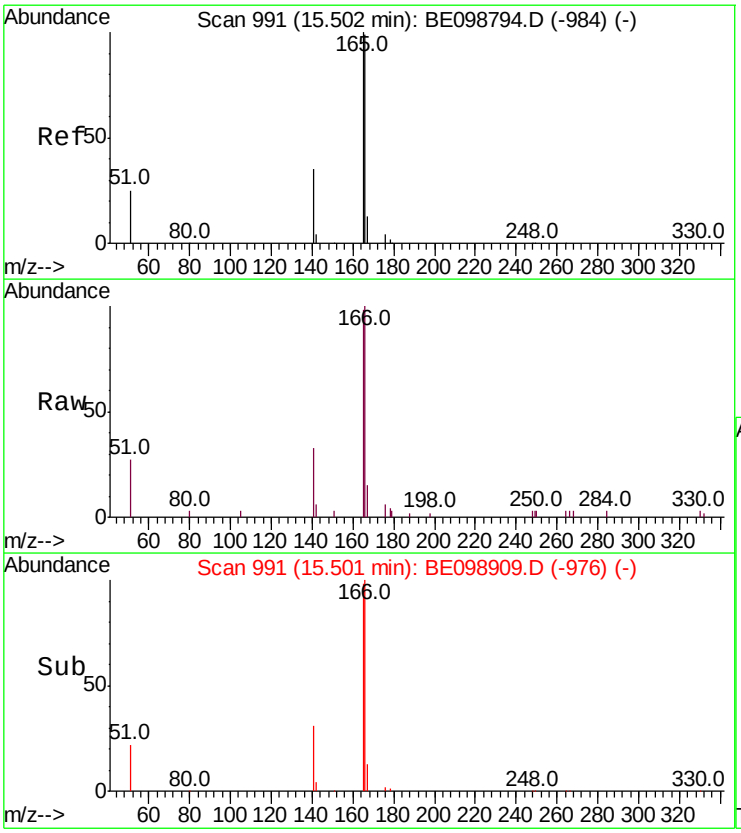
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2509

Ion	Ratio	Lower	Upper
154	100		
153	117.2	94.2	141.4
152	59.7	45.0	67.4

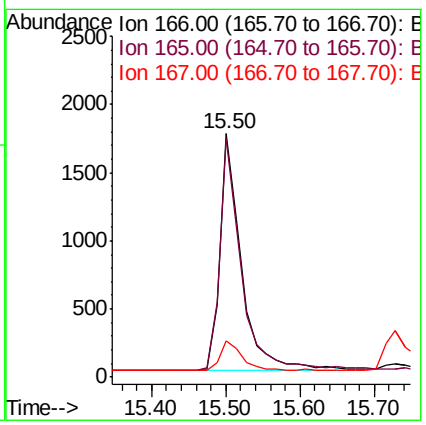


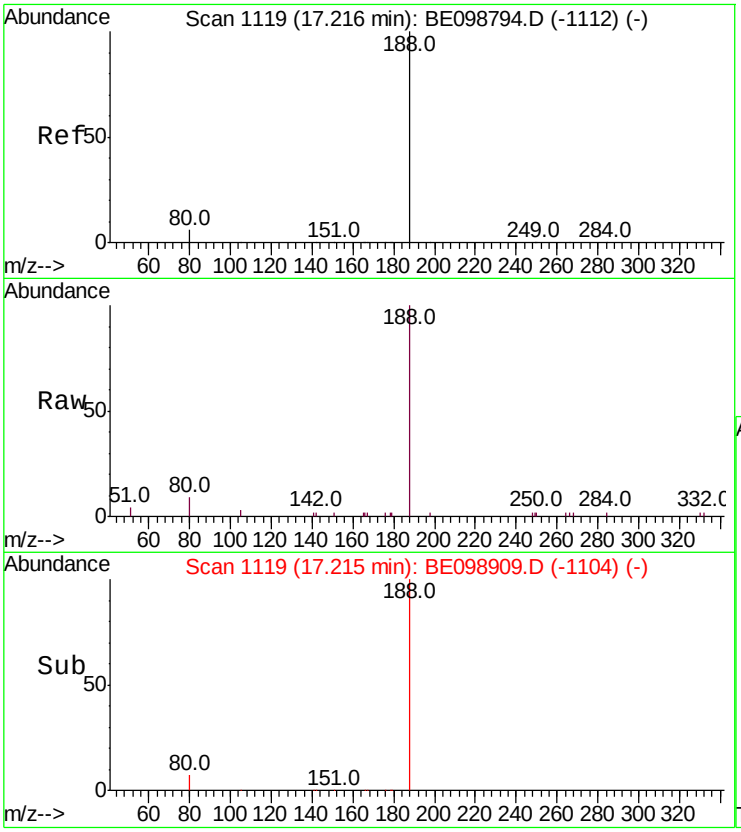


#18
Fluorene
Concen: 0.368 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:166 Resp: 3505

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.3	118.9
167	13.9	10.5	15.7



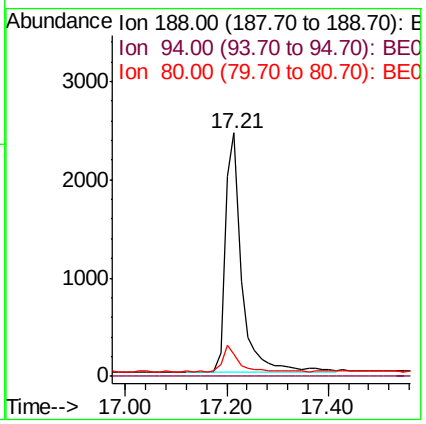


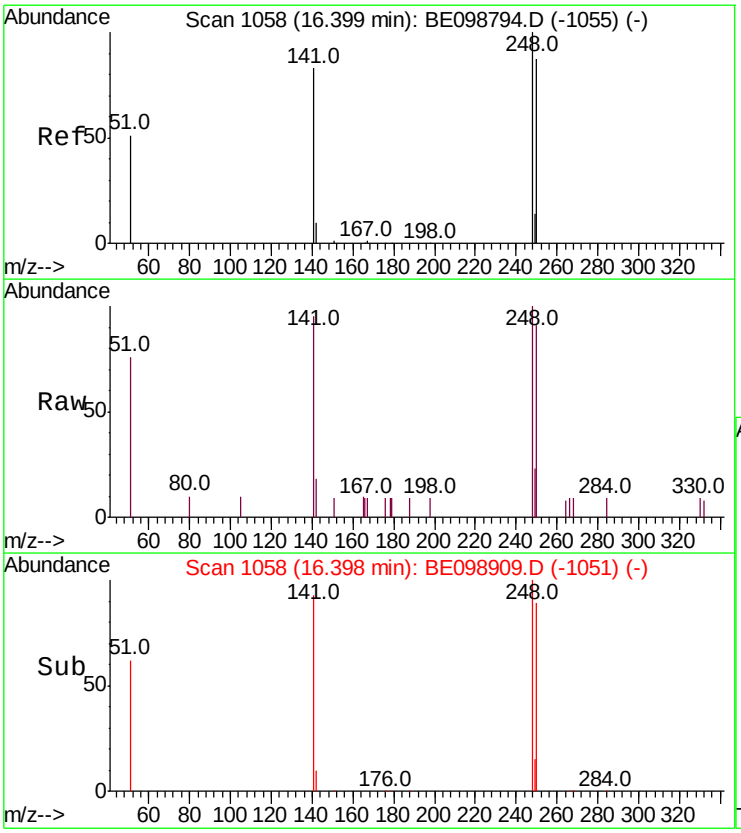
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5413

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	6.3	9.5

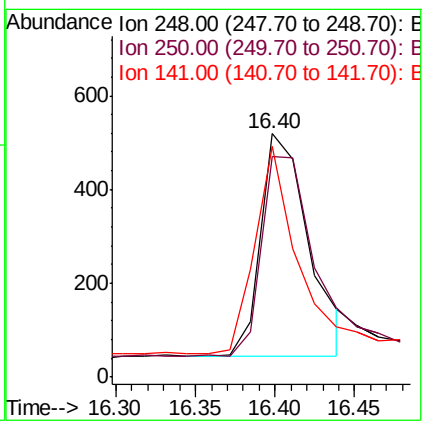


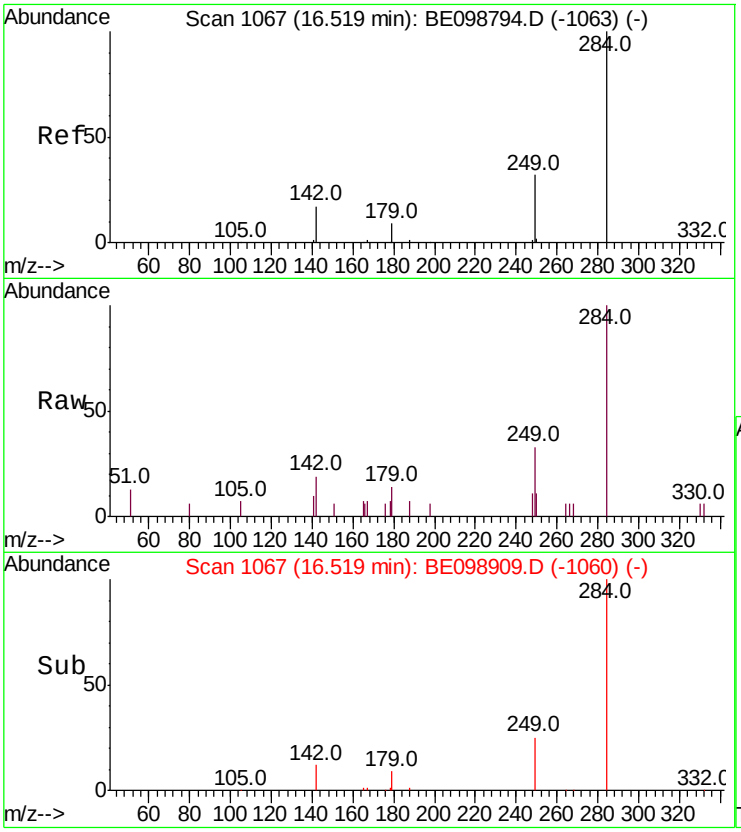


#20
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:248 Resp: 1007

Ion	Ratio	Lower	Upper
248	100		
250	90.6	70.6	105.8
141	95.0	68.6	102.8



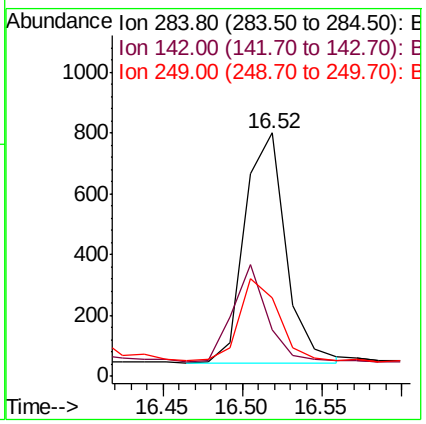


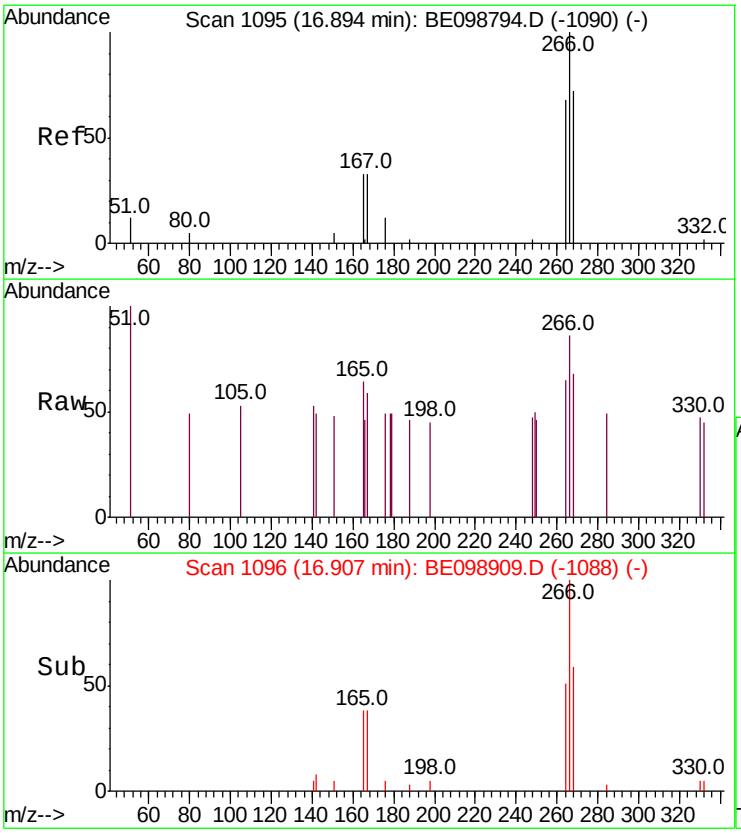
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1362

Ion	Ratio	Lower	Upper
284	100		
142	36.3	28.7	43.1
249	33.6	29.6	44.4

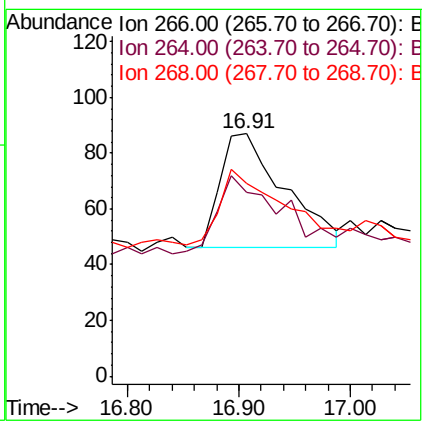


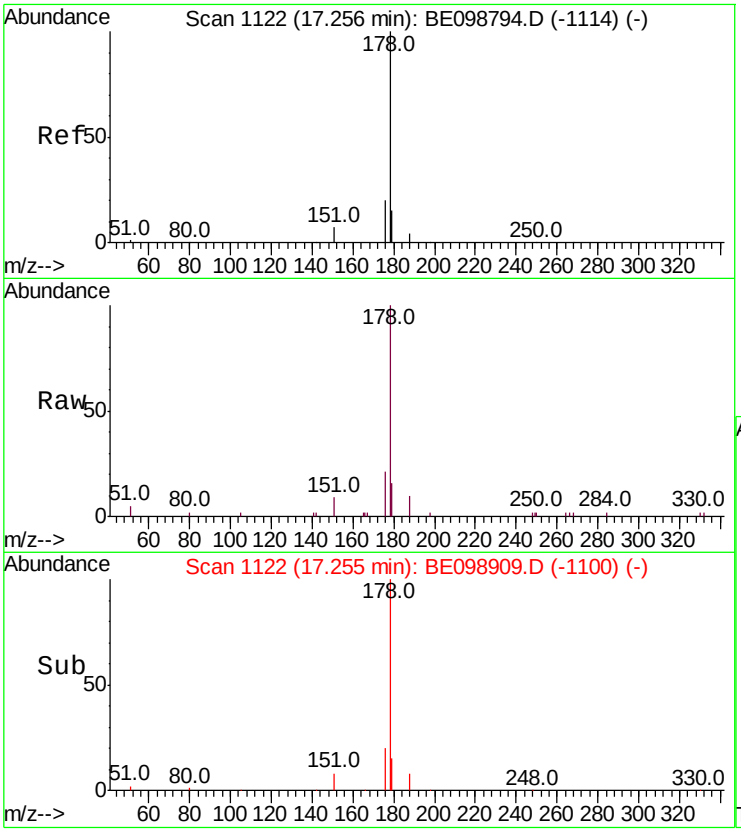


#22
Pentachlorophenol
Concen: 0.403 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:266 Resp: 165

Ion	Ratio	Lower	Upper
266	100		
264	75.9	66.6	100.0
268	79.3	69.8	104.8



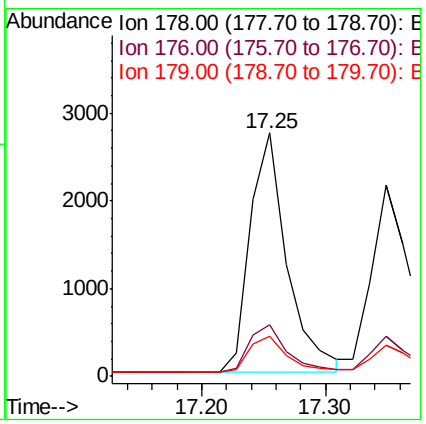


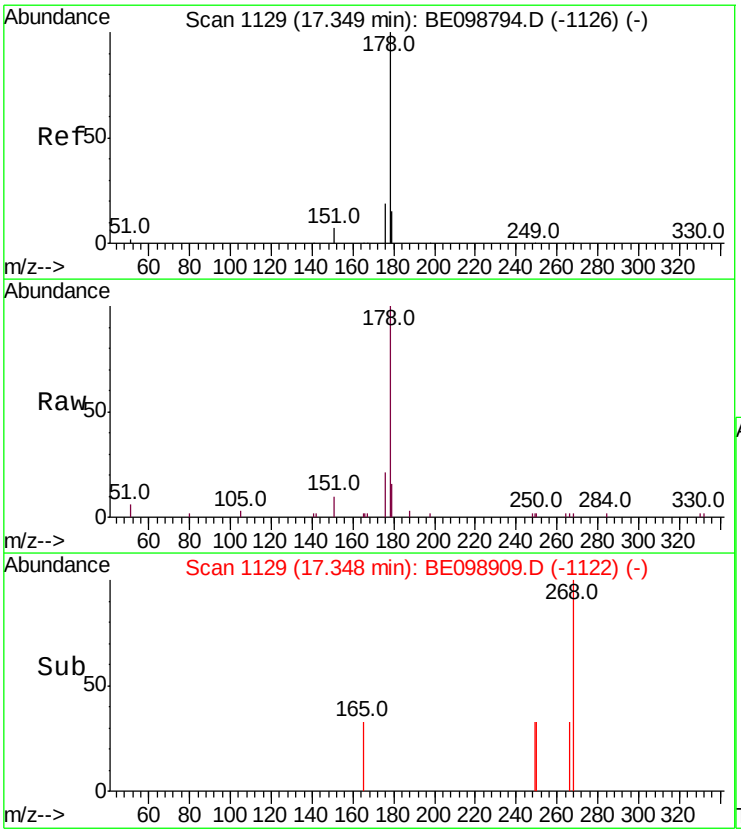
#23
Phenanthrene
Concen: 0.368 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5661

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.0	24.0
179	15.7	12.1	18.1

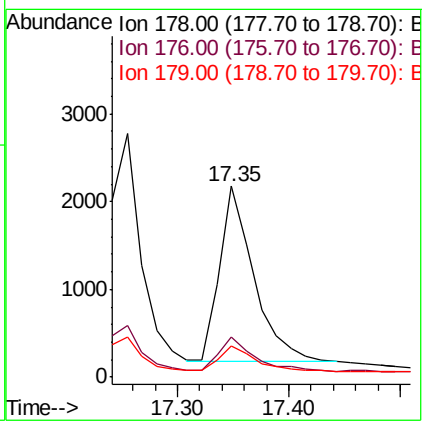


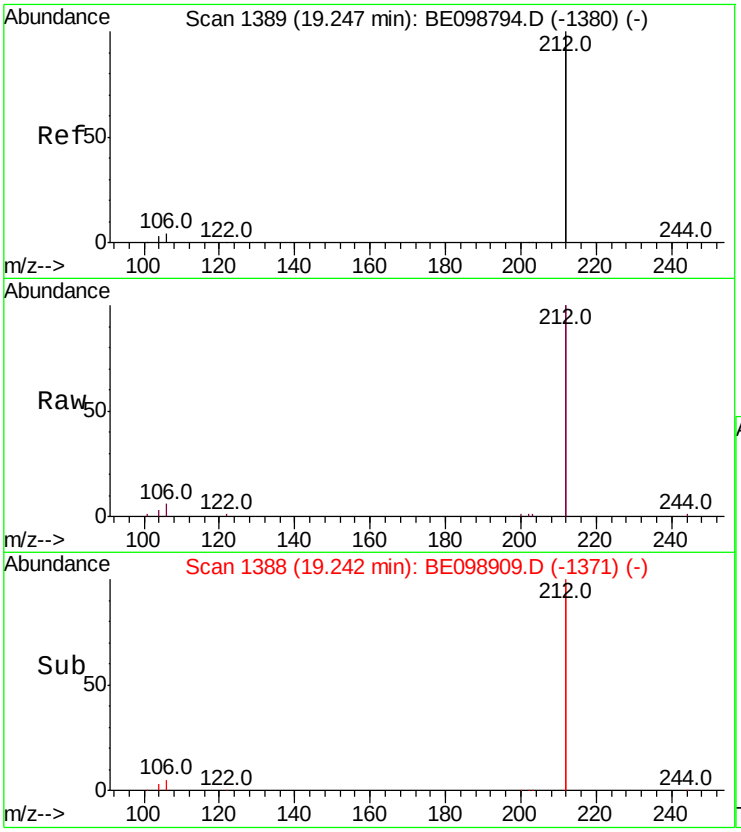


#24
Anthracene
Concen: 0.326 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:178 Resp: 4282

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.0
179	15.2	12.2	18.4



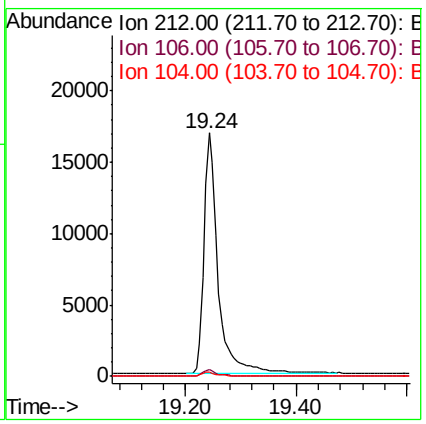


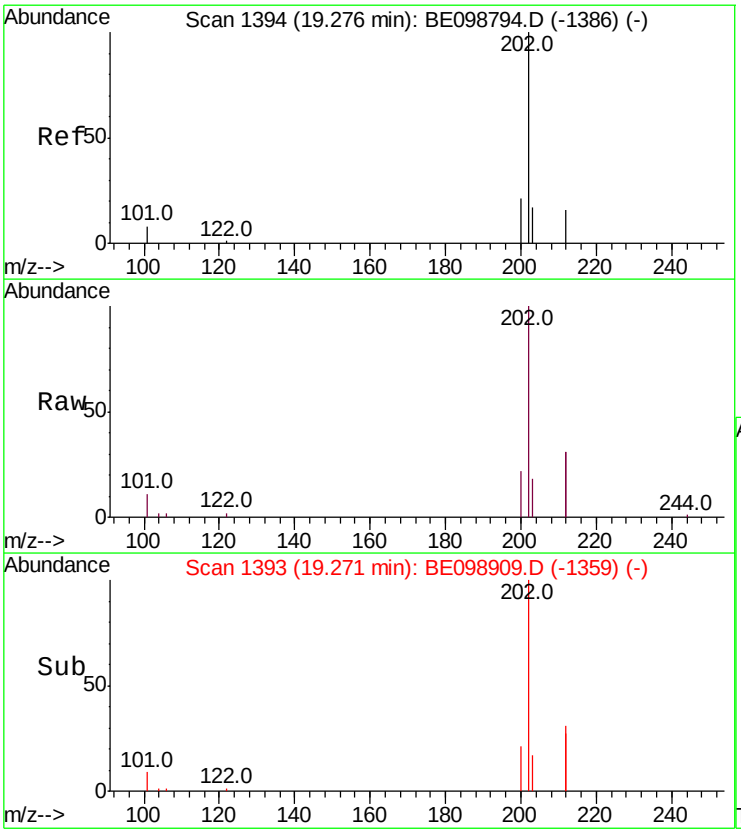
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30217

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.4	1.0	1.6

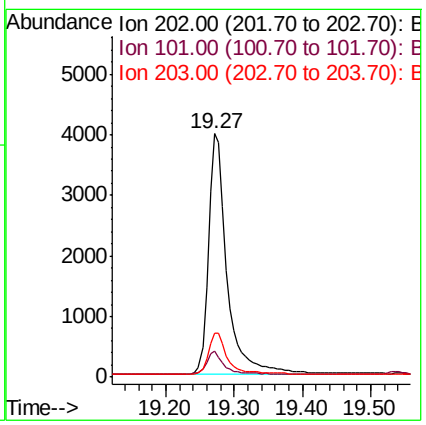


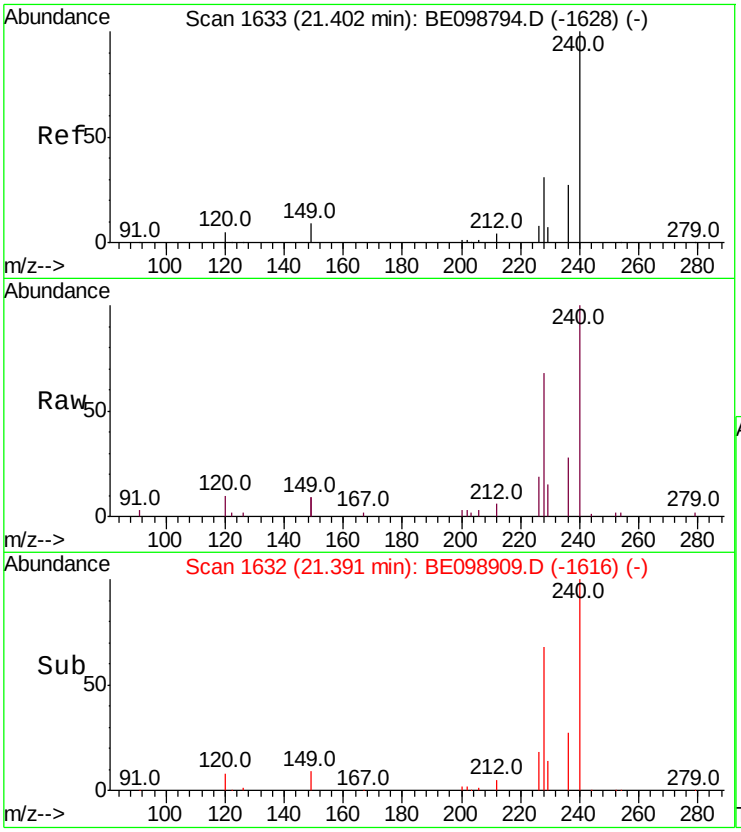


#26
Fluoranthene
Concen: 0.347 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:202 Resp: 7537

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.3	10.9
203	16.8	13.4	20.2



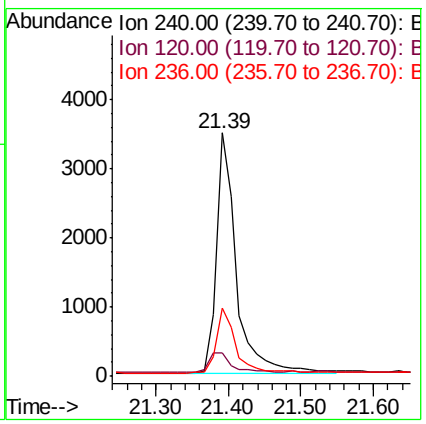


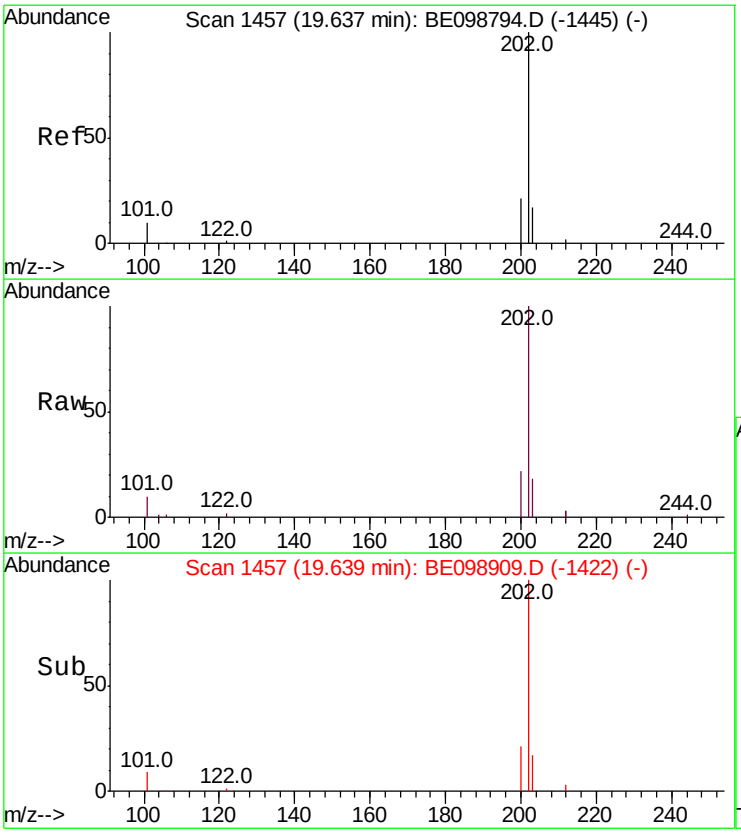
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6609

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.0	7.4#
236	28.1	22.7	34.1

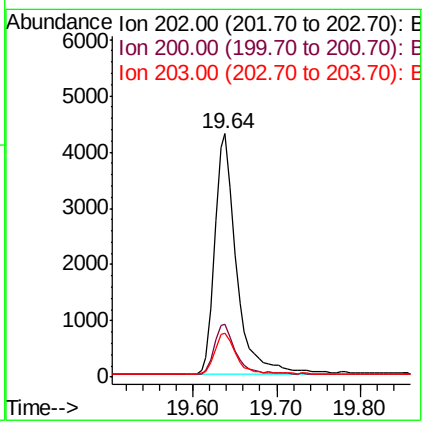


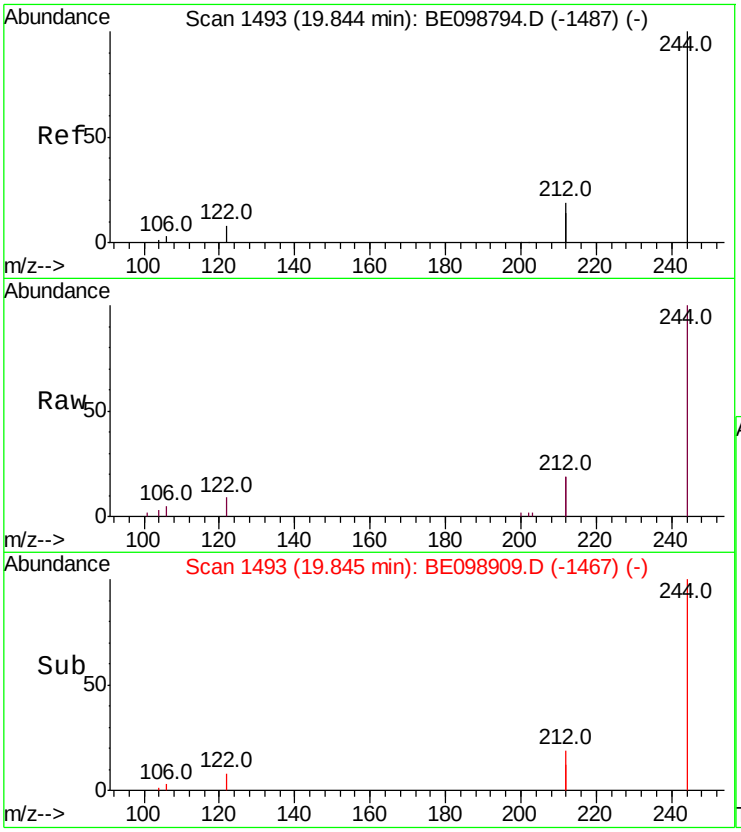


#28
Pyrene
Concen: 0.384 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:202 Resp: 7770

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.7	14.2	21.2



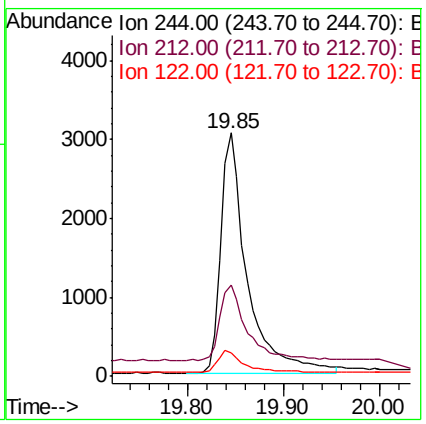


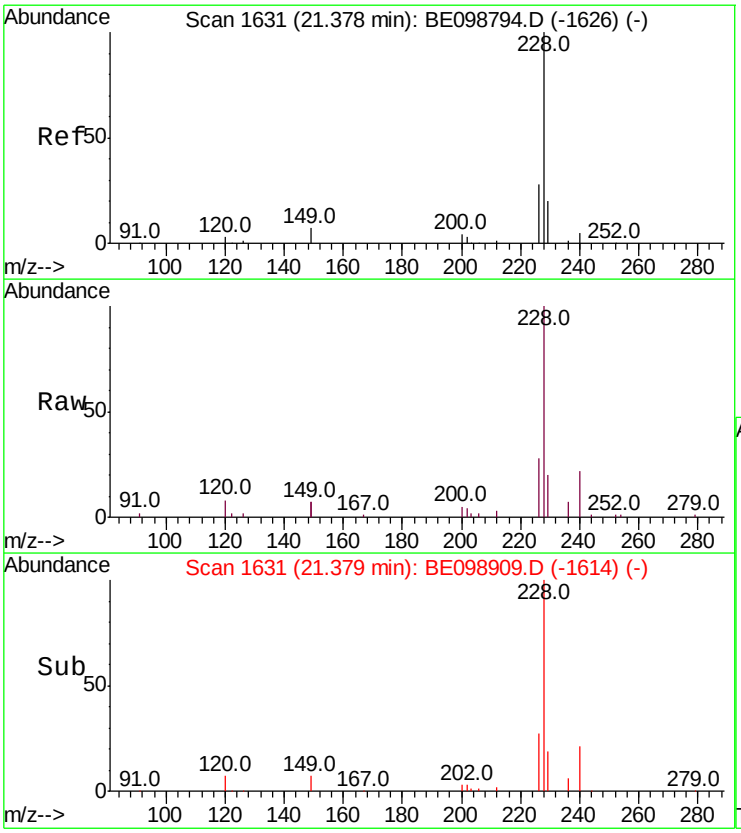
#29
Terphenyl-d14
Concen: 0.361 ng
RT: 19.85 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5805

Ion	Ratio	Lower	Upper
244	100		
212	37.4	29.4	44.2
122	9.5	7.1	10.7

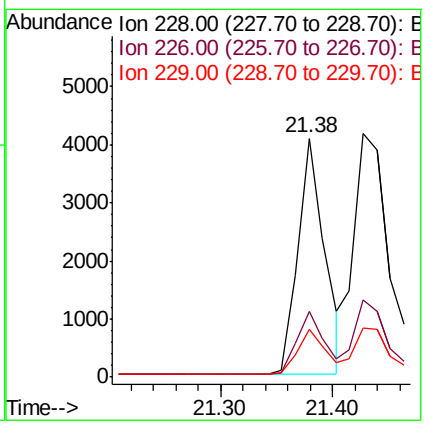


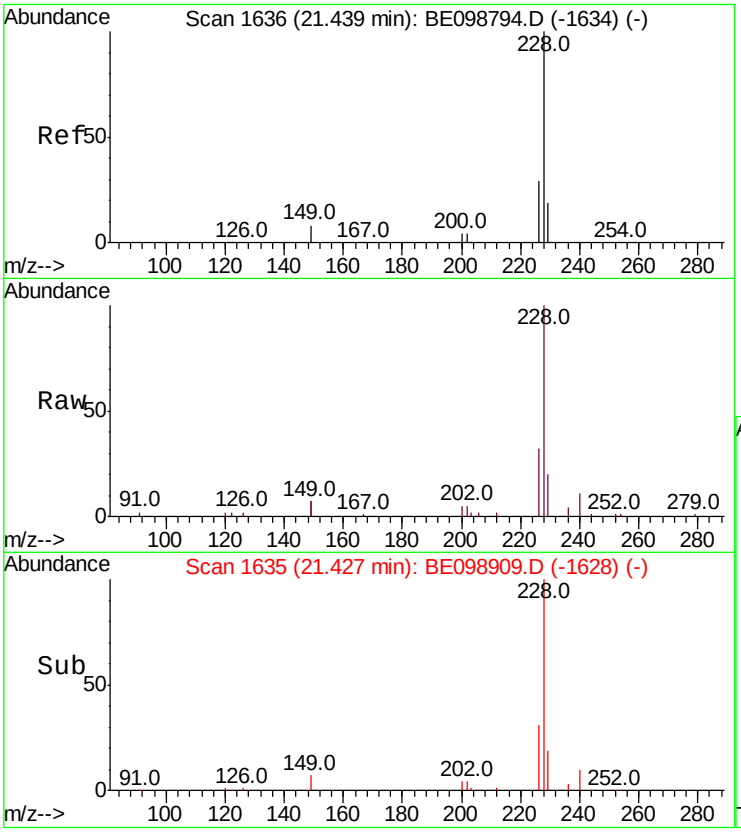


#30
Benzo(a)anthracene
Concen: 0.327 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:228 Resp: 6738

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.4
229	19.8	16.5	24.7



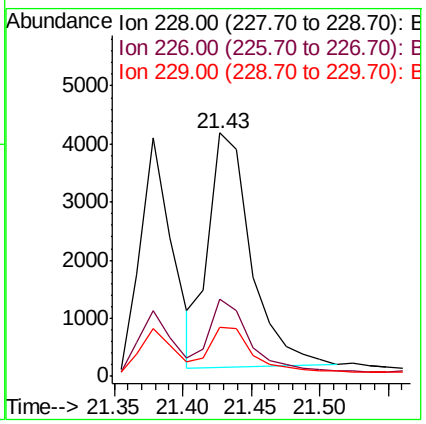


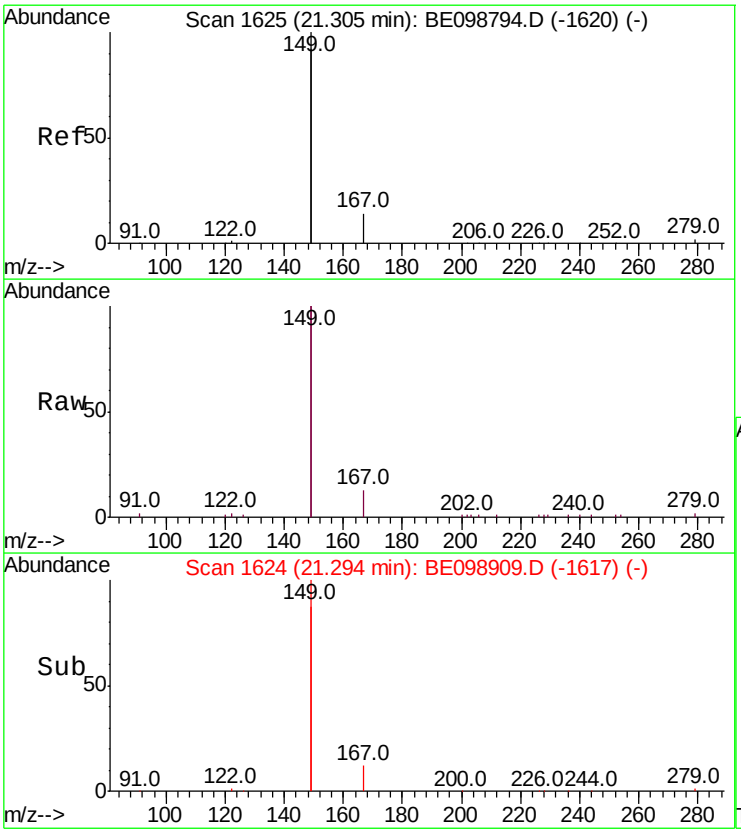
#31
Chrysene
Concen: 0.393 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8669

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.7	35.5
229	20.1	16.1	24.1

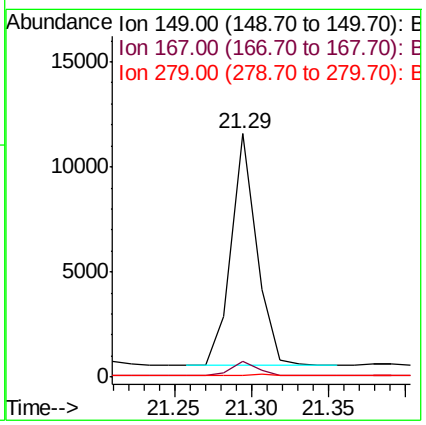


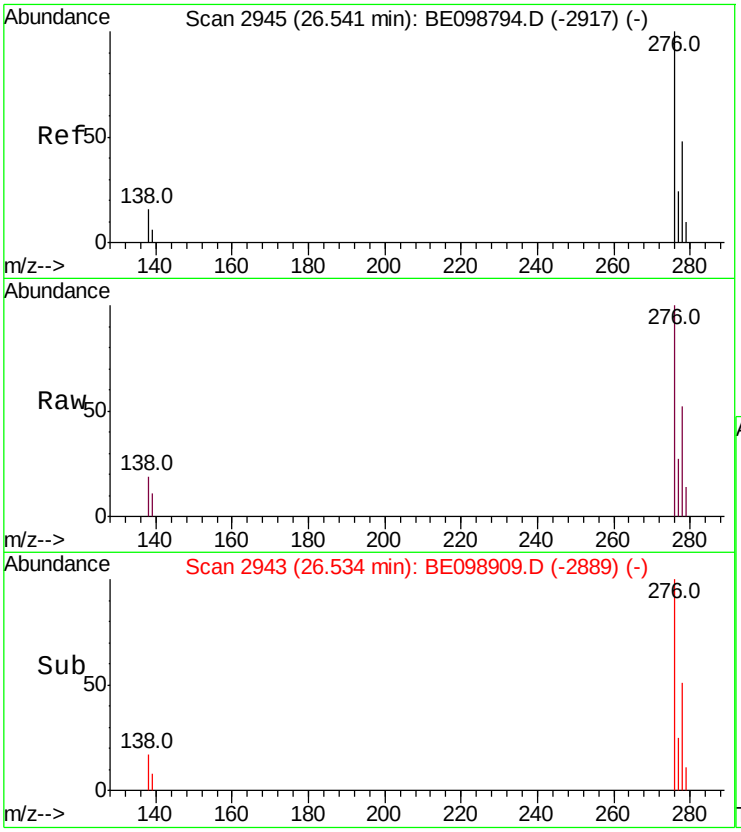


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.285 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:149 Resp: 12528

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.2	1.0	1.4



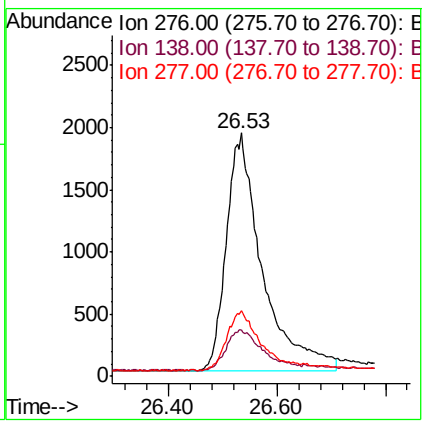


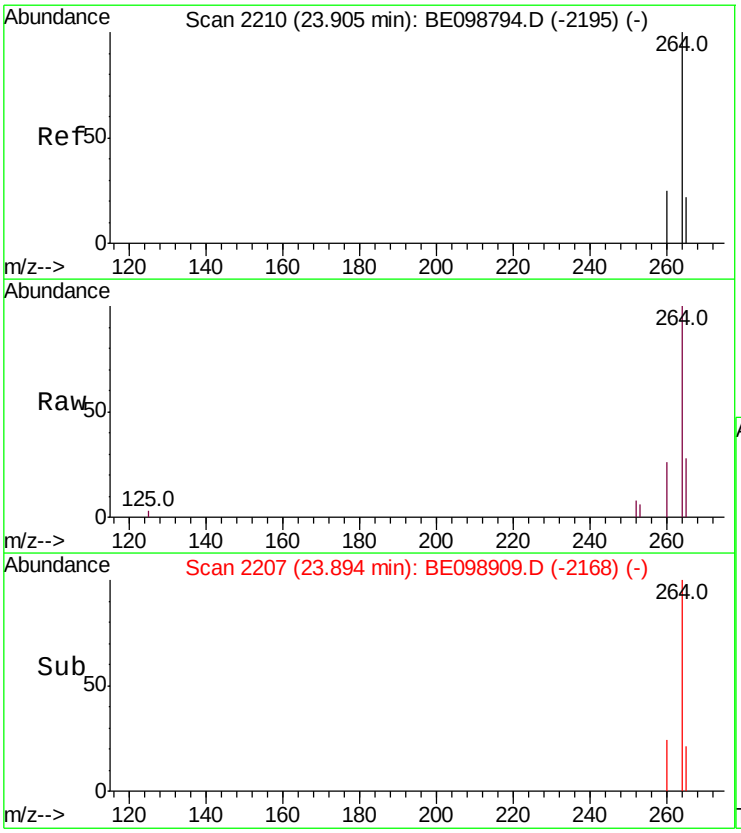
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8798

Ion	Ratio	Lower	Upper
276	100		
138	17.9	13.8	20.8
277	22.8	19.5	29.3

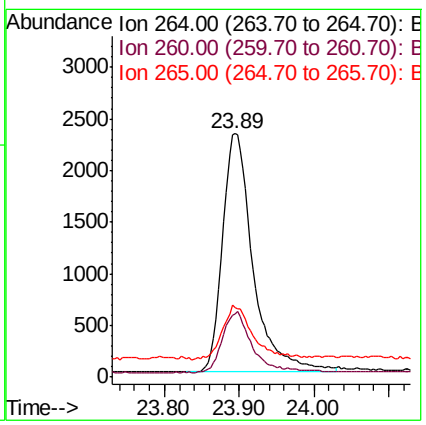


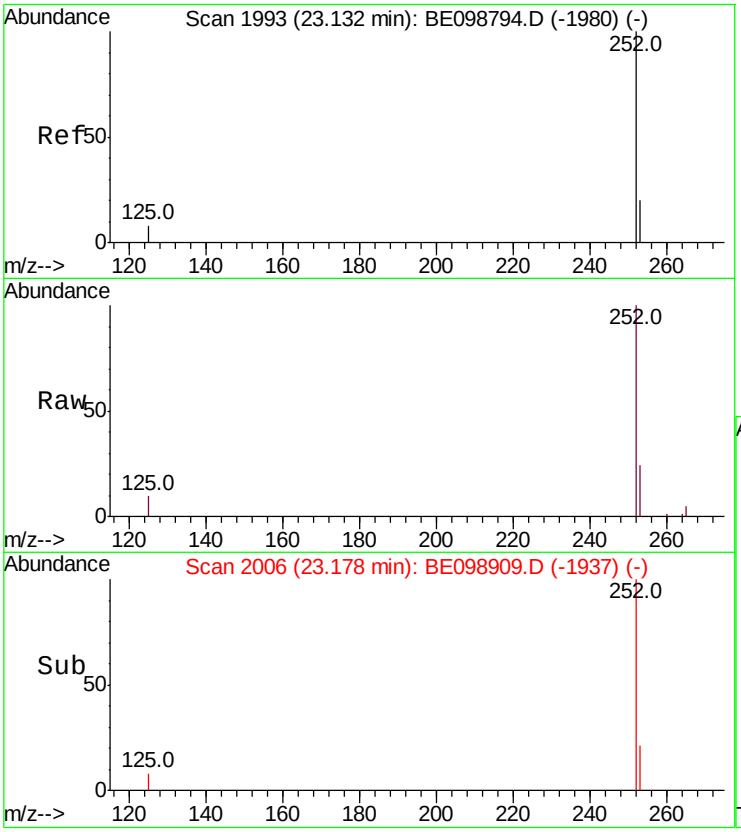


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:264 Resp: 6546

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.2	31.8
265	28.5	24.6	36.8



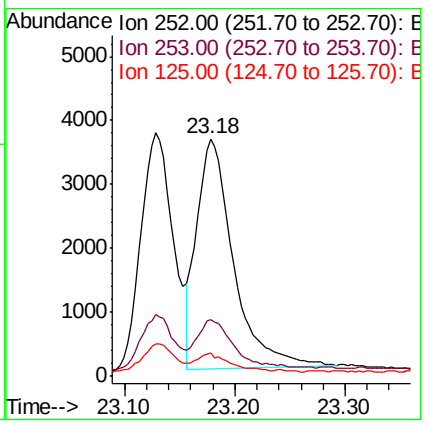


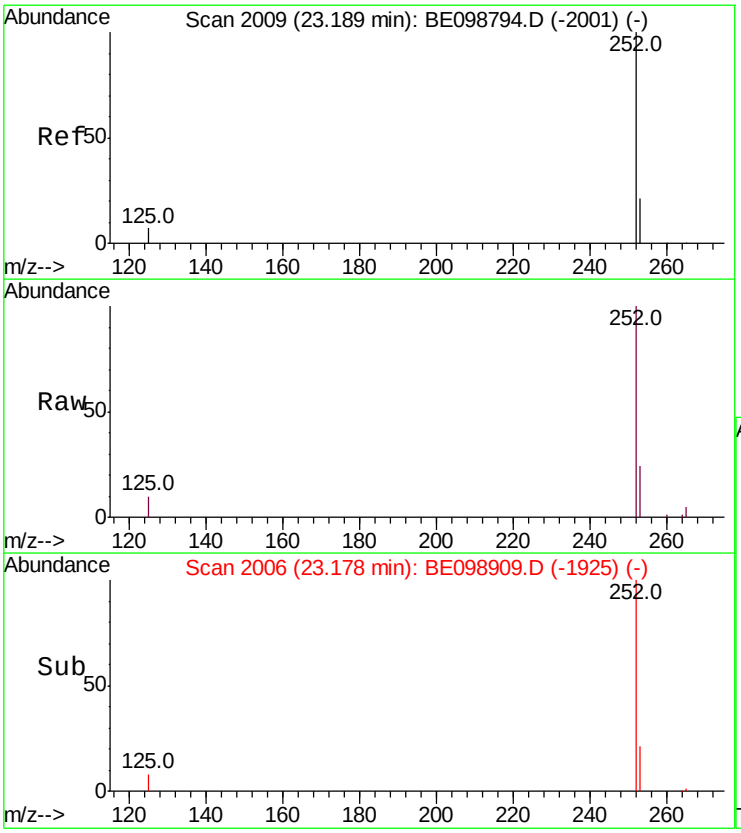
#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8277

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	9.8	7.3	10.9

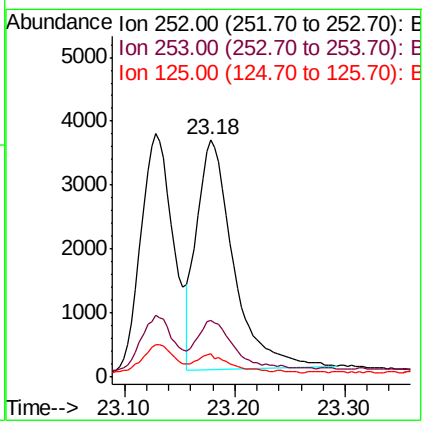


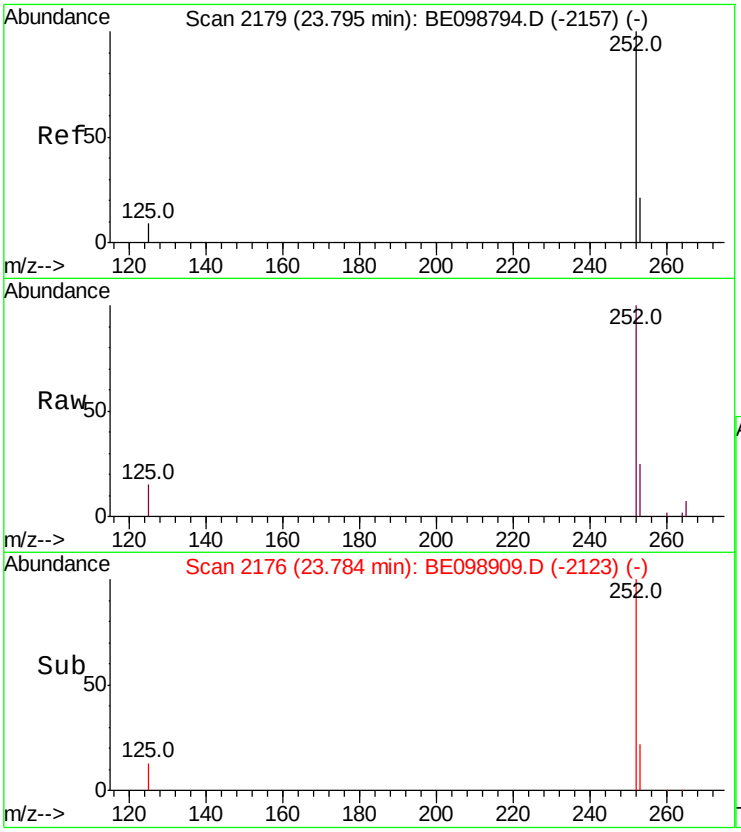


#36
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:252 Resp: 8277

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.3	28.9
125	9.8	7.5	11.3



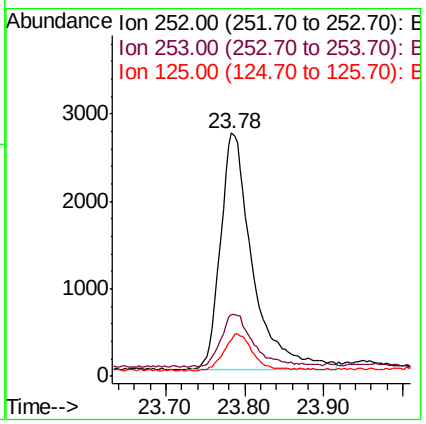


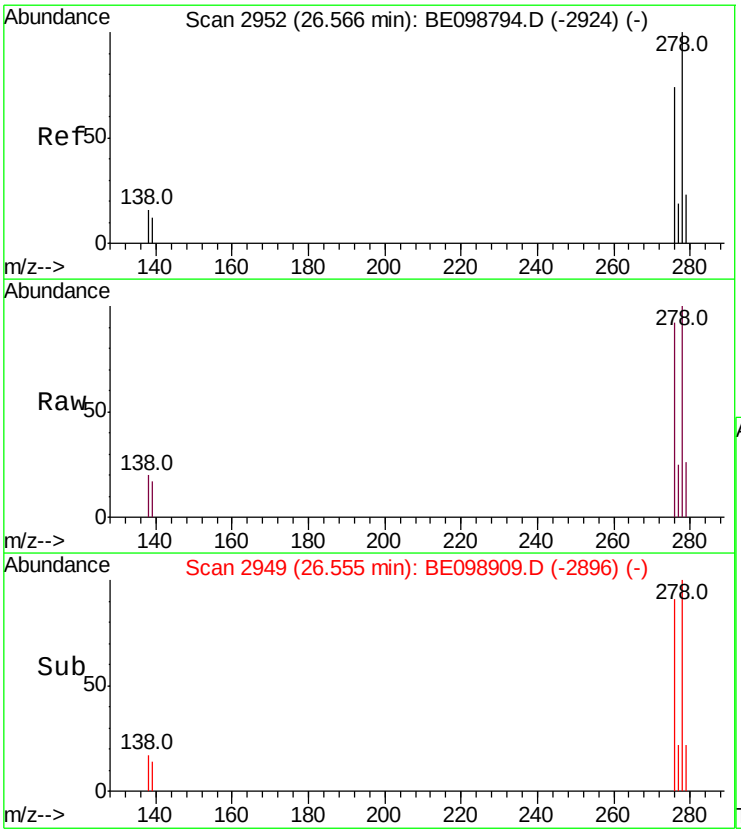
#37
Benzo(a)pyrene
Concen: 0.371 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7663

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.9	29.9
125	15.0	9.0	13.4#





#38
Dibenzo(a,h)anthracene
Concen: 0.347 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BE098909.D
Acq: 13 Mar 2019 13:28

Tgt Ion:278 Resp: 6773

Ion	Ratio	Lower	Upper
278	100		
139	17.0	11.8	17.6
279	26.2	21.1	31.7