Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098842.D
Acq On : 8 Mar 2019 19:51
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 09 00:46:21 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	960	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	4161	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2764	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	7310	0.40	ng		0.00
27) Chrysene-d12	21.39	240	8875	0.40	ng		-0.01
34) Perylene-d12	23.90	264	8855	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1022	0.36	ng		0.00
5) Phenol-d6	6.99	99	1626	0.40	ng		0.00
8) Nitrobenzene-d5	8.97	82	1441	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	2959	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	531	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	4514	0.39	ng		-0.01
25) Fluoranthene-d10	19.24	212	40740	0.35	ng		0.00
29) Terphenyl-d14	19.84	244	8244	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	610	0.308	ng	#	85
3) n-Nitrosodimethylamine	3.62	42	710	0.294	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	1211	0.387	ng		92
9) Naphthalene	10.63	128	18716	0.393	ng		100
10) Hexachlorobutadiene	10.91	225	1182	0.375	ng		98
12) 2-Methylnaphthalene	12.27	142	3010	0.389	ng		98
16) Acenaphthylene	14.18	152	5316	0.374	ng		97
17) Acenaphthene	14.51	154	3268	0.388	ng		99
18) Fluorene	15.50	166	4631	0.381	ng		98
20) 4-Bromophenyl-phenylether	16.40	248	1419	0.358	ng		91
21) Hexachlorobenzene	16.52	284	1768	0.375	ng		96
22) Pentachlorophenol	16.89	266	277	0.437	ng		93
23) Phenanthrene	17.25	178	7608	0.366	ng		99
24) Anthracene	17.35	178	6301	0.355	ng		98
26) Fluoranthene	19.27	202	10310	0.352	ng		100
28) Pyrene	19.63	202	10583	0.390	ng		100
30) Benzo(a)anthracene	21.38	228	10194	0.368	ng		100
31) Chrysene	21.44	228	11450	0.386	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	21296	0.361	ng		100
33) Indeno(1,2,3-cd)pyrene	26.53	276	12610	0.403	ng		98
35) Benzo(b)fluoranthene	23.18	252	11432	0.393	ng		97
36) Benzo(k)fluoranthene	23.18	252	11725	0.385	ng		99
37) Benzo(a)pyrene	23.79	252	10540	0.378	ng	#	92
38) Dibenzo(a,h)anthracene	26.55	278	10046	0.380	ng	#	96
39) Benzo(g,h,i)perylene	27.33	276	10279	0.372	ng		99

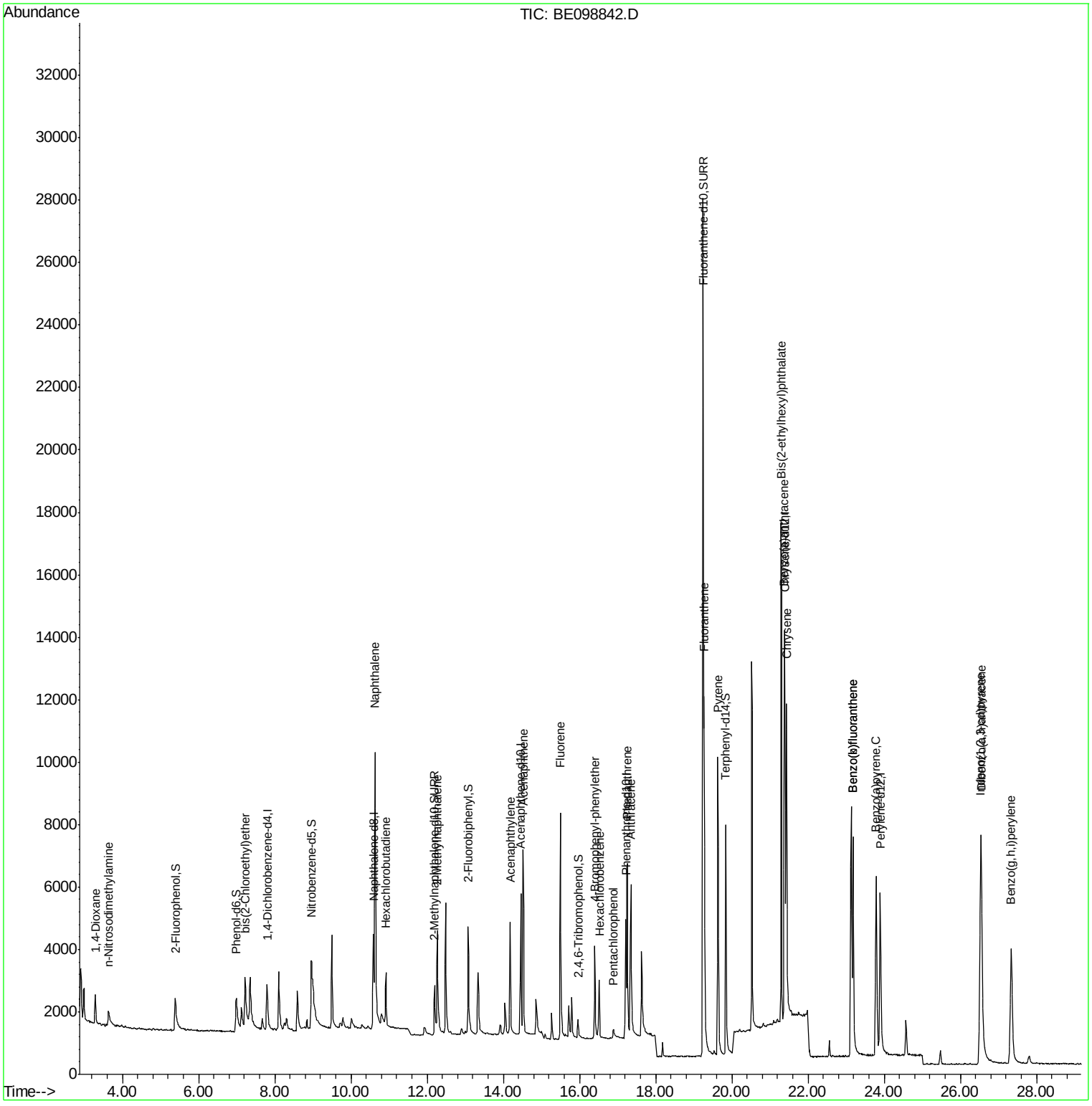
(#) = qualifier out of range (m) = manual integration (+) = signals summed

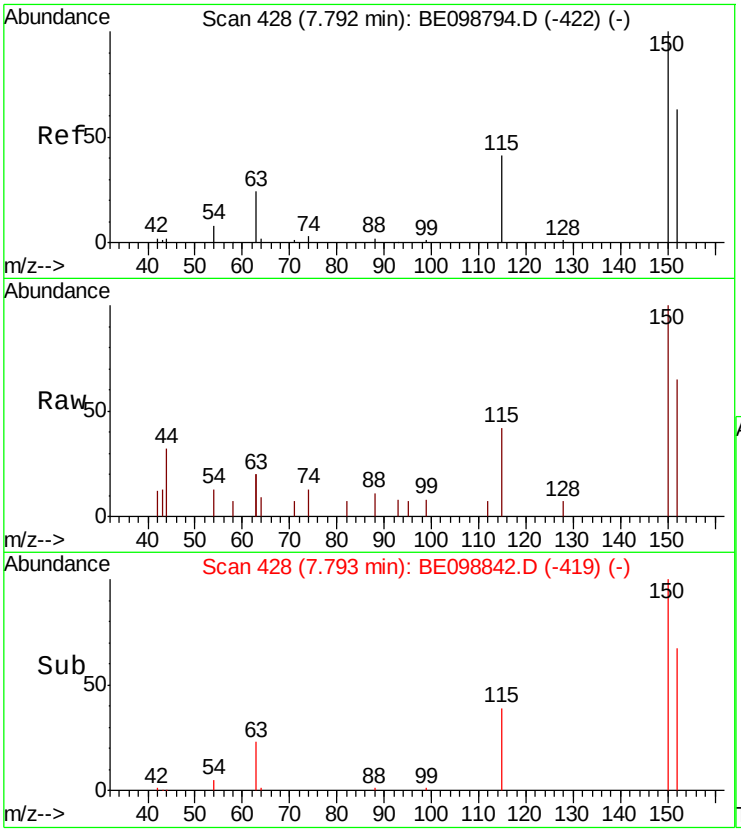
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098842.D
Acq On : 8 Mar 2019 19:51
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 09 00:46:21 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



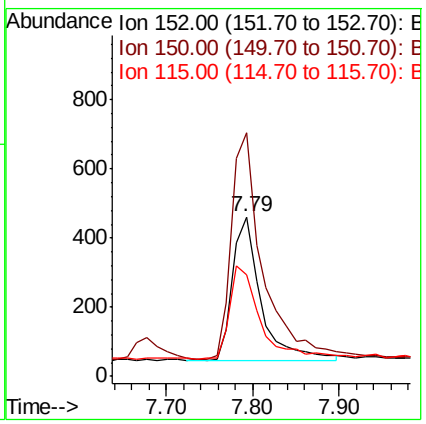


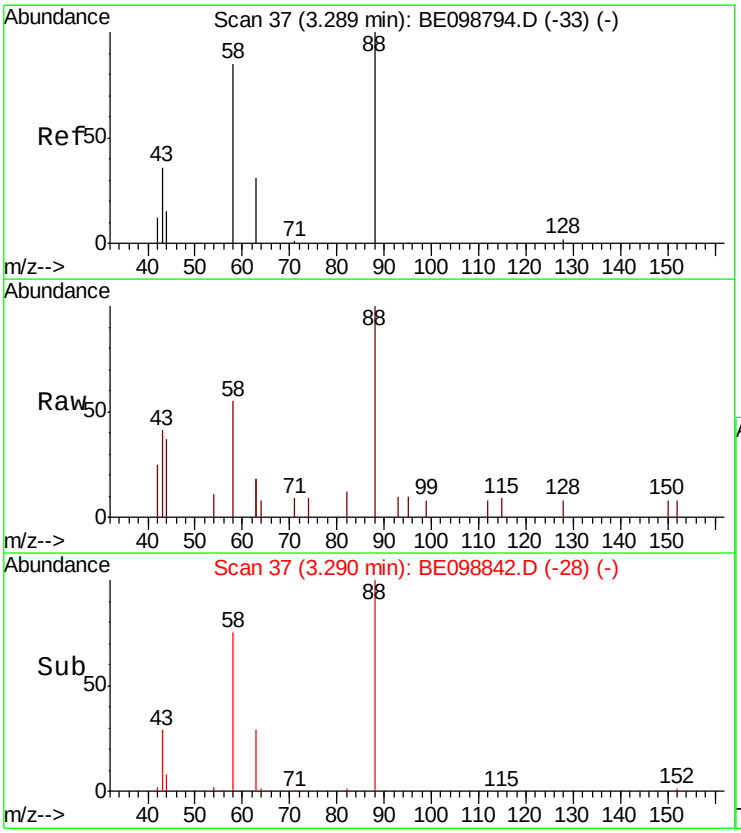
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 960

Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.5	183.7
115	63.8	57.4	86.2

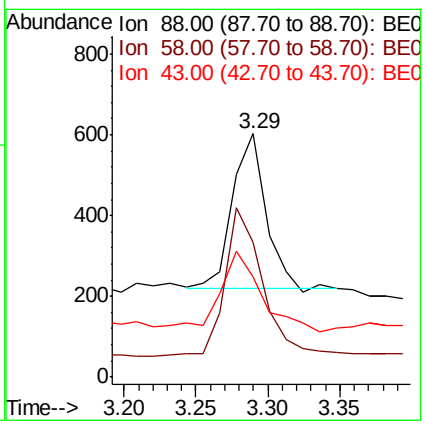


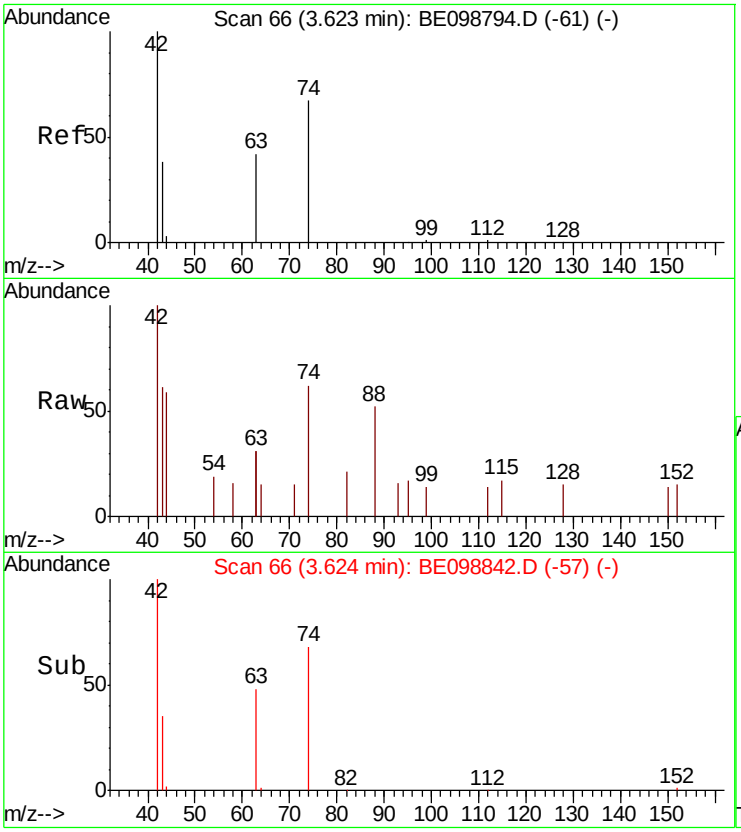


#2
1,4-Dioxane
Concen: 0.308 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion: 88 Resp: 610

Ion	Ratio	Lower	Upper
88	100		
58	108.0	75.8	113.6
43	64.6	41.8	62.8#



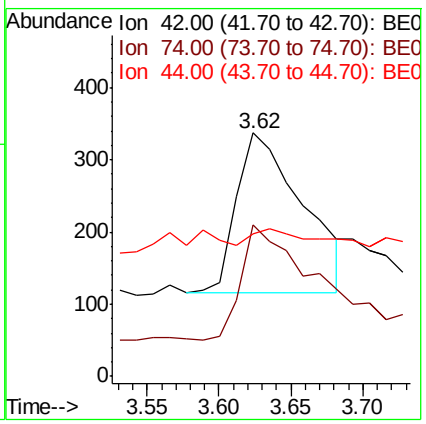


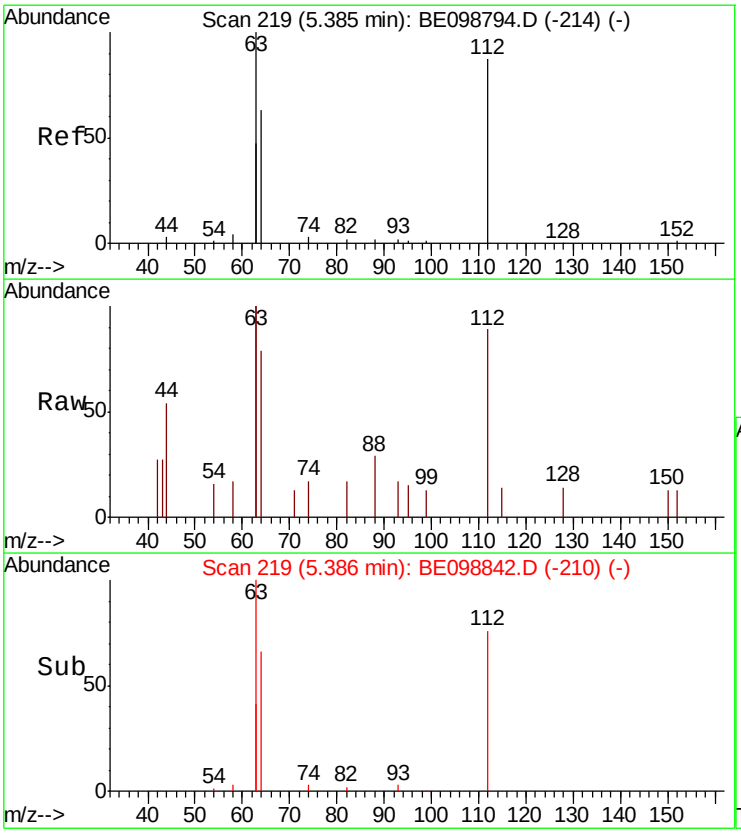
#3
n-Nitrosodimethylamine
Concen: 0.294 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 710

Ion	Ratio	Lower	Upper
42	100		
74	71.4	57.0	85.4
44	7.5	0.0	0.0#

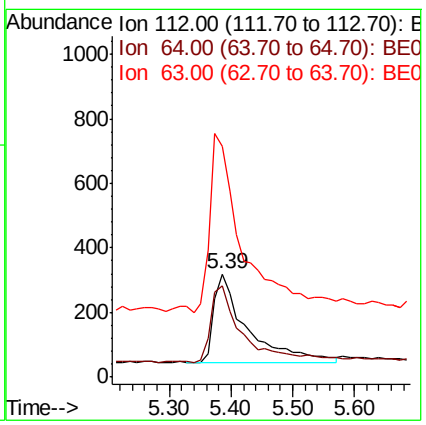


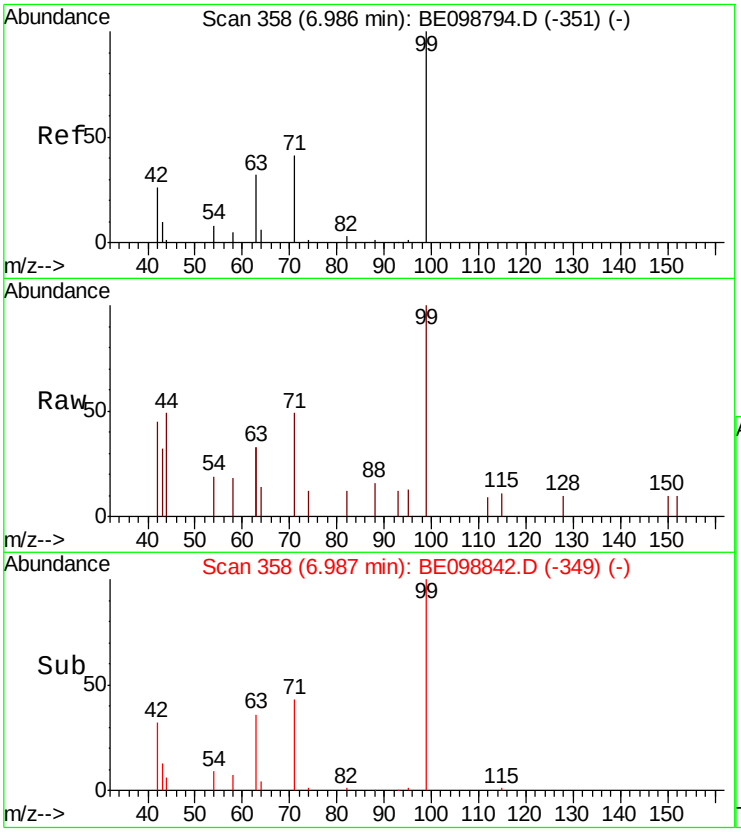


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:112 Resp: 1022

Ion	Ratio	Lower	Upper
112	100		
64	84.3	57.9	86.9
63	215.9	158.3	237.5



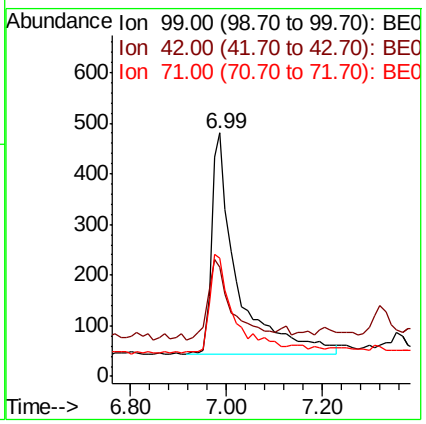


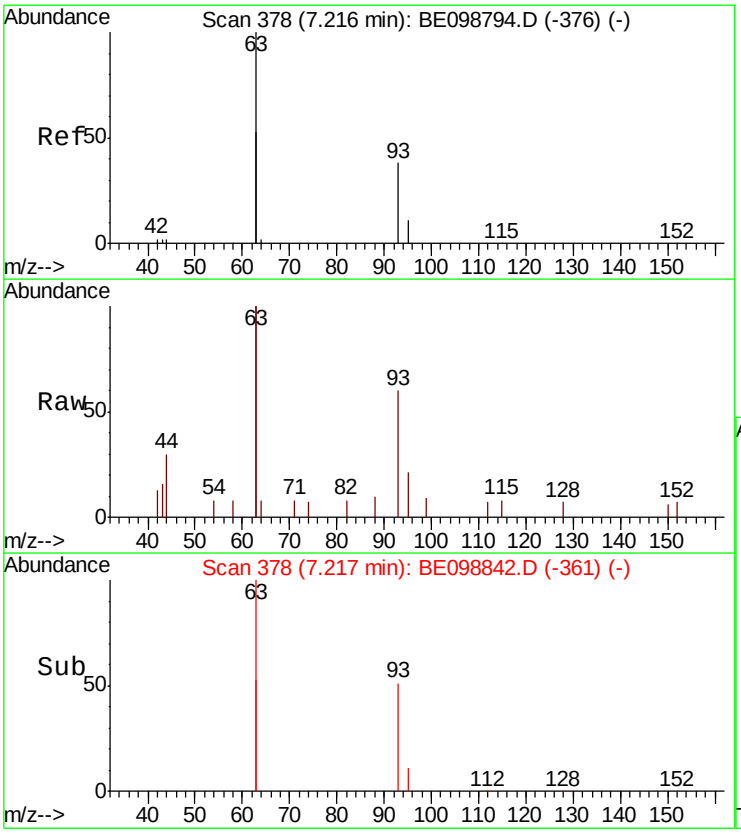
#5
Phenol-d6
Concen: 0.401 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1626

Ion	Ratio	Lower	Upper
99	100		
42	34.7	24.2	36.2
71	43.2	35.7	53.5

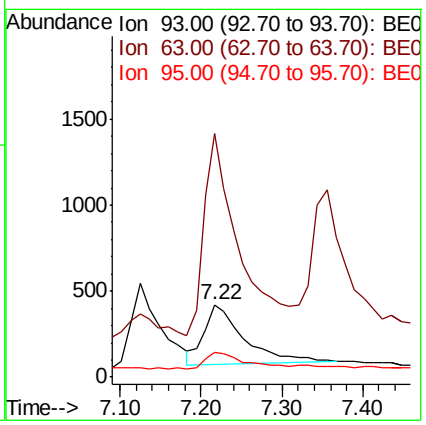


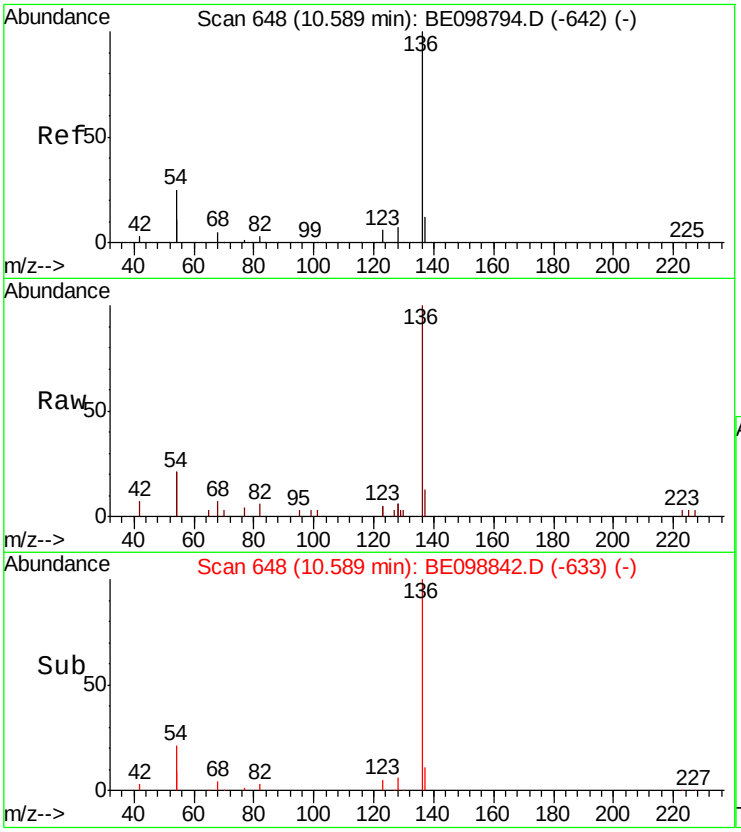


#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion: 93 Resp: 1211

Ion	Ratio	Lower	Upper
93	100		
63	292.8	247.5	371.3
95	30.6	21.8	32.8



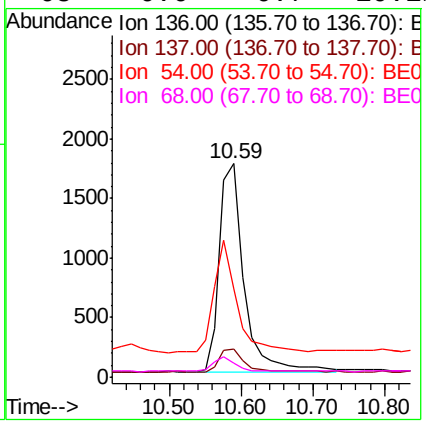


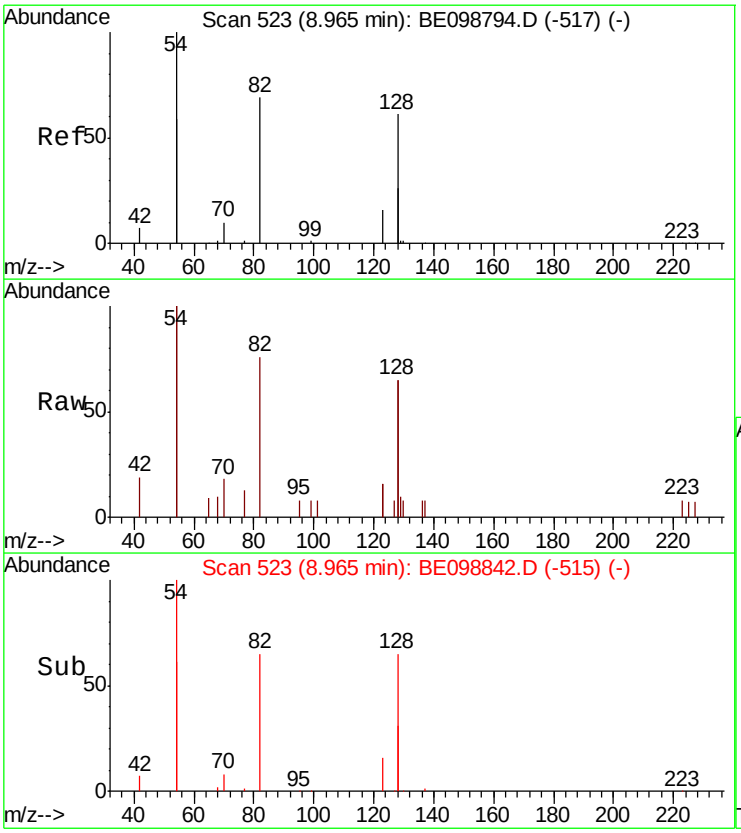
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 4161

Ion	Ratio	Lower	Upper
136	100		
137	13.4	11.4	17.0
54	41.3	39.3	58.9
68	6.6	6.7	10.1#

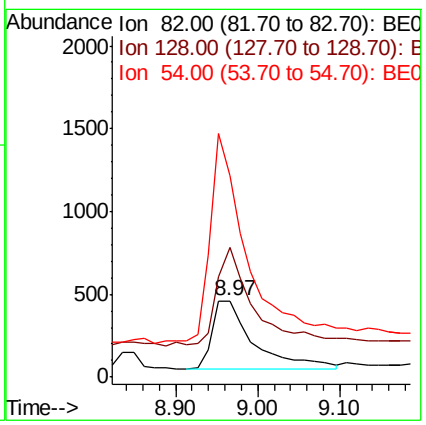


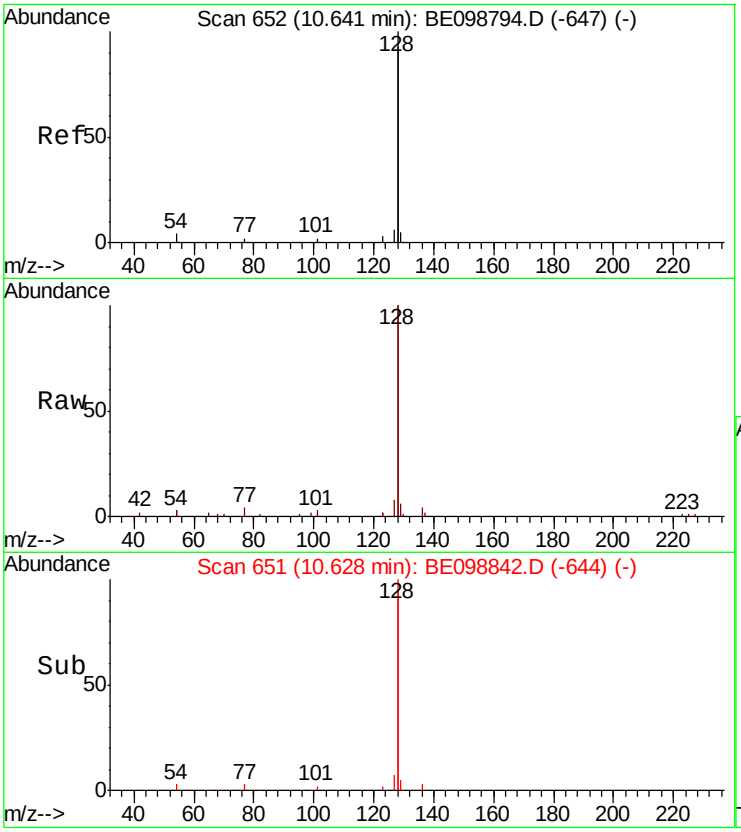


#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion: 82 Resp: 1441

Ion	Ratio	Lower	Upper
82	100		
128	170.9	123.8	185.8
54	263.9	203.4	305.2



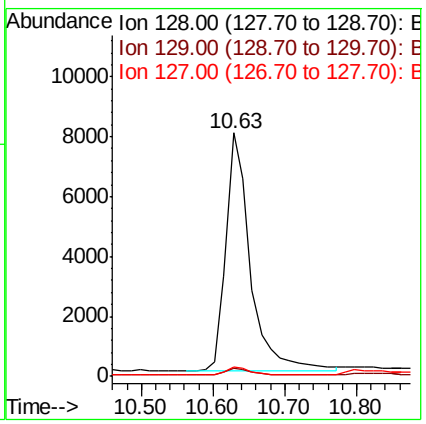


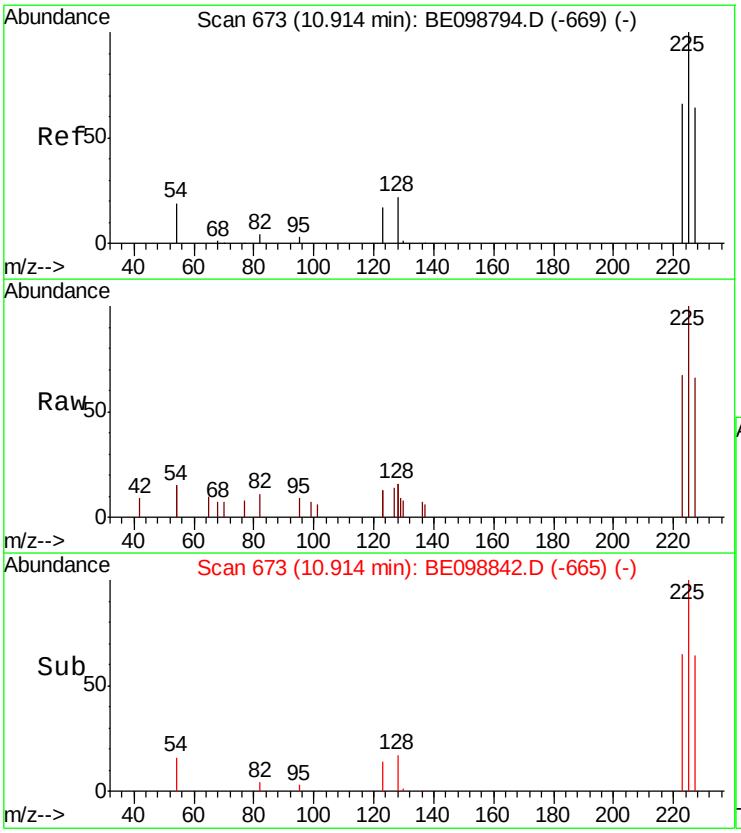
#9
Naphthalene
Concen: 0.393 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 18716

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	4.0
127	3.9	3.1	4.7

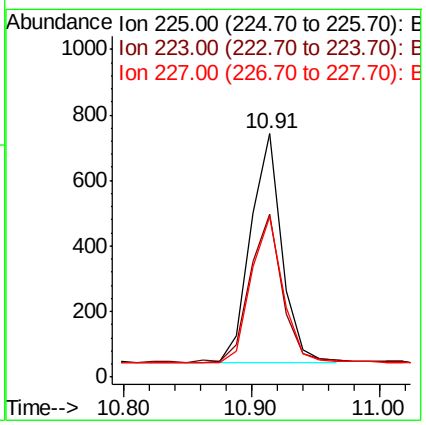


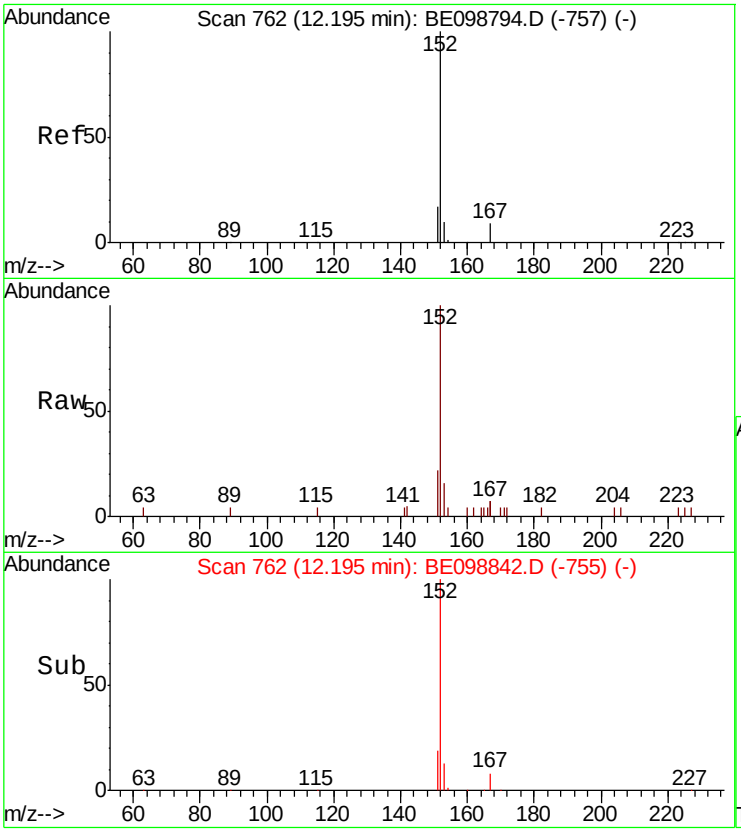


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 10.91 min Scan# 673
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:225 Resp: 1182

Ion	Ratio	Lower	Upper
225	100		
223	66.2	51.1	76.7
227	64.5	51.6	77.4



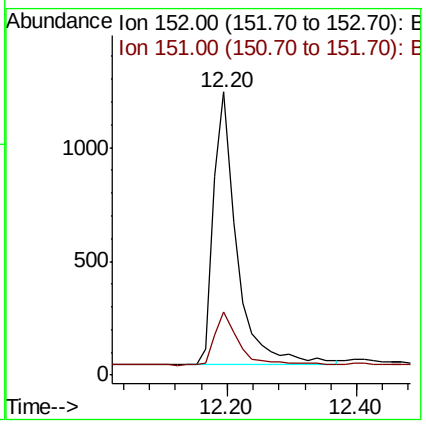


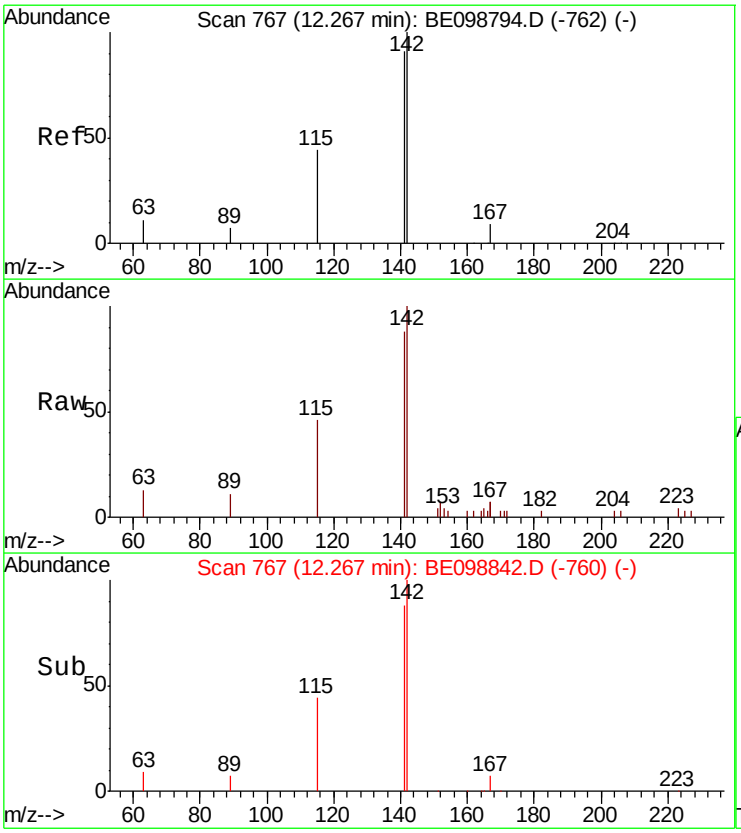
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2959

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7

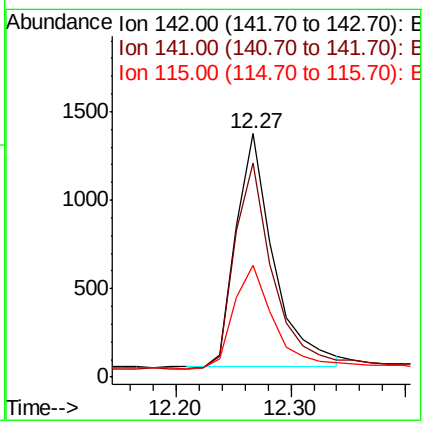


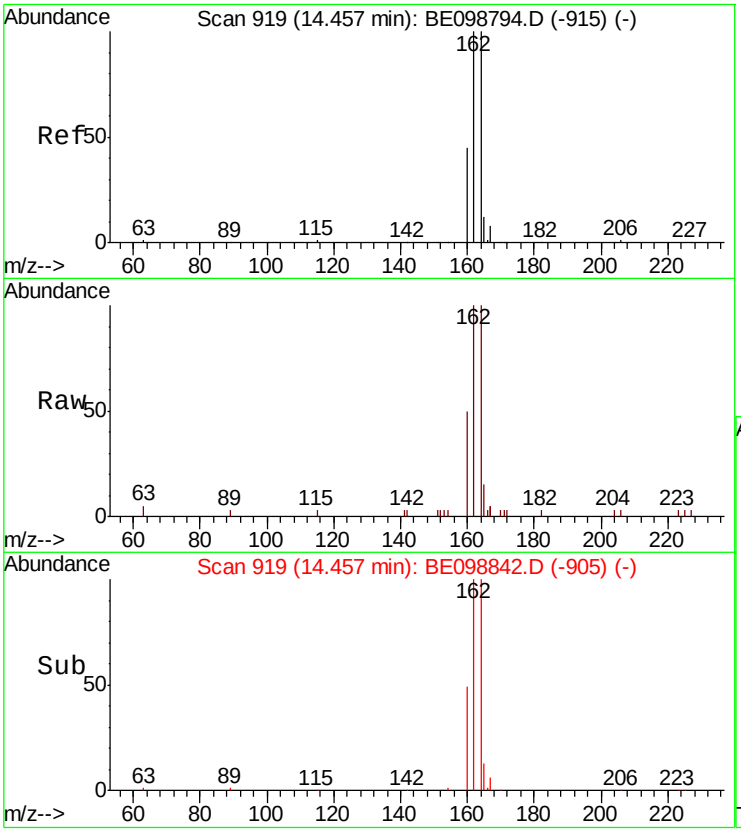


#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:142 Resp: 3010

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	108.8
115	45.9	37.4	56.2



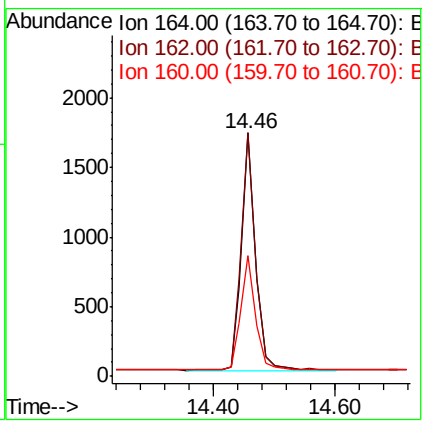


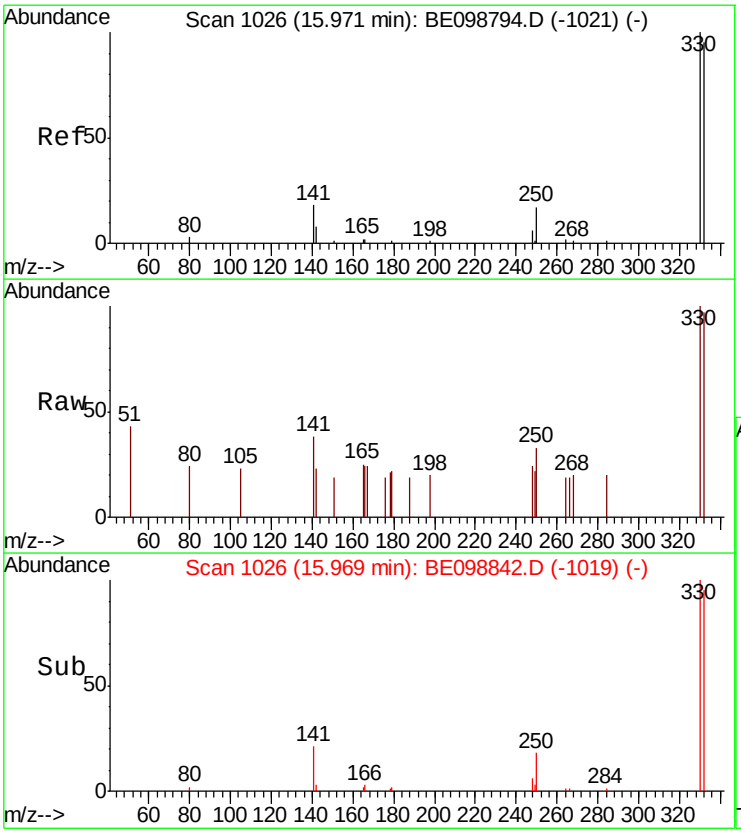
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2764

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	49.8	37.8	56.8

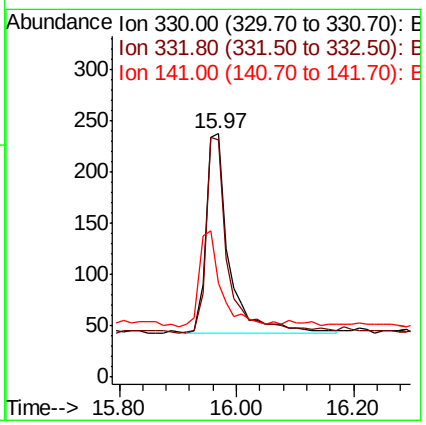


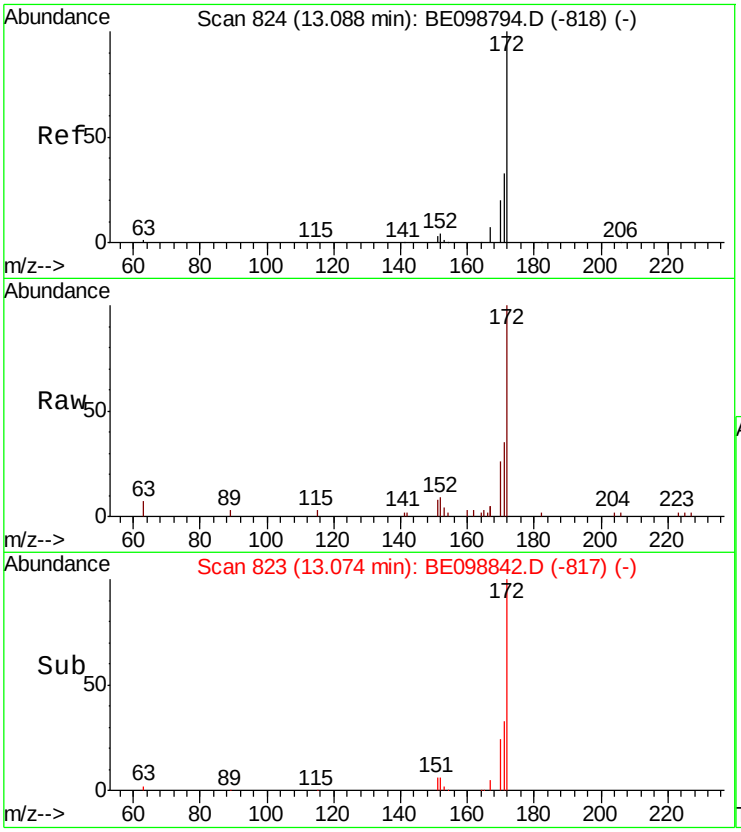


#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:330 Resp: 531

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.6	116.4
141	44.6	31.0	46.4



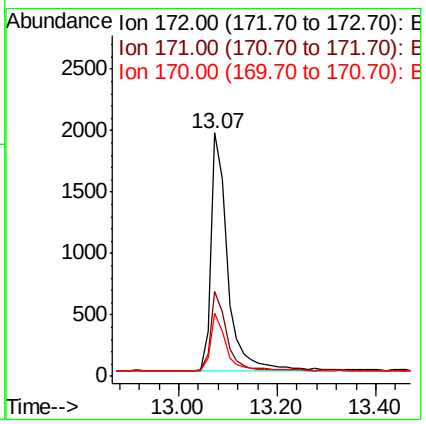


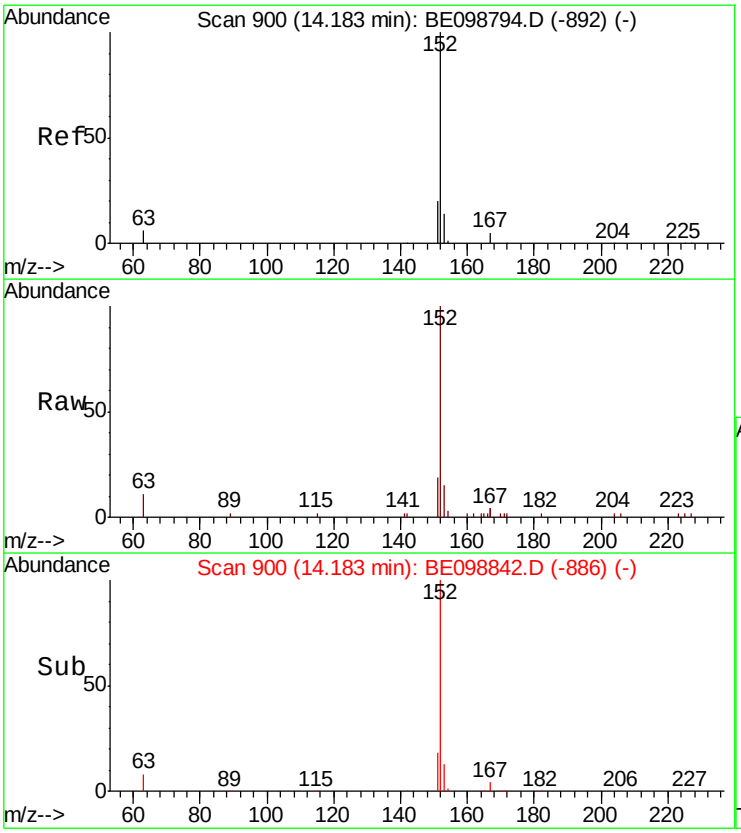
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4514

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	25.7	17.7	26.5

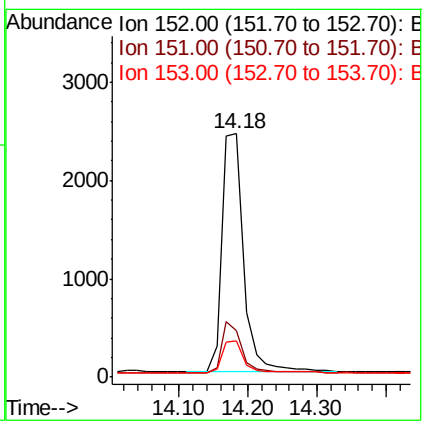


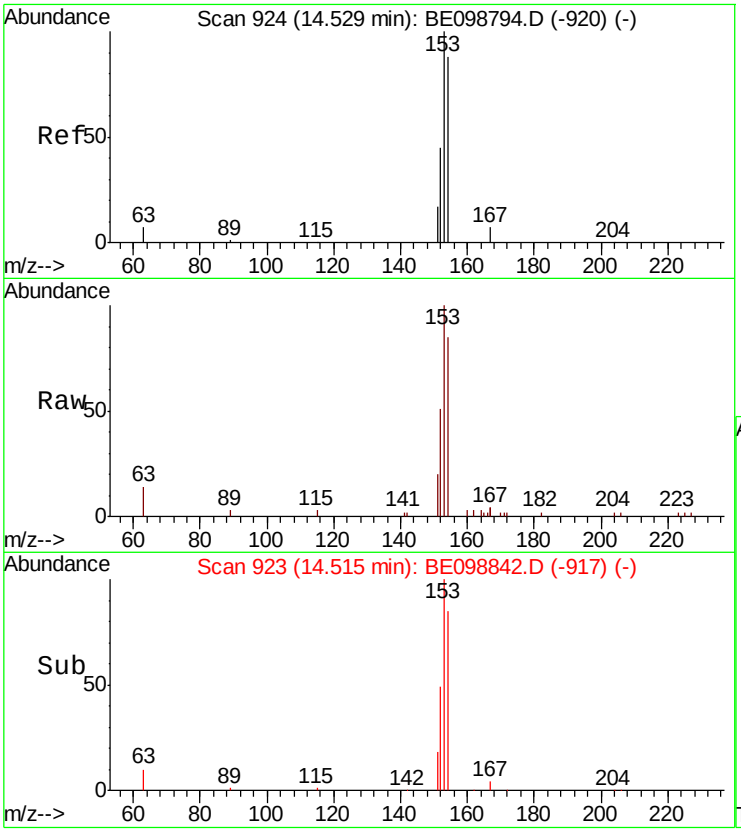


#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:152 Resp: 5316

Ion	Ratio	Lower	Upper
152	100		
151	19.3	17.0	25.6
153	13.4	11.2	16.8



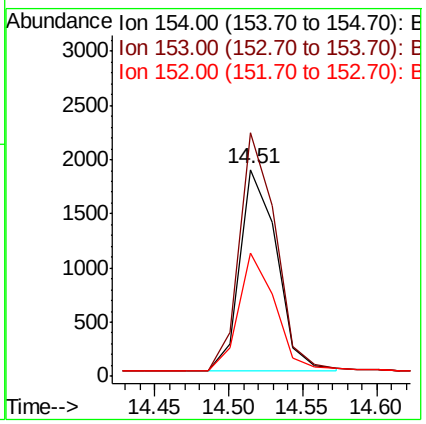


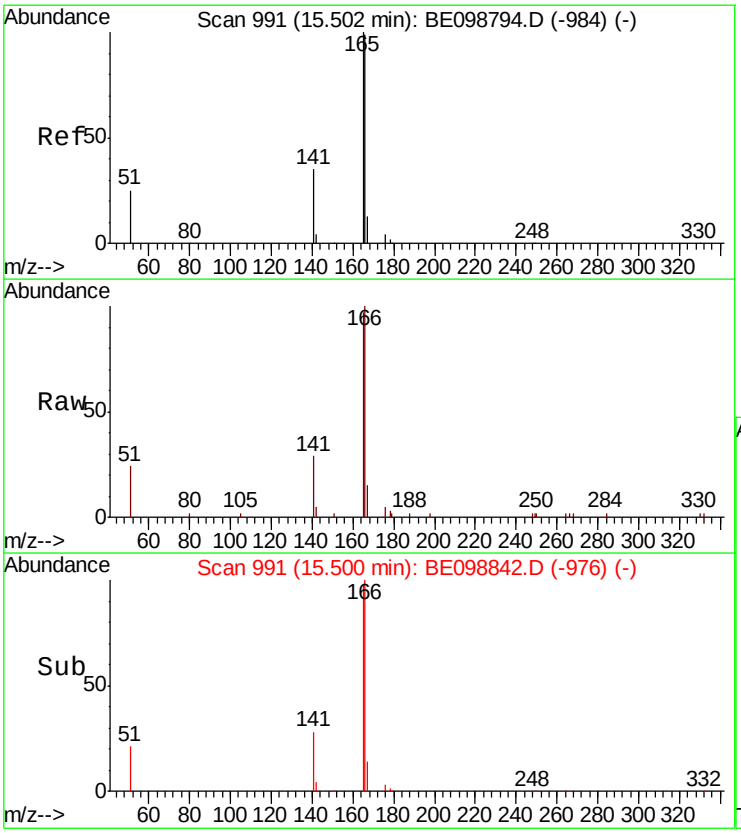
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3268

Ion	Ratio	Lower	Upper
154	100		
153	116.5	94.2	141.4
152	57.2	45.0	67.4

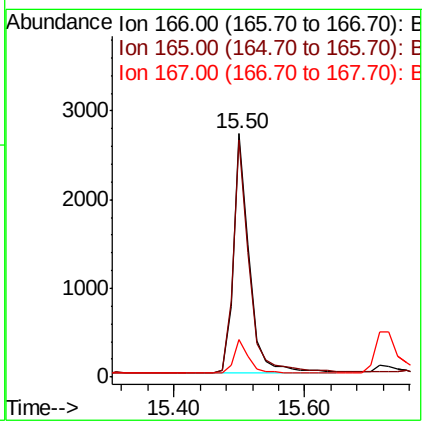


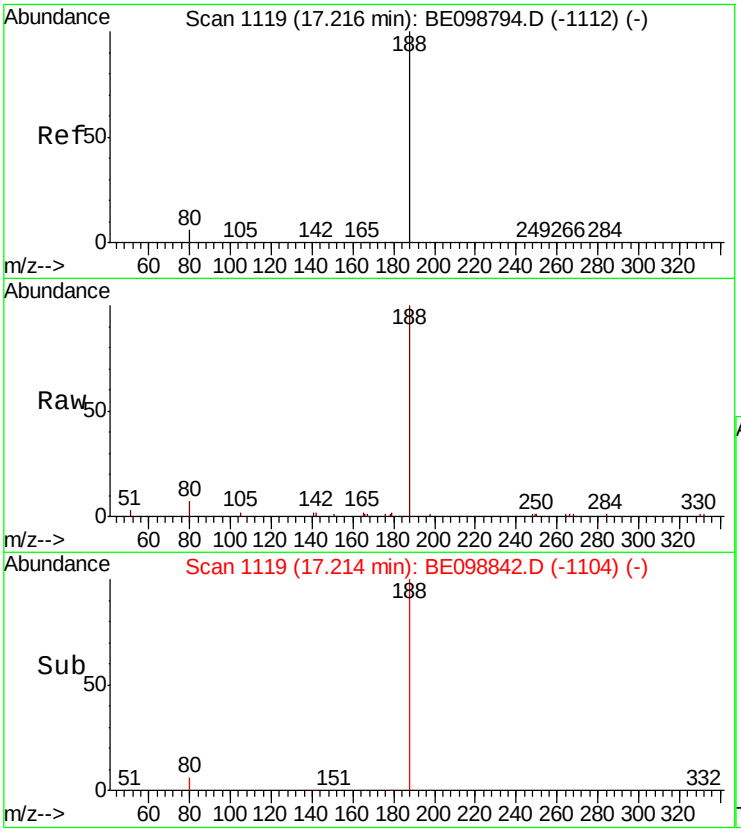


#18
Fluorene
Concen: 0.381 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:166 Resp: 4631

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.3	118.9
167	13.6	10.5	15.7



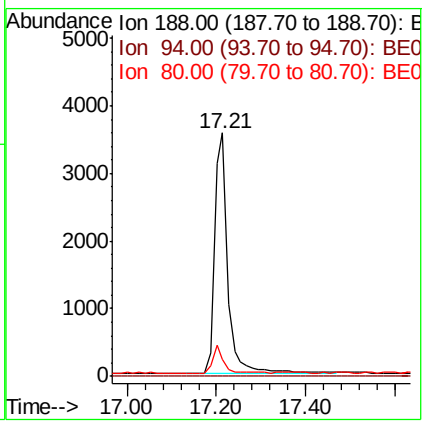


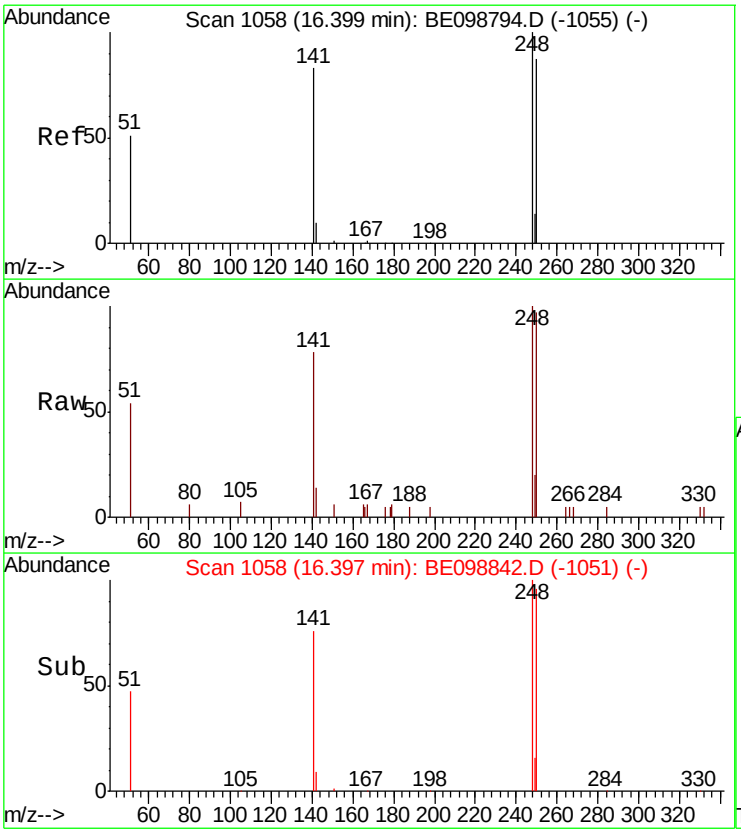
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 7310

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	6.3	9.5

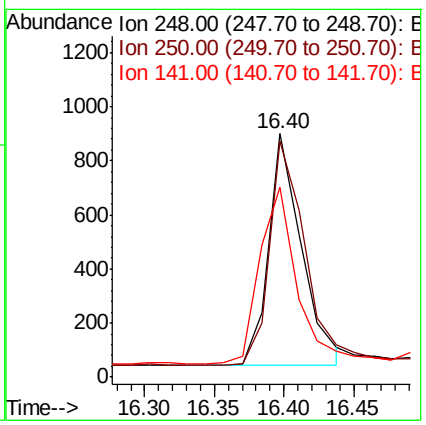


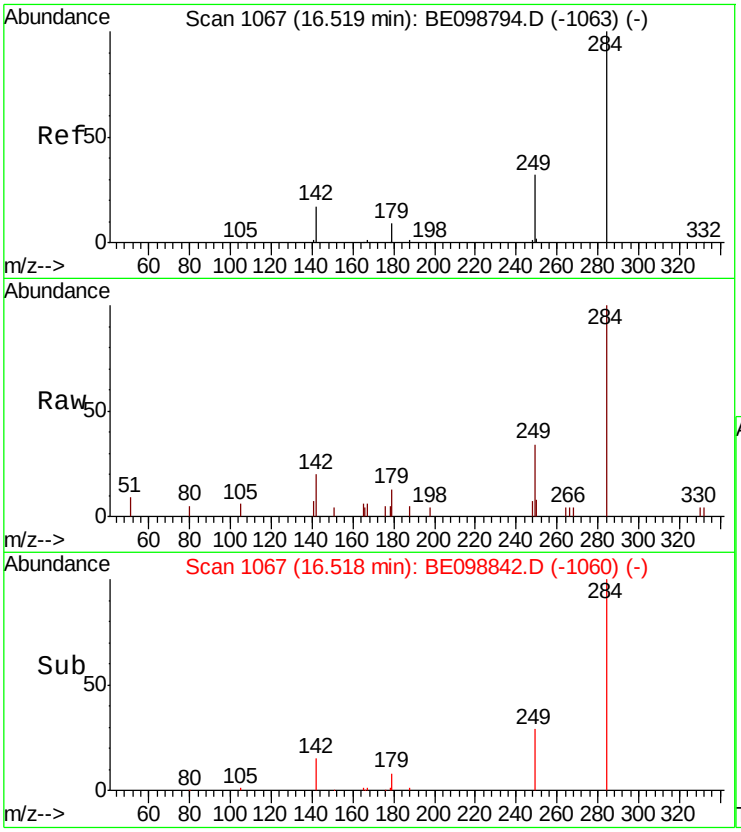


#20
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:248 Resp: 1419

Ion	Ratio	Lower	Upper
248	100		
250	97.1	70.6	105.8
141	78.0	68.6	102.8



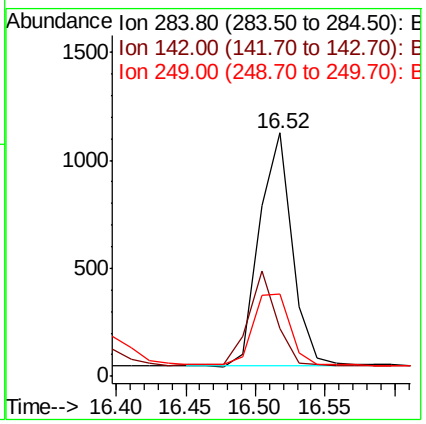


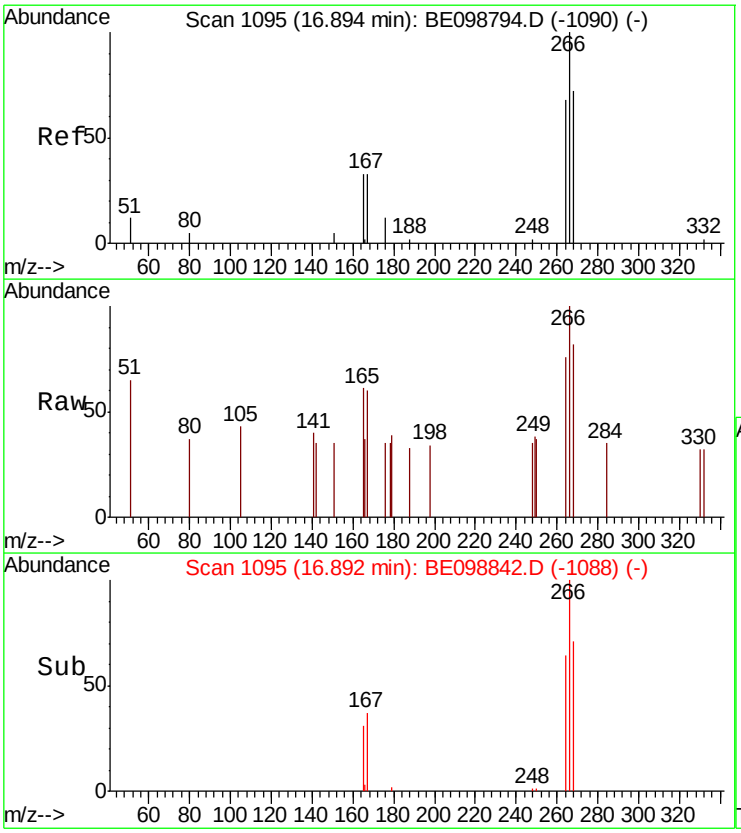
#21
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1768

Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.7	43.1
249	33.7	29.6	44.4

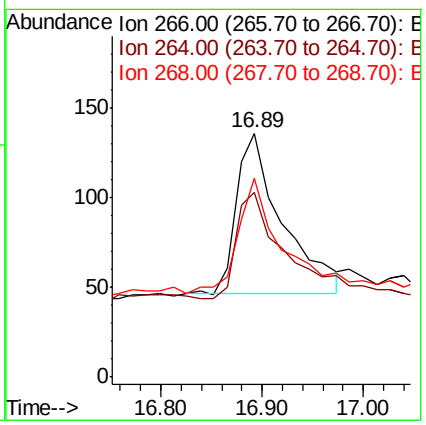


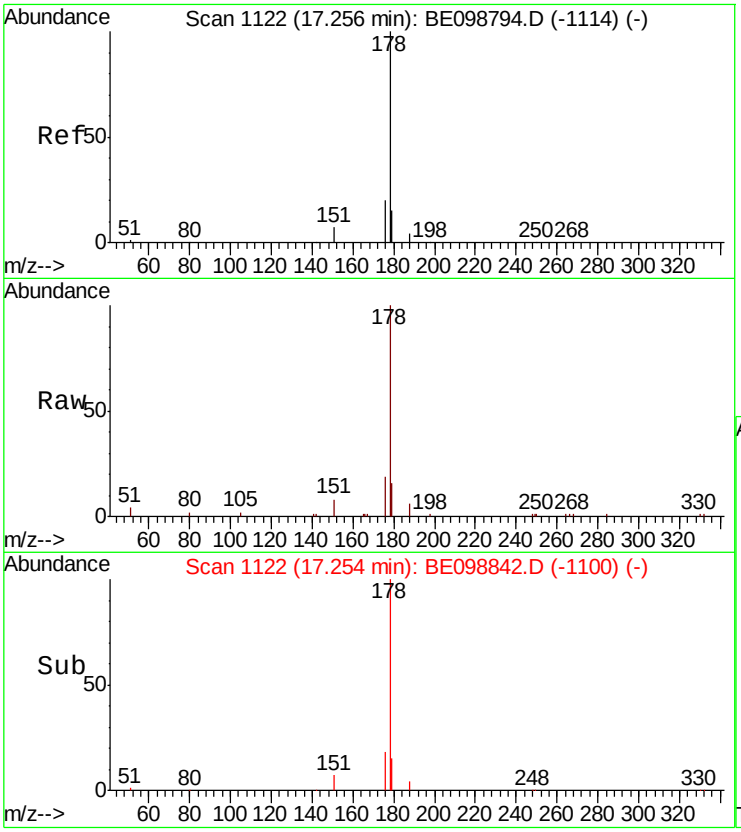


#22
Pentachlorophenol
Concen: 0.437 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:266 Resp: 277

Ion	Ratio	Lower	Upper
266	100		
264	75.7	66.6	100.0
268	81.6	69.8	104.8



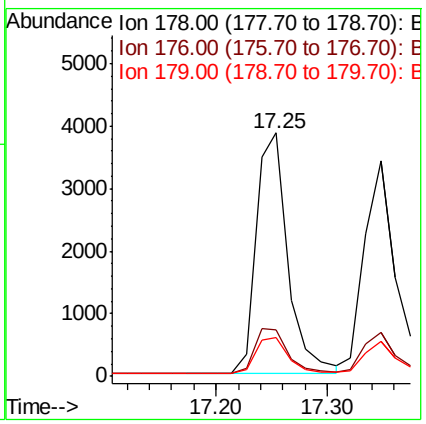


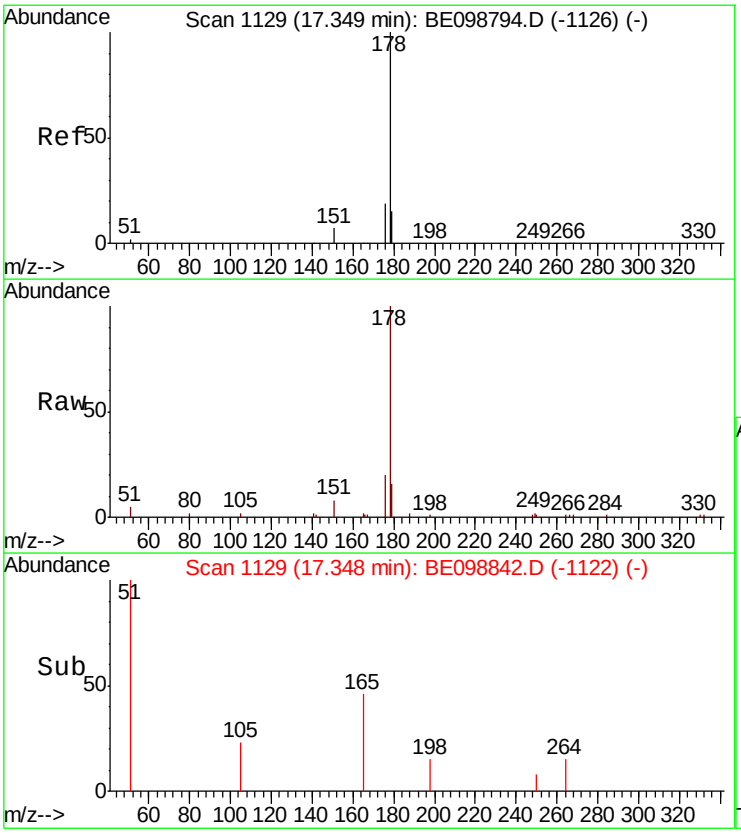
#23
Phenanthrene
Concen: 0.366 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 7608

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.3	12.1	18.1

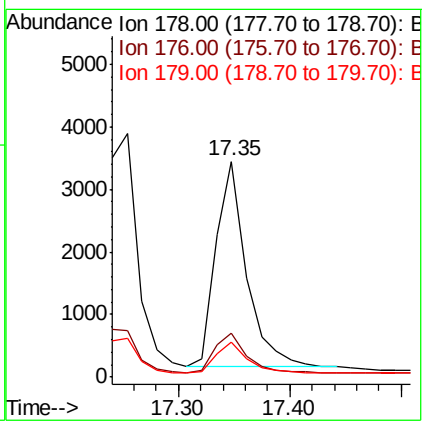


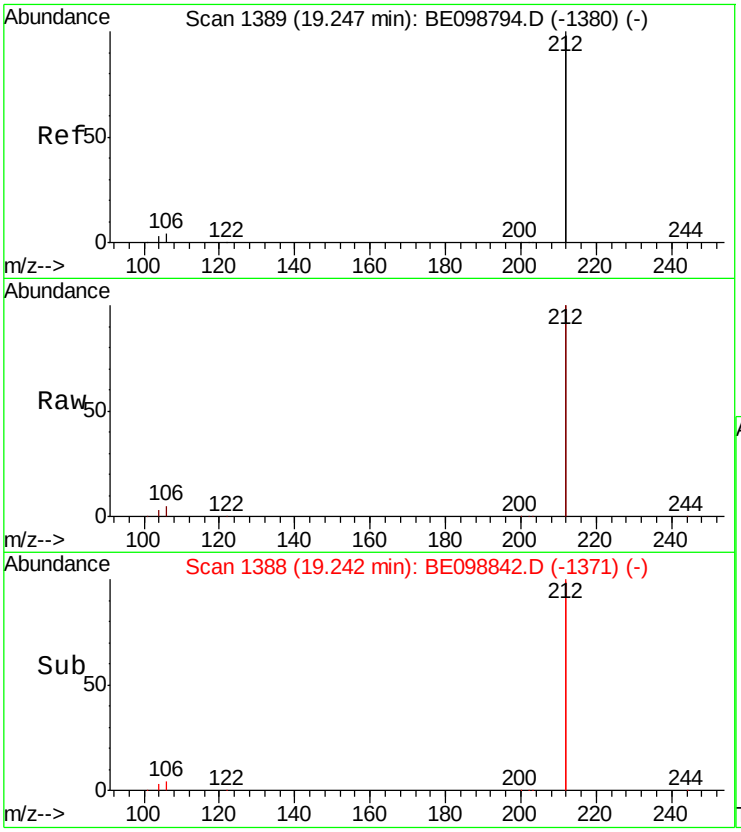


#24
Anthracene
Concen: 0.355 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:178 Resp: 6301

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



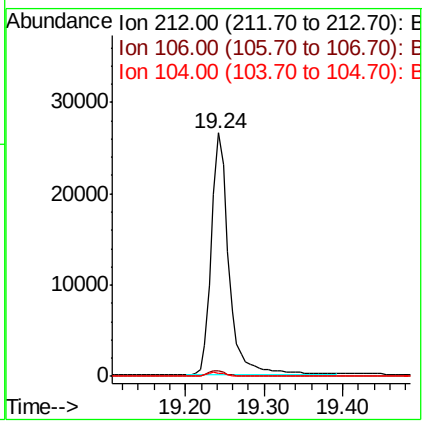


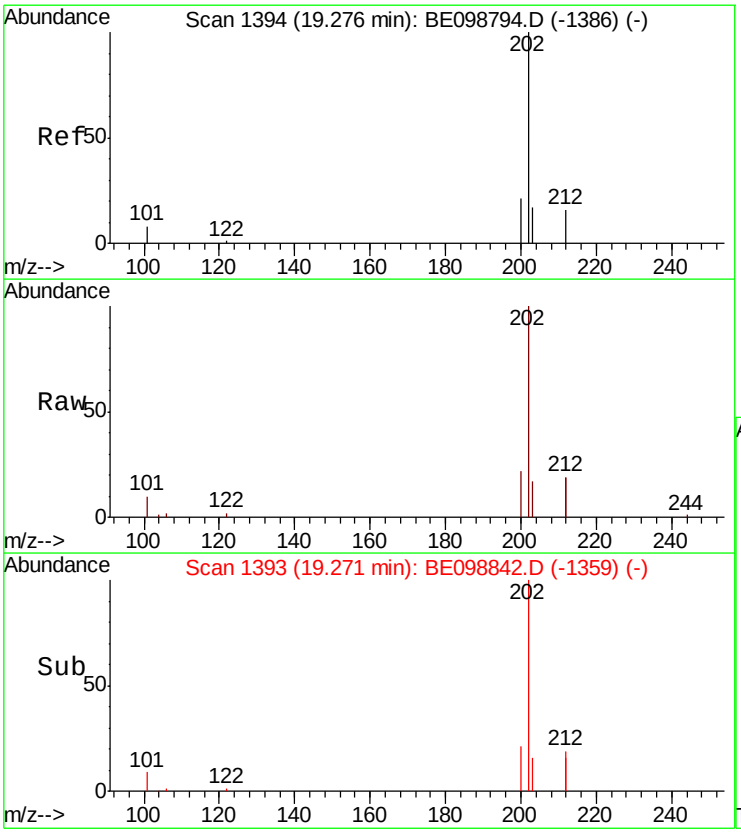
#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 40740

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

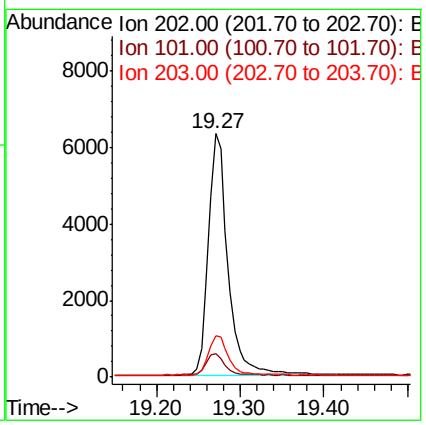


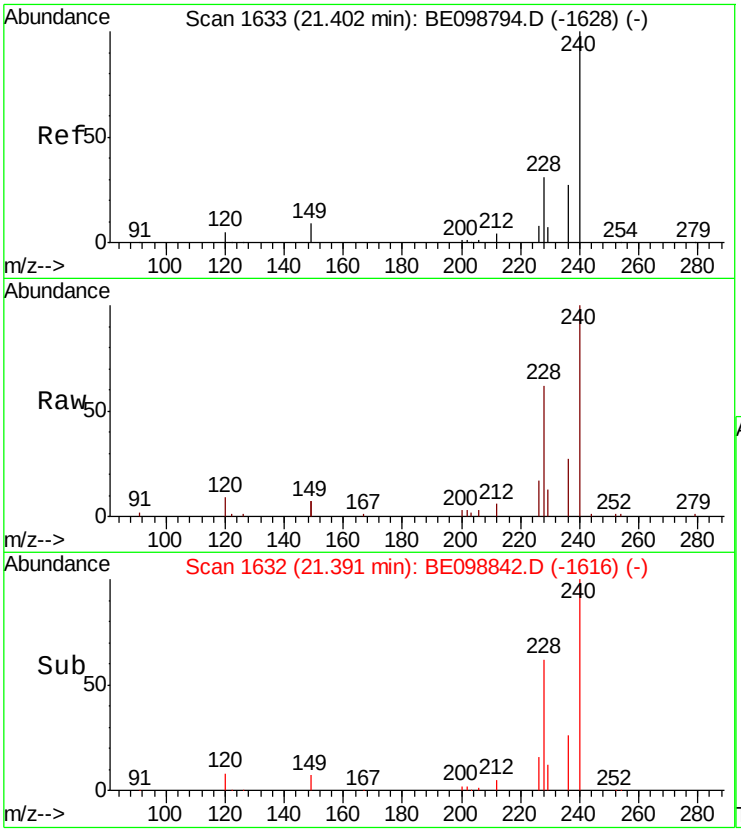


#26
Fluoranthene
Concen: 0.352 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:202 Resp: 10310

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.3	10.9
203	16.7	13.4	20.2



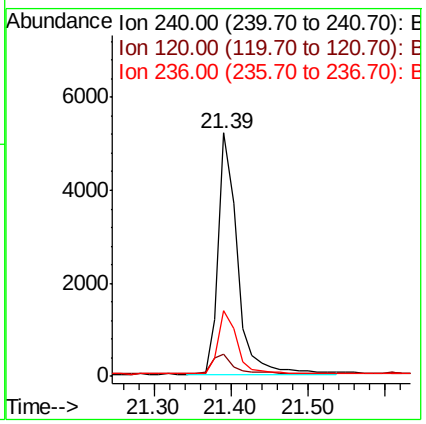


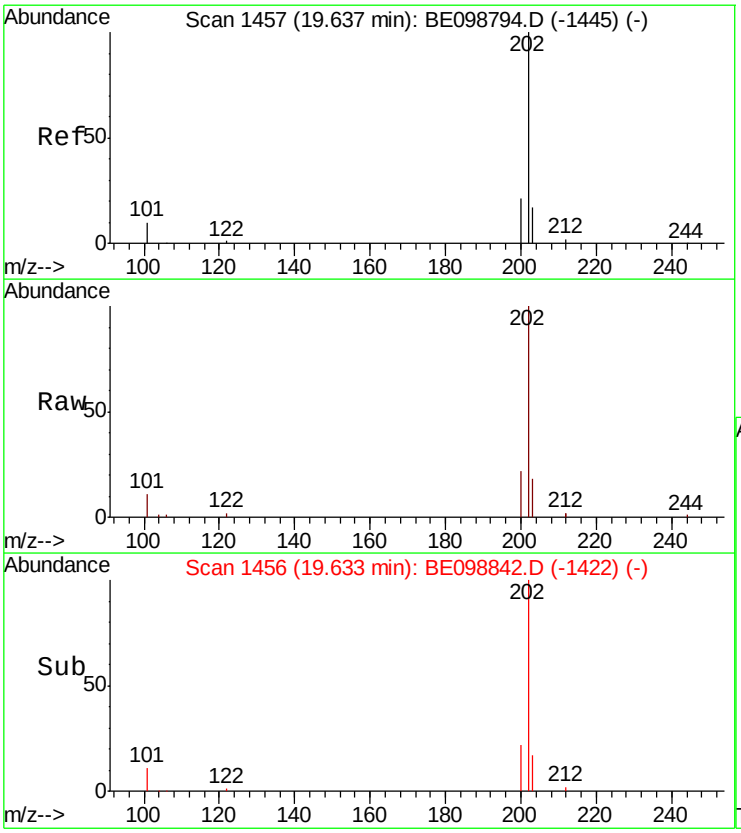
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8875

Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.0	7.4#
236	27.1	22.7	34.1

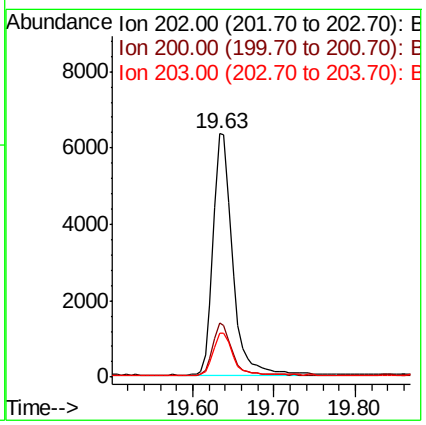


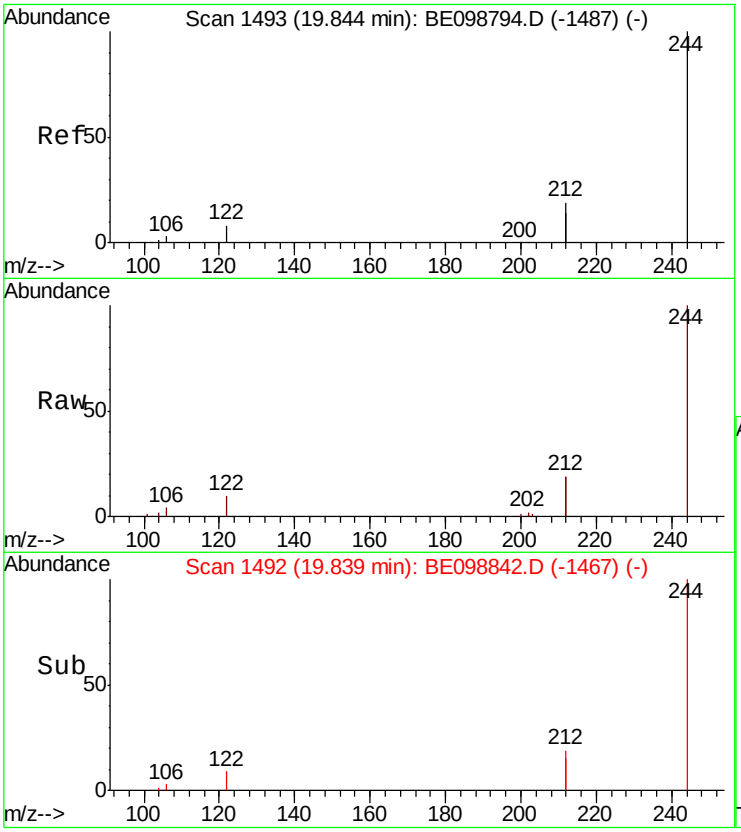


#28
Pyrene
Concen: 0.390 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:202 Resp: 10583

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.9	14.2	21.2



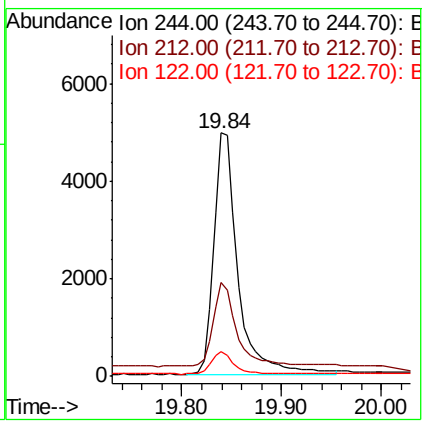


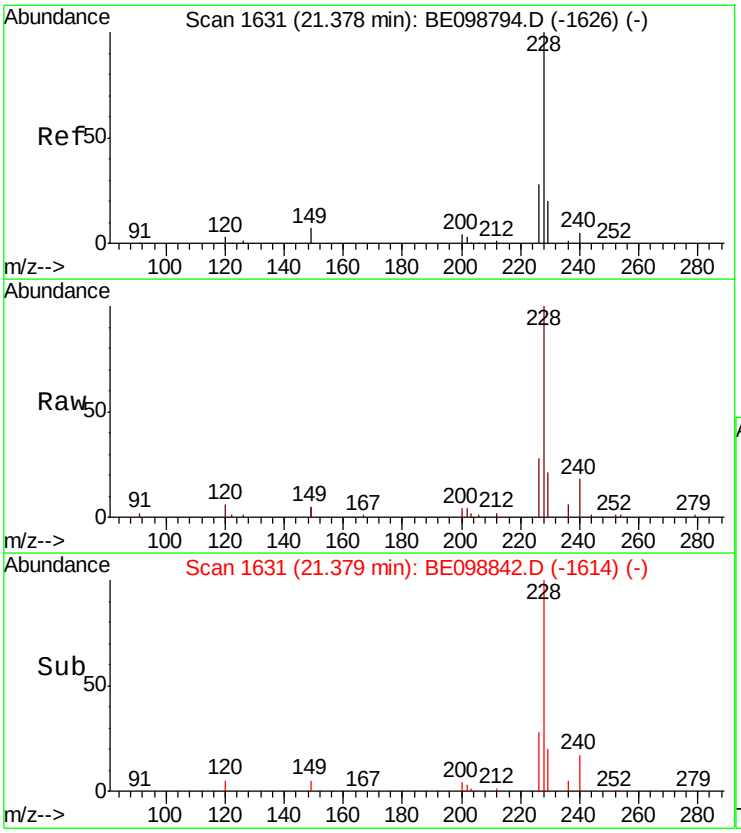
#29
Terphenyl-d14
Concen: 0.382 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 8244

Ion	Ratio	Lower	Upper
244	100		
212	38.5	29.4	44.2
122	10.0	7.1	10.7

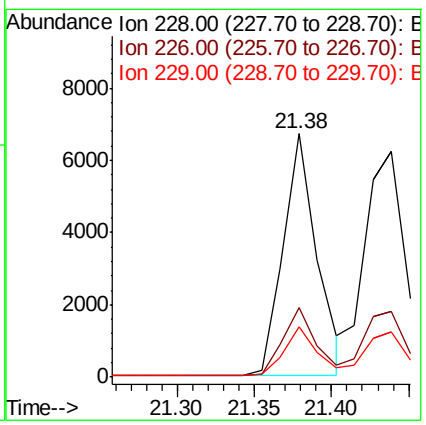


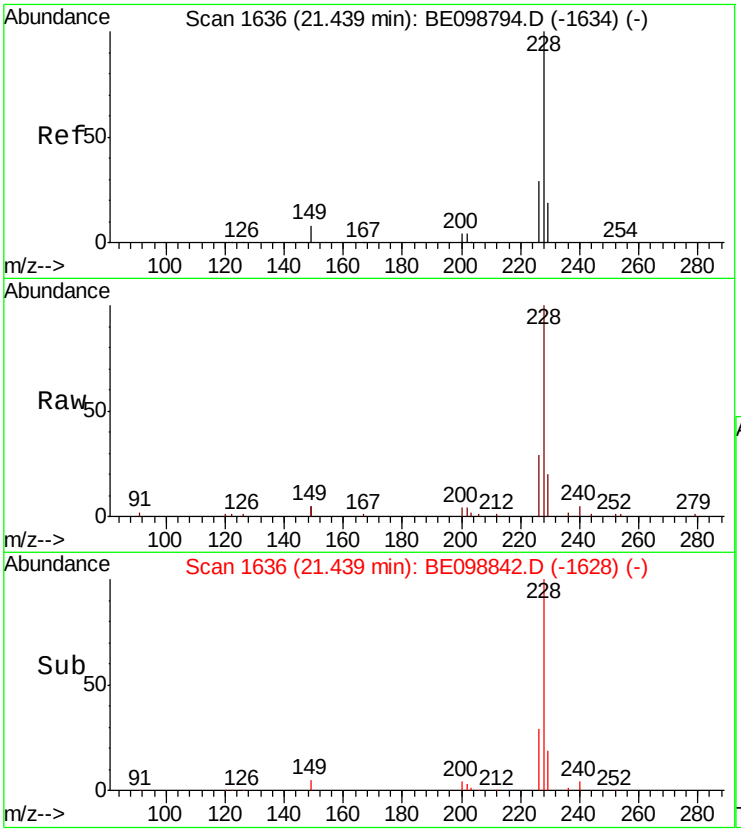


#30
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:228 Resp: 10194

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.7	16.5	24.7



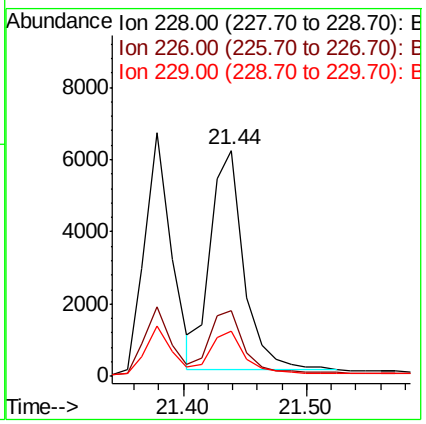


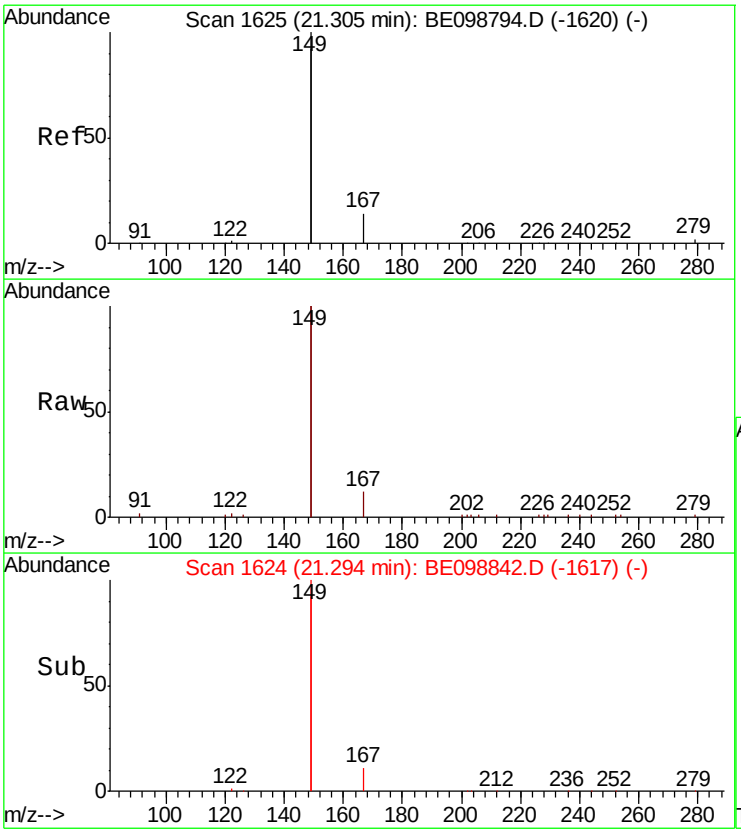
#31
Chrysene
Concen: 0.386 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 11450

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	20.1	16.1	24.1

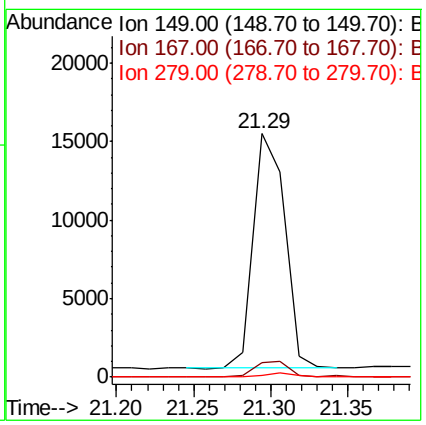


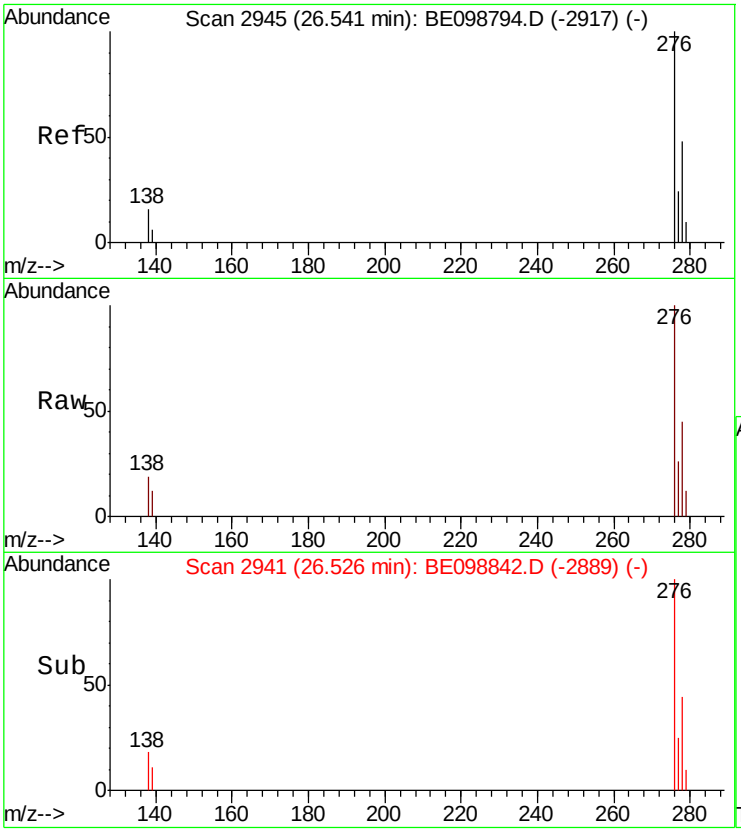


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.361 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:149 Resp: 21296

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.1	1.0	1.4



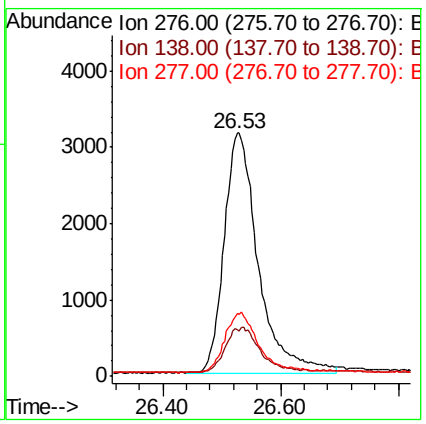


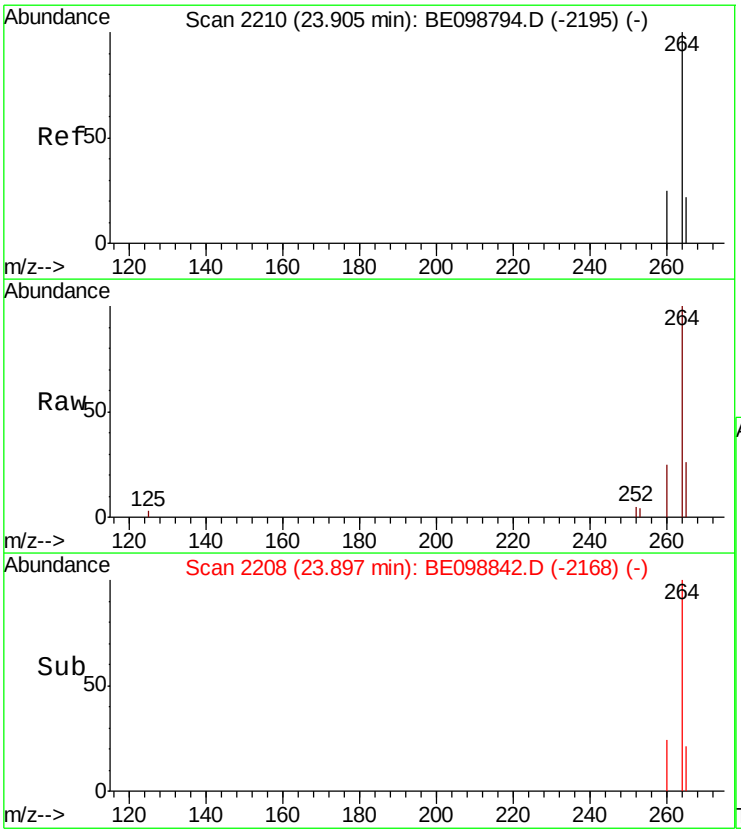
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12610

Ion	Ratio	Lower	Upper
276	100		
138	18.9	13.8	20.8
277	24.8	19.5	29.3

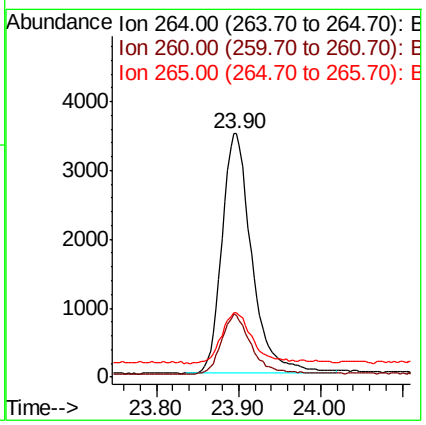


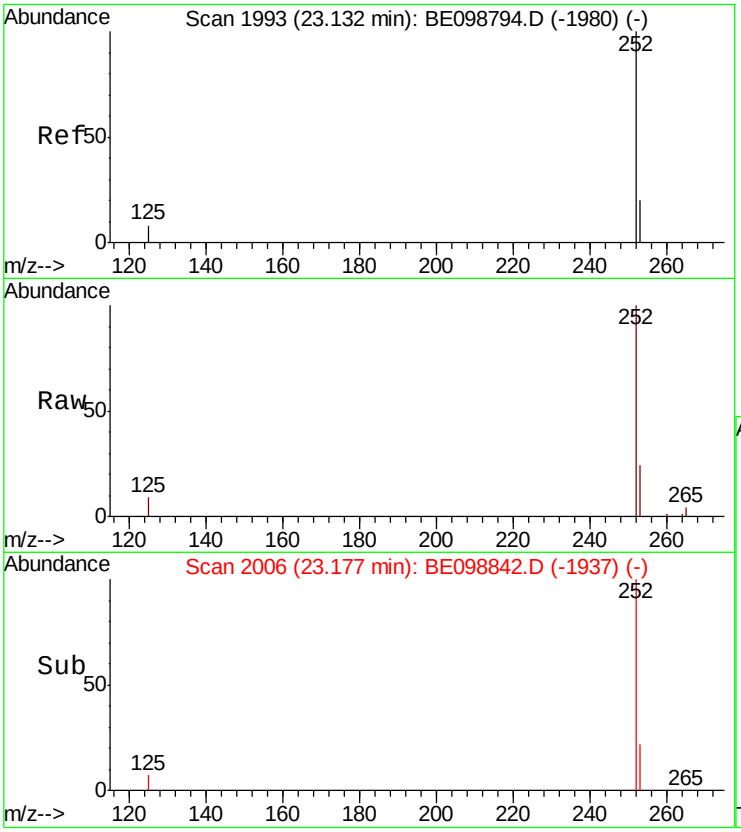


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:264 Resp: 8855

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.2	31.8
265	26.3	24.6	36.8



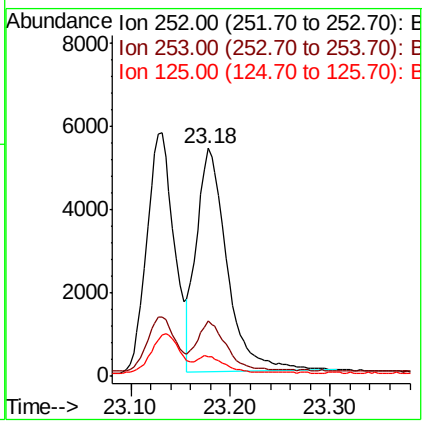


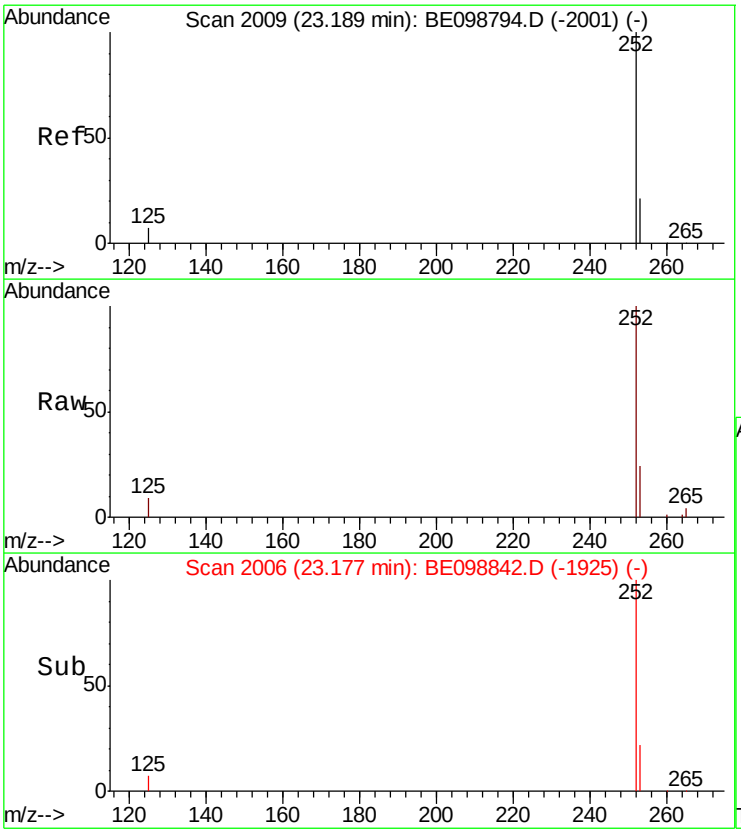
#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11432

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	8.7	7.3	10.9

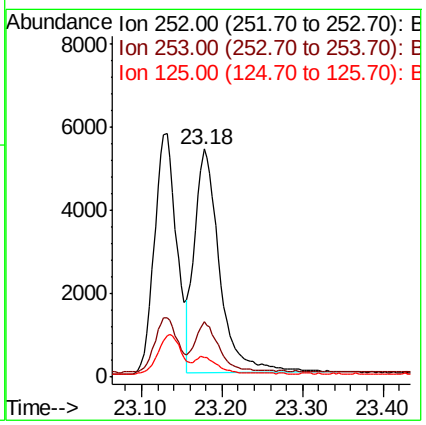


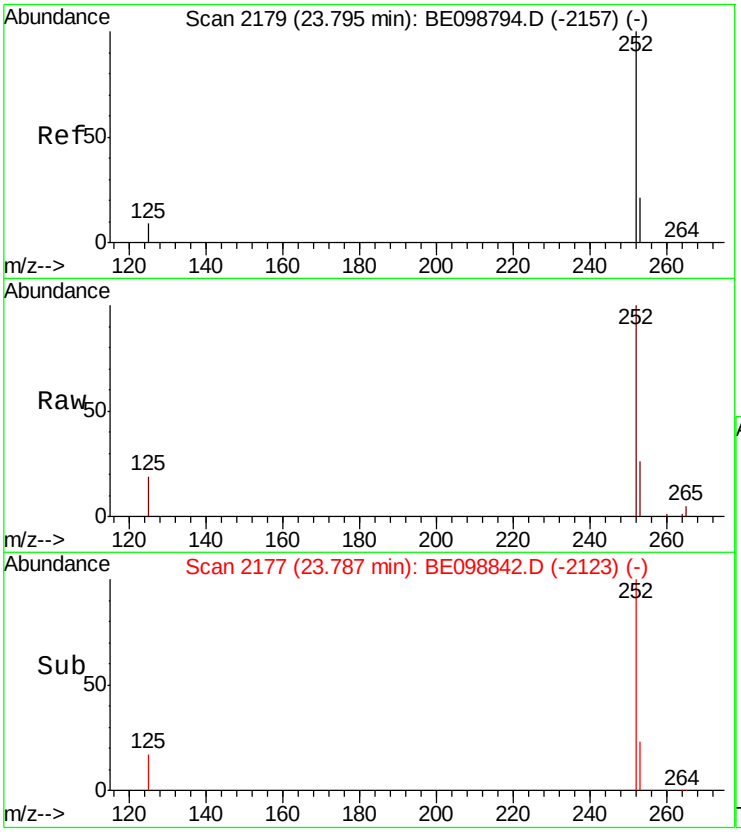


#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:252 Resp: 11725

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.3	28.9
125	8.7	7.5	11.3



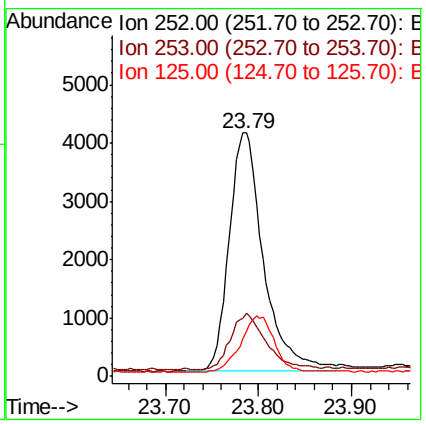


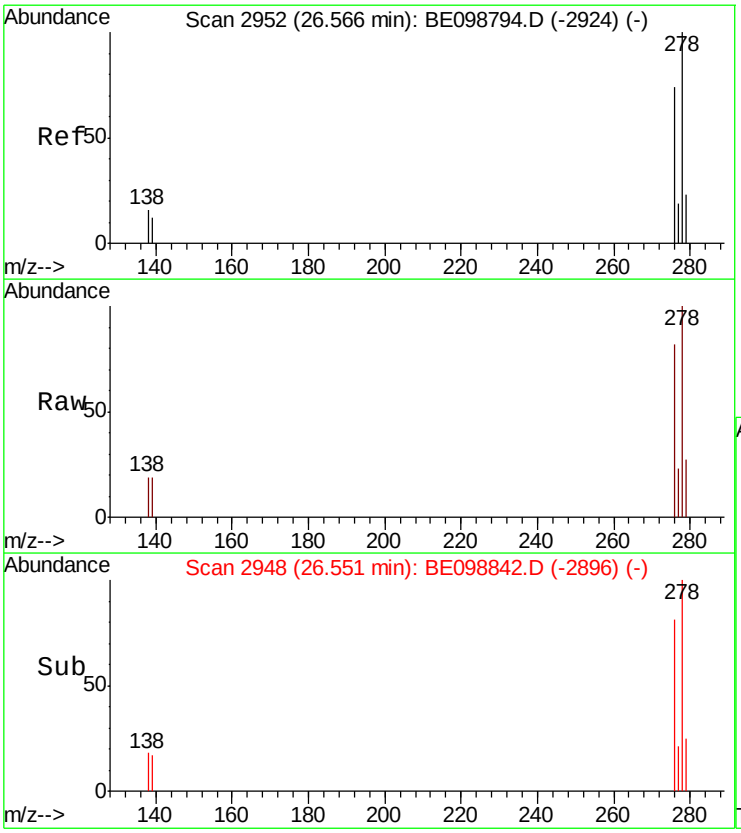
#37
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10540

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.9	29.9
125	18.6	9.0	13.4#

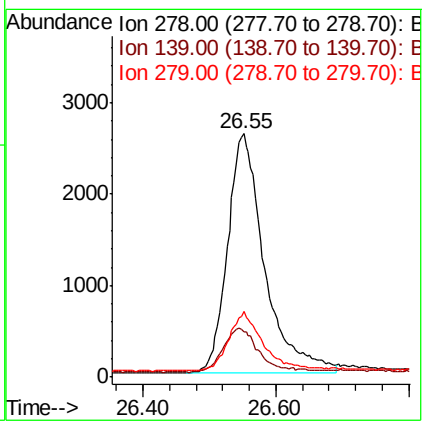


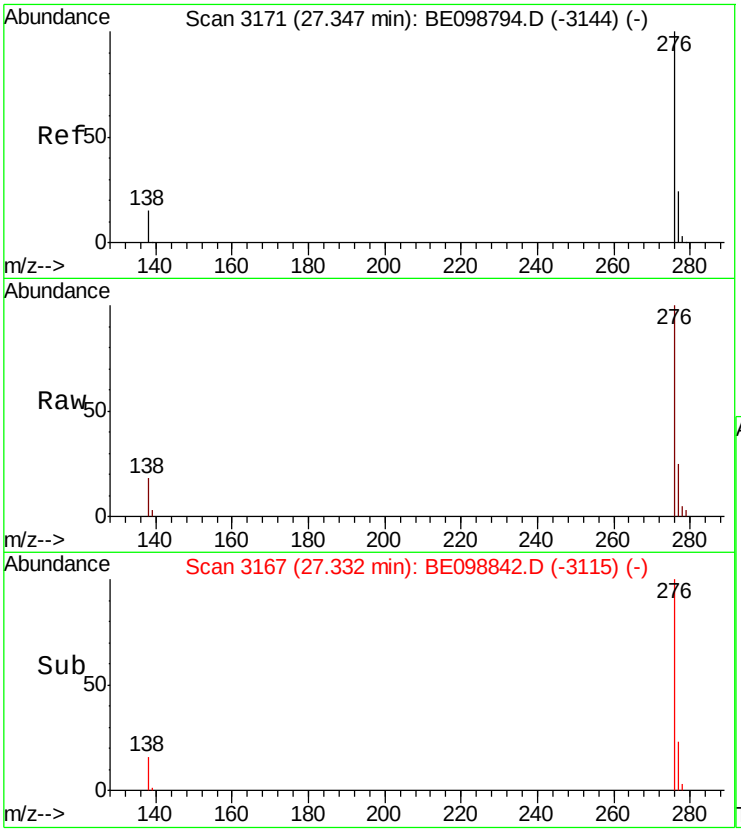


#38
Dibenzo(a,h)anthracene
Concen: 0.380 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Tgt Ion:278 Resp: 10046

Ion	Ratio	Lower	Upper
278	100		
139	18.6	11.8	17.6#
279	27.1	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 27.33 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BE098842.D
Acq: 8 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10279

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.4	30.6
138	17.9	13.6	20.4