Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\Be022119\
Data File : BE098746.D
Acq On : 21 Feb 2019 13:10
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 25 03:51:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.803	152	949	0.40	ng		0.00
7) Naphthalene-d8	10.602	136	4343	0.40	ng		0.00
13) Acenaphthene-d10	14.471	164	2979	0.40	ng		0.00
19) Phenanthrene-d10	17.227	188	6921	0.40	ng		0.00
27) Chrysene-d12	21.414	240	7599	0.40	ng		0.00
34) Perylene-d12	23.923	264	7246	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.408	112	1163	0.41	ng		0.00
5) Phenol-d6	6.997	99	1721	0.42	ng		0.00
8) Nitrobenzene-d5	8.978	82	1735	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.209	152	3288	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	549	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.102	172	4645	0.36	ng		0.00
25) Fluoranthene-d10	19.259	212	38900	0.39	ng		0.00
29) Terphenyl-d14	19.856	244	7480	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	647	0.36	ng		91
3) n-Nitrosodimethylamine	3.646	42	843	0.38	ng	#	91
6) bis(2-Chloroethyl)ether	7.239	93	1184	0.42	ng		83
9) Naphthalene	10.654	128	19554	0.39	ng		100
10) Hexachlorobutadiene	10.927	225	1254	0.38	ng		94
12) 2-Methylnaphthalene	12.281	142	3275	0.40	ng		97
16) Acenaphthylene	14.197	152	5754	0.38	ng		99
17) Acenaphthene	14.543	154	3436	0.38	ng		99
18) Fluorene	15.514	166	4755	0.39	ng		99
20) 4-Bromophenyl-phenylether	16.411	248	1577	0.39	ng		85
21) Hexachlorobenzene	16.531	284	1826	0.38	ng		99
22) Pentachlorophenol	16.893	266	435	0.35	ng		95
23) Phenanthrene	17.267	178	7406	0.39	ng		99
24) Anthracene	17.361	178	6266	0.39	ng		99
26) Fluoranthene	19.287	202	9595	0.39	ng		100
28) Pyrene	19.649	202	9900	0.41	ng		99
30) Benzo(a)anthracene	21.390	228	9500	0.41	ng		98
31) Chrysene	21.451	228	9529	0.38	ng		100
32) Bis(2-ethylhexyl)phtha...	21.318	149	22580	0.53	ng		100
33) Indeno(1,2,3-cd)pyrene	26.569	276	9407	0.36	ng	#	91
35) Benzo(b)fluoranthene	23.200	252	9439	0.40	ng		99
36) Benzo(k)fluoranthene	23.200	252	9439	0.38	ng		99
37) Benzo(a)pyrene	23.809	252	8723	0.39	ng		97
38) Dibenzo(a,h)anthracene	26.598	278	7283	0.35	ng	#	94
39) Benzo(g,h,i)perylene	27.386	276	8228	0.36	ng		97

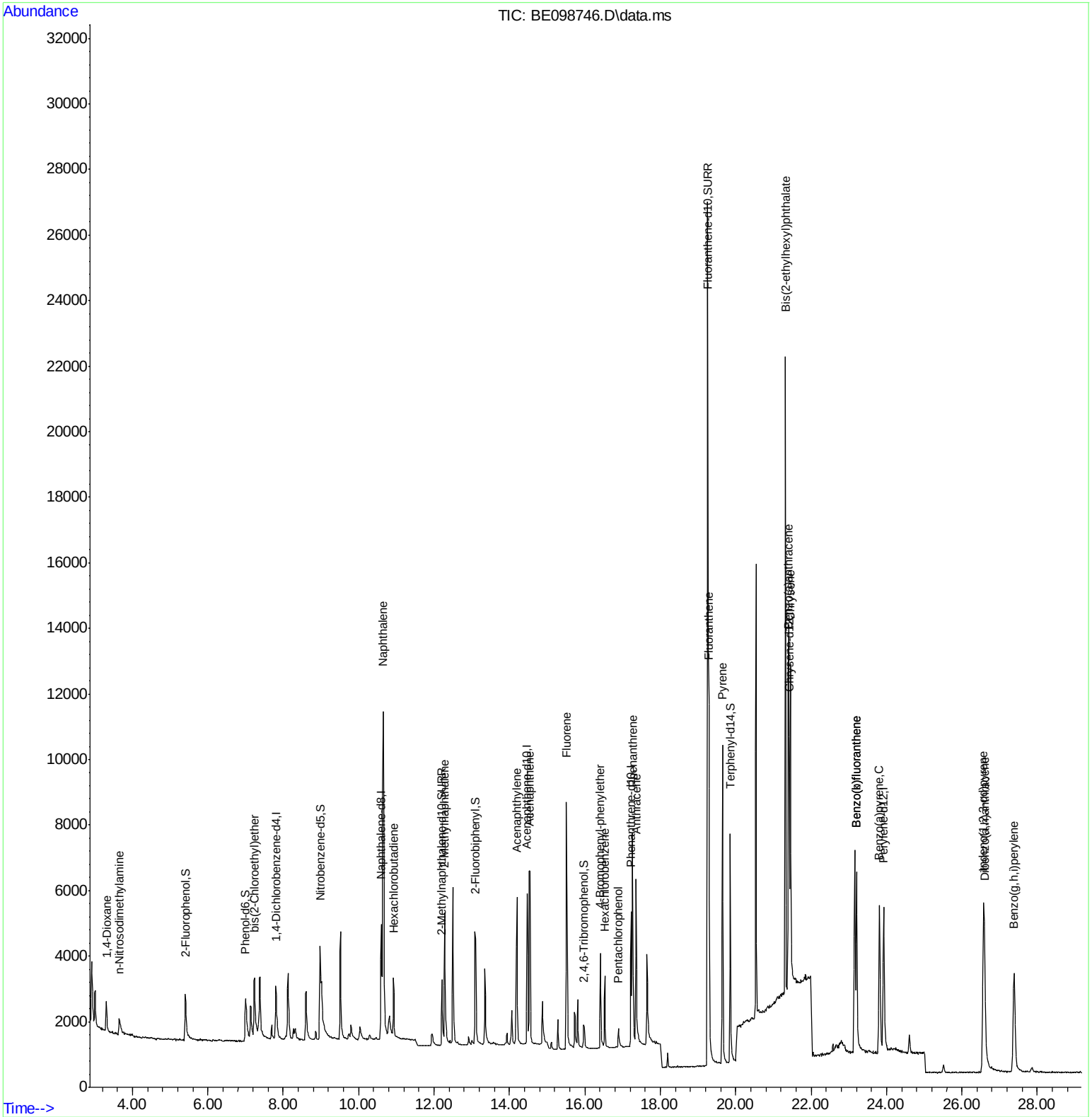
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

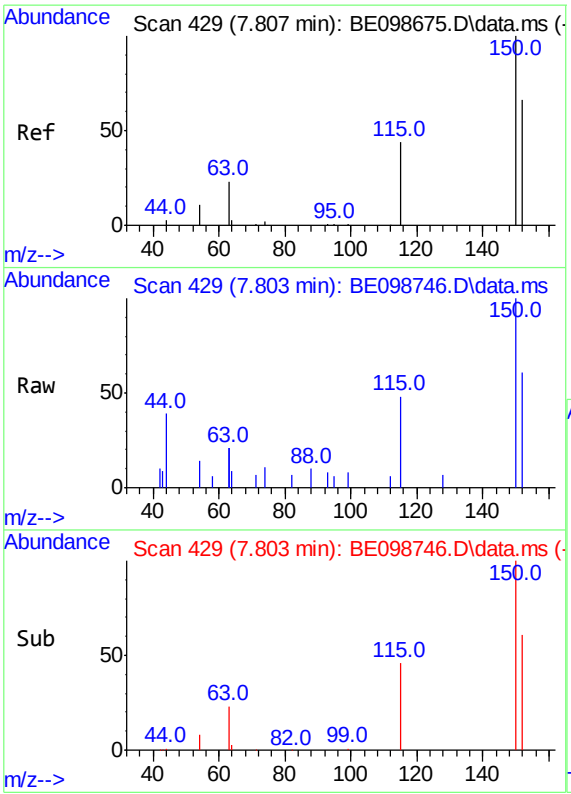
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\Be022119\
Data File : BE098746.D
Acq On : 21 Feb 2019 13:10
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 25 03:51:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration



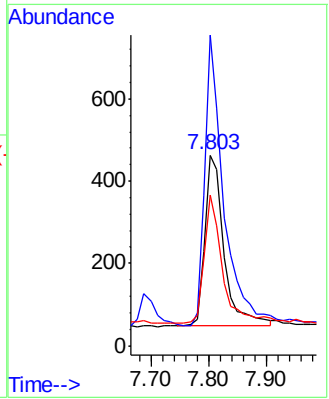
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

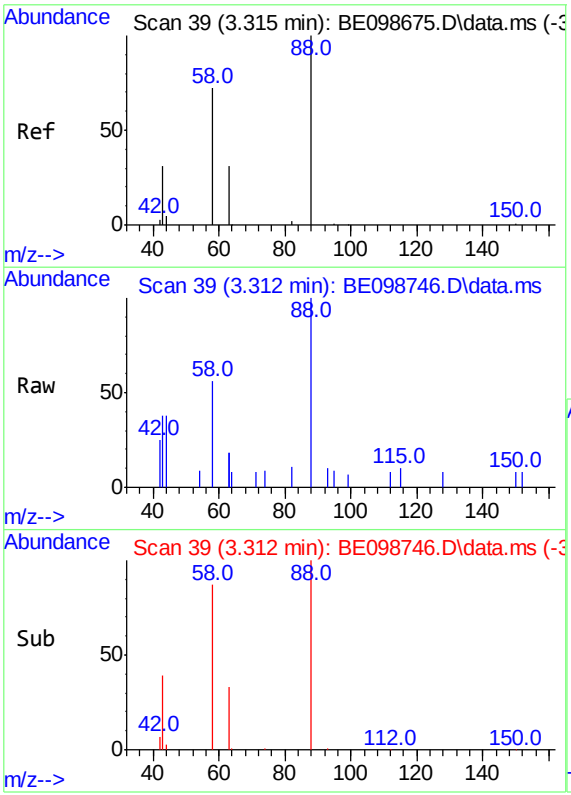


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.803 min Scan# 429
Delta R.T. -0.004 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:152 Resp: 949

Ion	Ratio	Lower	Upper
152	100		
150	162.7	121.4	182.2
115	78.9	59.1	88.7

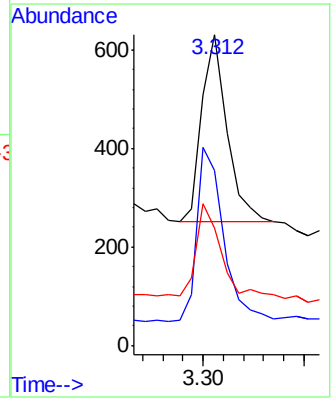




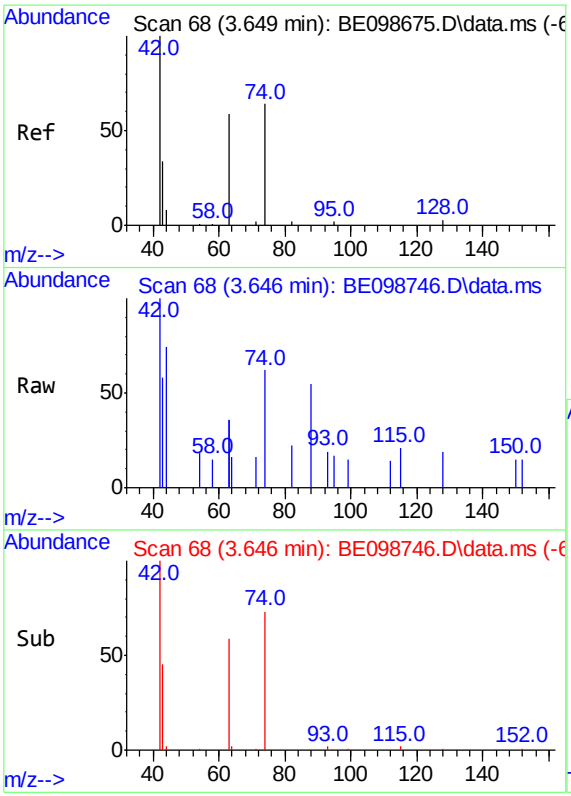
#2
1,4-Dioxane
Concen: 0.36 ng
RT: 3.312 min Scan# 39
Delta R.T. -0.003 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion: 88 Resp: 647

Ion	Ratio	Lower	Upper
88	100		
58	99.2	73.9	110.9
43	45.9	43.7	65.5



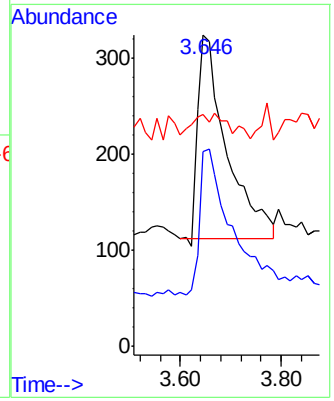
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

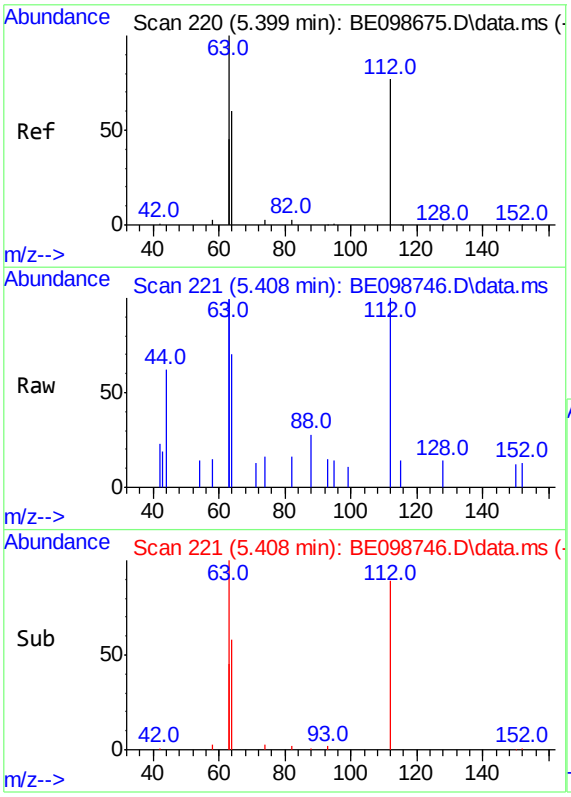


#3
n-Nitrosodimethylamine
Concen: 0.38 ng
RT: 3.646 min Scan# 68
Delta R.T. -0.003 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion: 42 Resp: 843

Ion	Ratio	Lower	Upper
42	100		
74	80.8	58.9	88.3
44	5.7	0.0	0.0#

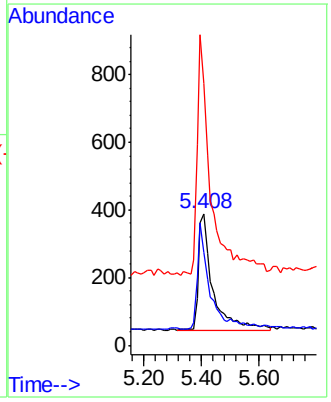




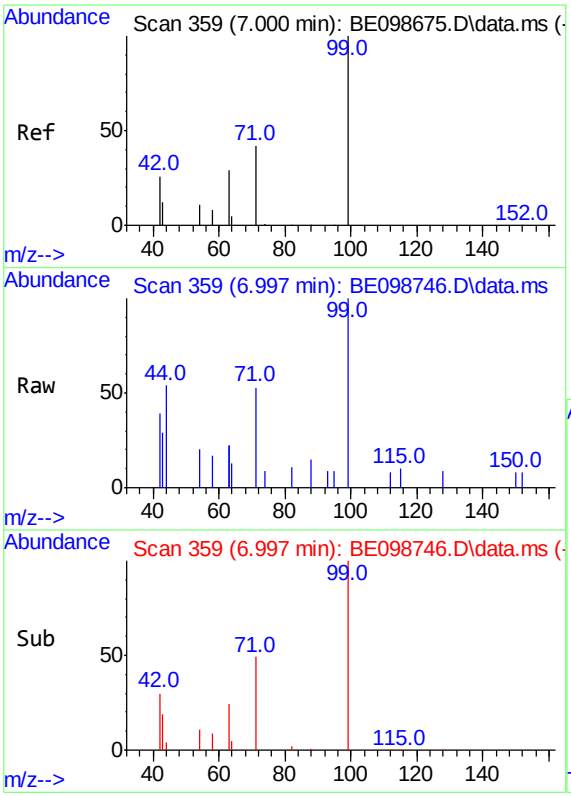
#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.408 min Scan# 221
Delta R.T. 0.009 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:112 Resp: 1163

Ion	Ratio	Lower	Upper
112	100		
64	72.1	62.9	94.3
63	201.6	152.2	228.4



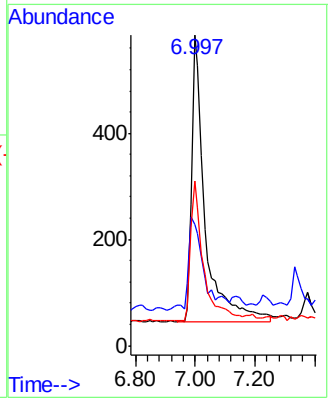
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

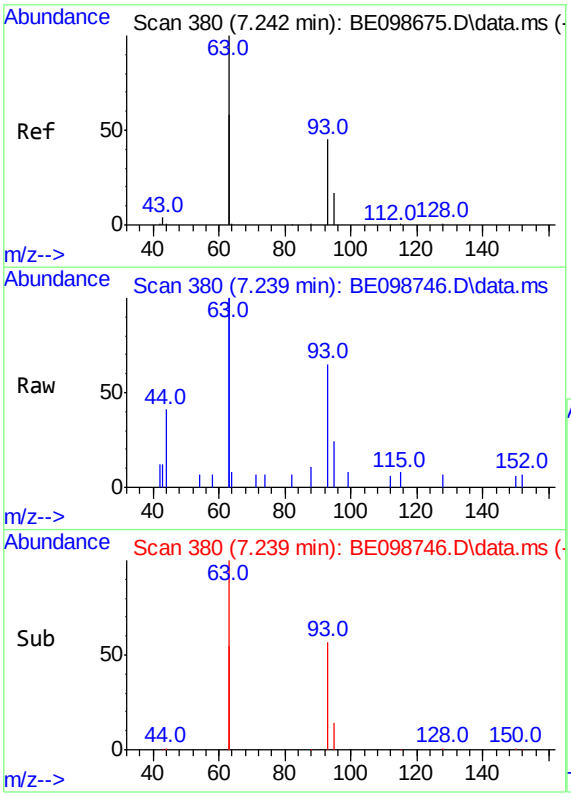


#5
Phenol-d6
Concen: 0.42 ng
RT: 6.997 min Scan# 359
Delta R.T. -0.003 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion: 99 Resp: 1721

Ion	Ratio	Lower	Upper
99	100		
42	35.0	24.6	37.0
71	46.5	35.1	52.7

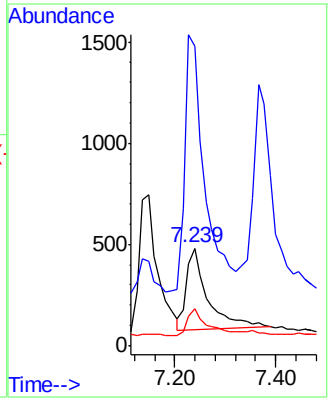




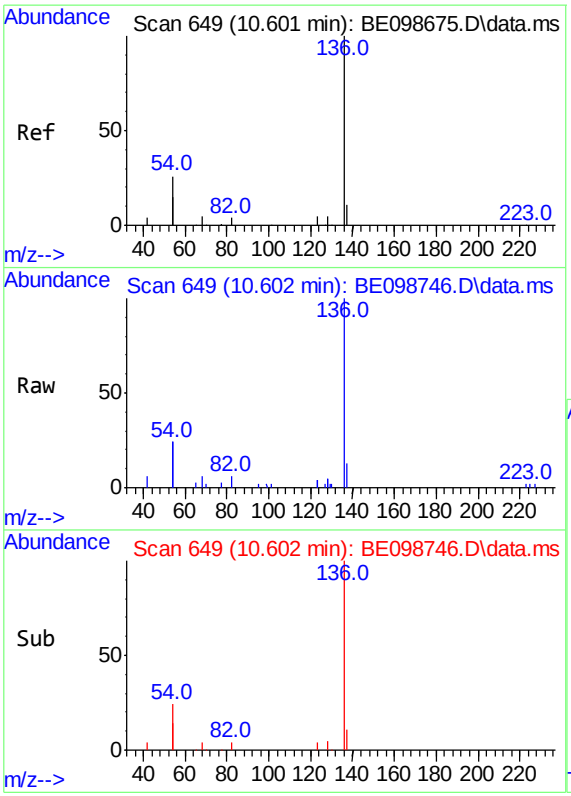
#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 7.239 min Scan# 380
Delta R.T. -0.003 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion: 93 Resp: 1184

Ion	Ratio	Lower	Upper
93	100		
63	295.4	267.3	400.9
95	29.4	26.2	39.4



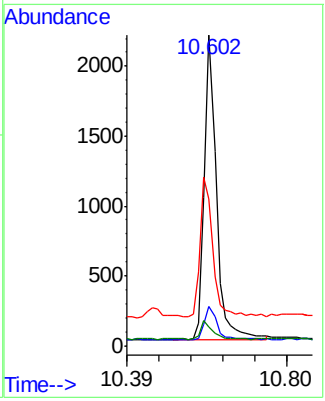
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

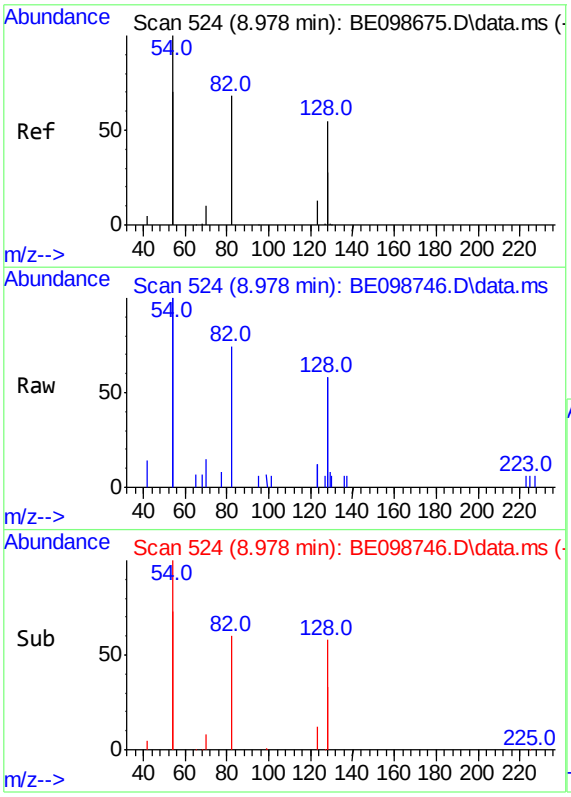


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 649
Delta R.T. 0.001 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:136 Resp: 4343

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.7	14.5
54	47.1	35.5	53.3
68	6.1	5.0	7.6

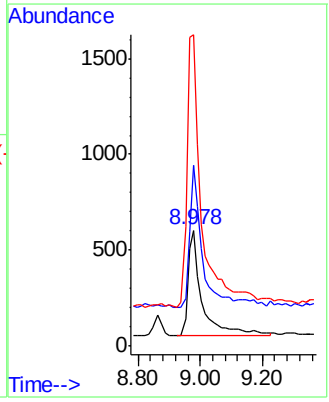


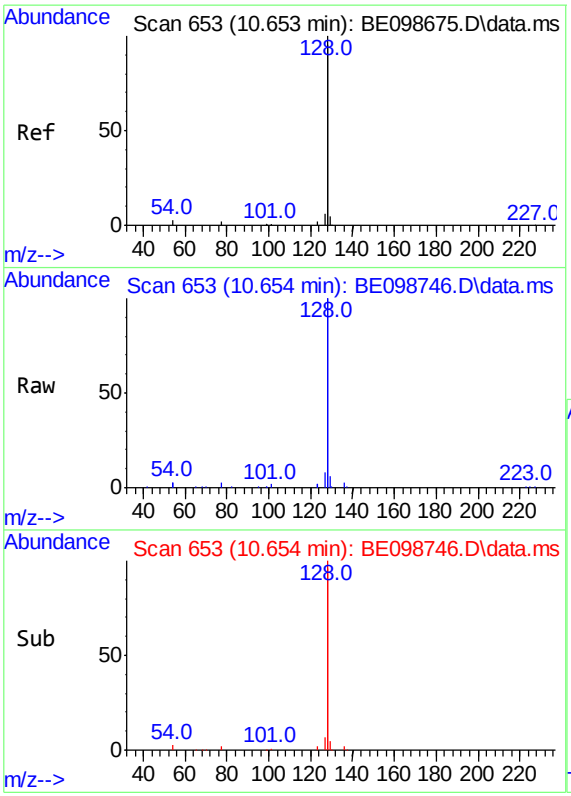


#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.978 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion: 82 Resp: 1735

Ion	Ratio	Lower	Upper
82	100		
128	157.4	96.5	144.7#
54	270.5	224.7	337.1

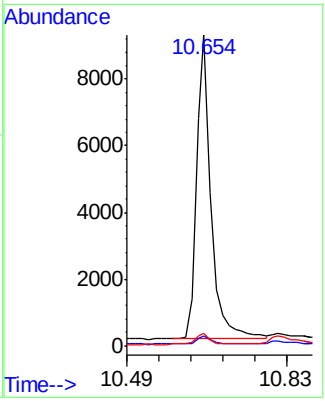




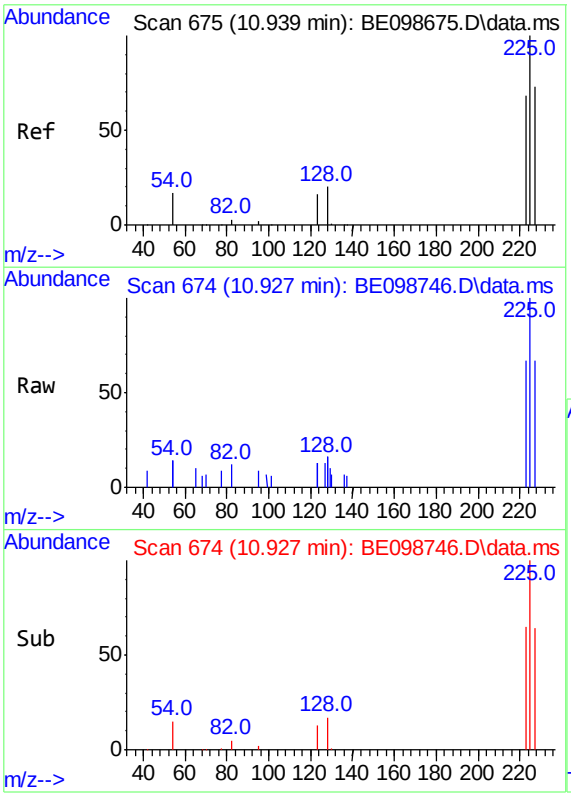
#9
Naphthalene
Concen: 0.39 ng
RT: 10.654 min Scan# 653
Delta R.T. 0.001 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:128 Resp: 19554

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.8	3.0	4.6



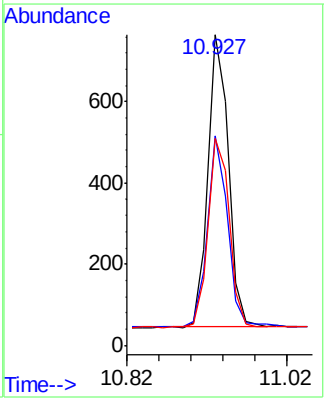
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

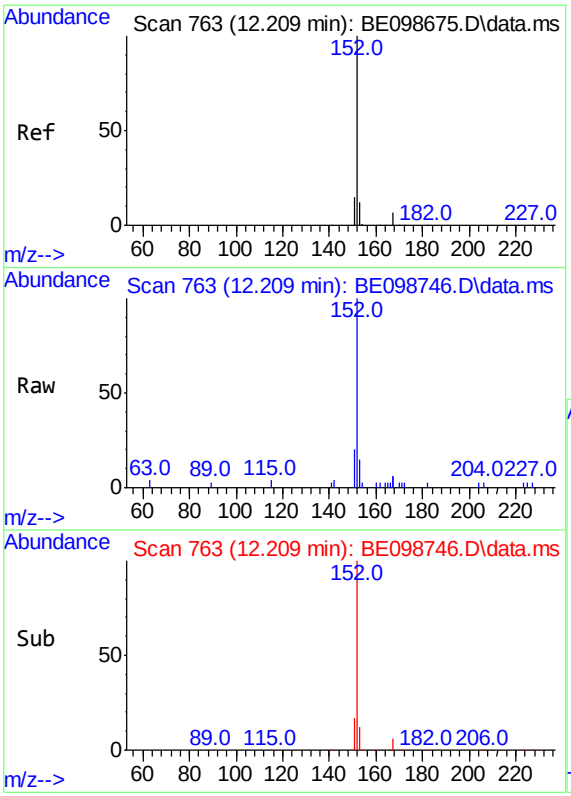


#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.927 min Scan# 674
Delta R.T. -0.012 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:225 Resp: 1254

Ion	Ratio	Lower	Upper
225	100		
223	64.0	47.8	71.8
227	67.7	50.5	75.7

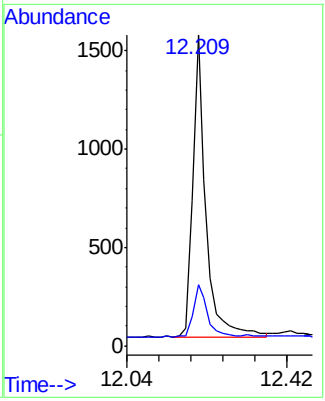




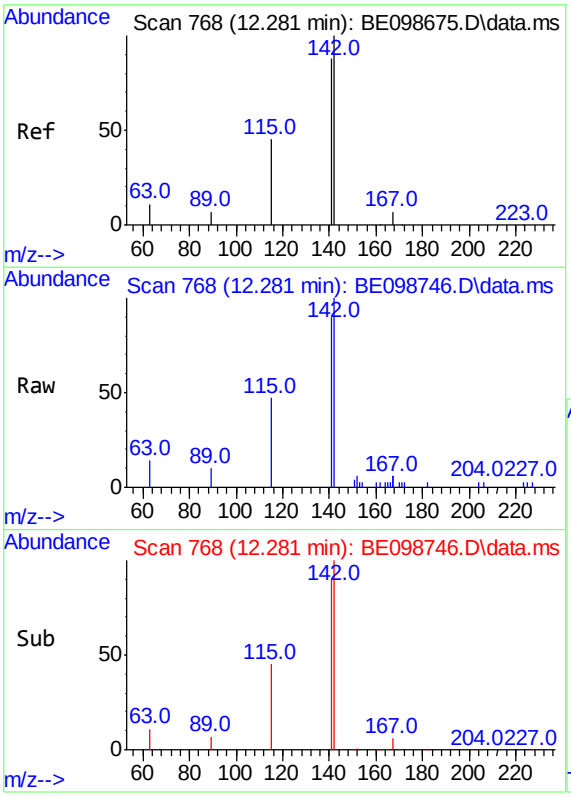
#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.209 min Scan# 763
Delta R.T. 0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:152 Resp: 3288

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.4



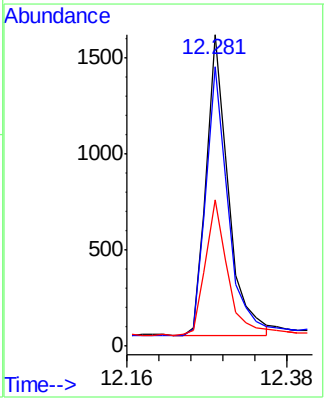
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

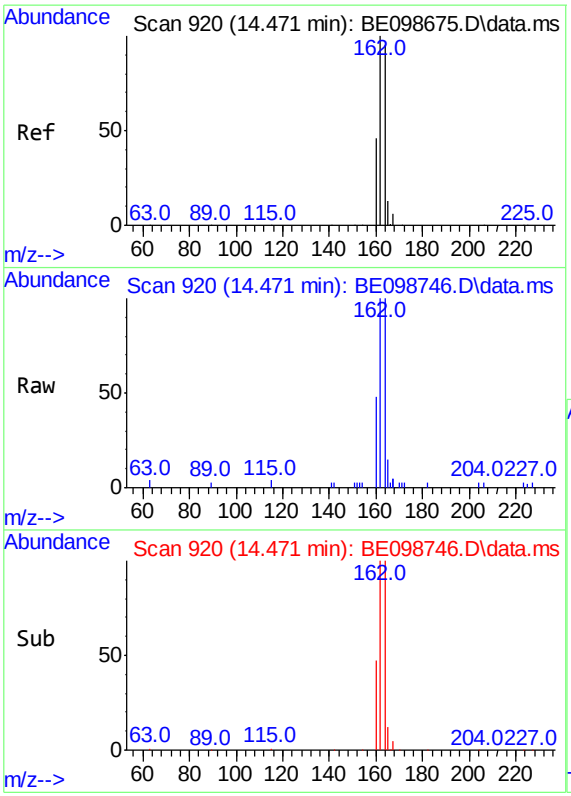


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.281 min Scan# 768
Delta R.T. 0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:142 Resp: 3275

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.0	105.0
115	47.0	35.2	52.8

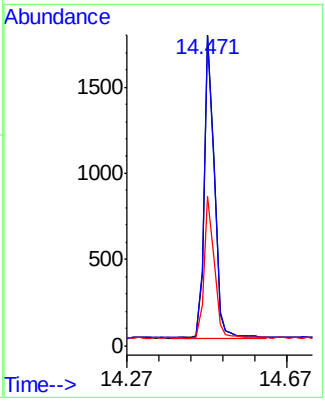




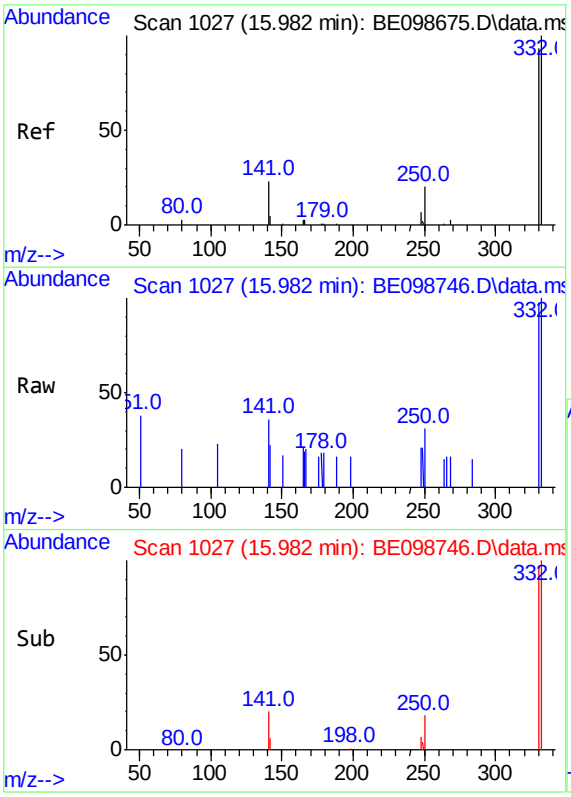
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:164 Resp: 2979

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.5	120.7
160	48.1	40.1	60.1



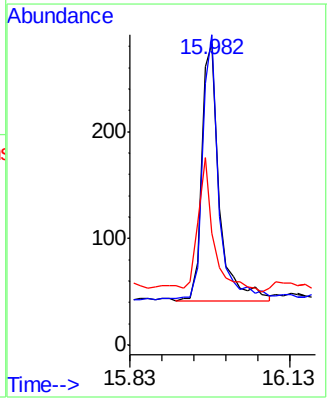
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

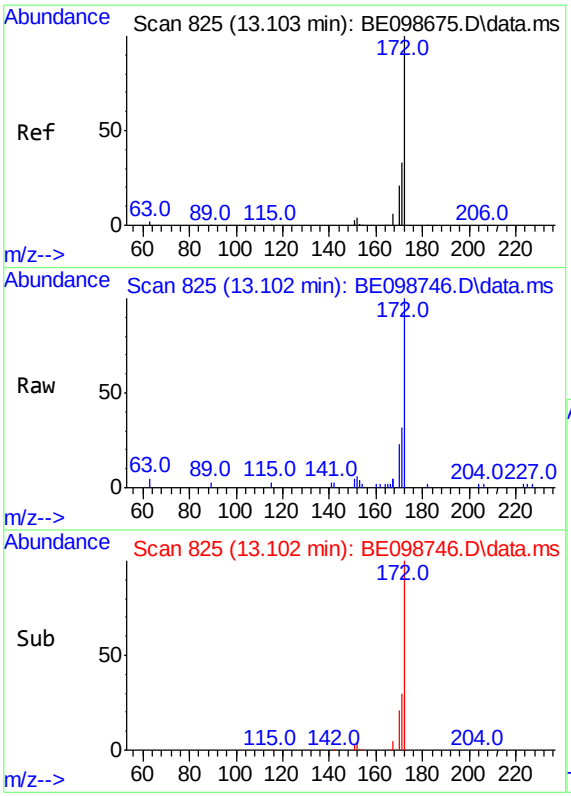


#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.982 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:330 Resp: 549

Ion	Ratio	Lower	Upper
330	100		
332	92.9	73.3	109.9
141	46.8	33.1	49.7

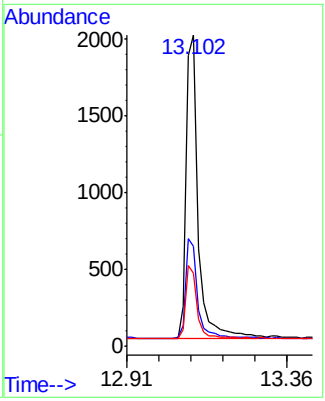




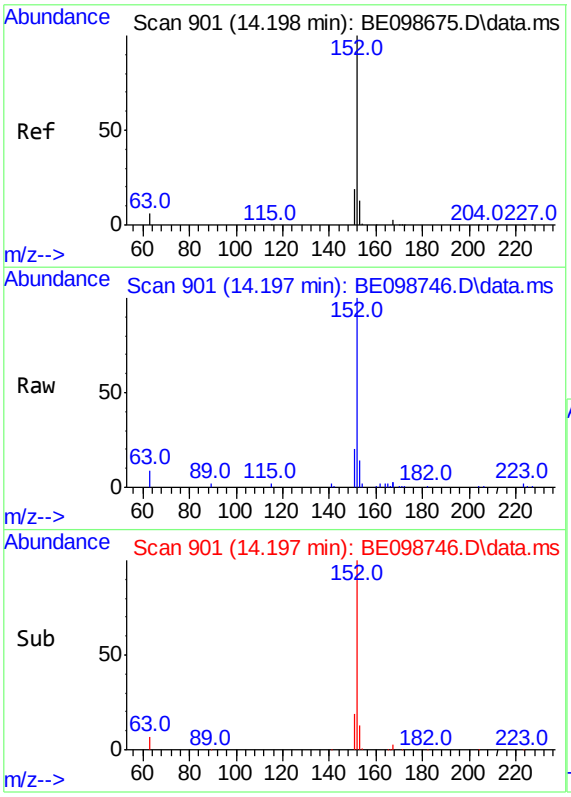
#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.102 min Scan# 825
Delta R.T. -0.001 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:172 Resp: 4645

Ion	Ratio	Lower	Upper
172	100		
171	31.9	29.0	43.4
170	23.3	20.8	31.2



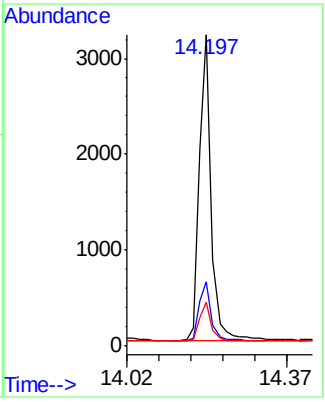
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

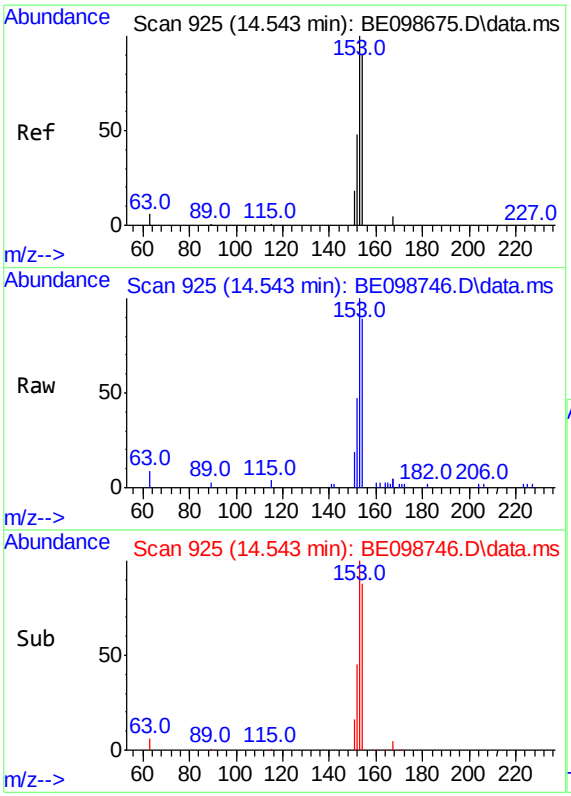


#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.197 min Scan# 901
Delta R.T. -0.001 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:152 Resp: 5754

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	12.7	10.7	16.1

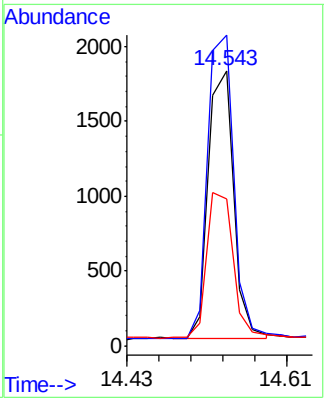




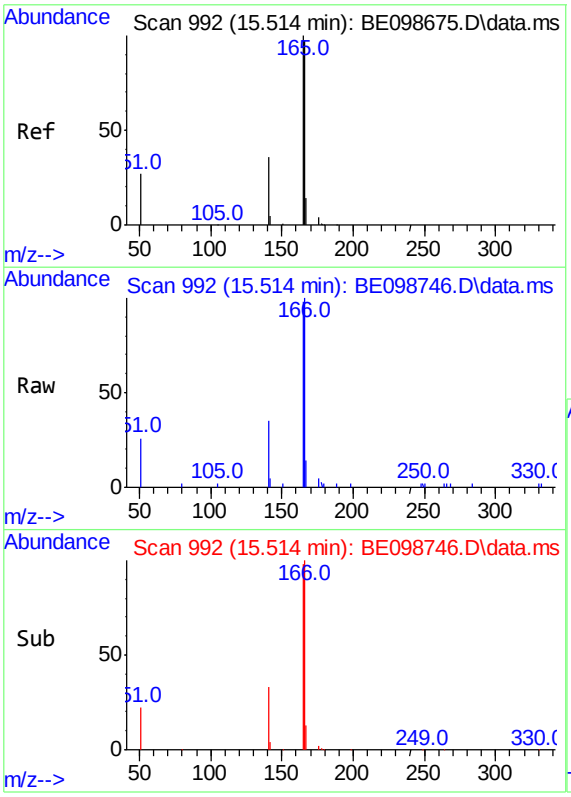
#17
Acenaphthene
Concen: 0.38 ng
RT: 14.543 min Scan# 925
Delta R.T. -0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:154 Resp: 3436

Ion	Ratio	Lower	Upper
154	100		
153	117.0	93.9	140.9
152	56.4	45.8	68.8



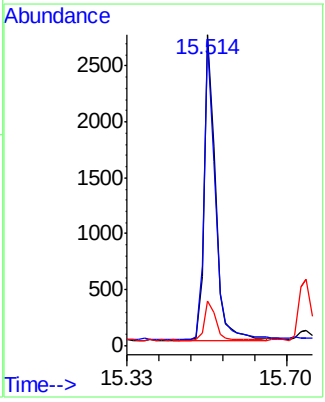
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4



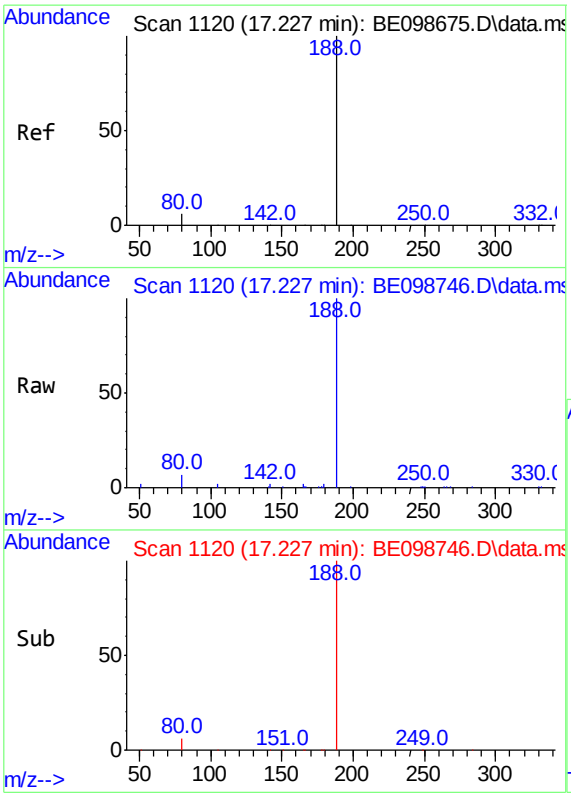
#18
Fluorene
Concen: 0.39 ng
RT: 15.514 min Scan# 992
Delta R.T. -0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:166 Resp: 4755

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.3	118.9
167	13.4	10.6	15.8



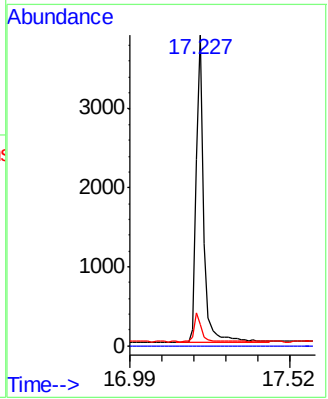
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

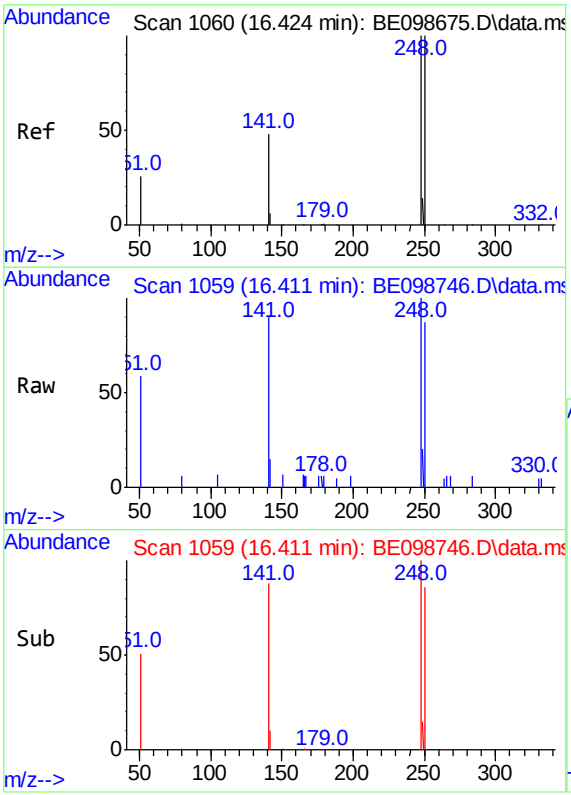


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.227 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:188 Resp: 6921

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	4.7	7.1

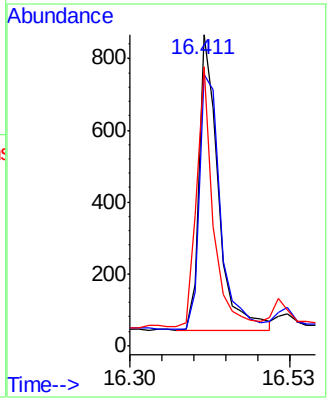




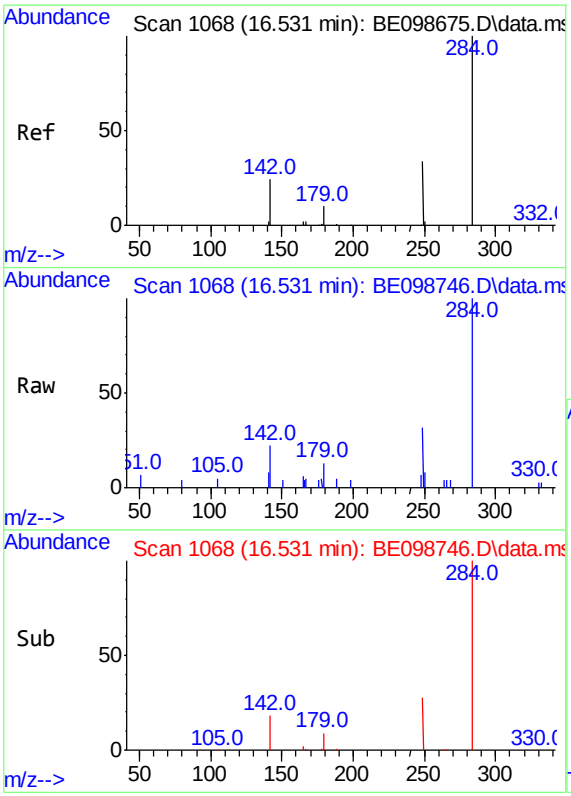
#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.411 min Scan# 1059
Delta R.T. -0.013 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:248 Resp: 1577

Ion	Ratio	Lower	Upper
248	100		
250	87.3	80.2	120.4
141	89.8	60.5	90.7



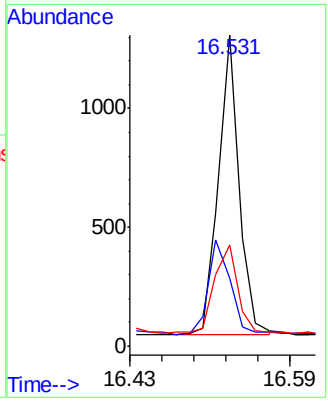
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

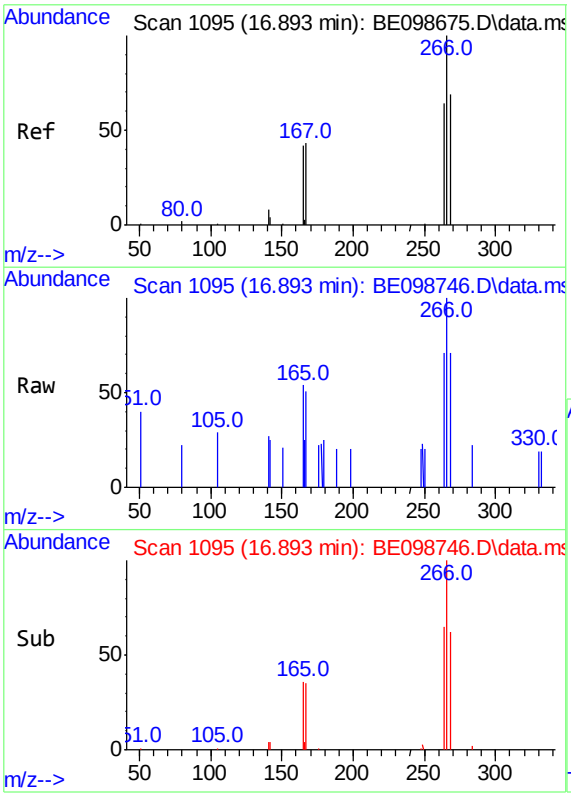


#21
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.531 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:284 Resp: 1826

Ion	Ratio	Lower	Upper
284	100		
142	33.1	25.5	38.3
249	33.1	26.6	39.8

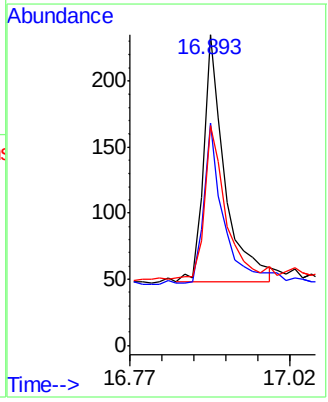




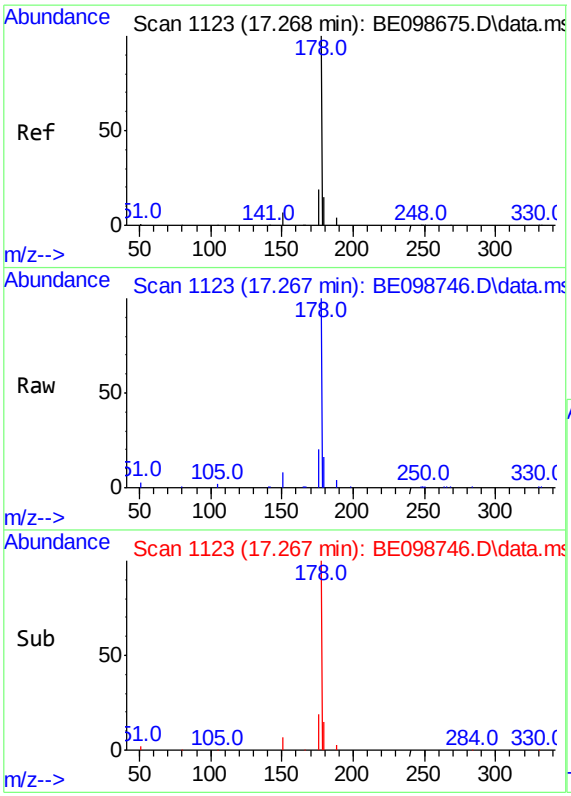
#22
Pentachlorophenol
Concen: 0.35 ng
RT: 16.893 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:266 Resp: 435

Ion	Ratio	Lower	Upper
266	100		
264	71.5	53.7	80.5
268	70.6	59.8	89.8



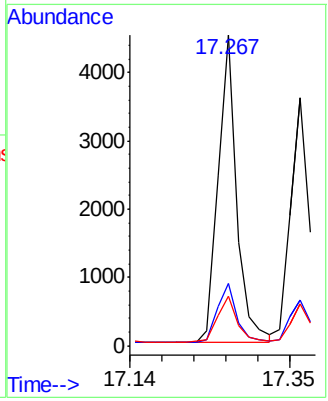
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

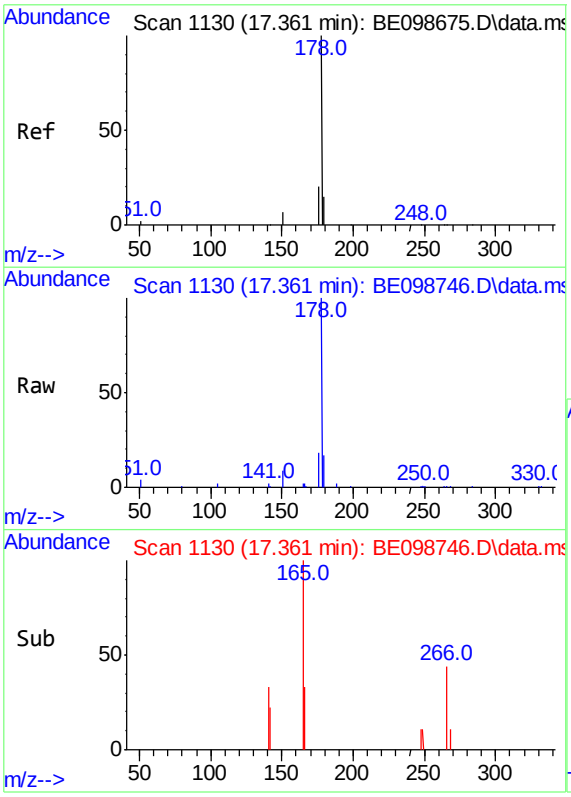


#23
Phenanthrene
Concen: 0.39 ng
RT: 17.267 min Scan# 1123
Delta R.T. -0.001 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:178 Resp: 7406

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	15.9	12.2	18.4

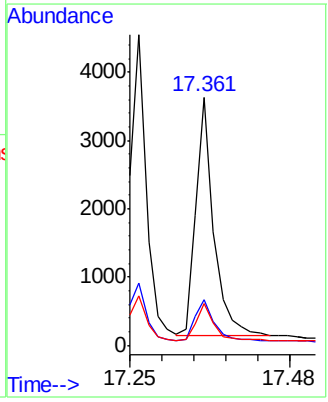




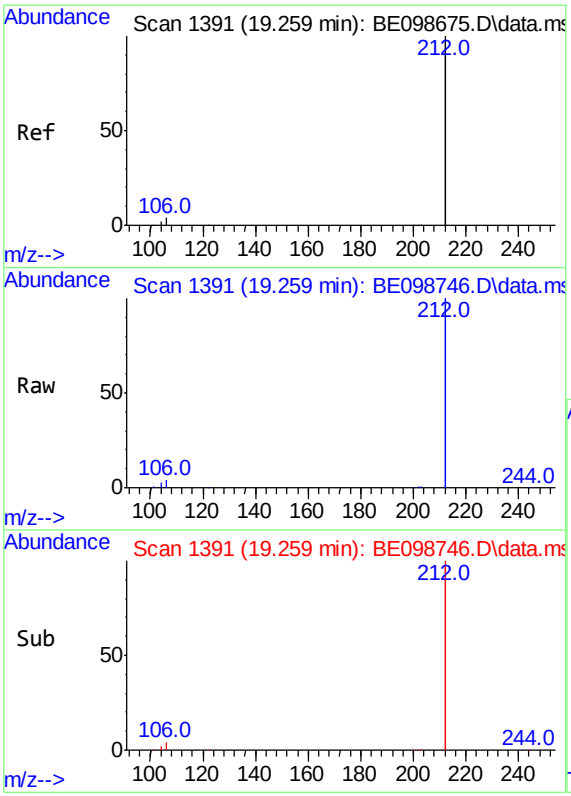
#24
Anthracene
Concen: 0.39 ng
RT: 17.361 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:178 Resp: 6266

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.0	11.8	17.8



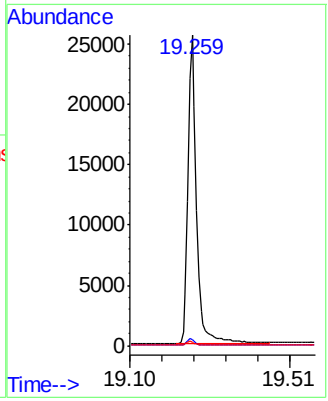
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

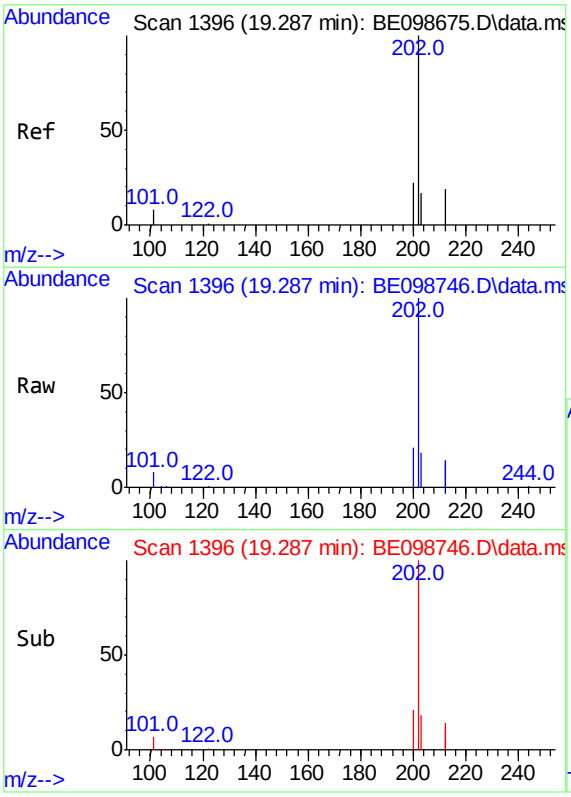


#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.259 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:212 Resp: 38900

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.2	1.0	1.6

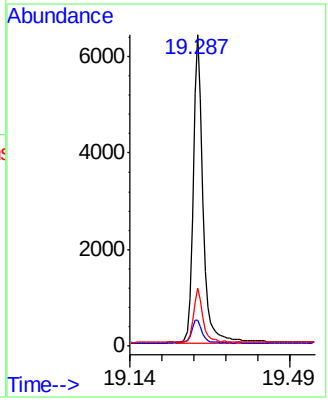


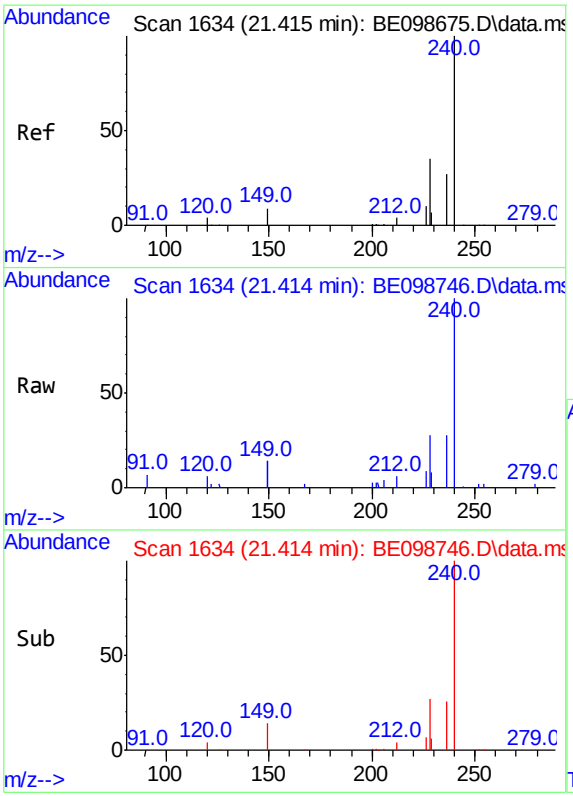


#26
Fluoranthene
Concen: 0.39 ng
RT: 19.287 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:202 Resp: 9595

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.7	10.1
203	16.5	13.3	19.9

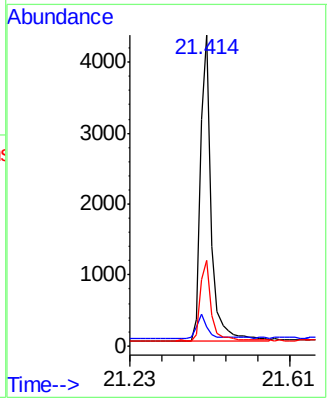




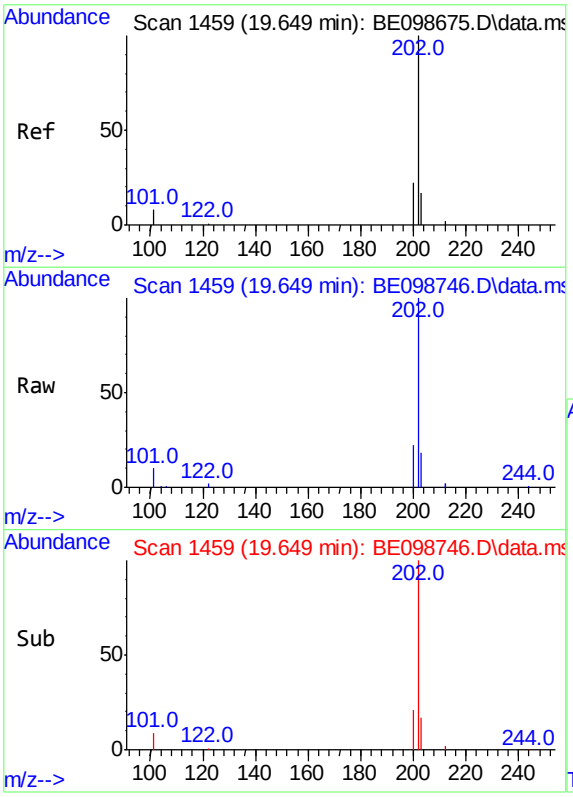
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1634
Delta R.T. -0.001 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:240 Resp: 7599

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.7	7.1
236	27.6	21.9	32.9



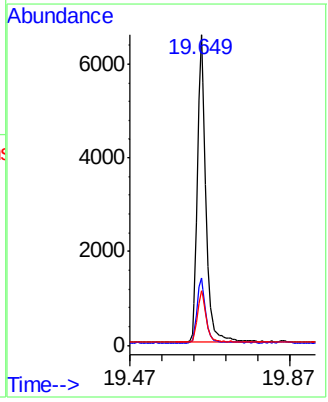
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

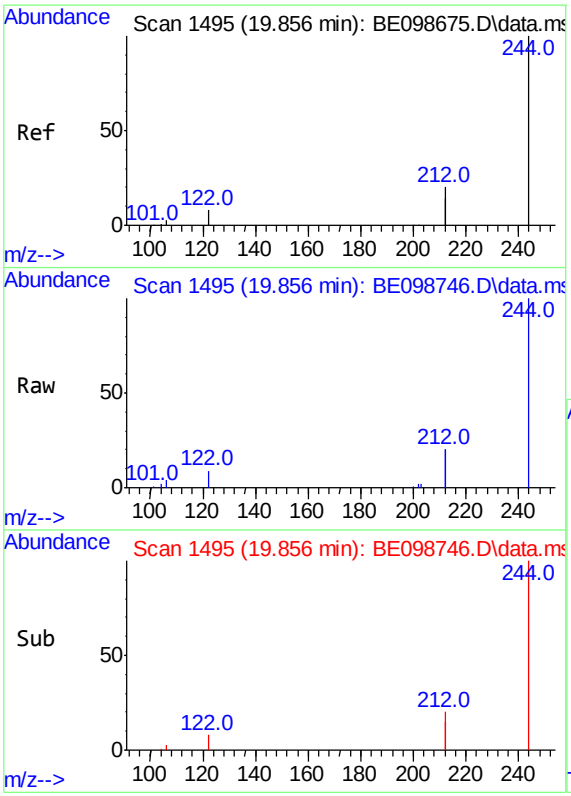


#28
Pyrene
Concen: 0.41 ng
RT: 19.649 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:202 Resp: 9900

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	17.8	13.8	20.8

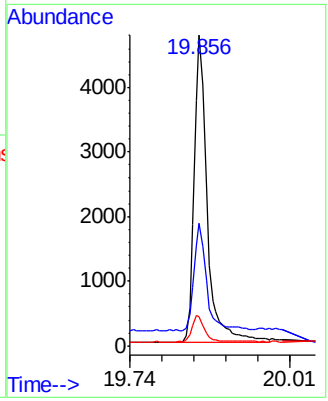




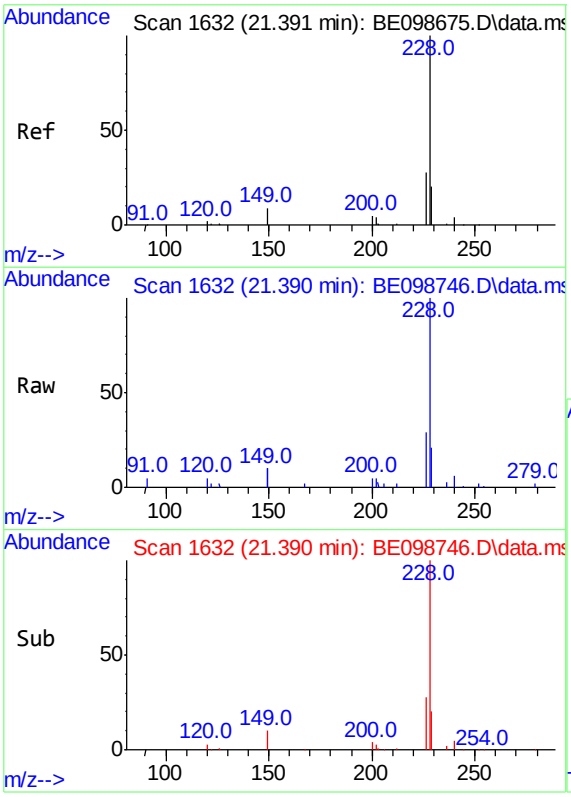
#29
Terphenyl-d14
Concen: 0.39 ng
RT: 19.856 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:244 Resp: 7480

Ion	Ratio	Lower	Upper
244	100		
212	39.4	29.4	44.2
122	9.5	7.1	10.7



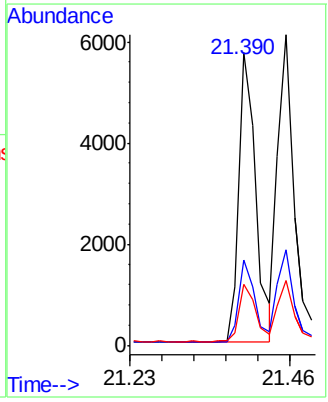
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4



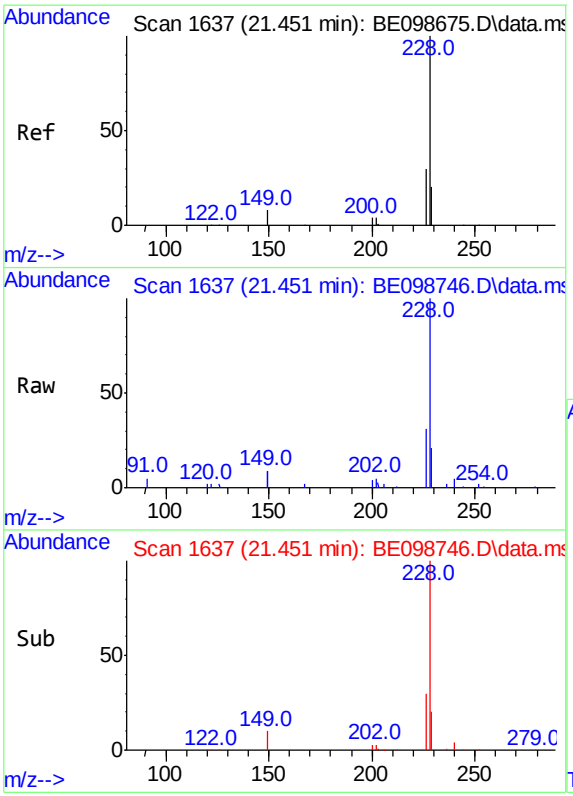
#30
Benzo(a)anthracene
Concen: 0.41 ng
RT: 21.390 min Scan# 1632
Delta R.T. -0.001 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:228 Resp: 9500

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	20.7	15.0	22.6



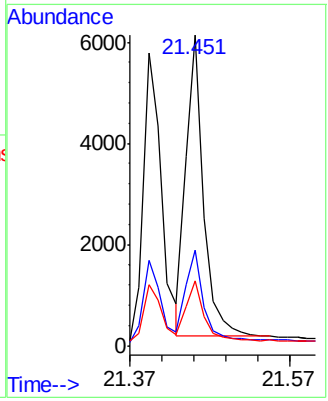
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

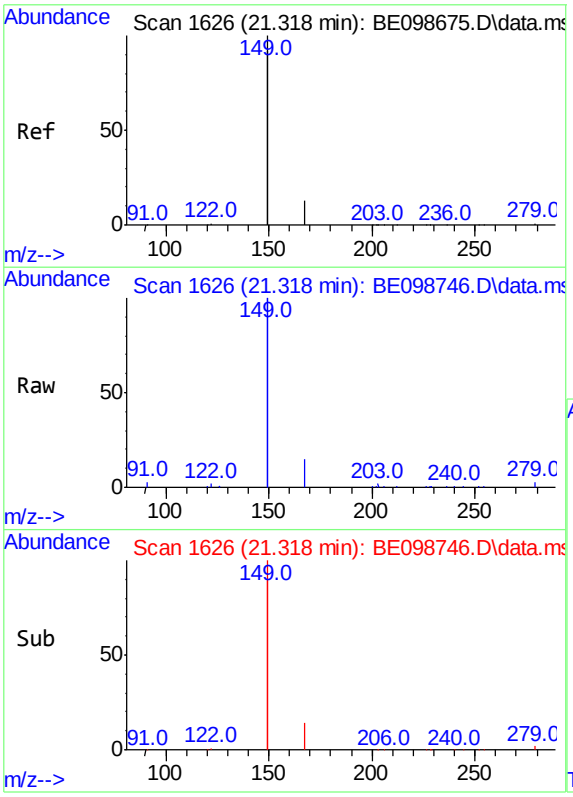


#31
Chrysene
Concen: 0.38 ng
RT: 21.451 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:228 Resp: 9529

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	20.8	16.4	24.6

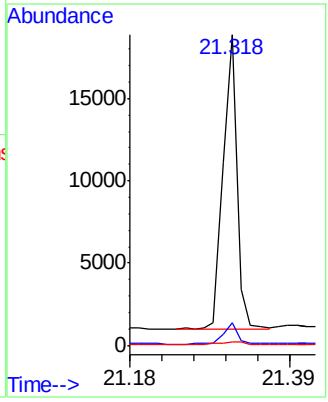




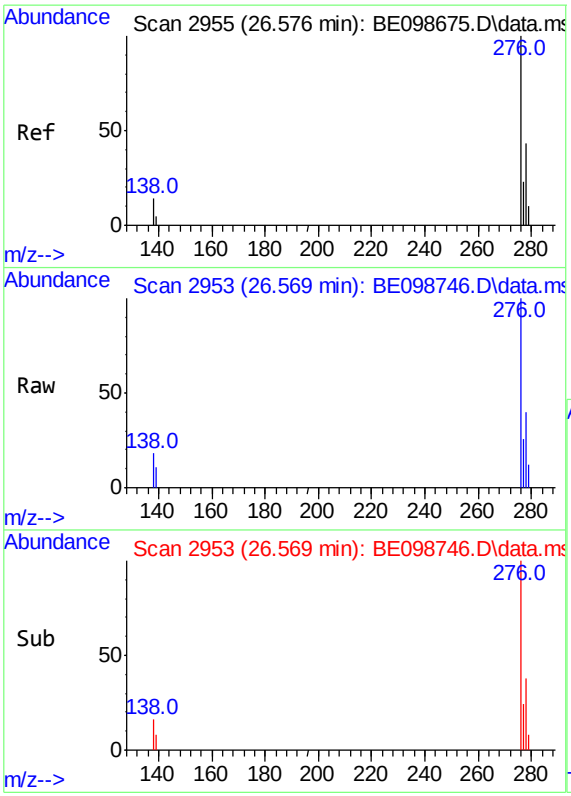
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 21.318 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:149 Resp: 22580

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.2
279	1.1	1.0	1.4



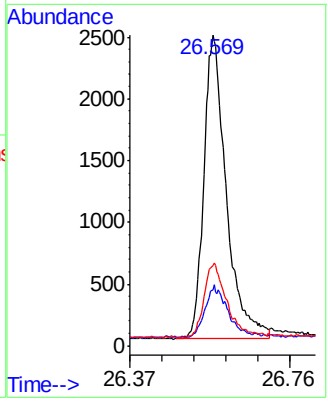
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

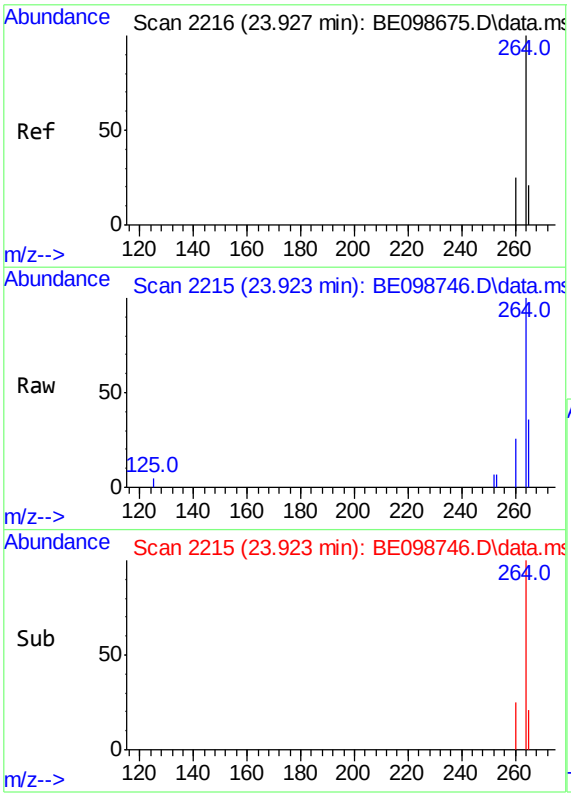


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 26.569 min Scan# 2953
Delta R.T. -0.007 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:276 Resp: 9407

Ion	Ratio	Lower	Upper
276	100		
138	8.6	13.3	19.9#
277	25.0	19.4	29.0

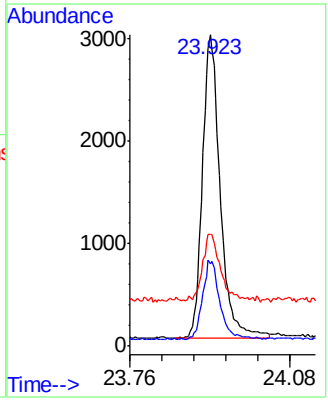




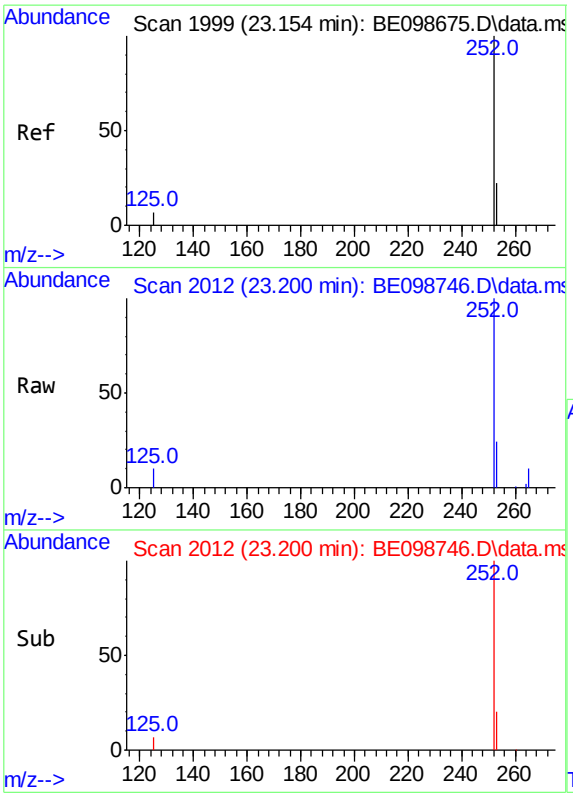
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.923 min Scan# 2215
Delta R.T. -0.004 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:264 Resp: 7246

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	35.7	22.3	33.5#



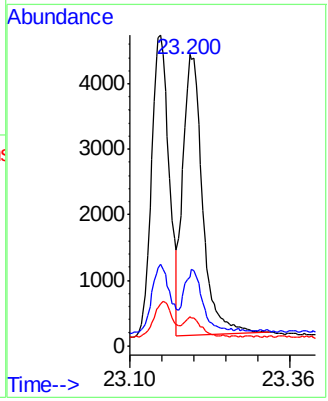
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

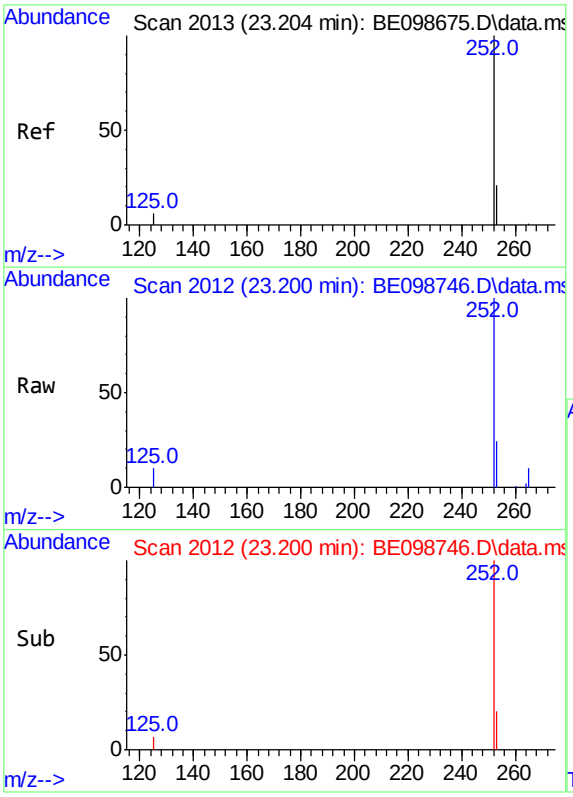


#35
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.200 min Scan# 2012
Delta R.T. 0.046 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:252 Resp: 9439

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.0
125	10.0	8.2	12.4

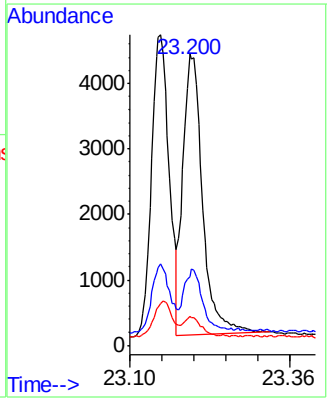




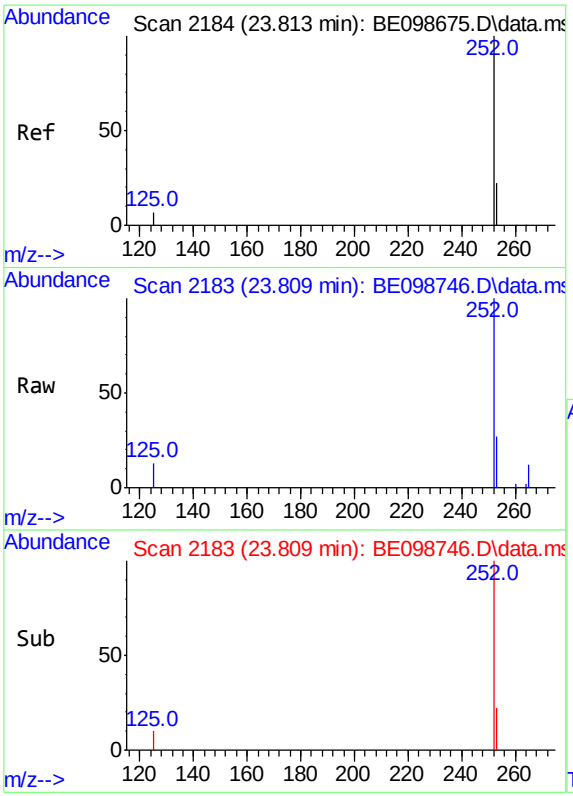
#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.200 min Scan# 2012
Delta R.T. -0.004 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:252 Resp: 9439

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.4
125	10.0	7.0	10.4



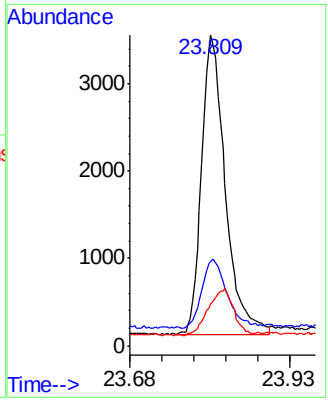
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

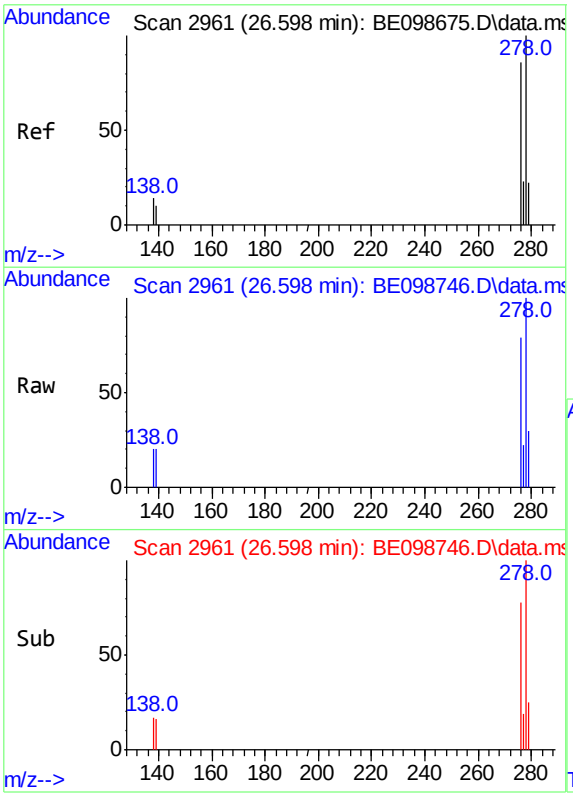


#37
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.809 min Scan# 2183
Delta R.T. -0.004 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:252 Resp: 8723

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.0	31.4
125	13.4	9.2	13.8

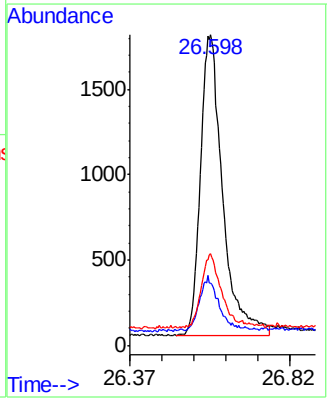


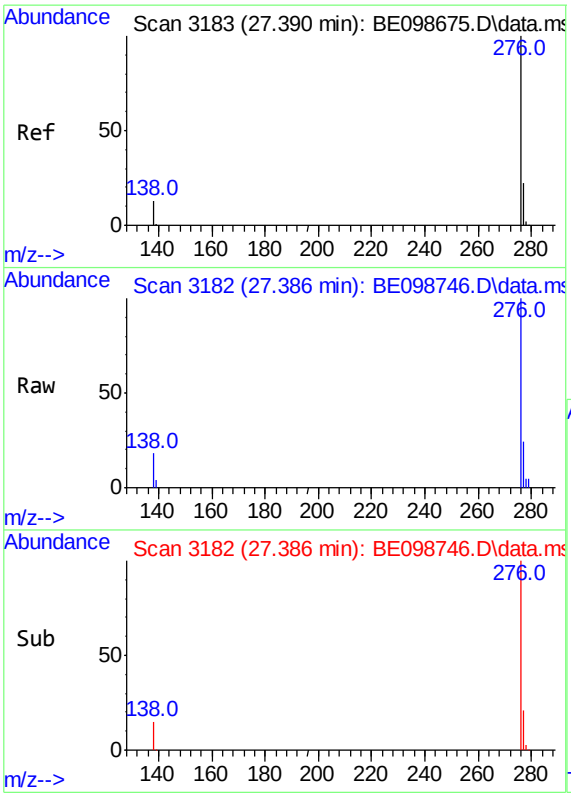


#38
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 26.598 min Scan# 2961
Delta R.T. -0.000 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:278 Resp: 7283

Ion	Ratio	Lower	Upper
278	100		
139	20.2	12.7	19.1#
279	29.7	22.0	33.0

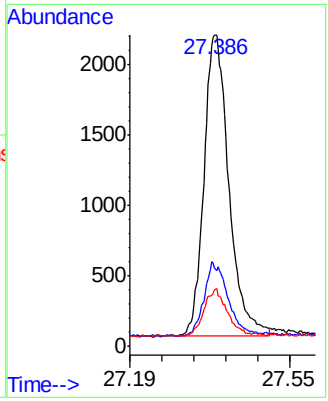




#39
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 27.386 min Scan# 3182
Delta R.T. -0.004 min
Lab File: BE098746.D
Acq: 21 Feb 2019 13:10

Tgt Ion:276 Resp: 8228

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.3	30.5
138	18.3	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4