Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020119\
Data File : BE098686.D
Acq On : 1 Feb 2019 10:37
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 01 14:32:36 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	884	0.40	ng	0.00
7) Naphthalene-d8	10.601	136	3908	0.40	ng	0.00
13) Acenaphthene-d10	14.471	164	2582	0.40	ng	0.00
19) Phenanthrene-d10	17.215	188	6026	0.40	ng	#-0.01
27) Chrysene-d12	21.414	240	6499	0.40	ng	0.00
34) Perylene-d12	23.923	264	6117	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.408	112	980	0.38	ng	0.00
5) Phenol-d6	6.997	99	1361	0.35	ng	0.00
8) Nitrobenzene-d5	8.978	82	1355	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.209	152	2921	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	409	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	4203	0.38	ng	-0.02
25) Fluoranthene-d10	19.258	212	32763	0.38	ng	0.00
29) Terphenyl-d14	19.856	244	6251	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.312	88	688	0.42	ng	88
3) n-Nitrosodimethylamine	3.657	42	733	0.36	ng	# 95
6) bis(2-Chloroethyl)ether	7.239	93	922	0.35	ng	97
9) Naphthalene	10.653	128	17602	0.39	ng	100
10) Hexachlorobutadiene	10.926	225	1190	0.40	ng	96
12) 2-Methylnaphthalene	12.281	142	2820	0.38	ng	98
16) Acenaphthylene	14.197	152	4932	0.37	ng	98
17) Acenaphthene	14.528	154	3061	0.39	ng	97
18) Fluorene	15.515	166	4061	0.38	ng	100
20) 4-Bromophenyl-phenylether	16.412	248	1328	0.37	ng	94
21) Hexachlorobenzene	16.533	284	1693	0.40	ng	100
22) Pentachlorophenol	16.894	266	372	0.35	ng	94
23) Phenanthrene	17.269	178	6357	0.38	ng	98
24) Anthracene	17.363	178	5072	0.37	ng	99
26) Fluoranthene	19.287	202	8095	0.38	ng	99
28) Pyrene	19.649	202	8247	0.40	ng	100
30) Benzo(a)anthracene	21.390	228	7557	0.39	ng	98
31) Chrysene	21.450	228	8275	0.39	ng	97
32) Bis(2-ethylhexyl)phtha...	21.317	149	12001	0.33	ng	100
33) Indeno(1,2,3-cd)pyrene	26.567	276	8035	0.36	ng	99
35) Benzo(b)fluoranthene	23.150	252	7655	0.39	ng	98
36) Benzo(k)fluoranthene	23.196	252	8401	0.40	ng	99
37) Benzo(a)pyrene	23.809	252	7351	0.39	ng	98
38) Dibenzo(a,h)anthracene	26.585	278	5880	0.34	ng	98
39) Benzo(g,h,i)perylene	27.377	276	7177	0.37	ng	97

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

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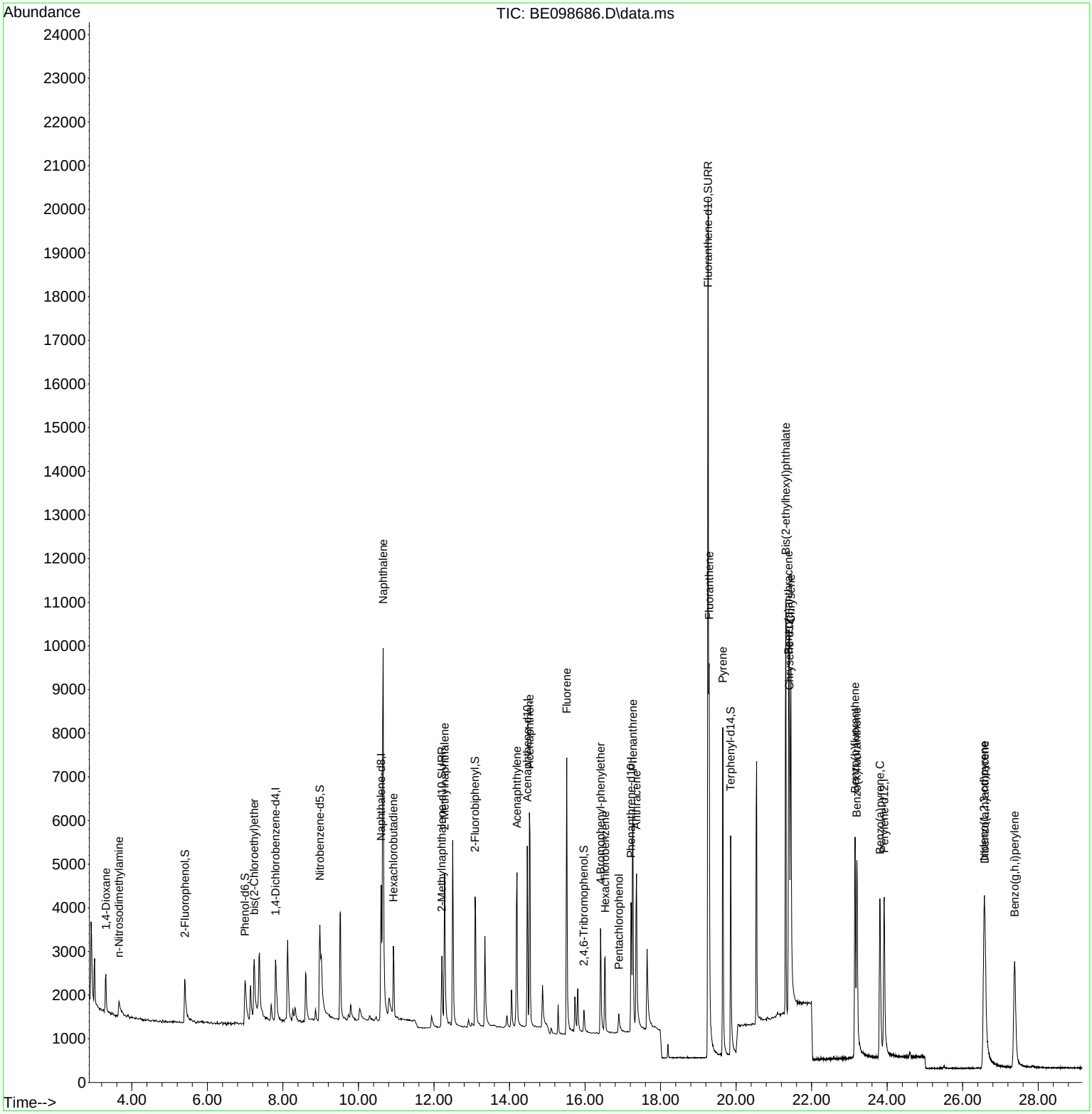
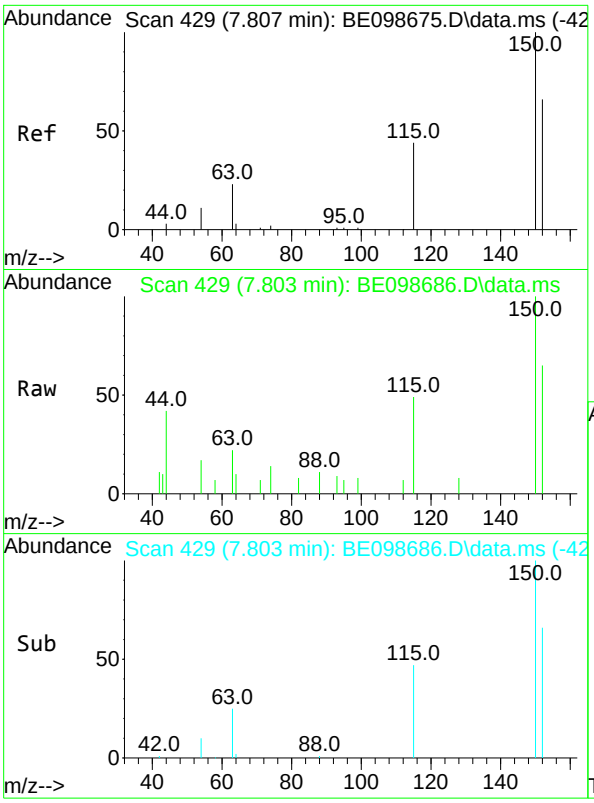
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 01 14:32:36 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



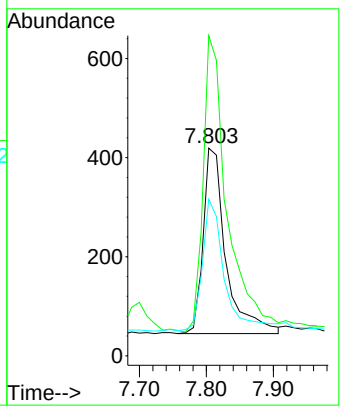
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

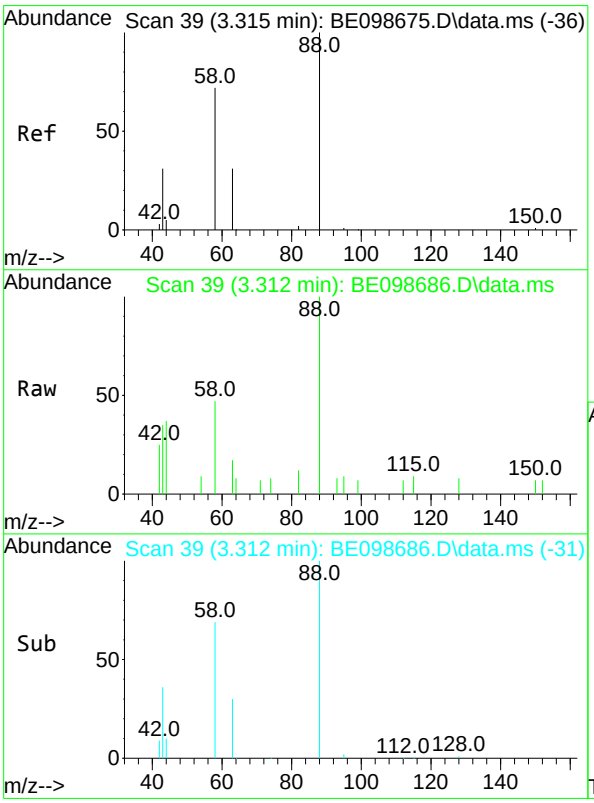


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.803 min Scan# 429
Delta R.T. -0.004 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:152 Resp: 884

Ion	Ratio	Lower	Upper
152	100		
150	154.2	121.4	182.2
115	75.4	59.1	88.7

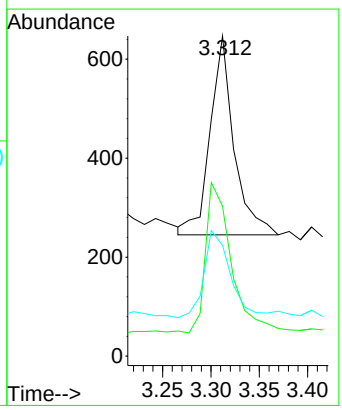




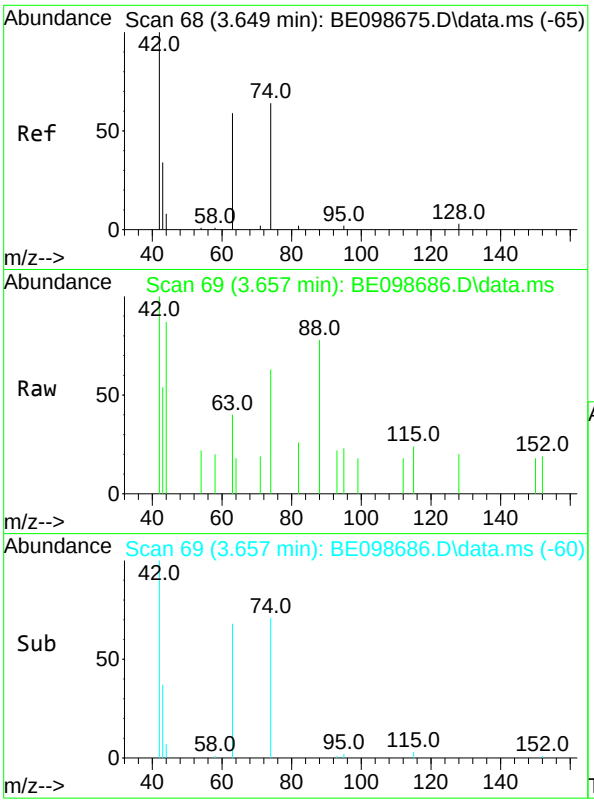
#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.312 min Scan# 39
Delta R.T. -0.003 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion: 88 Resp: 688

Ion	Ratio	Lower	Upper
88	100		
58	79.7	73.9	110.9
43	48.1	43.7	65.5



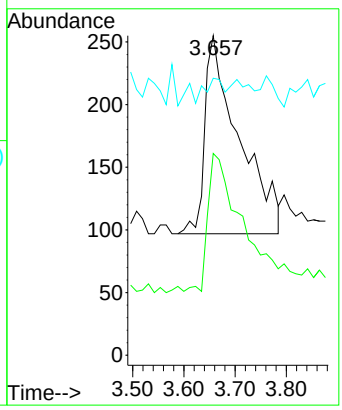
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

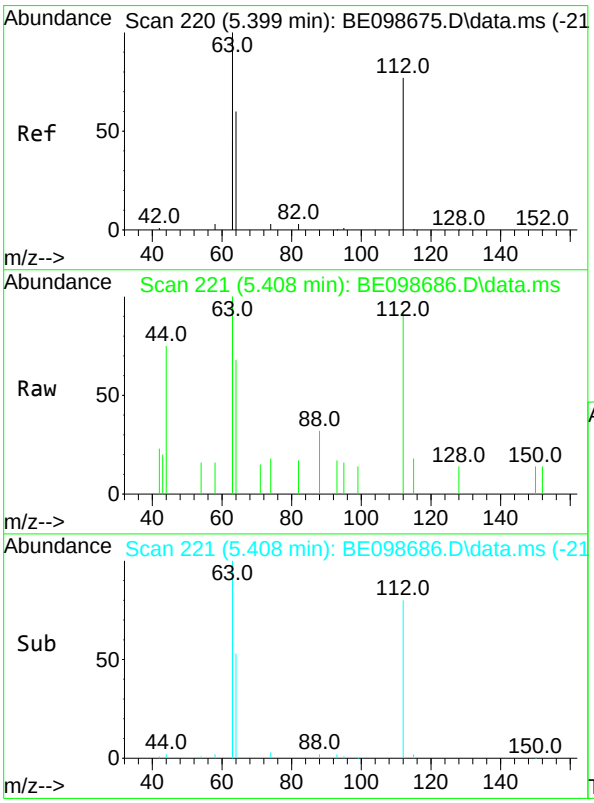


#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.657 min Scan# 69
Delta R.T. 0.008 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion: 42 Resp: 733

Ion	Ratio	Lower	Upper
42	100		
74	69.4	58.9	88.3
44	7.4	0.0	0.0#

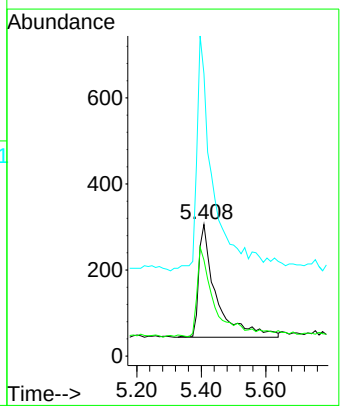




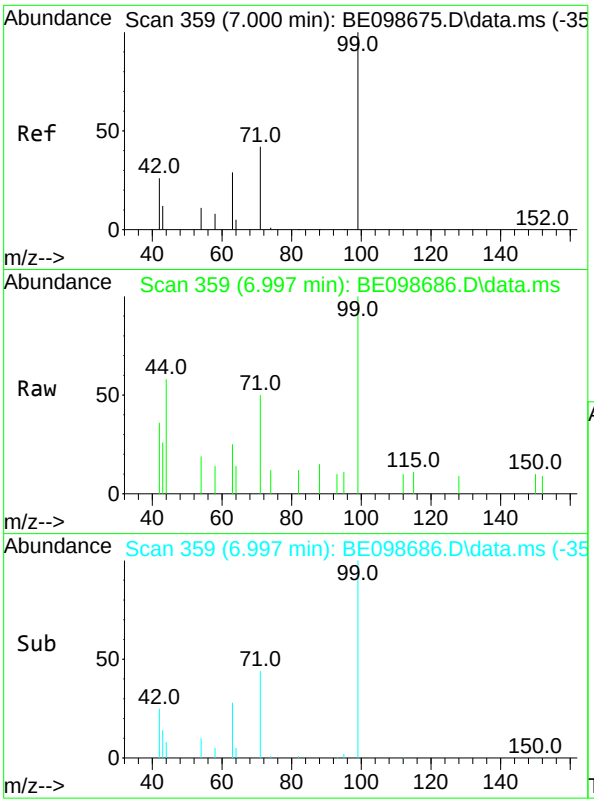
#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.408 min Scan# 221
Delta R.T. 0.009 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:112 Resp: 980

Ion	Ratio	Lower	Upper
112	100		
64	80.6	62.9	94.3
63	173.1	152.2	228.4



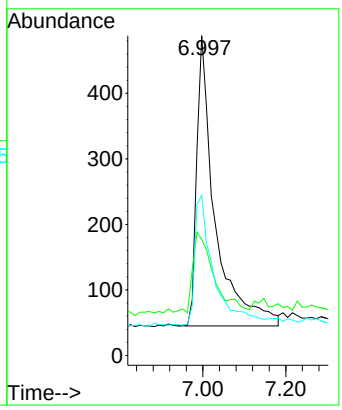
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

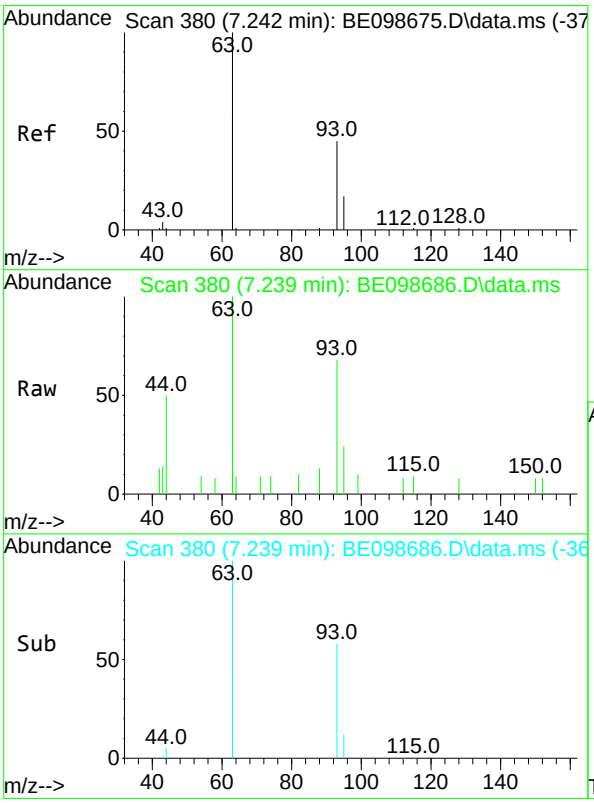


#5
Phenol-d6
Concen: 0.35 ng
RT: 6.997 min Scan# 359
Delta R.T. -0.003 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion: 99 Resp: 1361

Ion	Ratio	Lower	Upper
99	100		
42	29.6	24.6	37.0
71	46.3	35.1	52.7

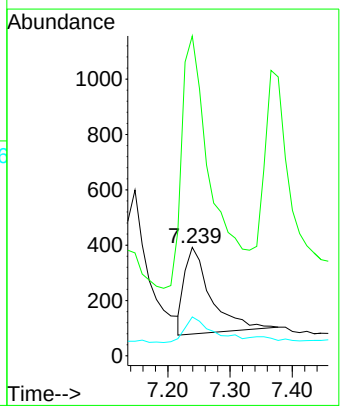




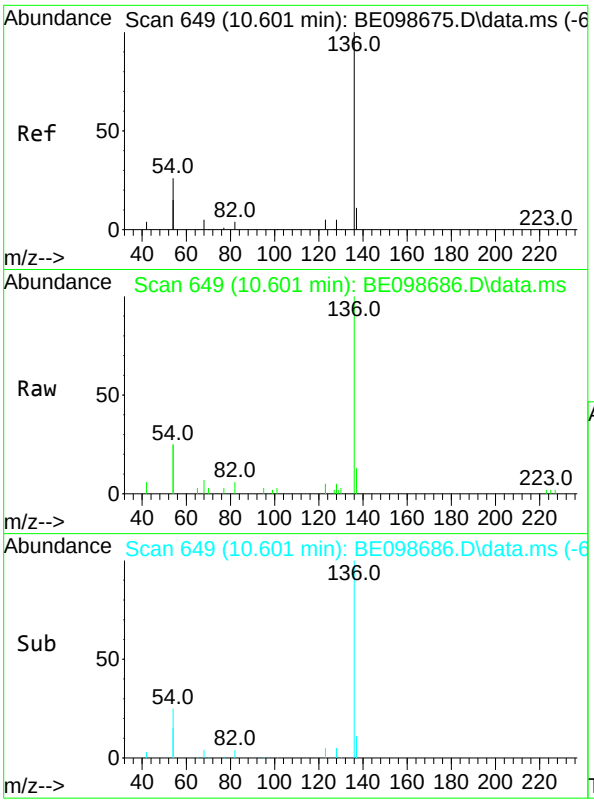
#6
bis(2-Chloroethyl)ether
Concen: 0.35 ng
RT: 7.239 min Scan# 380
Delta R.T. -0.003 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion: 93 Resp: 922

Ion	Ratio	Lower	Upper
93	100		
63	327.1	267.3	400.9
95	32.9	26.2	39.4



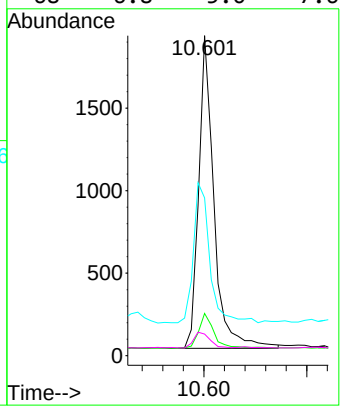
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

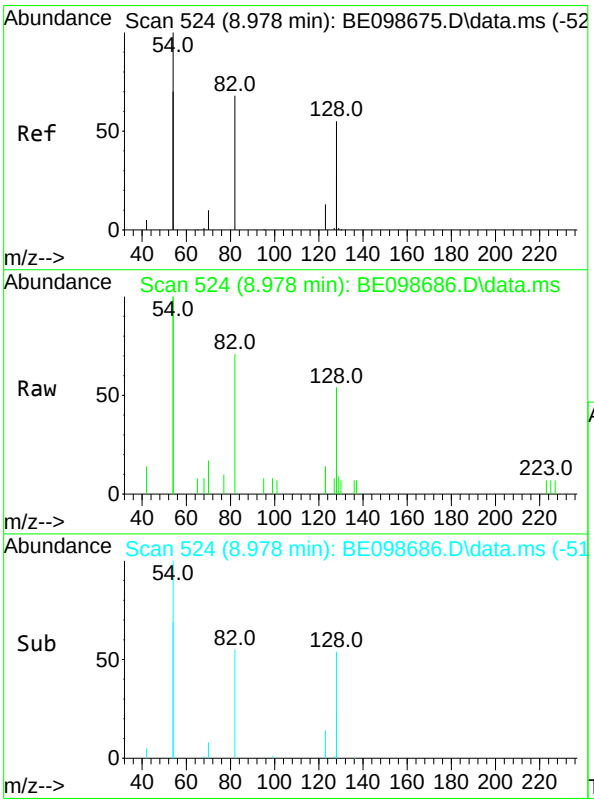


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. 0.000 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:136 Resp: 3908

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.7	14.5
54	49.3	35.5	53.3
68	6.8	5.0	7.6

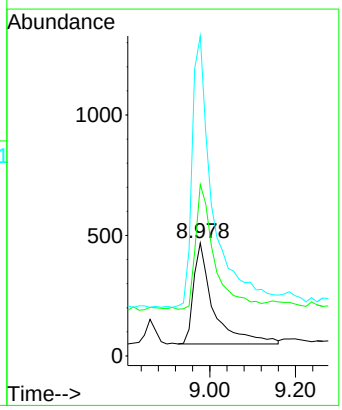




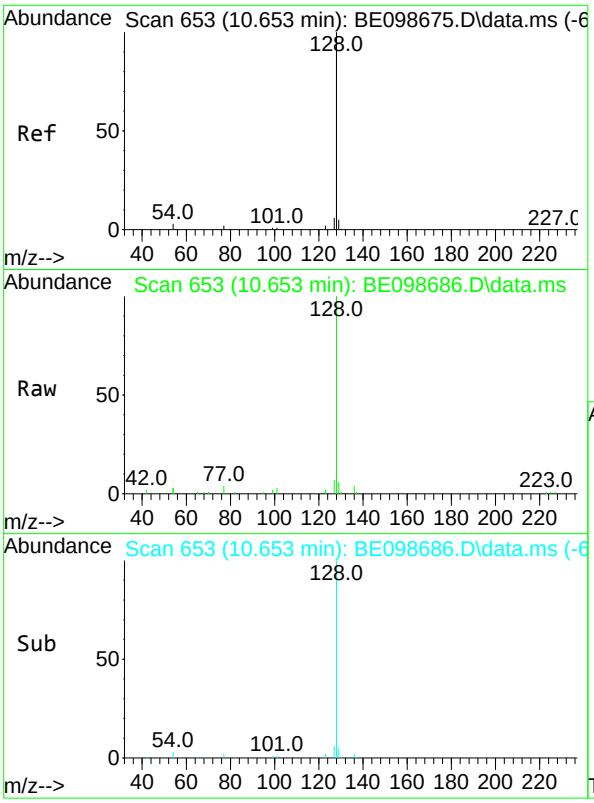
#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.978 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion: 82 Resp: 1355

Ion	Ratio	Lower	Upper
82	100		
128	151.8	96.5	144.7#
54	283.2	224.7	337.1



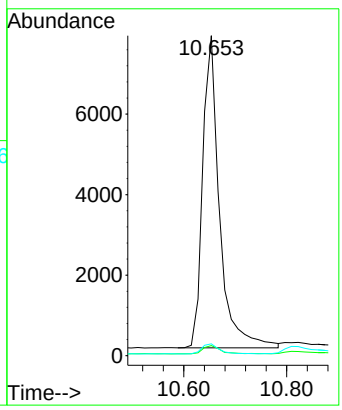
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

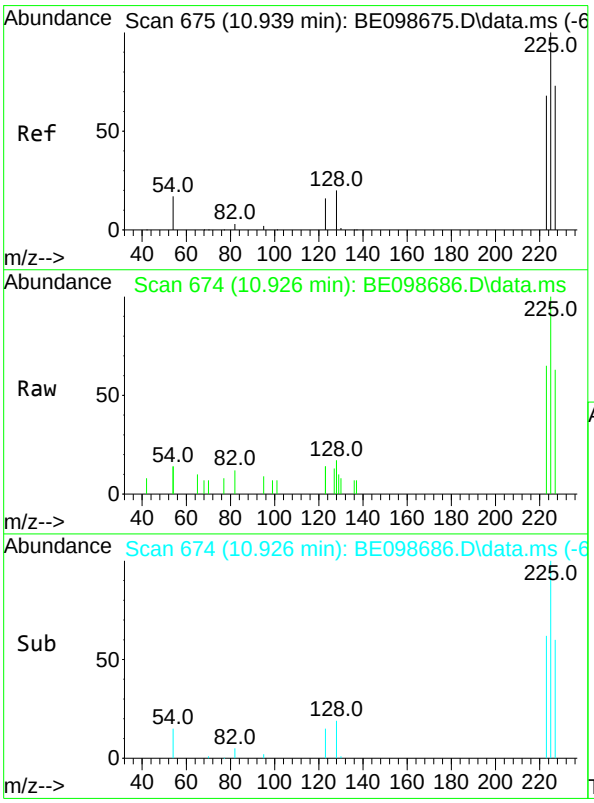


#9
Naphthalene
Concen: 0.39 ng
RT: 10.653 min Scan# 653
Delta R.T. 0.000 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:128 Resp: 17602

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.7	3.0	4.6

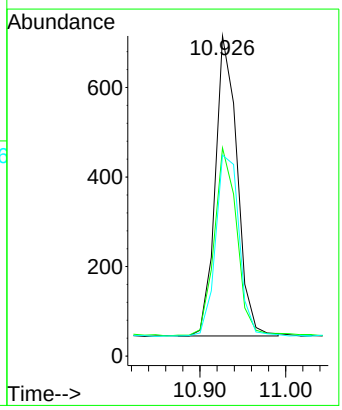




#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.926 min Scan# 674
Delta R.T. -0.013 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:225 Resp: 1190

Ion	Ratio	Lower	Upper
225	100		
223	64.5	47.8	71.8
227	65.0	50.5	75.7



Instrument :
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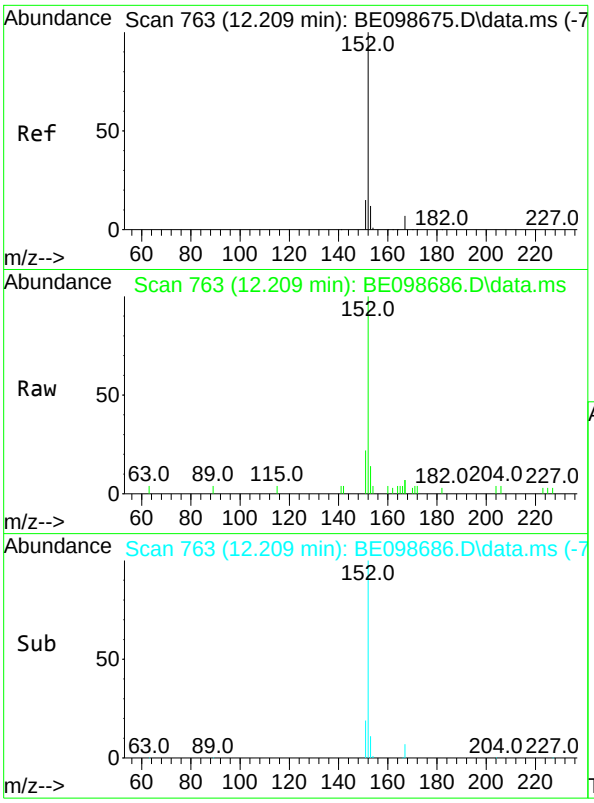
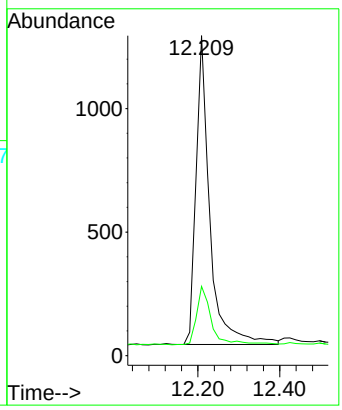
ClientSampleId :
SSTDCCC0.4

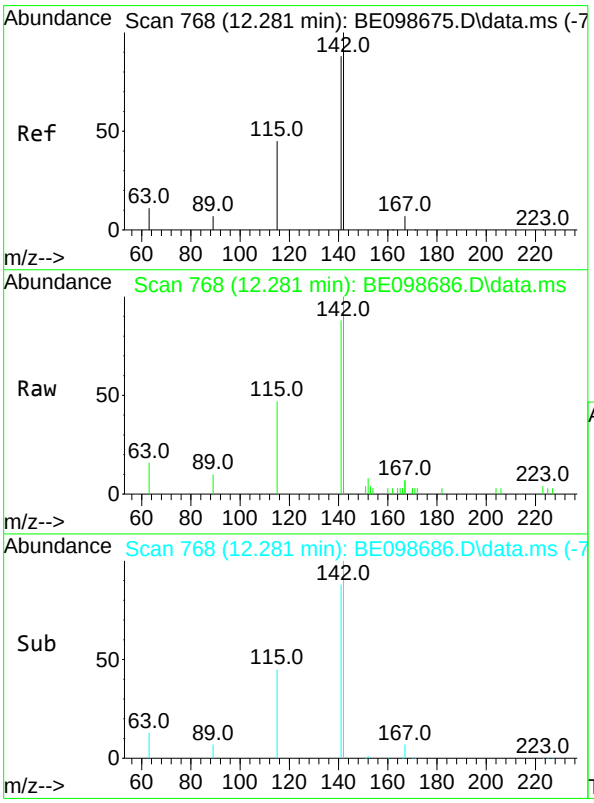


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.209 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:152 Resp: 2921

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

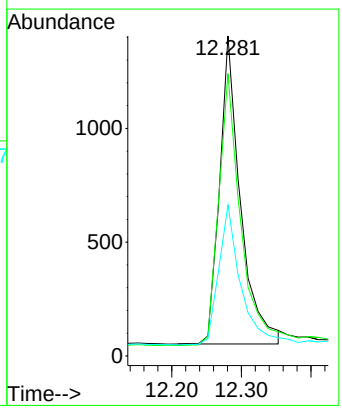




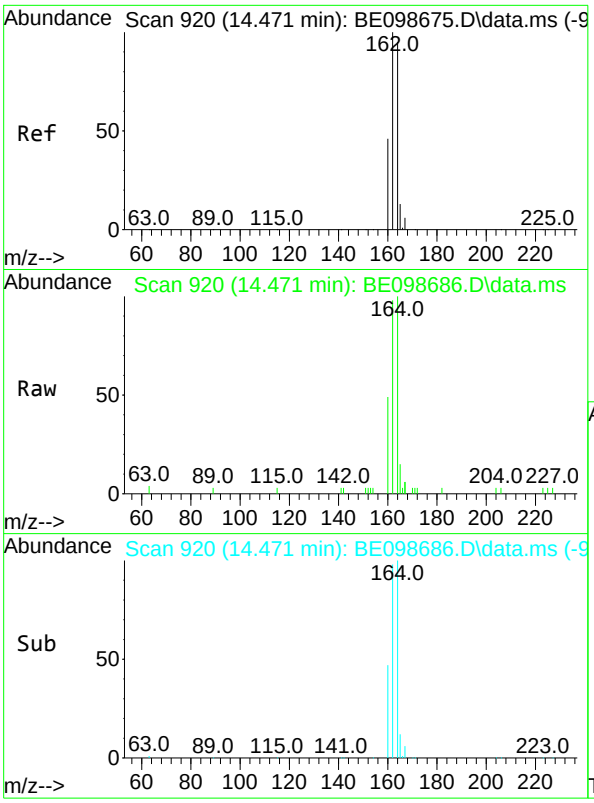
#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.281 min Scan# 768
Delta R.T. -0.000 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:142 Resp: 2820

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.0	105.0
115	47.2	35.2	52.8



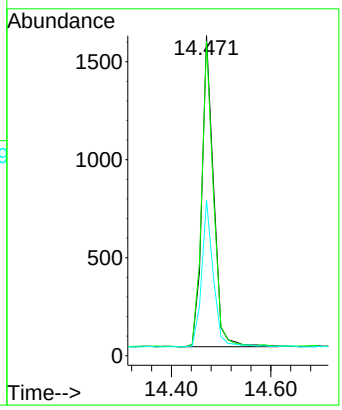
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

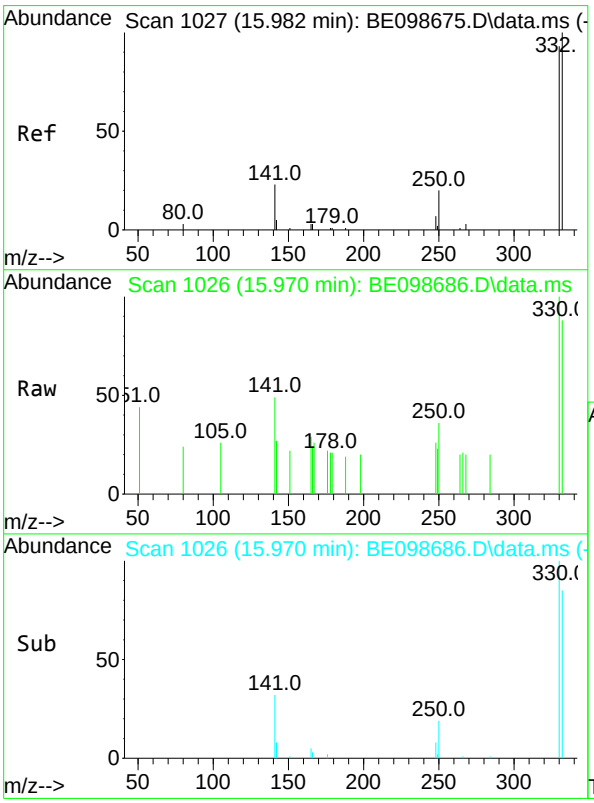


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:164 Resp: 2582

Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.5	120.7
160	48.6	40.1	60.1

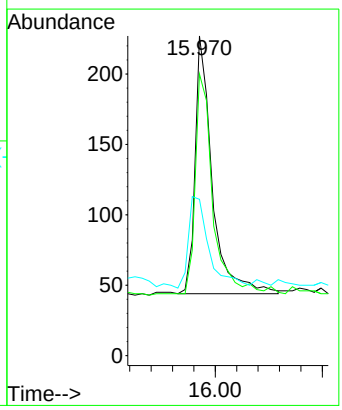




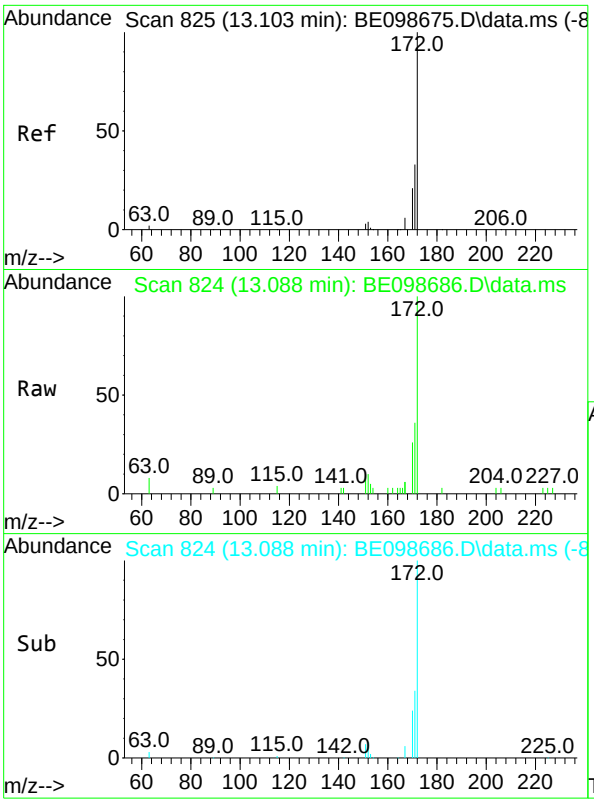
#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.970 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:330 Resp: 409

Ion	Ratio	Lower	Upper
330	100		
332	87.0	73.3	109.9
141	38.4	33.1	49.7



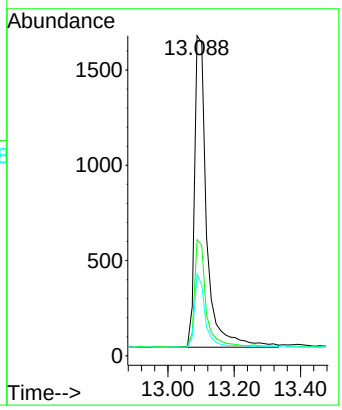
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

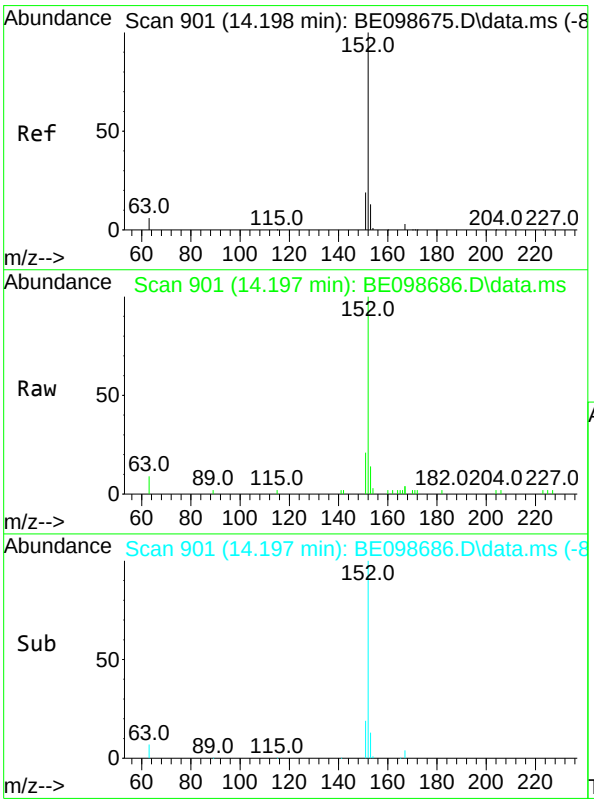


#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.088 min Scan# 824
Delta R.T. -0.015 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:172 Resp: 4203

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	25.5	20.8	31.2

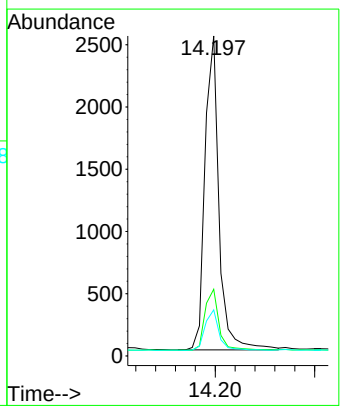




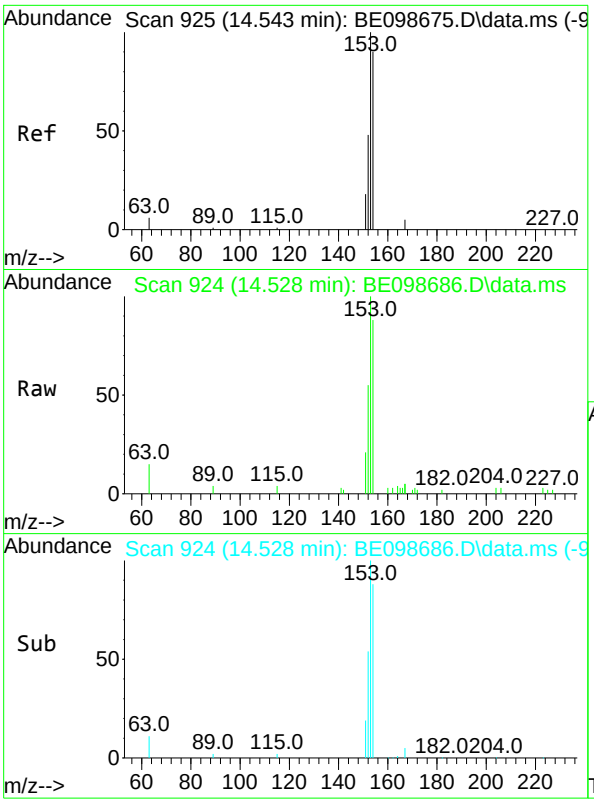
#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.197 min Scan# 901
Delta R.T. -0.001 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:152 Resp: 4932

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	12.8	10.7	16.1



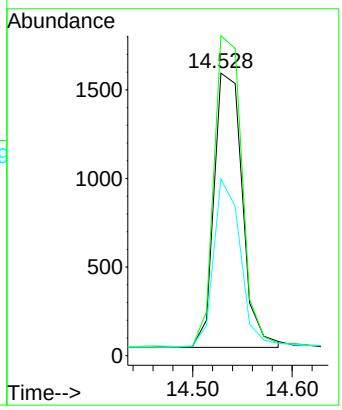
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

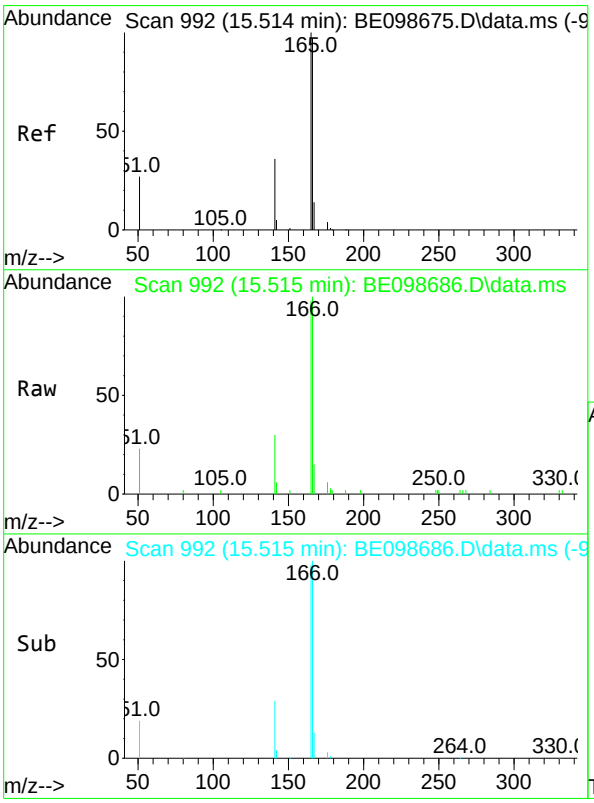


#17
Acenaphthene
Concen: 0.39 ng
RT: 14.528 min Scan# 924
Delta R.T. -0.015 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:154 Resp: 3061

Ion	Ratio	Lower	Upper
154	100		
153	113.0	93.9	140.9
152	57.7	45.8	68.8

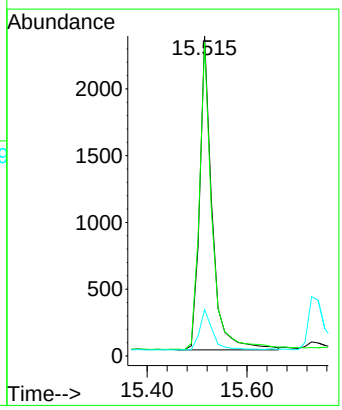




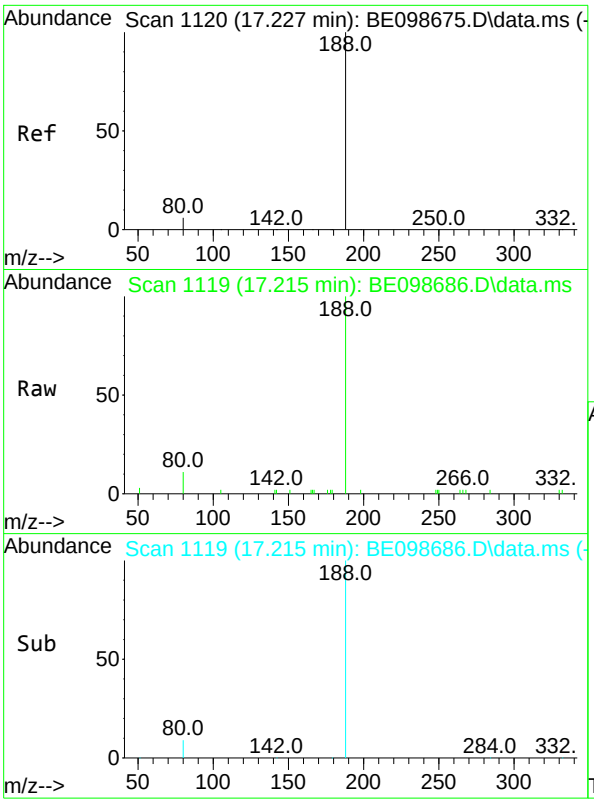
#18
Fluorene
Concen: 0.38 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:166 Resp: 4061

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.3	118.9
167	13.6	10.6	15.8



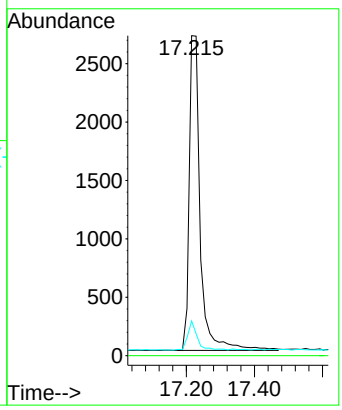
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

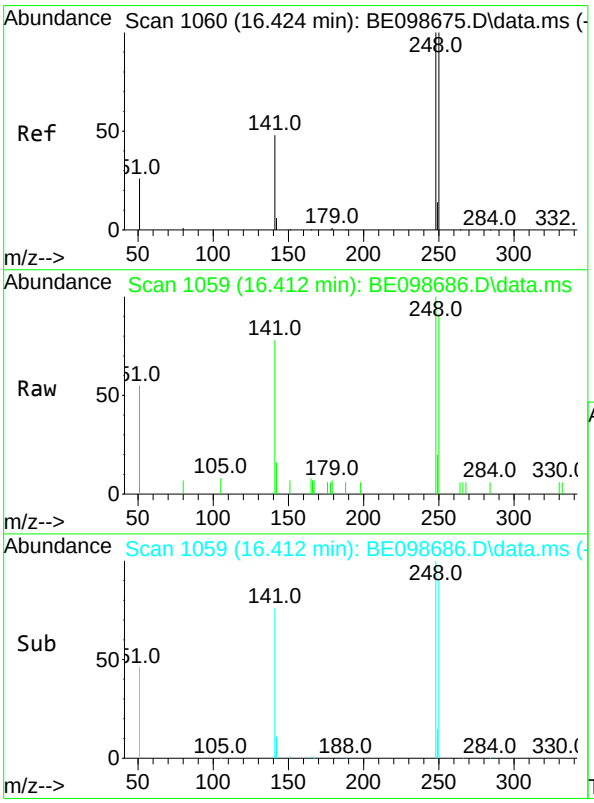


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.215 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:188 Resp: 6026

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	4.7	7.1#

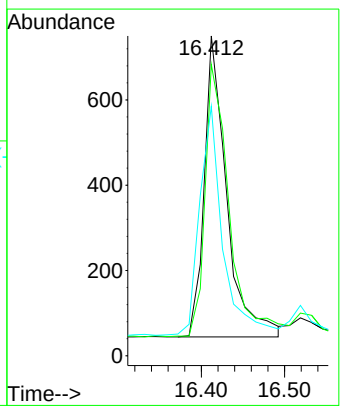




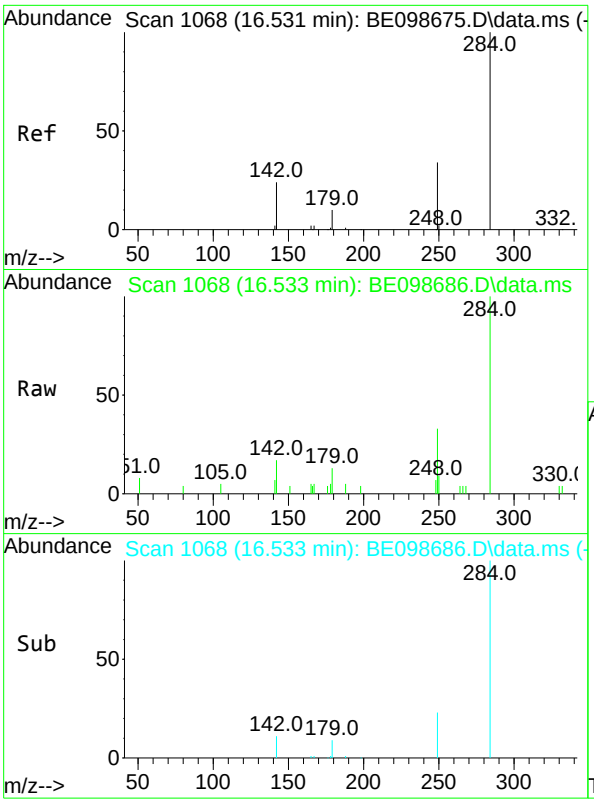
#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.412 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:248 Resp: 1328

Ion	Ratio	Lower	Upper
248	100		
250	91.1	80.2	120.4
141	78.0	60.5	90.7



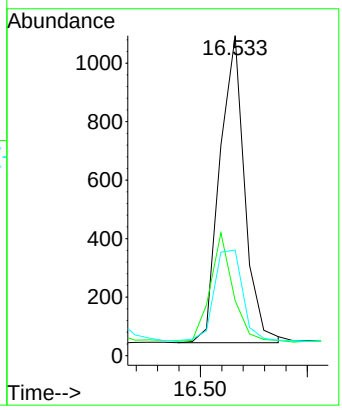
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

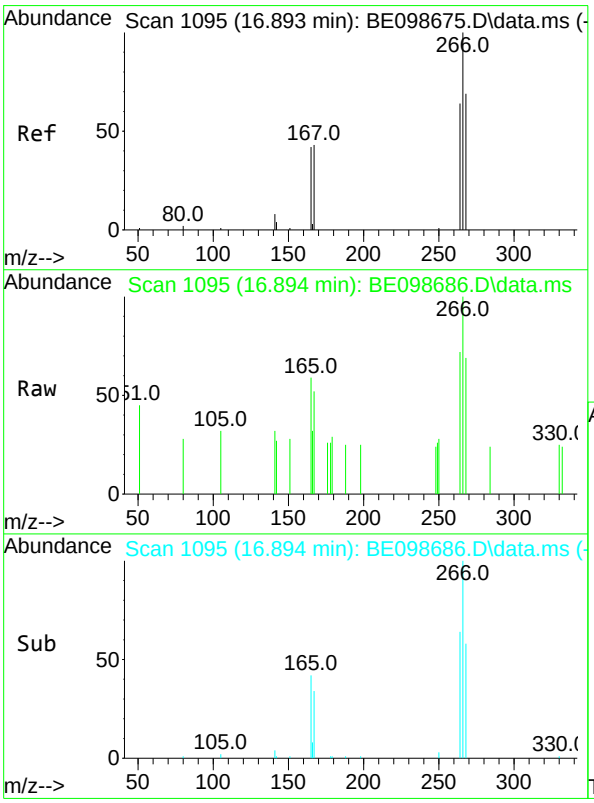


#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.533 min Scan# 1068
Delta R.T. 0.002 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:284 Resp: 1693

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.5	38.3
249	33.6	26.6	39.8

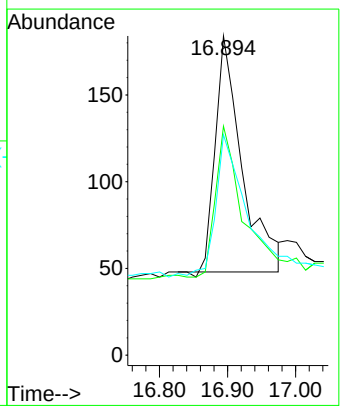




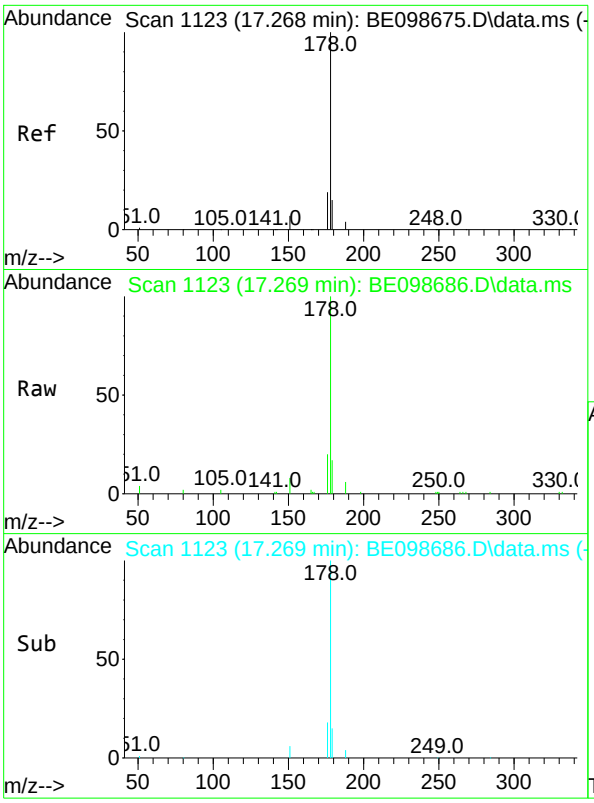
#22
Pentachlorophenol
Concen: 0.35 ng
RT: 16.894 min Scan# 1095
Delta R.T. 0.001 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:266 Resp: 372

Ion	Ratio	Lower	Upper
266	100		
264	71.7	53.7	80.5
268	69.0	59.8	89.8



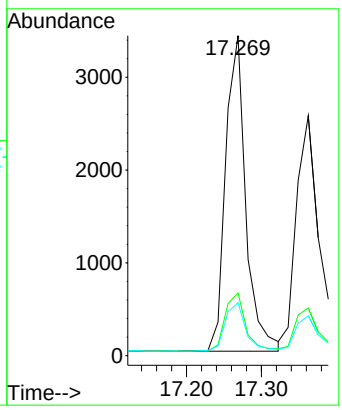
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

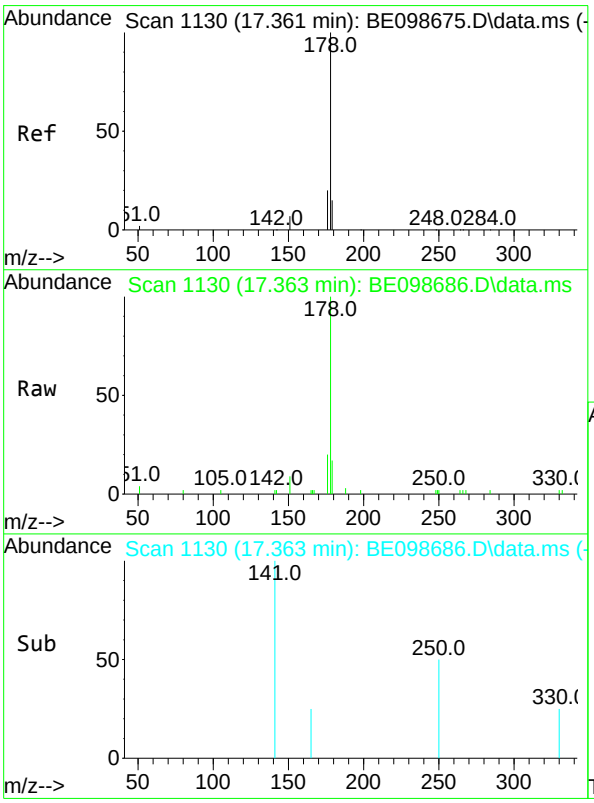


#23
Phenanthrene
Concen: 0.38 ng
RT: 17.269 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:178 Resp: 6357

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	16.1	12.2	18.4

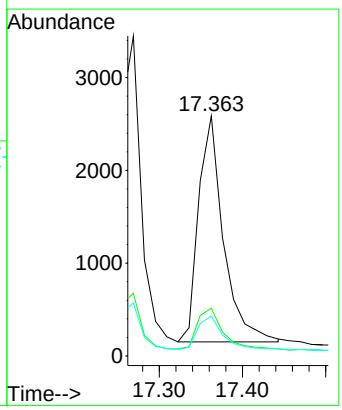


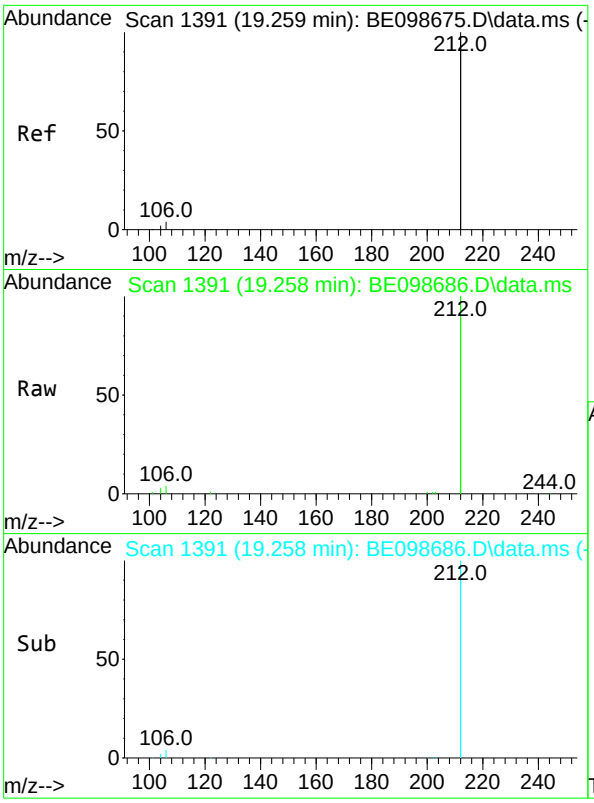


#24
Anthracene
Concen: 0.37 ng
RT: 17.363 min Scan# 1130
Delta R.T. 0.002 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:178 Resp: 5072

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	14.9	11.8	17.8

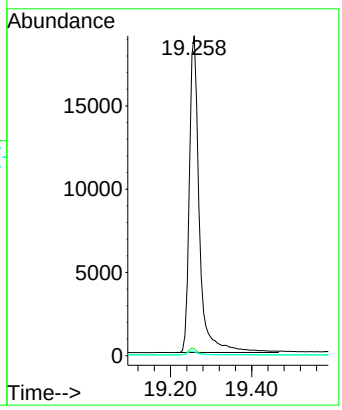




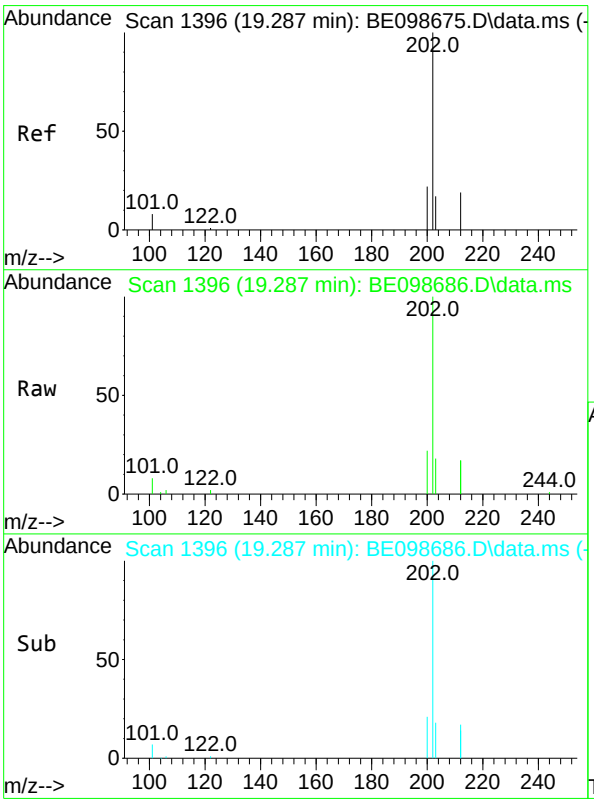
#25
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.258 min Scan# 1391
Delta R.T. -0.001 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:212 Resp: 32763

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.7	2.5
104	1.2	1.0	1.6



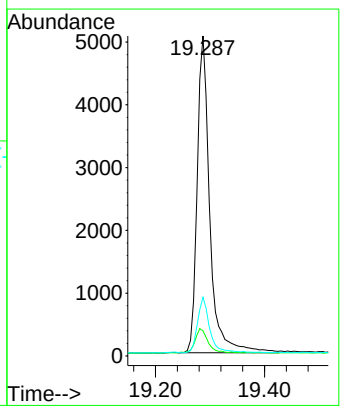
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4



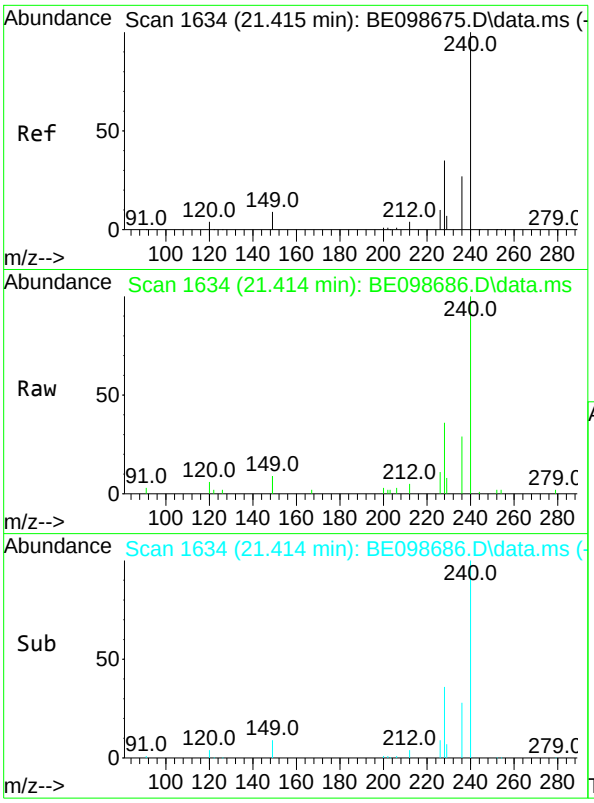
#26
Fluoranthene
Concen: 0.38 ng
RT: 19.287 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:202 Resp: 8095

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.7	10.1
203	17.0	13.3	19.9



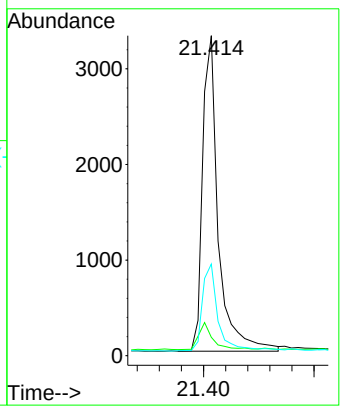
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

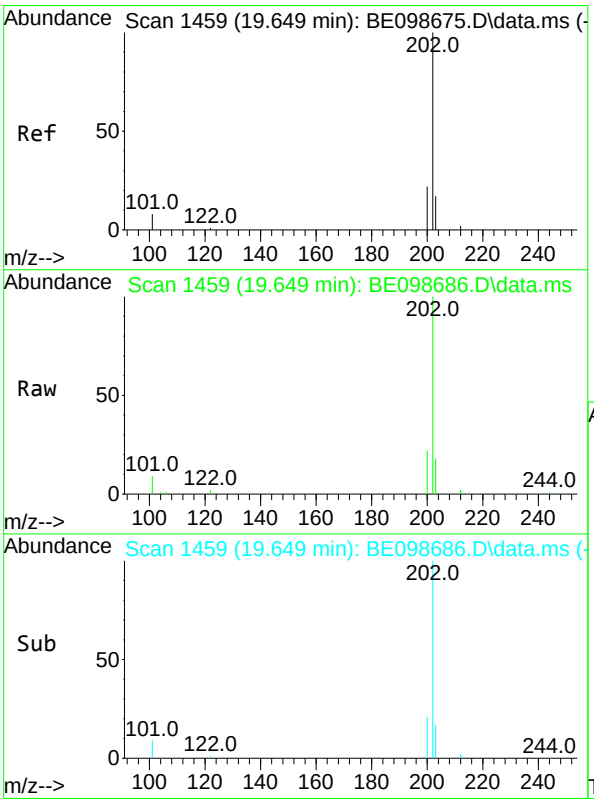


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1634
Delta R.T. -0.001 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:240 Resp: 6499

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.7	7.1
236	28.7	21.9	32.9

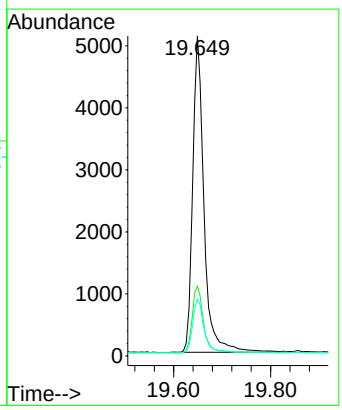




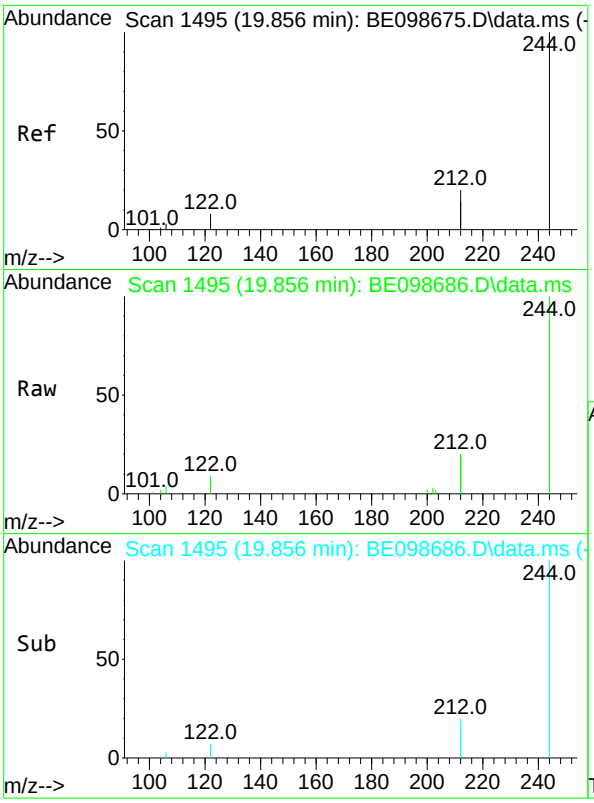
#28
Pyrene
Concen: 0.40 ng
RT: 19.649 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:202 Resp: 8247

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.5	13.8	20.8



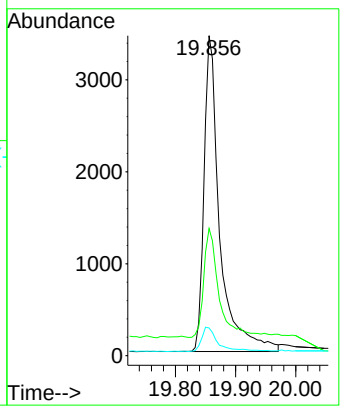
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

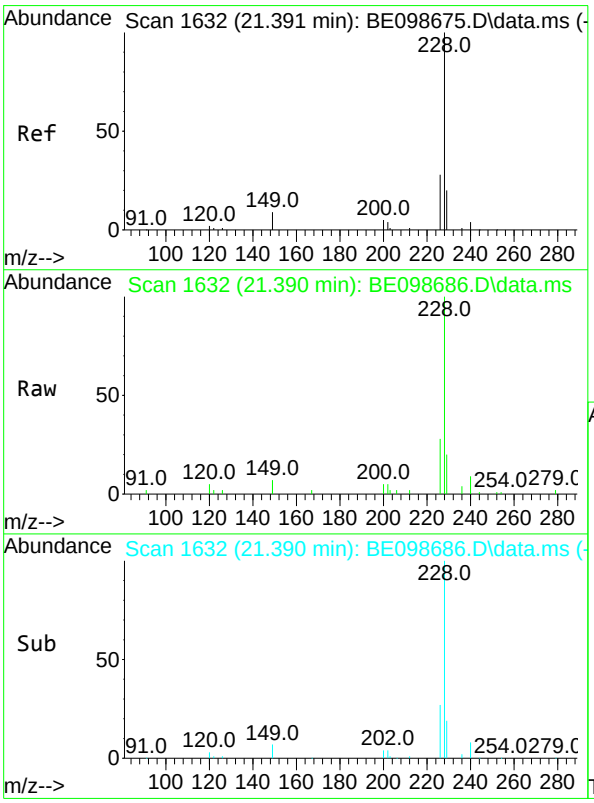


#29
Terphenyl-d14
Concen: 0.39 ng
RT: 19.856 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:244 Resp: 6251

Ion	Ratio	Lower	Upper
244	100		
212	39.8	29.4	44.2
122	8.6	7.1	10.7

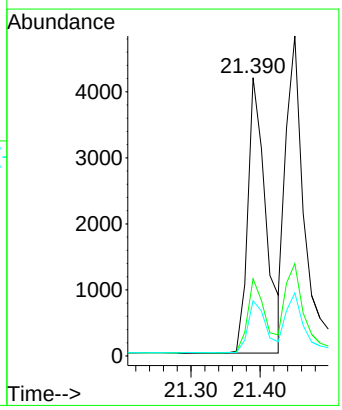




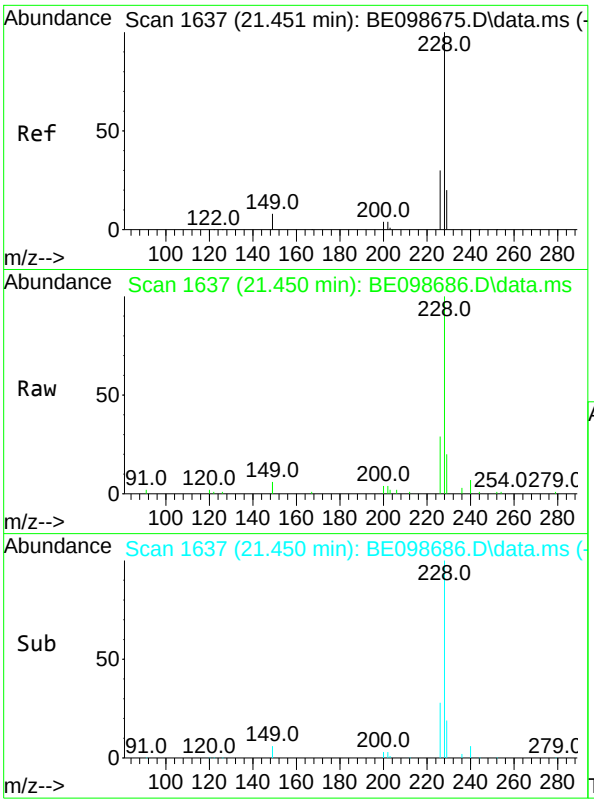
#30
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.390 min Scan# 1632
Delta R.T. -0.001 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:228 Resp: 7557

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.0	34.4
229	19.9	15.0	22.6



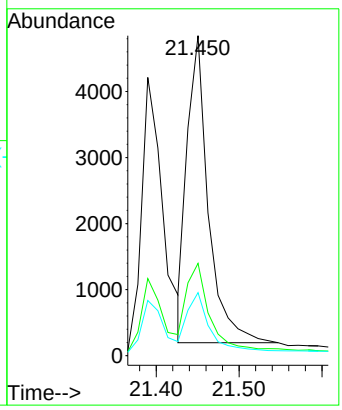
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

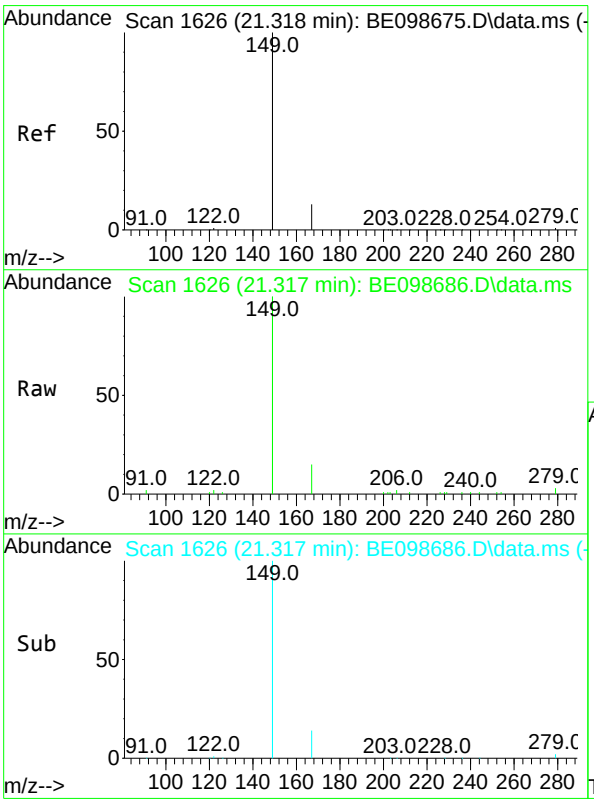


#31
Chrysene
Concen: 0.39 ng
RT: 21.450 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:228 Resp: 8275

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.6	36.8
229	19.7	16.4	24.6

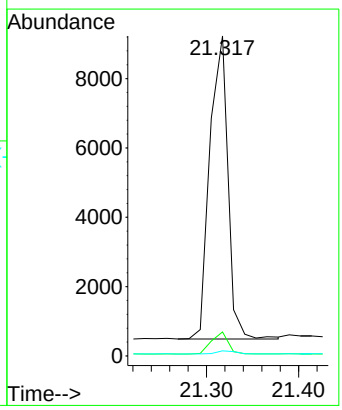




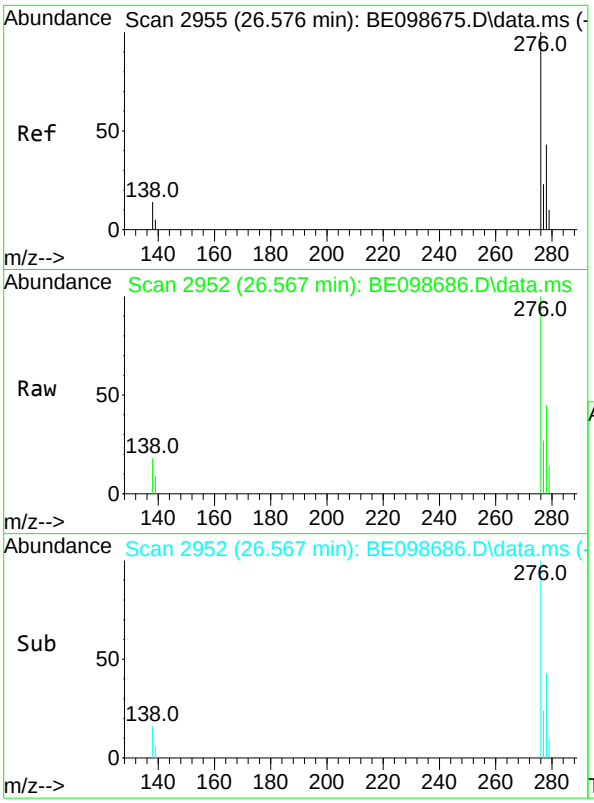
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.317 min Scan# 1626
Delta R.T. -0.001 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:149 Resp: 12001

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.2
279	1.1	1.0	1.4



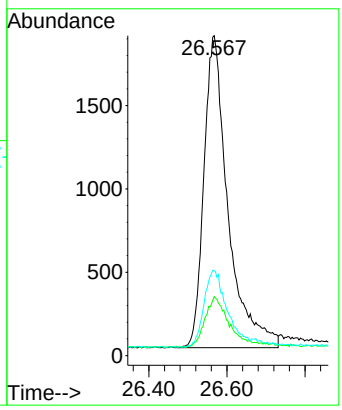
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

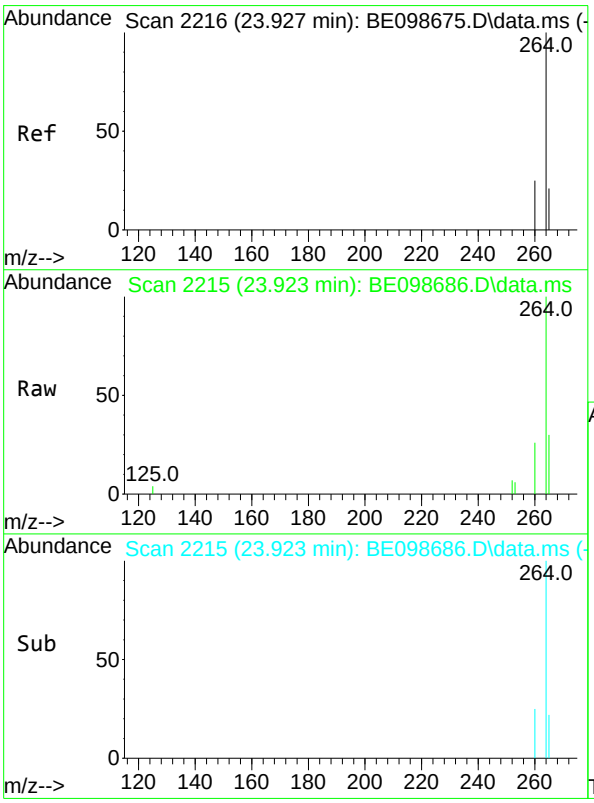


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 26.567 min Scan# 2952
Delta R.T. -0.009 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:276 Resp: 8035

Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.3	19.9
277	23.7	19.4	29.0

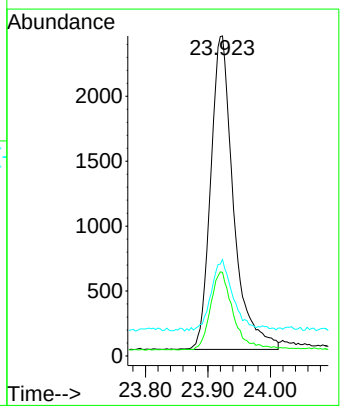




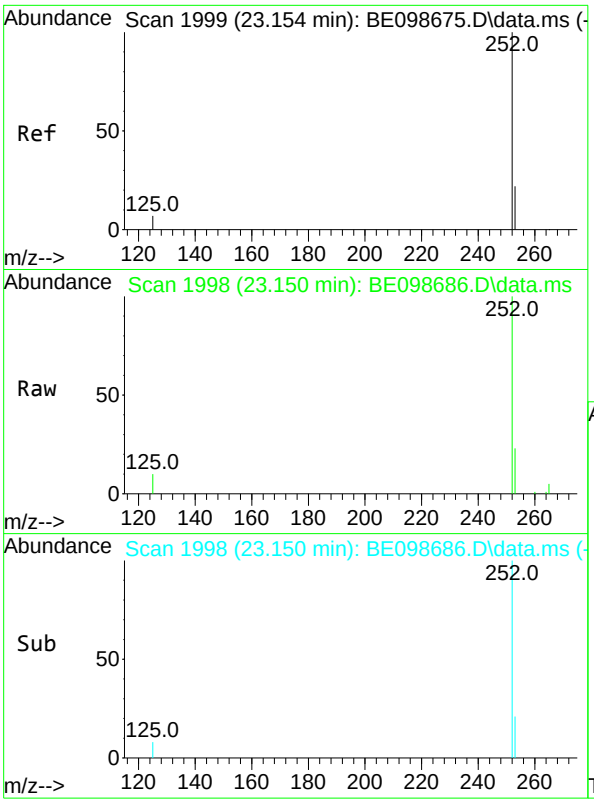
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.923 min Scan# 2215
Delta R.T. -0.004 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:264 Resp: 6117

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	30.1	22.3	33.5



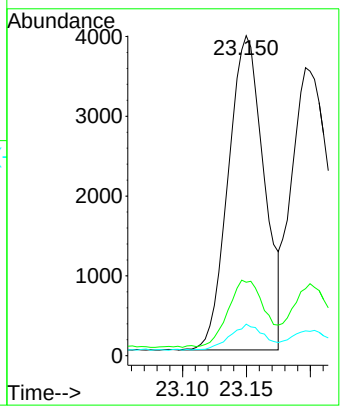
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

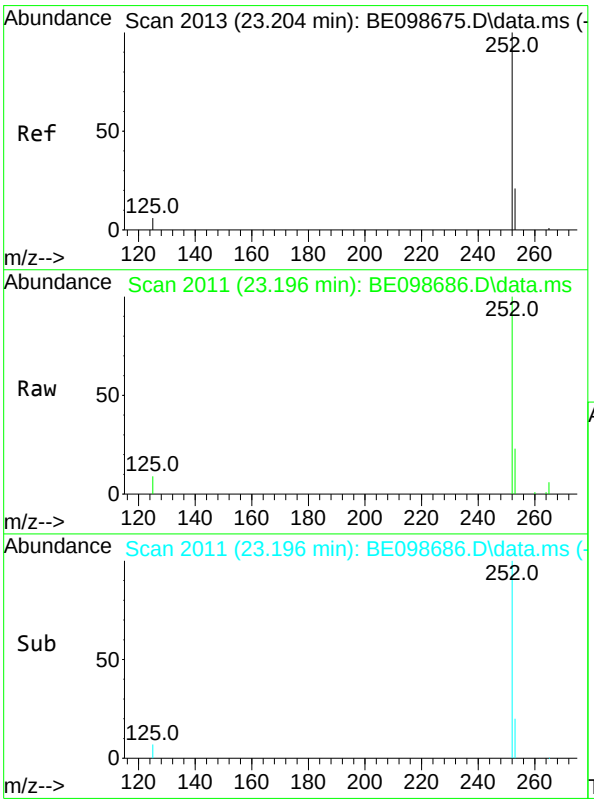


#35
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.150 min Scan# 1998
Delta R.T. -0.004 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:252 Resp: 7655

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.0
125	9.9	8.2	12.4

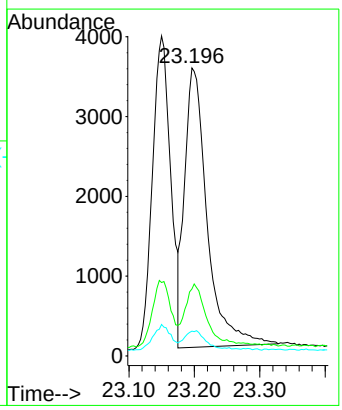




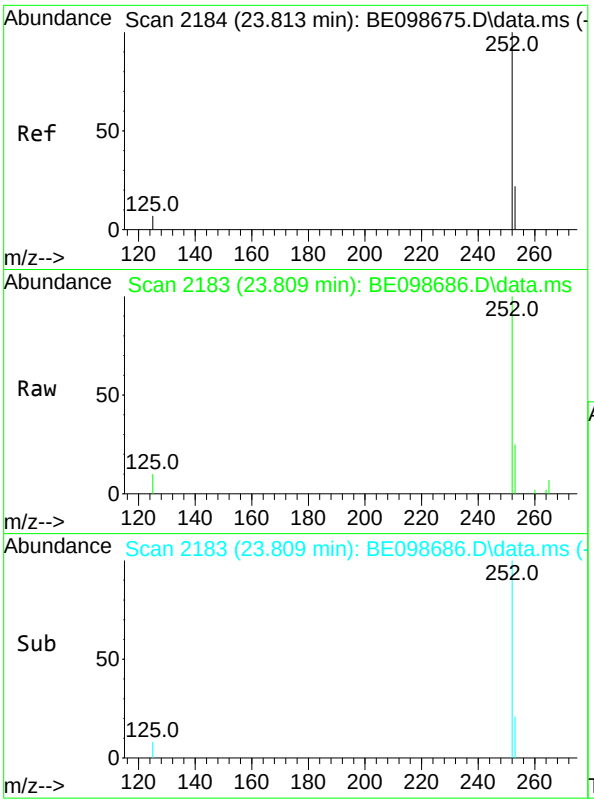
#36
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.196 min Scan# 2011
Delta R.T. -0.008 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:252 Resp: 8401

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	8.6	7.0	10.4



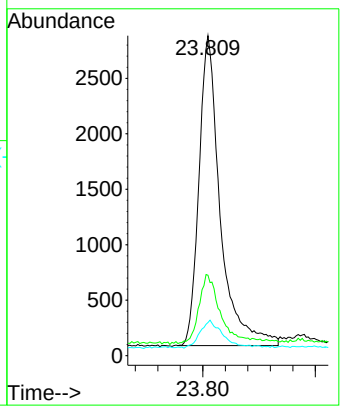
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

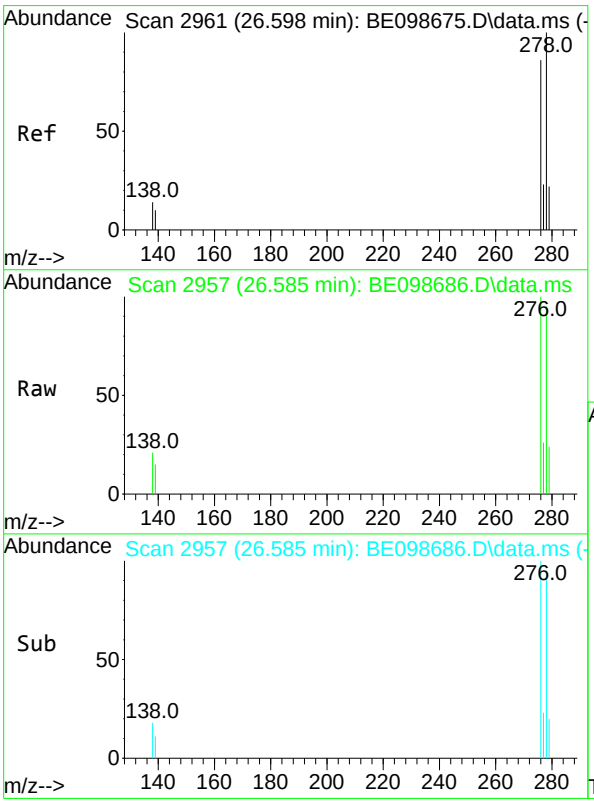


#37
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.809 min Scan# 2183
Delta R.T. -0.004 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:252 Resp: 7351

Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.0	31.4
125	10.3	9.2	13.8

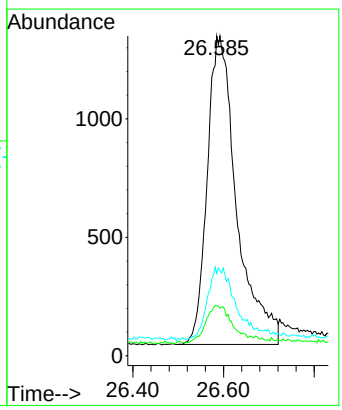


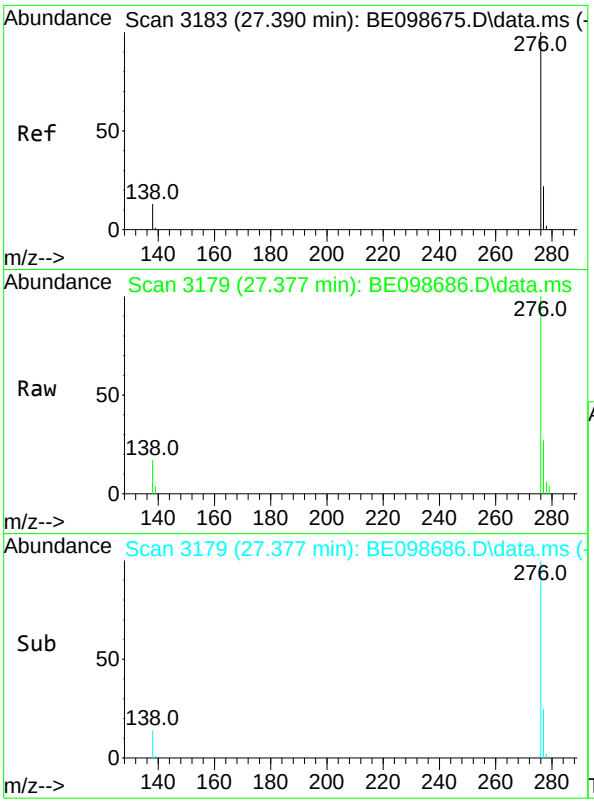


#38
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 26.585 min Scan# 2957
Delta R.T. -0.013 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:278 Resp: 5880

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	25.7	22.0	33.0

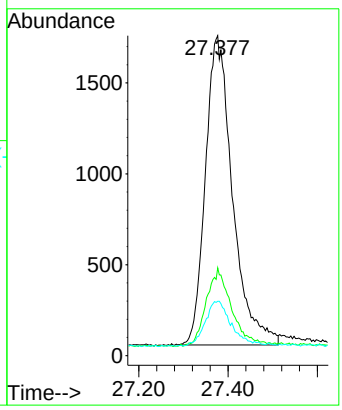




#39
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.377 min Scan# 3179
Delta R.T. -0.013 min
Lab File: BE098686.D
Acq: 1 Feb 2019 10:37

Tgt Ion:276 Resp: 7177

Ion	Ratio	Lower	Upper
276	100		
277	27.4	20.3	30.5
138	17.0	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4