Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098755.D
Acq On : 26 Feb 2019 11:26
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Feb 26 13:33:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE022619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 26 13:31:15 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	812	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	3658	0.40	ng	# 0.01
13) Acenaphthene-d10	14.471	164	2457	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	5819	0.40	ng	# 0.00
27) Chrysene-d12	21.414	240	5836	0.40	ng	# 0.00
34) Perylene-d12	23.926	264	5522	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	178	0.08	ng	0.02
5) Phenol-d6	7.032	99	264	0.09	ng	0.03
8) Nitrobenzene-d5	9.016	82	275	0.09	ng	0.04
11) 2-Methylnaphthalene-d10	12.237	152	661	0.11	ng	0.03
14) 2,4,6-Tribromophenol	15.983	330	77	0.07	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	1016	0.10	ng	0.03
25) Fluoranthene-d10	19.265	212	8213	0.11	ng	0.01
29) Terphenyl-d14	19.869	244	1504	0.12	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.312	88	146	0.09	ng	# 82
3) n-Nitrosodimethylamine	3.704	42	94	0.08	ng	# 66
6) bis(2-Chloroethyl)ether	7.286	93	180	0.08	ng	# 32
9) Naphthalene	10.666	128	4240	0.12	ng	# 93
10) Hexachlorobutadiene	10.926	225	303	0.12	ng	96
12) 2-Methylnaphthalene	12.310	142	587	0.10	ng	# 88
16) Acenaphthylene	14.197	152	1184	0.11	ng	96
17) Acenaphthene	14.543	154	712	0.11	ng	98
18) Fluorene	15.528	166	977	0.11	ng	98
20) 4-Bromophenyl-phenylether	16.425	248	291	0.09	ng	# 87
21) Hexachlorobenzene	16.532	284	396	0.11	ng	99
22) Pentachlorophenol	16.907	266	151	0.14	ng	85
23) Phenanthrene	17.268	178	1532	0.11	ng	99
24) Anthracene	17.375	178	993	0.08	ng	# 96
26) Fluoranthene	19.294	202	2010	0.11	ng	97
28) Pyrene	19.656	202	2065	0.13	ng	98
30) Benzo(a)anthracene	21.401	228	1522	0.10	ng	# 90
31) Chrysene	21.450	228	1973	0.12	ng	# 92
32) Bis(2-ethylhexyl)phtha...	21.317	149	4043	0.12	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.602	276	944	0.06	ng	# 77
35) Benzo(b)fluoranthene	23.160	252	1603	0.11	ng	# 69
36) Benzo(k)fluoranthene	23.206	252	1628	0.10	ng	# 72
37) Benzo(a)pyrene	23.823	252	1466	0.10	ng	# 48
38) Dibenzo(a,h)anthracene	26.609	278	128	0.01	ng	# 19
39) Benzo(g,h,i)perylene	27.408	276	1295	0.09	ng	# 73

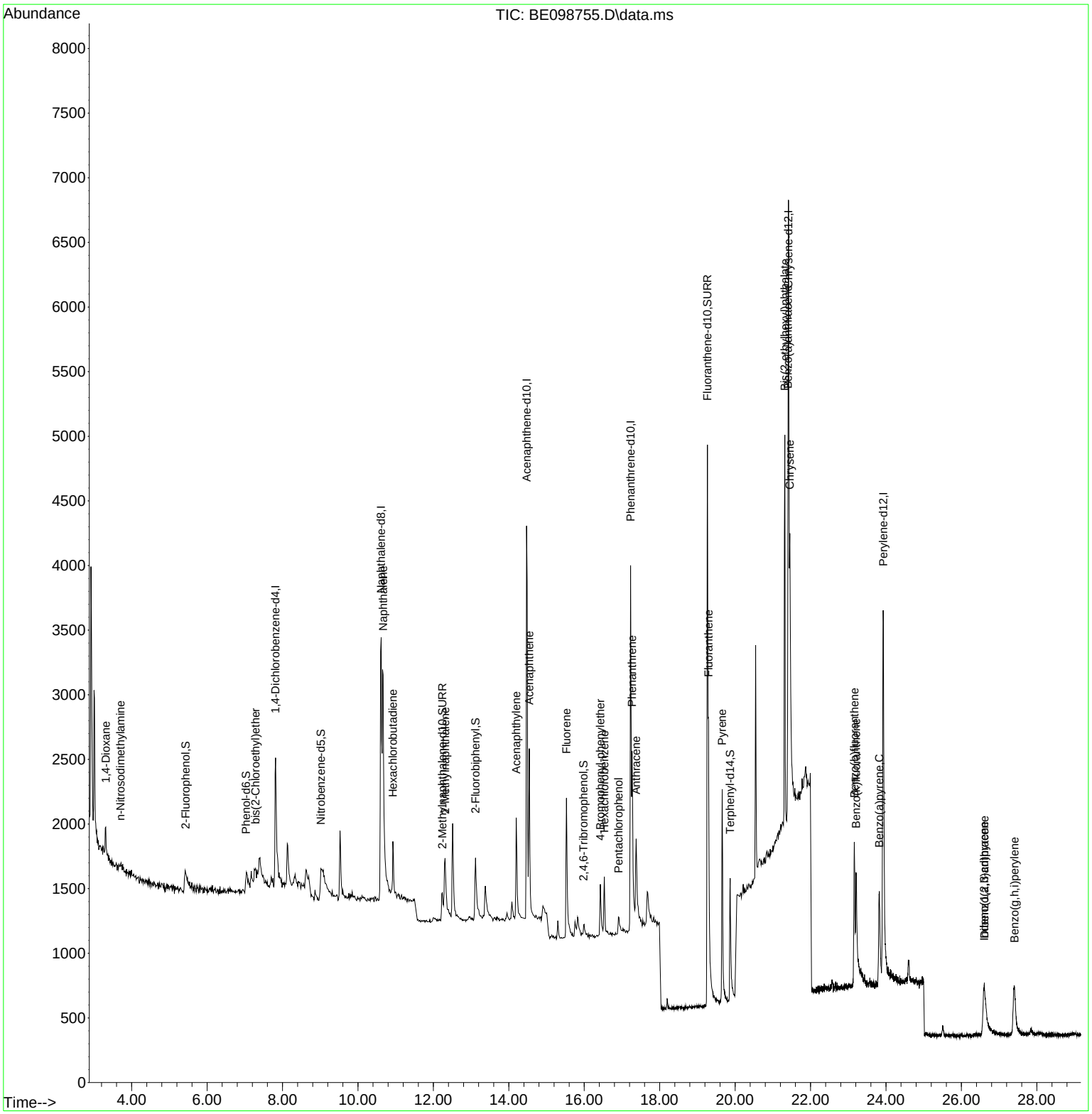
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

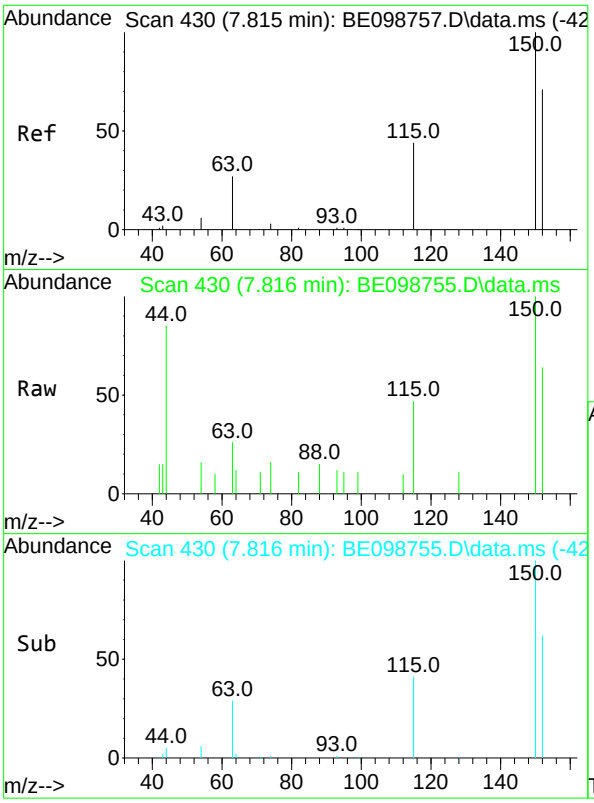
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098755.D
Acq On : 26 Feb 2019 11:26
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Feb 26 13:33:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE022619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 26 13:31:15 2019
Response via : Initial Calibration



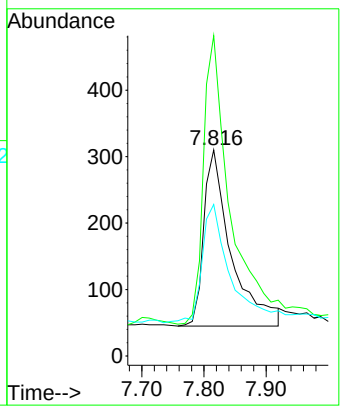
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

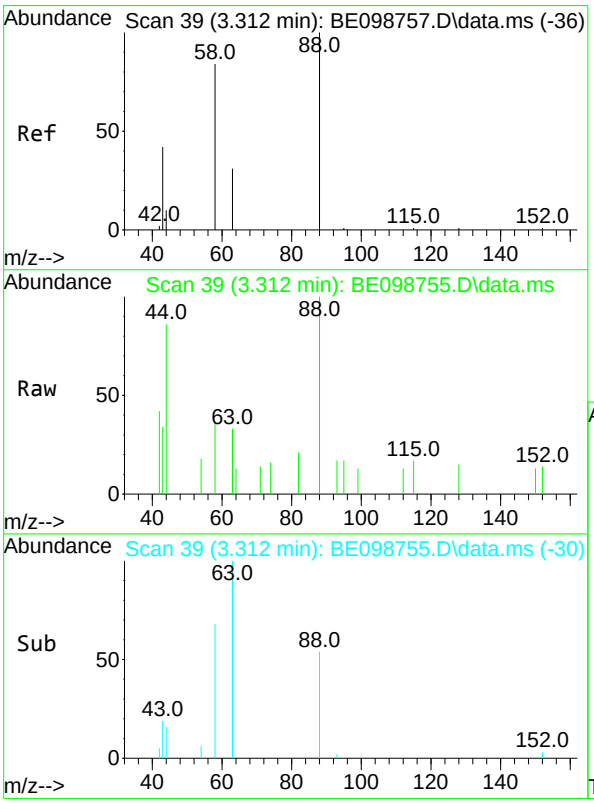


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.816 min Scan# 430
Delta R.T. 0.000 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:152 Resp: 812

Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.4	182.2
115	73.5	59.1	88.7

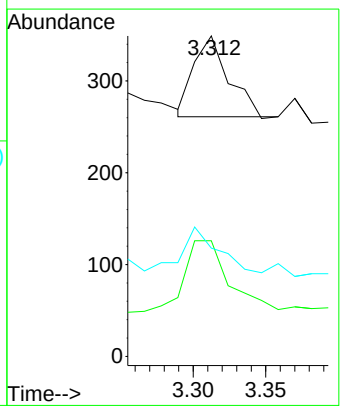




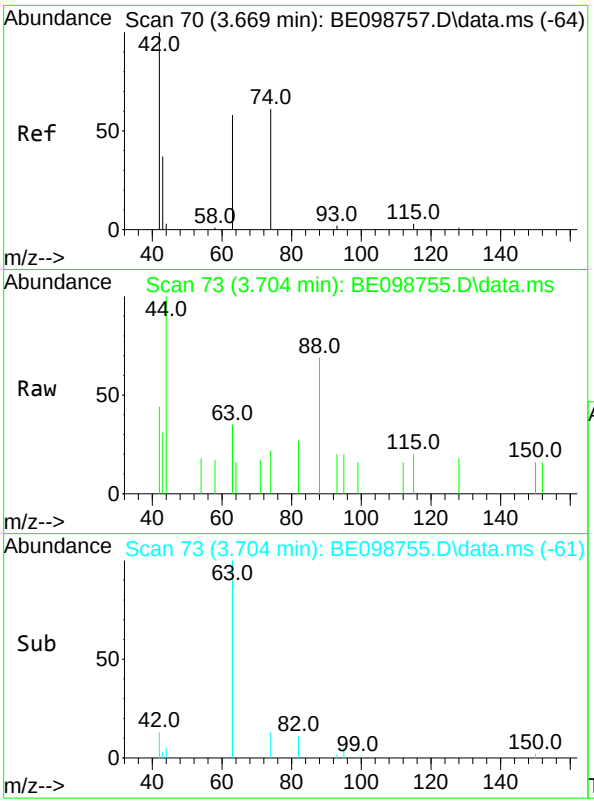
#2
1,4-Dioxane
Concen: 0.09 ng
RT: 3.312 min Scan# 39
Delta R.T. 0.000 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion: 88 Resp: 146

Ion	Ratio	Lower	Upper
88	100		
58	116.4	73.9	110.9#
43	58.9	43.7	65.5



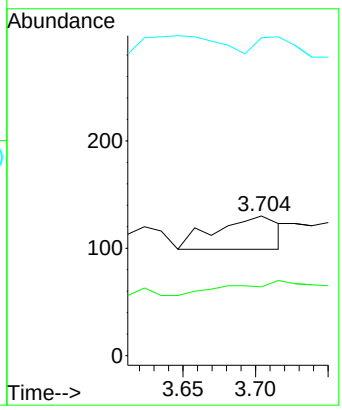
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

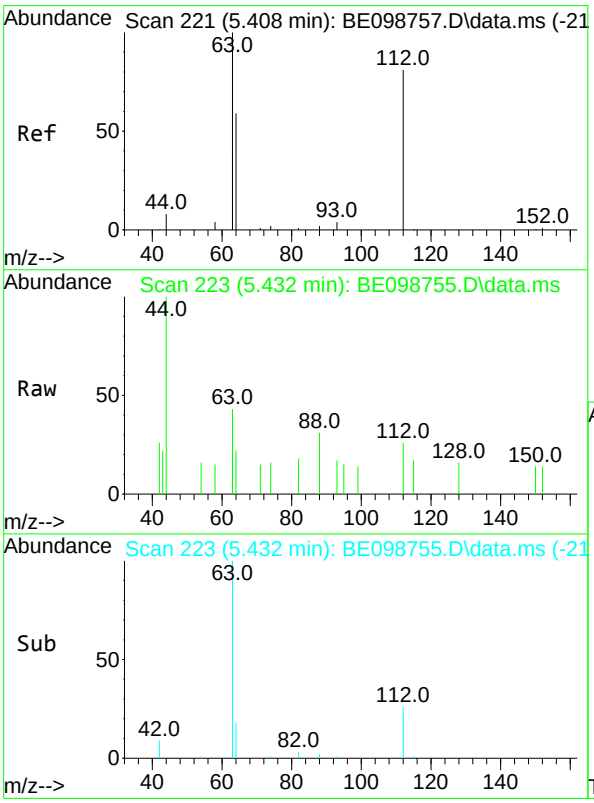


#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.704 min Scan# 73
Delta R.T. 0.035 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion: 42 Resp: 94

Ion	Ratio	Lower	Upper
42	100		
74	44.7	58.9	88.3#
44	28.7	0.0	0.0#

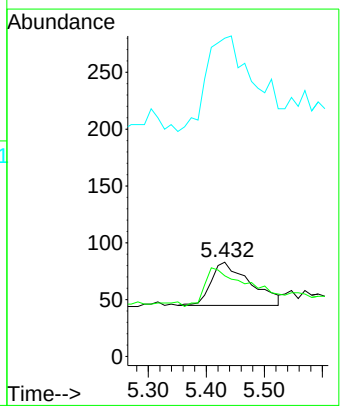




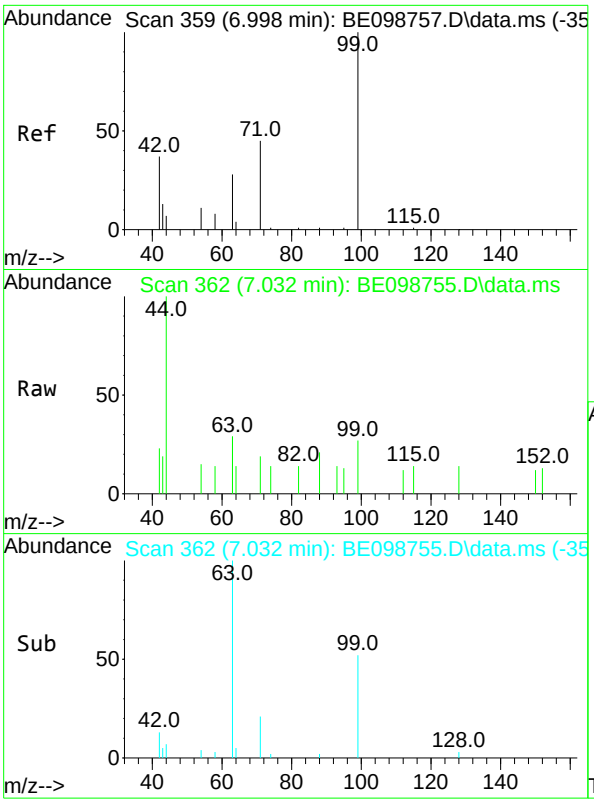
#4
2-Fluorophenol
Concen: 0.08 ng
RT: 5.432 min Scan# 223
Delta R.T. 0.023 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:112 Resp: 178

Ion	Ratio	Lower	Upper
112	100		
64	0.0	62.9	94.3#
63	274.7	152.2	228.4#



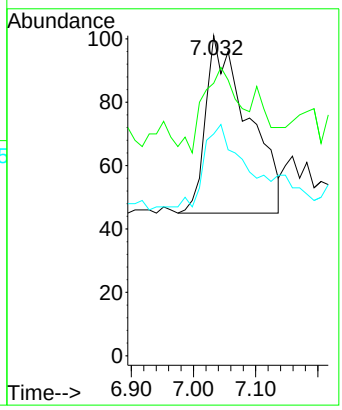
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

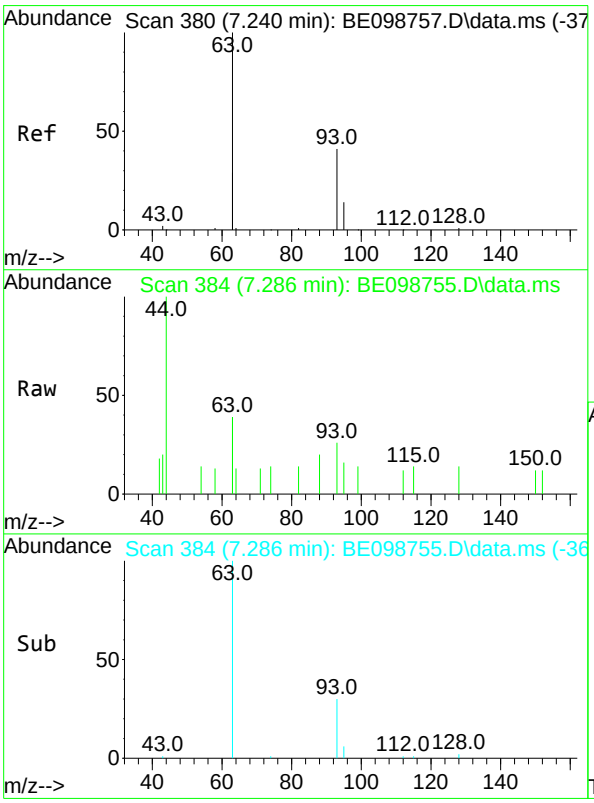


#5
Phenol-d6
Concen: 0.09 ng
RT: 7.032 min Scan# 362
Delta R.T. 0.035 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion: 99 Resp: 264

Ion	Ratio	Lower	Upper
99	100		
42	36.0	24.6	37.0
71	43.6	35.1	52.7

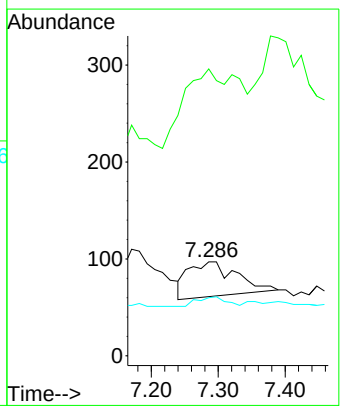




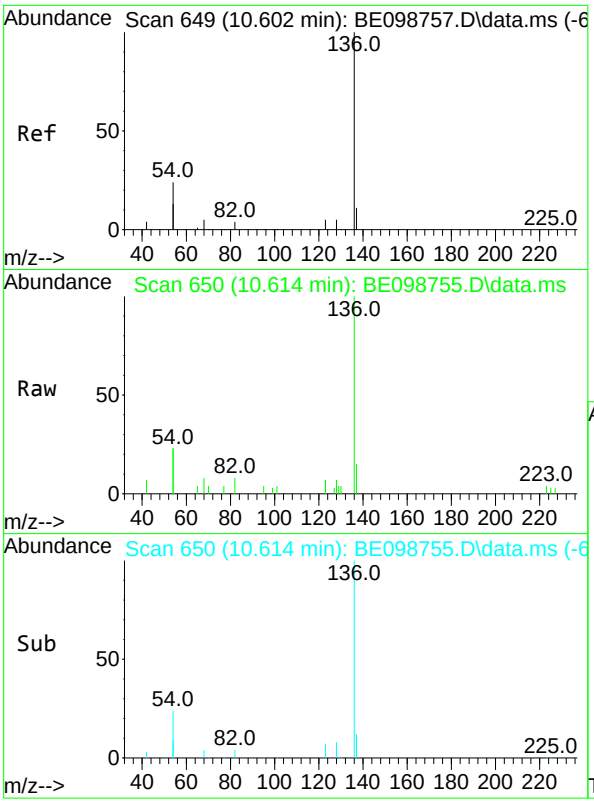
#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.286 min Scan# 384
Delta R.T. 0.046 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion: 93 Resp: 180

Ion	Ratio	Lower	Upper
93	100		
63	182.8	267.3	400.9#
95	16.1	26.2	39.4#



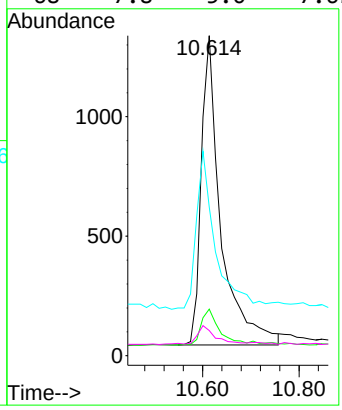
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

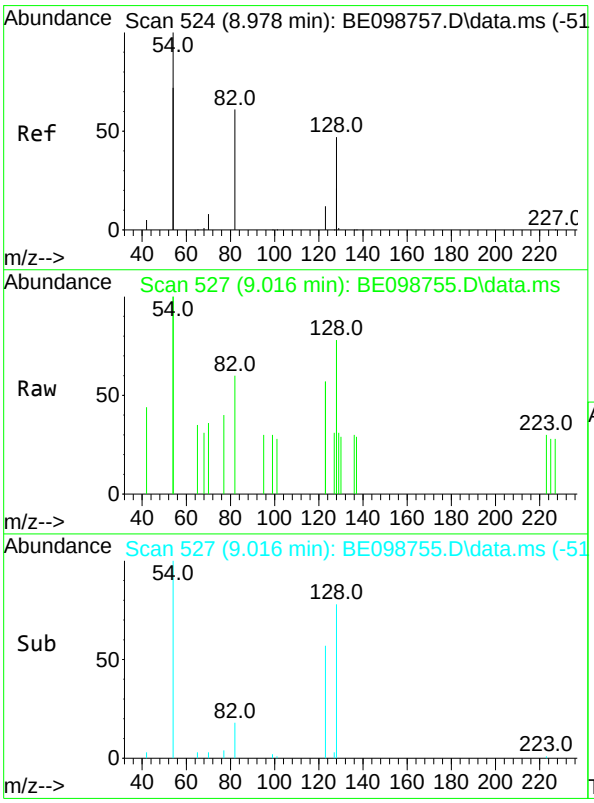


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. 0.012 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:136 Resp: 3658

Ion	Ratio	Lower	Upper
136	100		
137	14.6	9.7	14.5#
54	46.5	35.5	53.3
68	7.8	5.0	7.6#

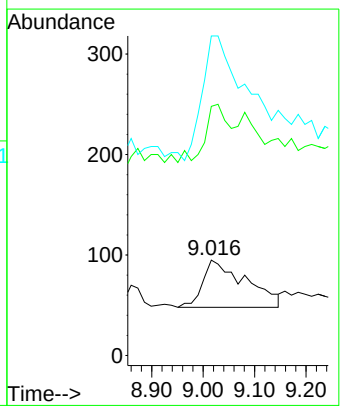




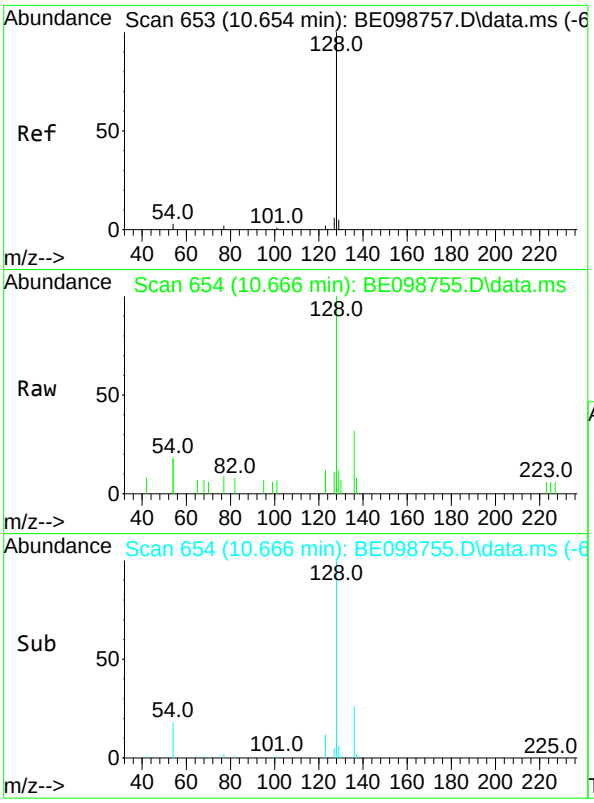
#8
Nitrobenzene-d5
Concen: 0.09 ng
RT: 9.016 min Scan# 527
Delta R.T. 0.038 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion: 82 Resp: 275

Ion	Ratio	Lower	Upper
82	100		
128	261.1	96.5	144.7#
54	334.7	224.7	337.1



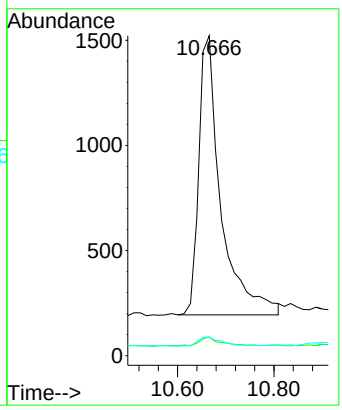
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

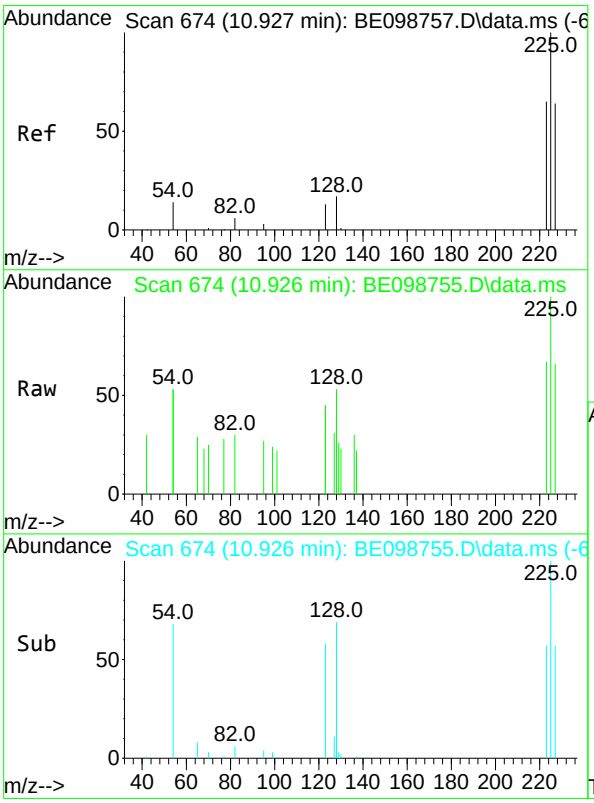


#9
Naphthalene
Concen: 0.12 ng
RT: 10.666 min Scan# 654
Delta R.T. 0.012 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:128 Resp: 4240

Ion	Ratio	Lower	Upper
128	100		
129	5.8	2.6	3.8#
127	5.7	3.0	4.6#

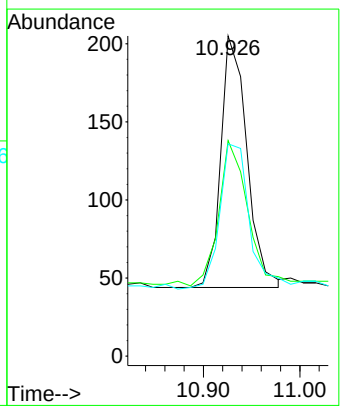


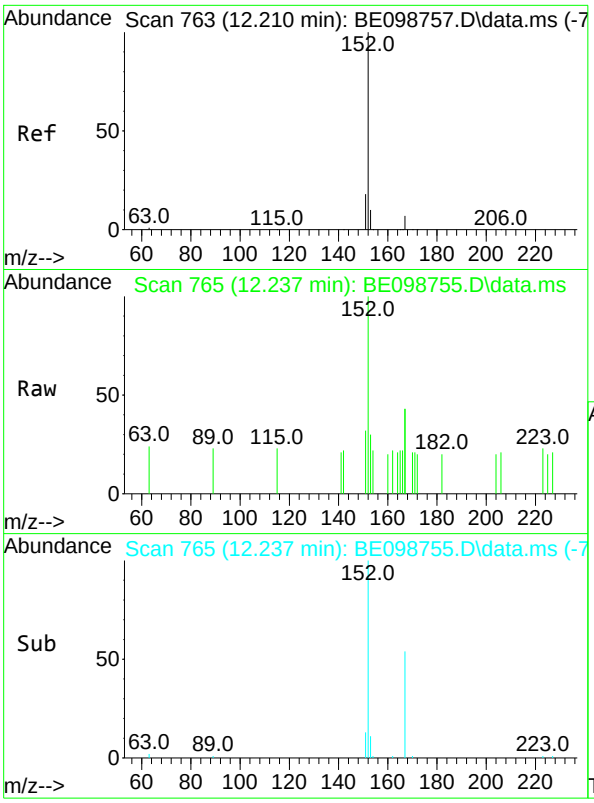


#10
Hexachlorobutadiene
Concen: 0.12 ng
RT: 10.926 min Scan# 674
Delta R.T. -0.001 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:225 Resp: 303

Ion	Ratio	Lower	Upper
225	100		
223	62.4	47.8	71.8
227	66.0	50.5	75.7

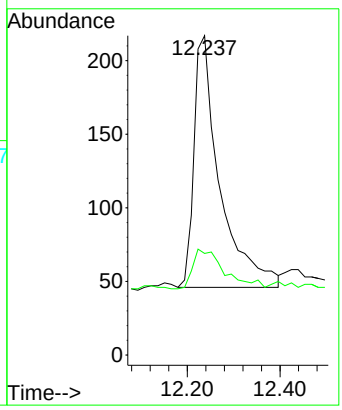




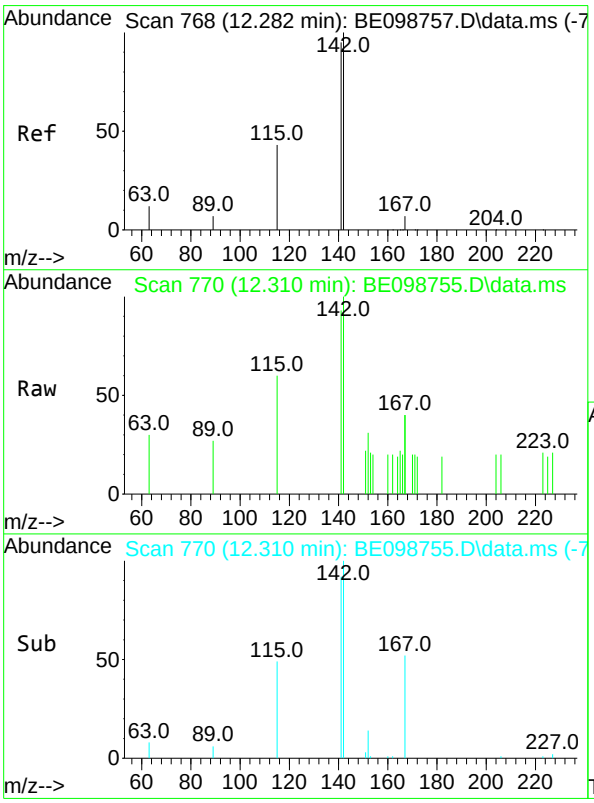
#11
2-Methylnaphthalene-d10
Concen: 0.11 ng
RT: 12.237 min Scan# 765
Delta R.T. 0.028 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:152 Resp: 661

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4



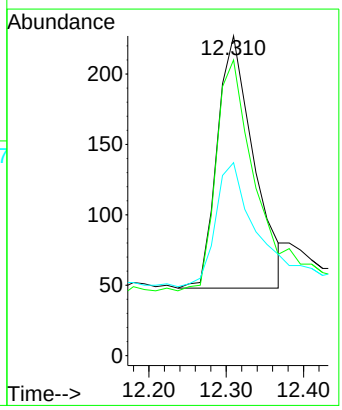
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1



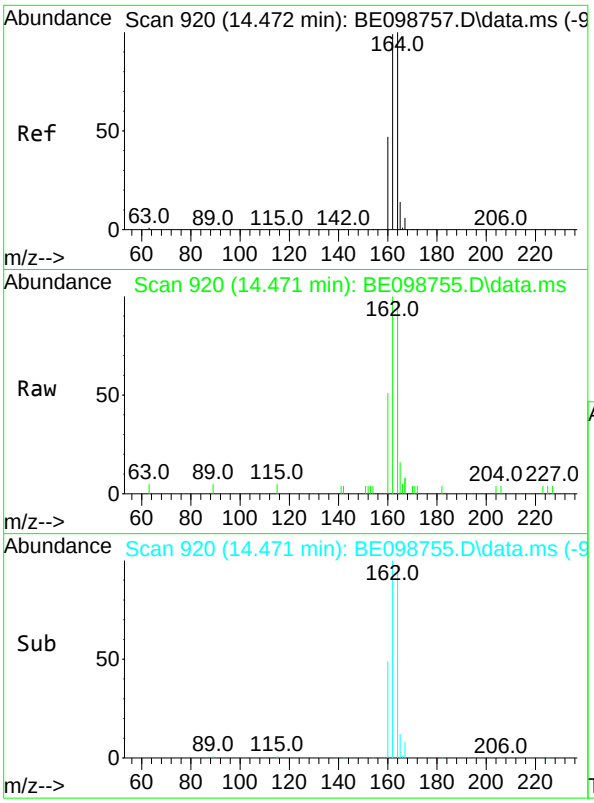
#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.310 min Scan# 770
Delta R.T. 0.028 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:142 Resp: 587

Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.0	105.0
115	60.4	35.2	52.8#



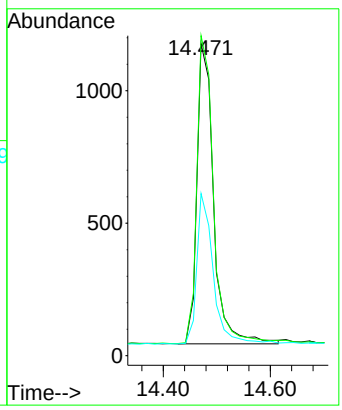
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

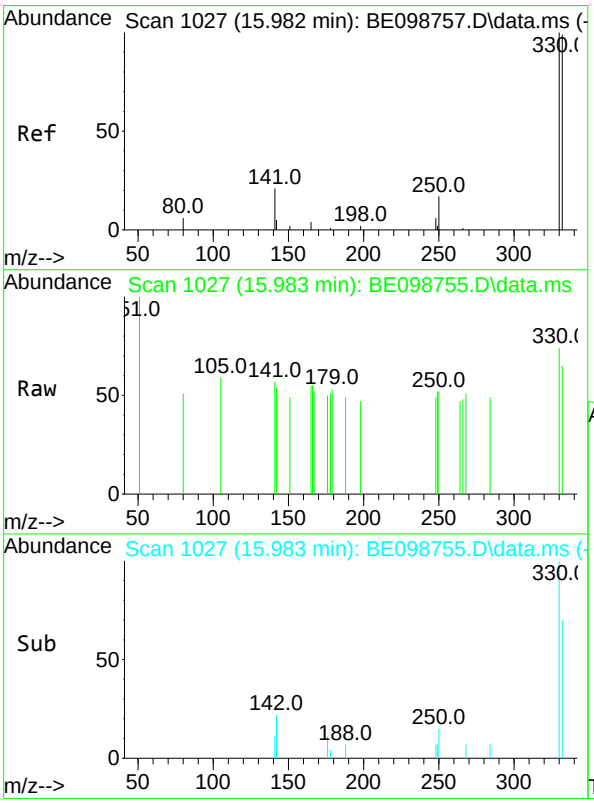


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:164 Resp: 2457

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.5	120.7
160	52.0	40.1	60.1

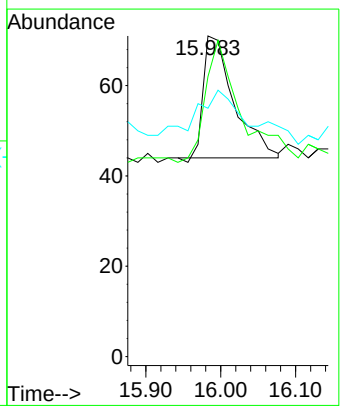




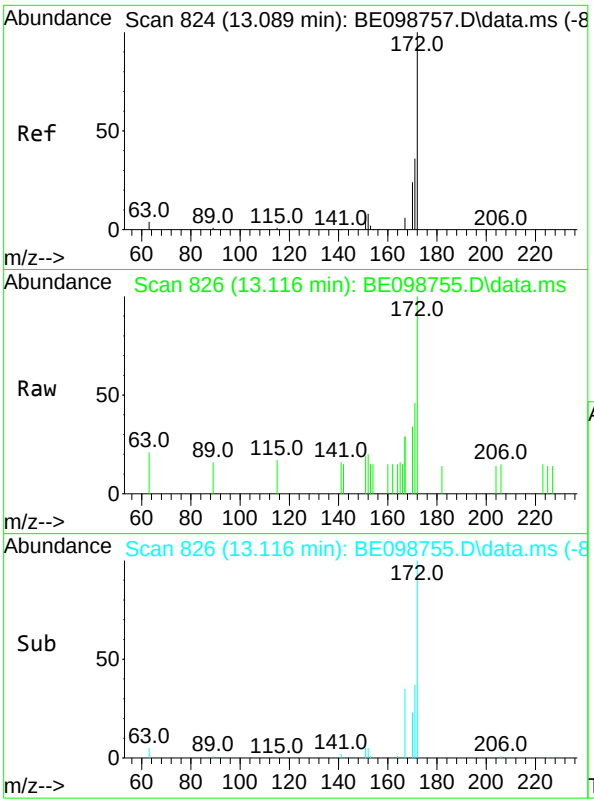
#14
2,4,6-Tribromophenol
Concen: 0.07 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:330 Resp: 77

Ion	Ratio	Lower	Upper
330	100		
332	116.9	73.3	109.9#
141	46.8	33.1	49.7



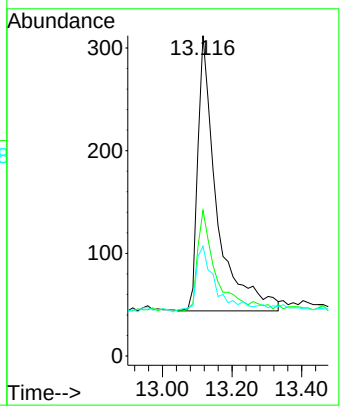
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

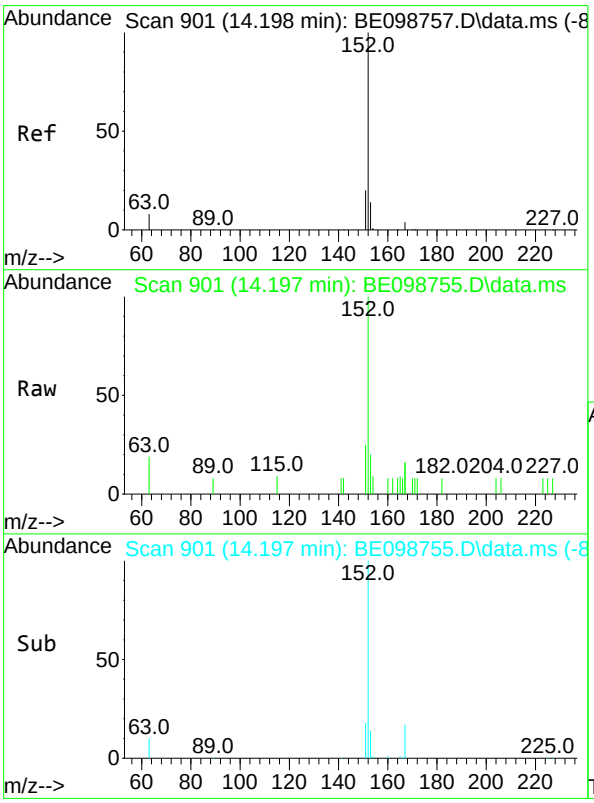


#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 13.116 min Scan# 826
Delta R.T. 0.028 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:172 Resp: 1016

Ion	Ratio	Lower	Upper
172	100		
171	45.5	29.0	43.4#
170	34.3	20.8	31.2#

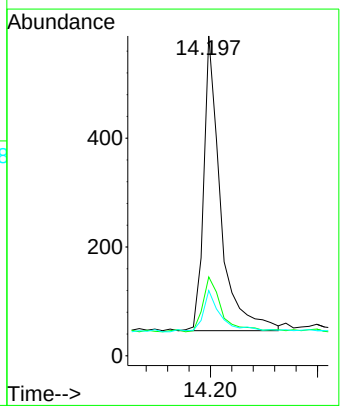




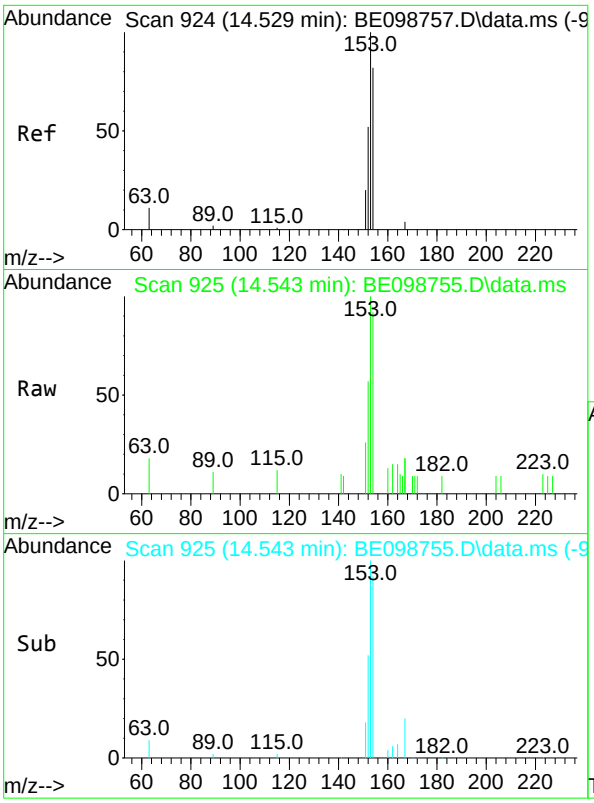
#16
Acenaphthylene
Concen: 0.11 ng
RT: 14.197 min Scan# 901
Delta R.T. -0.001 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:152 Resp: 1184

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	15.5	10.7	16.1



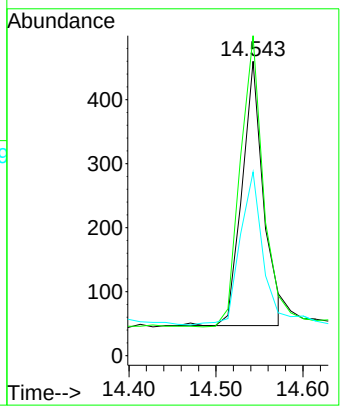
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

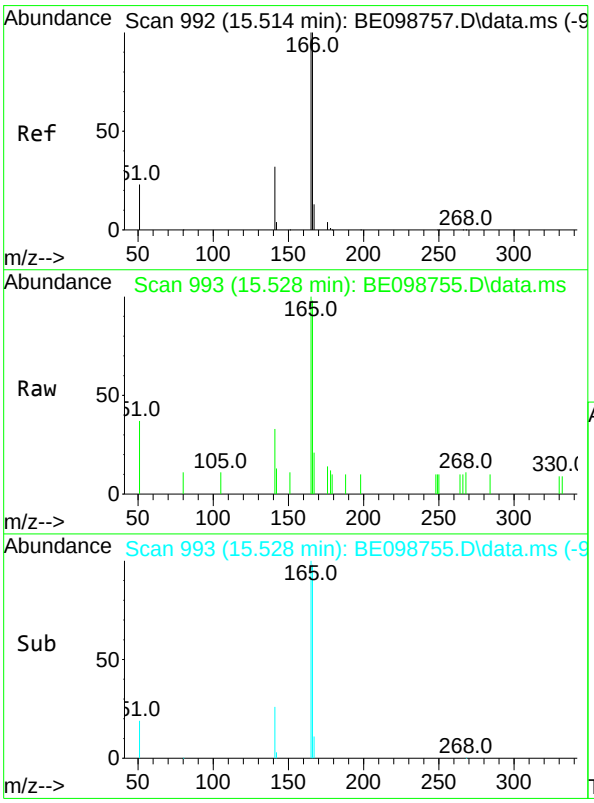


#17
Acenaphthene
Concen: 0.11 ng
RT: 14.543 min Scan# 925
Delta R.T. 0.013 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:154 Resp: 712

Ion	Ratio	Lower	Upper
154	100		
153	116.9	93.9	140.9
152	60.0	45.8	68.8

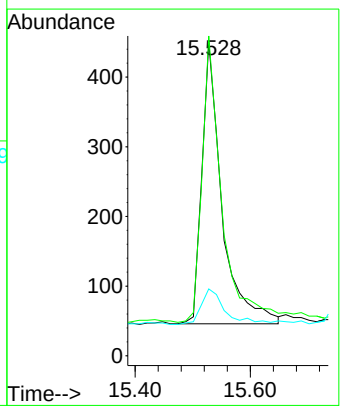




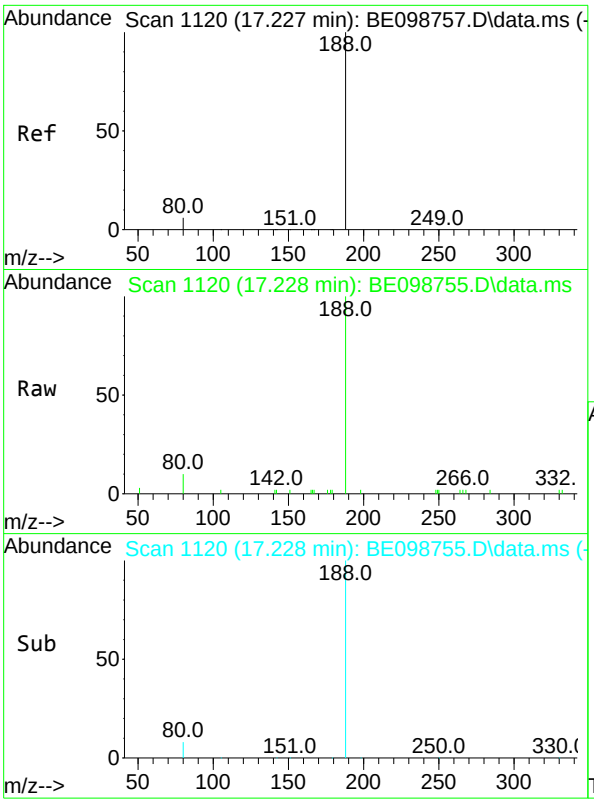
#18
Fluorene
Concen: 0.11 ng
RT: 15.528 min Scan# 993
Delta R.T. 0.014 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:166 Resp: 977

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.3	118.9
167	15.1	10.6	15.8



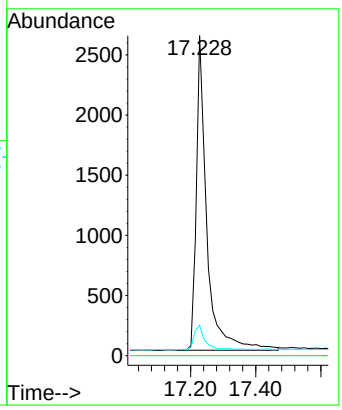
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

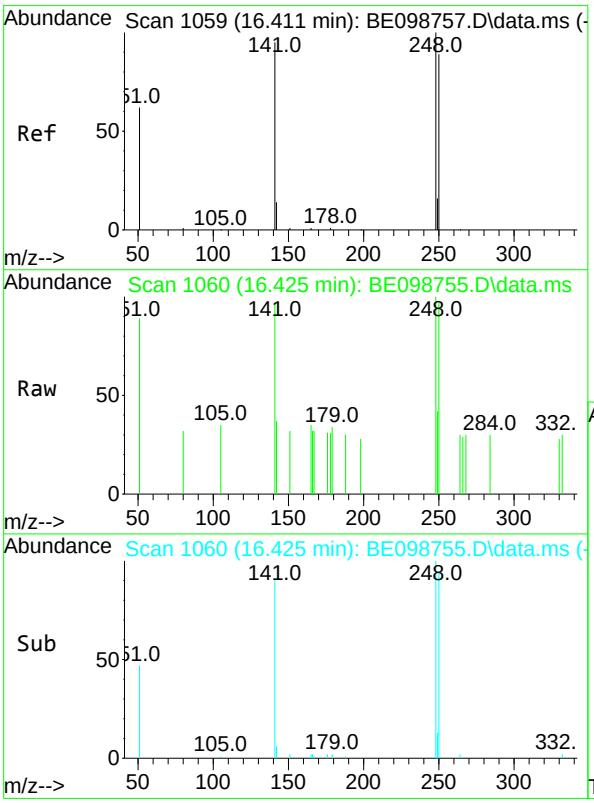


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:188 Resp: 5819

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	4.7	7.1#

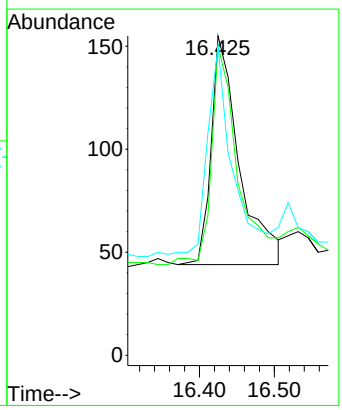




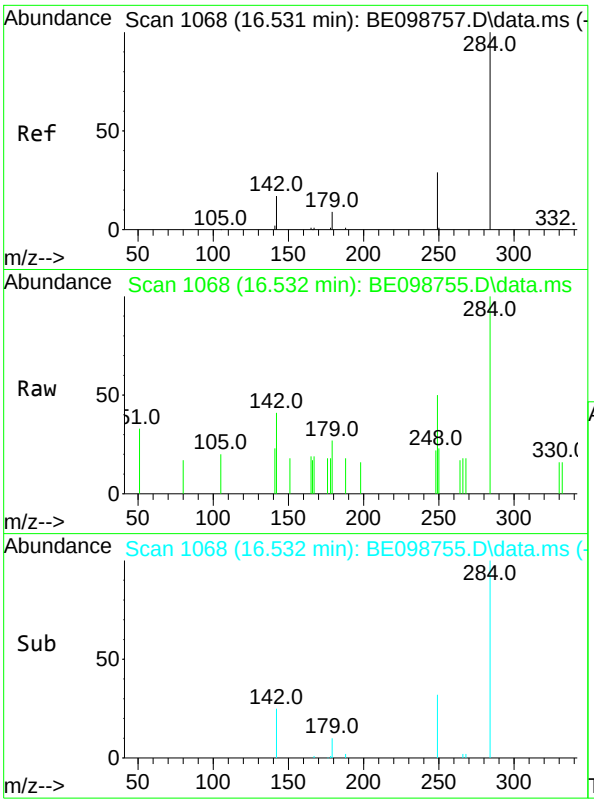
#20
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 16.425 min Scan# 1060
Delta R.T. 0.014 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:248 Resp: 291

Ion	Ratio	Lower	Upper
248	100		
250	96.8	80.2	120.4
141	96.8	60.5	90.7#



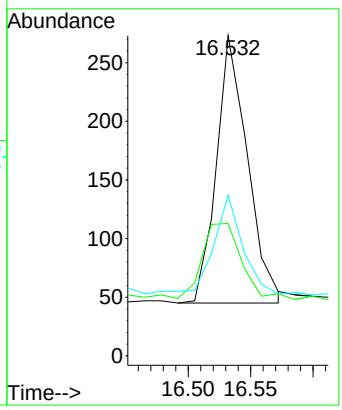
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

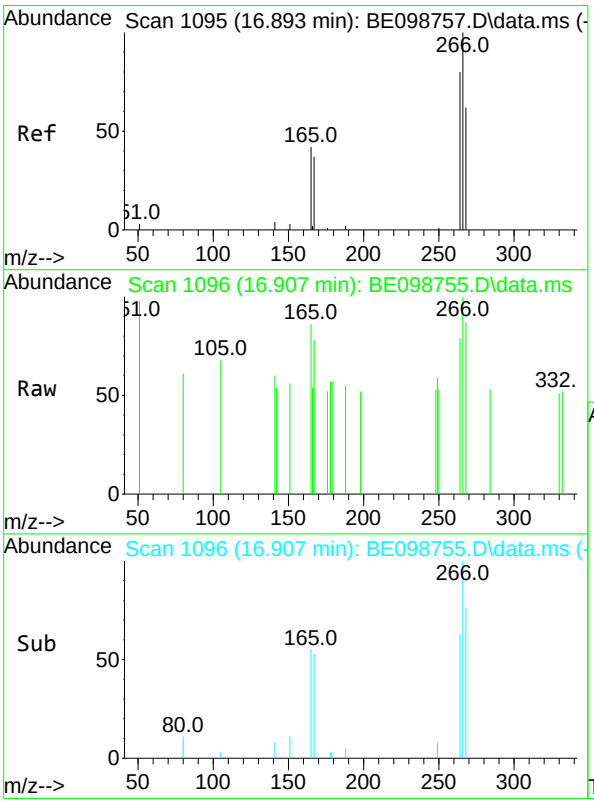


#21
Hexachlorobenzene
Concen: 0.11 ng
RT: 16.532 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:284 Resp: 396

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

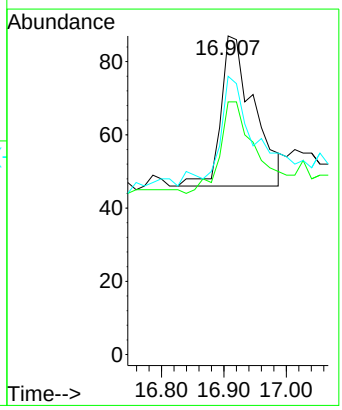




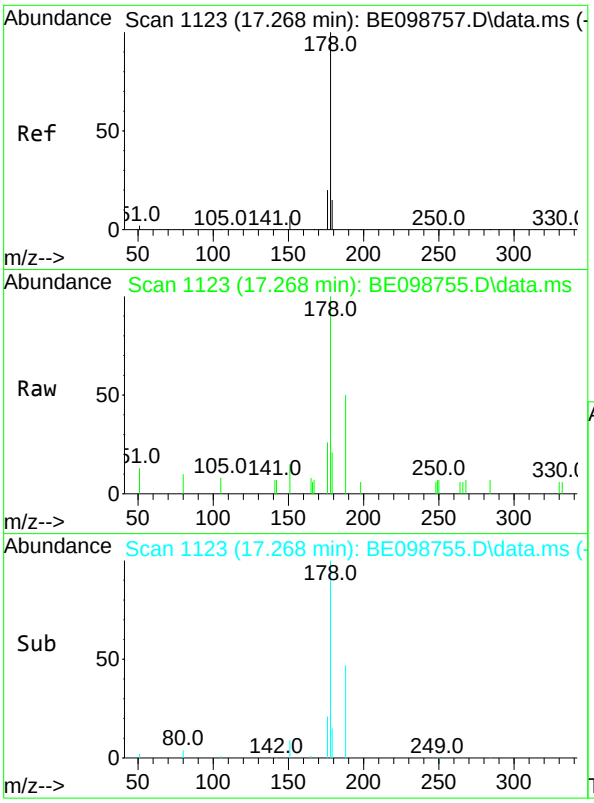
#22
Pentachlorophenol
Concen: 0.14 ng
RT: 16.907 min Scan# 1096
Delta R.T. 0.014 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:266 Resp: 151

Ion	Ratio	Lower	Upper
266	100		
264	79.3	53.7	80.5
268	87.4	59.8	89.8



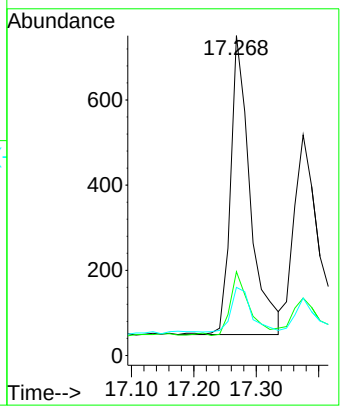
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

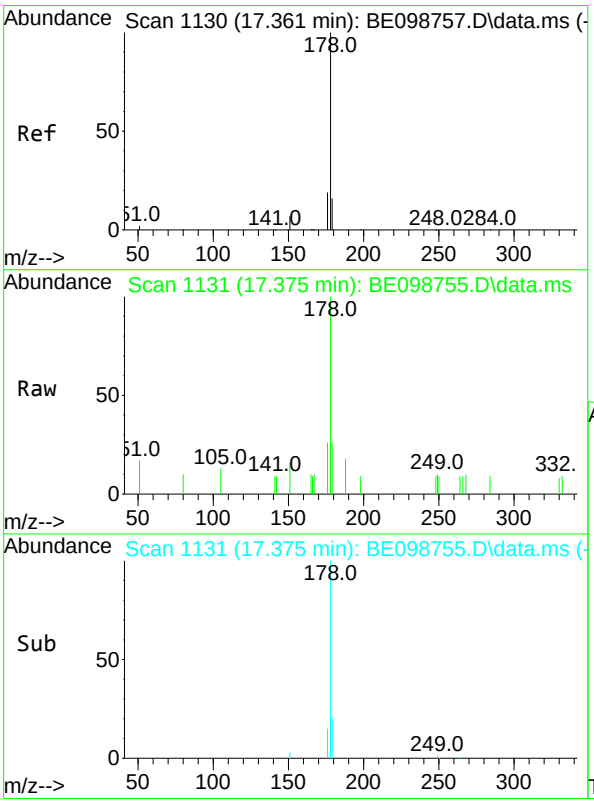


#23
Phenanthrene
Concen: 0.11 ng
RT: 17.268 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:178 Resp: 1532

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	15.6	12.2	18.4

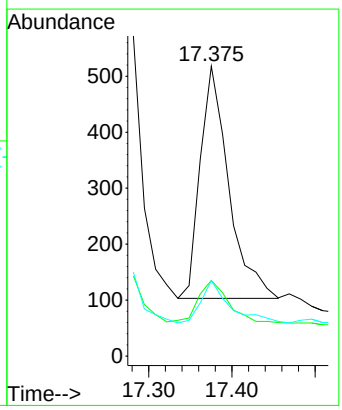




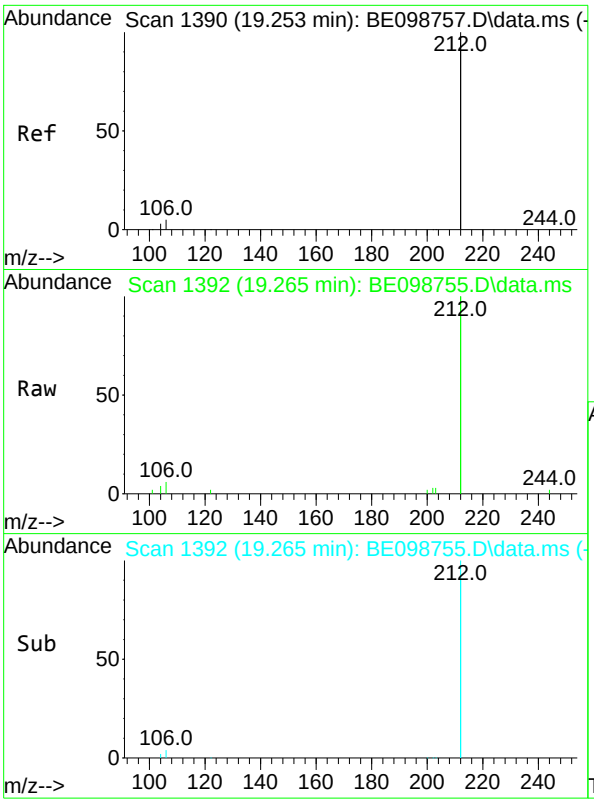
#24
Anthracene
Concen: 0.08 ng
RT: 17.375 min Scan# 1131
Delta R.T. 0.014 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:178 Resp: 993

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	18.1	11.8	17.8#



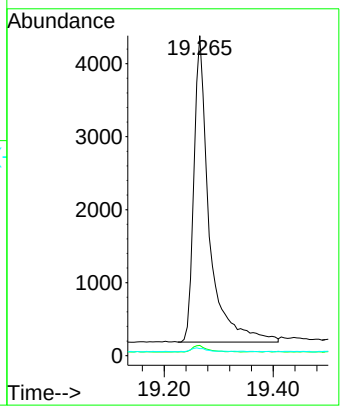
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

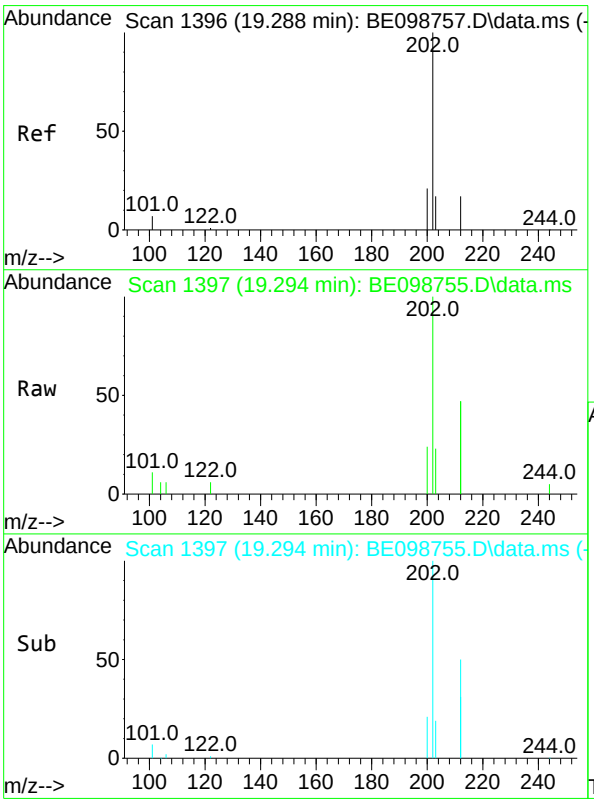


#25
Fluoranthene-d10
Concen: 0.11 ng
RT: 19.265 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:212 Resp: 8213

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.3	1.0	1.6

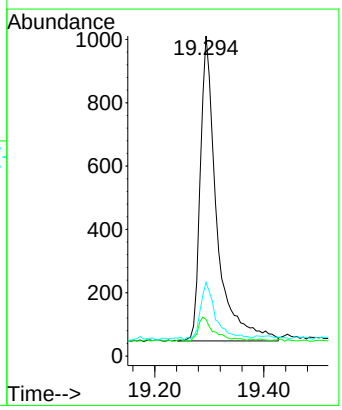


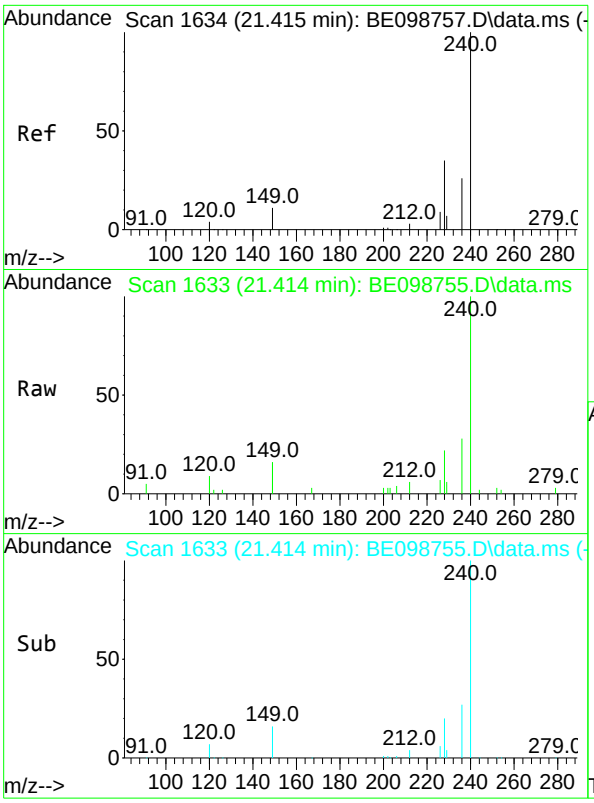


#26
Fluoranthene
Concen: 0.11 ng
RT: 19.294 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:202 Resp: 2010

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.7	10.1
203	17.7	13.3	19.9

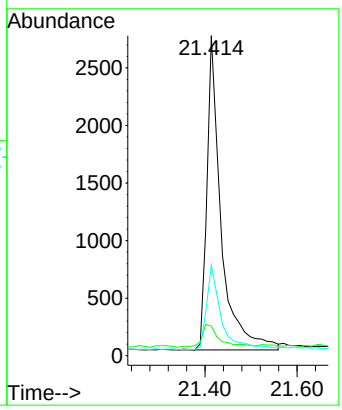




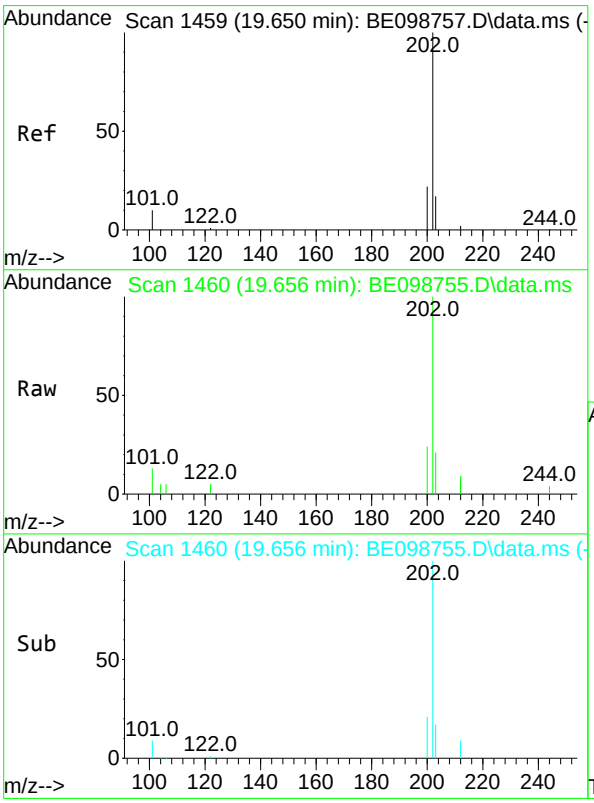
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1633
Delta R.T. -0.002 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:240 Resp: 5836

Ion	Ratio	Lower	Upper
240	100		
120	9.2	4.7	7.1#
236	28.2	21.9	32.9



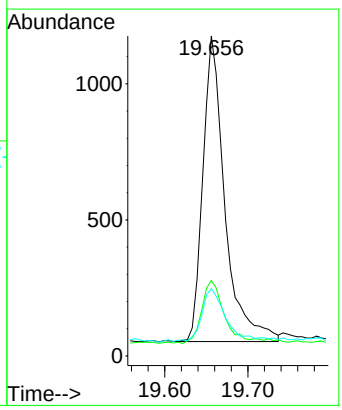
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1



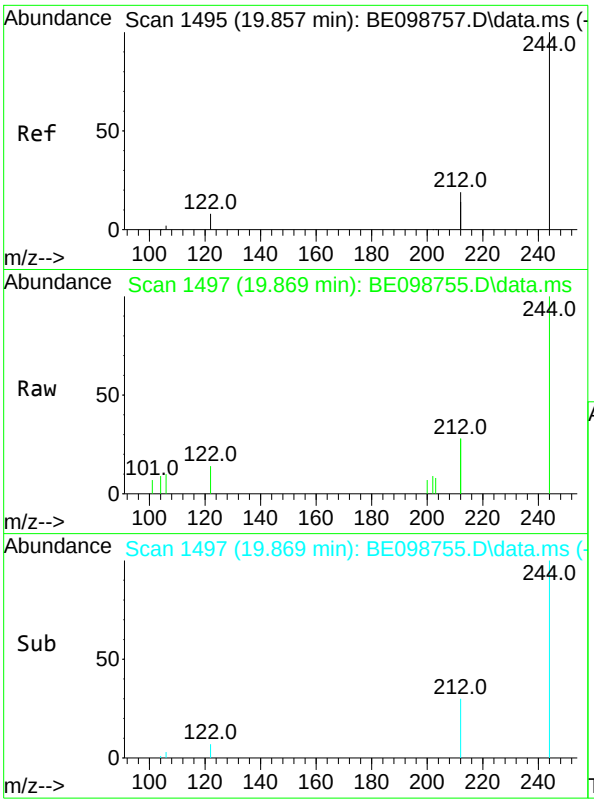
#28
Pyrene
Concen: 0.13 ng
RT: 19.656 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:202 Resp: 2065

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.6
203	18.8	13.8	20.8



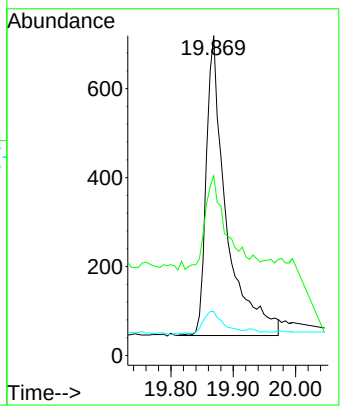
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

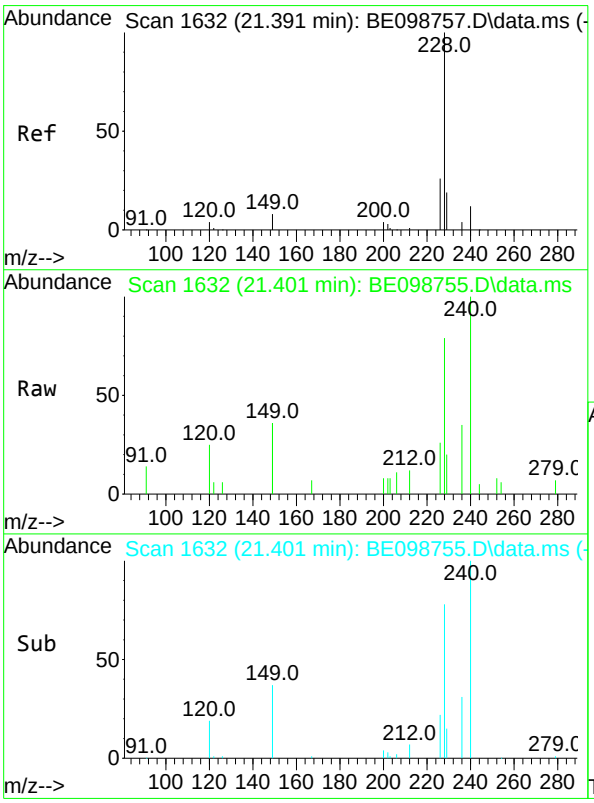


#29
Terphenyl-d14
Concen: 0.12 ng
RT: 19.869 min Scan# 1497
Delta R.T. 0.012 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:244 Resp: 1504

Ion	Ratio	Lower	Upper
244	100		
212	56.2	29.4	44.2#
122	13.8	7.1	10.7#

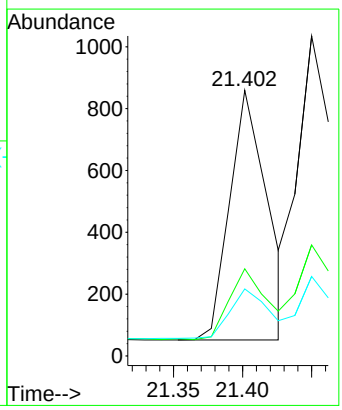




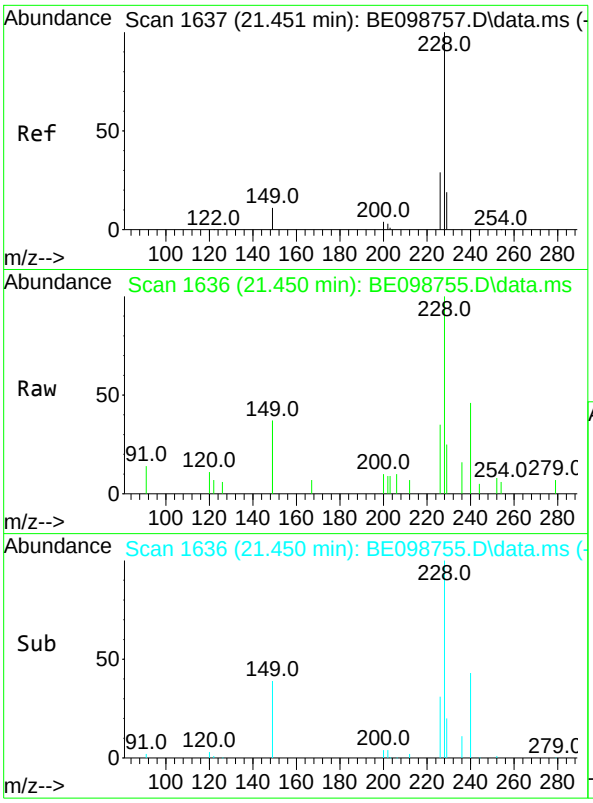
#30
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.401 min Scan# 1632
Delta R.T. 0.011 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:228 Resp: 1522

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.0	34.4
229	25.3	15.0	22.6#



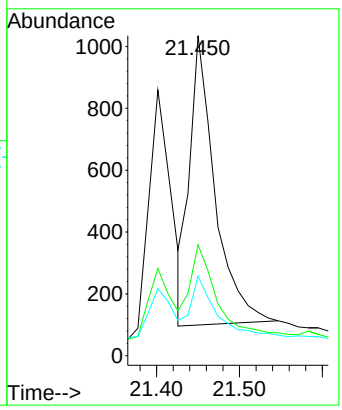
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

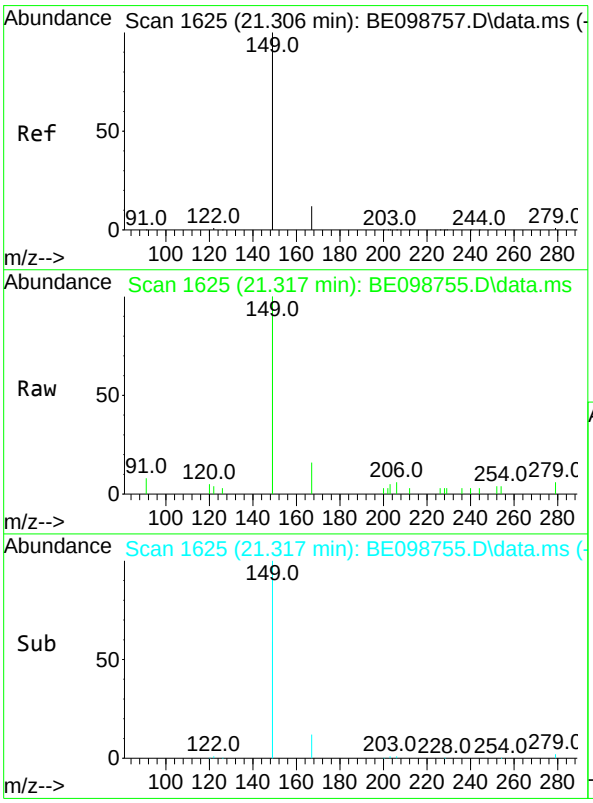


#31
Chrysene
Concen: 0.12 ng
RT: 21.450 min Scan# 1636
Delta R.T. -0.002 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:228 Resp: 1973

Ion	Ratio	Lower	Upper
228	100		
226	34.7	24.6	36.8
229	24.8	16.4	24.6#

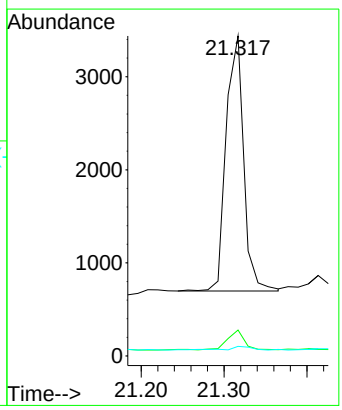


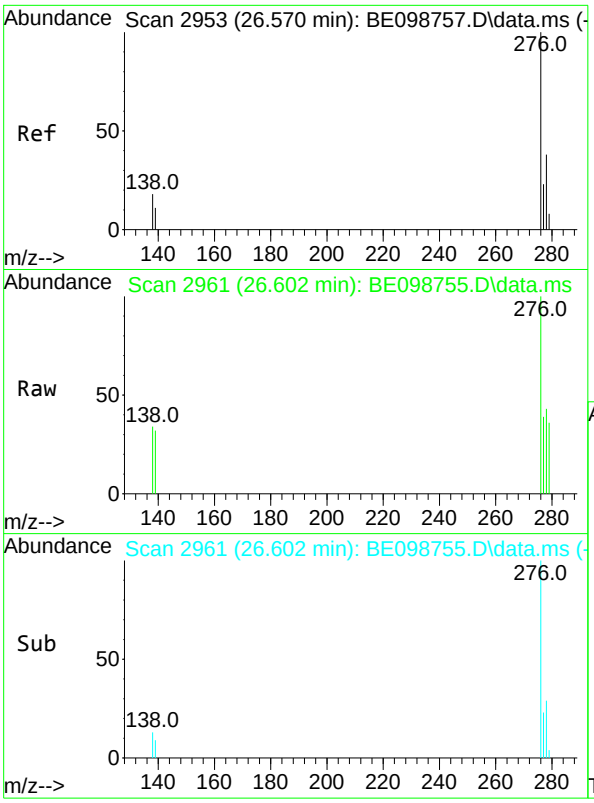


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.317 min Scan# 1625
Delta R.T. 0.011 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:149 Resp: 4043

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.4	8.2
279	2.3	1.0	1.4#

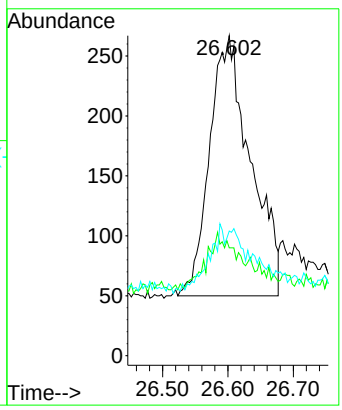




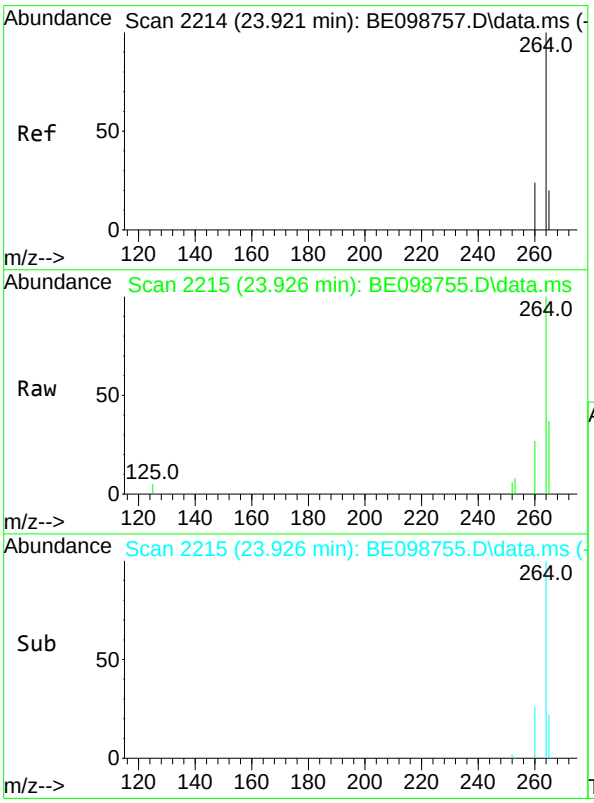
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 26.602 min Scan# 2961
Delta R.T. 0.032 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:276 Resp: 944

Ion	Ratio	Lower	Upper
276	100		
138	9.5	13.3	19.9#
277	10.7	19.4	29.0#



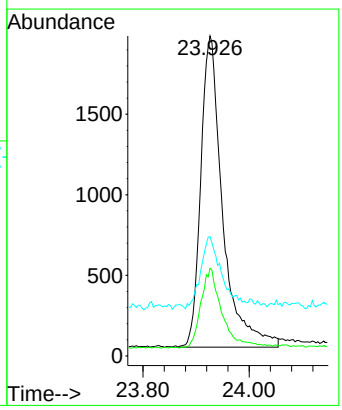
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1



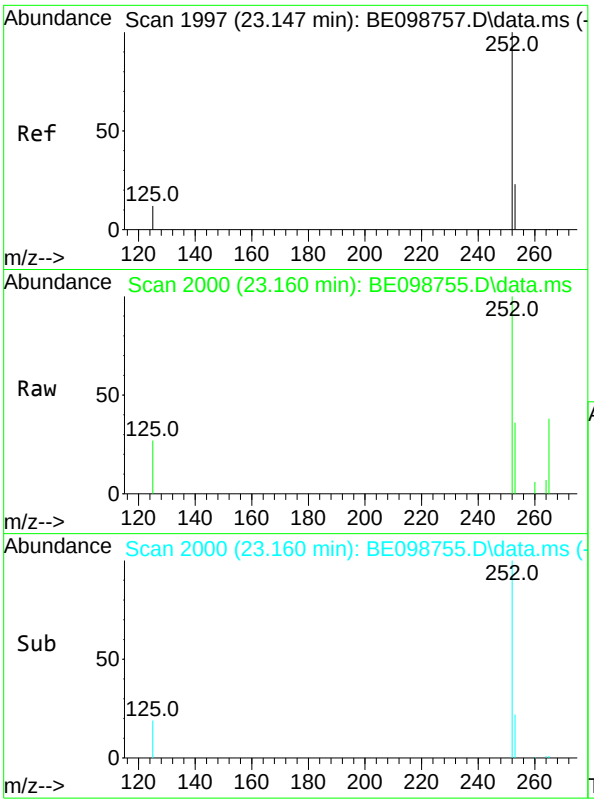
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.926 min Scan# 2215
Delta R.T. 0.006 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:264 Resp: 5522

Ion	Ratio	Lower	Upper
264	100		
260	27.4	20.5	30.7
265	37.3	22.3	33.5#



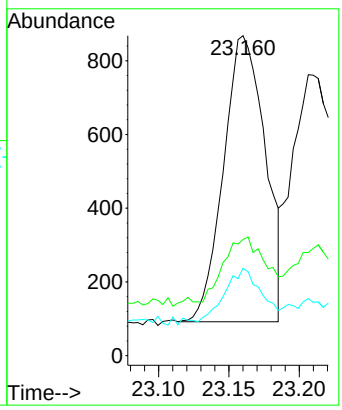
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

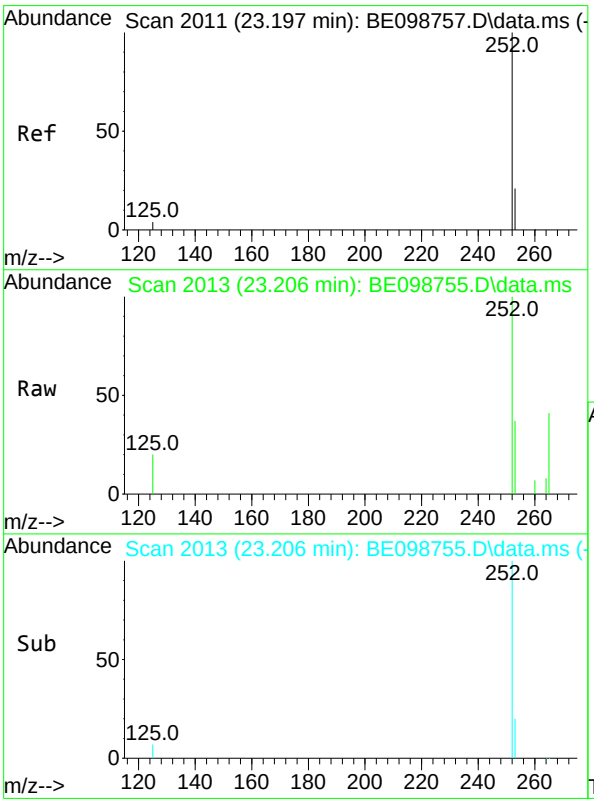


#35
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 23.160 min Scan# 2000
Delta R.T. 0.013 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:252 Resp: 1603

Ion	Ratio	Lower	Upper
252	100		
253	36.3	19.4	29.0#
125	27.3	8.2	12.4#

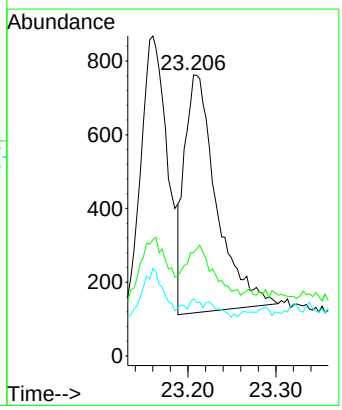




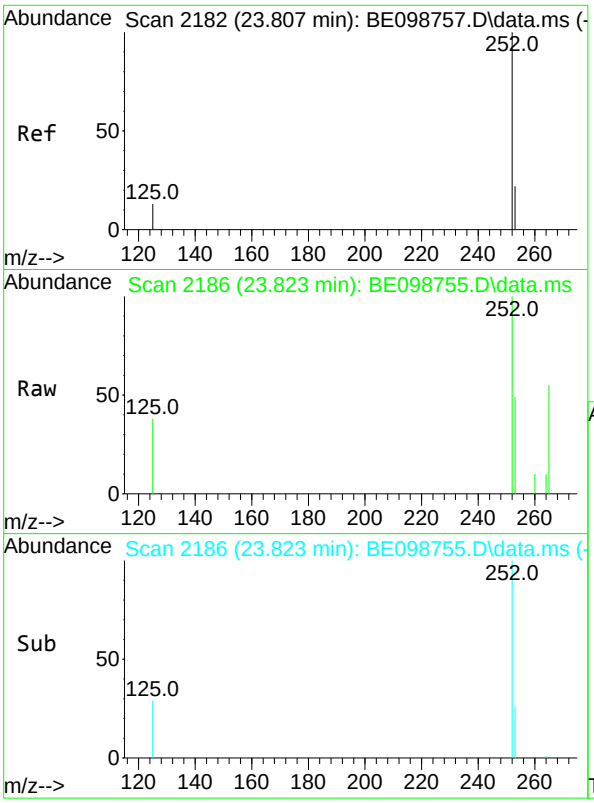
#36
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 23.206 min Scan# 2013
Delta R.T. 0.009 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:252 Resp: 1628

Ion	Ratio	Lower	Upper
252	100		
253	36.7	19.0	28.4#
125	20.3	7.0	10.4#



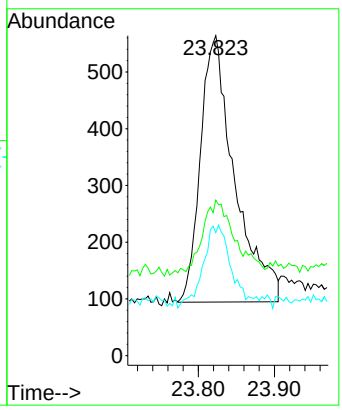
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

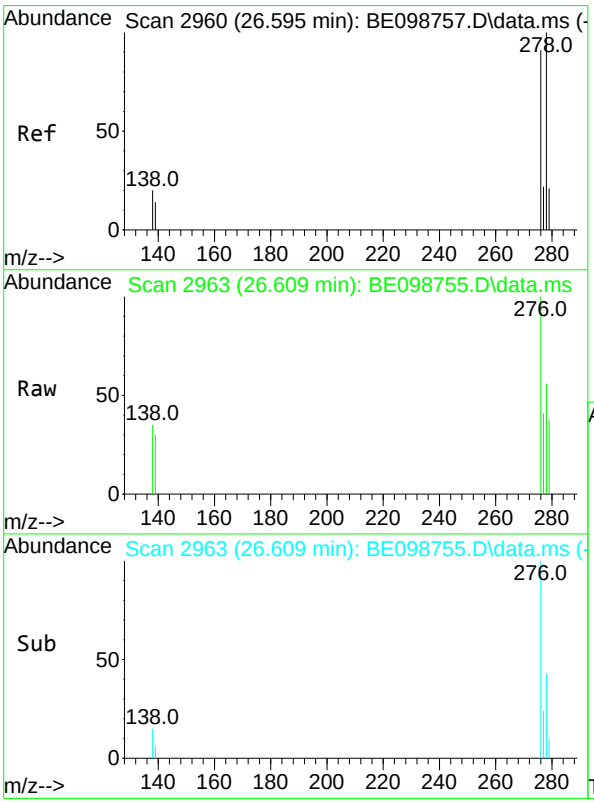


#37
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.823 min Scan# 2186
Delta R.T. 0.016 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:252 Resp: 1466

Ion	Ratio	Lower	Upper
252	100		
253	48.6	21.0	31.4#
125	38.5	9.2	13.8#

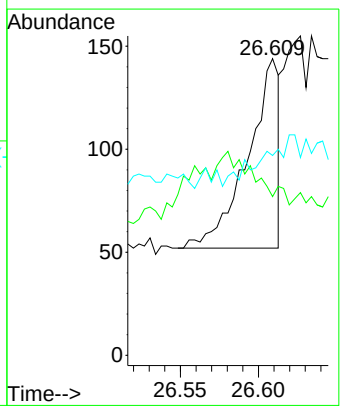


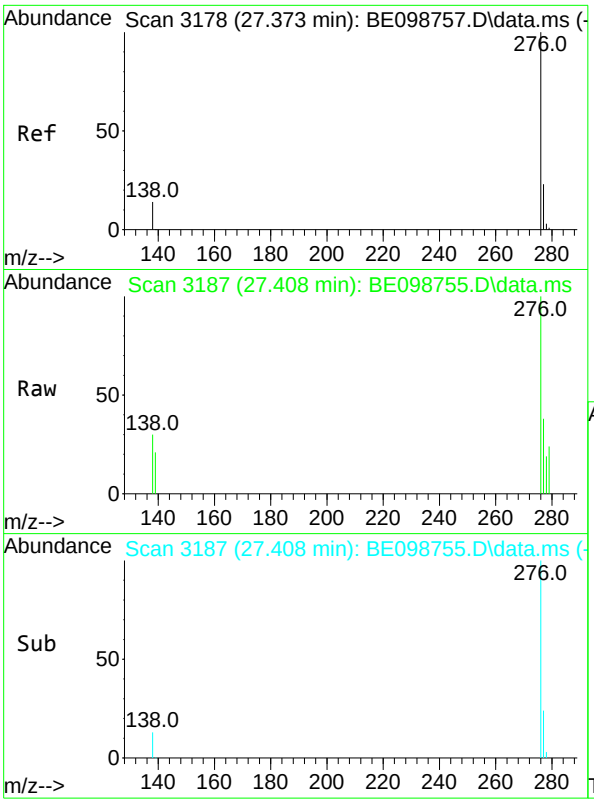


#38
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 26.609 min Scan# 2963
Delta R.T. 0.014 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:278 Resp: 128

Ion	Ratio	Lower	Upper
278	100		
139	53.5	12.7	19.1#
279	67.4	22.0	33.0#

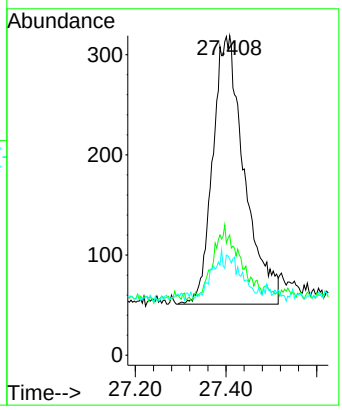




#39
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 27.408 min Scan# 3187
Delta R.T. 0.035 min
Lab File: BE098755.D
Acq: 26 Feb 2019 11:26

Tgt Ion:276 Resp: 1295

Ion	Ratio	Lower	Upper
276	100		
277	37.6	20.3	30.5#
138	30.1	13.3	19.9#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1