Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098756.D
Acq On : 26 Feb 2019 12:05
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Feb 26 13:33:20 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	7.806	152	835	0.40	ng		0.00
7) Naphthalene-d8	10.602	136	3645	0.40	ng		# 0.00
13) Acenaphthene-d10	14.471	164	2509	0.40	ng		0.00
19) Phenanthrene-d10	17.229	188	5852	0.40	ng		# 0.00
27) Chrysene-d12	21.415	240	5993	0.40	ng		# 0.00
34) Perylene-d12	23.923	264	5735	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.422	112	437	0.20	ng		0.01
5) Phenol-d6	7.023	99	610	0.19	ng		0.03
8) Nitrobenzene-d5	8.991	82	637	0.22	ng		0.01
11) 2-Methylnaphthalene-d10	12.224	152	1374	0.23	ng		0.01
14) 2,4,6-Tribromophenol	15.984	330	159	0.15	ng		0.00
15) 2-Fluorobiphenyl	13.102	172	1941	0.19	ng		0.01
25) Fluoranthene-d10	19.258	212	15683	0.22	ng		0.00
29) Terphenyl-d14	19.862	244	2809	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.315	88	362	0.22	ng		90
3) n-Nitrosodimethylamine	3.672	42	205	0.17	ng	#	13
6) bis(2-Chloroethyl)ether	7.253	93	342	0.14	ng		90
9) Naphthalene	10.653	128	8312	0.23	ng	#	98
10) Hexachlorobutadiene	10.926	225	575	0.22	ng		97
12) 2-Methylnaphthalene	12.296	142	1230	0.20	ng		97
16) Acenaphthylene	14.197	152	2261	0.21	ng		99
17) Acenaphthene	14.543	154	1383	0.20	ng		98
18) Fluorene	15.515	166	1937	0.22	ng		100
20) 4-Bromophenyl-phenylether	16.426	248	599	0.19	ng		95
21) Hexachlorobenzene	16.533	284	756	0.20	ng		93
22) Pentachlorophenol	16.907	266	149	0.14	ng	#	88
23) Phenanthrene	17.269	178	2999	0.22	ng		99
24) Anthracene	17.363	178	2186	0.18	ng		99
26) Fluoranthene	19.293	202	3903	0.22	ng		99
28) Pyrene	19.655	202	3990	0.24	ng		99
30) Benzo(a)anthracene	21.403	228	3180	0.20	ng		95
31) Chrysene	21.451	228	3600	0.22	ng		97
32) Bis(2-ethylhexyl)phtha...	21.306	149	7156	0.21	ng		99
33) Indeno(1,2,3-cd)pyrene	26.588	276	2523	0.15	ng	#	90
35) Benzo(b)fluoranthene	23.157	252	3275	0.21	ng	#	92
36) Benzo(k)fluoranthene	23.203	252	3473	0.20	ng	#	85
37) Benzo(a)pyrene	23.816	252	2965	0.19	ng	#	85
38) Dibenzo(a,h)anthracene	26.602	278	461	0.03	ng	#	66
39) Benzo(g,h,i)perylene	27.394	276	2639	0.18	ng	#	92

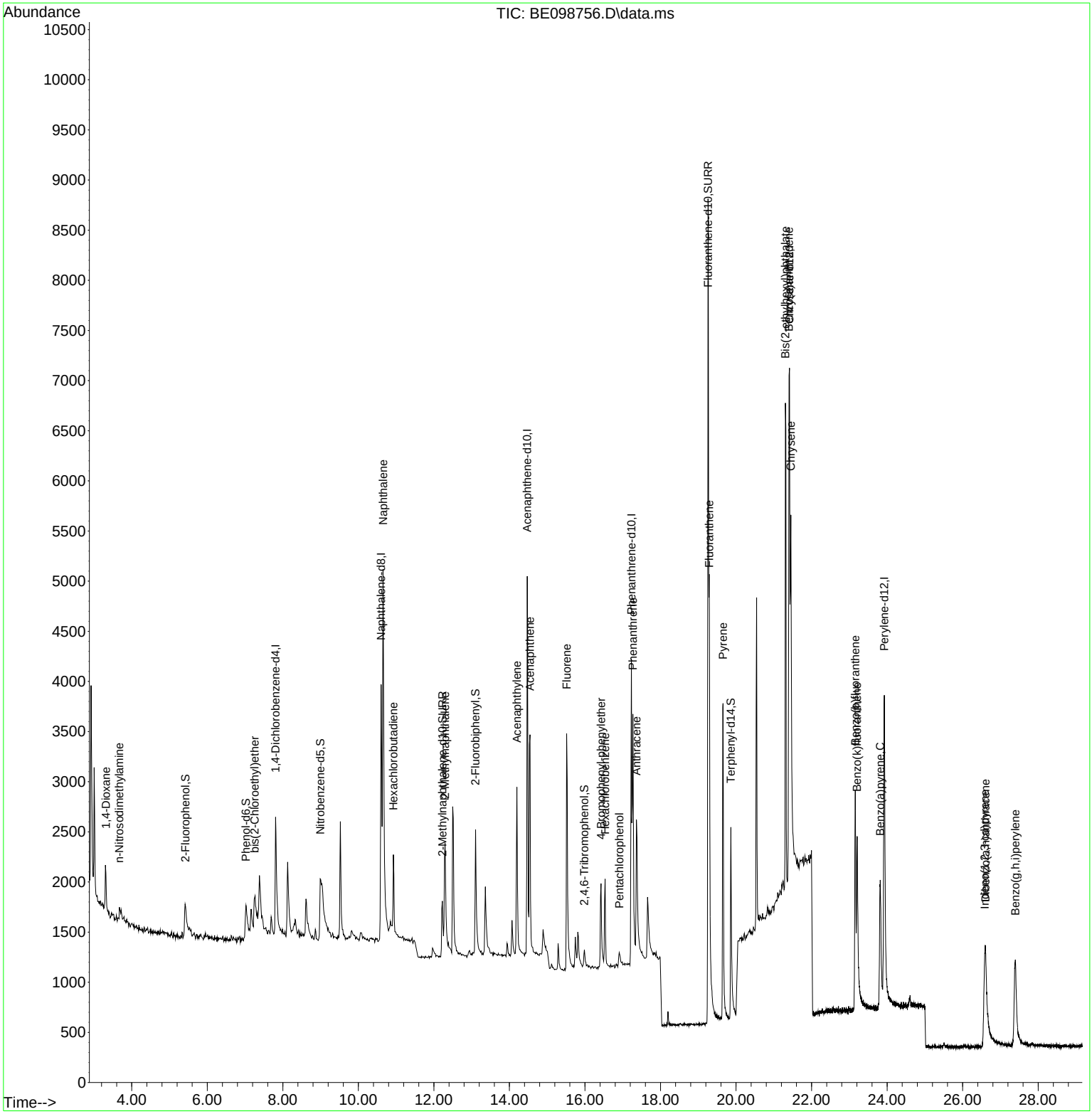
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

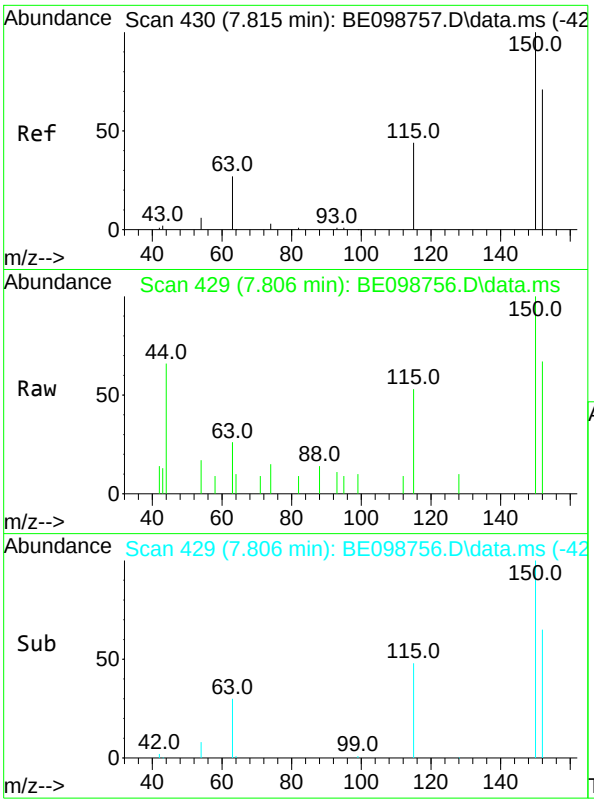
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098756.D
Acq On : 26 Feb 2019 12:05
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Feb 26 13:33:20 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



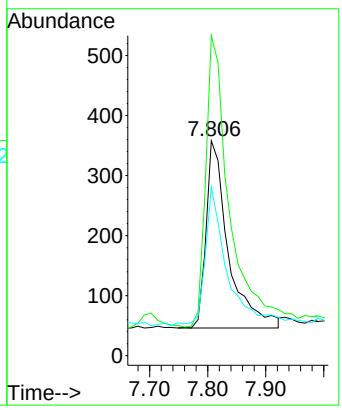
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

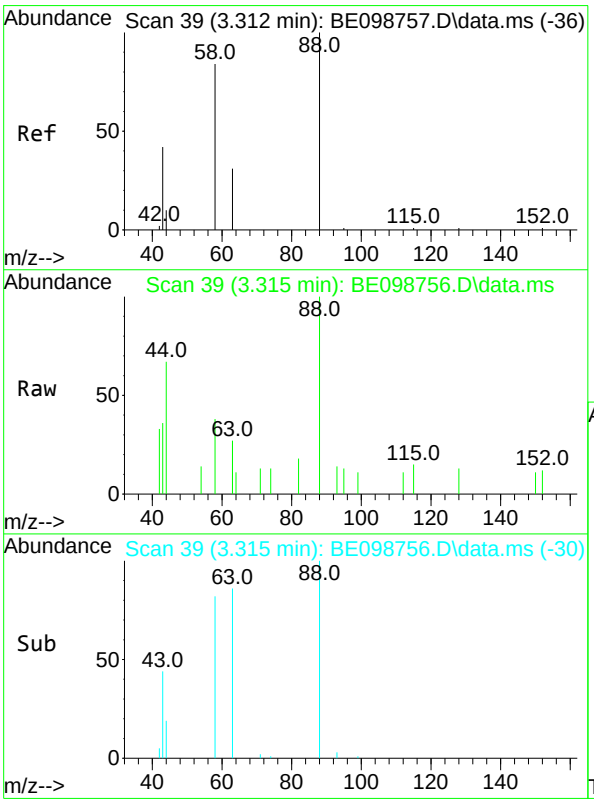


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.806 min Scan# 429
Delta R.T. -0.009 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:152 Resp: 835

Ion	Ratio	Lower	Upper
152	100		
150	148.9	121.4	182.2
115	78.5	59.1	88.7

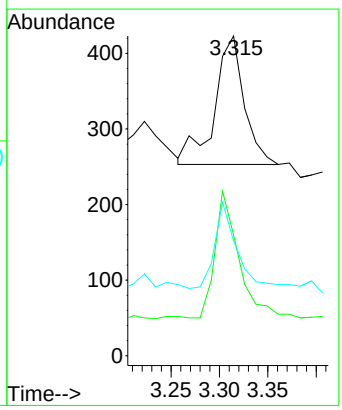




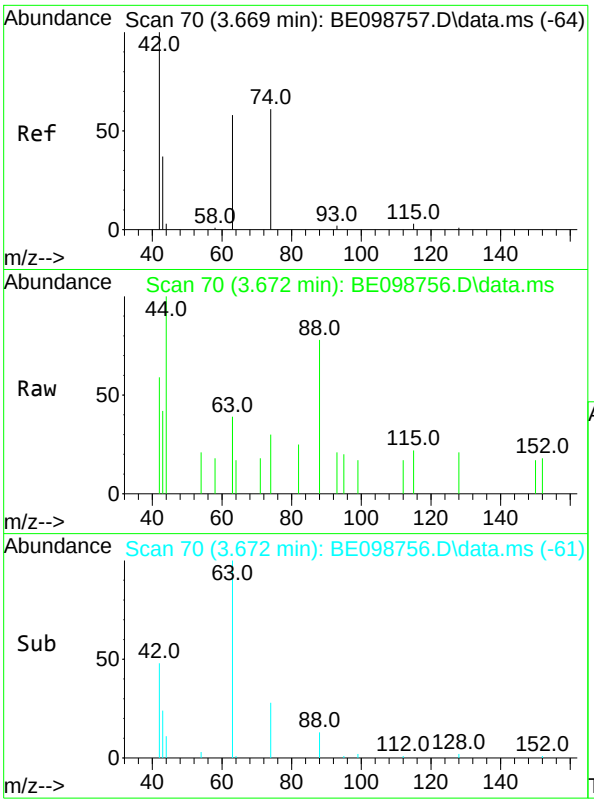
#2
1,4-Dioxane
Concen: 0.22 ng
RT: 3.315 min Scan# 39
Delta R.T. 0.002 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion: 88 Resp: 362

Ion	Ratio	Lower	Upper
88	100		
58	81.2	73.9	110.9
43	49.4	43.7	65.5



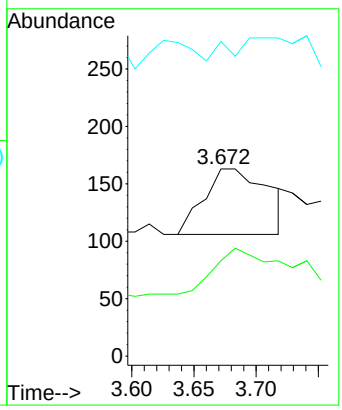
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

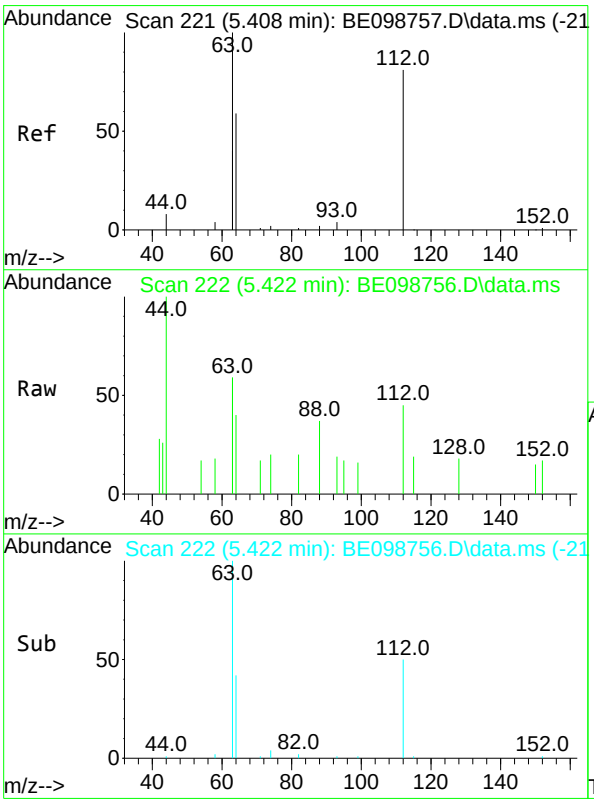


#3
n-Nitrosodimethylamine
Concen: 0.17 ng
RT: 3.672 min Scan# 70
Delta R.T. 0.002 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion: 42 Resp: 205

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

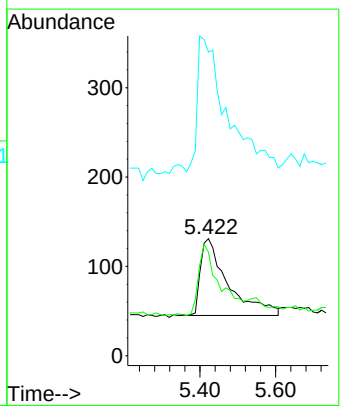


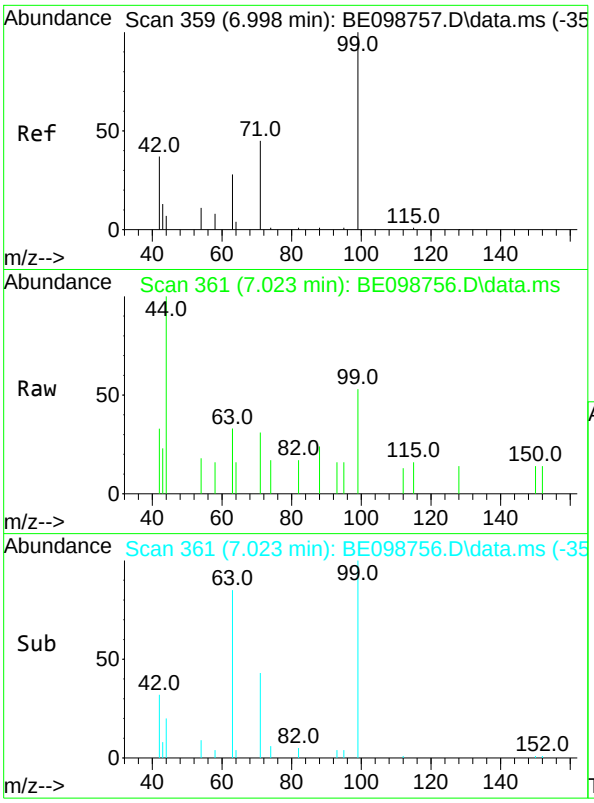


#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.422 min Scan# 222
Delta R.T. 0.014 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:112 Resp: 437

Ion	Ratio	Lower	Upper
112	100		
64	71.4	62.9	94.3
63	0.0	152.2	228.4#

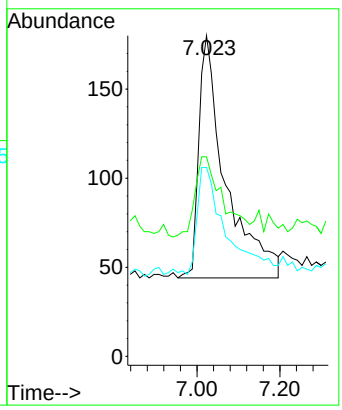




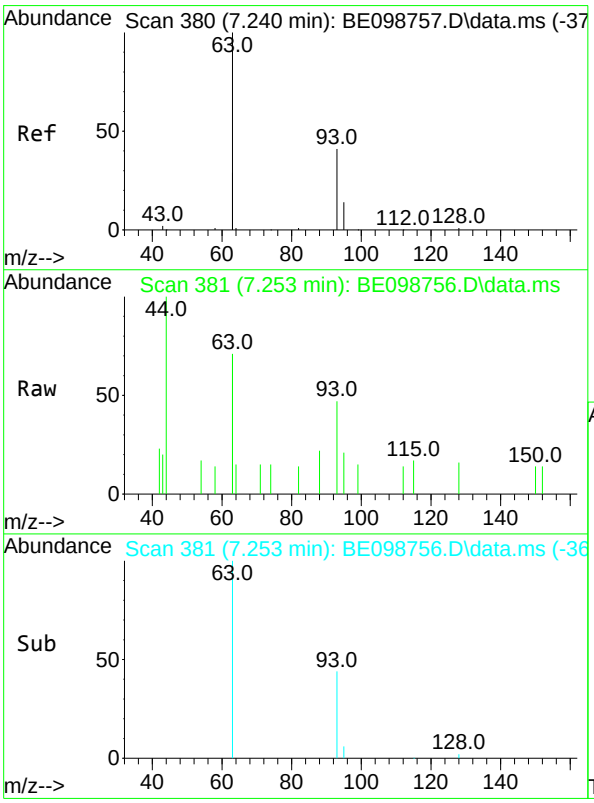
#5
Phenol-d6
Concen: 0.19 ng
RT: 7.023 min Scan# 361
Delta R.T. 0.025 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion: 99 Resp: 610

Ion	Ratio	Lower	Upper
99	100		
42	34.3	24.6	37.0
71	45.1	35.1	52.7



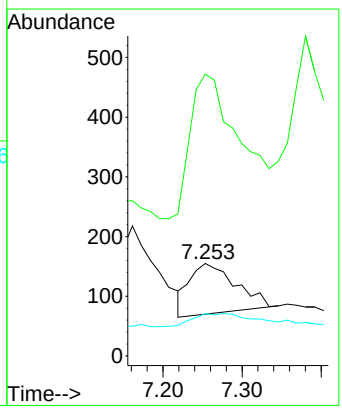
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2



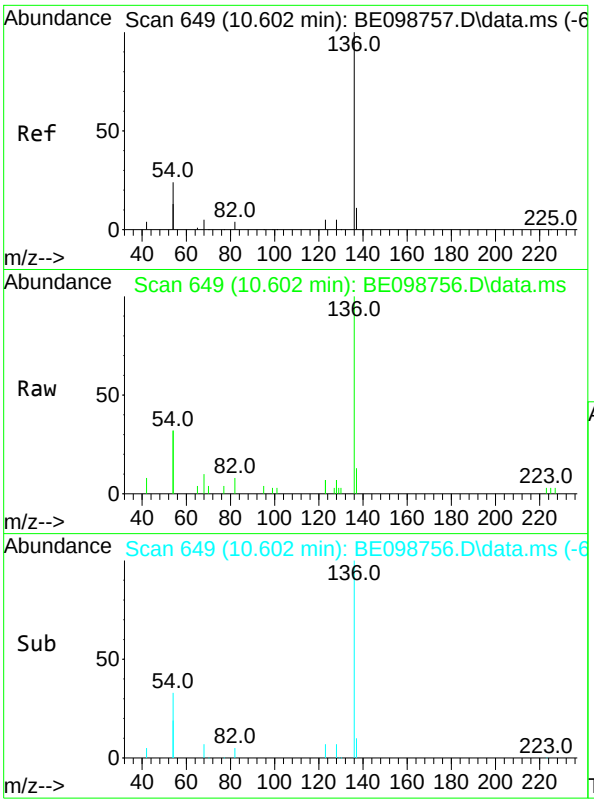
#6
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 7.253 min Scan# 381
Delta R.T. 0.014 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion: 93 Resp: 342

Ion	Ratio	Lower	Upper
93	100		
63	313.2	267.3	400.9
95	38.3	26.2	39.4



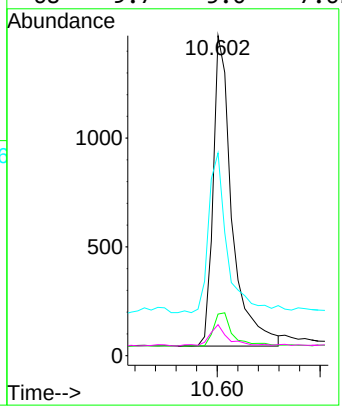
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

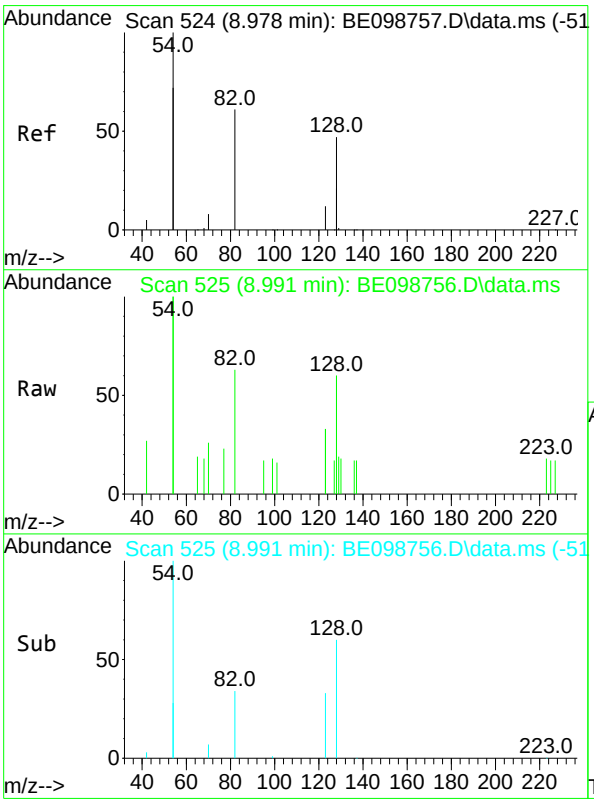


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 649
Delta R.T. -0.001 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:136 Resp: 3645

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.7	14.5
54	63.4	35.5	53.3#
68	9.7	5.0	7.6#

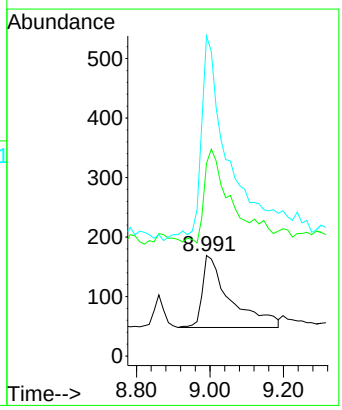


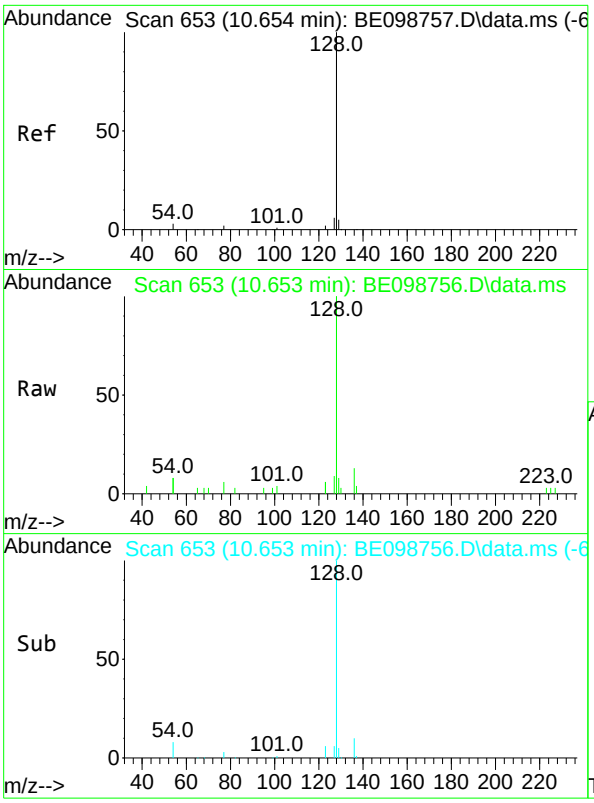


#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.991 min Scan# 525
Delta R.T. 0.012 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion: 82 Resp: 637

Ion	Ratio	Lower	Upper
82	100		
128	191.7	96.5	144.7#
54	318.3	224.7	337.1

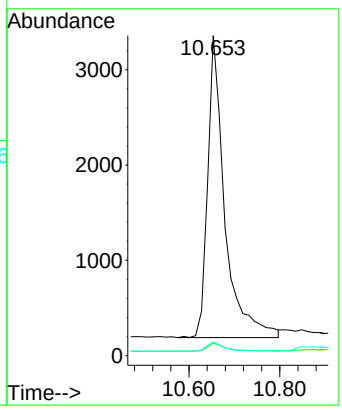




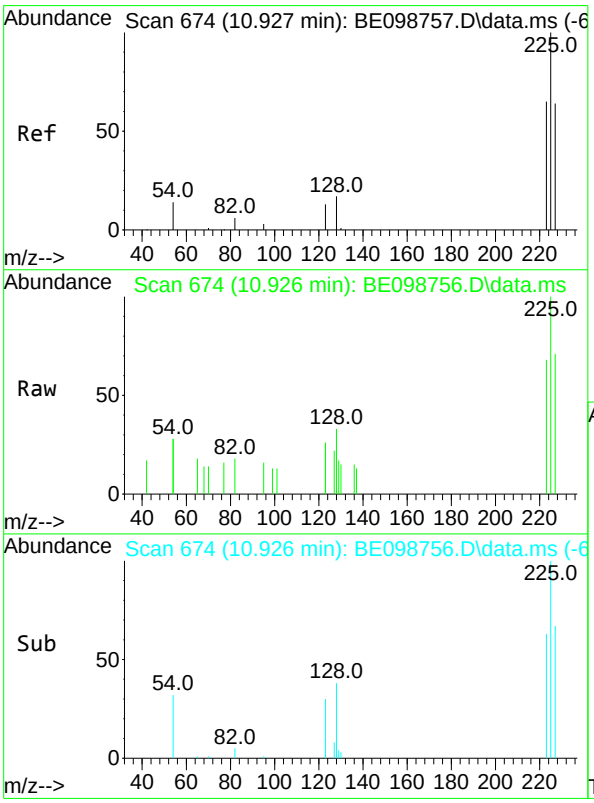
#9
Naphthalene
Concen: 0.23 ng
RT: 10.653 min Scan# 653
Delta R.T. -0.001 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:128 Resp: 8312

Ion	Ratio	Lower	Upper
128	100		
129	3.9	2.6	3.8#
127	4.3	3.0	4.6



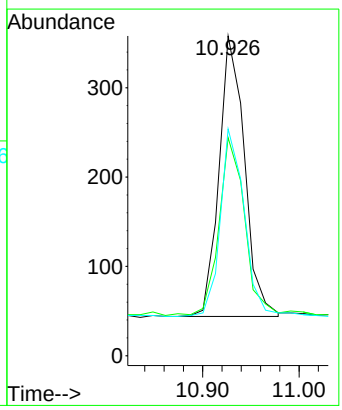
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

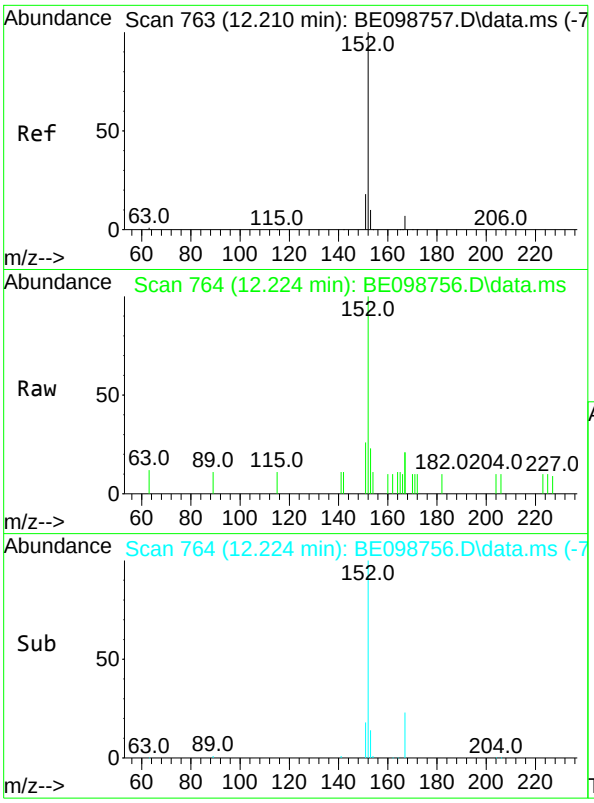


#10
Hexachlorobutadiene
Concen: 0.22 ng
RT: 10.926 min Scan# 674
Delta R.T. -0.001 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:225 Resp: 575

Ion	Ratio	Lower	Upper
225	100		
223	63.8	47.8	71.8
227	63.0	50.5	75.7

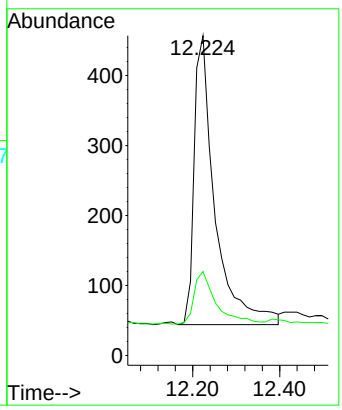




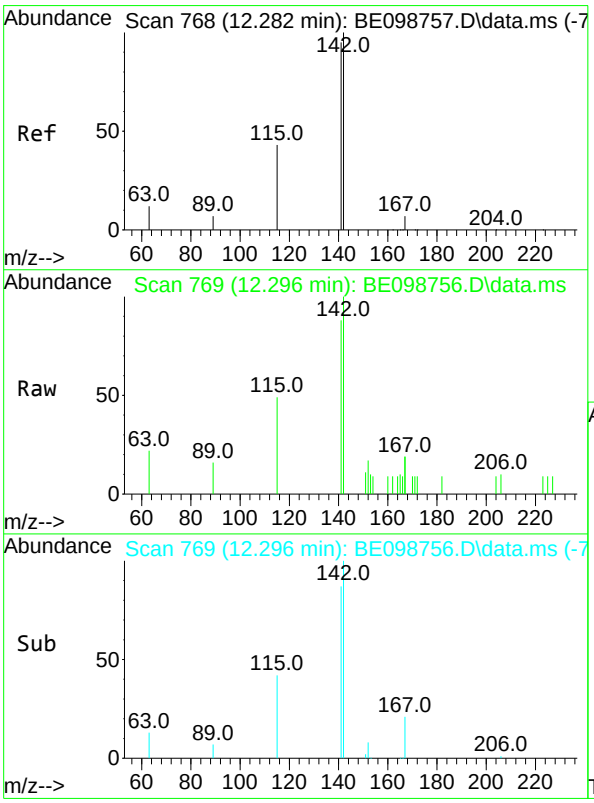
#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.224 min Scan# 764
Delta R.T. 0.014 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:152 Resp: 1374

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4



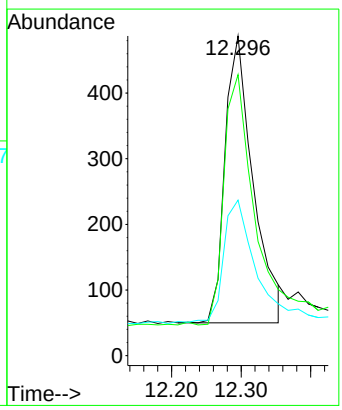
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2



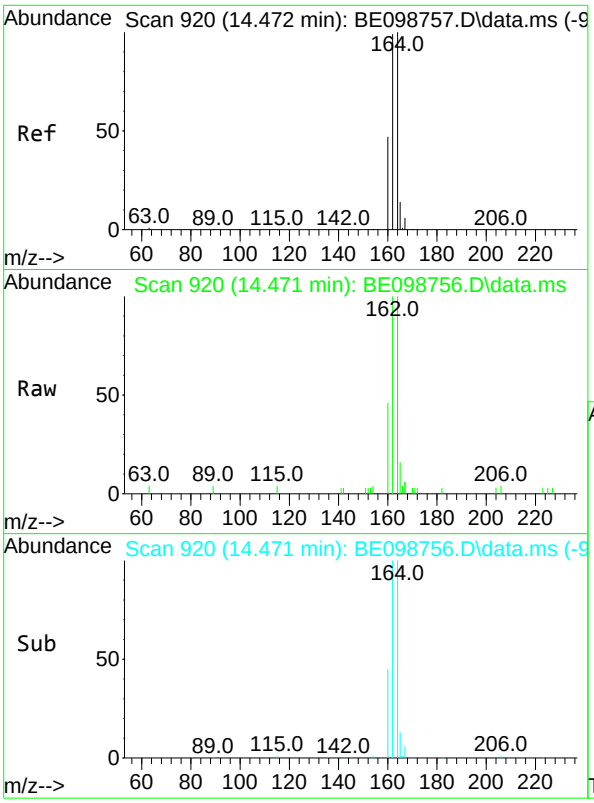
#12
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.296 min Scan# 769
Delta R.T. 0.014 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:142 Resp: 1230

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.0	105.0
115	48.7	35.2	52.8



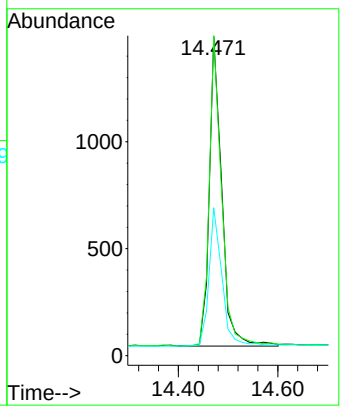
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

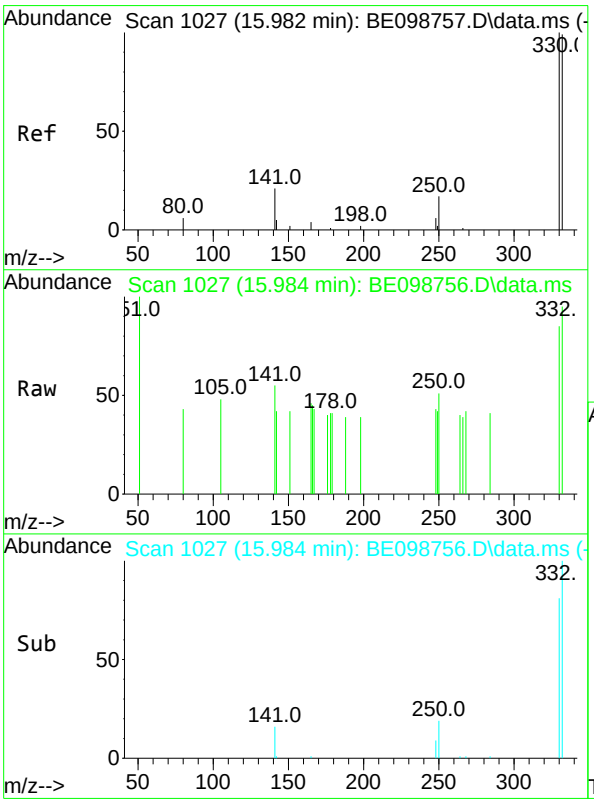


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:164 Resp: 2509

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.5	120.7
160	46.3	40.1	60.1

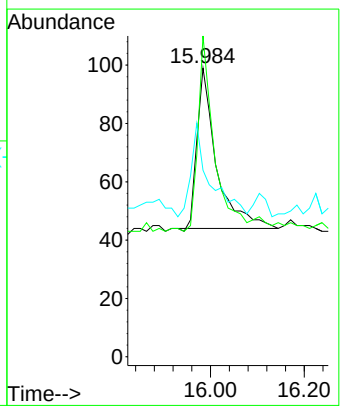




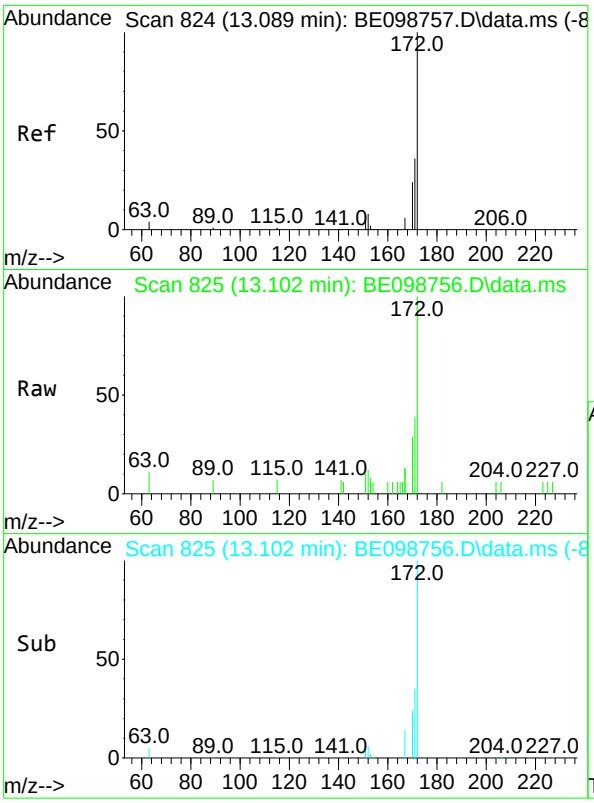
#14
2,4,6-Tribromophenol
Concen: 0.15 ng
RT: 15.984 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:330 Resp: 159

Ion	Ratio	Lower	Upper
330	100		
332	108.8	73.3	109.9
141	56.0	33.1	49.7#



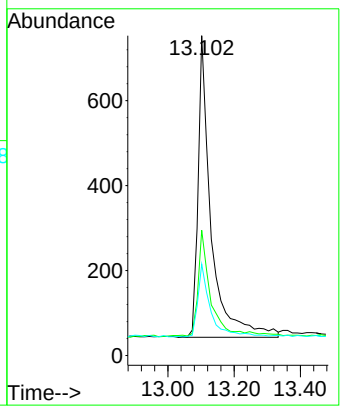
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

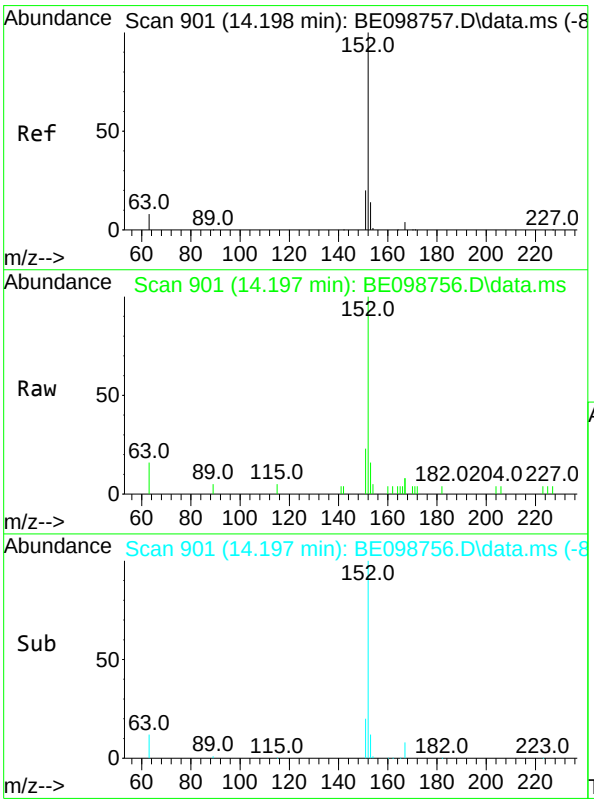


#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 13.102 min Scan# 825
Delta R.T. 0.014 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:172 Resp: 1941

Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.0	43.4
170	28.6	20.8	31.2

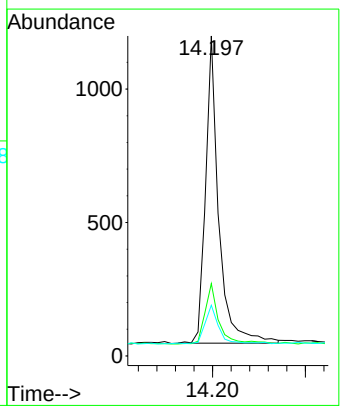




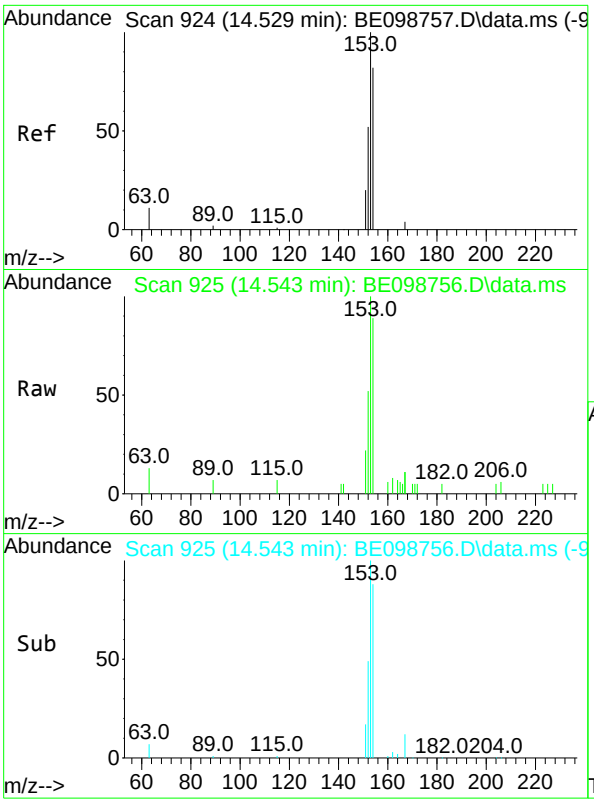
#16
Acenaphthylene
Concen: 0.21 ng
RT: 14.197 min Scan# 901
Delta R.T. -0.001 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:152 Resp: 2261

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.7	10.7	16.1



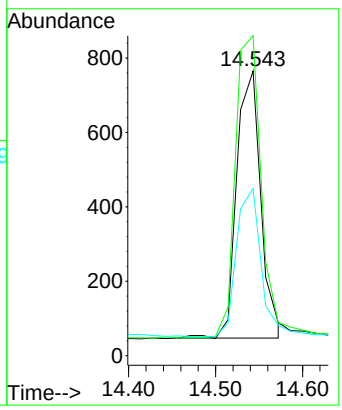
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

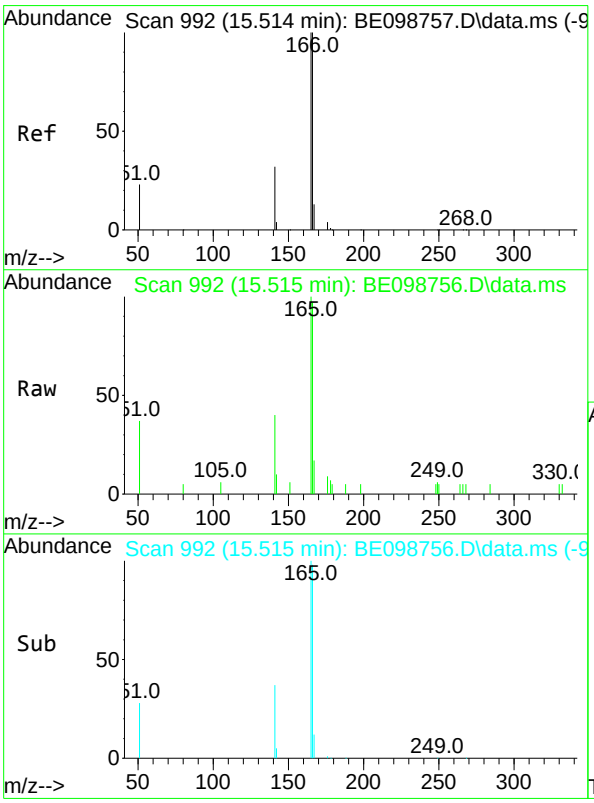


#17
Acenaphthene
Concen: 0.20 ng
RT: 14.543 min Scan# 925
Delta R.T. 0.014 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:154 Resp: 1383

Ion	Ratio	Lower	Upper
154	100		
153	119.7	93.9	140.9
152	55.7	45.8	68.8

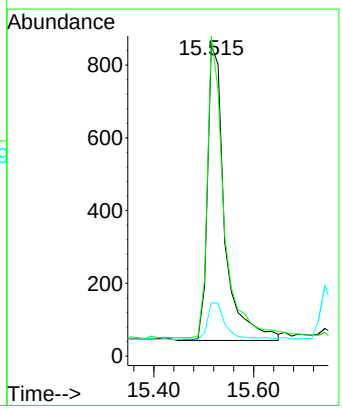




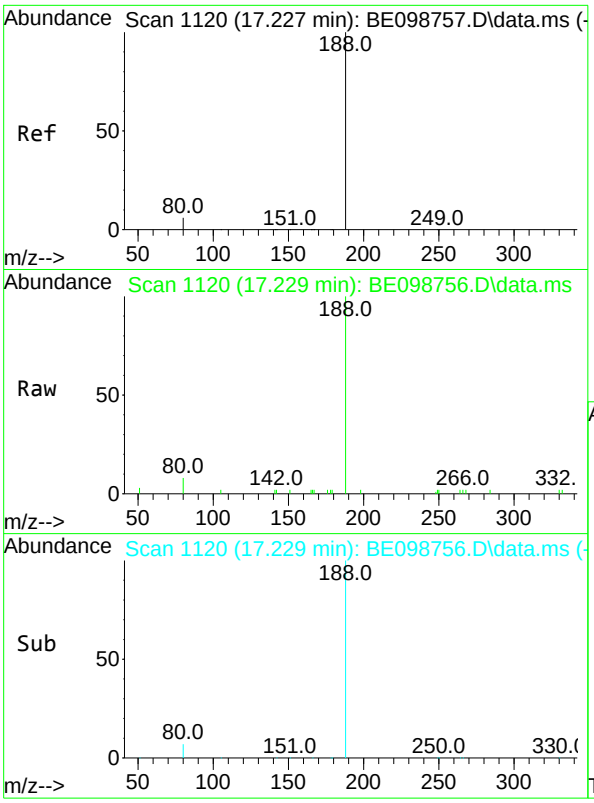
#18
Fluorene
Concen: 0.22 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:166 Resp: 1937

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.3	118.9
167	13.1	10.6	15.8



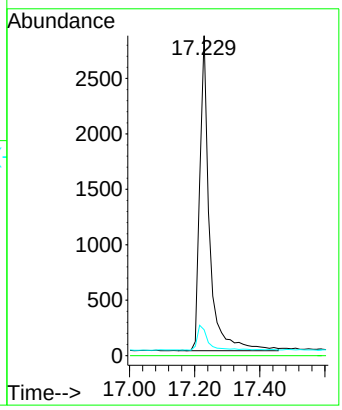
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

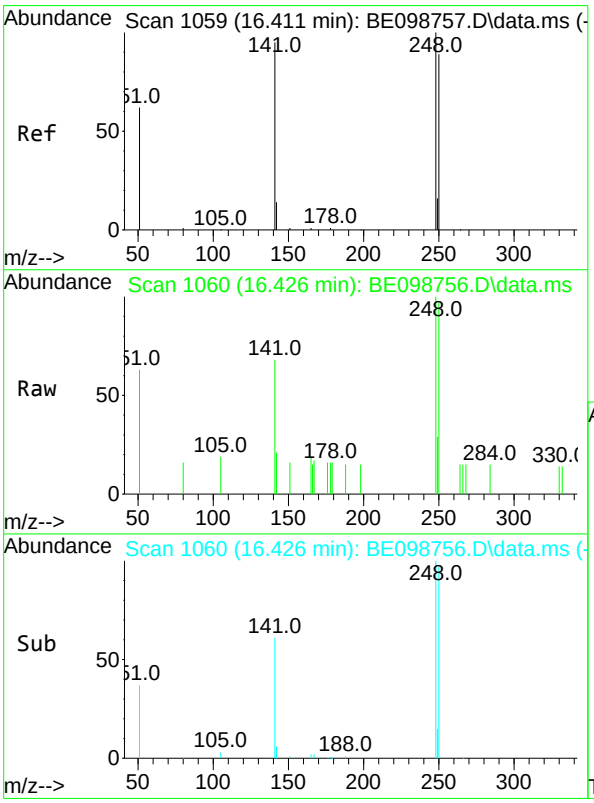


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.229 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:188 Resp: 5852

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	4.7	7.1#

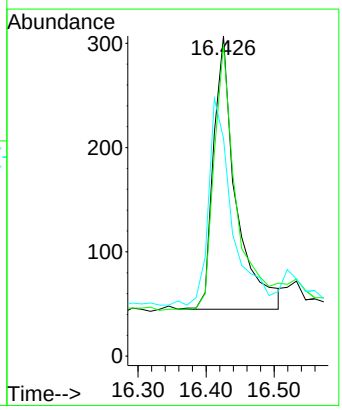




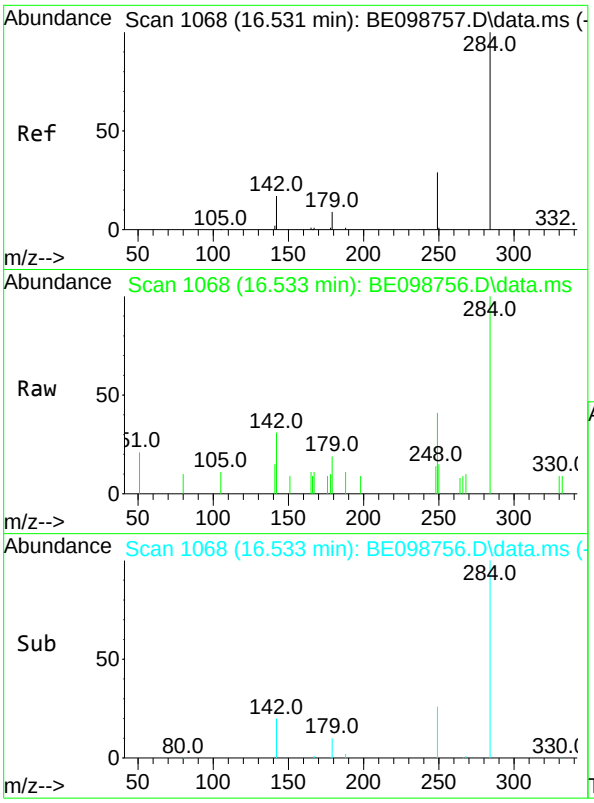
#20
4-Bromophenyl-phenylether
Concen: 0.19 ng
RT: 16.426 min Scan# 1060
Delta R.T. 0.015 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:248 Resp: 599

Ion	Ratio	Lower	Upper
248	100		
250	97.4	80.2	120.4
141	68.1	60.5	90.7



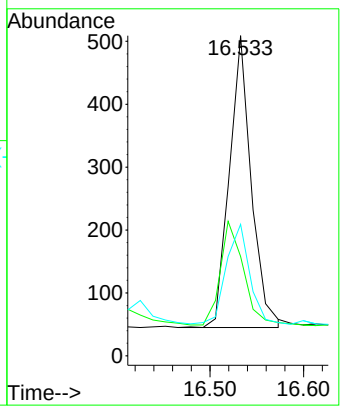
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

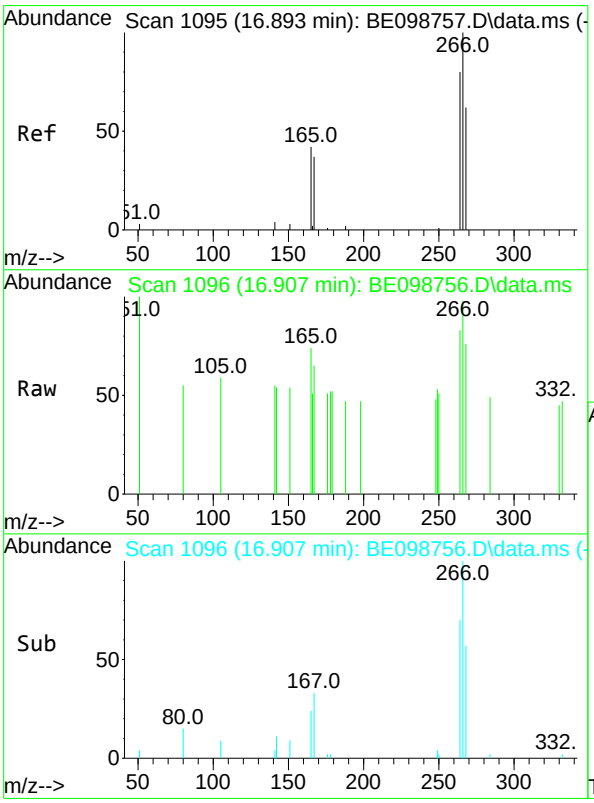


#21
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.533 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:284 Resp: 756

Ion	Ratio	Lower	Upper
284	100		
142	37.2	25.5	38.3
249	35.8	26.6	39.8

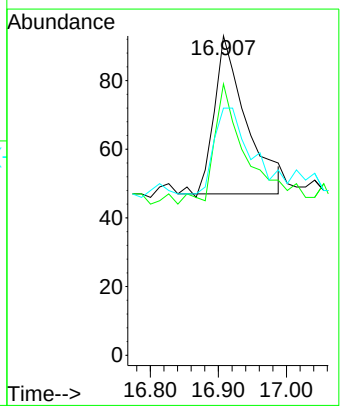




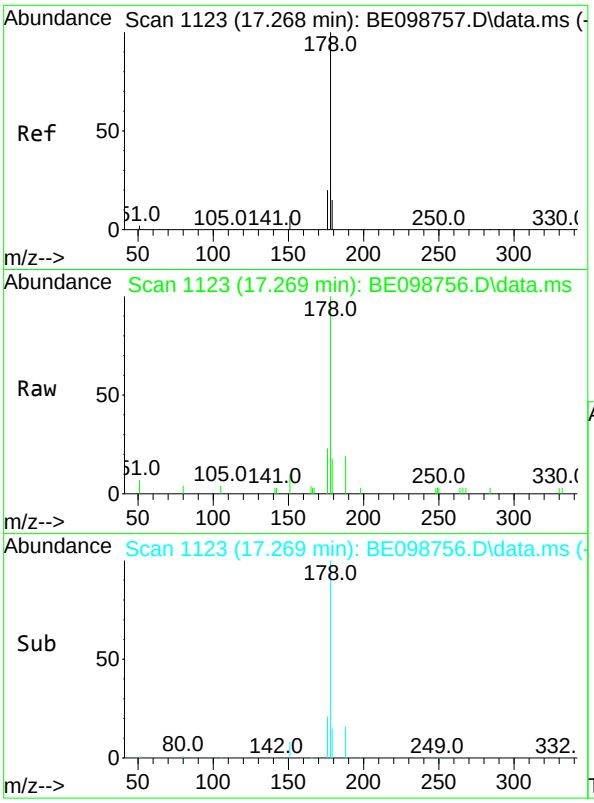
#22
Pentachlorophenol
Concen: 0.14 ng
RT: 16.907 min Scan# 1096
Delta R.T. 0.015 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:266 Resp: 149

Ion	Ratio	Lower	Upper
266	100		
264	84.9	53.7	80.5#
268	77.4	59.8	89.8



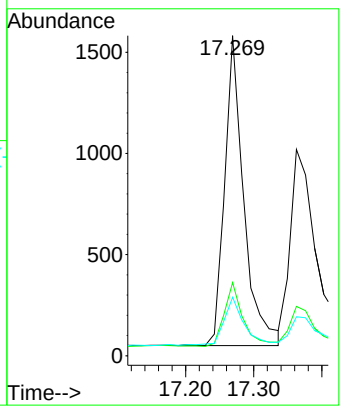
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

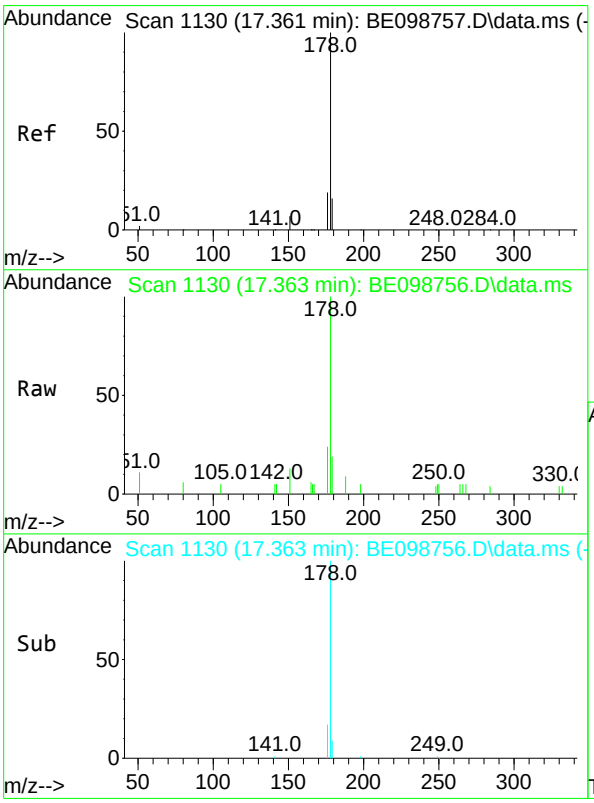


#23
Phenanthrene
Concen: 0.22 ng
RT: 17.269 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:178 Resp: 2999

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.0	12.2	18.4

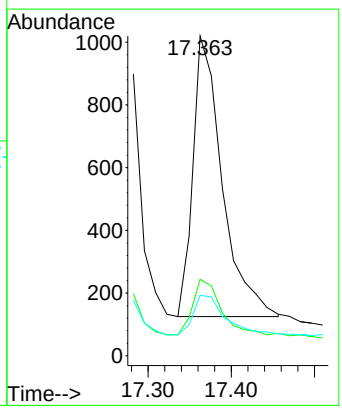




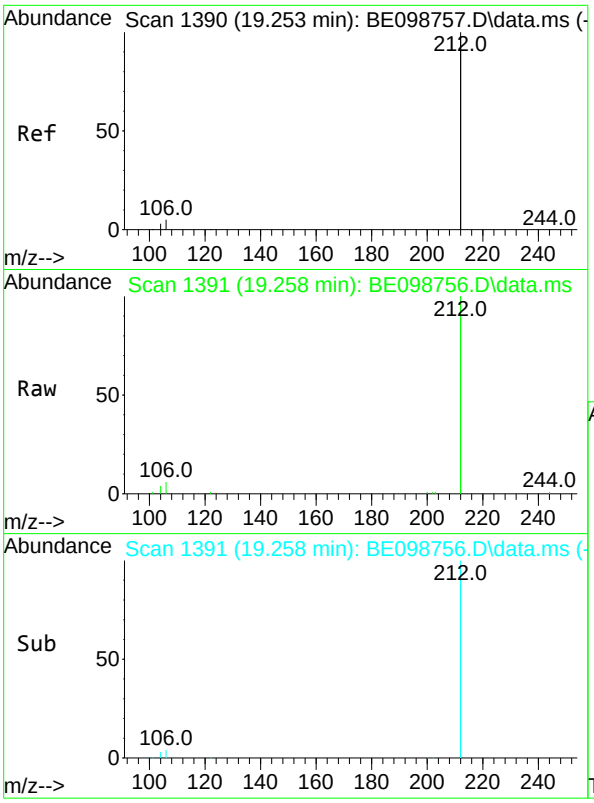
#24
Anthracene
Concen: 0.18 ng
RT: 17.363 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:178 Resp: 2186

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.6	11.8	17.8



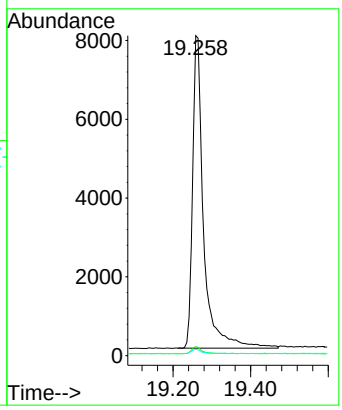
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

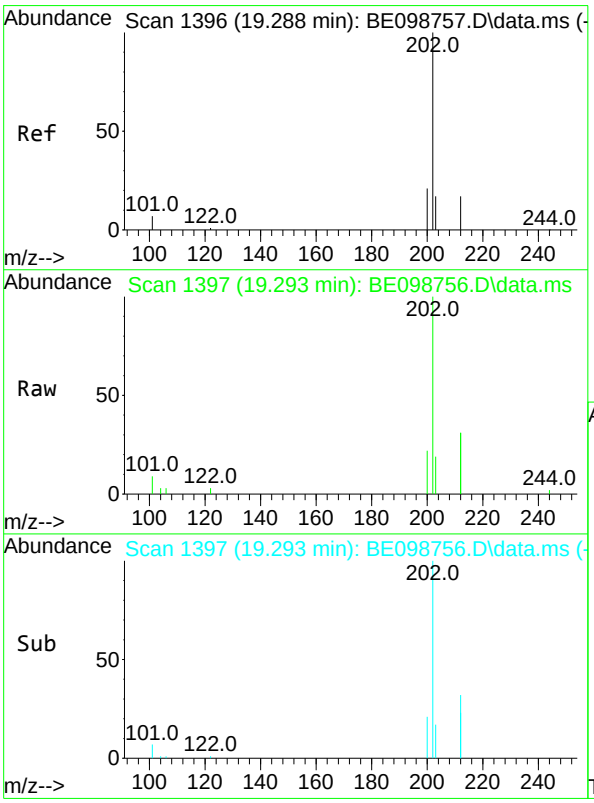


#25
Fluoranthene-d10
Concen: 0.22 ng
RT: 19.258 min Scan# 1391
Delta R.T. 0.005 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:212 Resp: 15683

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

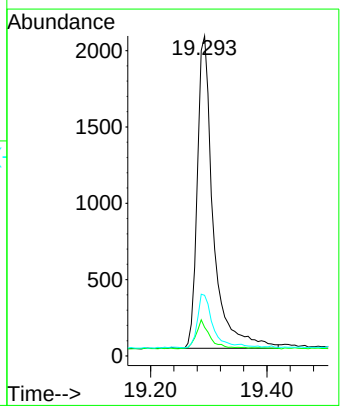




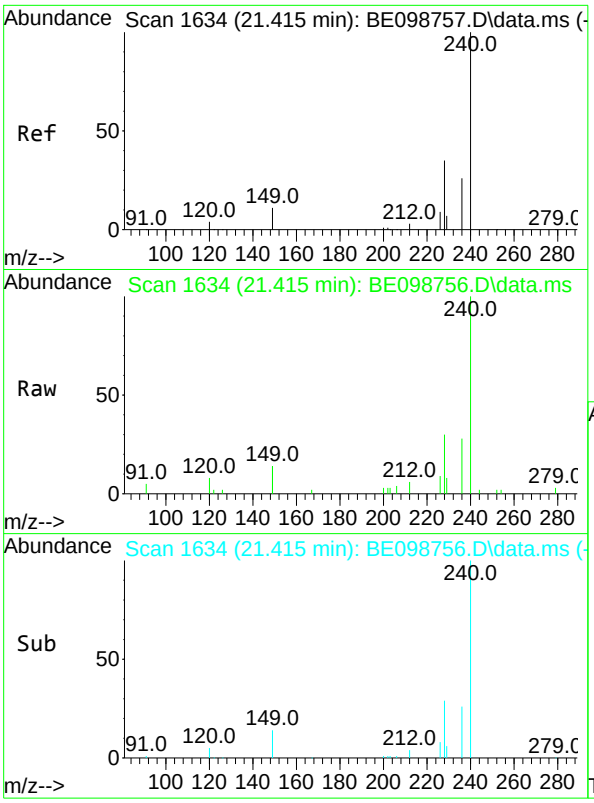
#26
Fluoranthene
Concen: 0.22 ng
RT: 19.293 min Scan# 1397
Delta R.T. 0.005 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:202 Resp: 3903

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.7	10.1
203	16.0	13.3	19.9



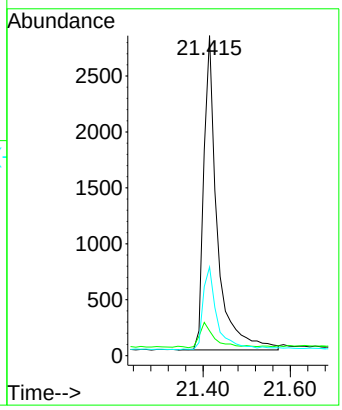
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

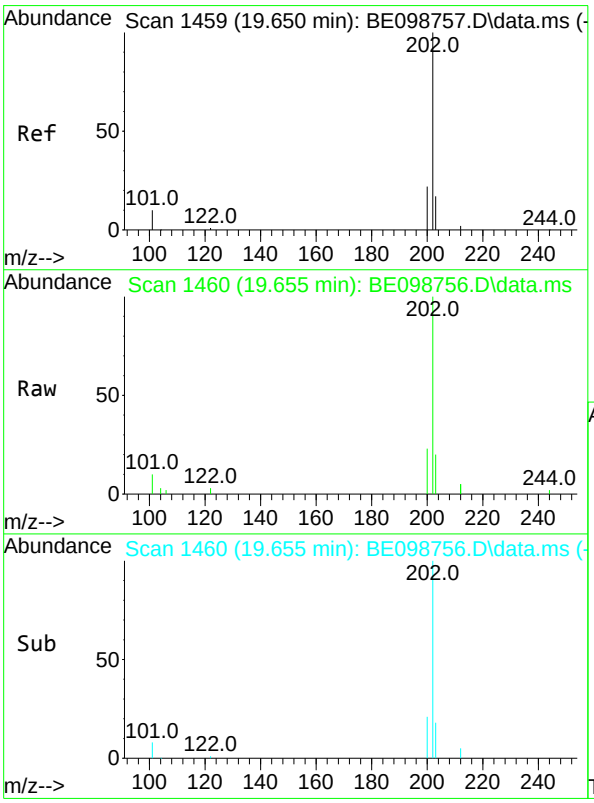


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:240 Resp: 5993

Ion	Ratio	Lower	Upper
240	100		
120	7.7	4.7	7.1#
236	27.7	21.9	32.9

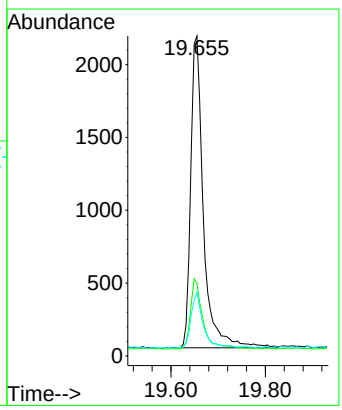




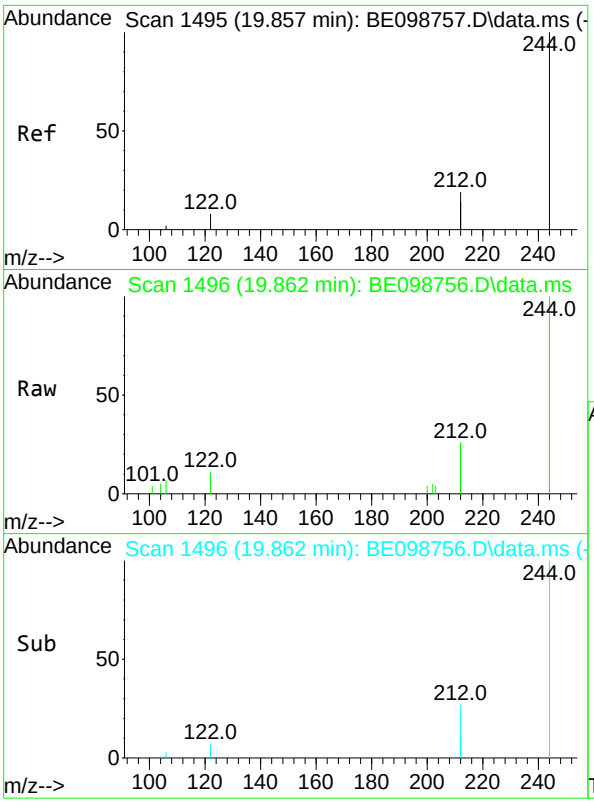
#28
Pyrene
Concen: 0.24 ng
RT: 19.655 min Scan# 1460
Delta R.T. 0.005 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:202 Resp: 3990

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.0	25.6
203	17.0	13.8	20.8



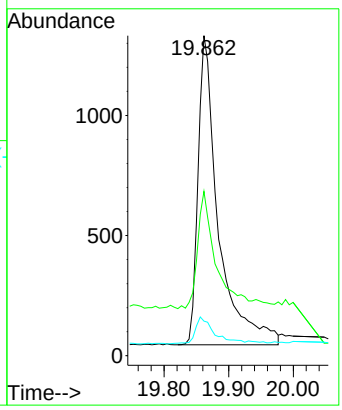
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

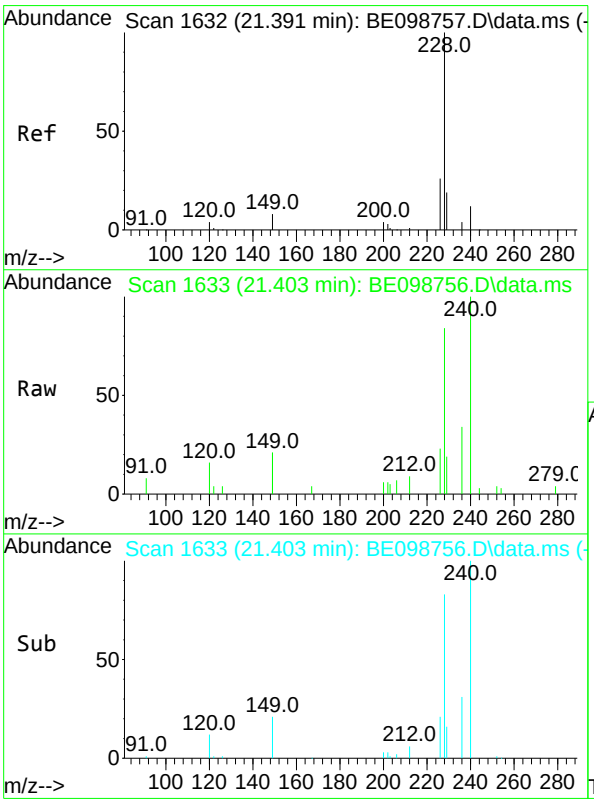


#29
Terphenyl-d14
Concen: 0.21 ng
RT: 19.862 min Scan# 1496
Delta R.T. 0.005 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:244 Resp: 2809

Ion	Ratio	Lower	Upper
244	100		
212	51.4	29.4	44.2#
122	10.8	7.1	10.7#

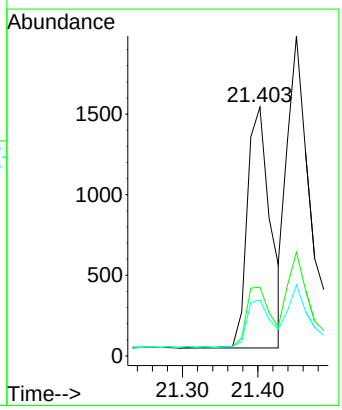


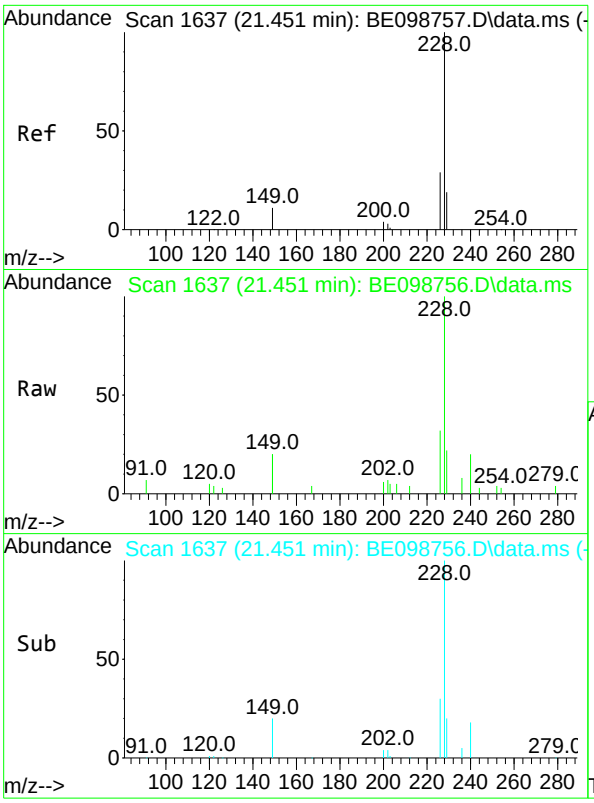


#30
Benzo(a)anthracene
Concen: 0.20 ng
RT: 21.403 min Scan# 1633
Delta R.T. 0.012 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:228 Resp: 3180

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	22.6	15.0	22.6

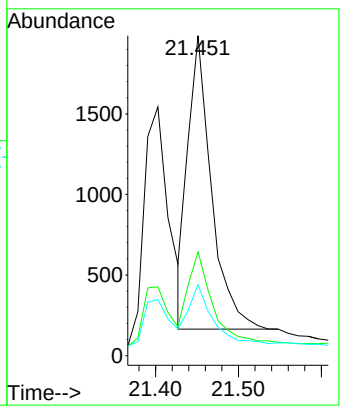




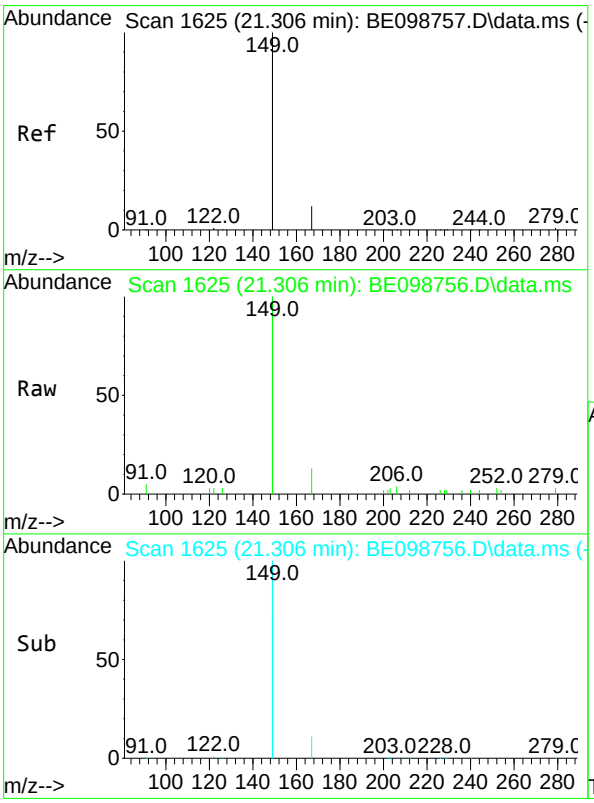
#31
Chrysene
Concen: 0.22 ng
RT: 21.451 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:228 Resp: 3600

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.6	36.8
229	22.2	16.4	24.6



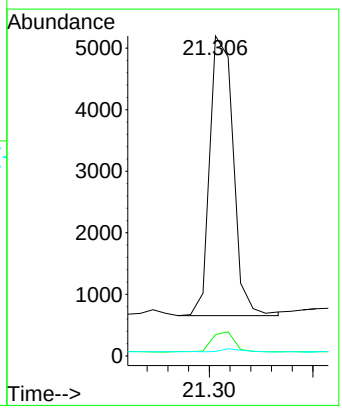
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2



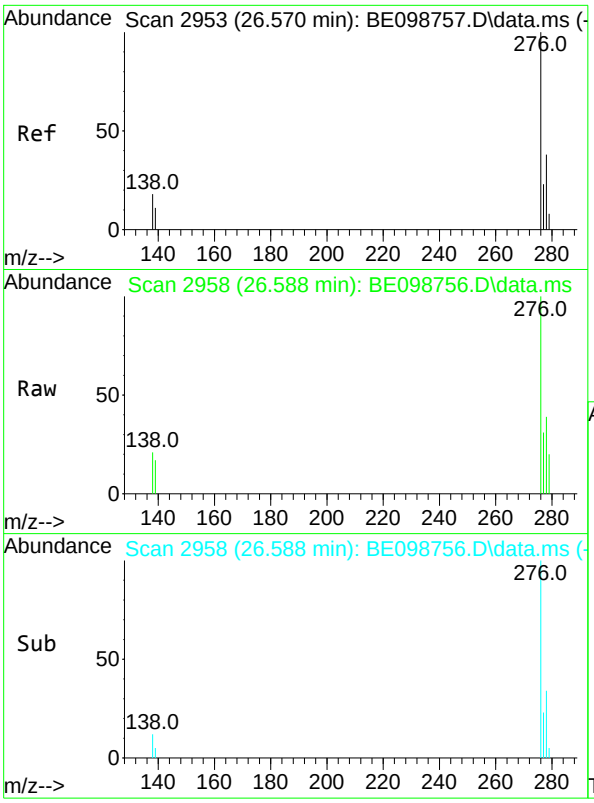
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.306 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:149 Resp: 7156

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.2
279	1.1	1.0	1.4



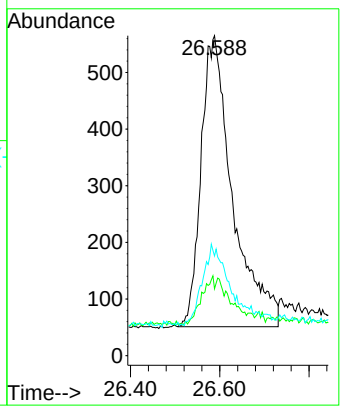
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

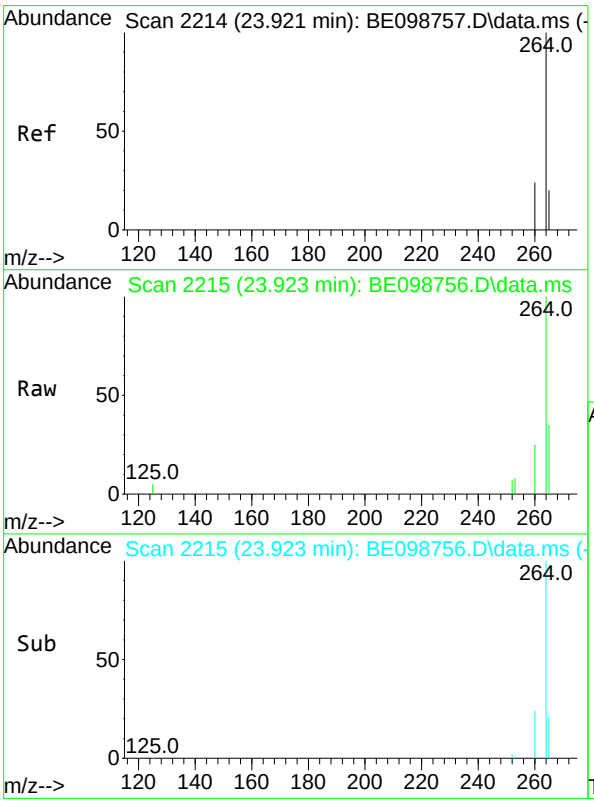


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.15 ng
RT: 26.588 min Scan# 2958
Delta R.T. 0.018 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:276 Resp: 2523

Ion	Ratio	Lower	Upper
276	100		
138	6.9	13.3	19.9#
277	23.4	19.4	29.0

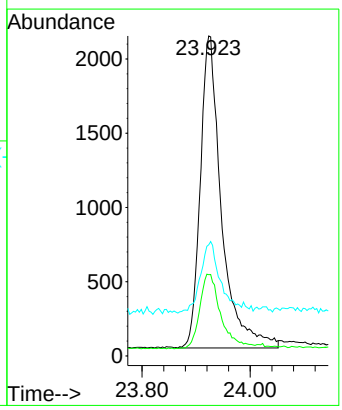




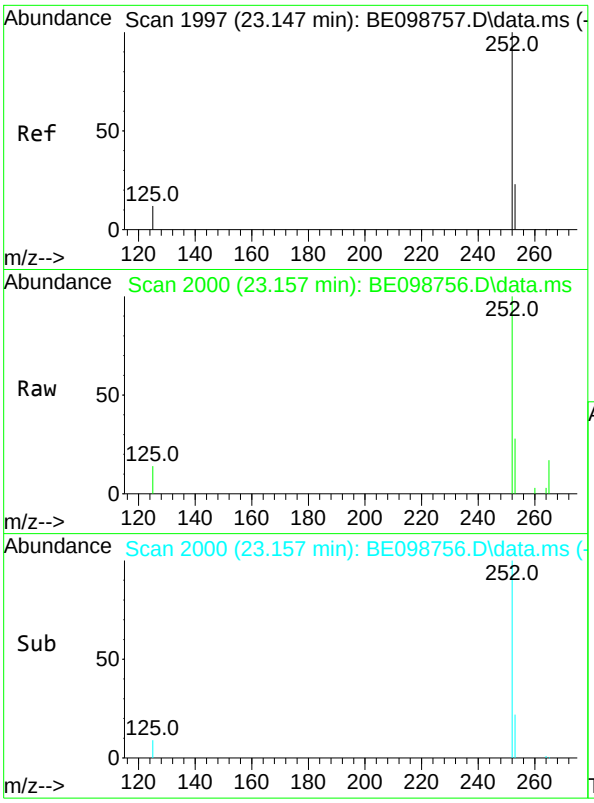
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.923 min Scan# 2215
Delta R.T. 0.003 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:264 Resp: 5735

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	34.8	22.3	33.5#



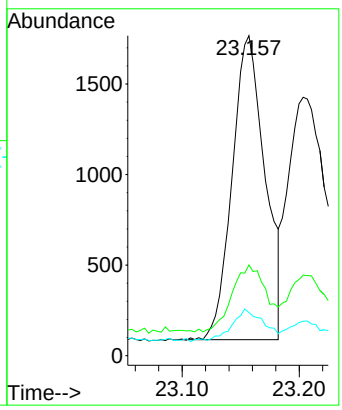
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

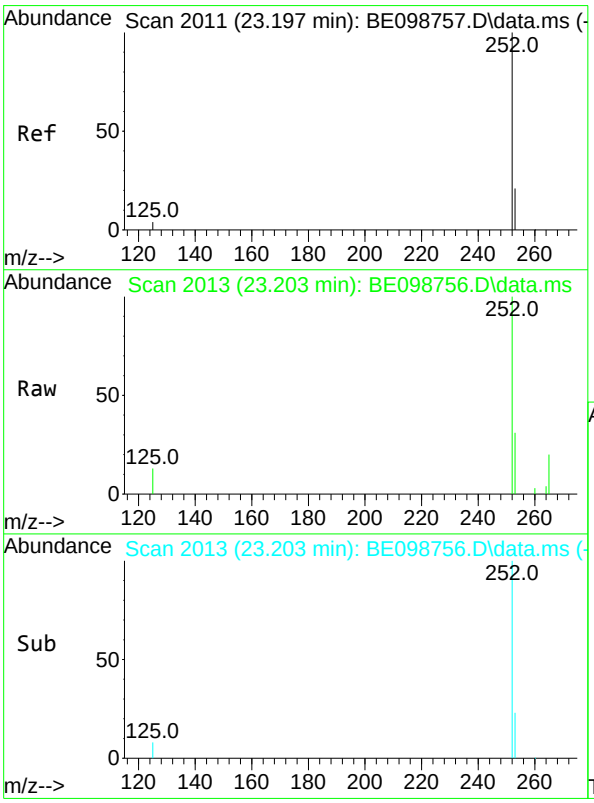


#35
Benzo(b)fluoranthene
Concen: 0.21 ng
RT: 23.157 min Scan# 2000
Delta R.T. 0.010 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:252 Resp: 3275

Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.4	29.0
125	13.5	8.2	12.4#

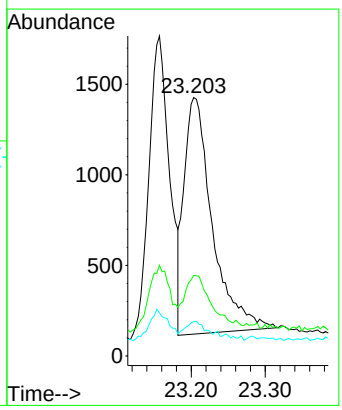




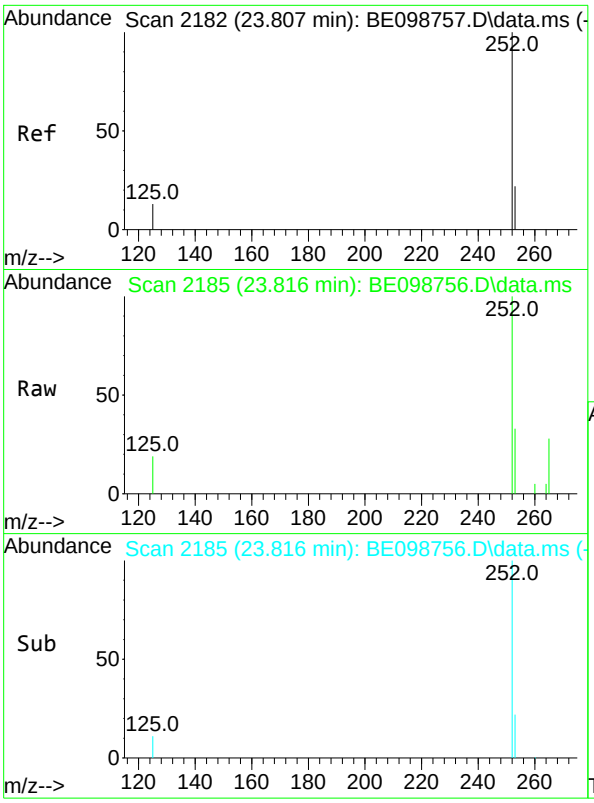
#36
Benzo(k)fluoranthene
Concen: 0.20 ng
RT: 23.203 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:252 Resp: 3473

Ion	Ratio	Lower	Upper
252	100		
253	31.1	19.0	28.4#
125	13.3	7.0	10.4#



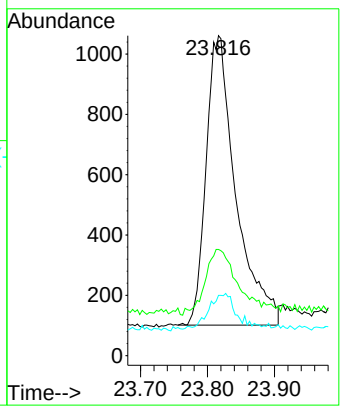
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

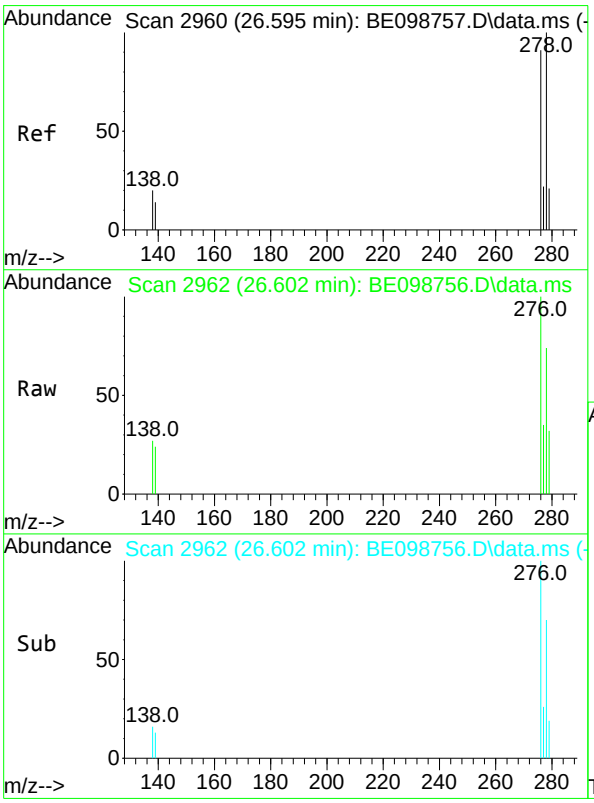


#37
Benzo(a)pyrene
Concen: 0.19 ng
RT: 23.816 min Scan# 2185
Delta R.T. 0.010 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:252 Resp: 2965

Ion	Ratio	Lower	Upper
252	100		
253	33.2	21.0	31.4#
125	18.9	9.2	13.8#

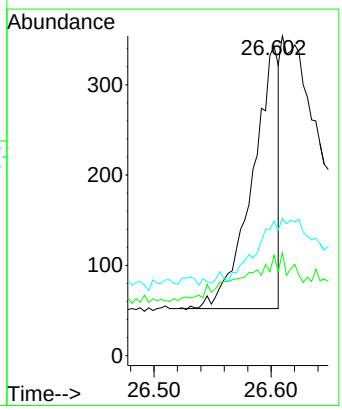


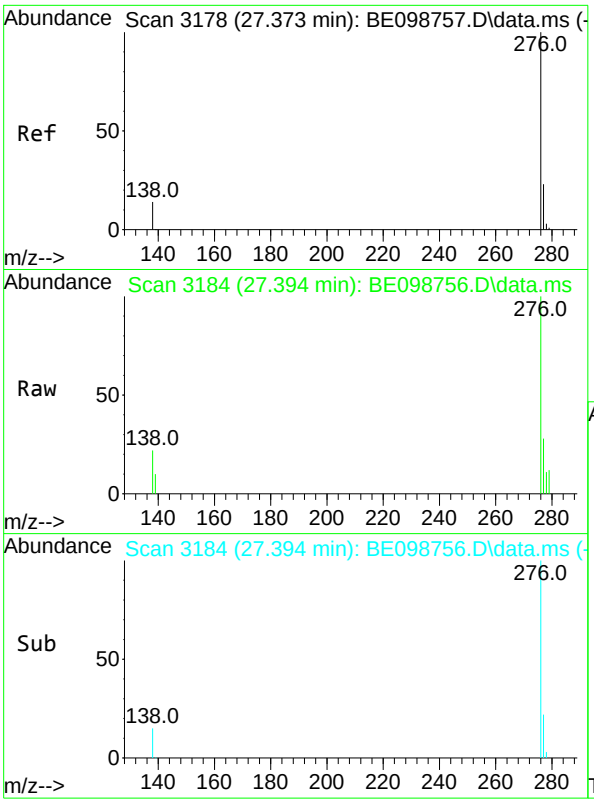


#38
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.602 min Scan# 2962
Delta R.T. 0.007 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:278 Resp: 461

Ion	Ratio	Lower	Upper
278	100		
139	32.4	12.7	19.1#
279	43.4	22.0	33.0#

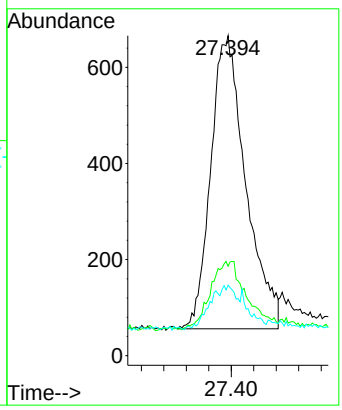




#39
Benzo(g,h,i)perylene
Concen: 0.18 ng
RT: 27.394 min Scan# 3184
Delta R.T. 0.021 min
Lab File: BE098756.D
Acq: 26 Feb 2019 12:05

Tgt Ion:276 Resp: 2639

Ion	Ratio	Lower	Upper
276	100		
277	27.9	20.3	30.5
138	22.1	13.3	19.9#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2