Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098759.D
Acq On : 26 Feb 2019 13:55
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Feb 26 14:36:58 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 14:06:40 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	979	0.40	ng		-0.01
7) Naphthalene-d8	10.601	136	3982	0.40	ng		0.00
13) Acenaphthene-d10	14.471	164	2497	0.40	ng		0.00
19) Phenanthrene-d10	17.215	188	6009	0.40	ng		#-0.01
27) Chrysene-d12	21.403	240	6831	0.40	ng		#-0.01
34) Perylene-d12	23.919	264	6282	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.397	112	4530	1.73	ng		-0.01
5) Phenol-d6	6.986	99	6860	1.84	ng		-0.01
8) Nitrobenzene-d5	8.964	82	7514	2.38	ng		-0.01
11) 2-Methylnaphthalene-d10	12.195	152	12975	1.98	ng		-0.01
14) 2,4,6-Tribromophenol	15.970	330	2096	1.93	ng		-0.01
15) 2-Fluorobiphenyl	13.088	172	18212	1.78	ng		0.00
25) Fluoranthene-d10	19.252	212	146893	1.97	ng		0.00
29) Terphenyl-d14	19.850	244	28379	1.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	2542	1.32	ng		95
3) n-Nitrosodimethylamine	3.635	42	3843	2.71	ng	#	97
6) bis(2-Chloroethyl)ether	7.228	93	5107	1.82	ng		95
9) Naphthalene	10.640	128	77216	1.95	ng		99
10) Hexachlorobutadiene	10.926	225	4932	1.74	ng		98
12) 2-Methylnaphthalene	12.267	142	13237	2.01	ng		93
16) Acenaphthylene	14.183	152	23191	2.14	ng		99
17) Acenaphthene	14.529	154	13338	1.97	ng		98
18) Fluorene	15.515	166	18581	2.11	ng		99
20) 4-Bromophenyl-phenylether	16.412	248	6222	1.95	ng	#	87
21) Hexachlorobenzene	16.519	284	6801	1.77	ng		95
22) Pentachlorophenol	16.881	266	1678	1.49	ng		90
23) Phenanthrene	17.256	178	28739	2.02	ng		99
24) Anthracene	17.349	178	25862	2.12	ng		99
26) Fluoranthene	19.281	202	36720	2.00	ng		99
28) Pyrene	19.643	202	37258	1.98	ng		99
30) Benzo(a)anthracene	21.390	228	34925	1.90	ng		98
31) Chrysene	21.439	228	37409	1.97	ng		99
32) Bis(2-ethylhexyl)phtha...	21.306	149	67335	1.73	ng		100
33) Indeno(1,2,3-cd)pyrene	26.559	276	34360	1.75	ng		99
35) Benzo(b)fluoranthene	23.146	252	34959	2.04	ng	#	95
36) Benzo(k)fluoranthene	23.196	252	36613	1.95	ng		97
37) Benzo(a)pyrene	23.805	252	32144	1.91	ng	#	92
38) Dibenzo(a,h)anthracene	26.584	278	24780	1.66	ng	#	93
39) Benzo(g,h,i)perylene	27.369	276	30650	1.88	ng		97

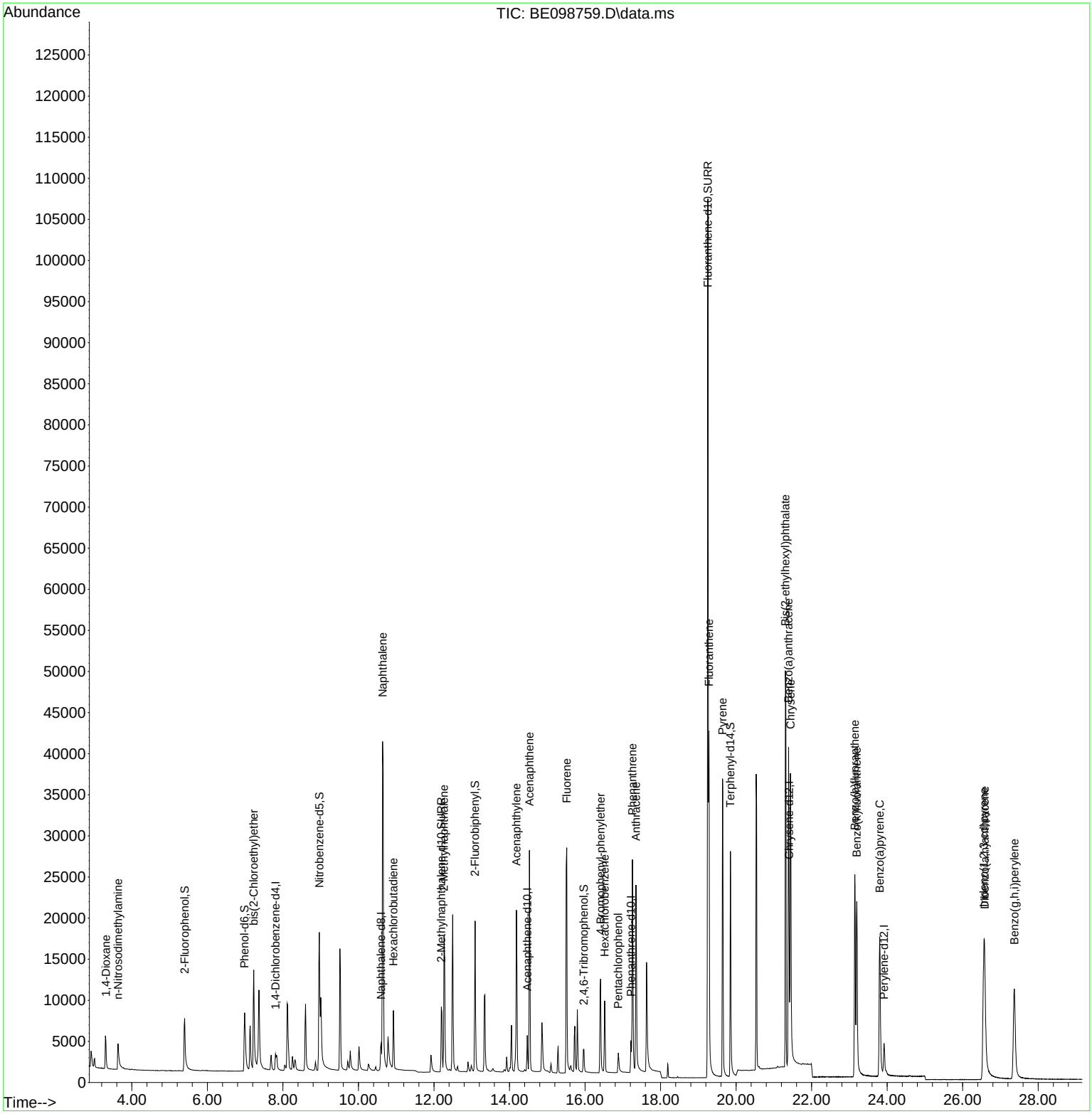
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

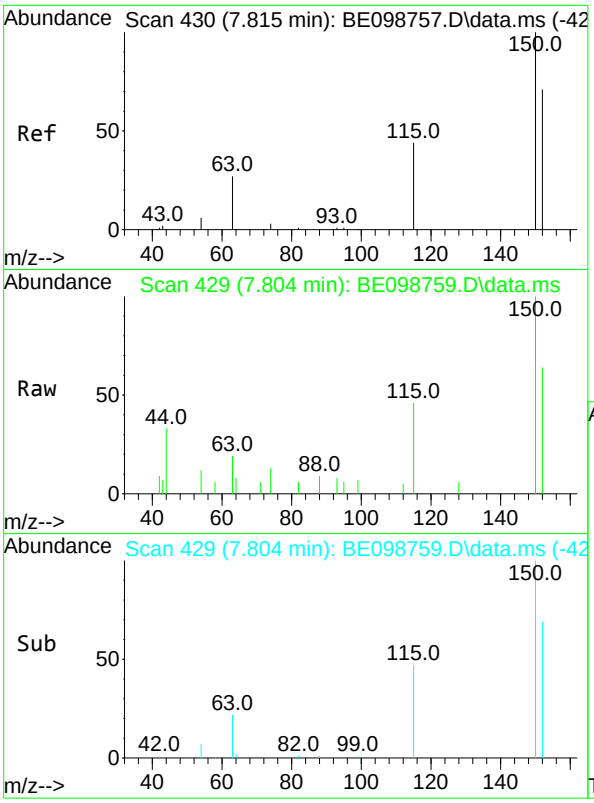
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098759.D
Acq On : 26 Feb 2019 13:55
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Feb 26 14:36:58 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 14:06:40 2019
Response via : Initial Calibration



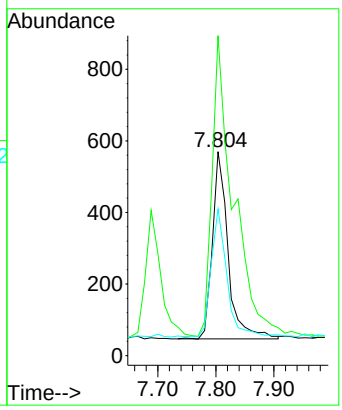
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

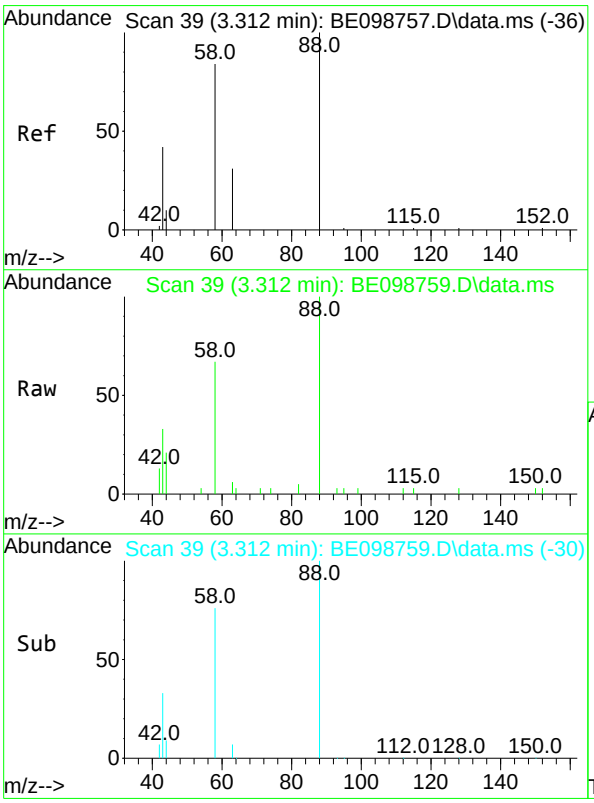


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.804 min Scan# 429
Delta R.T. -0.011 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:152 Resp: 979

Ion	Ratio	Lower	Upper
152	100		
150	156.8	121.4	182.2
115	71.9	59.1	88.7

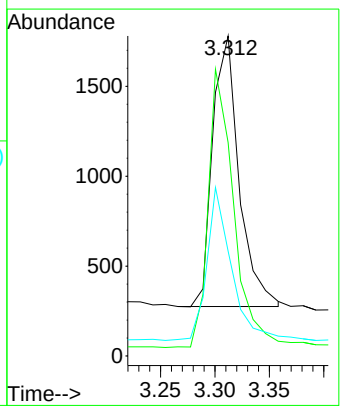




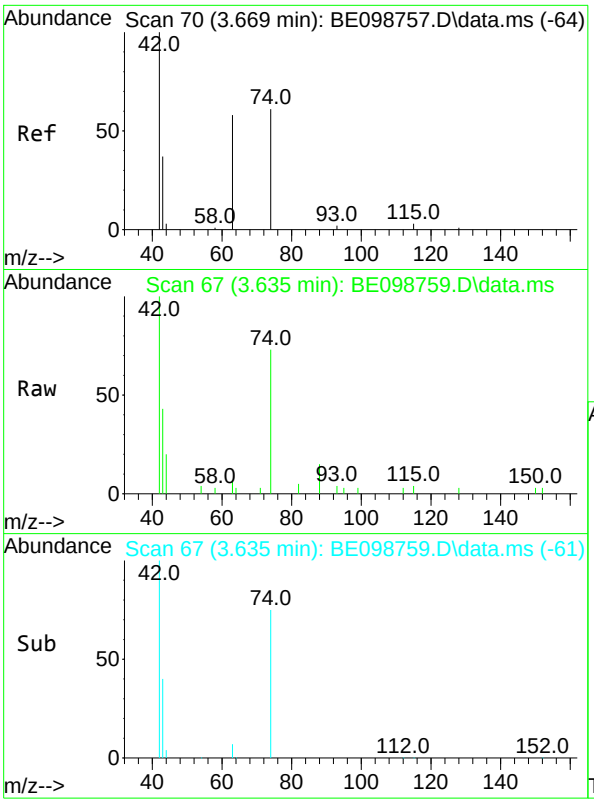
#2
1,4-Dioxane
Concen: 1.32 ng
RT: 3.312 min Scan# 39
Delta R.T. -0.000 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion: 88 Resp: 2542

Ion	Ratio	Lower	Upper
88	100		
58	98.5	73.9	110.9
43	51.9	43.7	65.5



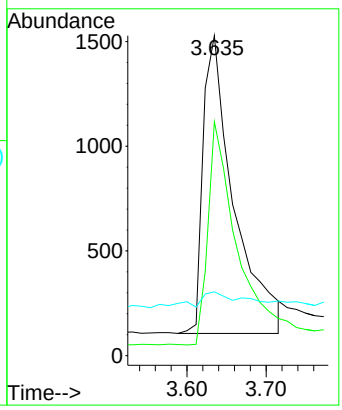
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

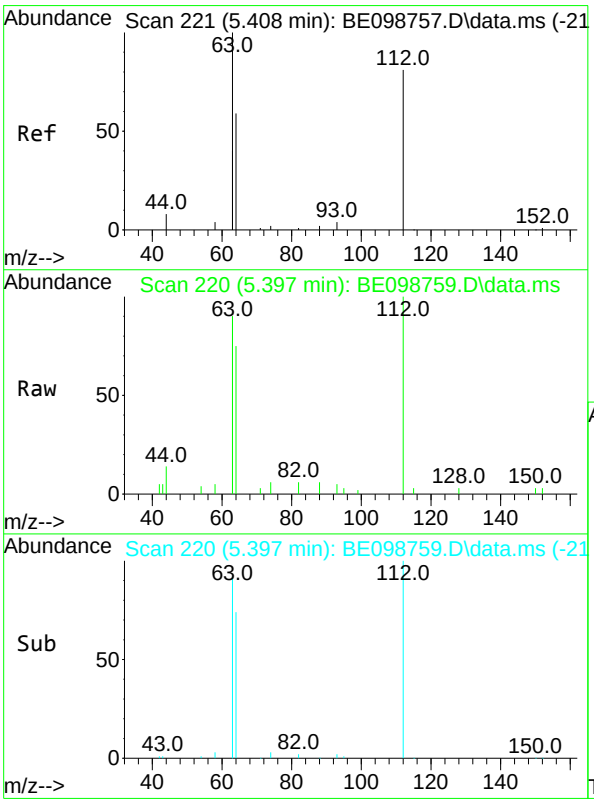


#3
n-Nitrosodimethylamine
Concen: 2.71 ng
RT: 3.635 min Scan# 67
Delta R.T. -0.035 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion: 42 Resp: 3843

Ion	Ratio	Lower	Upper
42	100		
74	71.1	58.9	88.3
44	3.6	0.0	0.0#

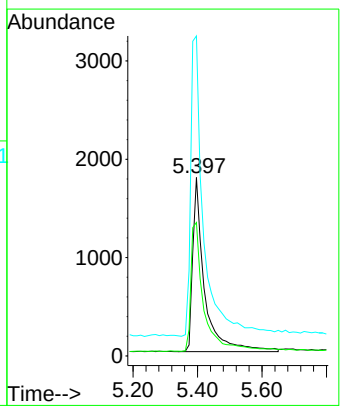




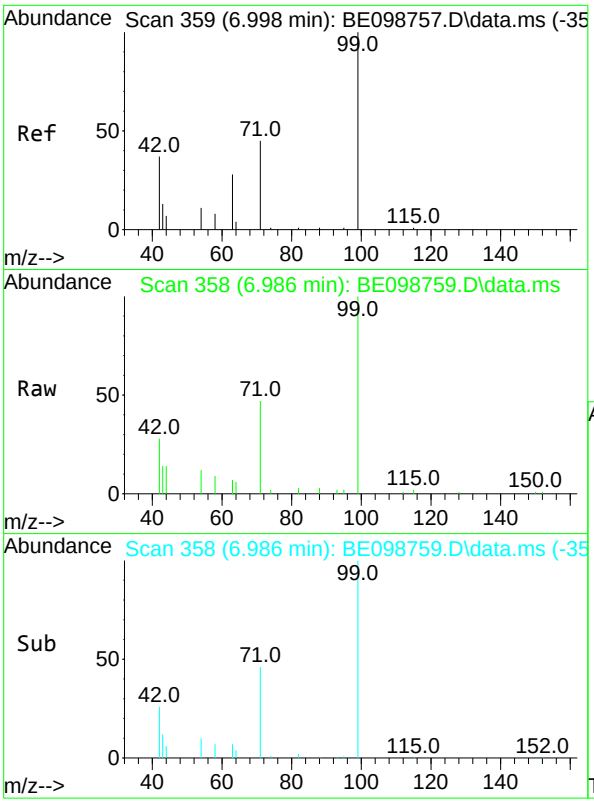
#4
2-Fluorophenol
Concen: 1.73 ng
RT: 5.397 min Scan# 220
Delta R.T. -0.012 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:112 Resp: 4530

Ion	Ratio	Lower	Upper
112	100		
64	82.1	62.9	94.3
63	191.5	152.2	228.4



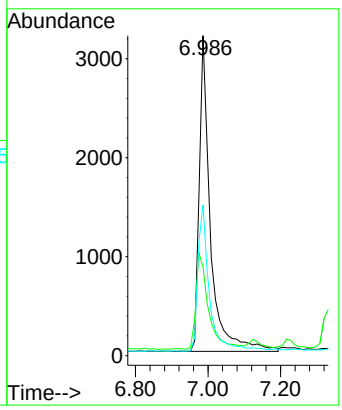
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

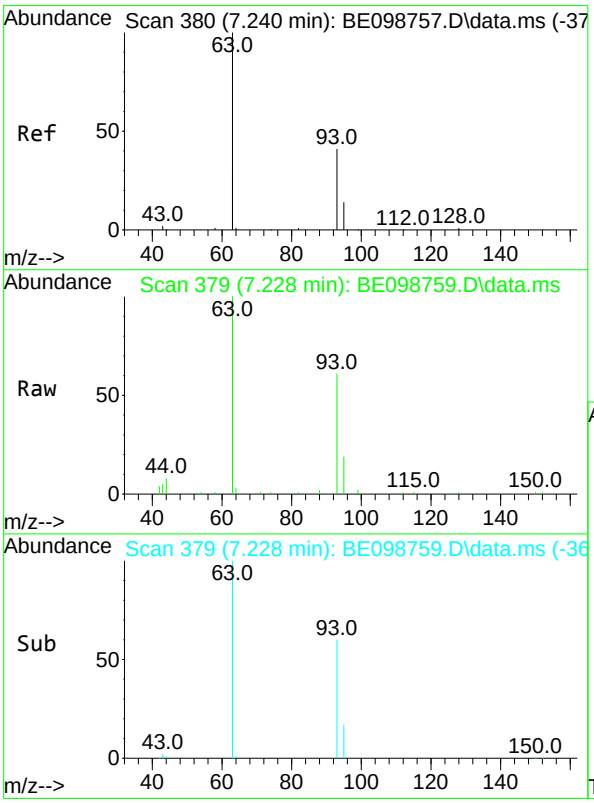


#5
Phenol-d6
Concen: 1.84 ng
RT: 6.986 min Scan# 358
Delta R.T. -0.012 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion: 99 Resp: 6860

Ion	Ratio	Lower	Upper
99	100		
42	33.6	24.6	37.0
71	47.6	35.1	52.7

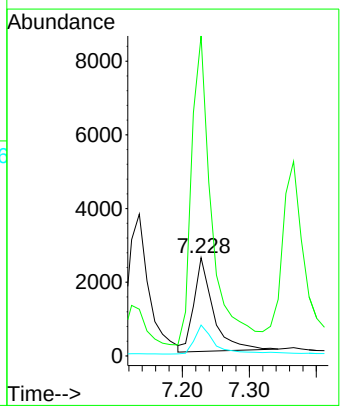


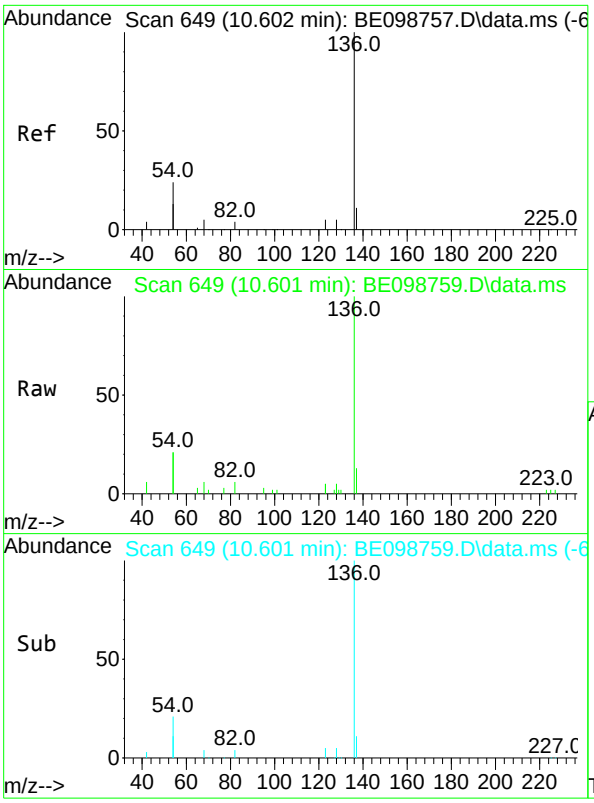


#6
bis(2-Chloroethyl)ether
Concen: 1.82 ng
RT: 7.228 min Scan# 379
Delta R.T. -0.012 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion: 93 Resp: 5107

Ion	Ratio	Lower	Upper
93	100		
63	345.8	267.3	400.9
95	33.7	26.2	39.4

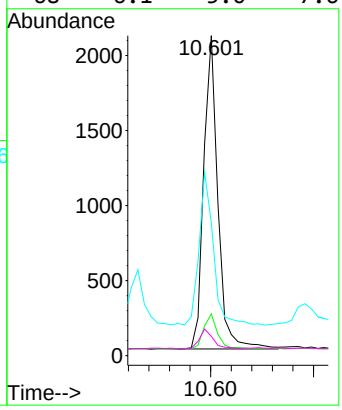




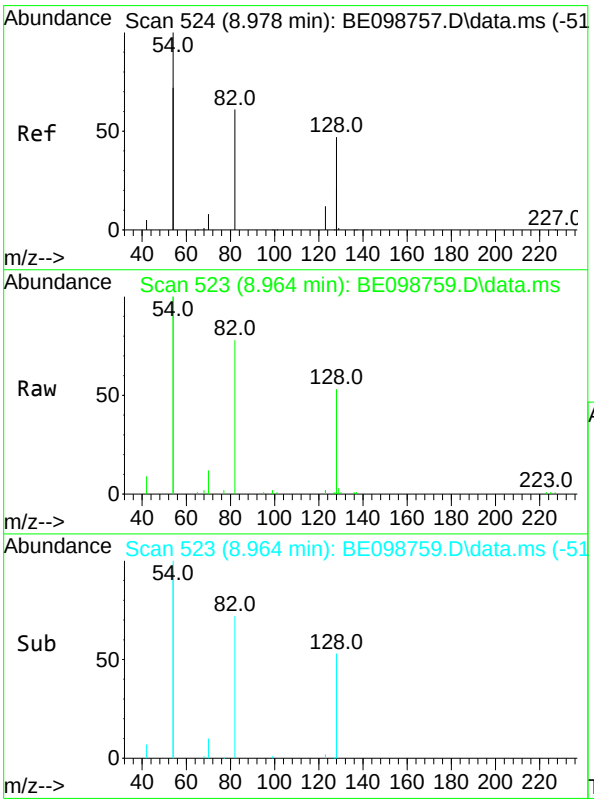
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:136 Resp: 3982

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.7	14.5
54	41.6	35.5	53.3
68	6.1	5.0	7.6



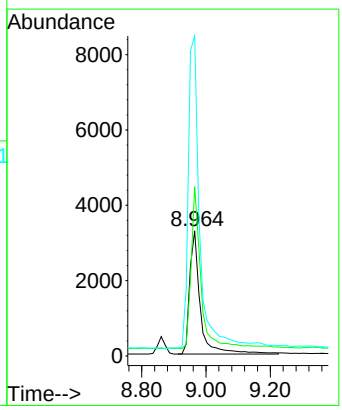
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6



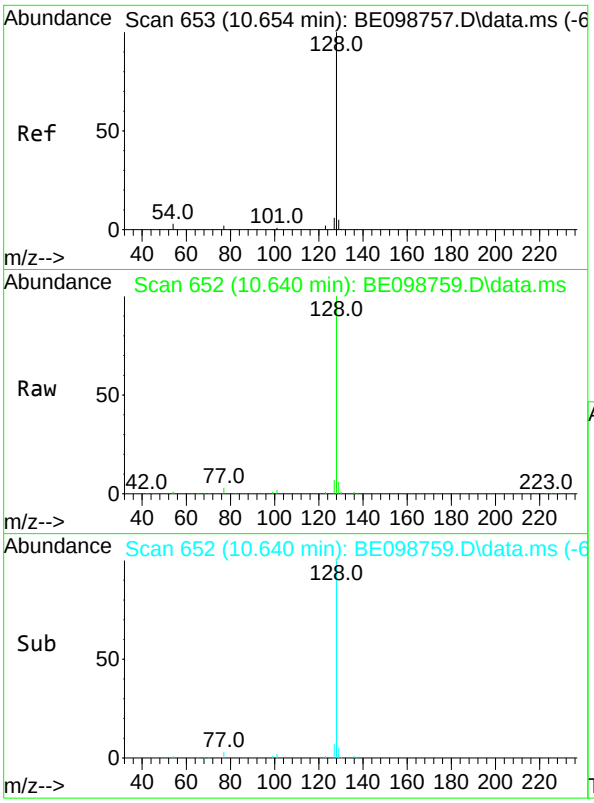
#8
Nitrobenzene-d5
Concen: 2.38 ng
RT: 8.964 min Scan# 523
Delta R.T. -0.014 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion: 82 Resp: 7514

Ion	Ratio	Lower	Upper
82	100		
128	135.3	96.5	144.7
54	255.7	224.7	337.1



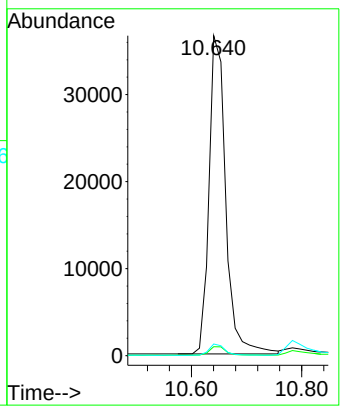
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

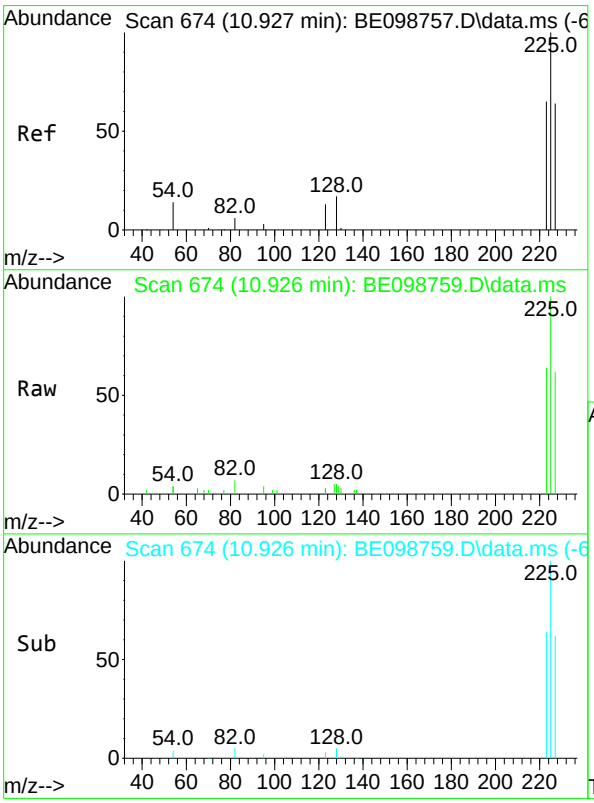


#9
Naphthalene
Concen: 1.95 ng
RT: 10.640 min Scan# 652
Delta R.T. -0.014 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:128 Resp: 77216

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.7	3.0	4.6

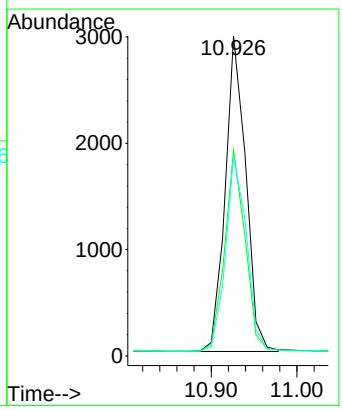


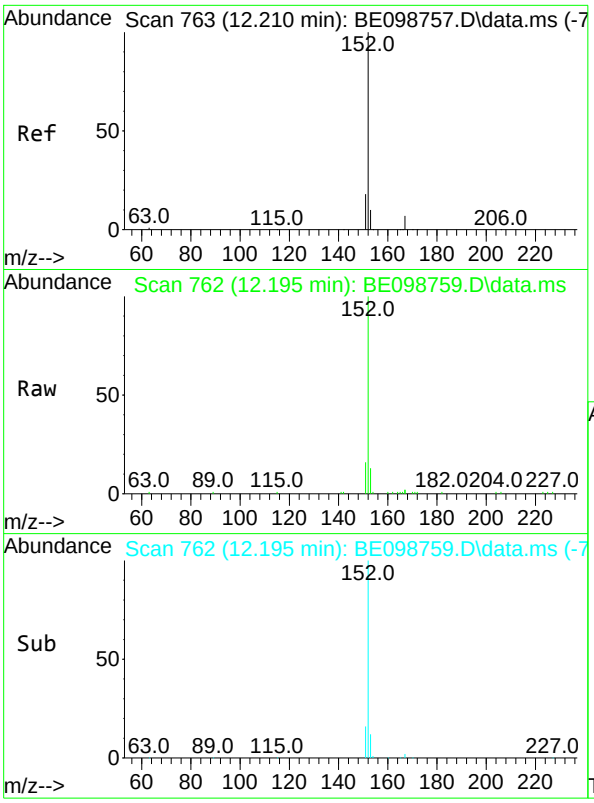


#10
Hexachlorobutadiene
Concen: 1.74 ng
RT: 10.926 min Scan# 674
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:225 Resp: 4932

Ion	Ratio	Lower	Upper
225	100		
223	63.1	47.8	71.8
227	63.0	50.5	75.7

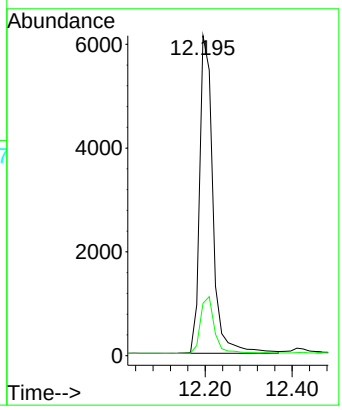




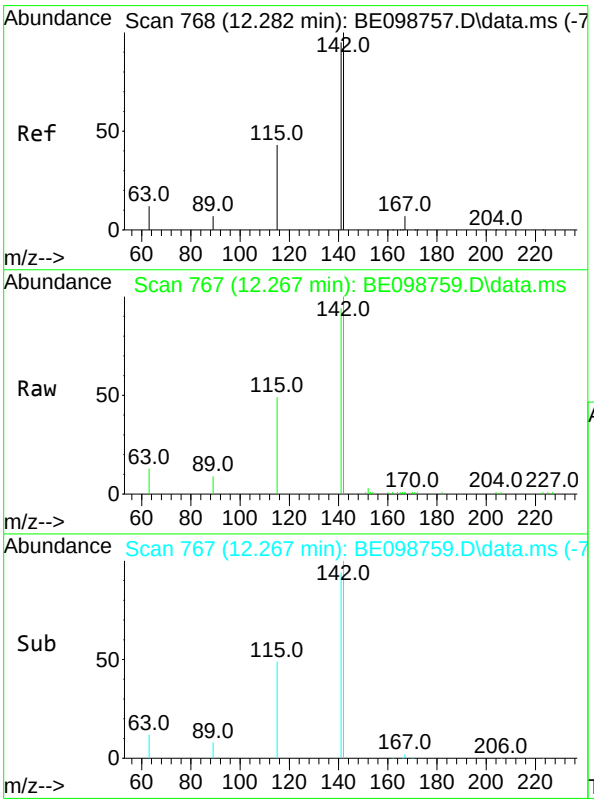
#11
2-Methylnaphthalene-d10
Concen: 1.98 ng
RT: 12.195 min Scan# 762
Delta R.T. -0.015 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:152 Resp: 12975

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4



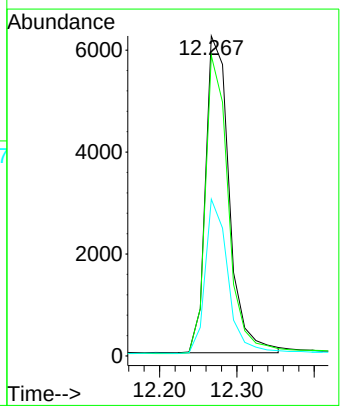
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6



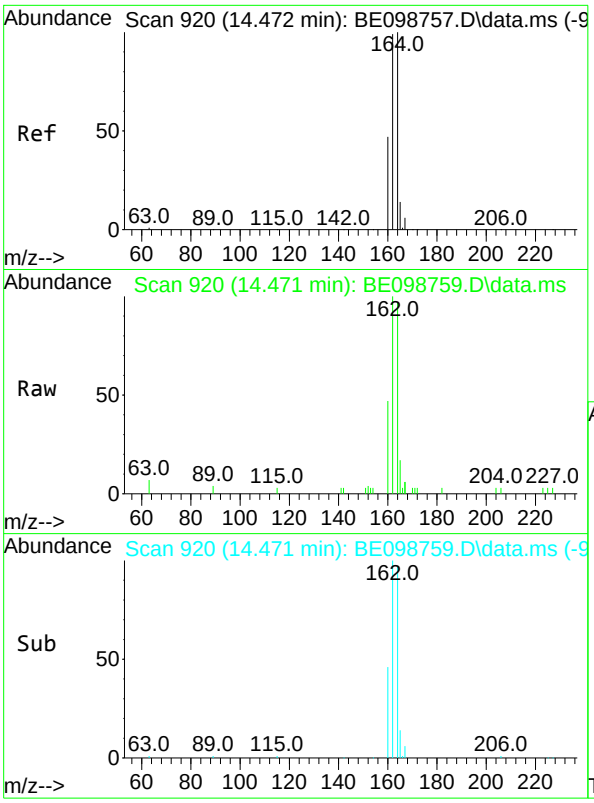
#12
2-Methylnaphthalene
Concen: 2.01 ng
RT: 12.267 min Scan# 767
Delta R.T. -0.015 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:142 Resp: 13237

Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.0	105.0
115	49.0	35.2	52.8



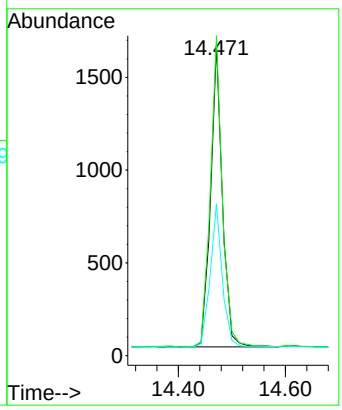
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

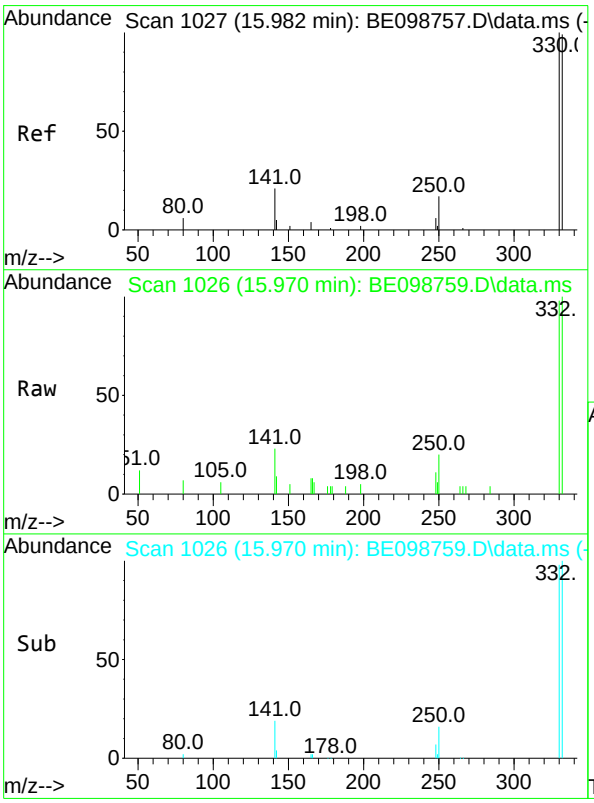


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:164 Resp: 2497

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.5	120.7
160	48.9	40.1	60.1

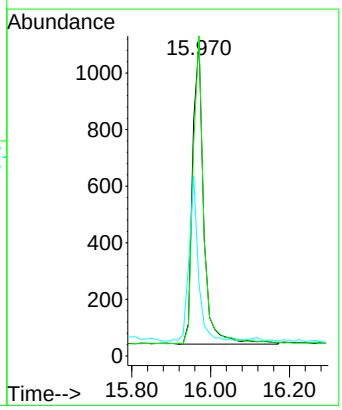




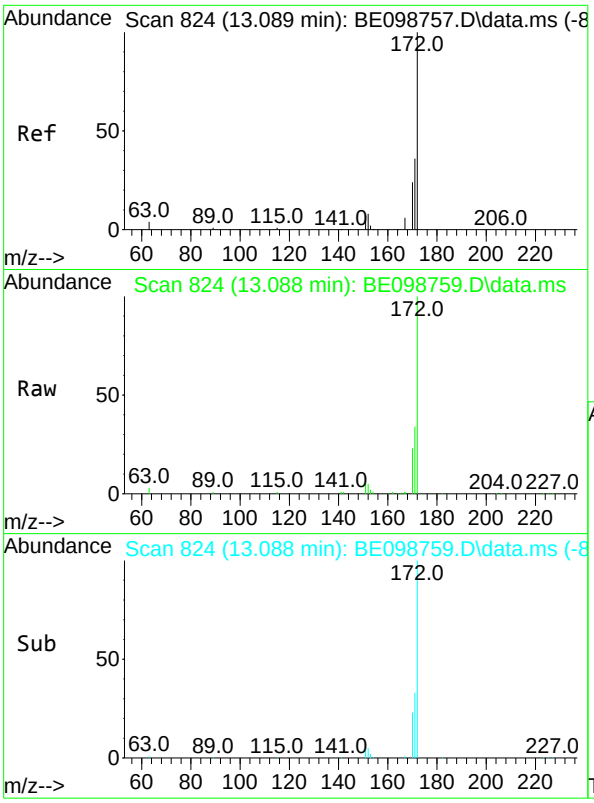
#14
2,4,6-Tribromophenol
Concen: 1.93 ng
RT: 15.970 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:330 Resp: 2096

Ion	Ratio	Lower	Upper
330	100		
332	96.3	73.3	109.9
141	45.0	33.1	49.7



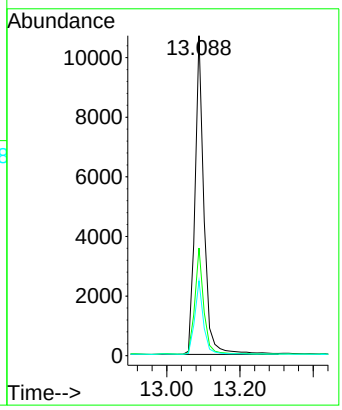
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

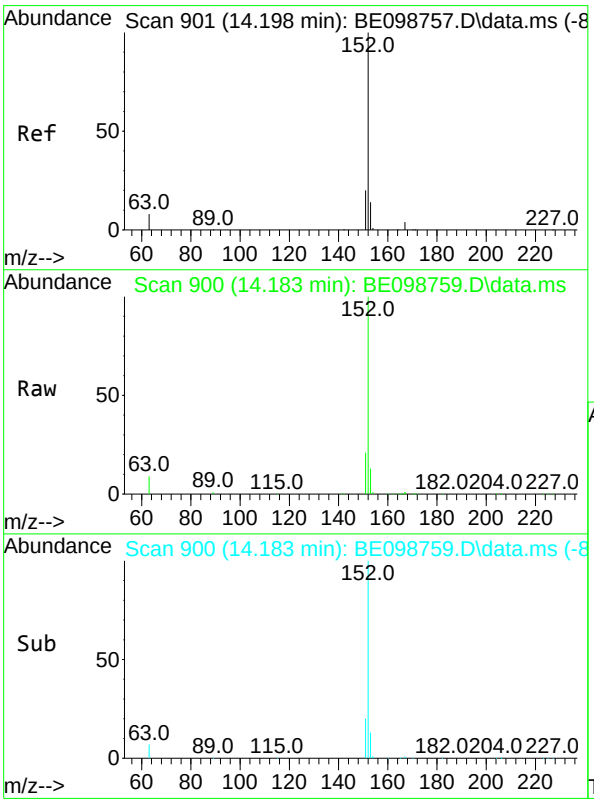


#15
2-Fluorobiphenyl
Concen: 1.78 ng
RT: 13.088 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:172 Resp: 18212

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.0	43.4
170	23.4	20.8	31.2

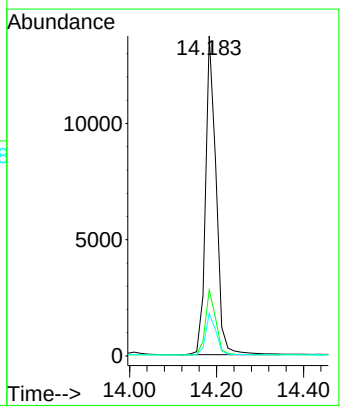




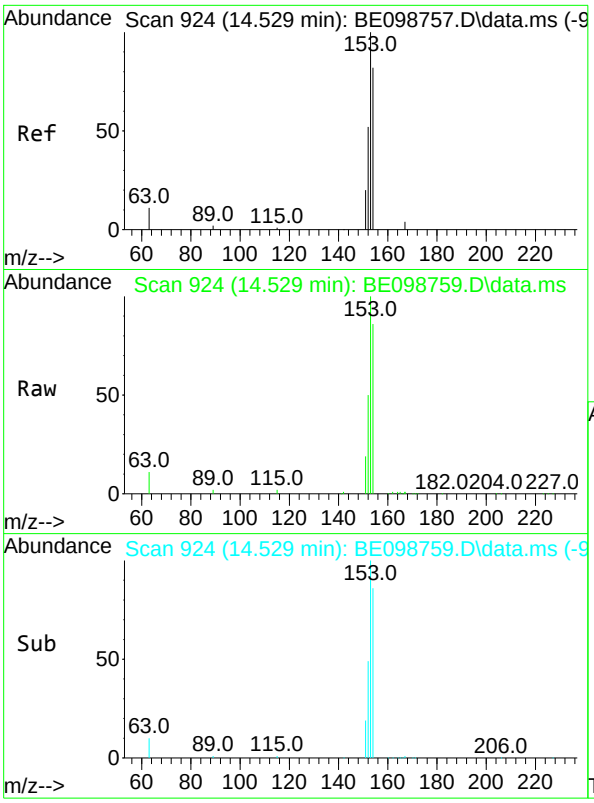
#16
Acenaphthylene
Concen: 2.14 ng
RT: 14.183 min Scan# 900
Delta R.T. -0.015 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:152 Resp: 23191

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.9	10.7	16.1



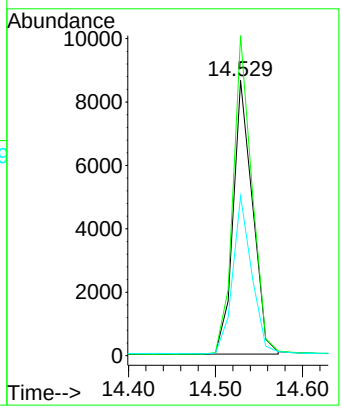
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

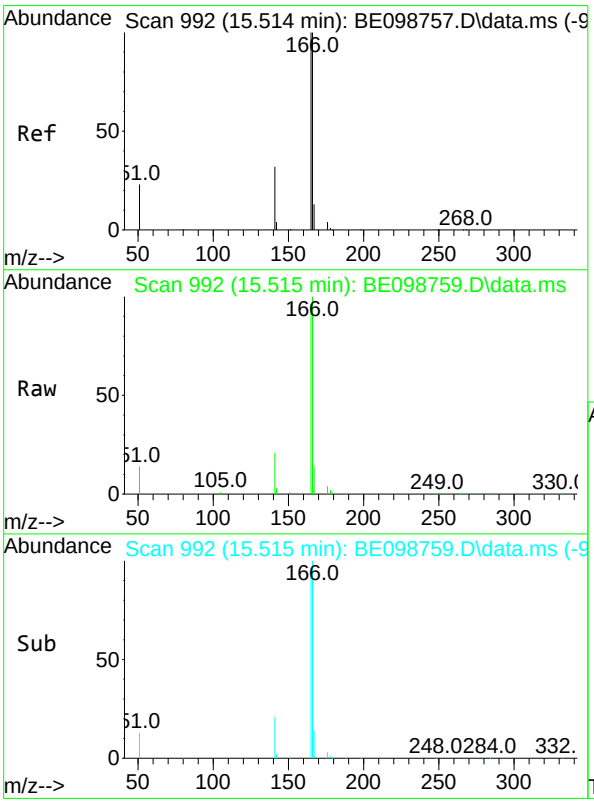


#17
Acenaphthene
Concen: 1.97 ng
RT: 14.529 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:154 Resp: 13338

Ion	Ratio	Lower	Upper
154	100		
153	114.0	93.9	140.9
152	56.4	45.8	68.8

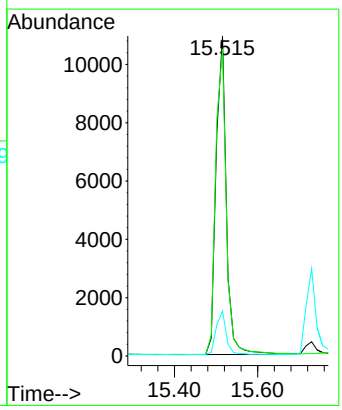




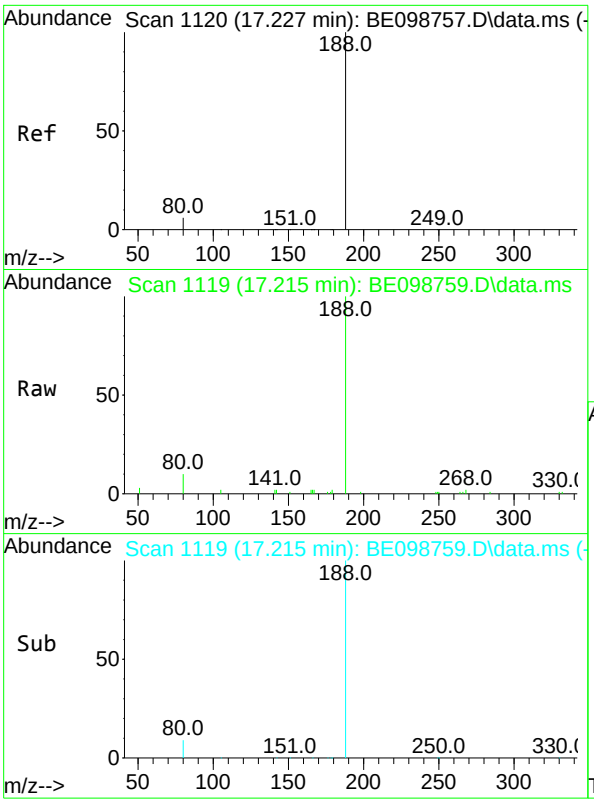
#18
Fluorene
Concen: 2.11 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:166 Resp: 18581

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.3	118.9
167	13.7	10.6	15.8



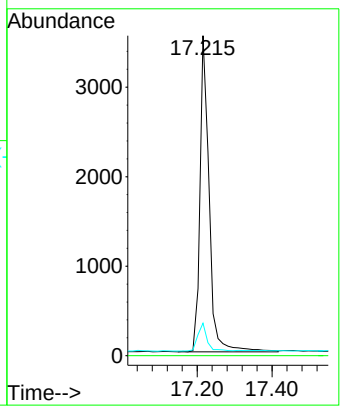
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

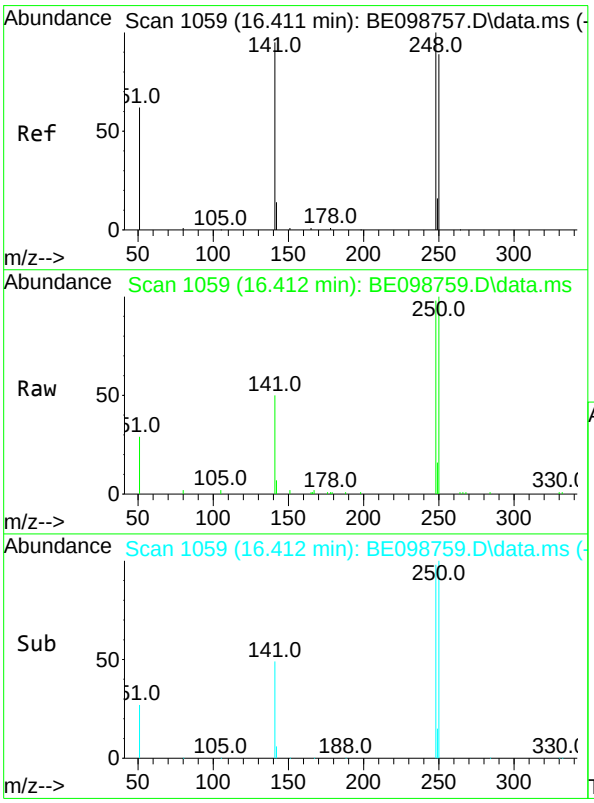


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.215 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:188 Resp: 6009

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	4.7	7.1#

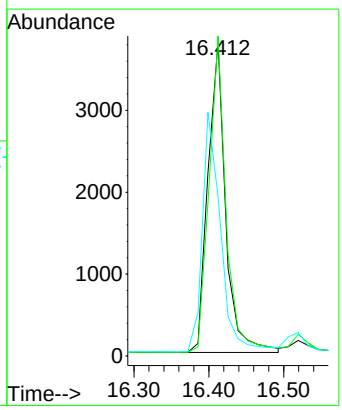




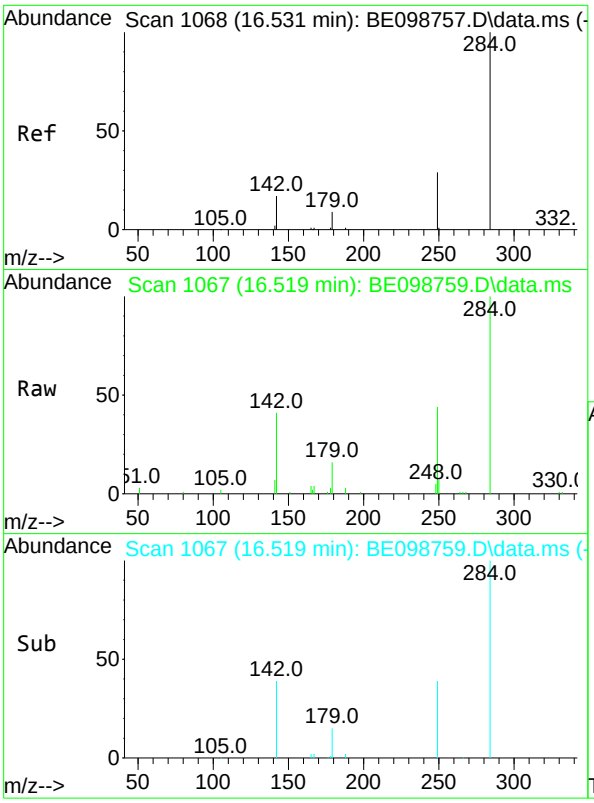
#20
4-Bromophenyl-phenylether
Concen: 1.95 ng
RT: 16.412 min Scan# 1059
Delta R.T. 0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:248 Resp: 6222

Ion	Ratio	Lower	Upper
248	100		
250	101.8	80.2	120.4
141	50.7	60.5	90.7#



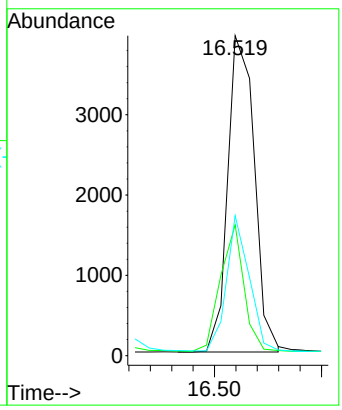
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

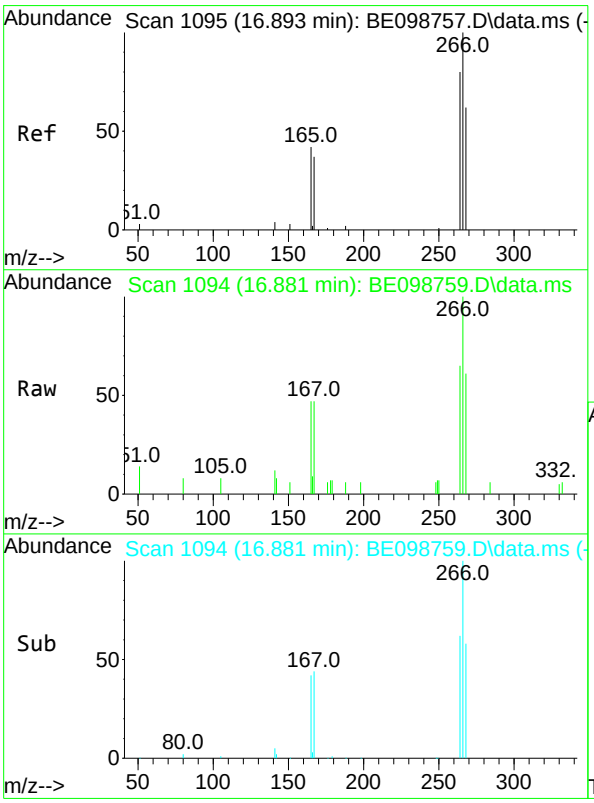


#21
Hexachlorobenzene
Concen: 1.77 ng
RT: 16.519 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:284 Resp: 6801

Ion	Ratio	Lower	Upper
284	100		
142	34.9	25.5	38.3
249	36.2	26.6	39.8

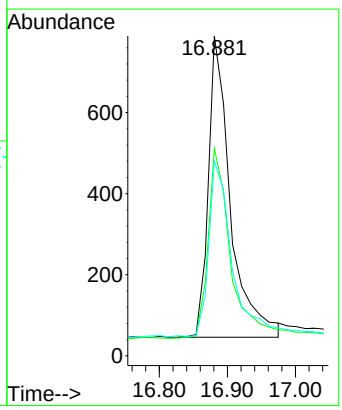




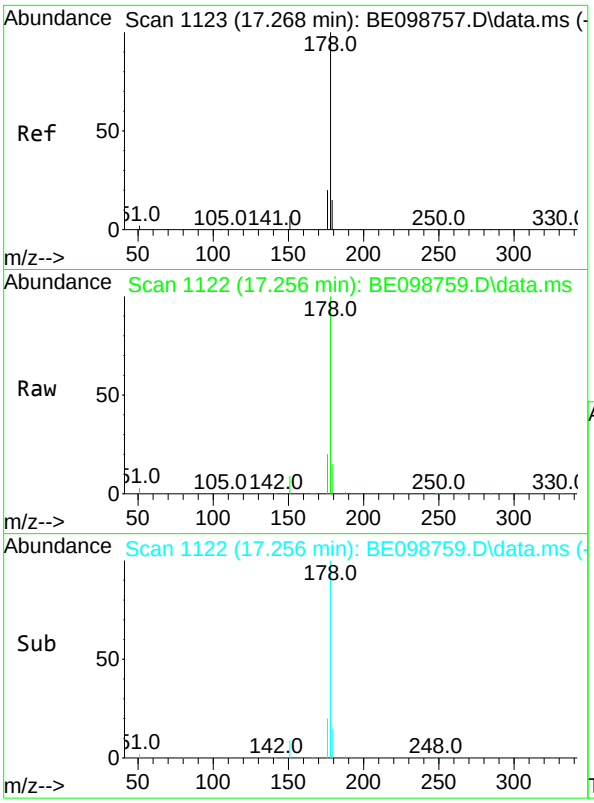
#22
Pentachlorophenol
Concen: 1.49 ng
RT: 16.881 min Scan# 1094
Delta R.T. -0.012 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:266 Resp: 1678

Ion	Ratio	Lower	Upper
266	100		
264	64.8	53.7	80.5
268	60.8	59.8	89.8



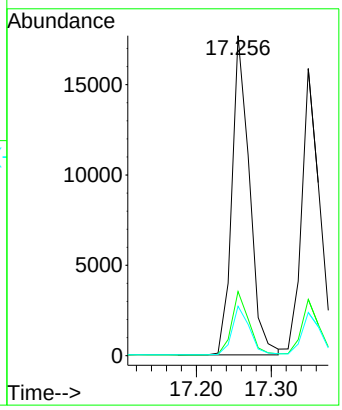
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

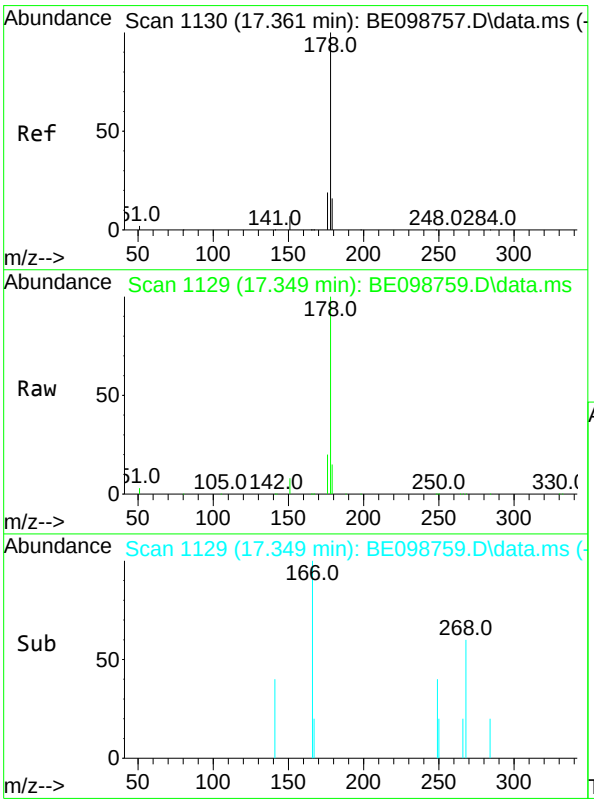


#23
Phenanthrene
Concen: 2.02 ng
RT: 17.256 min Scan# 1122
Delta R.T. -0.012 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:178 Resp: 28739

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.3	12.2	18.4

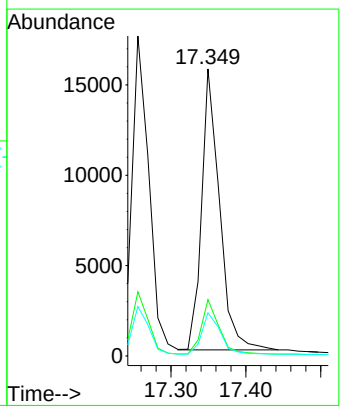




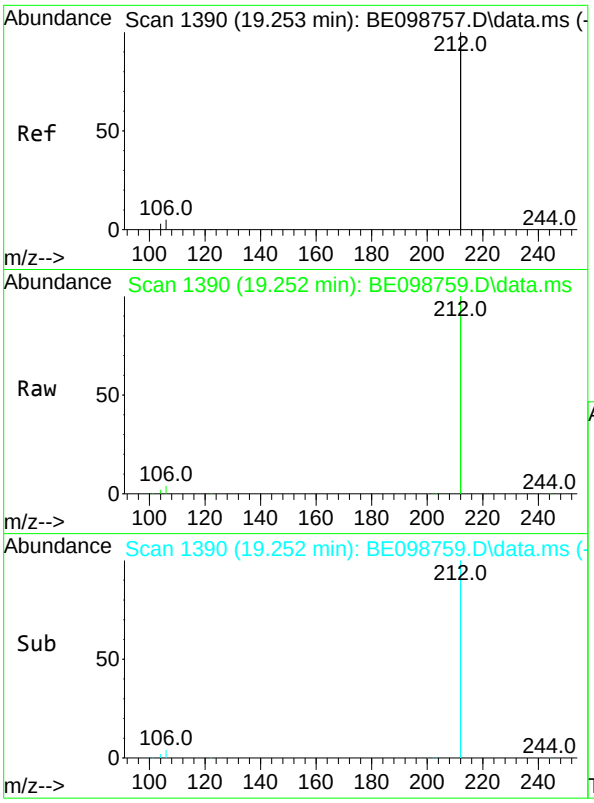
#24
Anthracene
Concen: 2.12 ng
RT: 17.349 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:178 Resp: 25862

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.2	11.8	17.8



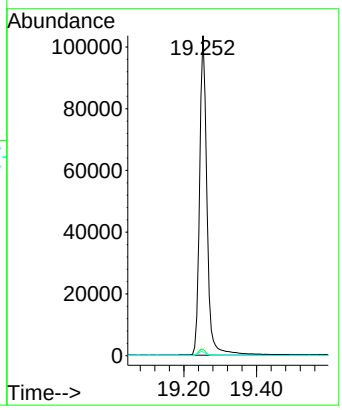
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

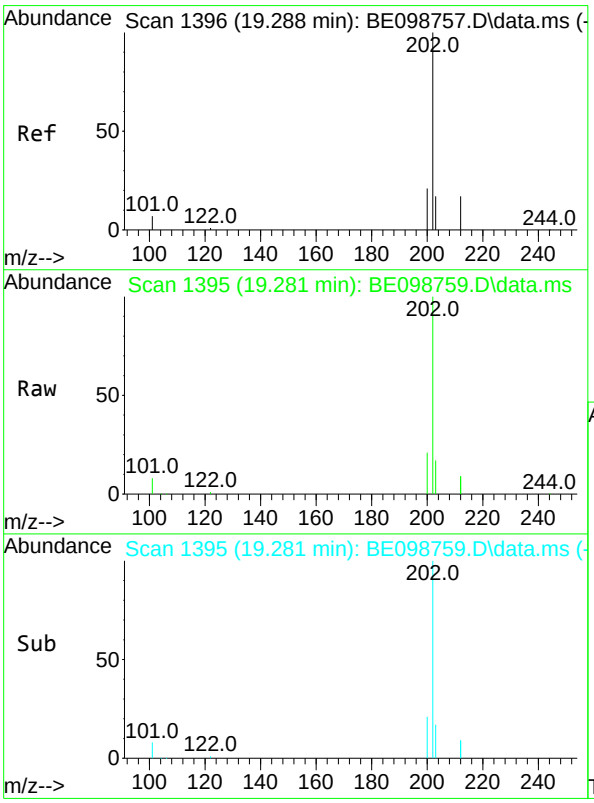


#25
Fluoranthene-d10
Concen: 1.97 ng
RT: 19.252 min Scan# 1390
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:212 Resp: 146893

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

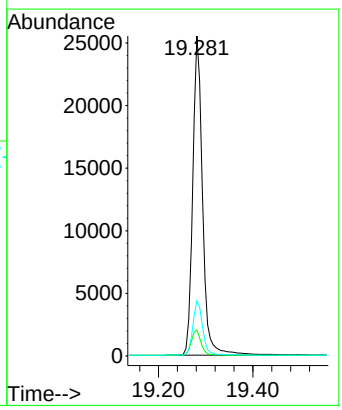


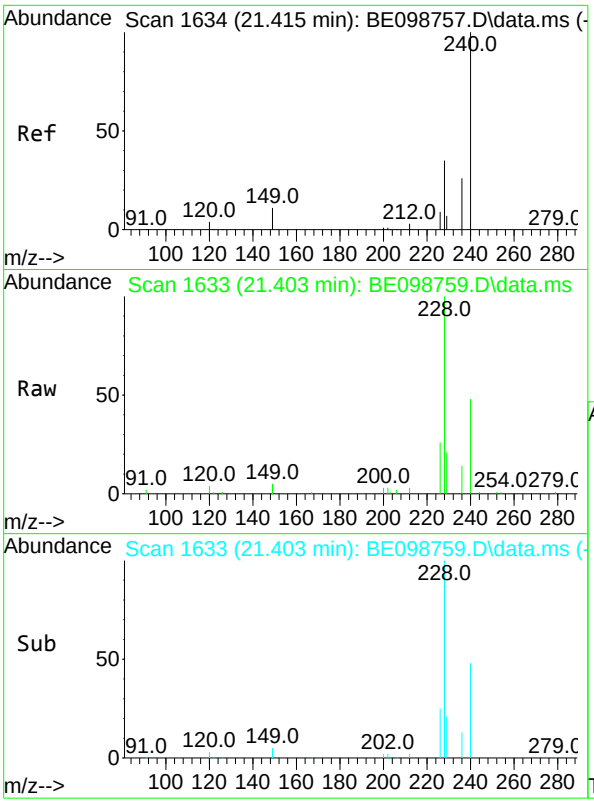


#26
Fluoranthene
Concen: 2.00 ng
RT: 19.281 min Scan# 1395
Delta R.T. -0.007 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:202 Resp: 36720

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.7	10.1
203	17.0	13.3	19.9

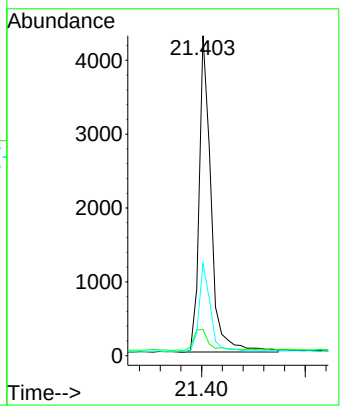




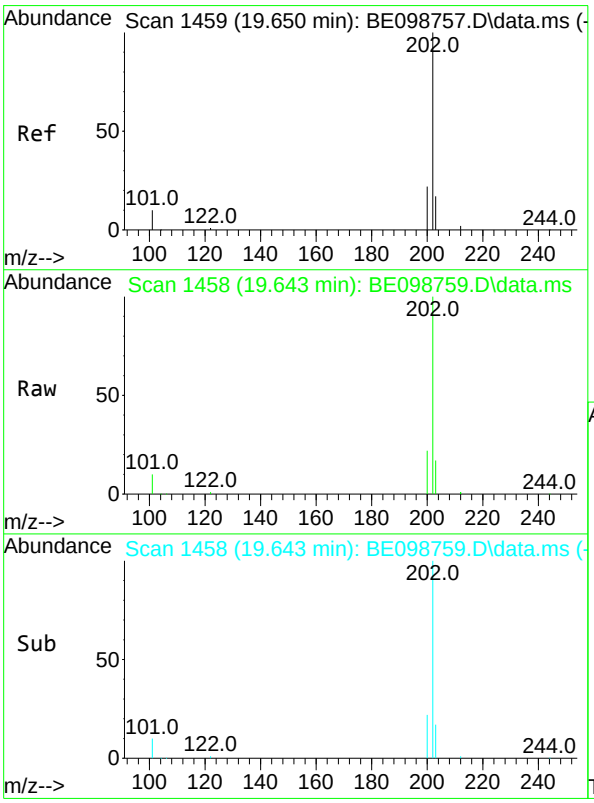
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.403 min Scan# 1633
Delta R.T. -0.013 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:240 Resp: 6831

Ion	Ratio	Lower	Upper
240	100		
120	8.1	4.7	7.1#
236	28.9	21.9	32.9



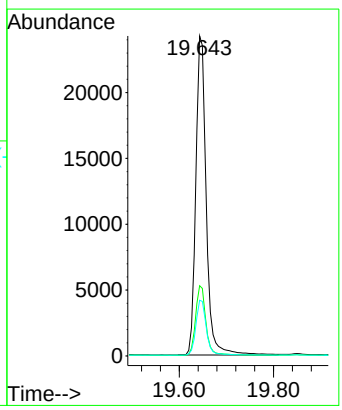
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6



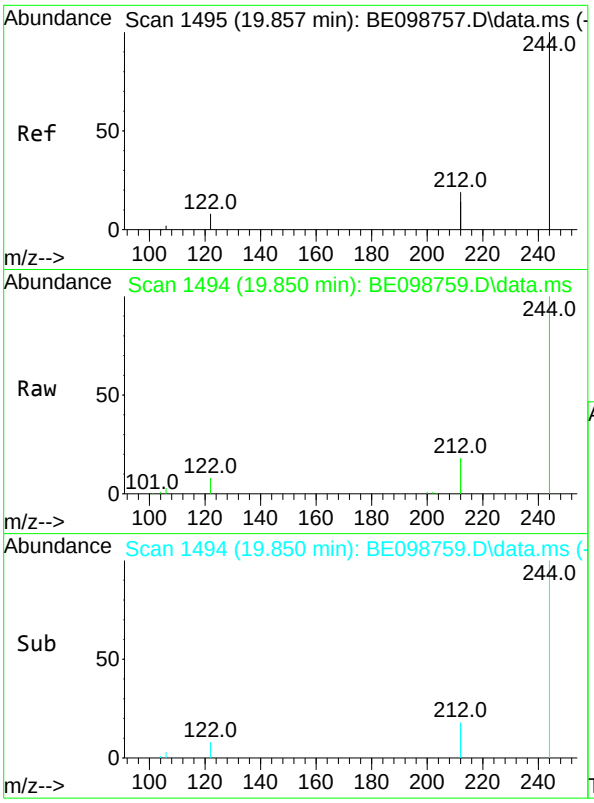
#28
Pyrene
Concen: 1.98 ng
RT: 19.643 min Scan# 1458
Delta R.T. -0.007 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:202 Resp: 37258

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	17.5	13.8	20.8



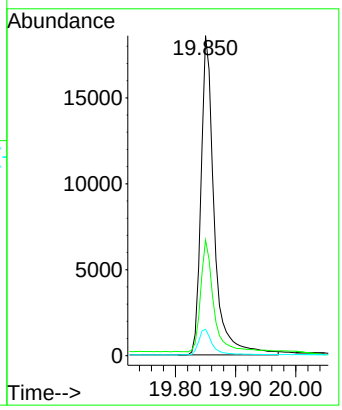
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

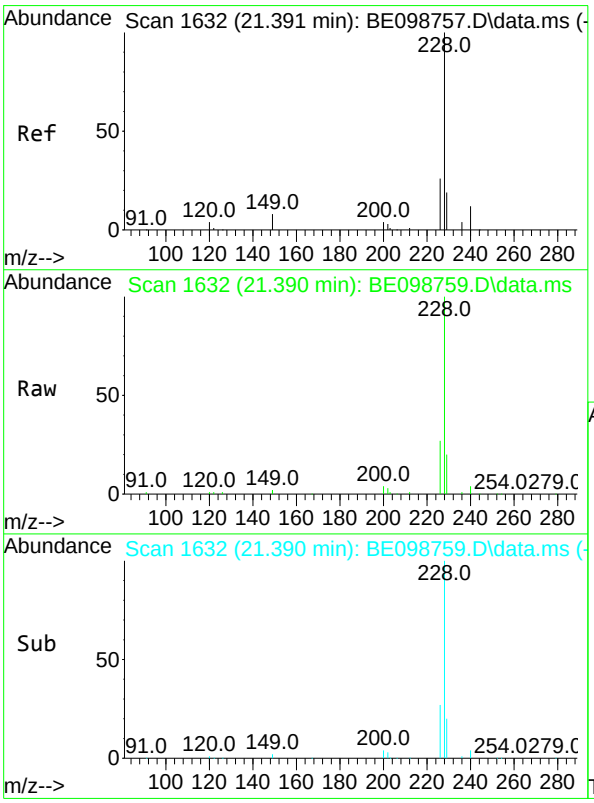


#29
Terphenyl-d14
Concen: 1.88 ng
RT: 19.850 min Scan# 1494
Delta R.T. -0.007 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:244 Resp: 28379

Ion	Ratio	Lower	Upper
244	100		
212	36.2	29.4	44.2
122	8.2	7.1	10.7

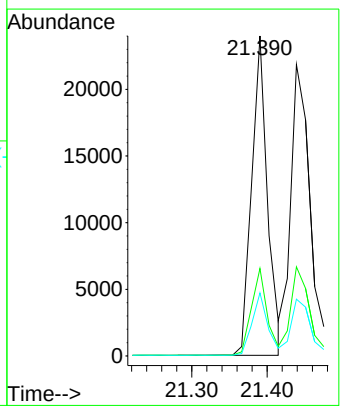




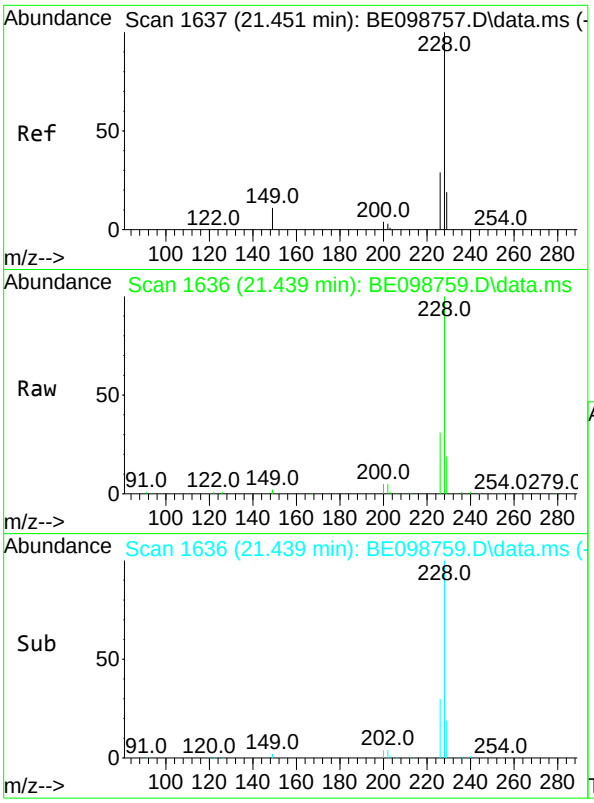
#30
Benzo(a)anthracene
Concen: 1.90 ng
RT: 21.390 min Scan# 1632
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:228 Resp: 34925

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	19.7	15.0	22.6



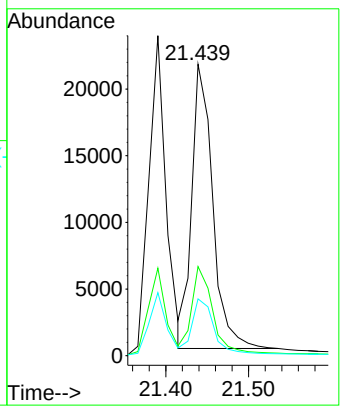
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

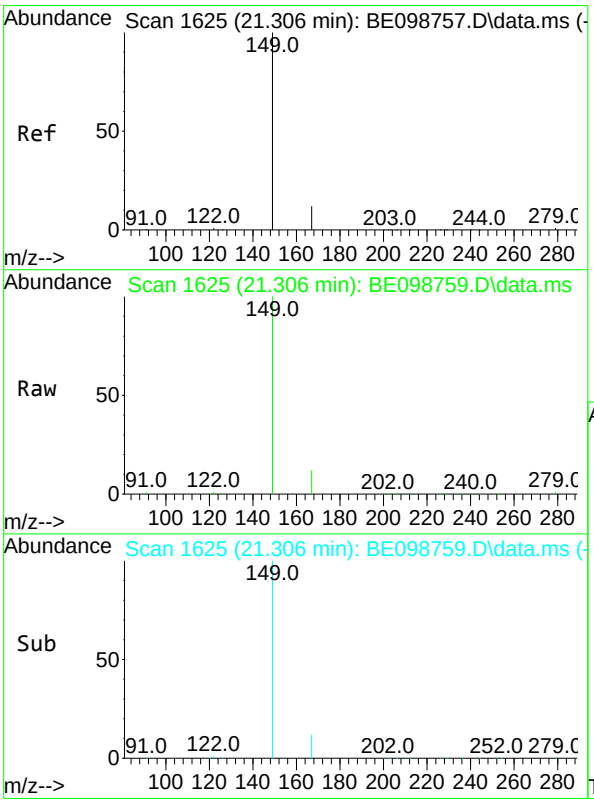


#31
Chrysene
Concen: 1.97 ng
RT: 21.439 min Scan# 1636
Delta R.T. -0.013 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:228 Resp: 37409

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	36.8
229	19.5	16.4	24.6

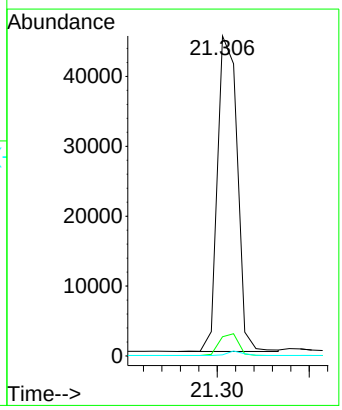




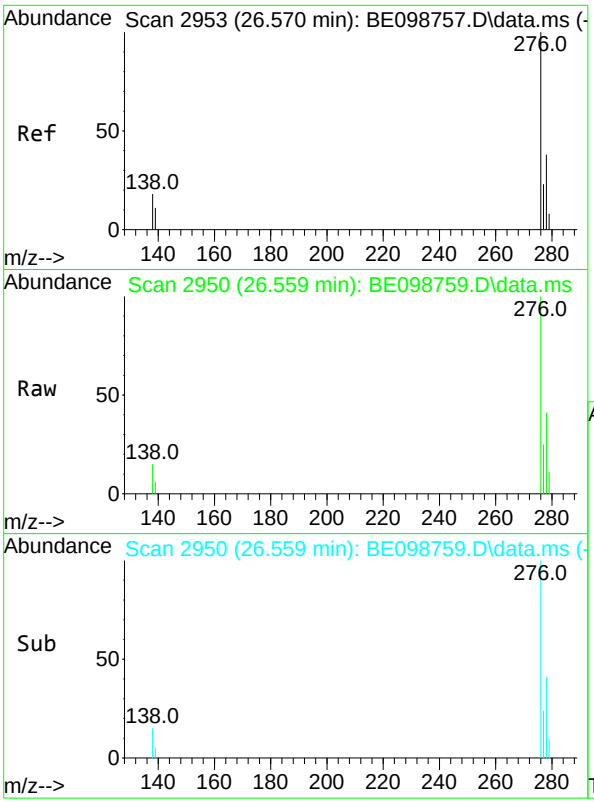
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.73 ng
RT: 21.306 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:149 Resp: 67335

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.2
279	1.2	1.0	1.4



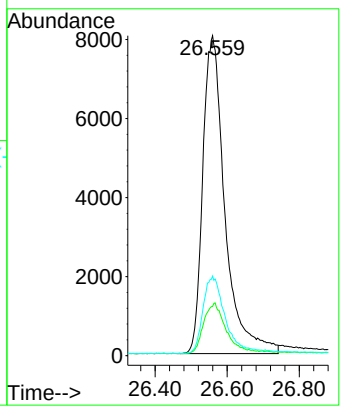
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

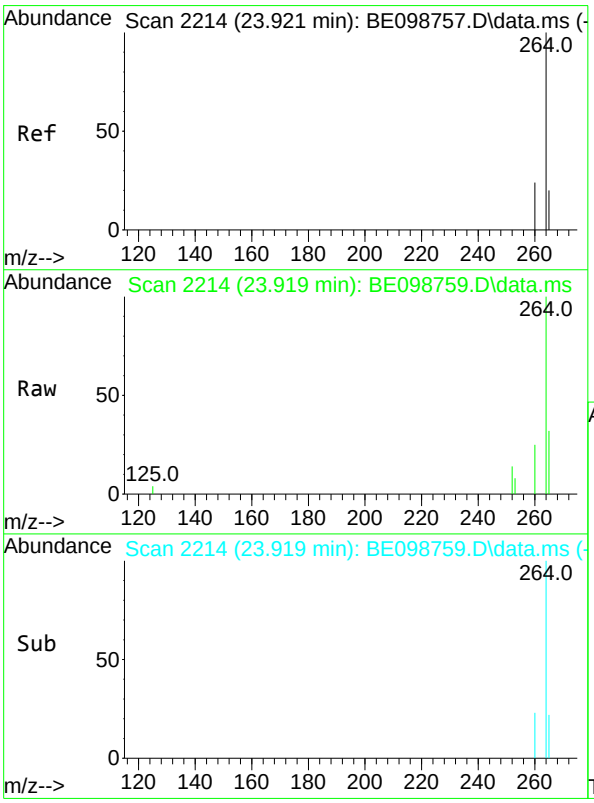


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.75 ng
RT: 26.559 min Scan# 2950
Delta R.T. -0.011 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:276 Resp: 34360

Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.3	19.9
277	24.4	19.4	29.0

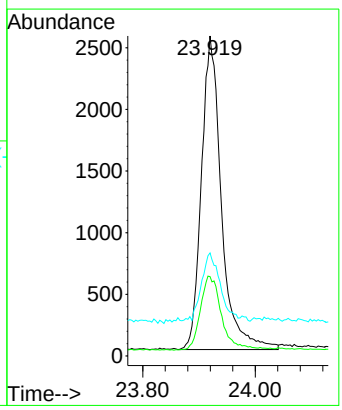




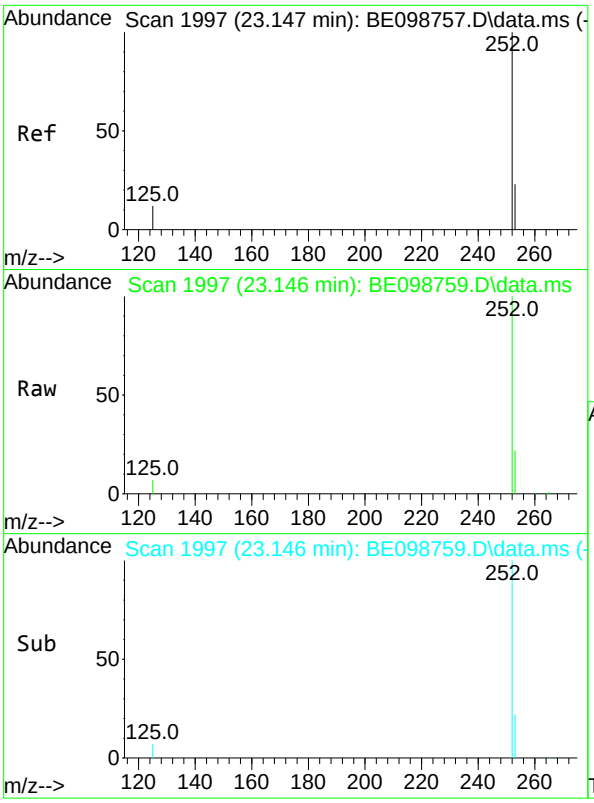
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.919 min Scan# 2214
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:264 Resp: 6282

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	32.2	22.3	33.5



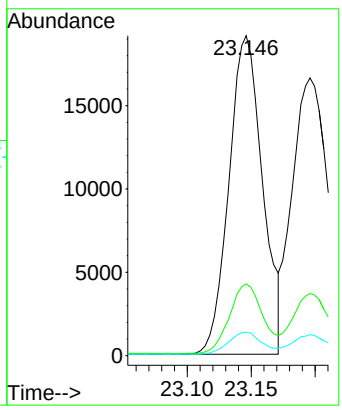
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

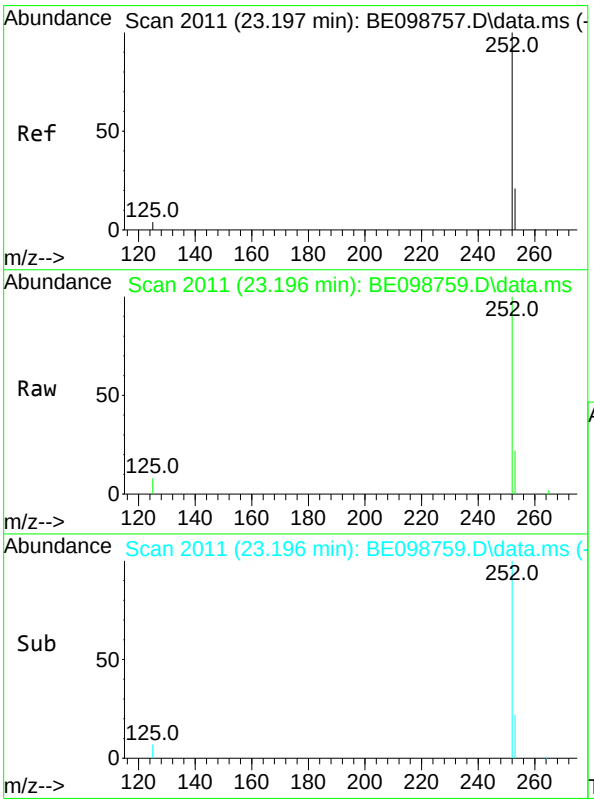


#35
Benzo(b)fluoranthene
Concen: 2.04 ng
RT: 23.146 min Scan# 1997
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:252 Resp: 34959

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.4	29.0
125	7.4	8.2	12.4#

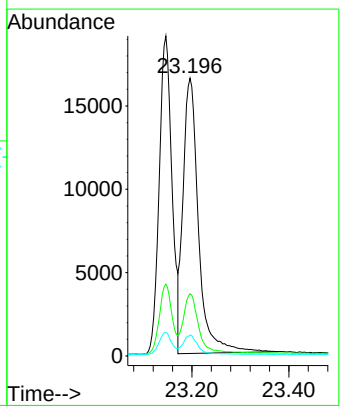




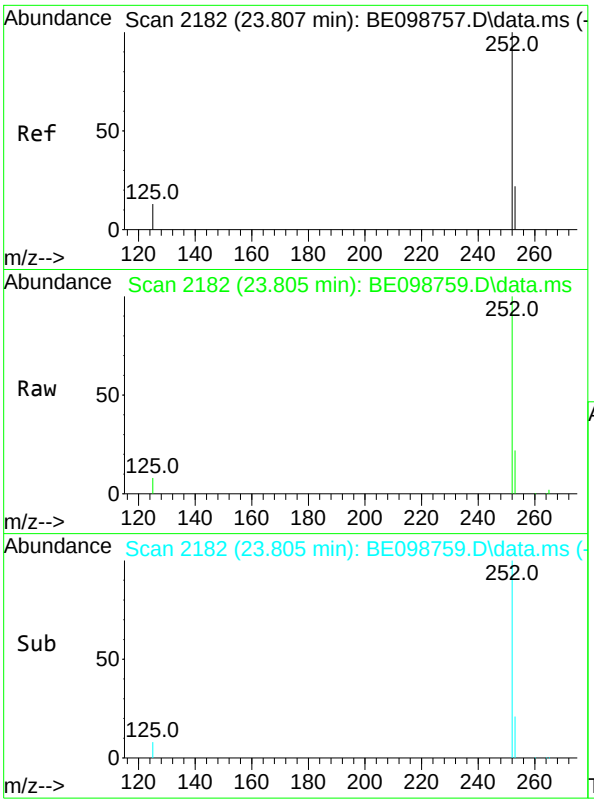
#36
Benzo(k)fluoranthene
Concen: 1.95 ng
RT: 23.196 min Scan# 2011
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:252 Resp: 36613

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.0	28.4
125	7.5	7.0	10.4



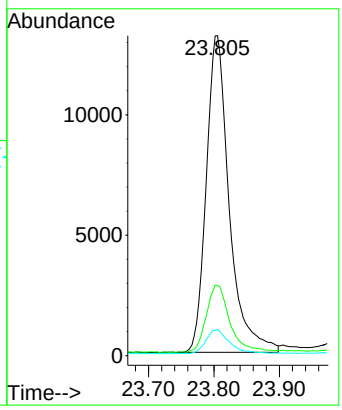
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

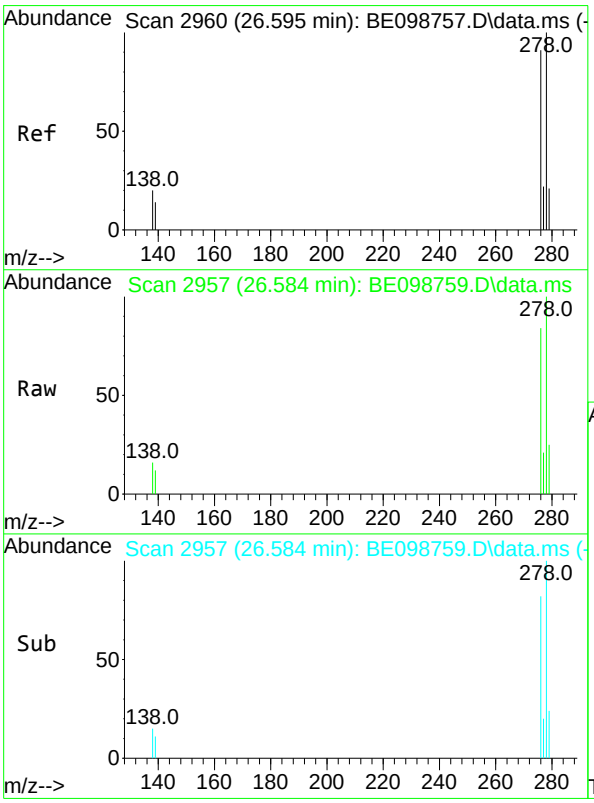


#37
Benzo(a)pyrene
Concen: 1.91 ng
RT: 23.805 min Scan# 2182
Delta R.T. -0.001 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:252 Resp: 32144

Ion	Ratio	Lower	Upper
252	100		
253	21.9	21.0	31.4
125	8.2	9.2	13.8#

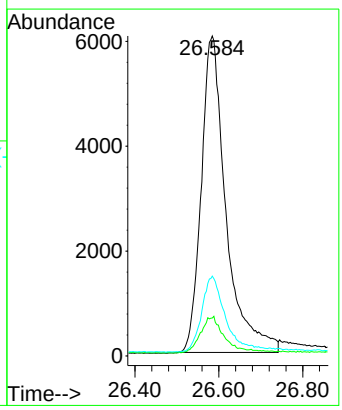


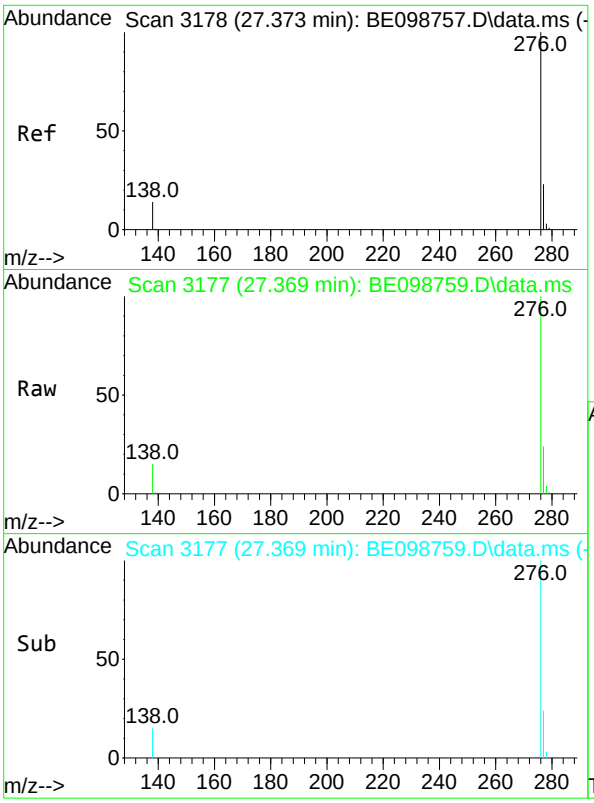


#38
Dibenzo(a,h)anthracene
Concen: 1.66 ng
RT: 26.584 min Scan# 2957
Delta R.T. -0.011 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:278 Resp: 24780

Ion	Ratio	Lower	Upper
278	100		
139	11.8	12.7	19.1#
279	25.0	22.0	33.0

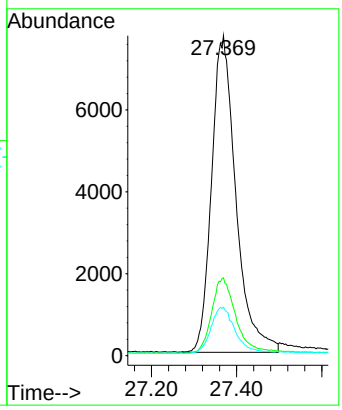




#39
Benzo(g,h,i)perylene
Concen: 1.88 ng
RT: 27.369 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BE098759.D
Acq: 26 Feb 2019 13:55

Tgt Ion:276 Resp: 30650

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.3	30.5
138	15.2	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6