Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\Be022119\
Data File : BE098753.D
Acq On : 21 Feb 2019 18:05
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Feb 21 22:12:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	1180	0.40	ng		0.00
7) Naphthalene-d8	10.601	136	6201	0.40	ng		0.00
13) Acenaphthene-d10	14.470	164	4233	0.40	ng		0.00
19) Phenanthrene-d10	17.215	188	10239	0.40	ng		#-0.01
27) Chrysene-d12	21.402	240	11431	0.40	ng		#-0.01
34) Perylene-d12	23.919	264	11101	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.397	112	1405	0.40	ng		0.00
5) Phenol-d6	6.998	99	2173	0.42	ng		0.00
8) Nitrobenzene-d5	8.964	82	2447	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.208	152	4746	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.970	330	822	0.44	ng		-0.01
15) 2-Fluorobiphenyl	13.087	172	7227	0.40	ng		-0.02
25) Fluoranthene-d10	19.260	212	56987	0.39	ng		0.00
29) Terphenyl-d14	19.851	244	11324	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.313	88	827	0.37	ng		91
3) n-Nitrosodimethylamine	3.647	42	1296	0.46	ng	#	96
6) bis(2-Chloroethyl)ether	7.229	93	1637	0.47	ng		94
9) Naphthalene	10.653	128	27960	0.39	ng		100
10) Hexachlorobutadiene	10.926	225	1797	0.38	ng		96
12) 2-Methylnaphthalene	12.280	142	4754	0.40	ng		94
16) Acenaphthylene	14.197	152	8618	0.40	ng		99
17) Acenaphthene	14.528	154	5086	0.40	ng		99
18) Fluorene	15.515	166	7029	0.40	ng		99
20) 4-Bromophenyl-phenylether	16.412	248	2359	0.39	ng		94
21) Hexachlorobenzene	16.532	284	2604	0.37	ng		94
22) Pentachlorophenol	16.894	266	576	0.32	ng		94
23) Phenanthrene	17.268	178	11209	0.40	ng		99
24) Anthracene	17.362	178	9394	0.40	ng		99
26) Fluoranthene	19.288	202	14387	0.40	ng		99
28) Pyrene	19.650	202	14582	0.40	ng		100
30) Benzo(a)anthracene	21.389	228	14620	0.42	ng		98
31) Chrysene	21.450	228	14405	0.39	ng		98
32) Bis(2-ethylhexyl)phtha...	21.317	149	36534	0.57	ng		100
33) Indeno(1,2,3-cd)pyrene	26.563	276	15036	0.38	ng		98
35) Benzo(b)fluoranthene	23.199	252	14651	0.41	ng		98
36) Benzo(k)fluoranthene	23.199	252	14758	0.38	ng		99
37) Benzo(a)pyrene	23.805	252	13306	0.39	ng		96
38) Dibenzo(a,h)anthracene	26.588	278	11834	0.37	ng	#	94
39) Benzo(g,h,i)perylene	27.373	276	12921	0.37	ng		99

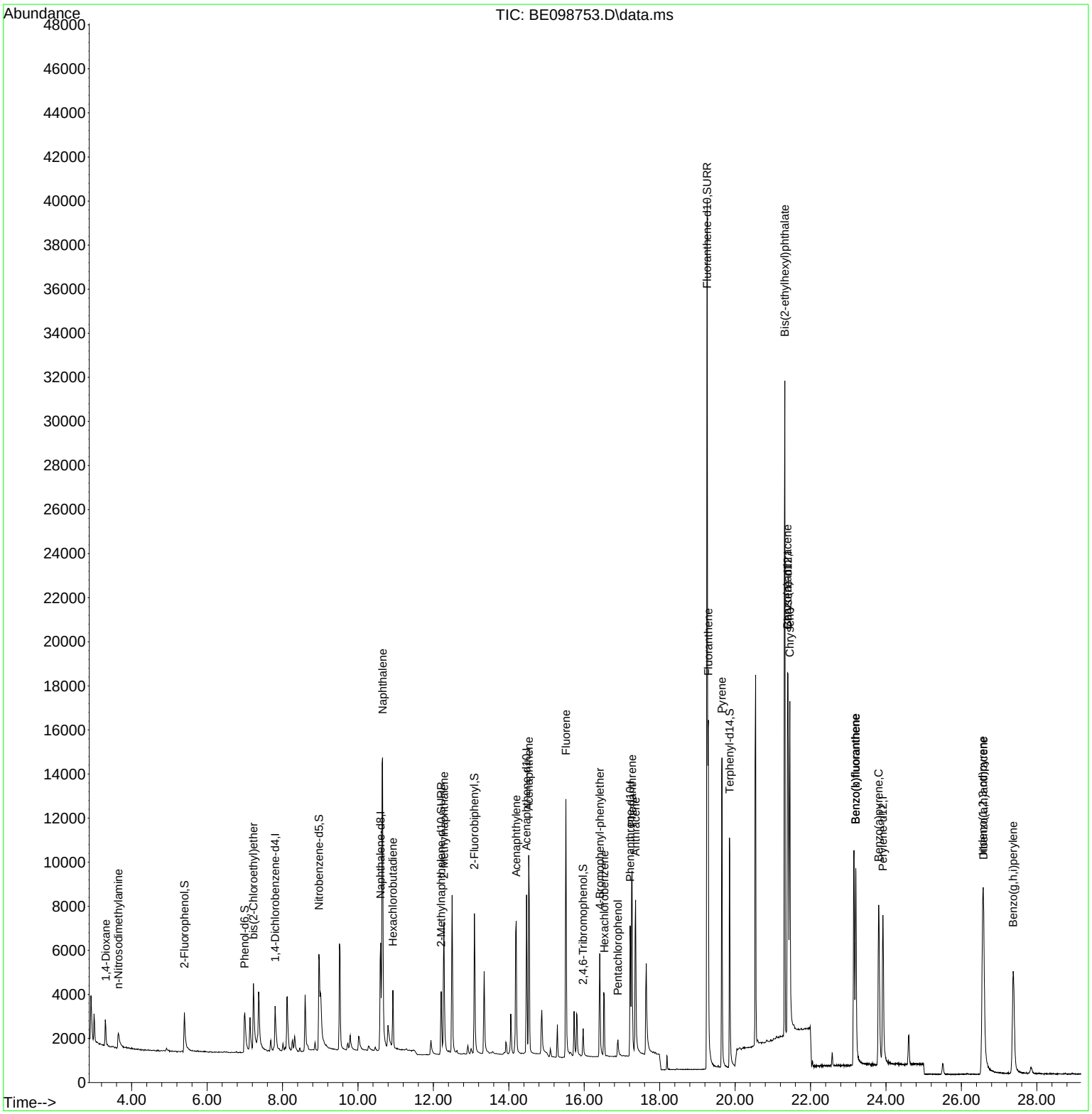
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

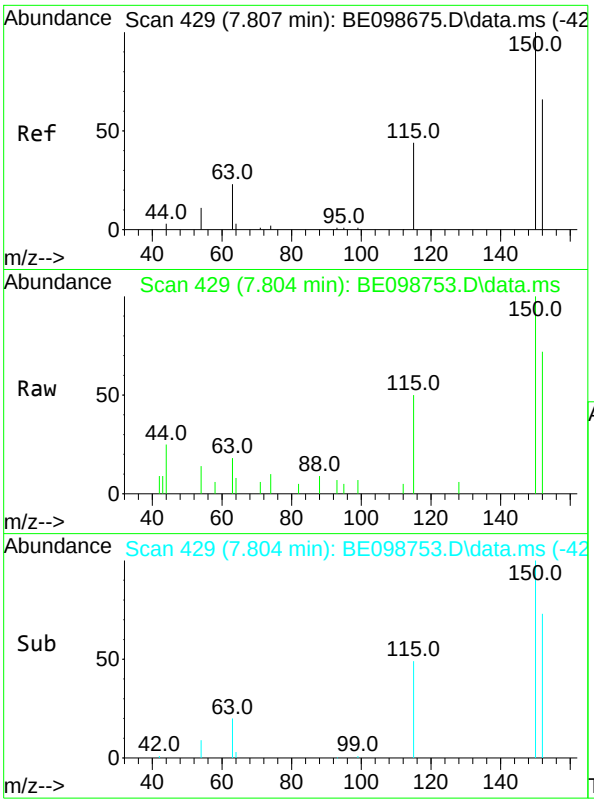
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\Be022119\
Data File : BE098753.D
Acq On : 21 Feb 2019 18:05
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 21 22:12:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration



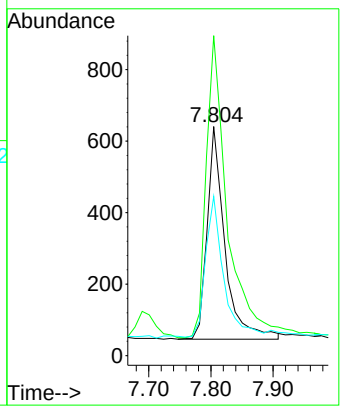
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

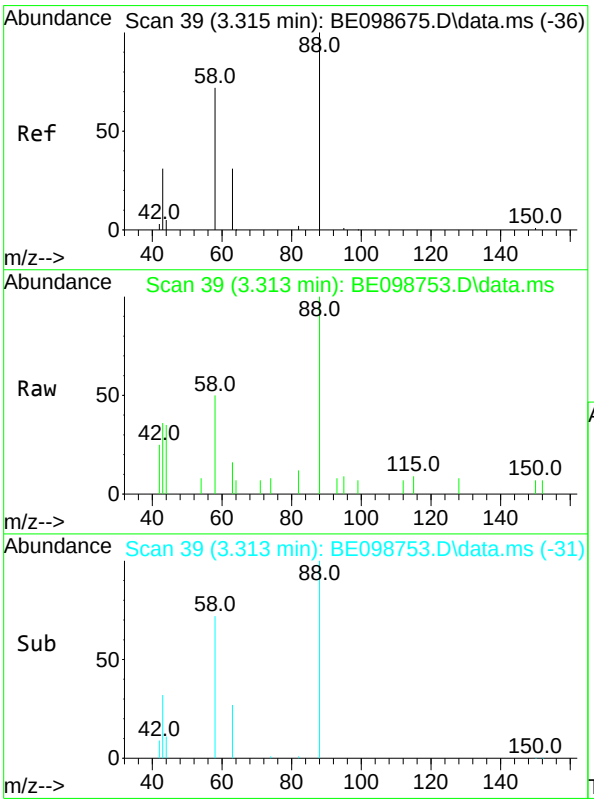


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.804 min Scan# 429
Delta R.T. -0.003 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:152 Resp: 1180

Ion	Ratio	Lower	Upper
152	100		
150	139.6	121.4	182.2
115	69.4	59.1	88.7

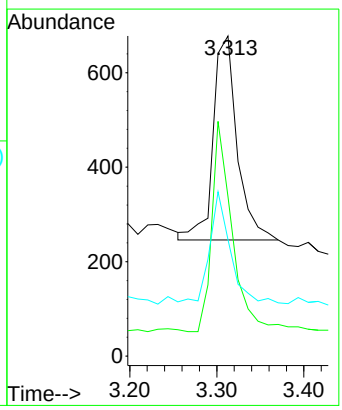




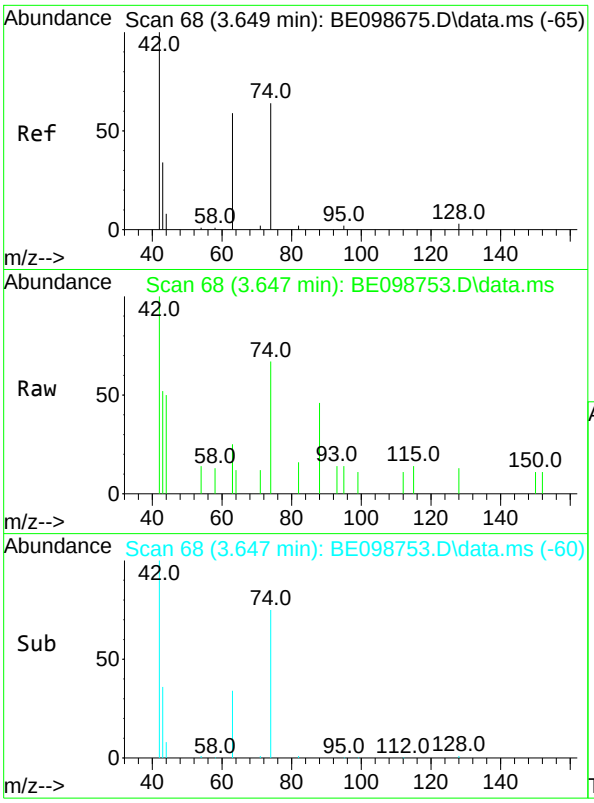
#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.313 min Scan# 39
Delta R.T. -0.002 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion: 88 Resp: 827

Ion	Ratio	Lower	Upper
88	100		
58	85.6	73.9	110.9
43	46.4	43.7	65.5



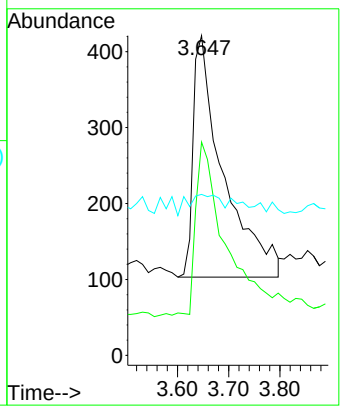
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

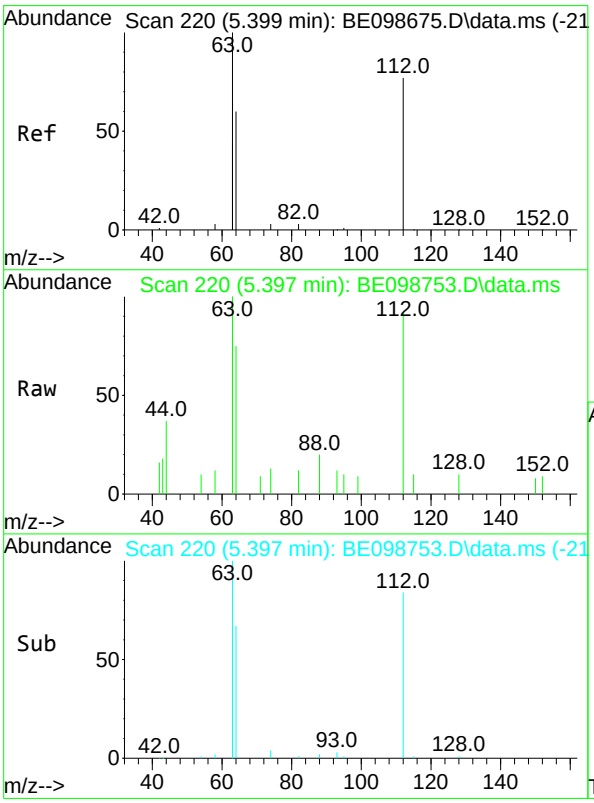


#3
n-Nitrosodimethylamine
Concen: 0.46 ng
RT: 3.647 min Scan# 68
Delta R.T. -0.002 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion: 42 Resp: 1296

Ion	Ratio	Lower	Upper
42	100		
74	70.1	58.9	88.3
44	9.4	0.0	0.0#

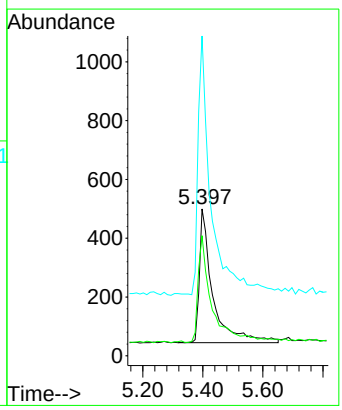




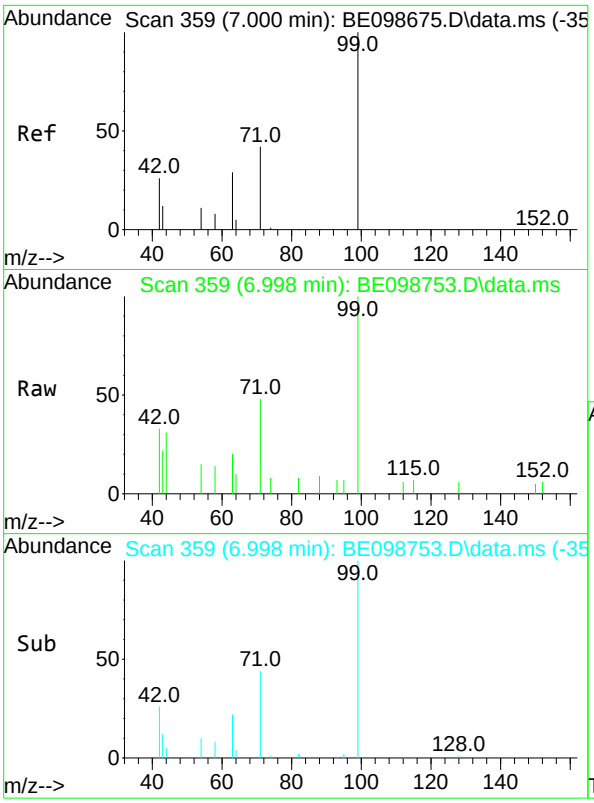
#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.397 min Scan# 220
Delta R.T. -0.002 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:112 Resp: 1405

Ion	Ratio	Lower	Upper
112	100		
64	83.1	62.9	94.3
63	178.4	152.2	228.4



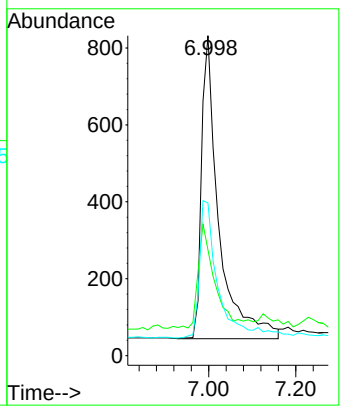
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

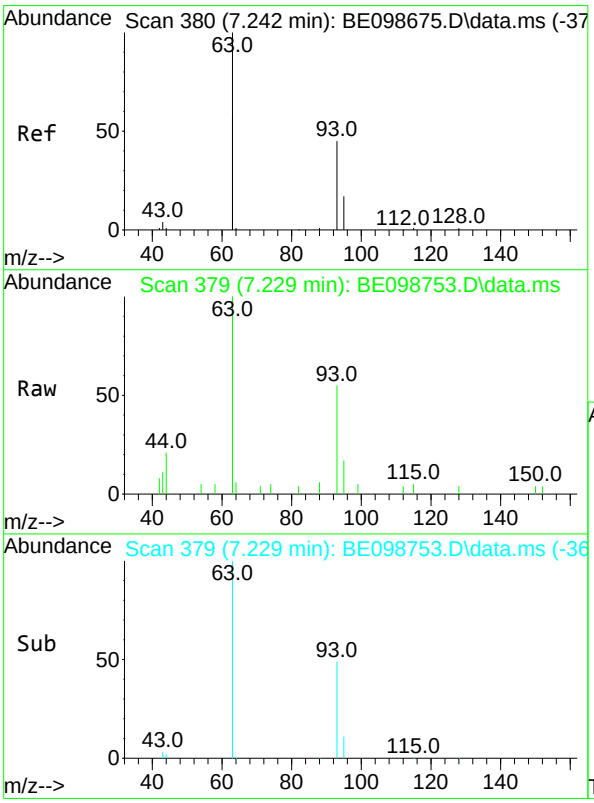


#5
Phenol-d6
Concen: 0.42 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.002 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion: 99 Resp: 2173

Ion	Ratio	Lower	Upper
99	100		
42	33.0	24.6	37.0
71	46.1	35.1	52.7

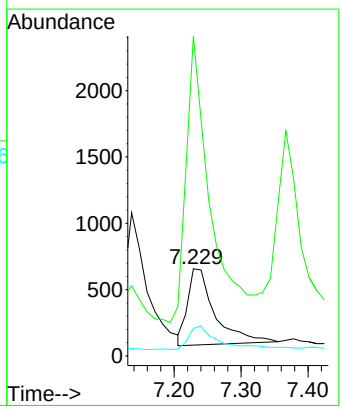




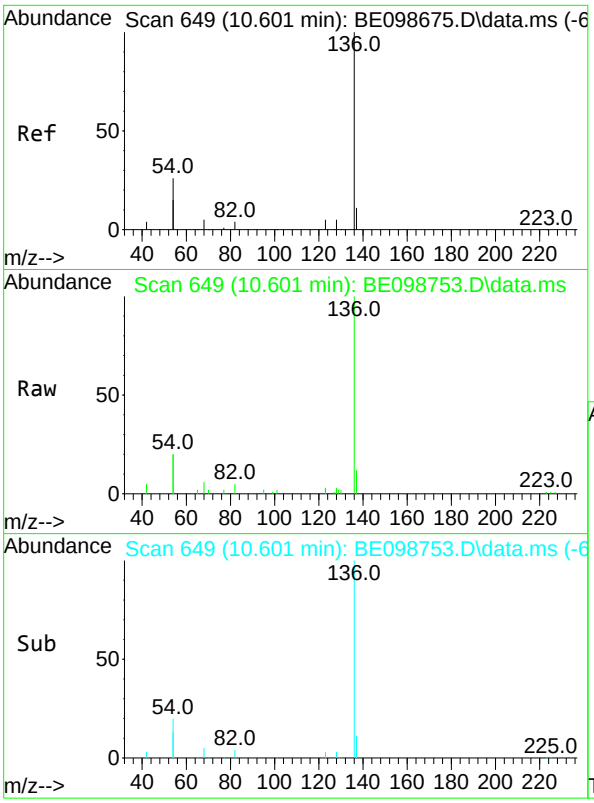
#6
bis(2-Chloroethyl)ether
Concen: 0.47 ng
RT: 7.229 min Scan# 379
Delta R.T. -0.013 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion: 93 Resp: 1637

Ion	Ratio	Lower	Upper
93	100		
63	321.3	267.3	400.9
95	35.6	26.2	39.4



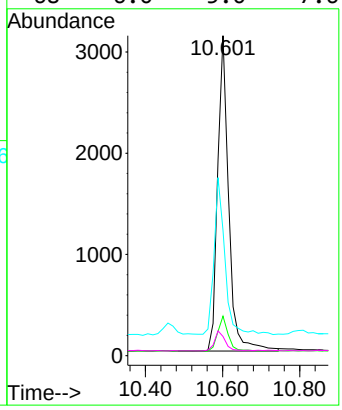
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

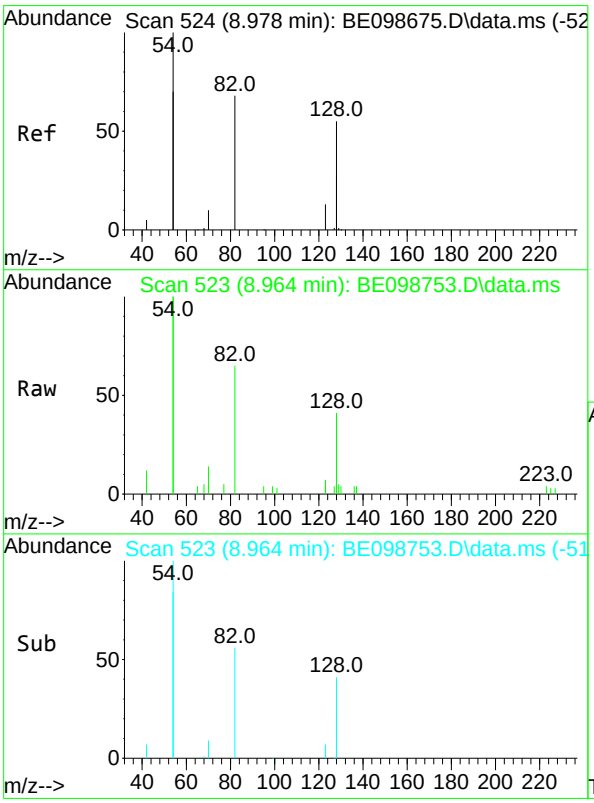


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. 0.000 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:136 Resp: 6201

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	39.2	35.5	53.3
68	6.0	5.0	7.6

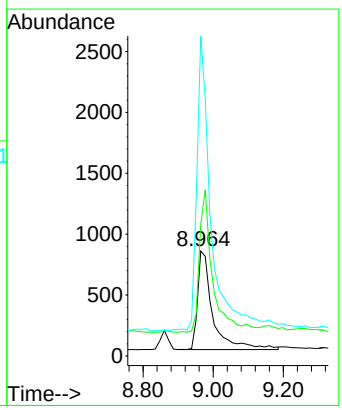




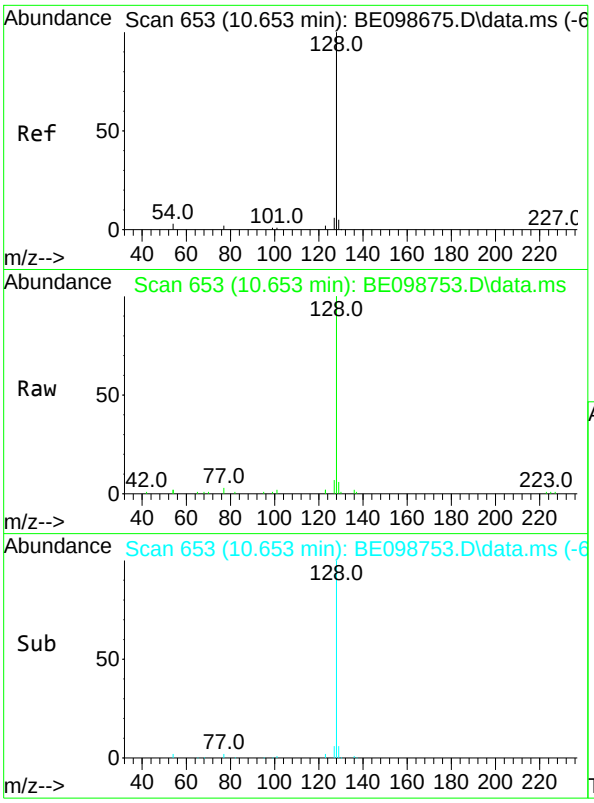
#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.964 min Scan# 523
Delta R.T. -0.014 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion: 82 Resp: 2447

Ion	Ratio	Lower	Upper
82	100		
128	125.8	96.5	144.7
54	305.6	224.7	337.1



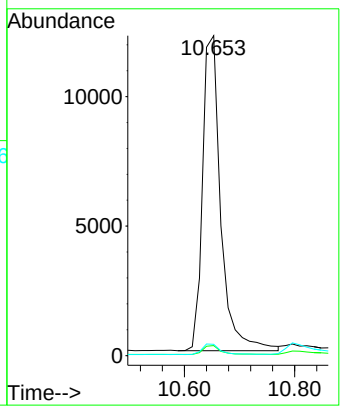
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

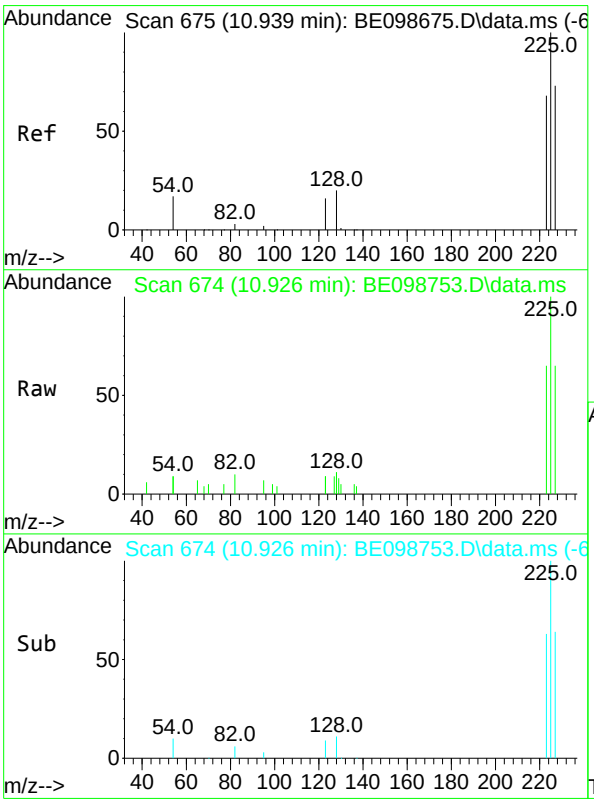


#9
Naphthalene
Concen: 0.39 ng
RT: 10.653 min Scan# 653
Delta R.T. 0.000 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:128 Resp: 27960

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.5	3.0	4.6

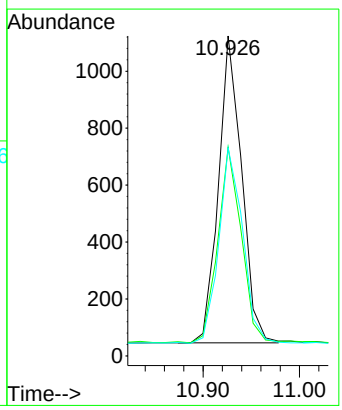


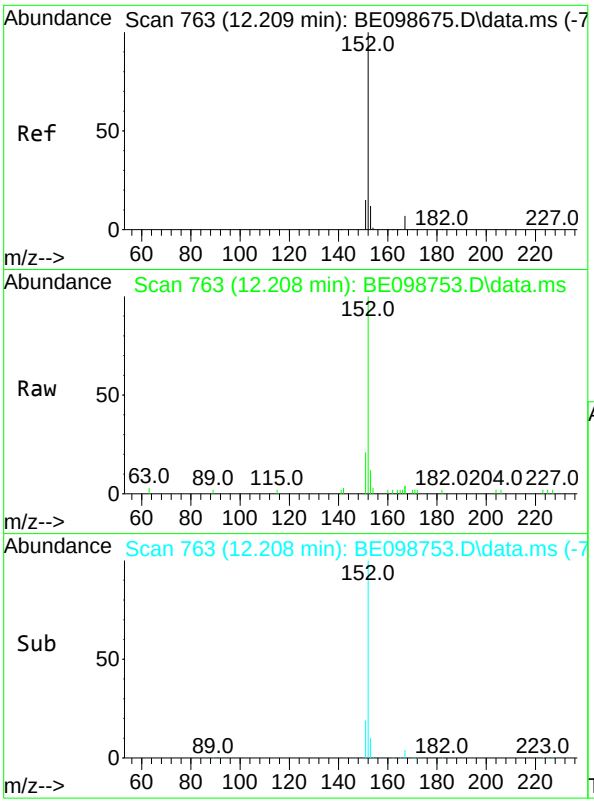


#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.926 min Scan# 674
Delta R.T. -0.013 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:225 Resp: 1797

Ion	Ratio	Lower	Upper
225	100		
223	64.2	47.8	71.8
227	65.6	50.5	75.7

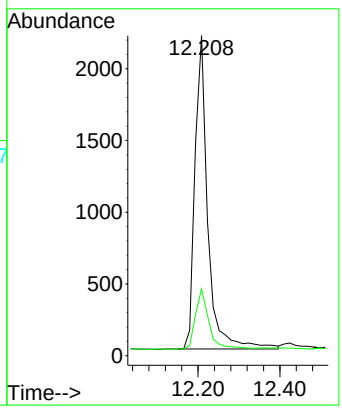




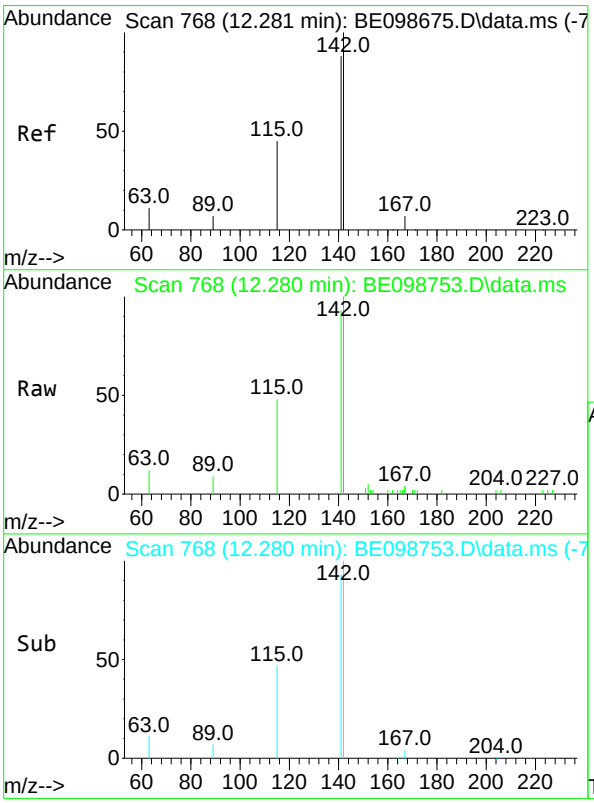
#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.208 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:152 Resp: 4746

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



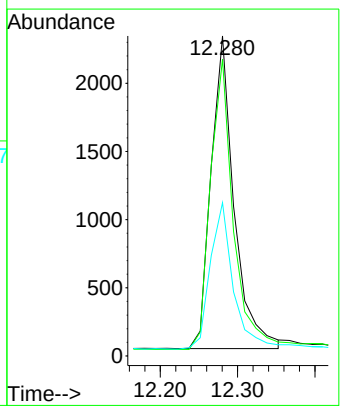
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC



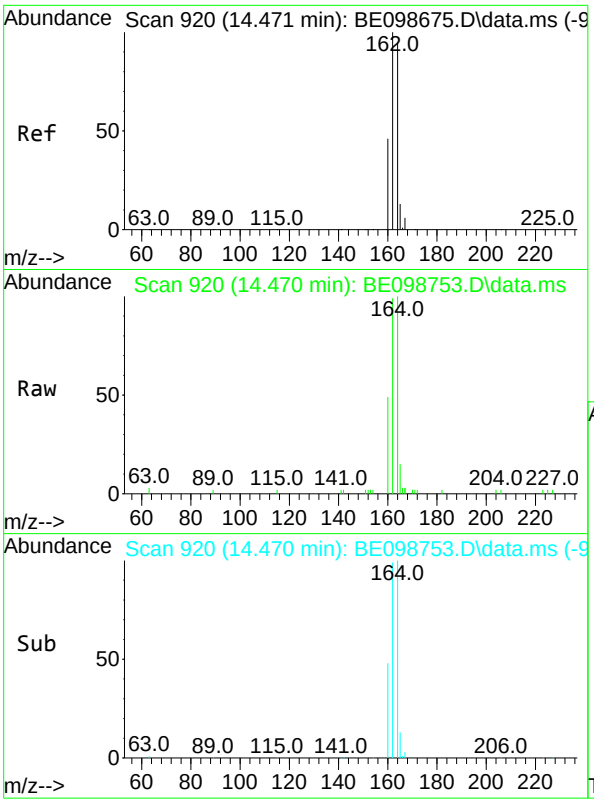
#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.280 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:142 Resp: 4754

Ion	Ratio	Lower	Upper
142	100		
141	92.8	70.0	105.0
115	47.9	35.2	52.8



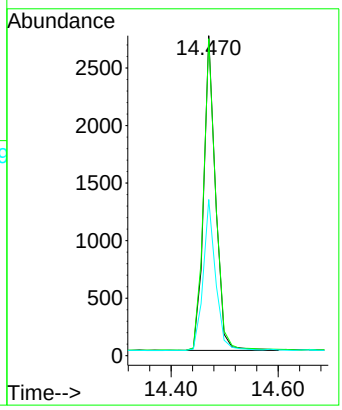
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

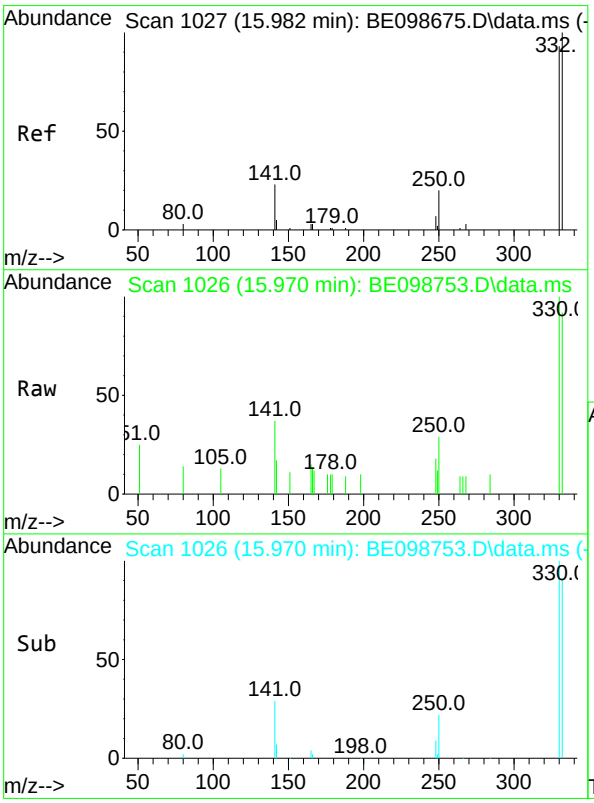


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.470 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:164 Resp: 4233

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.5	120.7
160	48.8	40.1	60.1

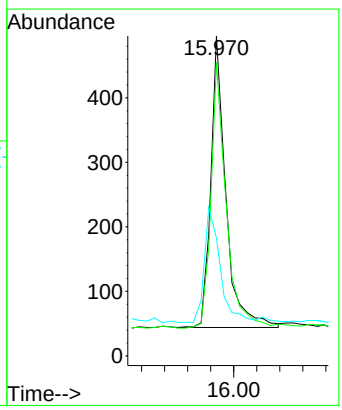




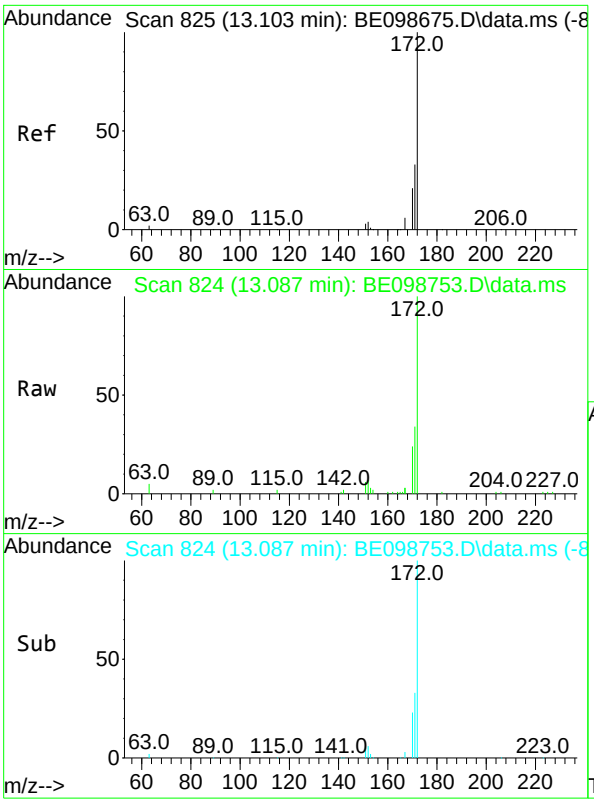
#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.970 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:330 Resp: 822

Ion	Ratio	Lower	Upper
330	100		
332	93.6	73.3	109.9
141	43.2	33.1	49.7



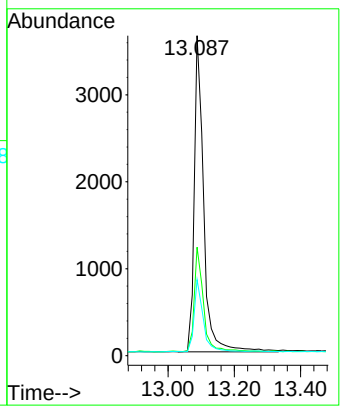
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

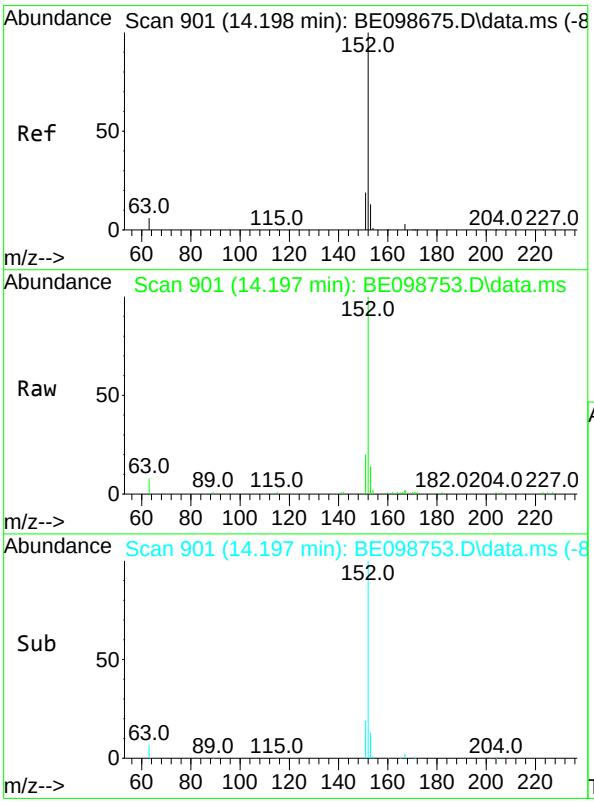


#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.087 min Scan# 824
Delta R.T. -0.016 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:172 Resp: 7227

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.0	43.4
170	23.8	20.8	31.2

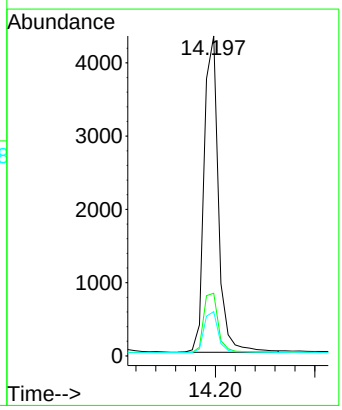




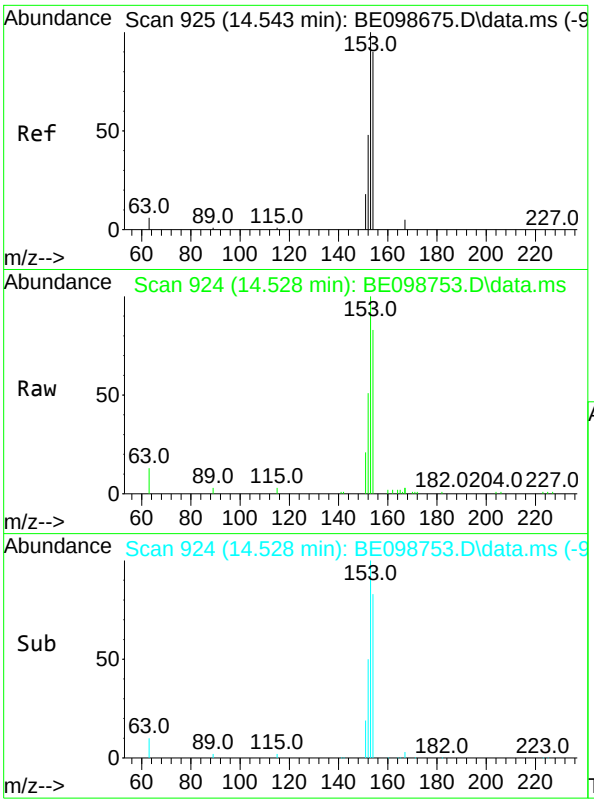
#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.197 min Scan# 901
Delta R.T. -0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:152 Resp: 8618

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.3	10.7	16.1



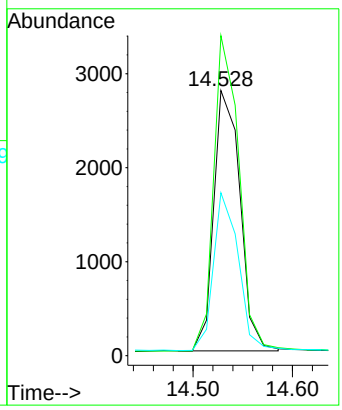
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

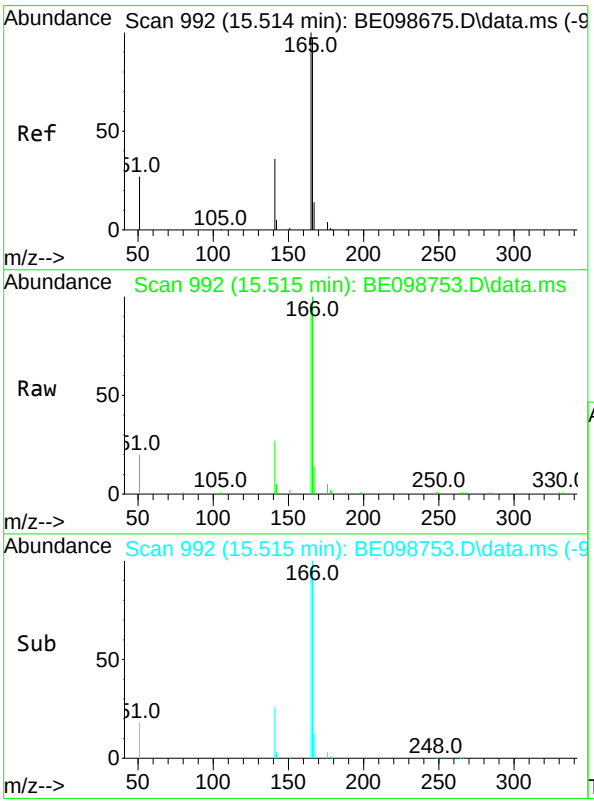


#17
Acenaphthene
Concen: 0.40 ng
RT: 14.528 min Scan# 924
Delta R.T. -0.015 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:154 Resp: 5086

Ion	Ratio	Lower	Upper
154	100		
153	116.7	93.9	140.9
152	57.6	45.8	68.8

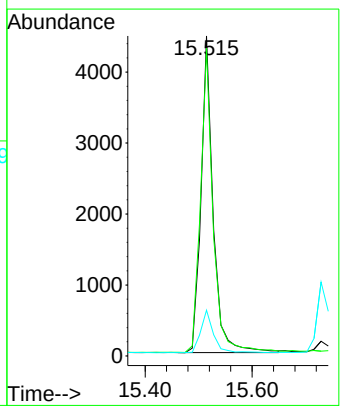




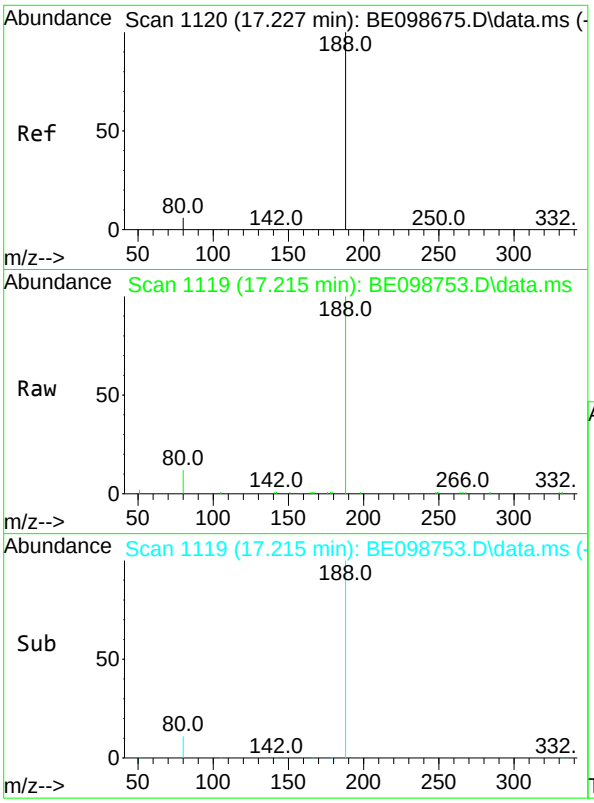
#18
Fluorene
Concen: 0.40 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:166 Resp: 7029

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.3	118.9
167	14.3	10.6	15.8



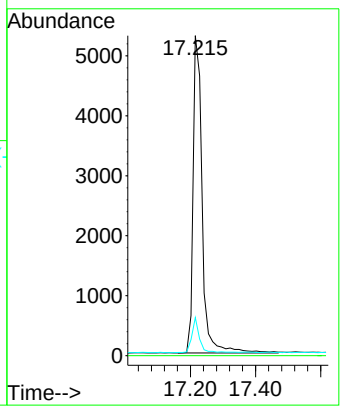
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

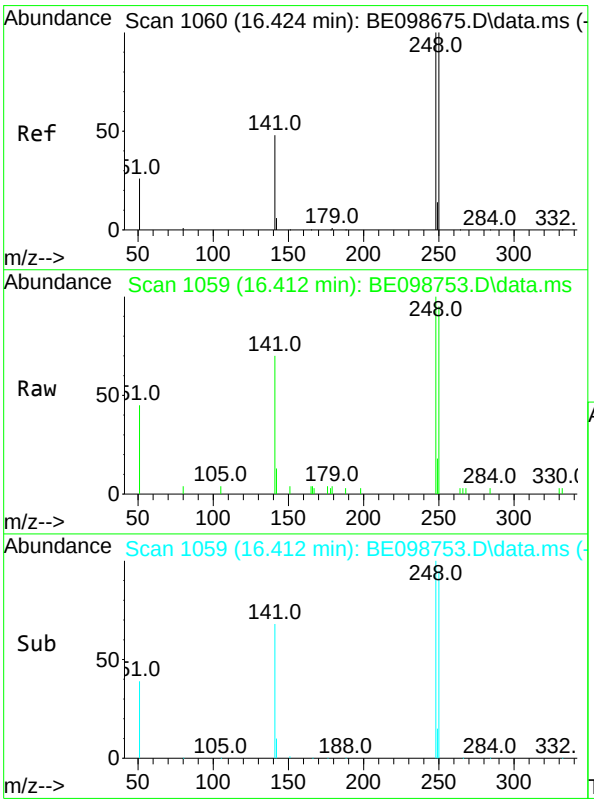


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.215 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:188 Resp: 10239

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	4.7	7.1#

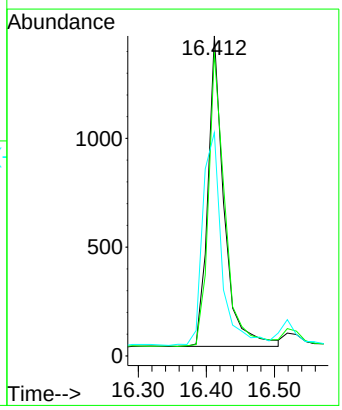




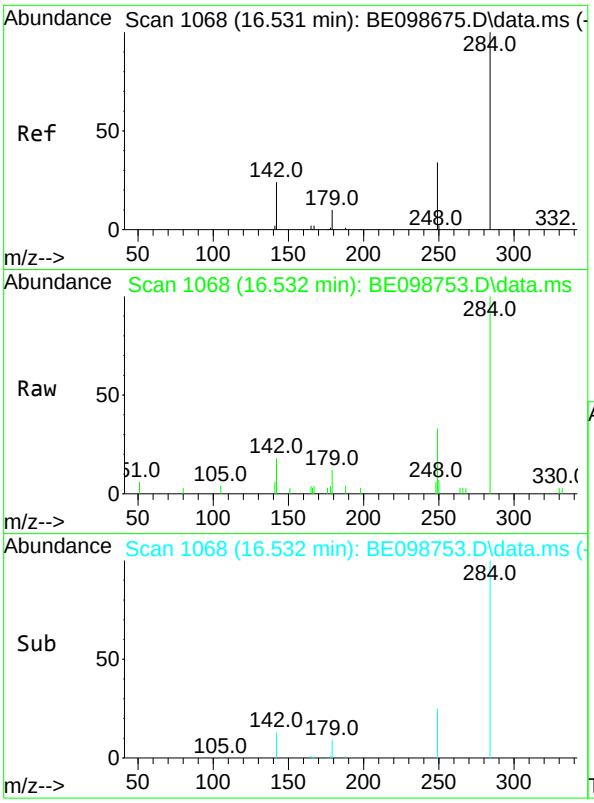
#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.412 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:248 Resp: 2359

Ion	Ratio	Lower	Upper
248	100		
250	94.8	80.2	120.4
141	69.8	60.5	90.7



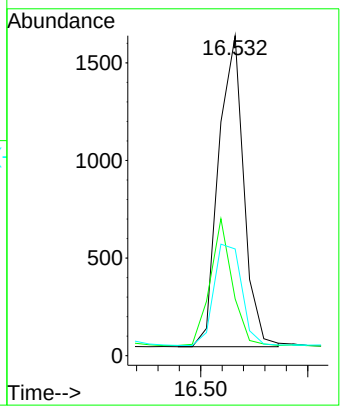
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

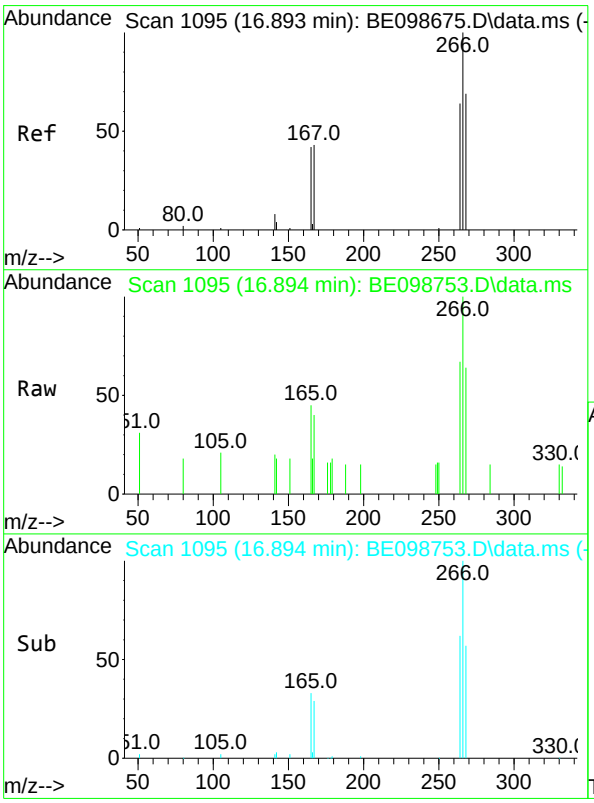


#21
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.532 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:284 Resp: 2604

Ion	Ratio	Lower	Upper
284	100		
142	35.7	25.5	38.3
249	35.8	26.6	39.8

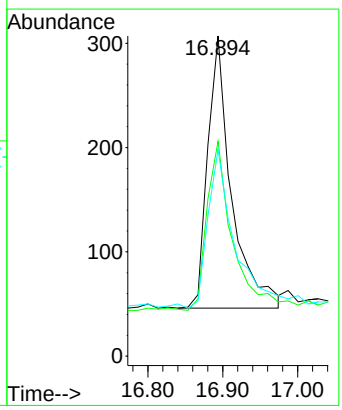




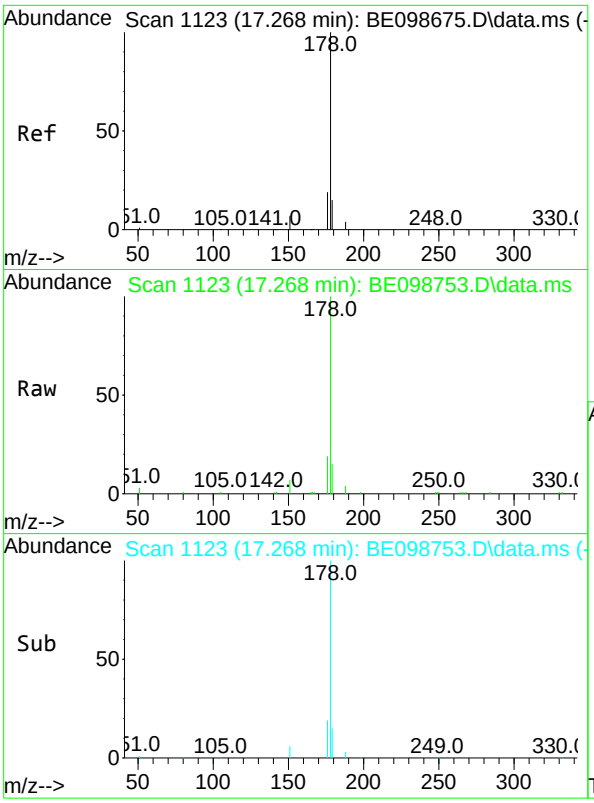
#22
Pentachlorophenol
Concen: 0.32 ng
RT: 16.894 min Scan# 1095
Delta R.T. 0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:266 Resp: 576

Ion	Ratio	Lower	Upper
266	100		
264	67.1	53.7	80.5
268	64.5	59.8	89.8



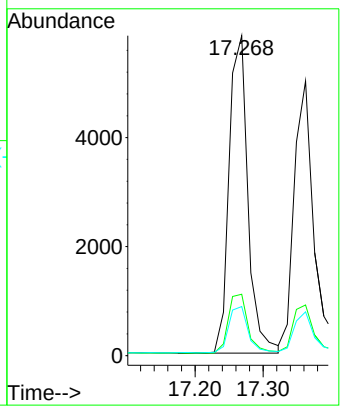
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

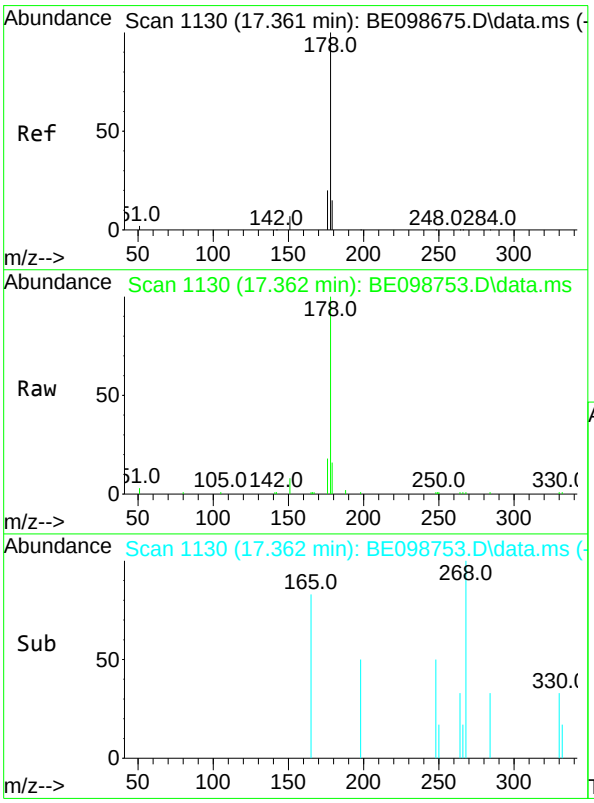


#23
Phenanthrene
Concen: 0.40 ng
RT: 17.268 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:178 Resp: 11209

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.1	12.2	18.4

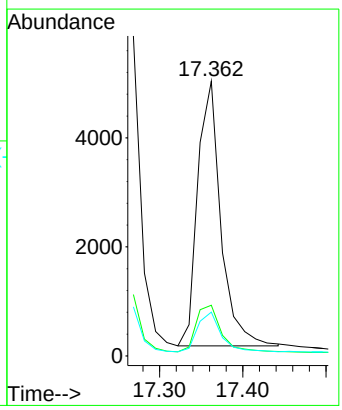




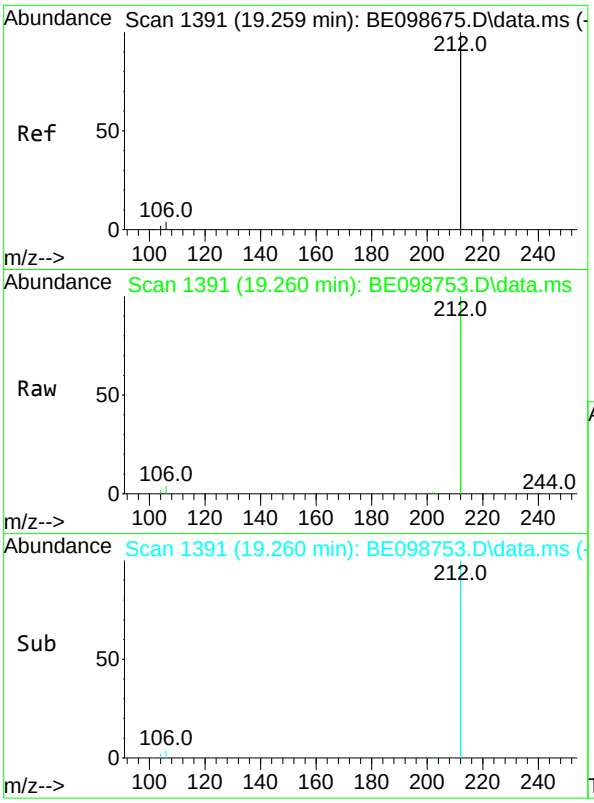
#24
Anthracene
Concen: 0.40 ng
RT: 17.362 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:178 Resp: 9394

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.3	11.8	17.8



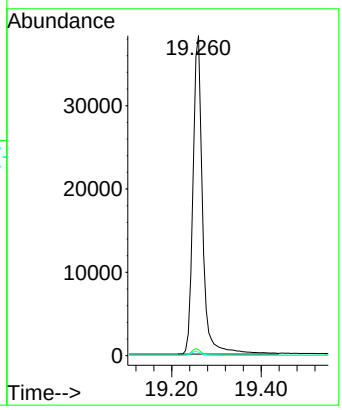
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

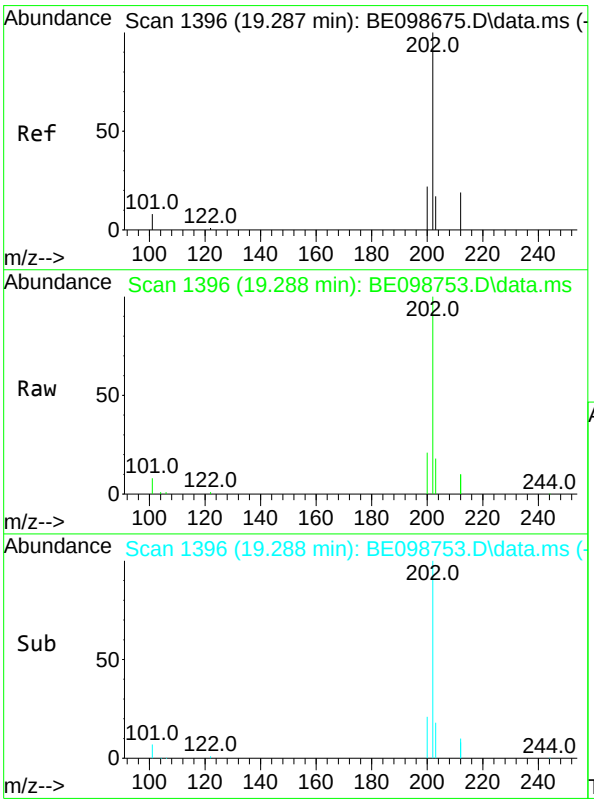


#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.260 min Scan# 1391
Delta R.T. 0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:212 Resp: 56987

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

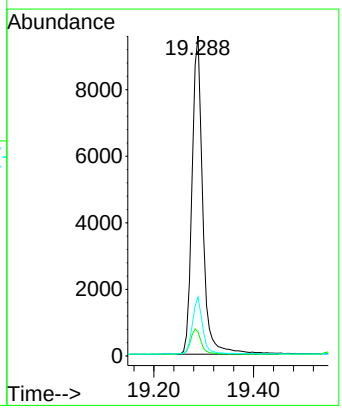




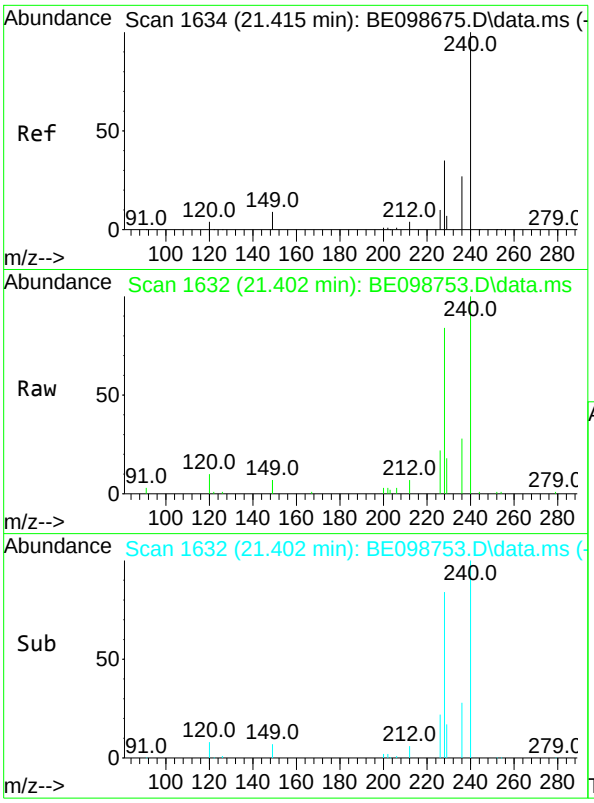
#26
Fluoranthene
Concen: 0.40 ng
RT: 19.288 min Scan# 1396
Delta R.T. 0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:202 Resp: 14387

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.7	10.1
203	17.2	13.3	19.9



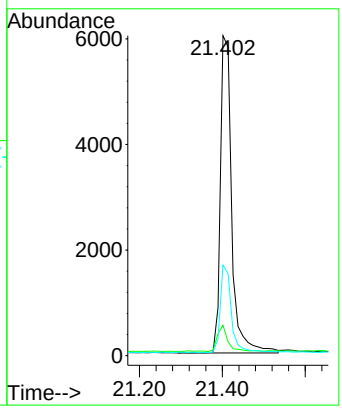
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

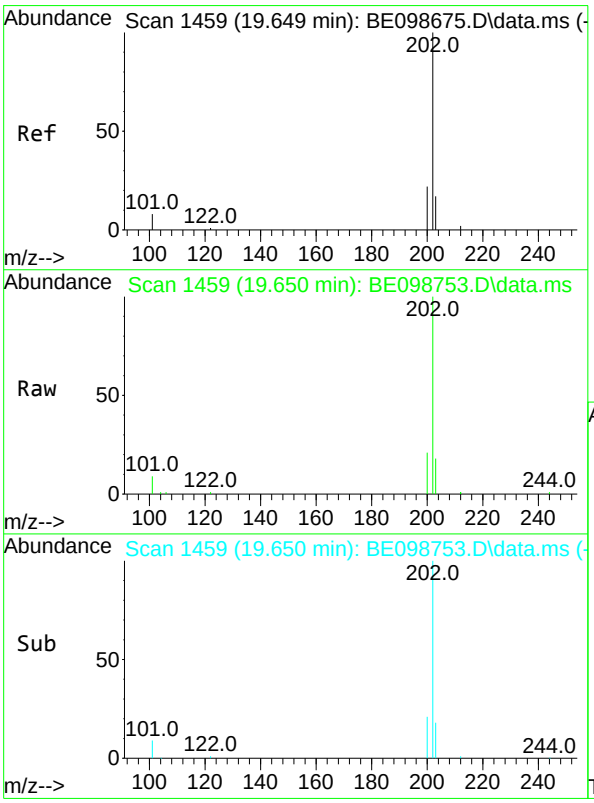


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.402 min Scan# 1632
Delta R.T. -0.013 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:240 Resp: 11431

Ion	Ratio	Lower	Upper
240	100		
120	9.5	4.7	7.1#
236	28.4	21.9	32.9

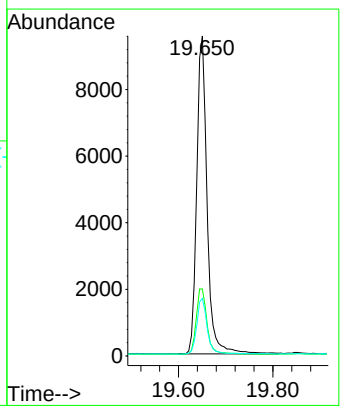




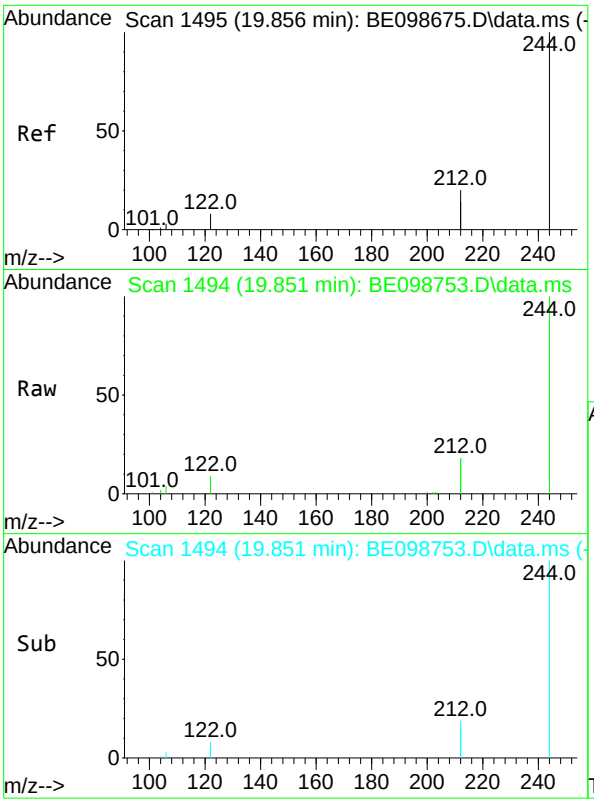
#28
Pyrene
Concen: 0.40 ng
RT: 19.650 min Scan# 1459
Delta R.T. 0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:202 Resp: 14582

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.2	13.8	20.8



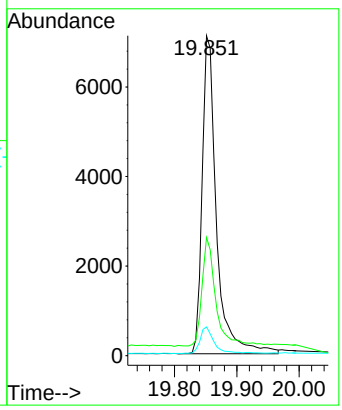
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

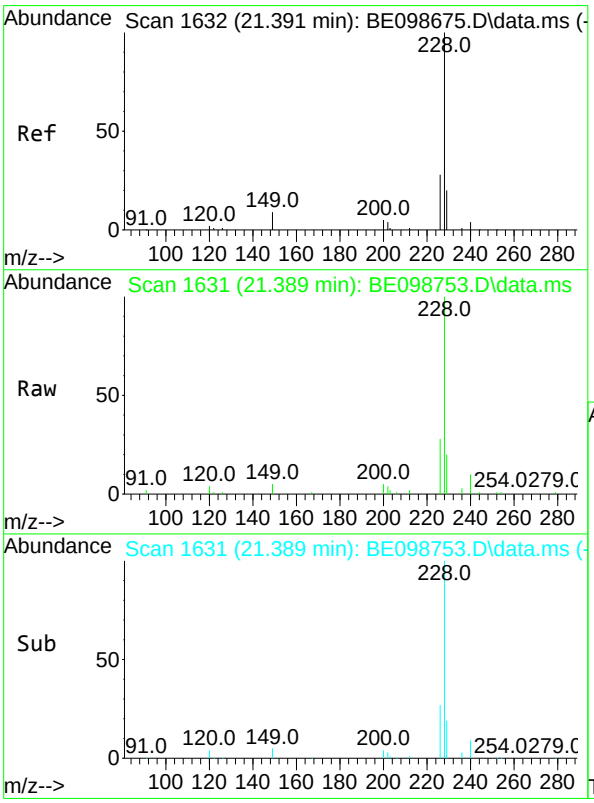


#29
Terphenyl-d14
Concen: 0.40 ng
RT: 19.851 min Scan# 1494
Delta R.T. -0.005 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:244 Resp: 11324

Ion	Ratio	Lower	Upper
244	100		
212	37.0	29.4	44.2
122	9.0	7.1	10.7

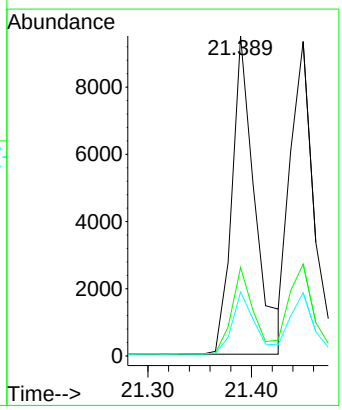


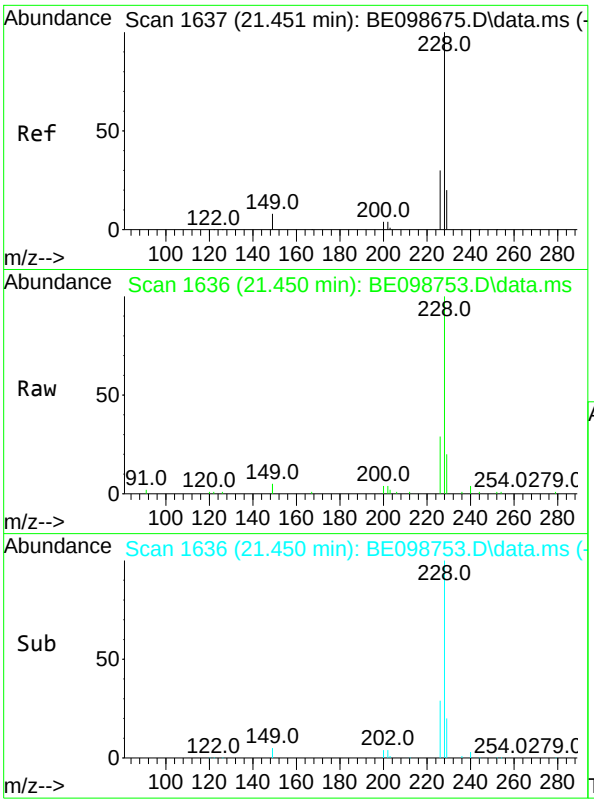


#30
Benzo(a)anthracene
Concen: 0.42 ng
RT: 21.389 min Scan# 1631
Delta R.T. -0.002 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:228 Resp: 14620

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.0	34.4
229	20.0	15.0	22.6

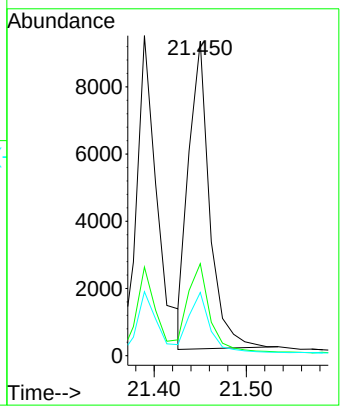




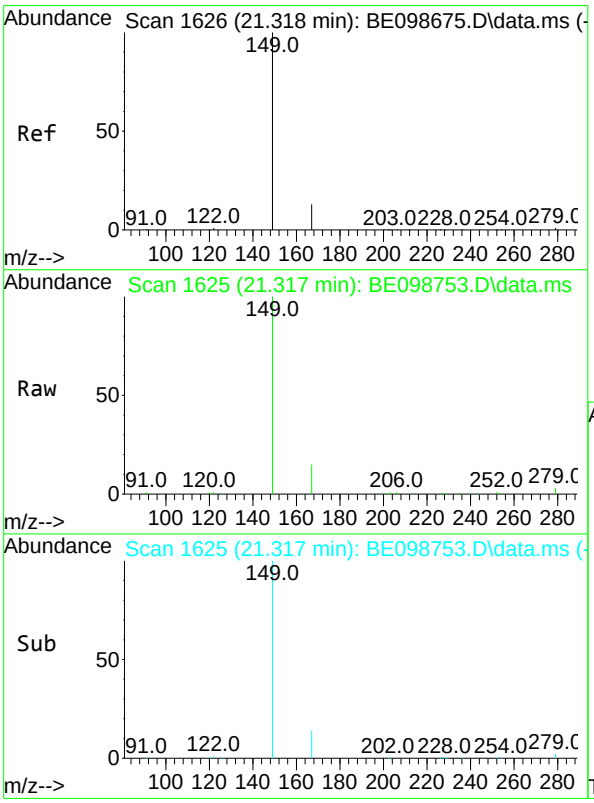
#31
Chrysene
Concen: 0.39 ng
RT: 21.450 min Scan# 1636
Delta R.T. -0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:228 Resp: 14405

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.6	36.8
229	20.1	16.4	24.6



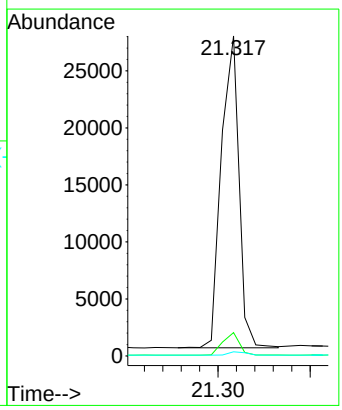
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC



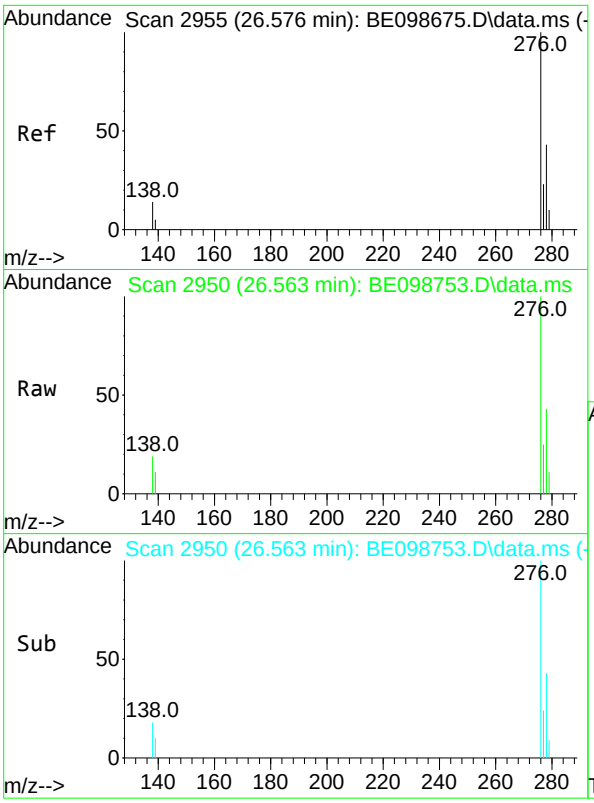
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.57 ng
RT: 21.317 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:149 Resp: 36534

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



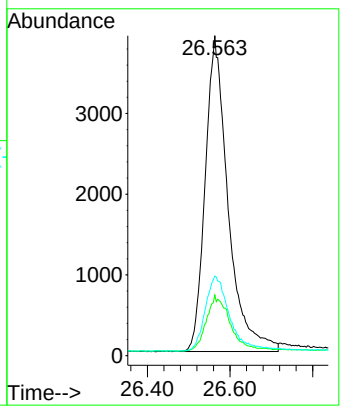
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

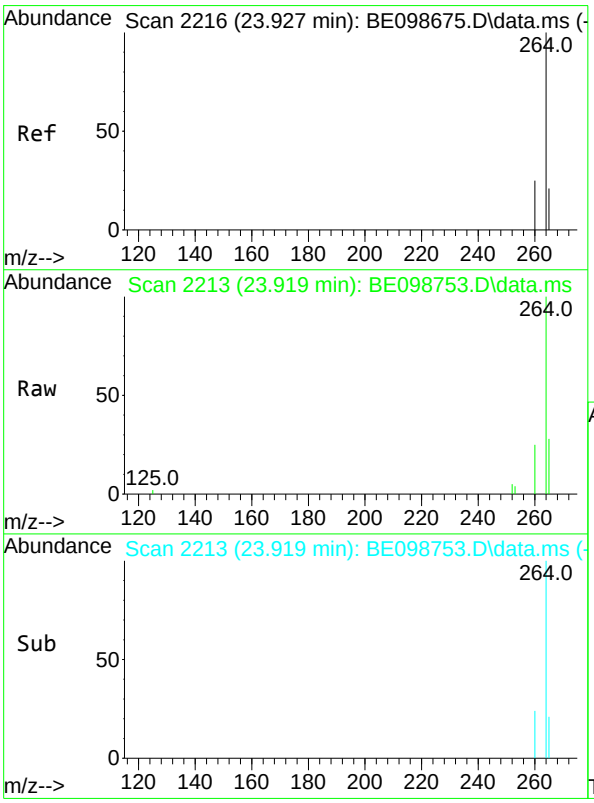


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 26.563 min Scan# 2950
Delta R.T. -0.013 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:276 Resp: 15036

Ion	Ratio	Lower	Upper
276	100		
138	17.9	13.3	19.9
277	25.2	19.4	29.0

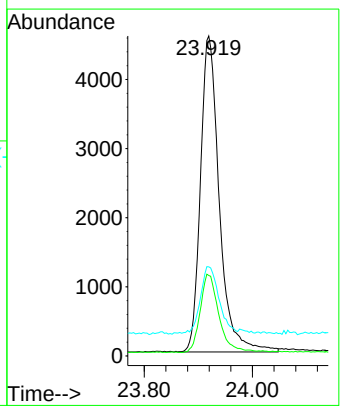


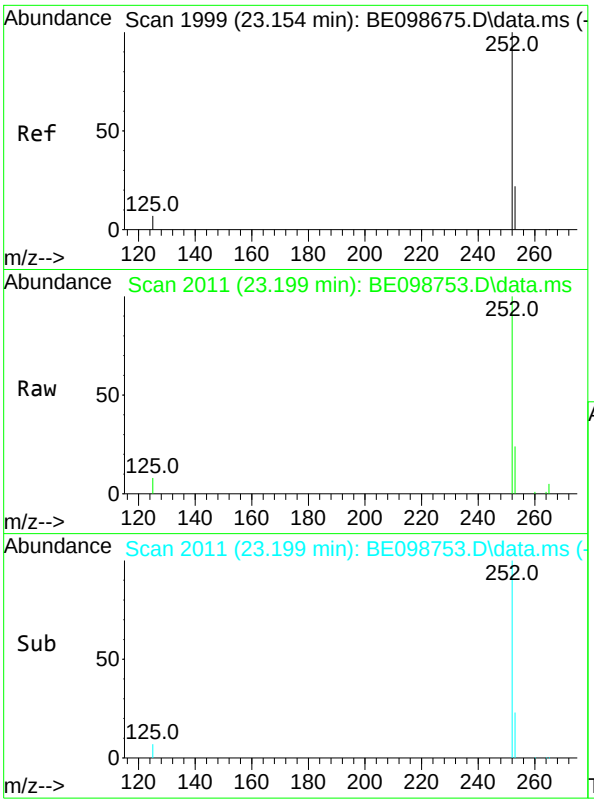


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.919 min Scan# 2213
Delta R.T. -0.008 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:264 Resp: 11101

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	27.8	22.3	33.5

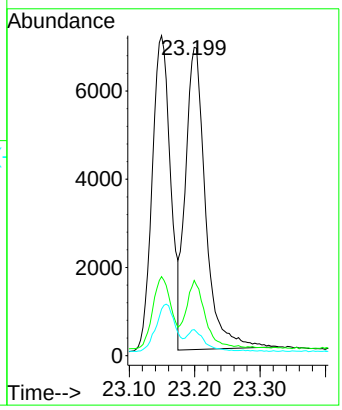




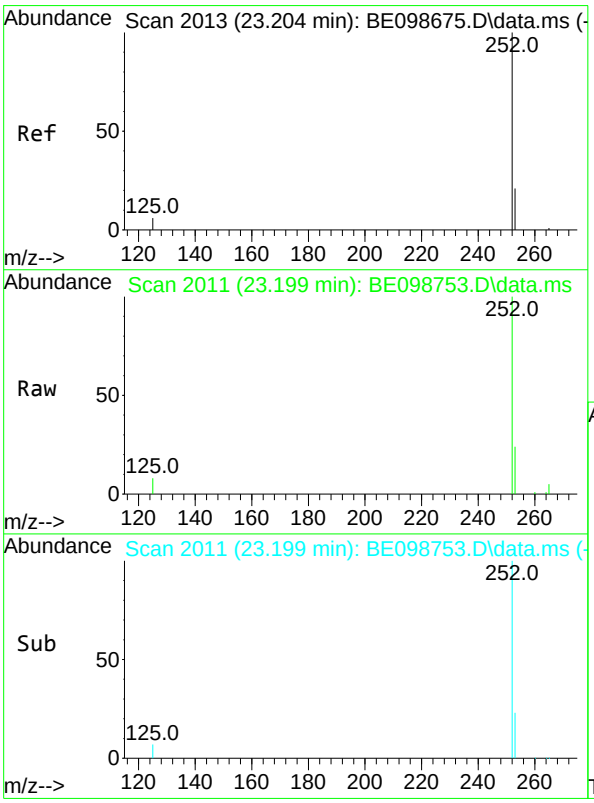
#35
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 23.199 min Scan# 2011
Delta R.T. 0.046 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:252 Resp: 14651

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.0
125	8.4	8.2	12.4



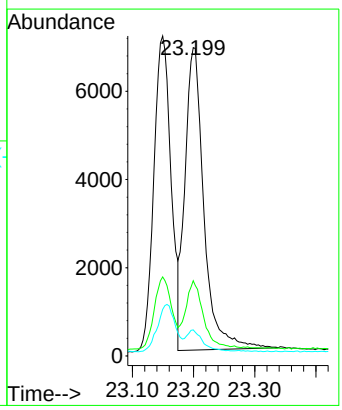
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC



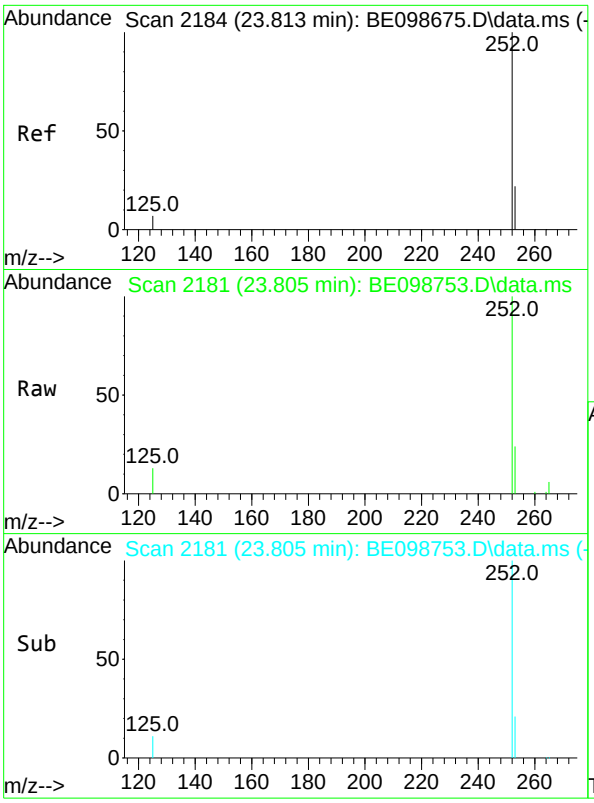
#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.199 min Scan# 2011
Delta R.T. -0.004 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:252 Resp: 14758

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.0	28.4
125	8.4	7.0	10.4



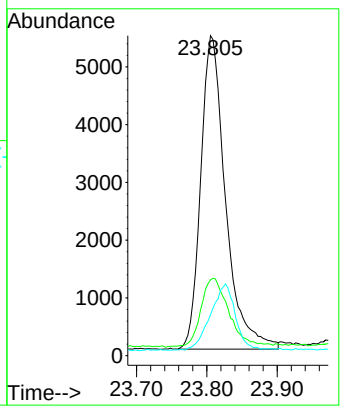
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

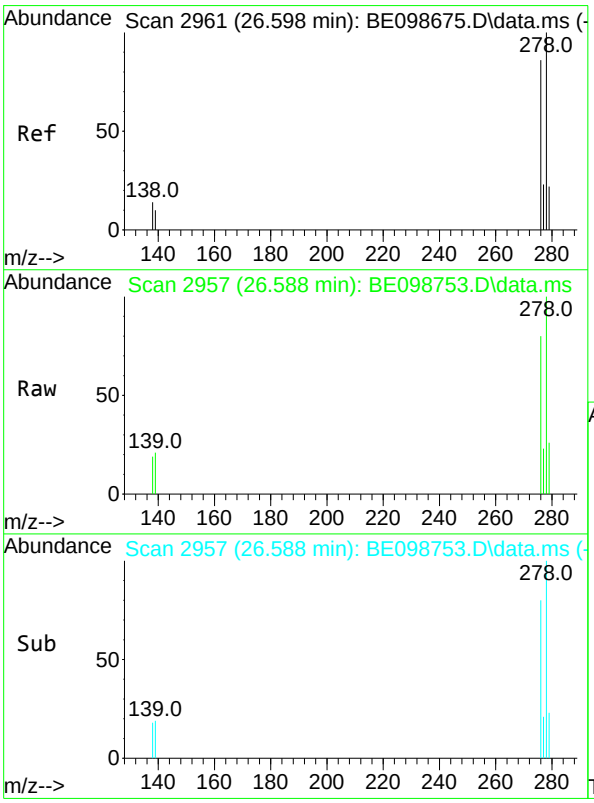


#37
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.805 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:252 Resp: 13306

Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.0	31.4
125	12.8	9.2	13.8

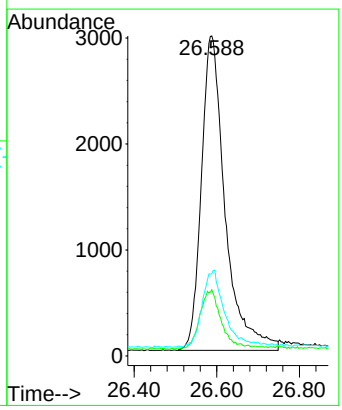


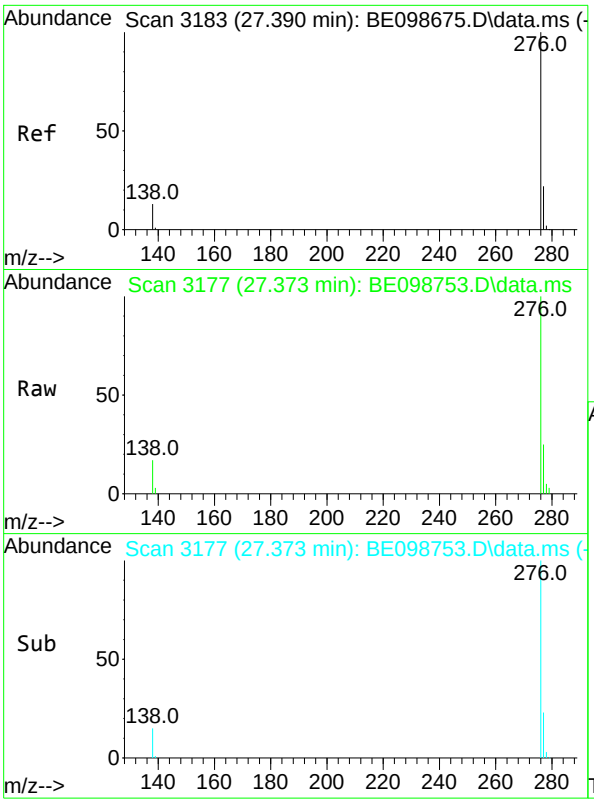


#38
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.588 min Scan# 2957
Delta R.T. -0.010 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:278 Resp: 11834

Ion	Ratio	Lower	Upper
278	100		
139	20.7	12.7	19.1#
279	25.7	22.0	33.0

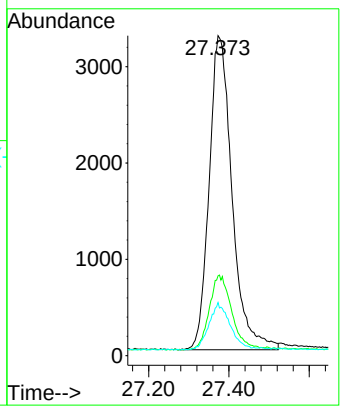




#39
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.373 min Scan# 3177
Delta R.T. -0.017 min
Lab File: BE098753.D
Acq: 21 Feb 2019 18:05

Tgt Ion:276 Resp: 12921

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.3	30.5
138	16.6	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC