Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098760.D
Acq On : 26 Feb 2019 14:34
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Feb 26 15:06:44 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	7.803	152	1082	0.40	ng		-0.01
7) Naphthalene-d8	10.602	136	4169	0.40	ng		# 0.00
13) Acenaphthene-d10	14.471	164	2690	0.40	ng		0.00
19) Phenanthrene-d10	17.215	188	6107	0.40	ng		#-0.01
27) Chrysene-d12	21.402	240	7043	0.40	ng		#-0.01
34) Perylene-d12	23.920	264	6407	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.385	112	9478	3.28	ng		-0.02
5) Phenol-d6	6.985	99	14528	3.54	ng		-0.01
8) Nitrobenzene-d5	8.952	82	16021	4.84	ng		-0.03
11) 2-Methylnaphthalene-d10	12.195	152	26307	3.83	ng		-0.02
14) 2,4,6-Tribromophenol	15.957	330	4737	4.05	ng		-0.03
15) 2-Fluorobiphenyl	13.088	172	37624	3.42	ng		0.00
25) Fluoranthene-d10	19.253	212	293289	3.88	ng		0.00
29) Terphenyl-d14	19.850	244	58012	3.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.300	88	5158	2.42	ng		95
3) n-Nitrosodimethylamine	3.622	42	8606	5.50	ng	#	96
6) bis(2-Chloroethyl)ether	7.227	93	11041	3.55	ng		94
9) Naphthalene	10.641	128	157008	3.78	ng		99
10) Hexachlorobutadiene	10.927	225	9986	3.36	ng		98
12) 2-Methylnaphthalene	12.267	142	27737	4.03	ng		93
16) Acenaphthylene	14.183	152	47323	4.06	ng		99
17) Acenaphthene	14.528	154	26841	3.67	ng		99
18) Fluorene	15.515	166	37476	3.94	ng		99
20) 4-Bromophenyl-phenylether	16.412	248	12347	3.82	ng	#	82
21) Hexachlorobenzene	16.519	284	13687	3.51	ng		96
22) Pentachlorophenol	16.881	266	4095	3.58	ng		90
23) Phenanthrene	17.256	178	57166	3.95	ng		99
24) Anthracene	17.349	178	53068	4.28	ng		99
26) Fluoranthene	19.282	202	73665	3.96	ng		99
28) Pyrene	19.643	202	74582	3.85	ng		100
30) Benzo(a)anthracene	21.390	228	72765	3.84	ng		96
31) Chrysene	21.438	228	75834	3.86	ng		99
32) Bis(2-ethylhexyl)phtha...	21.305	149	145488	3.62	ng		100
33) Indeno(1,2,3-cd)pyrene	26.556	276	73935	3.65	ng		99
35) Benzo(b)fluoranthene	23.143	252	71552	4.09	ng	#	95
36) Benzo(k)fluoranthene	23.193	252	73344	3.84	ng		96
37) Benzo(a)pyrene	23.799	252	66823	3.89	ng	#	92
38) Dibenzo(a,h)anthracene	26.578	278	56093	3.69	ng	#	91
39) Benzo(g,h,i)perylene	27.366	276	64229	3.85	ng		97

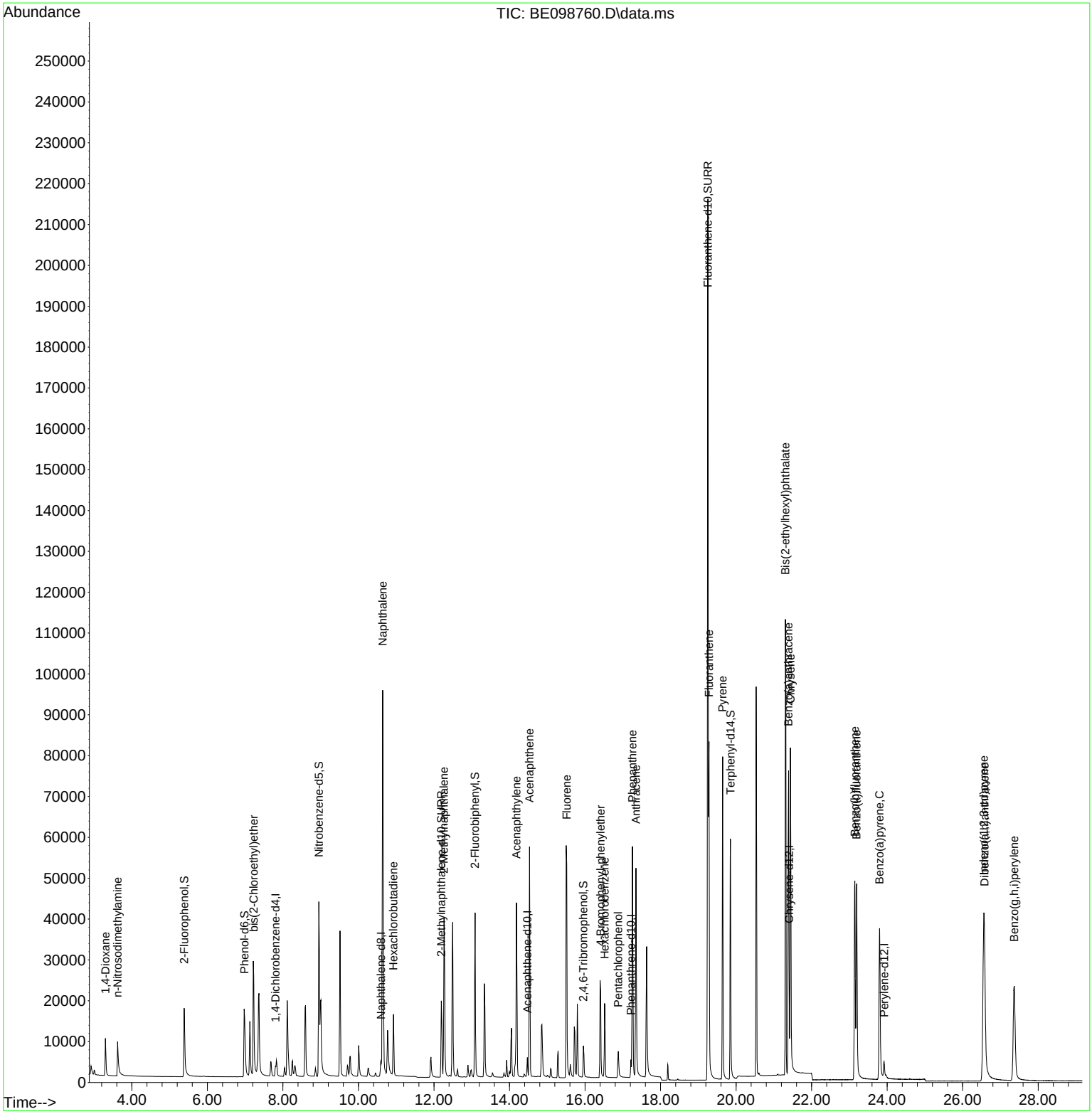
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

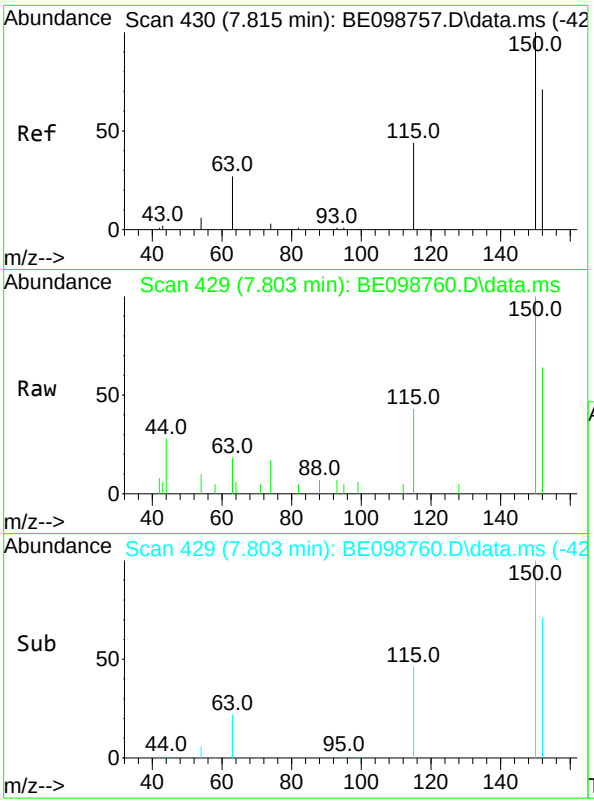
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098760.D
Acq On : 26 Feb 2019 14:34
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Feb 26 15:06:44 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



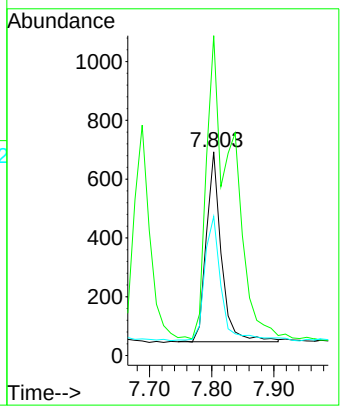
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

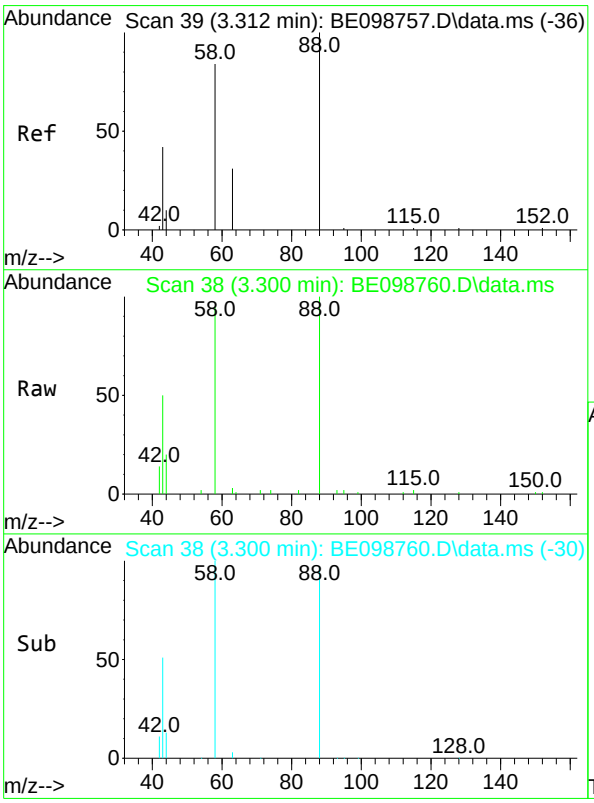


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.803 min Scan# 429
Delta R.T. -0.012 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:152 Resp: 1082

Ion	Ratio	Lower	Upper
152	100		
150	157.0	121.4	182.2
115	68.3	59.1	88.7

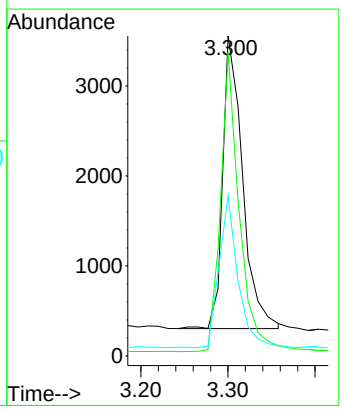




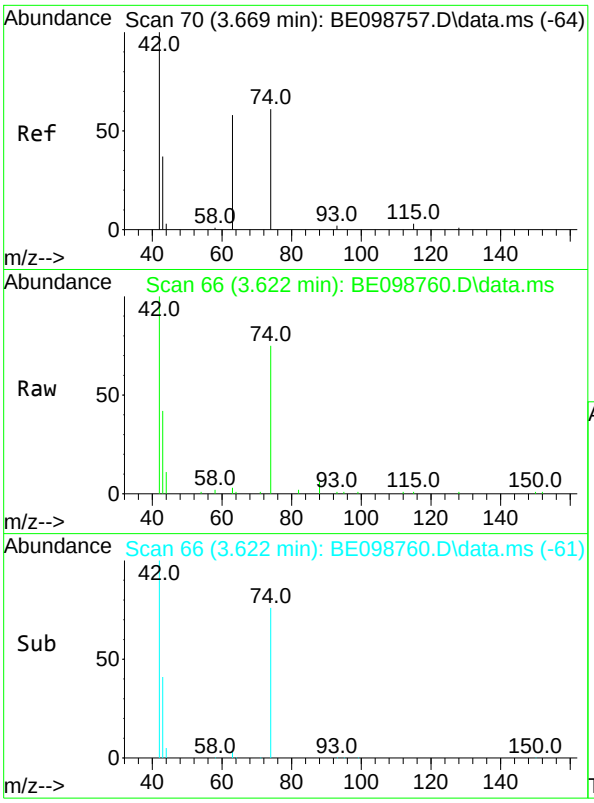
#2
1,4-Dioxane
Concen: 2.42 ng
RT: 3.300 min Scan# 38
Delta R.T. -0.012 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion: 88 Resp: 5158

Ion	Ratio	Lower	Upper
88	100		
58	95.3	73.9	110.9
43	49.4	43.7	65.5



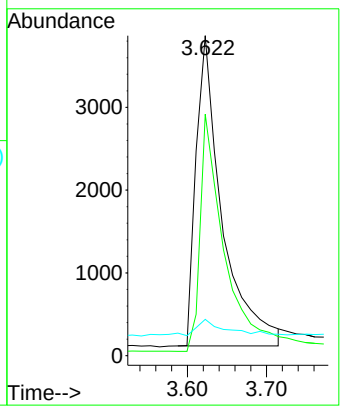
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

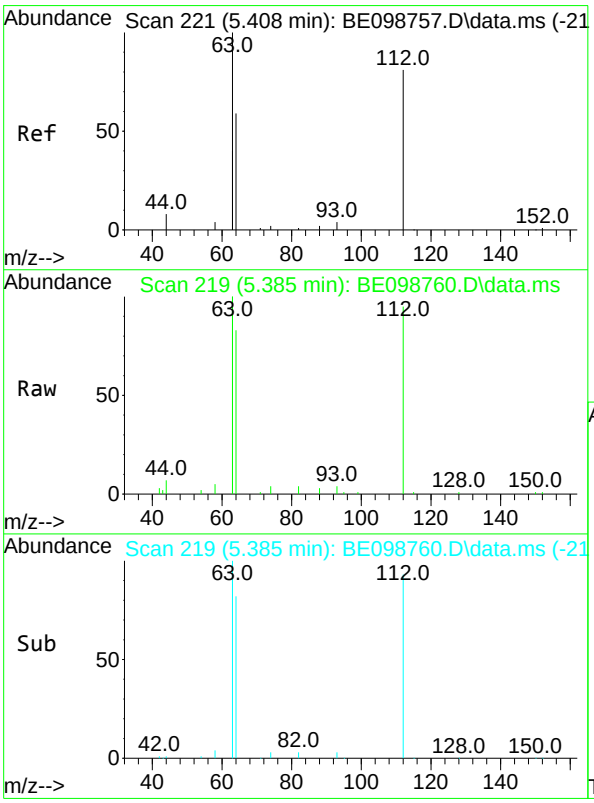


#3
n-Nitrosodimethylamine
Concen: 5.50 ng
RT: 3.622 min Scan# 66
Delta R.T. -0.047 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion: 42 Resp: 8606

Ion	Ratio	Lower	Upper
42	100		
74	70.6	58.9	88.3
44	5.8	0.0	0.0#

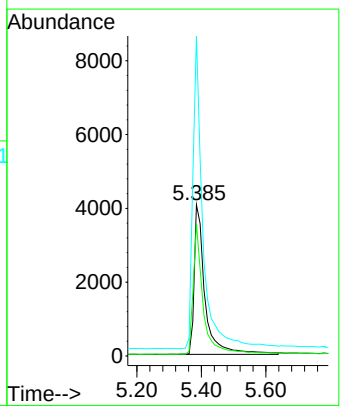




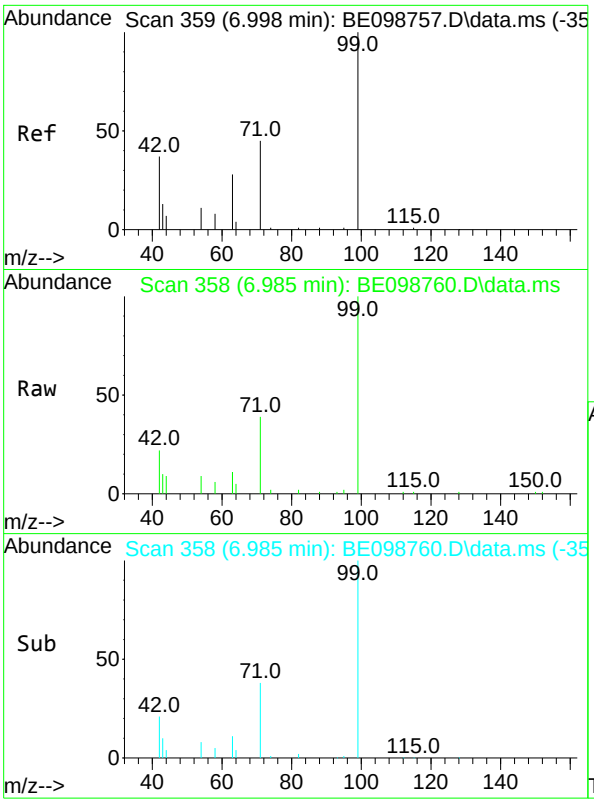
#4
2-Fluorophenol
Concen: 3.28 ng
RT: 5.385 min Scan# 219
Delta R.T. -0.024 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:112 Resp: 9478

Ion	Ratio	Lower	Upper
112	100		
64	81.0	62.9	94.3
63	195.2	152.2	228.4



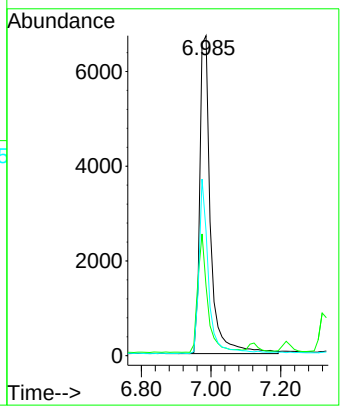
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

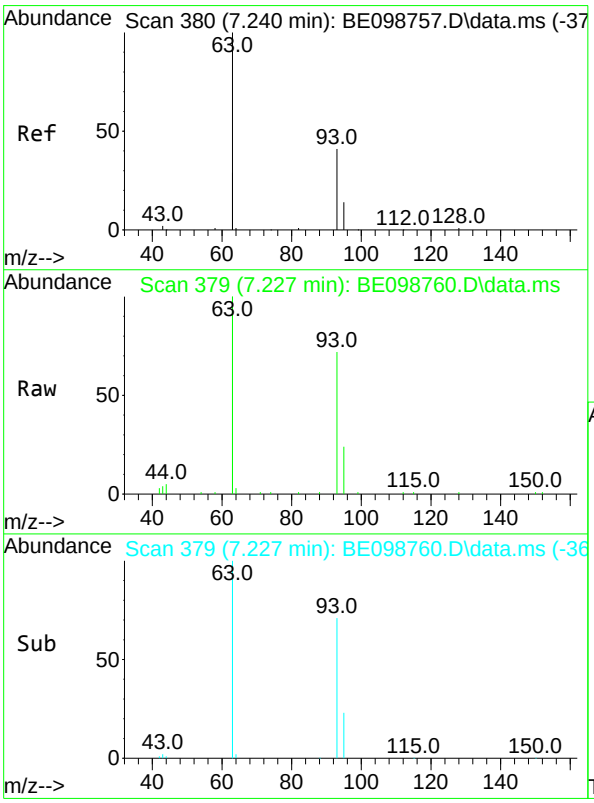


#5
Phenol-d6
Concen: 3.54 ng
RT: 6.985 min Scan# 358
Delta R.T. -0.012 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion: 99 Resp: 14528

Ion	Ratio	Lower	Upper
99	100		
42	33.6	24.6	37.0
71	47.7	35.1	52.7

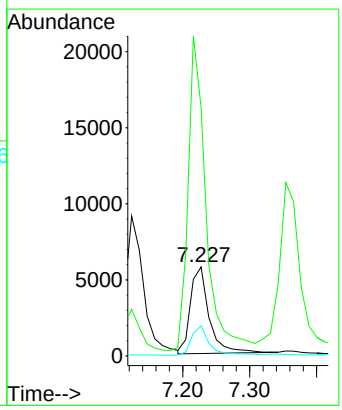




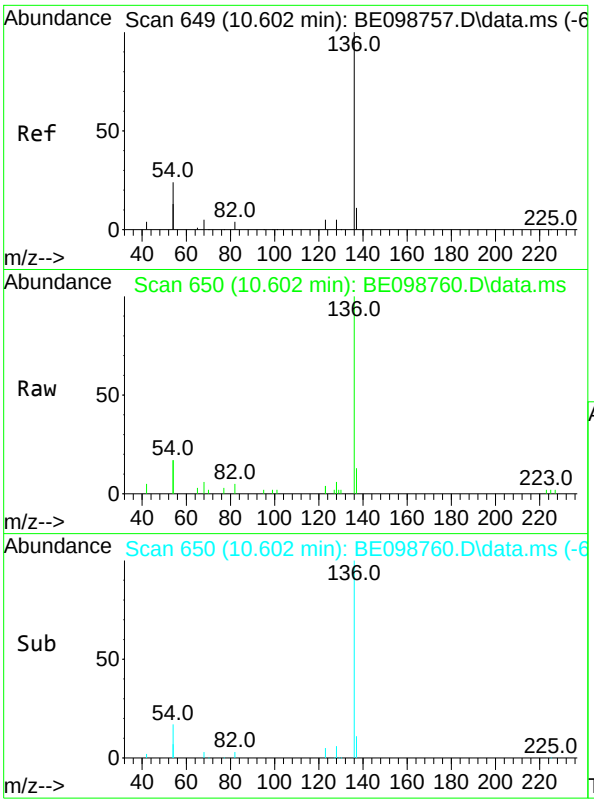
#6
bis(2-Chloroethyl)ether
Concen: 3.55 ng
RT: 7.227 min Scan# 379
Delta R.T. -0.012 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion: 93 Resp: 11041

Ion	Ratio	Lower	Upper
93	100		
63	347.6	267.3	400.9
95	32.1	26.2	39.4



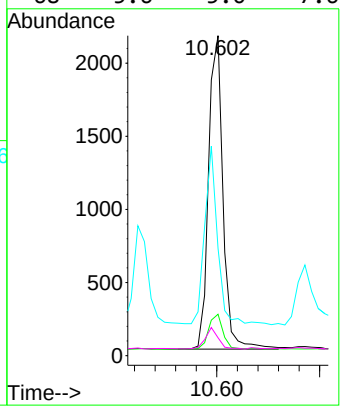
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

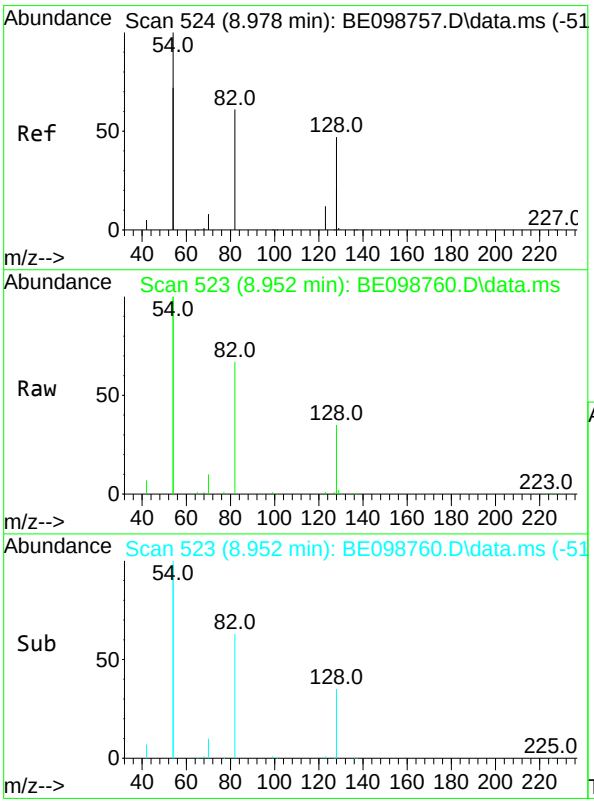


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 650
Delta R.T. 0.000 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:136 Resp: 4169

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.7	14.5
54	33.5	35.5	53.3#
68	5.6	5.0	7.6

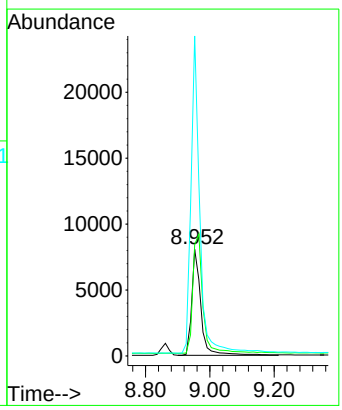


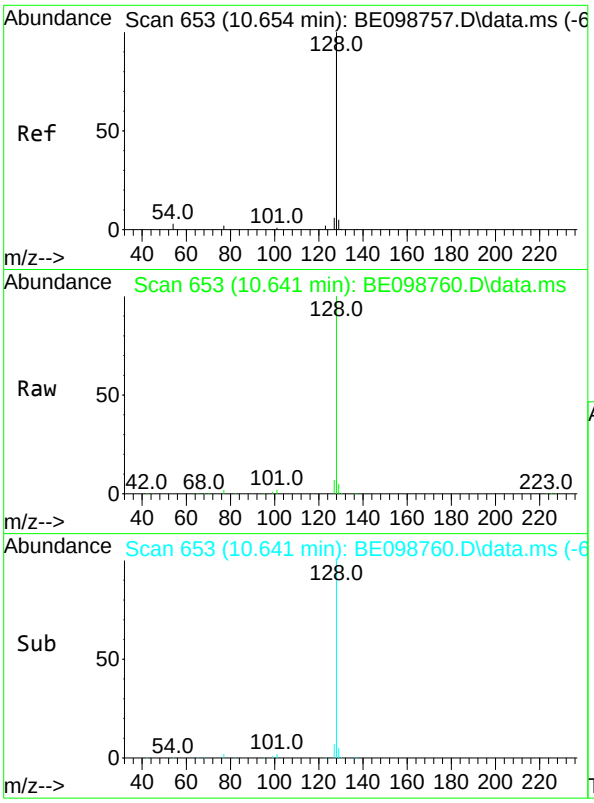


#8
Nitrobenzene-d5
Concen: 4.84 ng
RT: 8.952 min Scan# 523
Delta R.T. -0.026 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion: 82 Resp: 16021

Ion	Ratio	Lower	Upper
82	100		
128	104.2	96.5	144.7
54	299.9	224.7	337.1

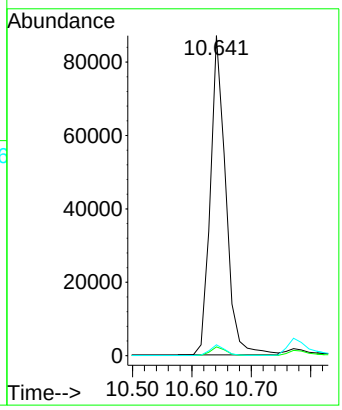




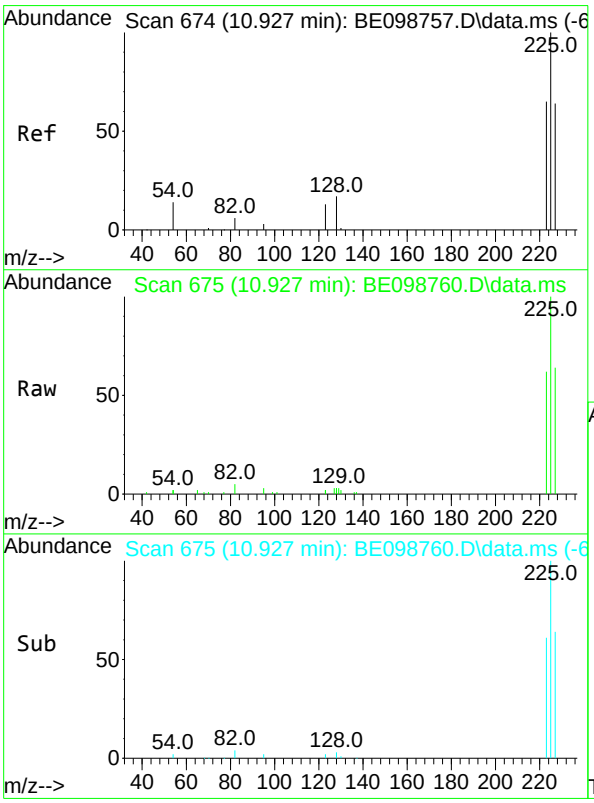
#9
Naphthalene
Concen: 3.78 ng
RT: 10.641 min Scan# 653
Delta R.T. -0.013 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:128 Resp: 157008

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.4	3.0	4.6



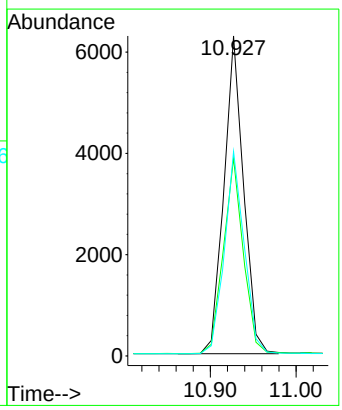
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2



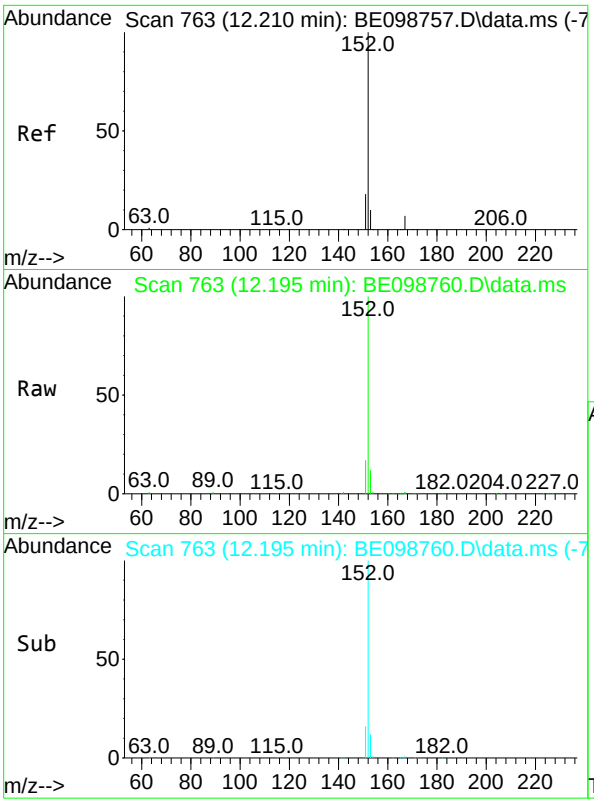
#10
Hexachlorobutadiene
Concen: 3.36 ng
RT: 10.927 min Scan# 675
Delta R.T. 0.000 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:225 Resp: 9986

Ion	Ratio	Lower	Upper
225	100		
223	62.1	47.8	71.8
227	64.0	50.5	75.7



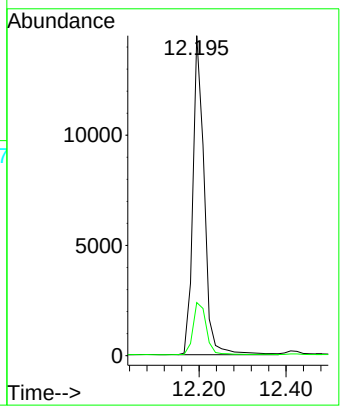
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

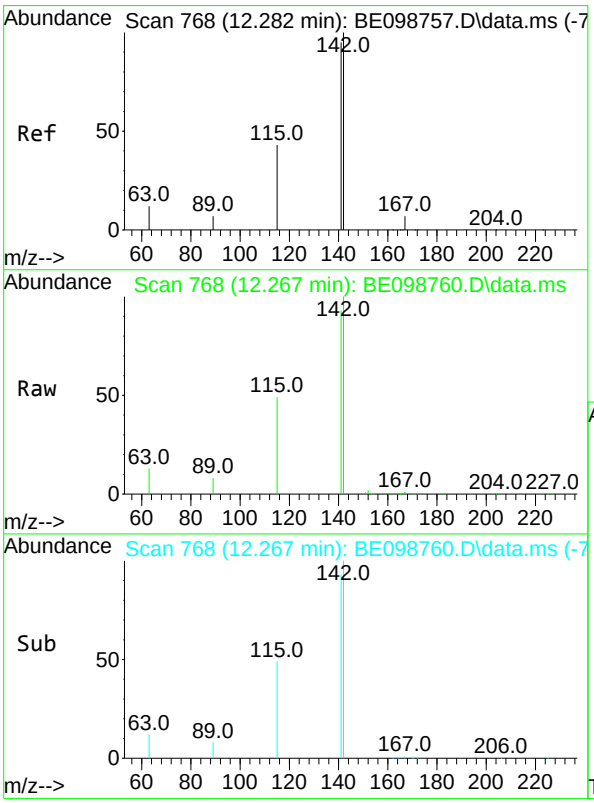


#11
2-Methylnaphthalene-d10
Concen: 3.83 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.015 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:152 Resp: 26307

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4

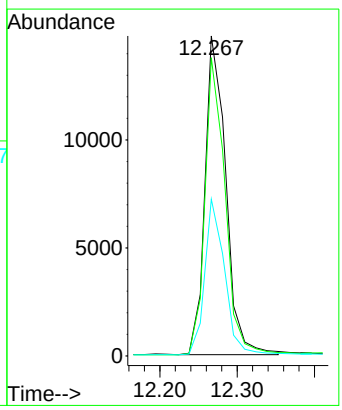




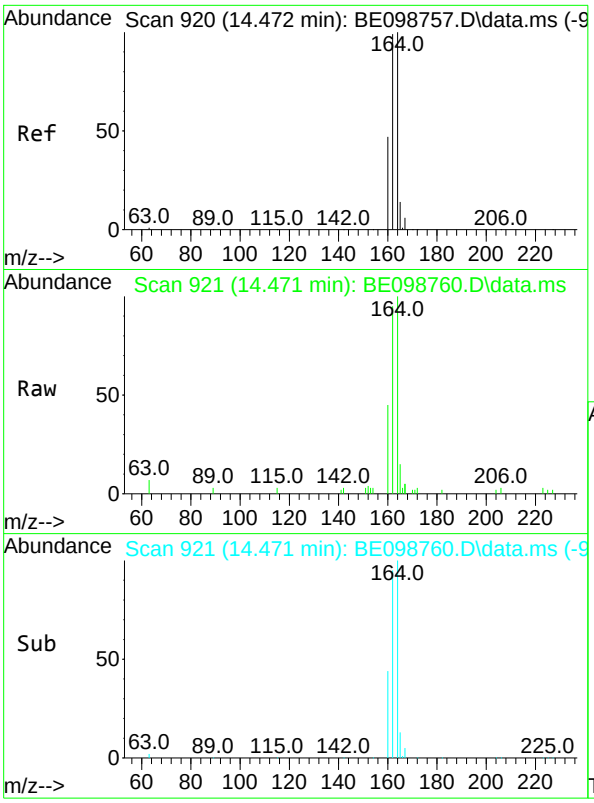
#12
2-Methylnaphthalene
Concen: 4.03 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.015 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:142 Resp: 27737

Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.0	105.0
115	49.0	35.2	52.8



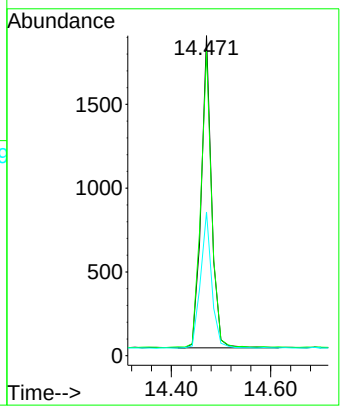
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

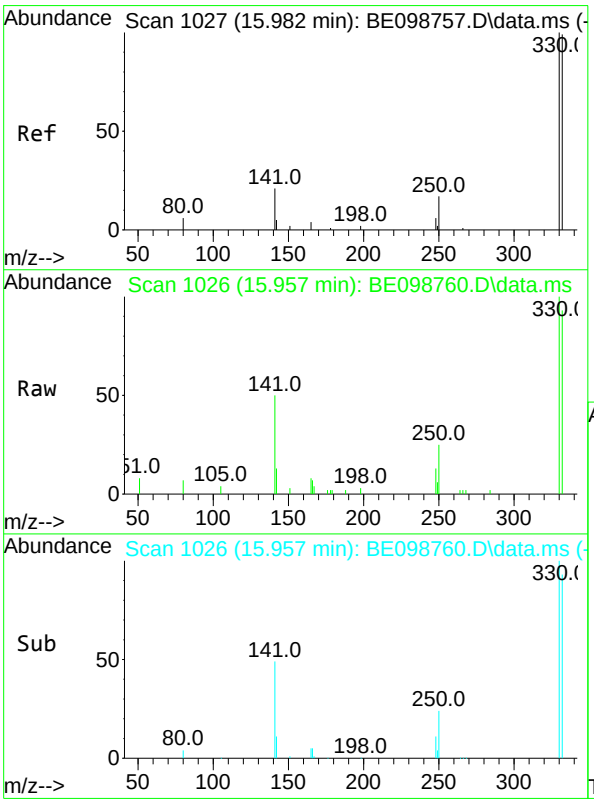


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 921
Delta R.T. -0.001 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:164 Resp: 2690

Ion	Ratio	Lower	Upper
164	100		
162	95.2	80.5	120.7
160	44.9	40.1	60.1

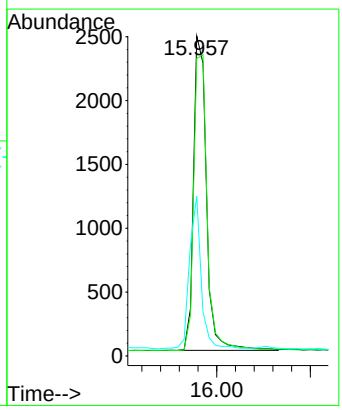




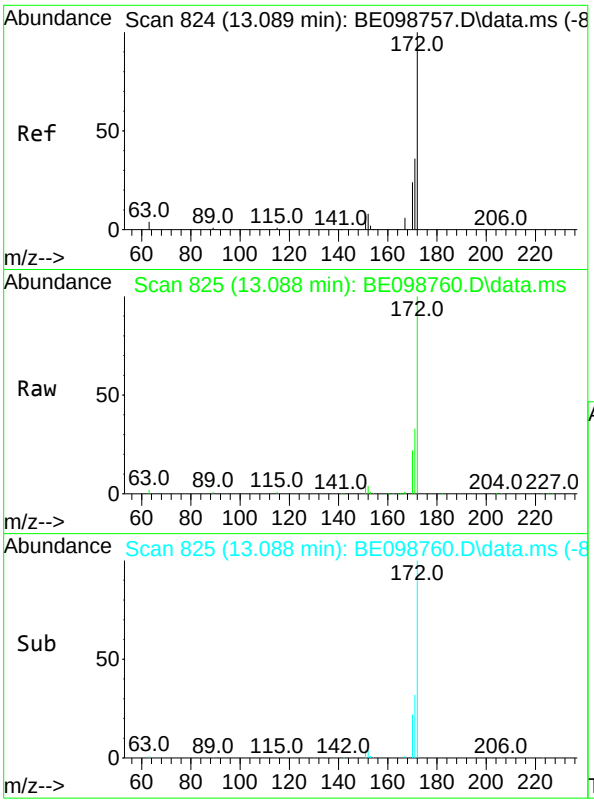
#14
2,4,6-Tribromophenol
Concen: 4.05 ng
RT: 15.957 min Scan# 1026
Delta R.T. -0.025 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:330 Resp: 4737

Ion	Ratio	Lower	Upper
330	100		
332	98.4	73.3	109.9
141	42.9	33.1	49.7



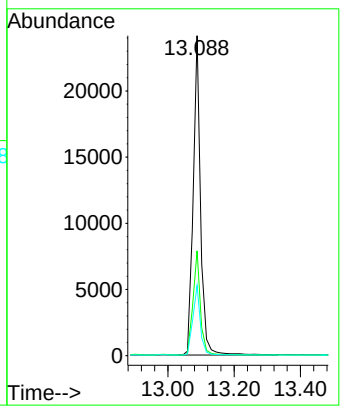
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

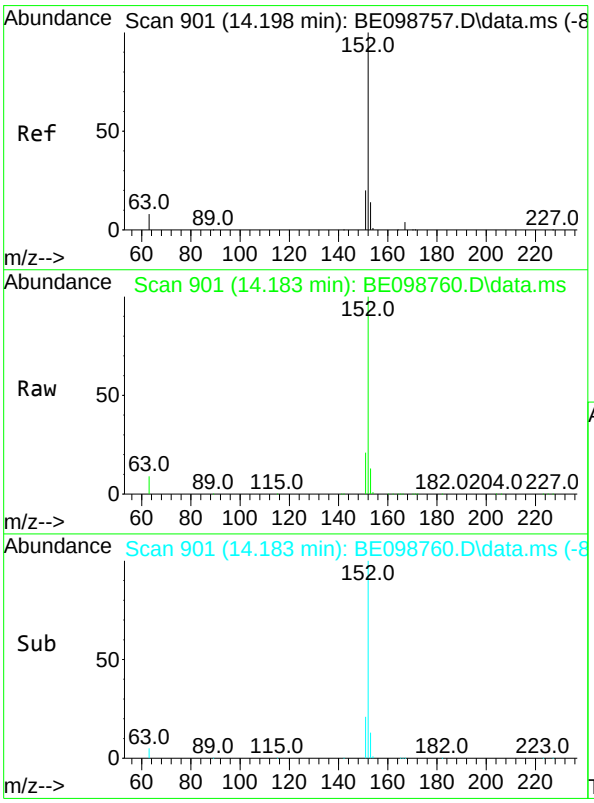


#15
2-Fluorobiphenyl
Concen: 3.42 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.001 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:172 Resp: 37624

Ion	Ratio	Lower	Upper
172	100		
171	32.8	29.0	43.4
170	21.9	20.8	31.2

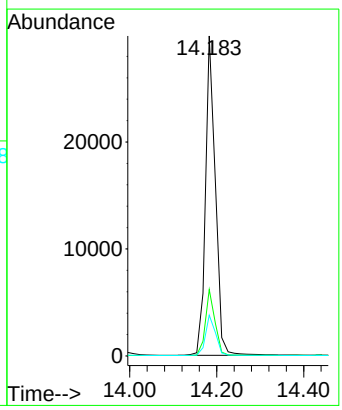




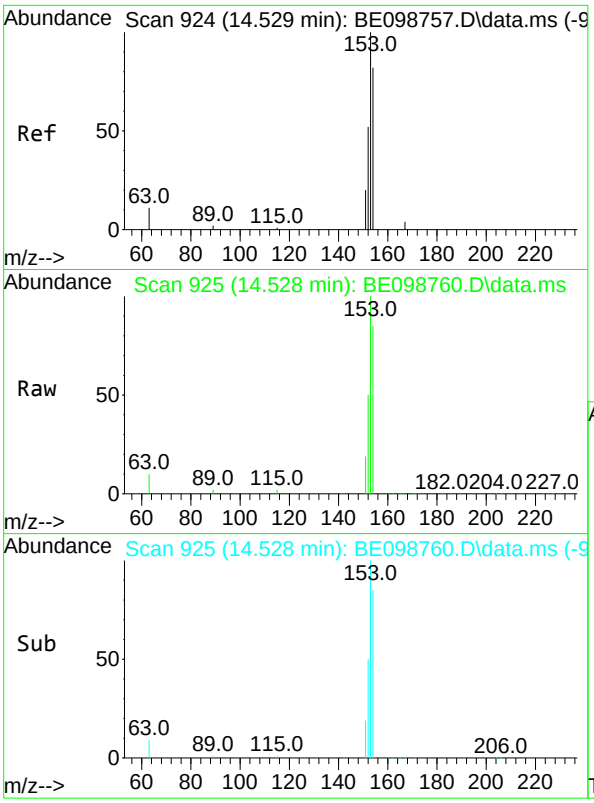
#16
Acenaphthylene
Concen: 4.06 ng
RT: 14.183 min Scan# 901
Delta R.T. -0.015 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:152 Resp: 47323

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



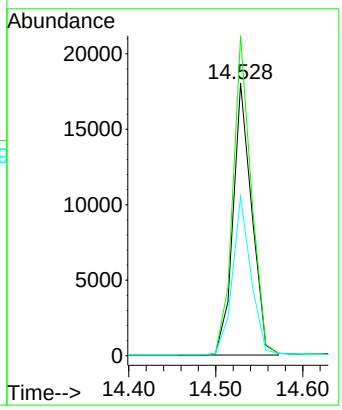
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

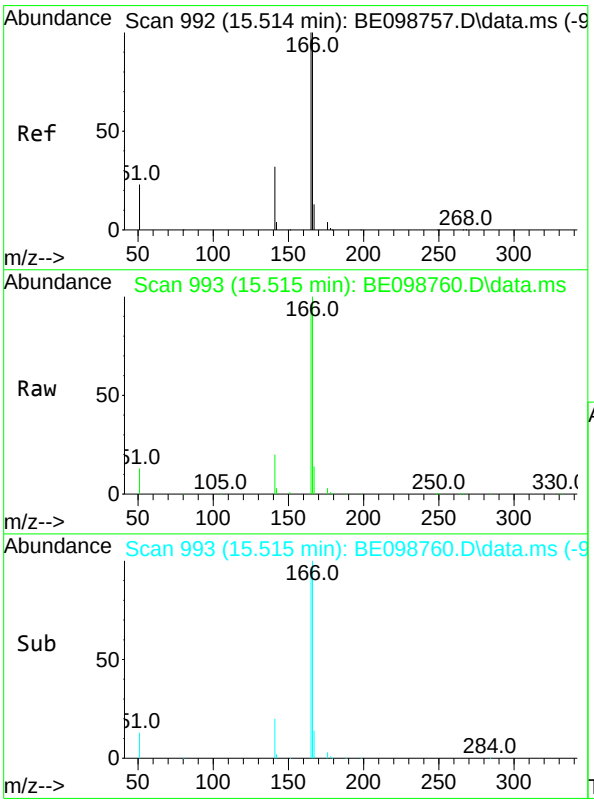


#17
Acenaphthene
Concen: 3.67 ng
RT: 14.528 min Scan# 925
Delta R.T. -0.001 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:154 Resp: 26841

Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.9	140.9
152	56.9	45.8	68.8

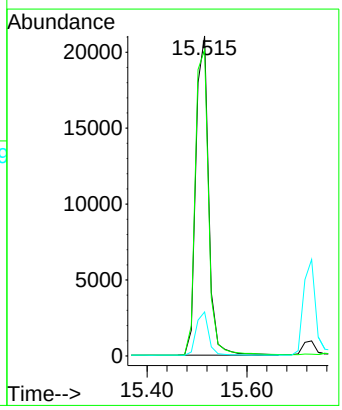




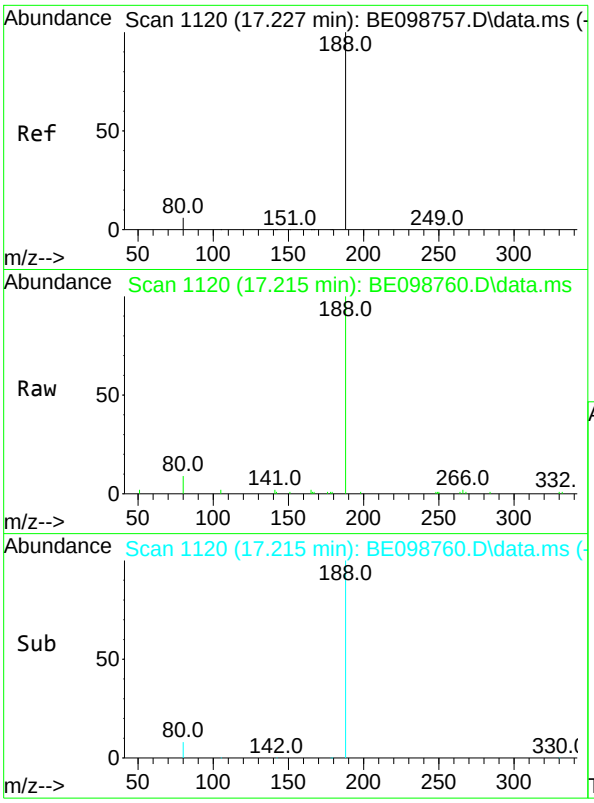
#18
Fluorene
Concen: 3.94 ng
RT: 15.515 min Scan# 993
Delta R.T. 0.001 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:166 Resp: 37476

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.3	118.9
167	13.3	10.6	15.8



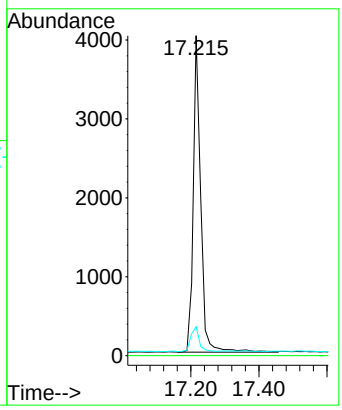
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

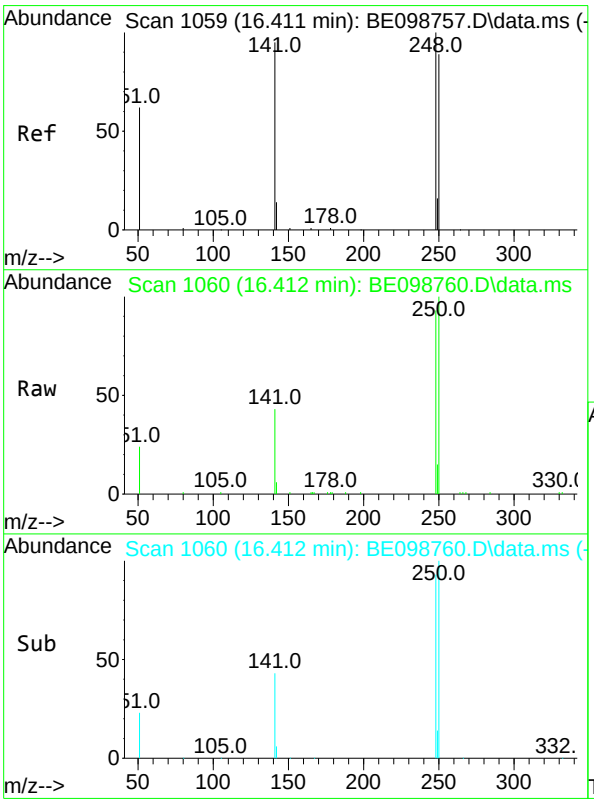


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.215 min Scan# 1120
Delta R.T. -0.012 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:188 Resp: 6107

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	4.7	7.1#

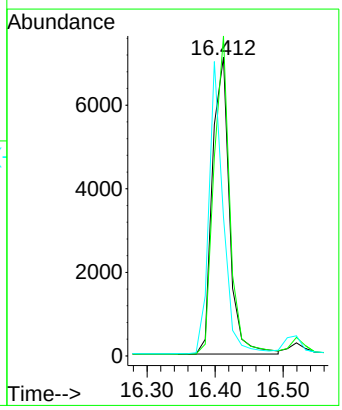




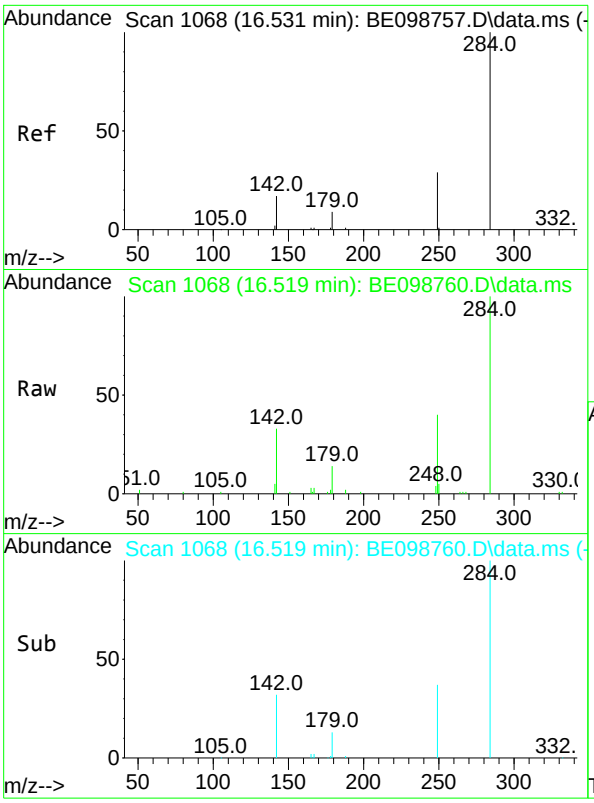
#20
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 16.412 min Scan# 1060
Delta R.T. 0.001 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:248 Resp: 12347

Ion	Ratio	Lower	Upper
248	100		
250	107.1	80.2	120.4
141	46.5	60.5	90.7#



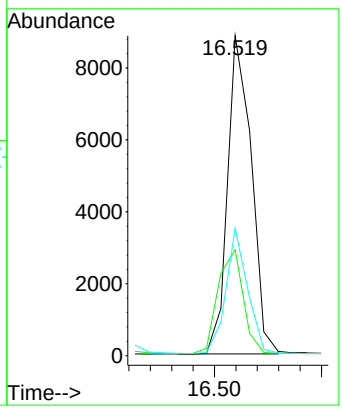
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

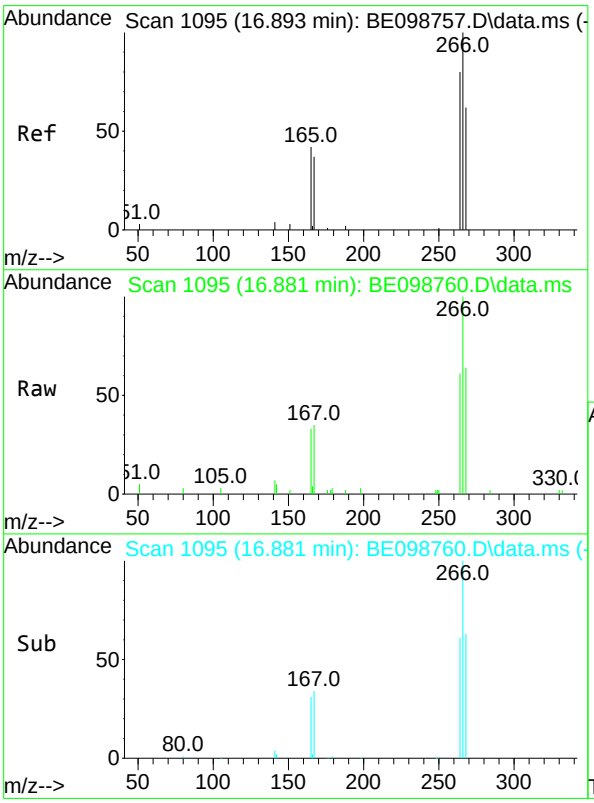


#21
Hexachlorobenzene
Concen: 3.51 ng
RT: 16.519 min Scan# 1068
Delta R.T. -0.012 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:284 Resp: 13687

Ion	Ratio	Lower	Upper
284	100		
142	34.5	25.5	38.3
249	35.5	26.6	39.8

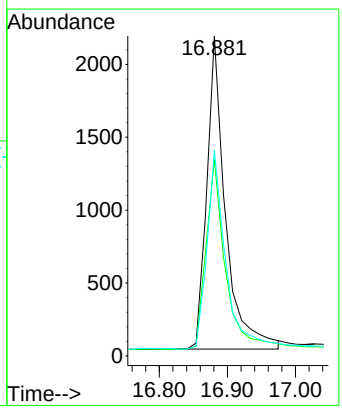




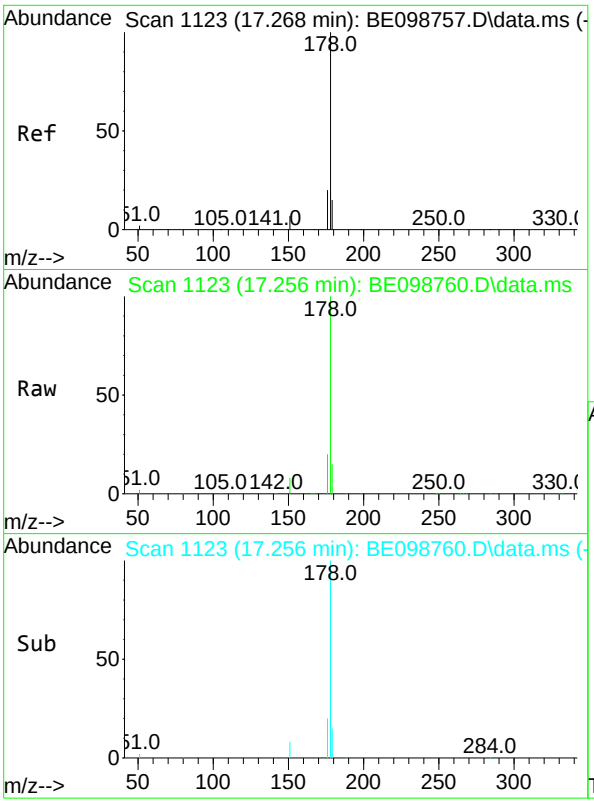
#22
Pentachlorophenol
Concen: 3.58 ng
RT: 16.881 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:266 Resp: 4095

Ion	Ratio	Lower	Upper
266	100		
264	61.4	53.7	80.5
268	64.2	59.8	89.8



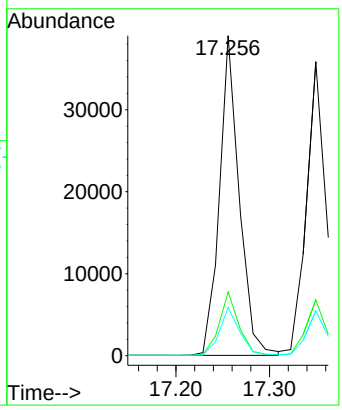
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

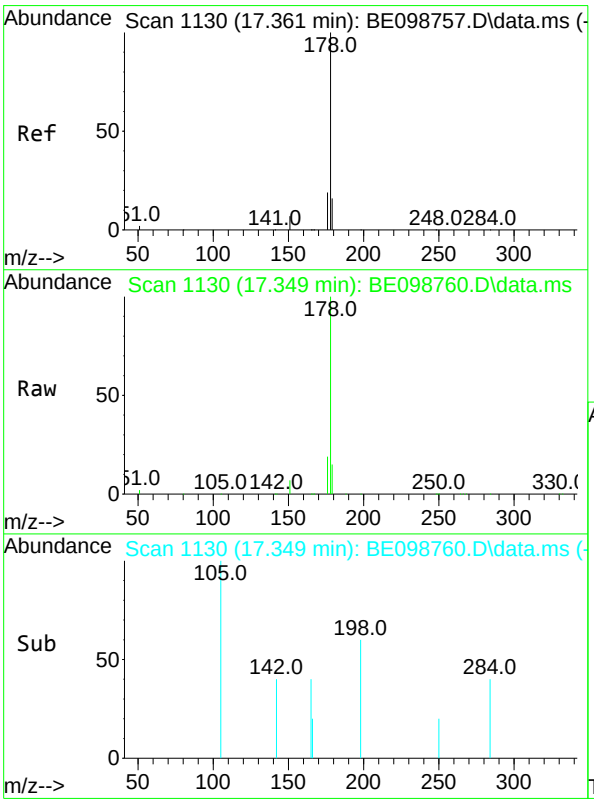


#23
Phenanthrene
Concen: 3.95 ng
RT: 17.256 min Scan# 1123
Delta R.T. -0.012 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:178 Resp: 57166

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.2	12.2	18.4

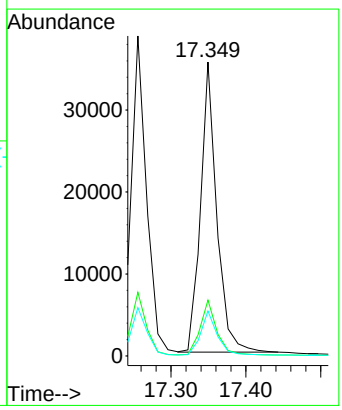




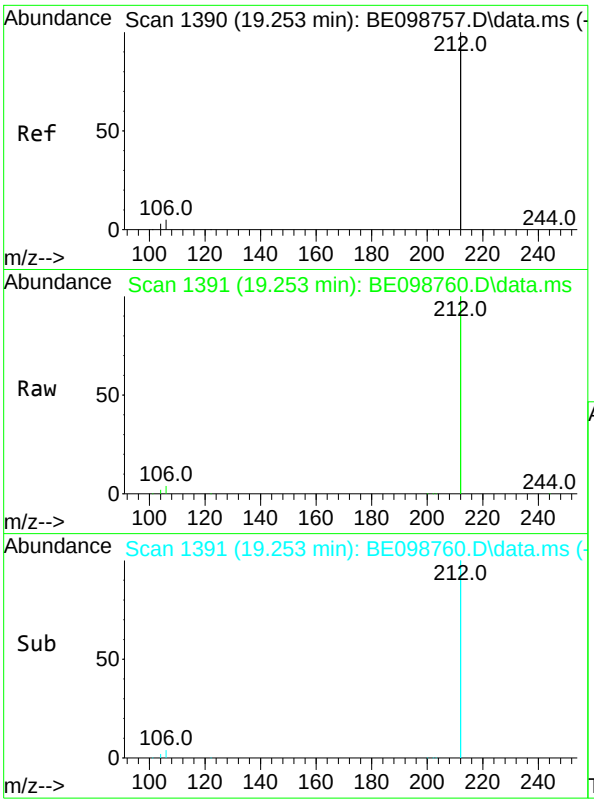
#24
Anthracene
Concen: 4.28 ng
RT: 17.349 min Scan# 1130
Delta R.T. -0.012 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:178 Resp: 53068

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.3	11.8	17.8



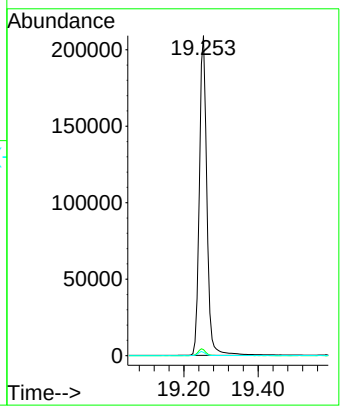
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

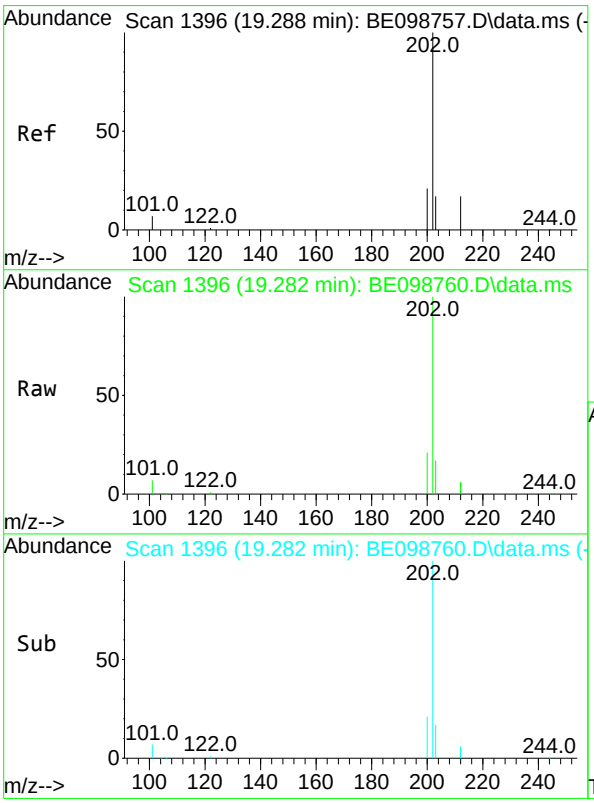


#25
Fluoranthene-d10
Concen: 3.88 ng
RT: 19.253 min Scan# 1391
Delta R.T. -0.001 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:212 Resp: 293289

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

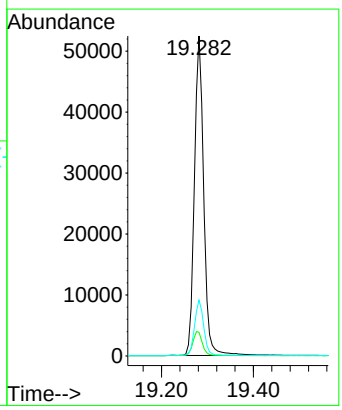




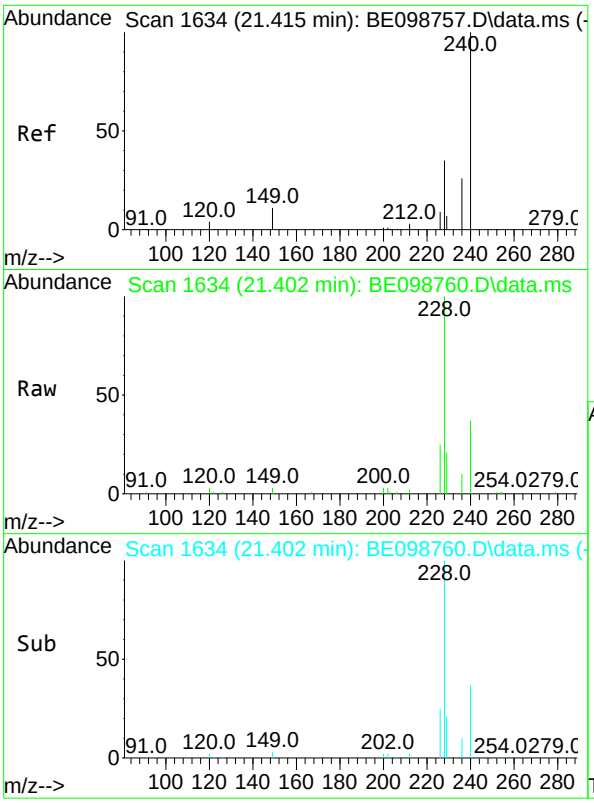
#26
Fluoranthene
Concen: 3.96 ng
RT: 19.282 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:202 Resp: 73665

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.7	10.1
203	17.2	13.3	19.9



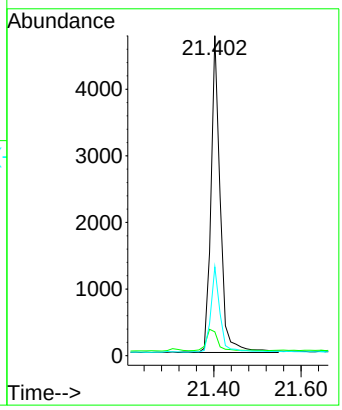
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

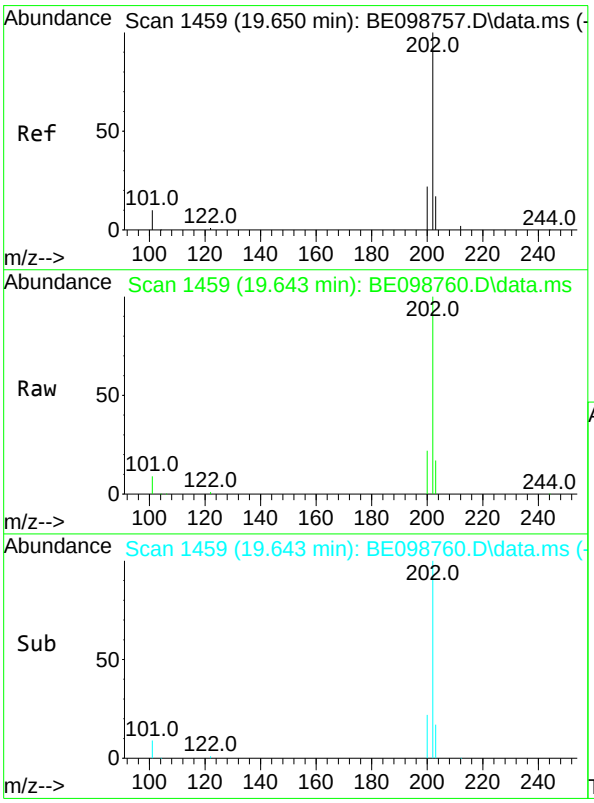


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.402 min Scan# 1634
Delta R.T. -0.013 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:240 Resp: 7043

Ion	Ratio	Lower	Upper
240	100		
120	7.5	4.7	7.1#
236	27.7	21.9	32.9

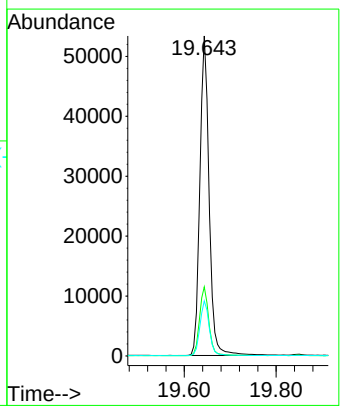




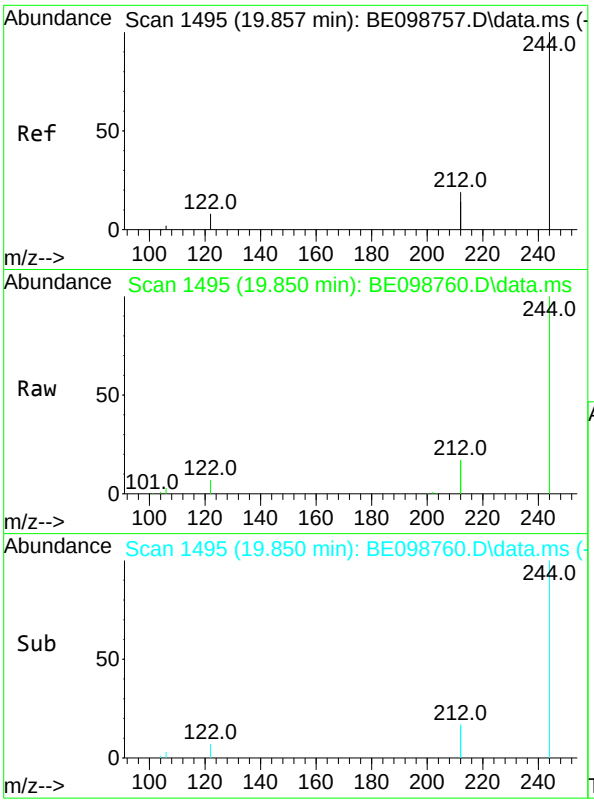
#28
Pyrene
Concen: 3.85 ng
RT: 19.643 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:202 Resp: 74582

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.4	13.8	20.8



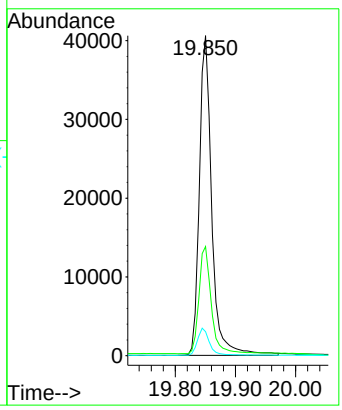
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

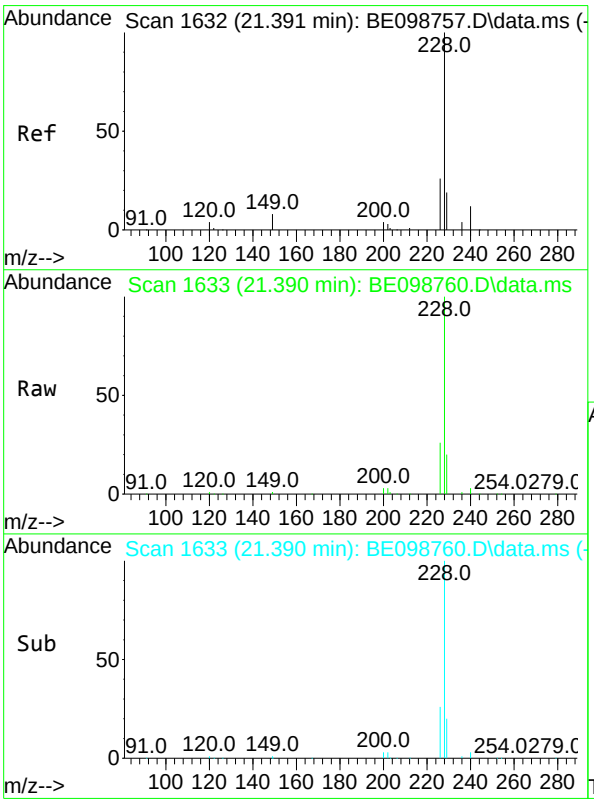


#29
Terphenyl-d14
Concen: 3.72 ng
RT: 19.850 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:244 Resp: 58012

Ion	Ratio	Lower	Upper
244	100		
212	34.1	29.4	44.2
122	7.5	7.1	10.7

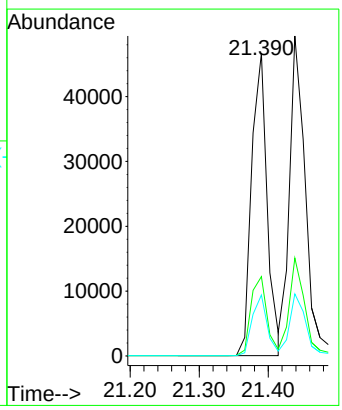




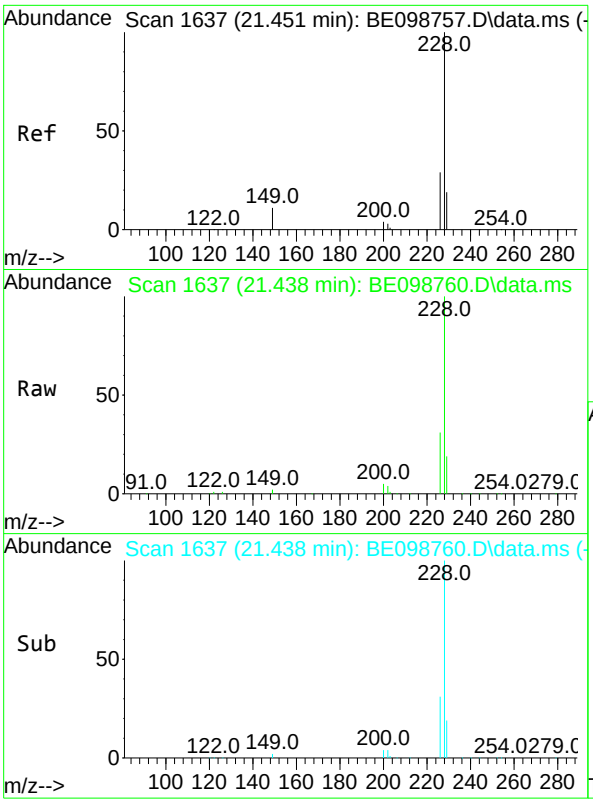
#30
Benzo(a)anthracene
Concen: 3.84 ng
RT: 21.390 min Scan# 1633
Delta R.T. -0.001 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:228 Resp: 72765

Ion	Ratio	Lower	Upper
228	100		
226	26.2	23.0	34.4
229	20.1	15.0	22.6



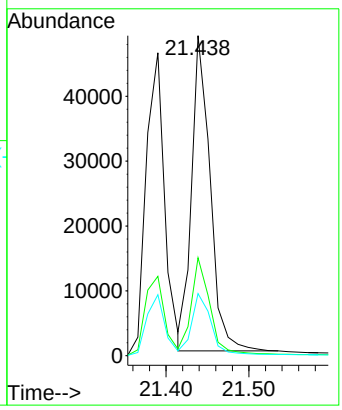
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

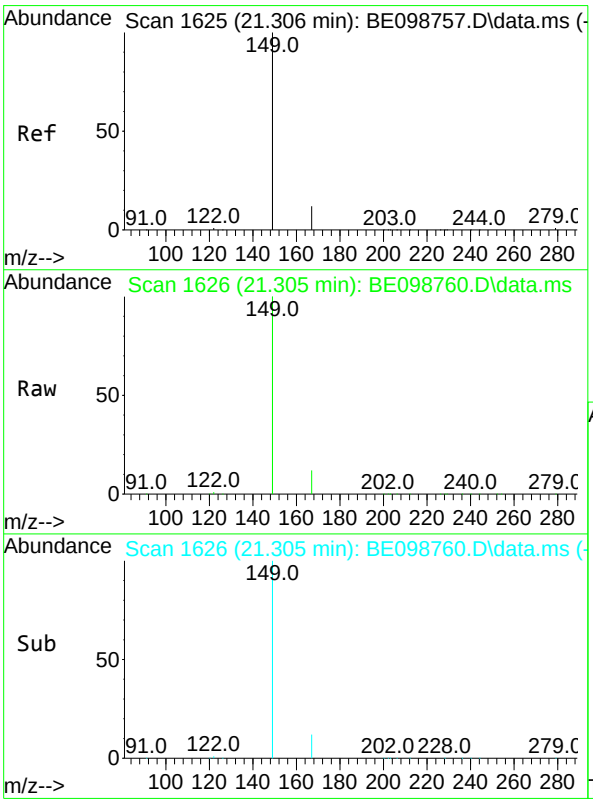


#31
Chrysene
Concen: 3.86 ng
RT: 21.438 min Scan# 1637
Delta R.T. -0.013 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:228 Resp: 75834

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	36.8
229	19.4	16.4	24.6

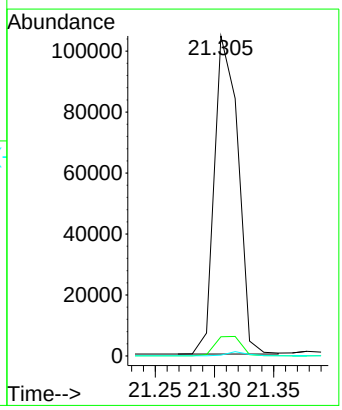




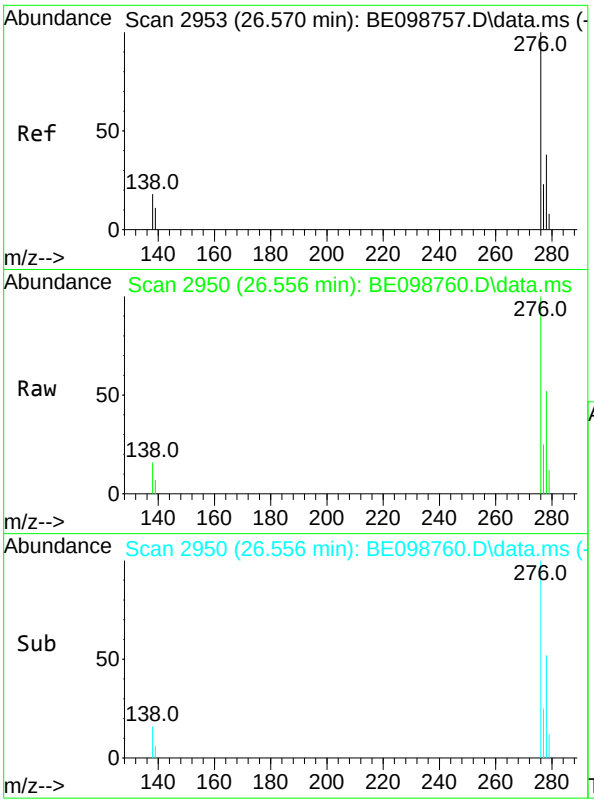
#32
Bis(2-ethylhexyl)phthalate
Concen: 3.62 ng
RT: 21.305 min Scan# 1626
Delta R.T. -0.001 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:149 Resp: 145488

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



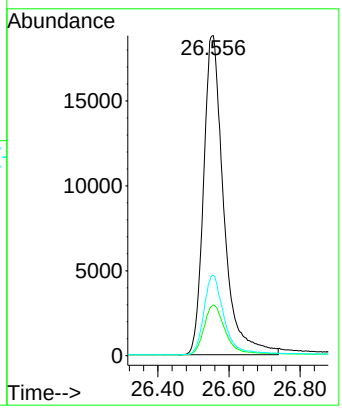
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

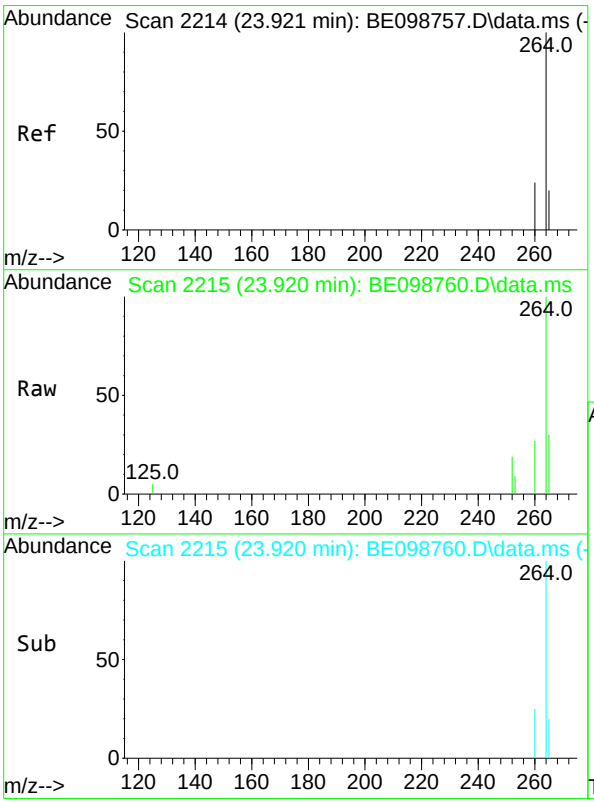


#33
Indeno(1,2,3-cd)pyrene
Concen: 3.65 ng
RT: 26.556 min Scan# 2950
Delta R.T. -0.014 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:276 Resp: 73935

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.3	19.9
277	25.1	19.4	29.0

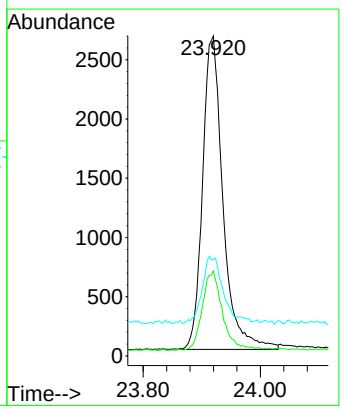




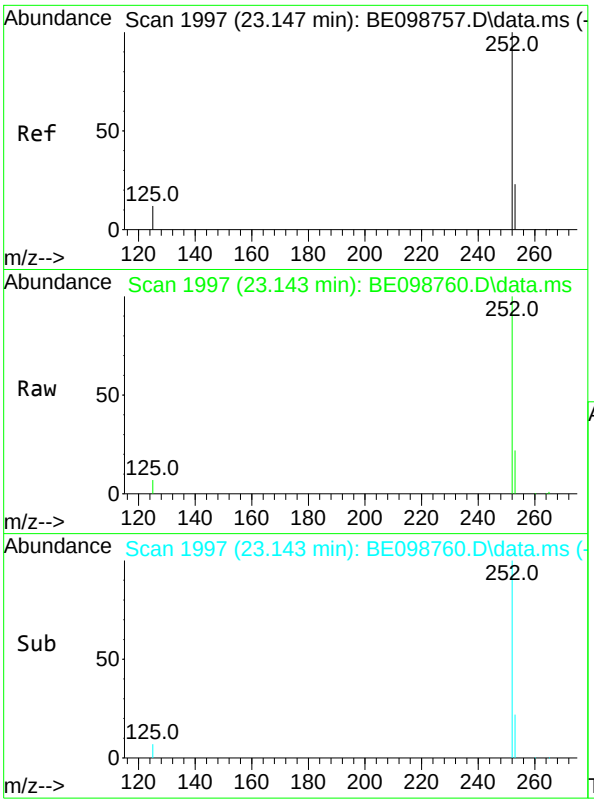
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.920 min Scan# 2215
Delta R.T. -0.001 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:264 Resp: 6407

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	30.2	22.3	33.5



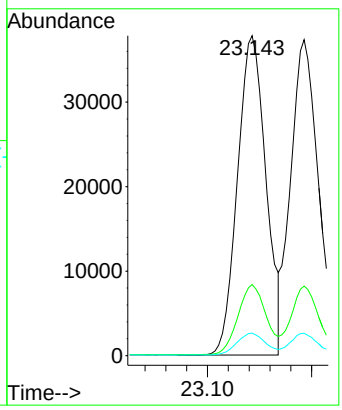
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

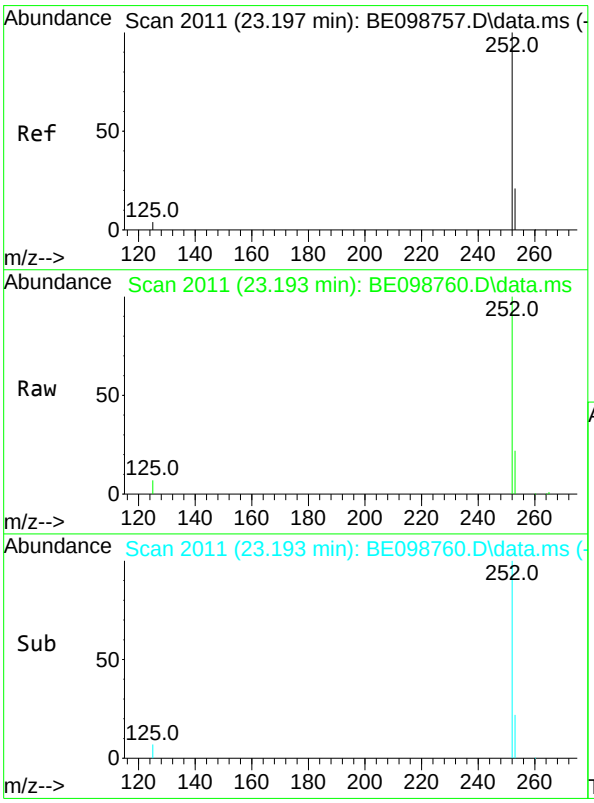


#35
Benzo(b)fluoranthene
Concen: 4.09 ng
RT: 23.143 min Scan# 1997
Delta R.T. -0.004 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:252 Resp: 71552

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.4	29.0
125	7.0	8.2	12.4#

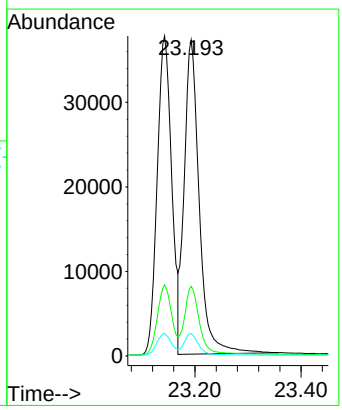




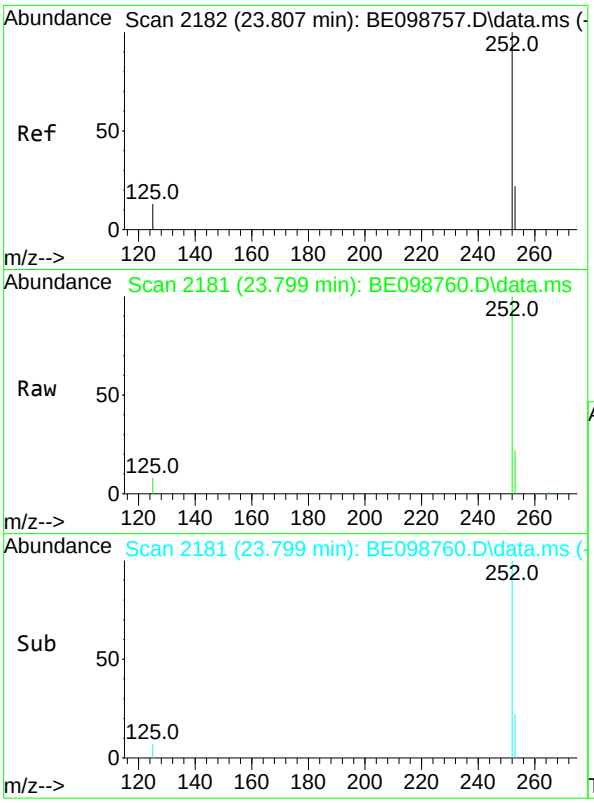
#36
Benzo(k)fluoranthene
Concen: 3.84 ng
RT: 23.193 min Scan# 2011
Delta R.T. -0.004 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:252 Resp: 73344

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.4
125	7.1	7.0	10.4



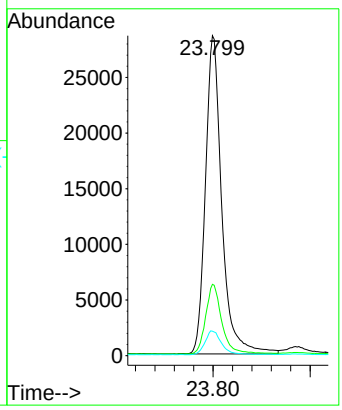
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

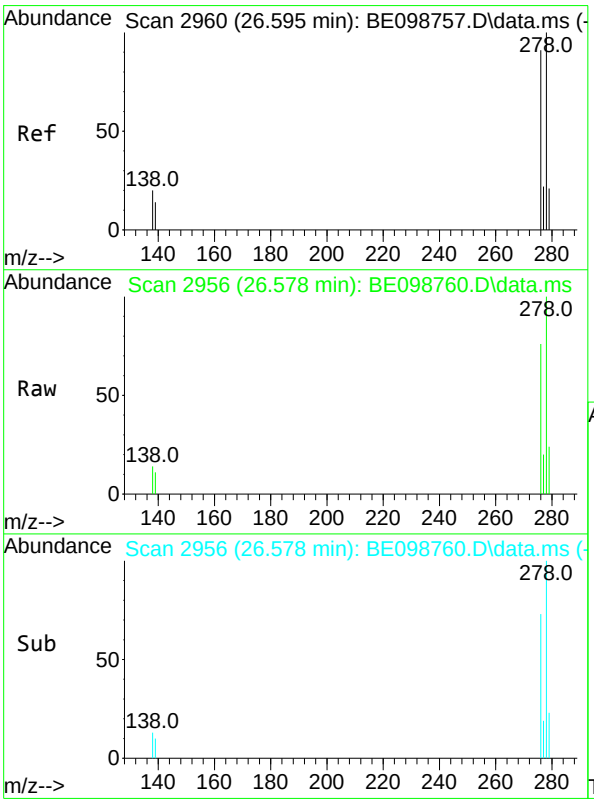


#37
Benzo(a)pyrene
Concen: 3.89 ng
RT: 23.799 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:252 Resp: 66823

Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.0	31.4
125	7.6	9.2	13.8#

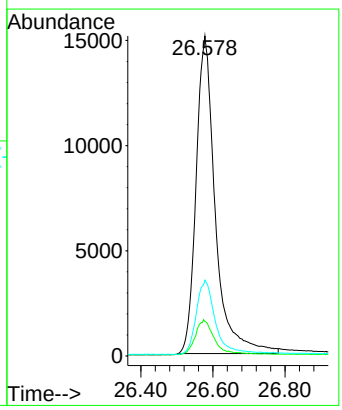


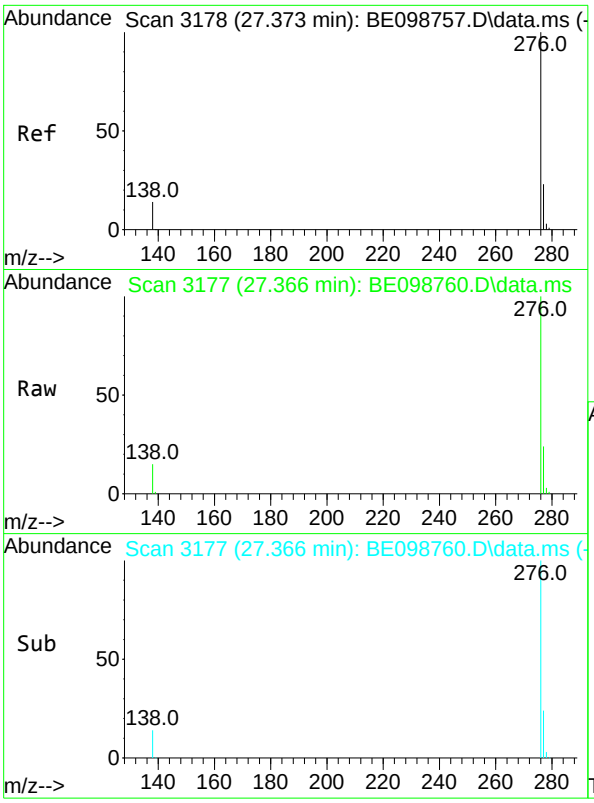


#38
Dibenzo(a,h)anthracene
Concen: 3.69 ng
RT: 26.578 min Scan# 2956
Delta R.T. -0.018 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:278 Resp: 56093

Ion	Ratio	Lower	Upper
278	100		
139	10.8	12.7	19.1#
279	23.7	22.0	33.0

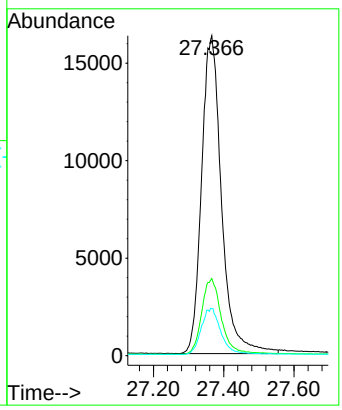




#39
Benzo(g,h,i)perylene
Concen: 3.85 ng
RT: 27.366 min Scan# 3177
Delta R.T. -0.007 min
Lab File: BE098760.D
Acq: 26 Feb 2019 14:34

Tgt Ion:276 Resp: 64229

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.3	30.5
138	14.7	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2