Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022019\
Data File : BE098740.D
Acq On : 20 Feb 2019 14:20
Operator : JU/SJ
Sample : K1528-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 20 15:07:20 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	7.807	152	1167	0.40	ng		0.00
7) Naphthalene-d8	10.601	136	4451	0.40	ng		# 0.00
13) Acenaphthene-d10	14.471	164	2585	0.40	ng		0.00
19) Phenanthrene-d10	17.215	188	5686	0.40	ng		#-0.01
27) Chrysene-d12	21.402	240	7153	0.40	ng		#-0.01
34) Perylene-d12	23.912	264	7040	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.389	112	3896	1.13	ng		-0.01
5) Phenol-d6	7.036	99	4422	0.87	ng		0.04
8) Nitrobenzene-d5	8.964	82	1906	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	12.194	152	3710	0.44	ng		-0.01
14) 2,4,6-Tribromophenol	15.970	330	630	0.55	ng		-0.01
15) 2-Fluorobiphenyl	13.088	172	3929	0.35	ng		-0.02
25) Fluoranthene-d10	19.254	212	33702	0.42	ng		0.00
29) Terphenyl-d14	19.851	244	10373	0.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	272	0.04	ng	#	45
3) n-Nitrosodimethylamine	3.615	42	6862	2.20	ng	#	13
6) bis(2-Chloroethyl)ether	7.197	93	18561	5.38	ng	#	1
9) Naphthalene	10.666	128	18707097	366.78	ng		100
10) Hexachlorobutadiene	10.926	225	1189	0.35	ng		96
12) 2-Methylnaphthalene	12.281	142	749229	88.46	ng		97
16) Acenaphthylene	14.183	152	5429	0.41	ng	#	90
17) Acenaphthene	14.528	154	3562	0.45	ng		99
18) Fluorene	15.515	166	5048	0.47	ng	#	98
20) 4-Bromophenyl-phenylether	16.412	248	1399	0.42	ng		92
21) Hexachlorobenzene	16.532	284	1432	0.36	ng		94
22) Pentachlorophenol	16.880	266	1617	1.60	ng		94
23) Phenanthrene	17.349	178	7525	0.48	ng		95
24) Anthracene	17.349	178	6718	0.49	ng		99
26) Fluoranthene	19.283	202	8264	0.41	ng		97
28) Pyrene	19.645	202	8668	0.38	ng		98
30) Benzo(a)anthracene	21.390	228	8883	0.41	ng	#	90
31) Chrysene	21.438	228	8748	0.37	ng	#	88
32) Bis(2-ethylhexyl)phtha...	21.317	149	20352	0.51	ng		98
33) Indeno(1,2,3-cd)pyrene	26.556	276	8176	0.33	ng		98
35) Benzo(b)fluoranthene	23.146	252	8166	0.36	ng	#	84
36) Benzo(k)fluoranthene	23.196	252	8279	0.34	ng	#	84
37) Benzo(a)pyrene	23.802	252	8089	0.37	ng	#	88
38) Dibenzo(a,h)anthracene	26.581	278	6552	0.32	ng		92
39) Benzo(g,h,i)perylene	27.376	276	7112	0.32	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022019\
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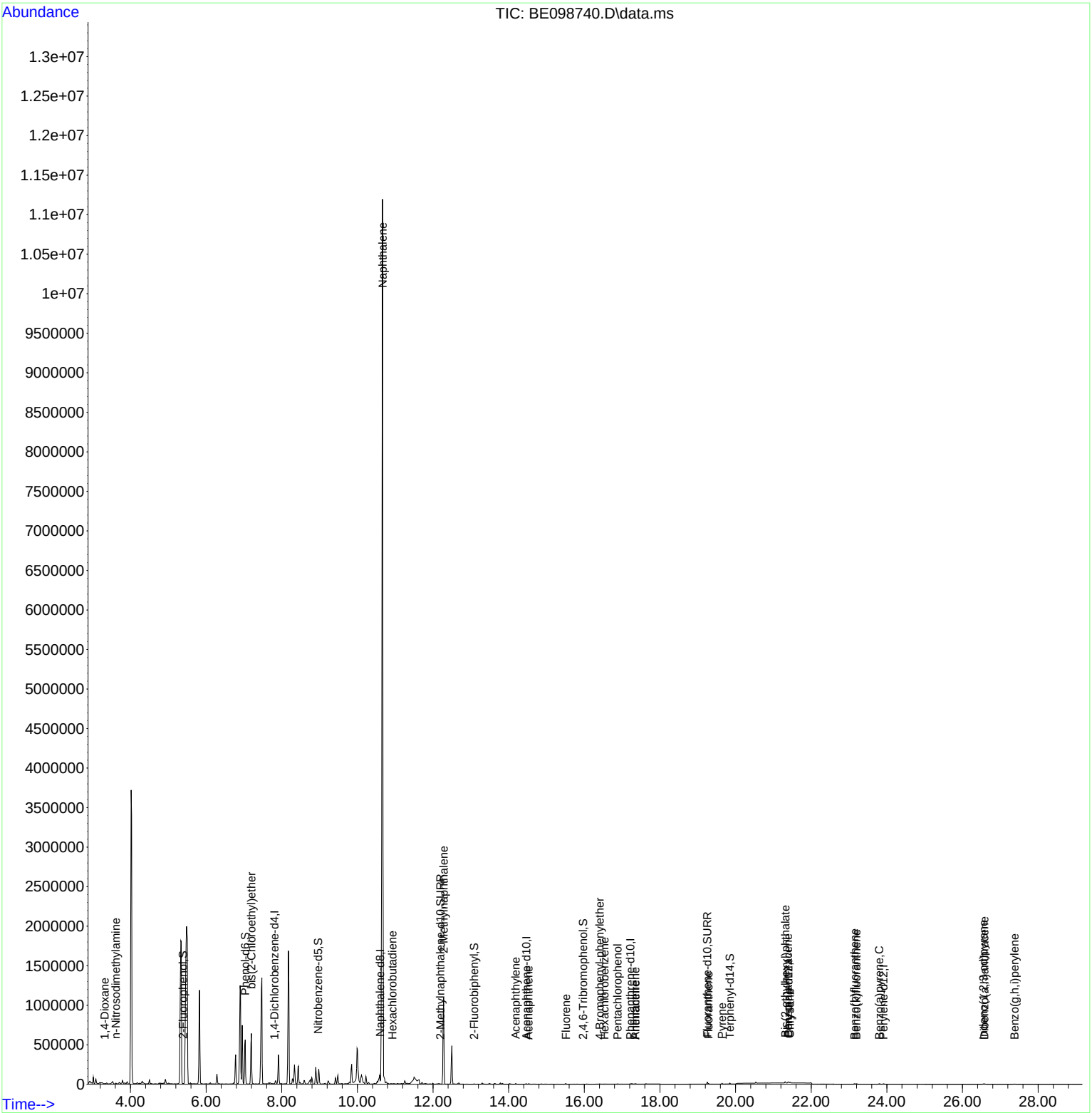
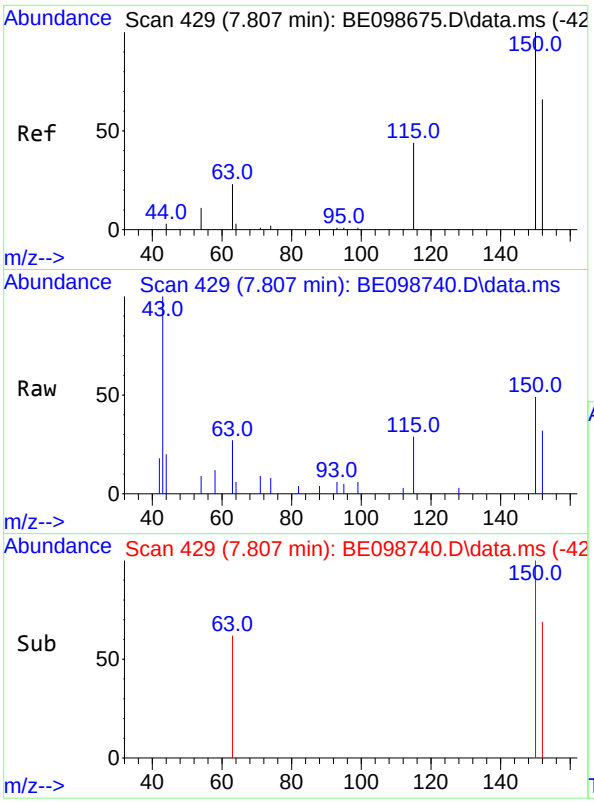
Acq On : 20 Feb 2019 14:20
Operator : JU/SJ
Sample : K1528-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 20 15:07:20 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

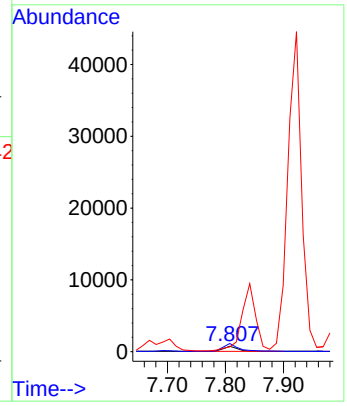




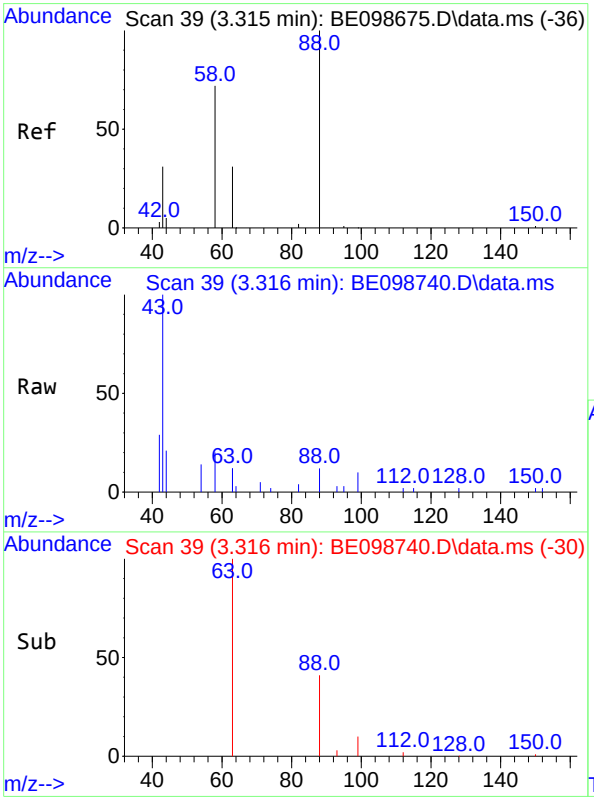
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.807 min Scan# 429
Delta R.T. 0.000 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:152 Resp: 1167

Ion	Ratio	Lower	Upper
152	100		
150	151.9	121.4	182.2
115	88.4	59.1	88.7



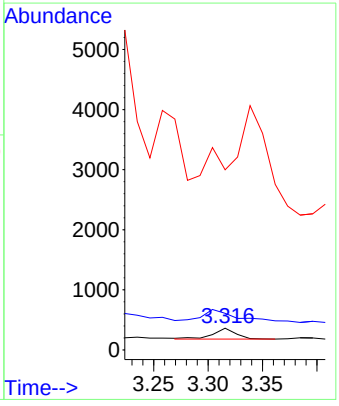
Instrument :
BNA_E
ClientSampleId :



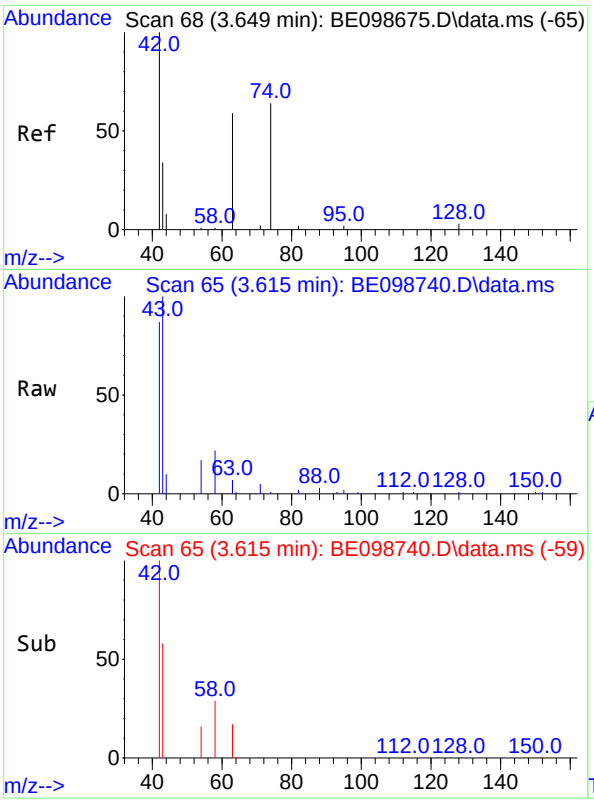
#2
1,4-Dioxane
Concen: 0.04 ng
RT: 3.316 min Scan# 39
Delta R.T. 0.001 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion: 88 Resp: 272

Ion	Ratio	Lower	Upper
88	100		
58	133.8	73.9	110.9#
43	0.0	43.7	65.5#



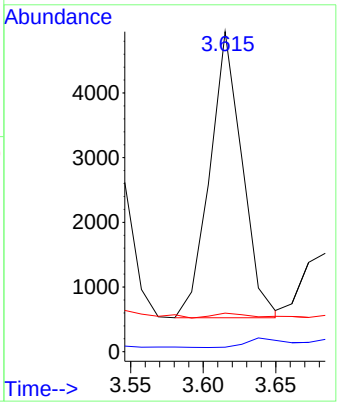
Instrument :
BNA_E
ClientSampleId :

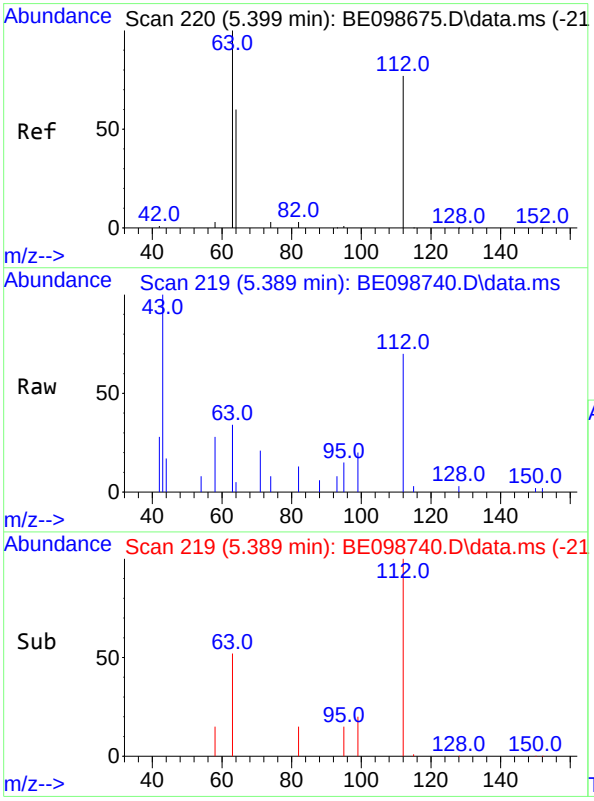


#3
n-Nitrosodimethylamine
Concen: 2.20 ng
RT: 3.615 min Scan# 65
Delta R.T. -0.034 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion: 42 Resp: 6862

Ion	Ratio	Lower	Upper
42	100		
74	0.0	58.9	88.3#
44	2.3	0.0	0.0#

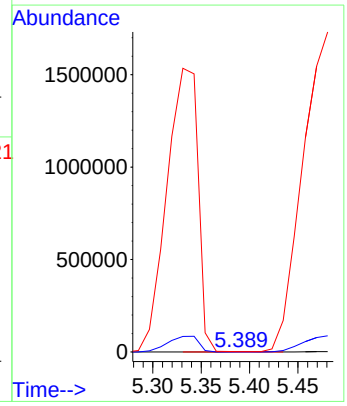




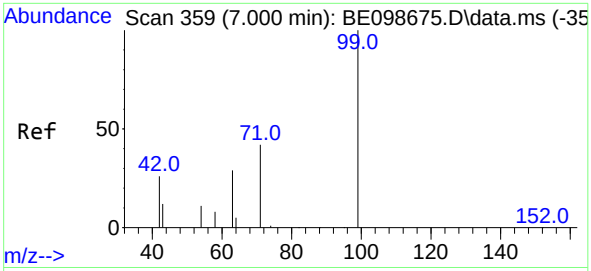
#4
2-Fluorophenol
Concen: 1.13 ng
RT: 5.389 min Scan# 219
Delta R.T. -0.010 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:112 Resp: 3896

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



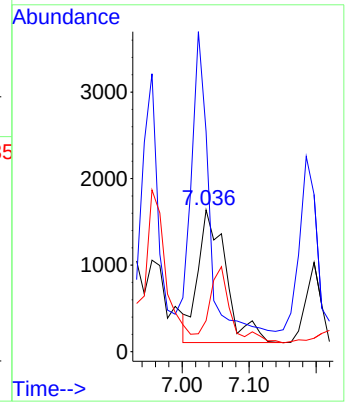
Instrument :
BNA_E
ClientSampleId :

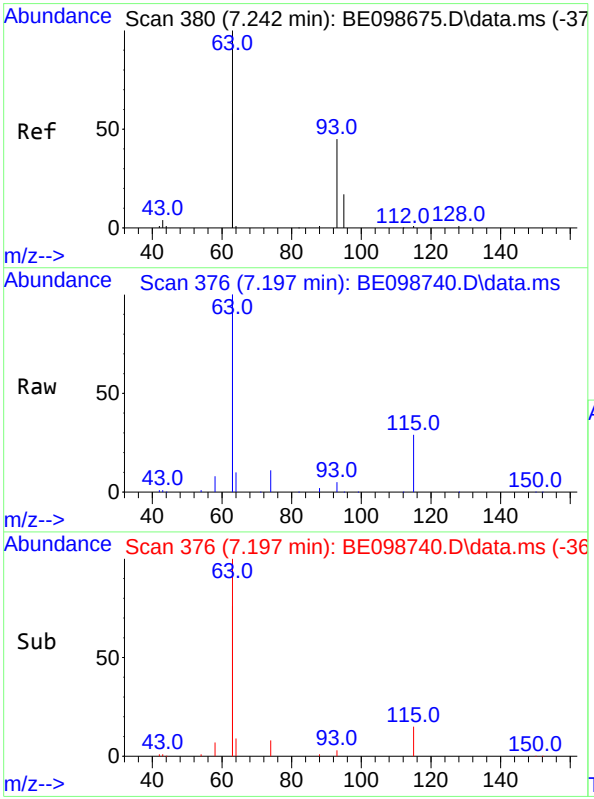


#5
Phenol-d6
Concen: 0.87 ng
RT: 7.036 min Scan# 362
Delta R.T. 0.036 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion: 99 Resp: 4422

Ion	Ratio	Lower	Upper
99	100		
42	137.1	24.6	37.0#
71	0.0	35.1	52.7#

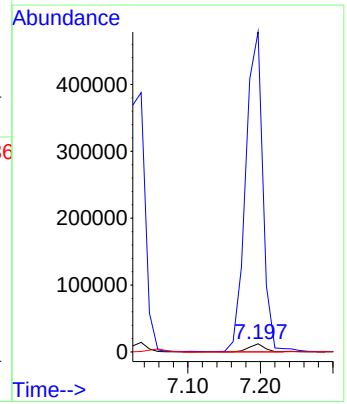




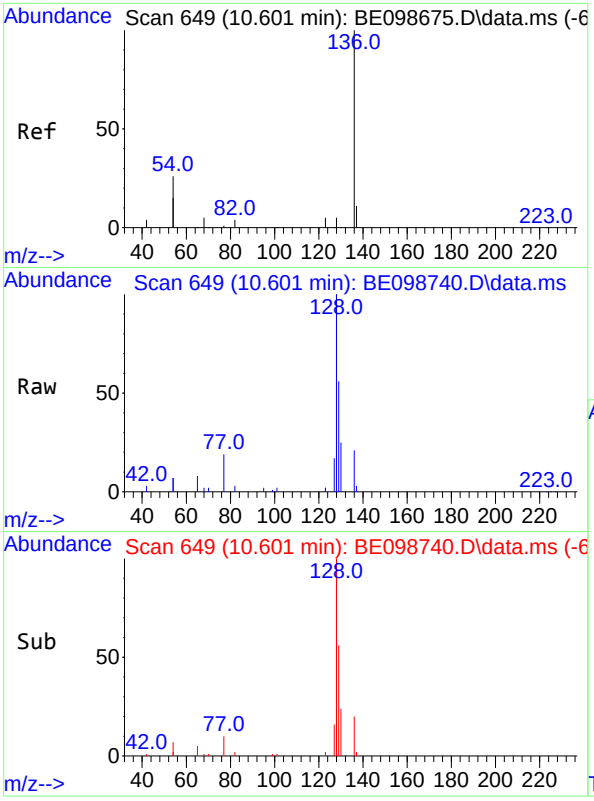
#6
bis(2-Chloroethyl)ether
Concen: 5.38 ng
RT: 7.197 min Scan# 376
Delta R.T. -0.045 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion: 93 Resp: 18561

Ion	Ratio	Lower	Upper
93	100		
63	4248.1	267.3	400.9#
95	0.0	26.2	39.4#



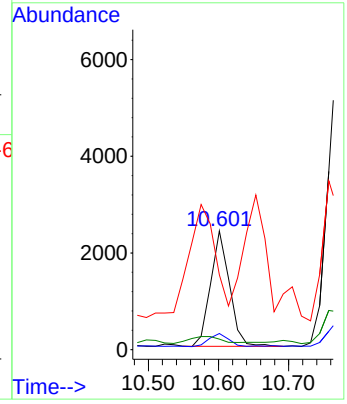
Instrument :
BNA_E
ClientSampleId :

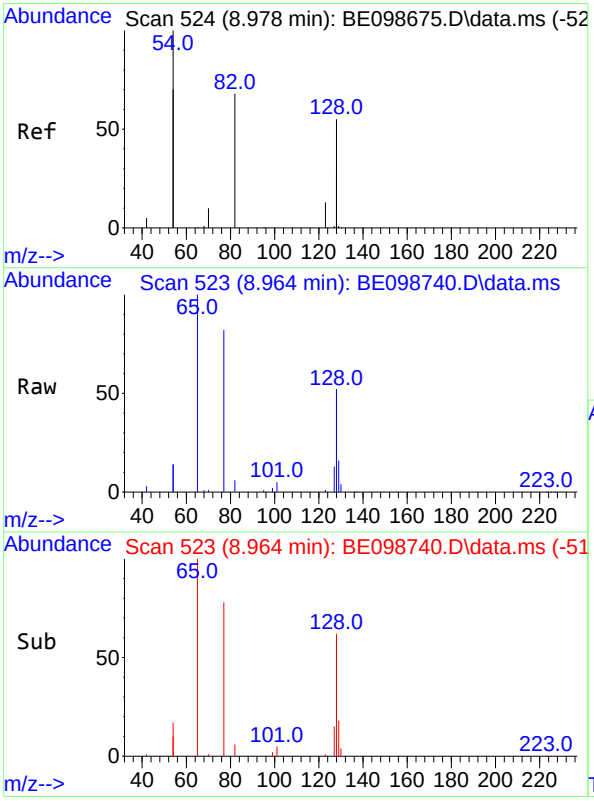


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. 0.000 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:136 Resp: 4451

Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.7	14.5
54	63.1	35.5	53.3#
68	8.9	5.0	7.6#

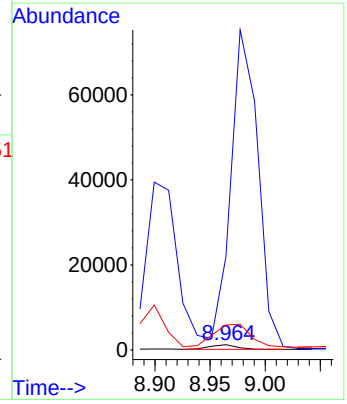


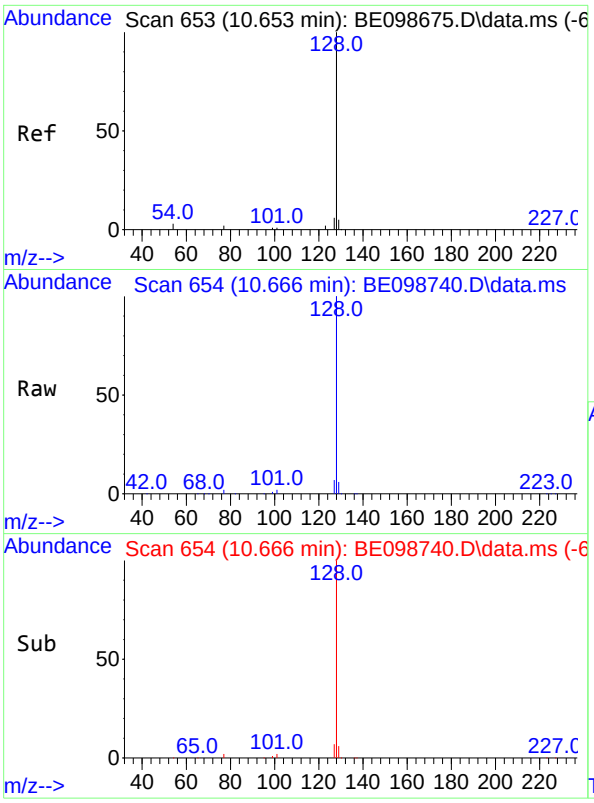


#8
Nitrobenzene-d5
Concen: 0.43 ng
RT: 8.964 min Scan# 523
Delta R.T. -0.014 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion: 82 Resp: 1906

Ion	Ratio	Lower	Upper
82	100		
128	1784.6	96.5	144.7#
54	477.9	224.7	337.1#

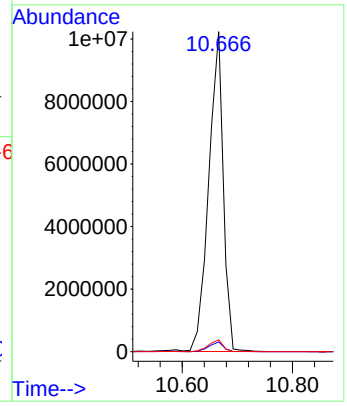




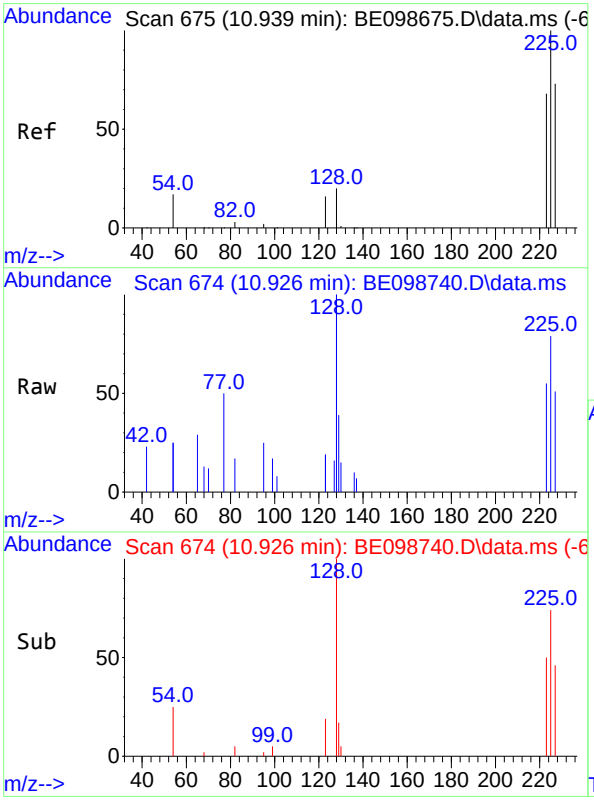
#9
Naphthalene
Concen: 366.78 ng
RT: 10.666 min Scan# 654
Delta R.T. 0.013 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:128 Resp:18707097

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



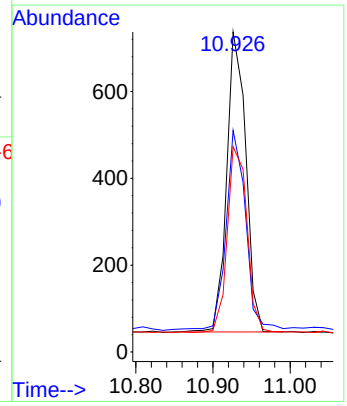
Instrument :
BNA_E
ClientSampleId :

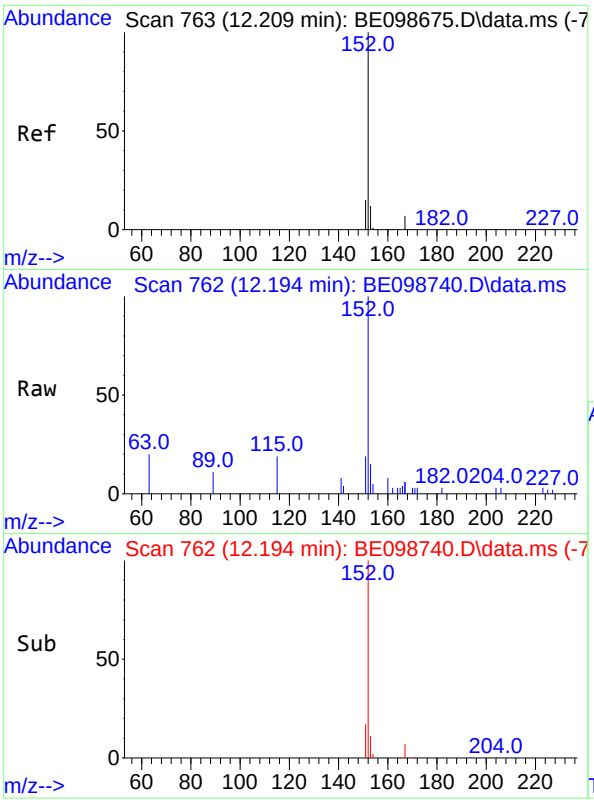


#10
Hexachlorobutadiene
Concen: 0.35 ng
RT: 10.926 min Scan# 674
Delta R.T. -0.013 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:225 Resp: 1189

Ion	Ratio	Lower	Upper
225	100		
223	66.0	47.8	71.8
227	63.8	50.5	75.7

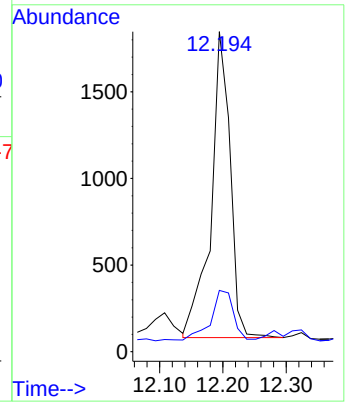




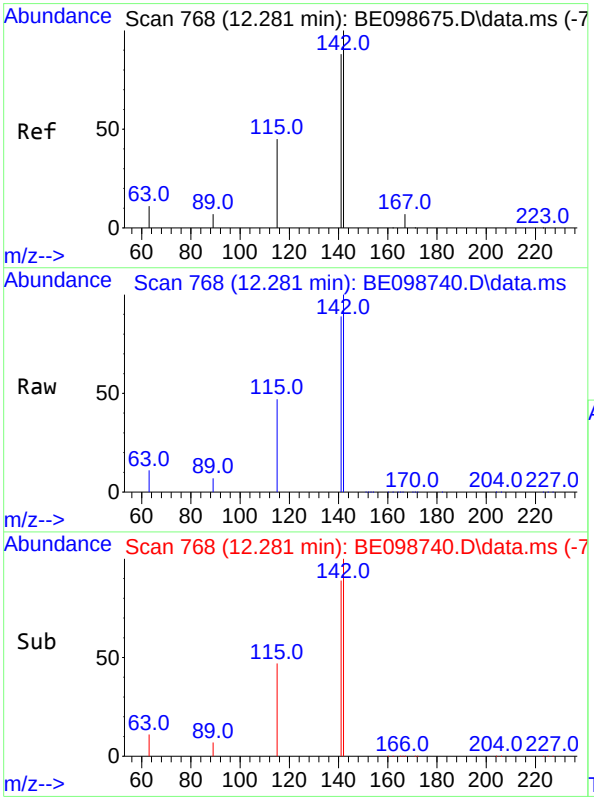
#11
2-Methylnaphthalene-d10
Concen: 0.44 ng
RT: 12.194 min Scan# 762
Delta R.T. -0.015 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:152 Resp: 3710

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.2	24.4



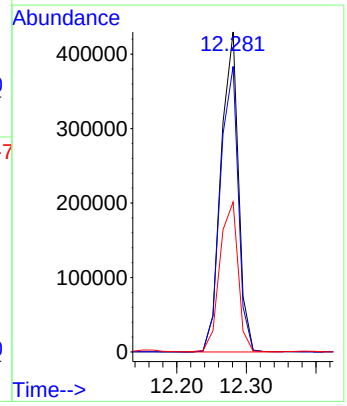
Instrument :
BNA_E
ClientSampleId :



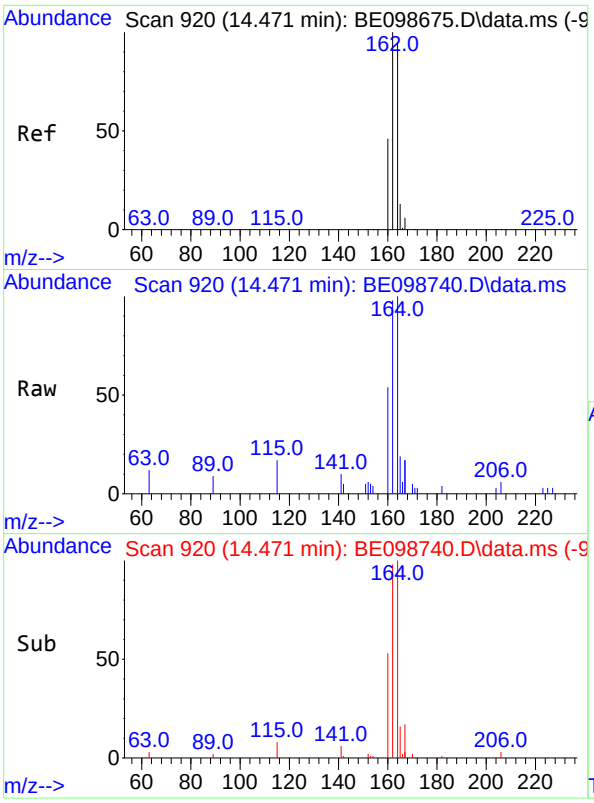
#12
2-Methylnaphthalene
Concen: 88.46 ng
RT: 12.281 min Scan# 768
Delta R.T. -0.000 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:142 Resp: 749229

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.0	105.0
115	46.8	35.2	52.8



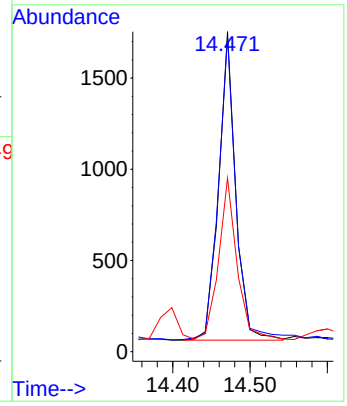
Instrument :
BNA_E
ClientSampleId :

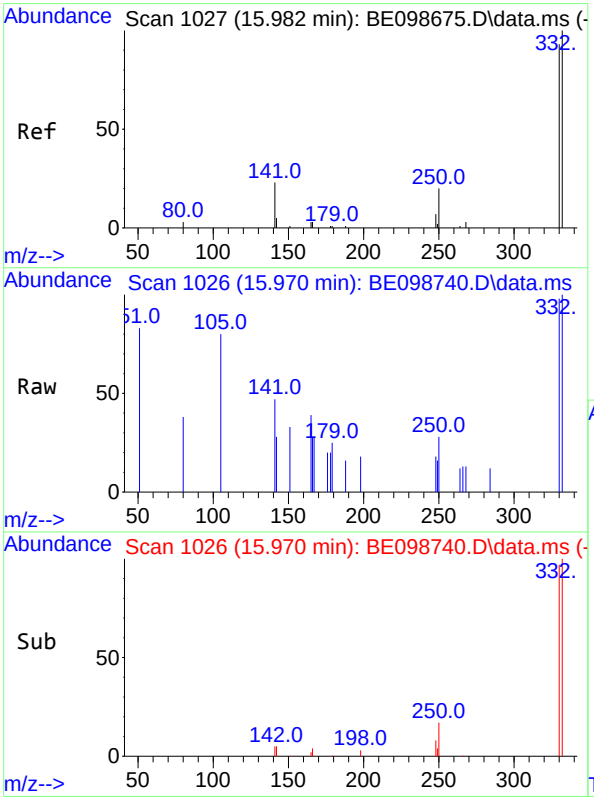


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:164 Resp: 2585

Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.5	120.7
160	54.2	40.1	60.1

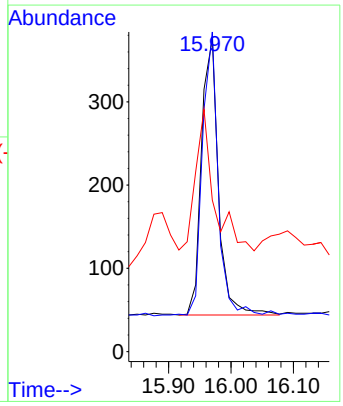


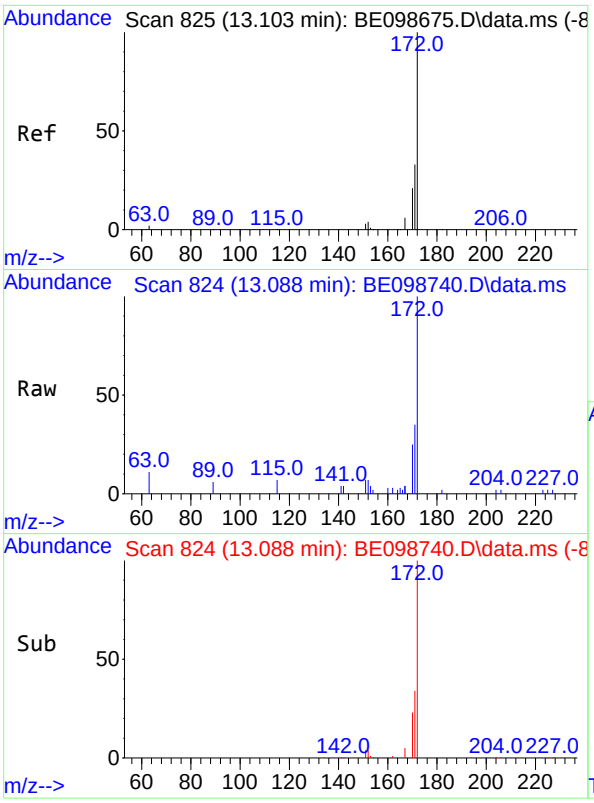


#14
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 15.970 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:330 Resp: 630

Ion	Ratio	Lower	Upper
330	100		
332	93.7	73.3	109.9
141	54.6	33.1	49.7#

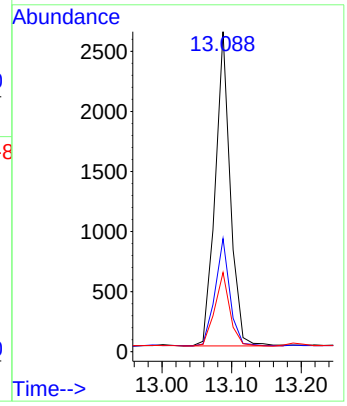


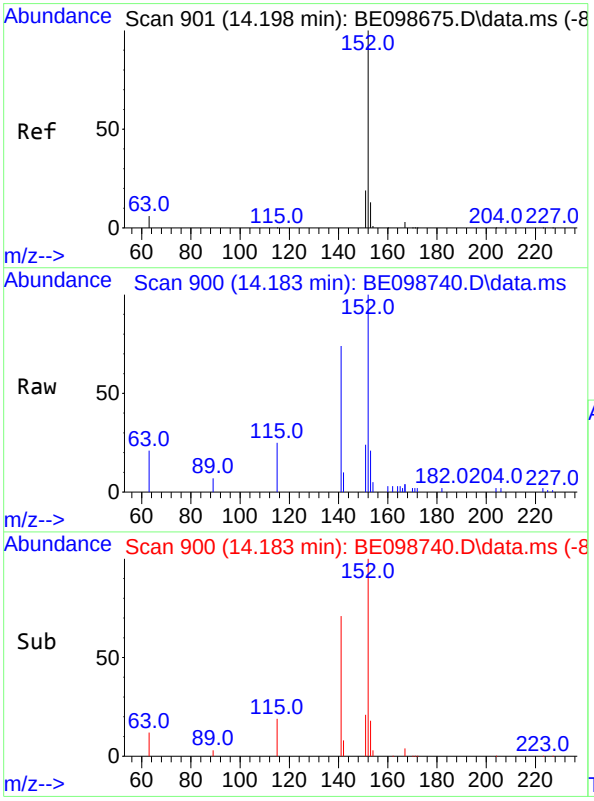


#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.088 min Scan# 824
Delta R.T. -0.015 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:172 Resp: 3929

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	24.7	20.8	31.2

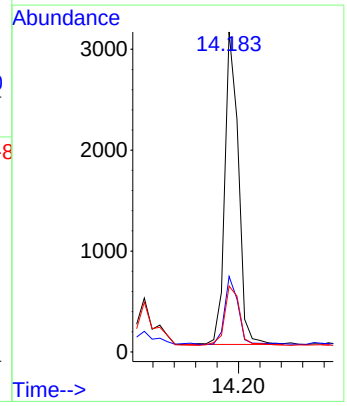




#16
Acenaphthylene
Concen: 0.41 ng
RT: 14.183 min Scan# 900
Delta R.T. -0.015 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

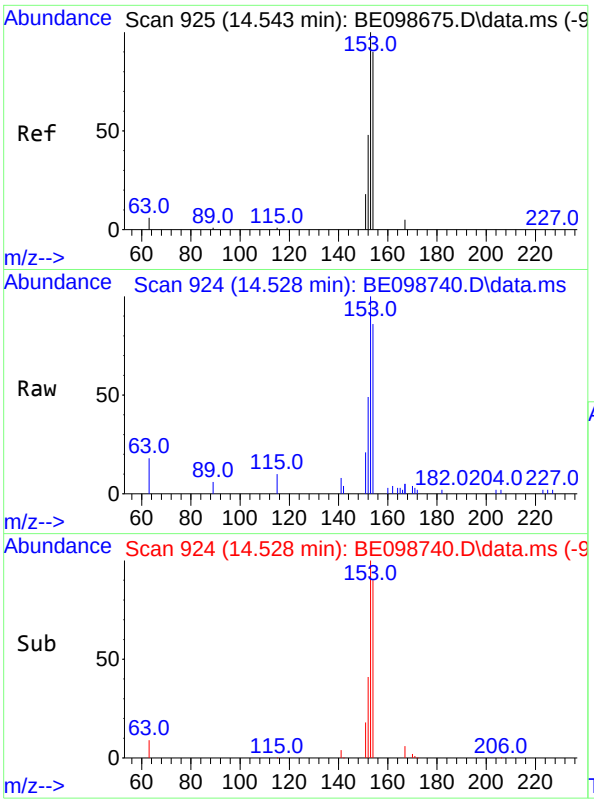
Tgt Ion:152 Resp: 5429

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.3	24.5
153	21.1	10.7	16.1#



Instrument :
BNA_E
ClientSampleId :

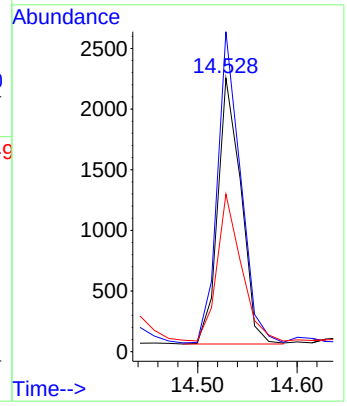
Instrument :
BNA_E
ClientSampleId :

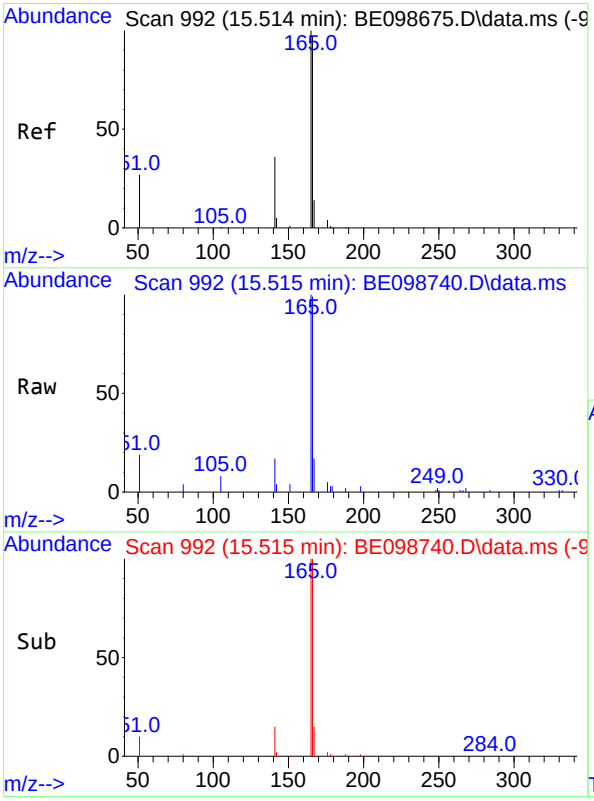


#17
Acenaphthene
Concen: 0.45 ng
RT: 14.528 min Scan# 924
Delta R.T. -0.015 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:154 Resp: 3562

Ion	Ratio	Lower	Upper
154	100		
153	116.3	93.9	140.9
152	57.5	45.8	68.8

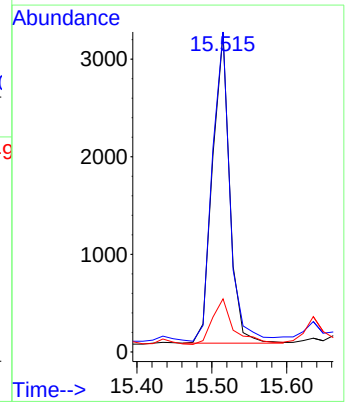




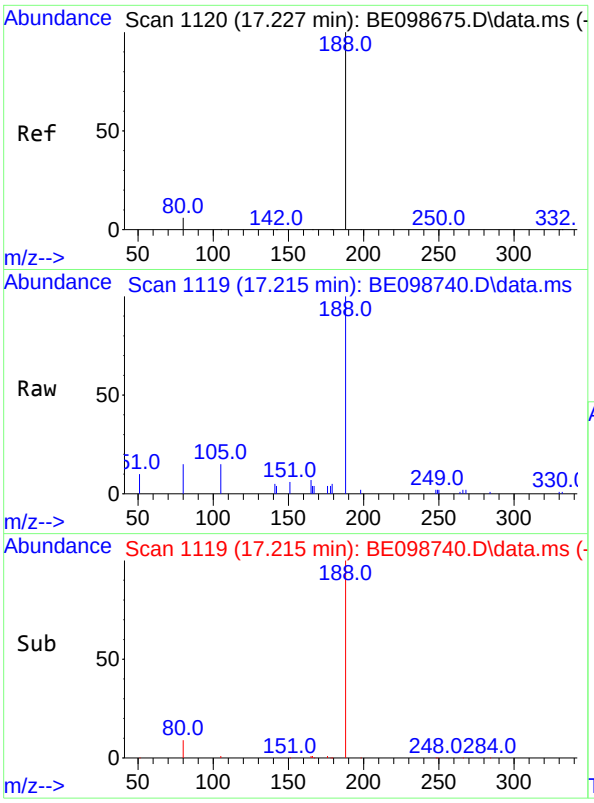
#18
Fluorene
Concen: 0.47 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:166 Resp: 5048

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.3	118.9
167	18.2	10.6	15.8#



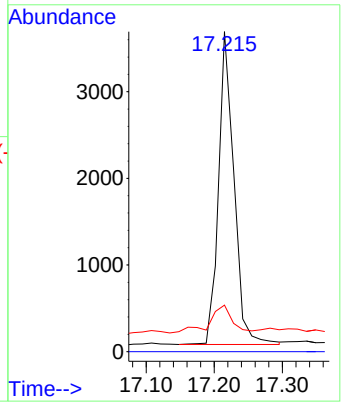
Instrument :
BNA_E
ClientSampleId :

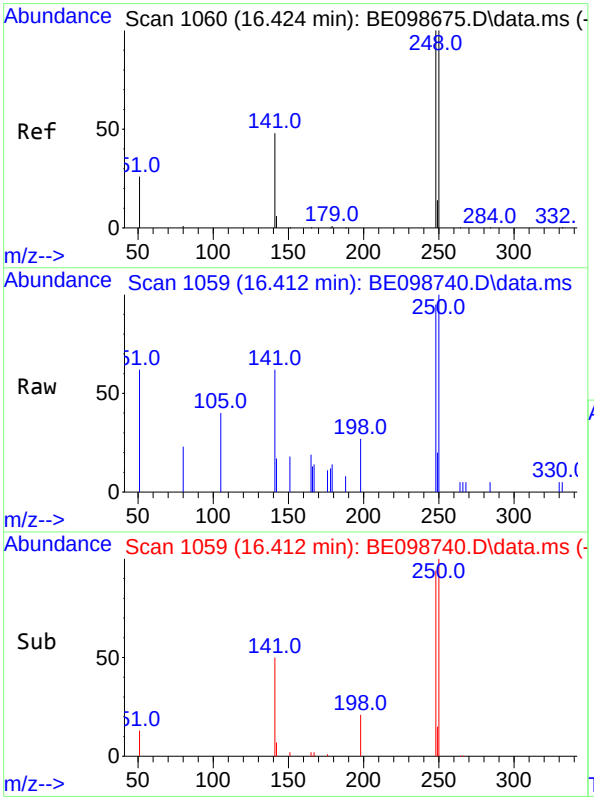


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.215 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:188 Resp: 5686

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	4.7	7.1#

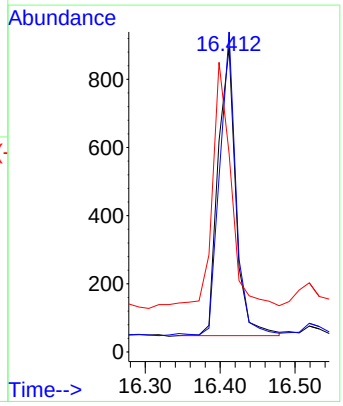




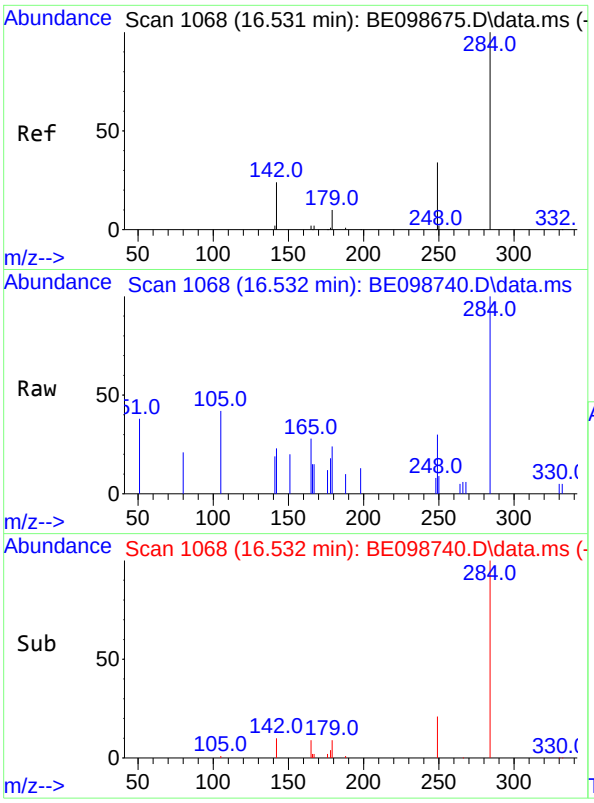
#20
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.412 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:248 Resp: 1399

Ion	Ratio	Lower	Upper
248	100		
250	105.3	80.2	120.4
141	65.2	60.5	90.7



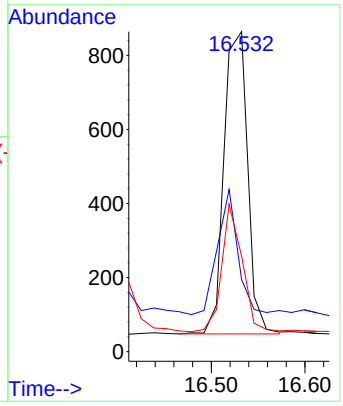
Instrument :
BNA_E
ClientSampleId :

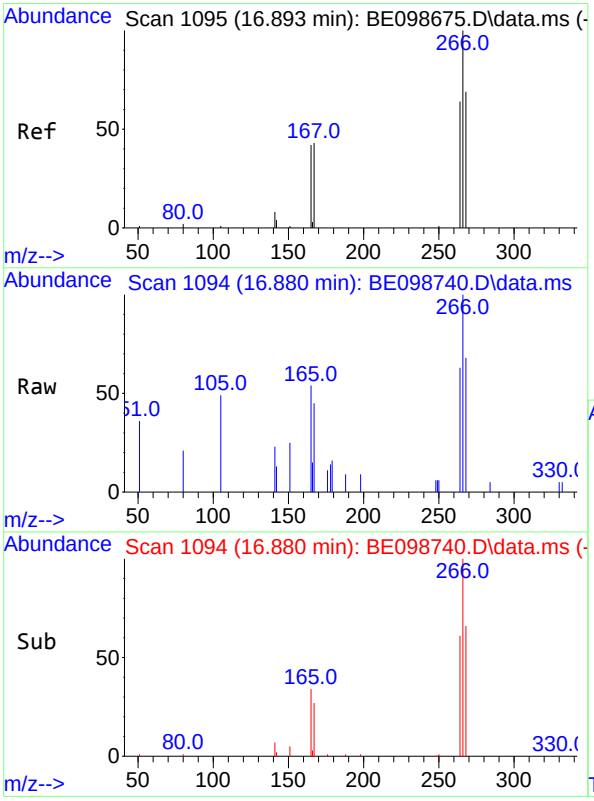


#21
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.532 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:284 Resp: 1432

Ion	Ratio	Lower	Upper
284	100		
142	35.6	25.5	38.3
249	36.2	26.6	39.8

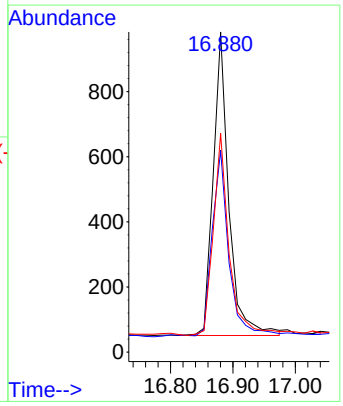




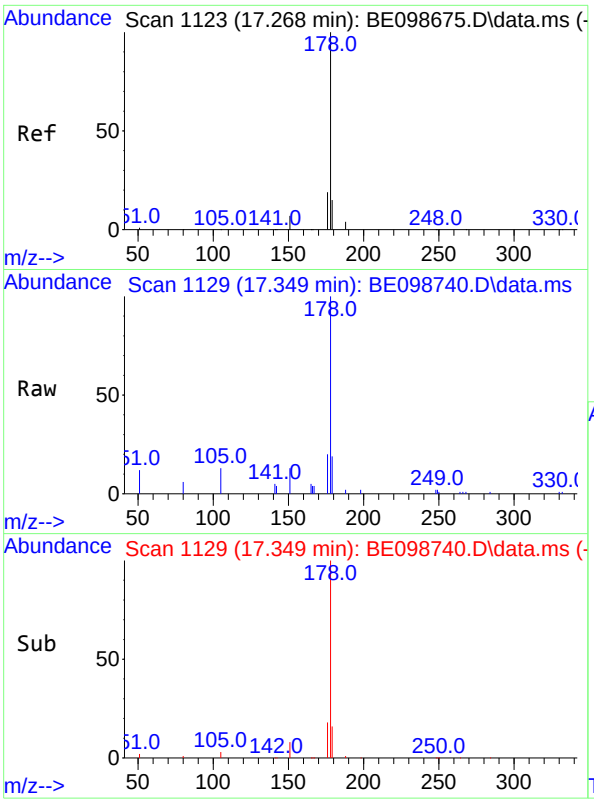
#22
Pentachlorophenol
Concen: 1.60 ng
RT: 16.880 min Scan# 1094
Delta R.T. -0.013 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:266 Resp: 1617

Ion	Ratio	Lower	Upper
266	100		
264	63.1	53.7	80.5
268	68.4	59.8	89.8



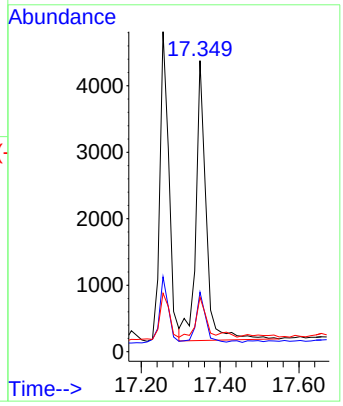
Instrument :
BNA_E
ClientSampleId :

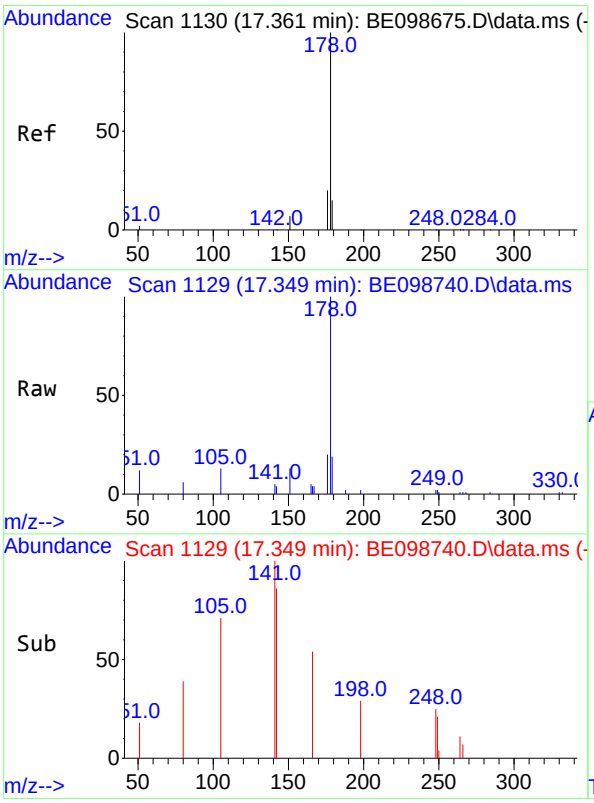


#23
Phenanthrene
Concen: 0.48 ng
RT: 17.349 min Scan# 1129
Delta R.T. 0.081 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:178 Resp: 7525

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.9	23.9
179	13.7	12.2	18.4

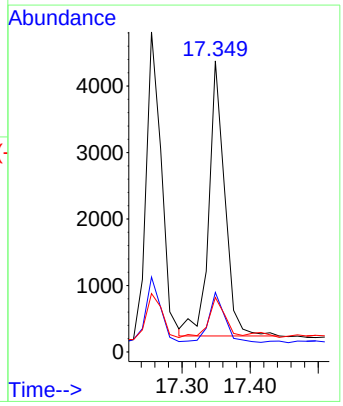


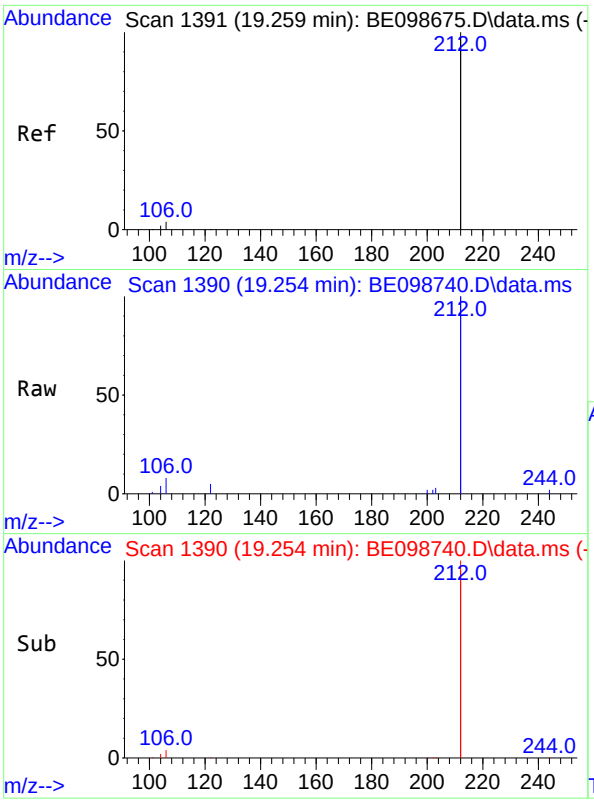


#24
Anthracene
Concen: 0.49 ng
RT: 17.349 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:178 Resp: 6718

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	15.3	11.8	17.8

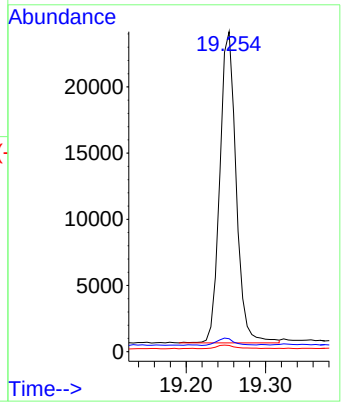




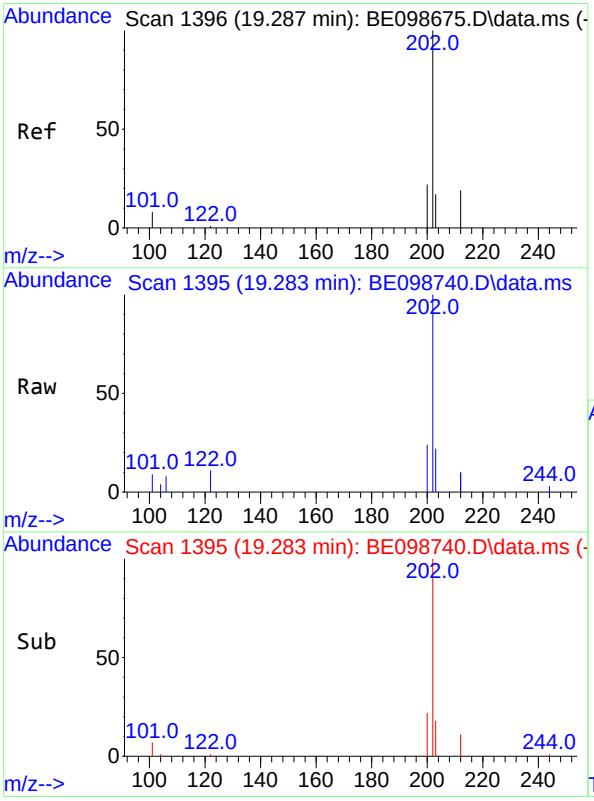
#25
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.254 min Scan# 1390
Delta R.T. -0.005 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:212 Resp: 33702

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.7	2.5#
104	1.5	1.0	1.6



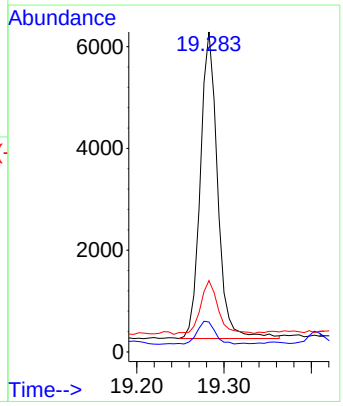
Instrument :
BNA_E
ClientSampleId :



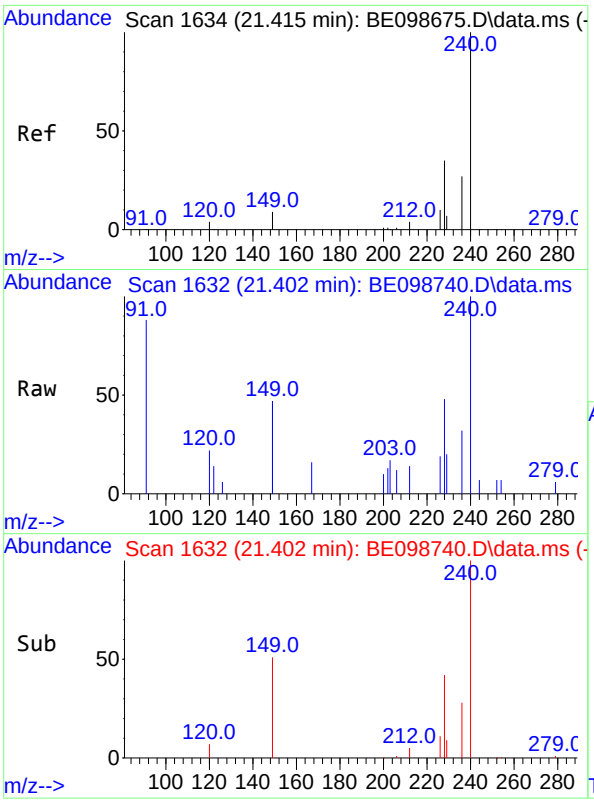
#26
Fluoranthene
Concen: 0.41 ng
RT: 19.283 min Scan# 1395
Delta R.T. -0.004 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:202 Resp: 8264

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.7	10.1
203	18.4	13.3	19.9



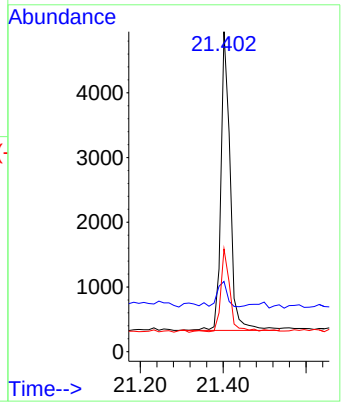
Instrument :
BNA_E
ClientSampleId :

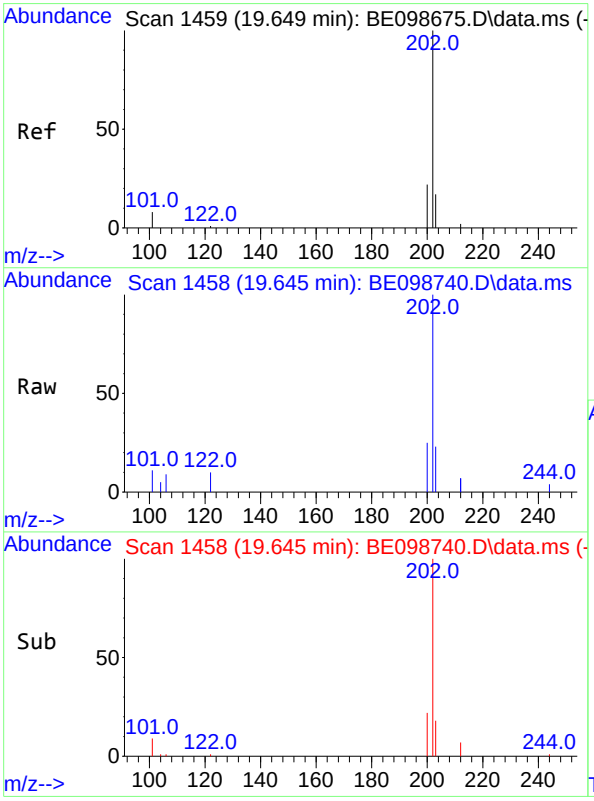


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.402 min Scan# 1632
Delta R.T. -0.013 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:240 Resp: 7153

Ion	Ratio	Lower	Upper
240	100		
120	22.0	4.7	7.1#
236	32.1	21.9	32.9

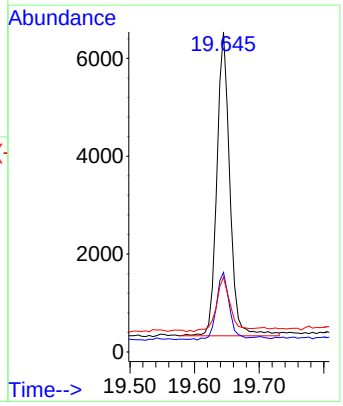




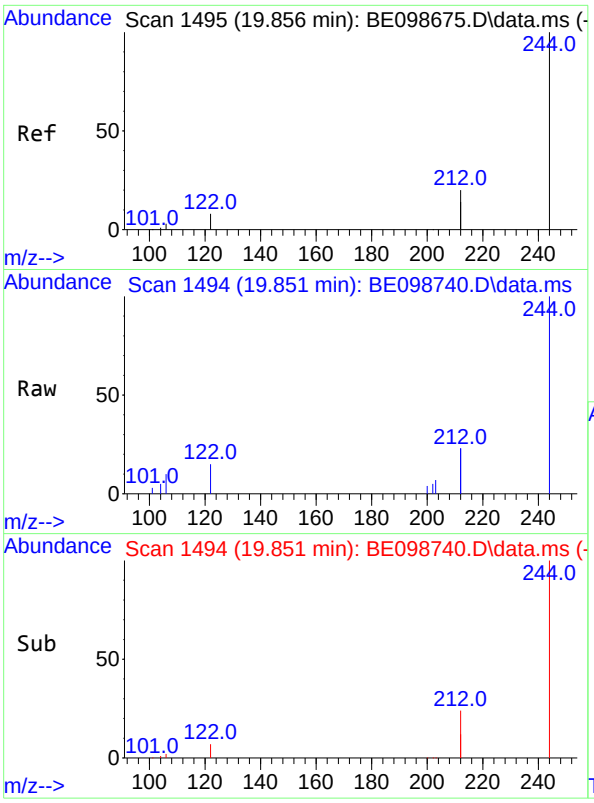
#28
Pyrene
Concen: 0.38 ng
RT: 19.645 min Scan# 1458
Delta R.T. -0.004 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:202 Resp: 8668

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	19.2	13.8	20.8



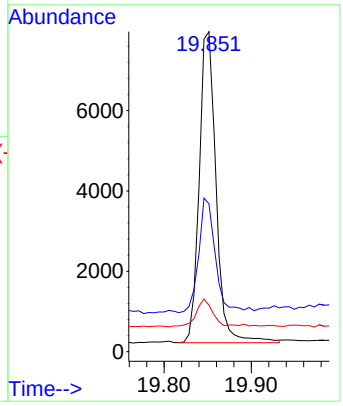
Instrument :
BNA_E
ClientSampleId :

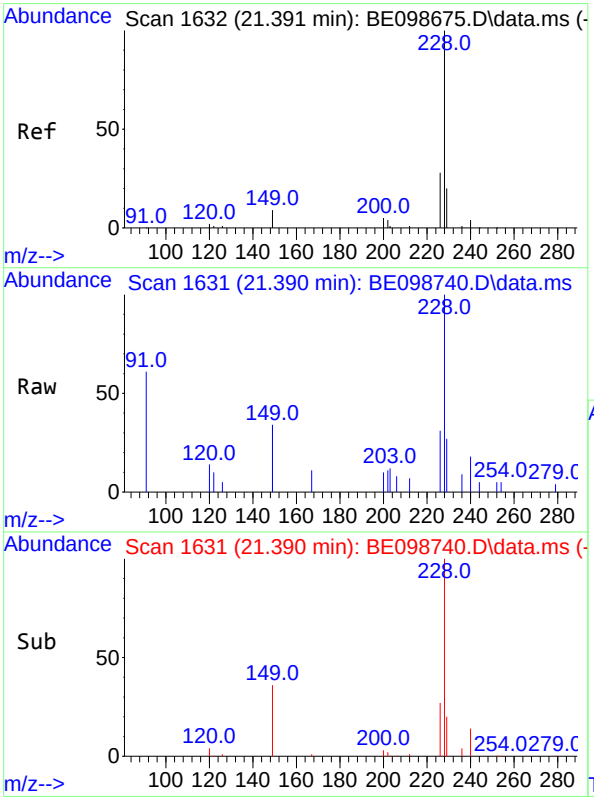


#29
Terphenyl-d14
Concen: 0.58 ng
RT: 19.851 min Scan# 1494
Delta R.T. -0.005 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:244 Resp: 10373

Ion	Ratio	Lower	Upper
244	100		
212	46.2	29.4	44.2#
122	14.5	7.1	10.7#

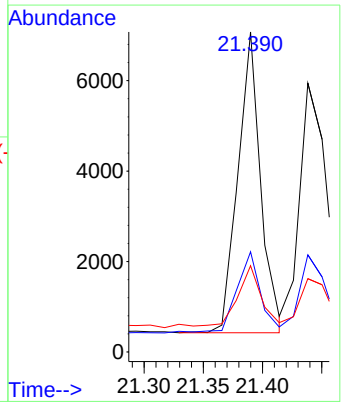


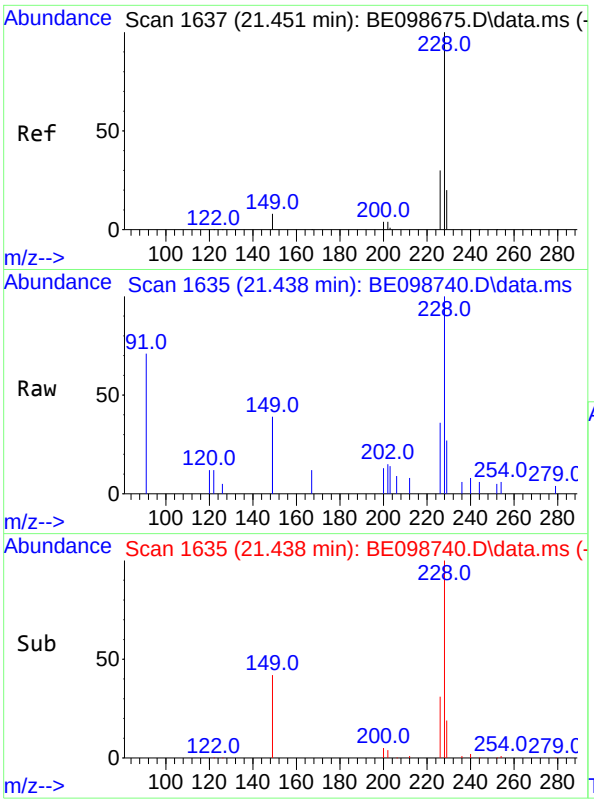


#30
Benzo(a)anthracene
Concen: 0.41 ng
RT: 21.390 min Scan# 1631
Delta R.T. -0.001 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:228 Resp: 8883

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.0	34.4
229	27.0	15.0	22.6#

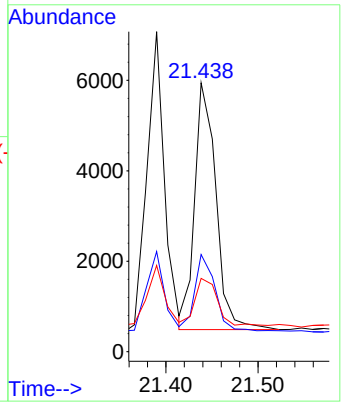




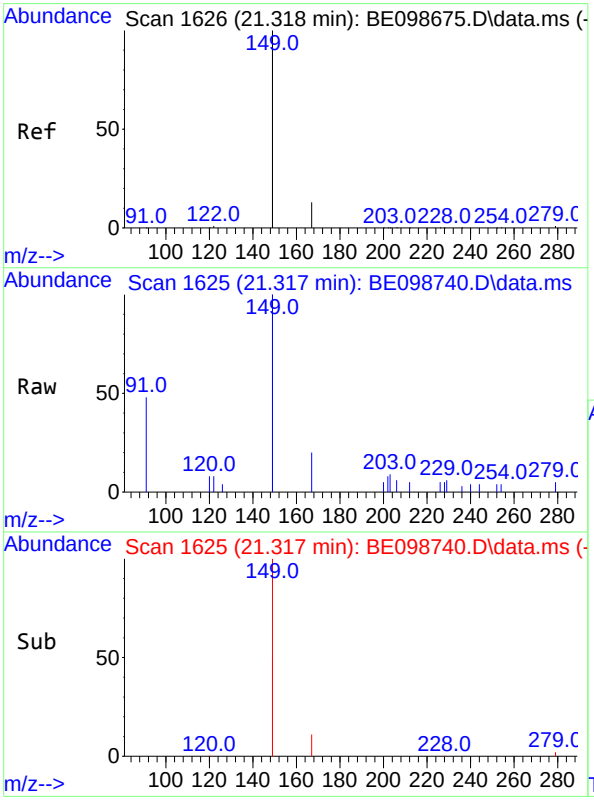
#31
Chrysene
Concen: 0.37 ng
RT: 21.438 min Scan# 1635
Delta R.T. -0.013 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:228 Resp: 8748

Ion	Ratio	Lower	Upper
228	100		
226	36.1	24.6	36.8
229	27.2	16.4	24.6#



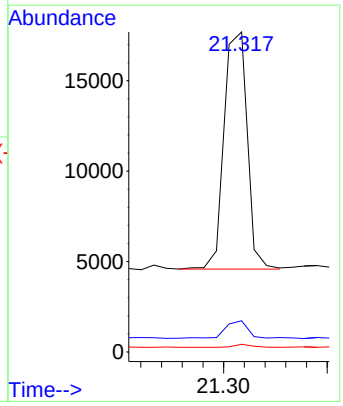
Instrument :
BNA_E
ClientSampleId :

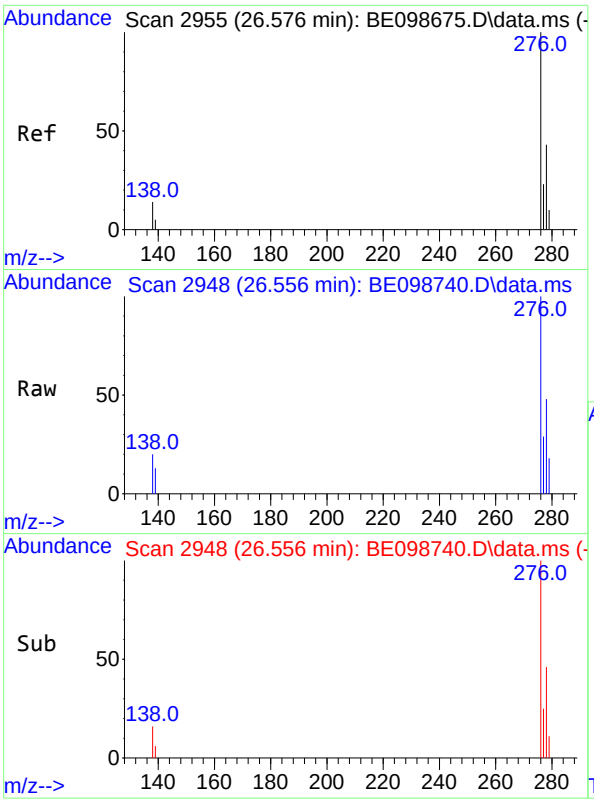


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.51 ng
RT: 21.317 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:149 Resp: 20352

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.4	8.2
279	1.0	1.0	1.4

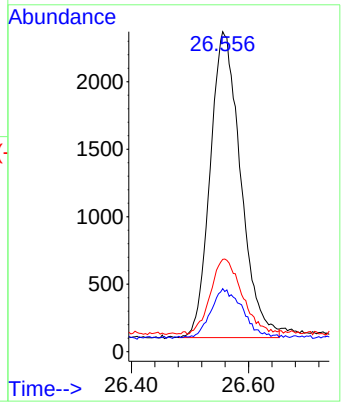




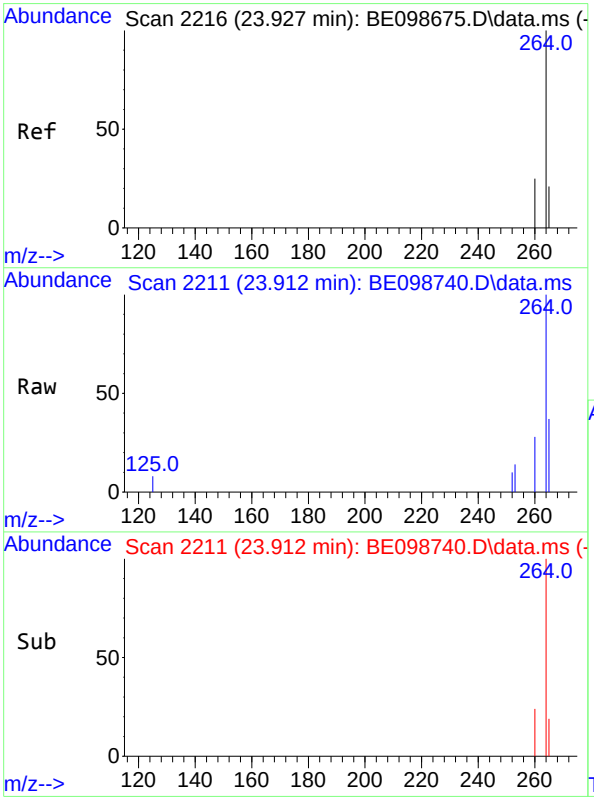
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.33 ng
RT: 26.556 min Scan# 2948
Delta R.T. -0.020 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:276 Resp: 8176

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.3	19.9
277	25.4	19.4	29.0



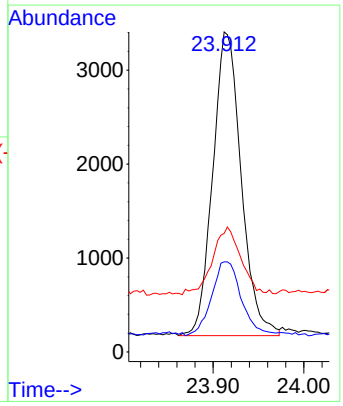
Instrument :
BNA_E
ClientSampleId :



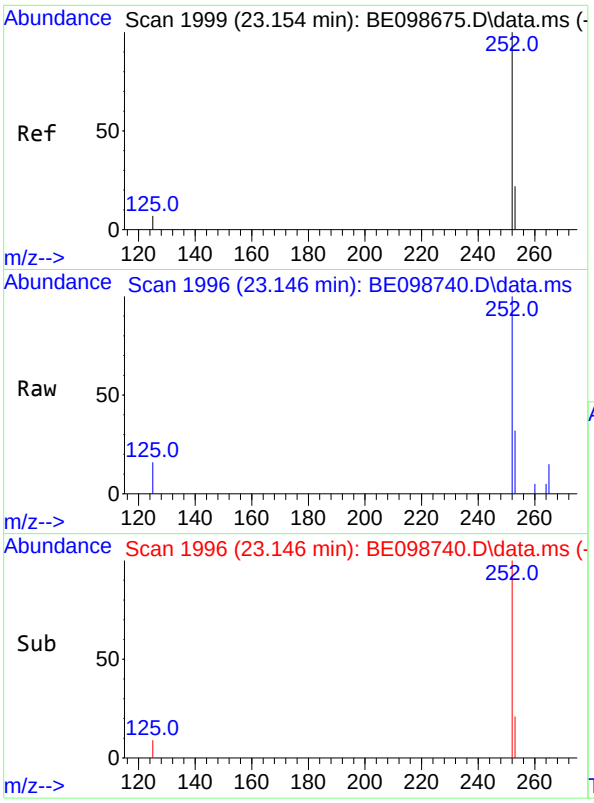
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.912 min Scan# 2211
Delta R.T. -0.015 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:264 Resp: 7040

Ion	Ratio	Lower	Upper
264	100		
260	28.1	20.5	30.7
265	37.0	22.3	33.5#



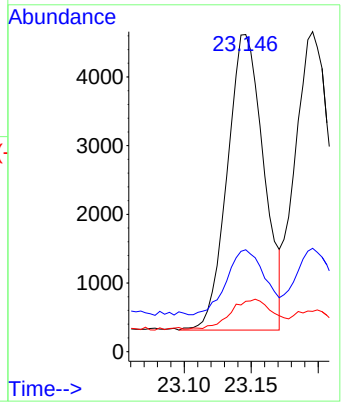
Instrument :
BNA_E
ClientSampleId :

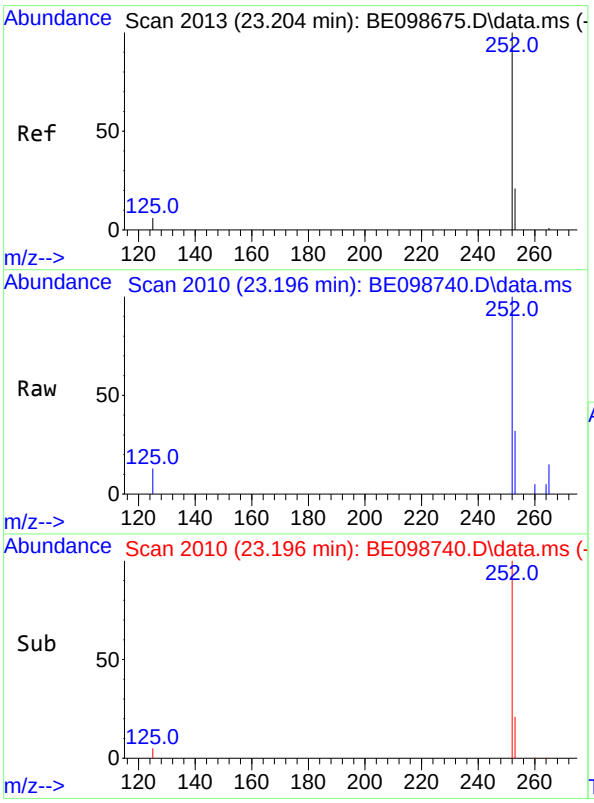


#35
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 23.146 min Scan# 1996
Delta R.T. -0.008 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:252 Resp: 8166

Ion	Ratio	Lower	Upper
252	100		
253	32.1	19.4	29.0#
125	15.9	8.2	12.4#

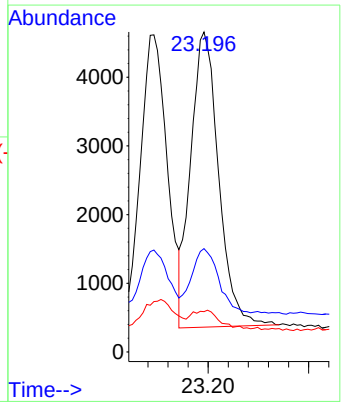


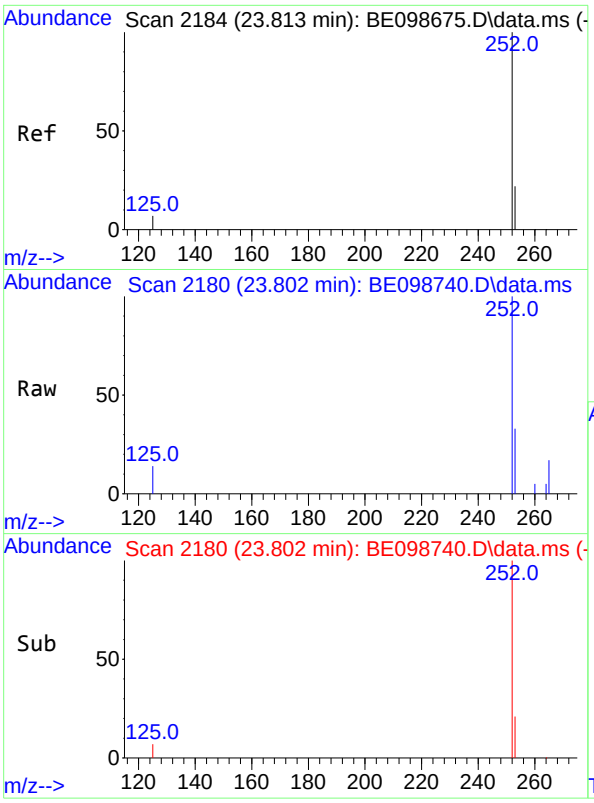


#36
Benzo(k)fluoranthene
Concen: 0.34 ng
RT: 23.196 min Scan# 2010
Delta R.T. -0.008 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:252 Resp: 8279

Ion	Ratio	Lower	Upper
252	100		
253	32.3	19.0	28.4#
125	12.6	7.0	10.4#

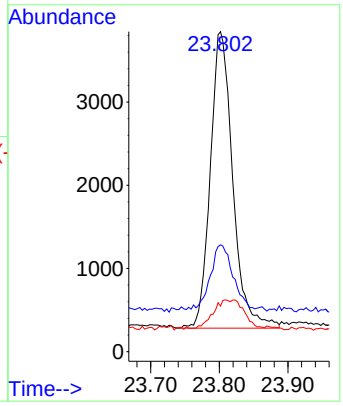




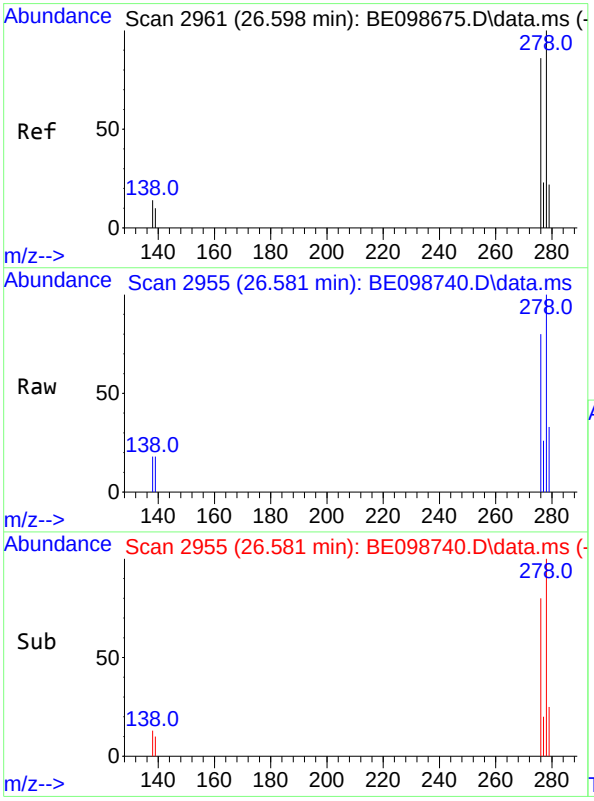
#37
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.802 min Scan# 2180
Delta R.T. -0.011 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:252 Resp: 8089

Ion	Ratio	Lower	Upper
252	100		
253	33.4	21.0	31.4#
125	14.2	9.2	13.8#



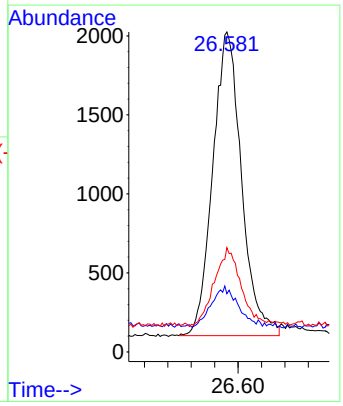
Instrument :
BNA_E
ClientSampleId :

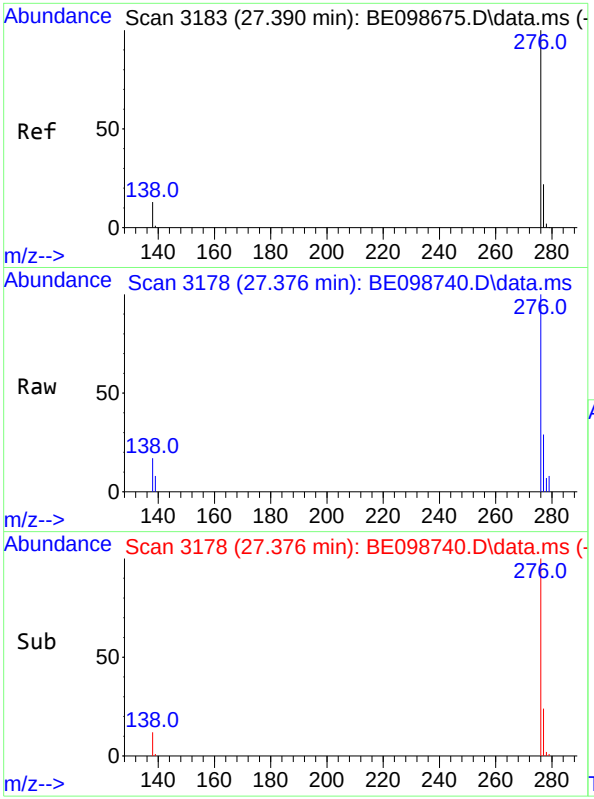


#38
Dibenzo(a,h)anthracene
Concen: 0.32 ng
RT: 26.581 min Scan# 2955
Delta R.T. -0.017 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:278 Resp: 6552

Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.7	19.1
279	32.6	22.0	33.0

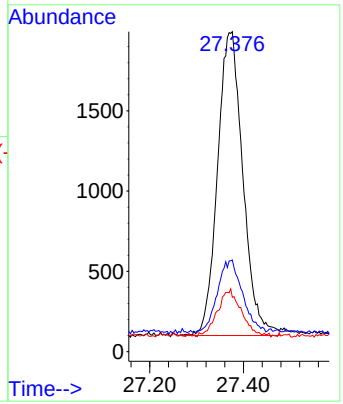




#39
Benzo(g,h,i)perylene
Concen: 0.32 ng
RT: 27.376 min Scan# 3178
Delta R.T. -0.013 min
Lab File: BE098740.D
Acq: 20 Feb 2019 14:20

Tgt Ion:276 Resp: 7112

Ion	Ratio	Lower	Upper
276	100		
277	28.7	20.3	30.5
138	17.0	13.3	19.9



Instrument :
BNA_E
ClientSampleId :