Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE021319\
Data File : BE098727.D
Acq On : 13 Feb 2019 14:56
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 14 04:05:40 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	7.815	152	1005	0.40	ng		0.00
7) Naphthalene-d8	10.602	136	4457	0.40	ng		# 0.00
13) Acenaphthene-d10	14.471	164	2900	0.40	ng		0.00
19) Phenanthrene-d10	17.229	188	6716	0.40	ng		# 0.00
27) Chrysene-d12	21.414	240	7347	0.40	ng		0.00
34) Perylene-d12	23.930	264	7090	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.408	112	1079	0.36	ng		0.00
5) Phenol-d6	6.997	99	1578	0.36	ng		0.00
8) Nitrobenzene-d5	8.978	82	1708	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.209	152	3265	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	406	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.102	172	4857	0.39	ng		0.00
25) Fluoranthene-d10	19.258	212	37776	0.39	ng		0.00
29) Terphenyl-d14	19.862	244	7180	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	776	0.42	ng		89
3) n-Nitrosodimethylamine	3.657	42	809	0.35	ng	#	94
6) bis(2-Chloroethyl)ether	7.239	93	1199	0.40	ng		76
9) Naphthalene	10.653	128	20092	0.39	ng		100
10) Hexachlorobutadiene	10.939	225	1362	0.40	ng		96
12) 2-Methylnaphthalene	12.281	142	3142	0.37	ng		94
16) Acenaphthylene	14.197	152	5548	0.37	ng		99
17) Acenaphthene	14.543	154	3451	0.39	ng		98
18) Fluorene	15.515	166	4488	0.37	ng		98
20) 4-Bromophenyl-phenylether	16.426	248	1436	0.36	ng	#	85
21) Hexachlorobenzene	16.533	284	1827	0.39	ng		98
22) Pentachlorophenol	16.894	266	529	0.44	ng		97
23) Phenanthrene	17.269	178	7220	0.39	ng		100
24) Anthracene	17.363	178	5553	0.37	ng		99
26) Fluoranthene	19.287	202	9468	0.40	ng		99
28) Pyrene	19.649	202	9705	0.41	ng		100
30) Benzo(a)anthracene	21.402	228	8457	0.38	ng		96
31) Chrysene	21.450	228	9344	0.39	ng		98
32) Bis(2-ethylhexyl)phtha...	21.317	149	15912	0.39	ng		99
33) Indeno(1,2,3-cd)pyrene	26.581	276	7778	0.31	ng	#	91
35) Benzo(b)fluoranthene	23.157	252	8747	0.38	ng		98
36) Benzo(k)fluoranthene	23.207	252	9559	0.39	ng		99
37) Benzo(a)pyrene	23.812	252	8109	0.37	ng		99
38) Dibenzo(a,h)anthracene	26.602	278	5244	0.26	ng	#	93
39) Benzo(g,h,i)perylene	27.387	276	7333	0.33	ng		99

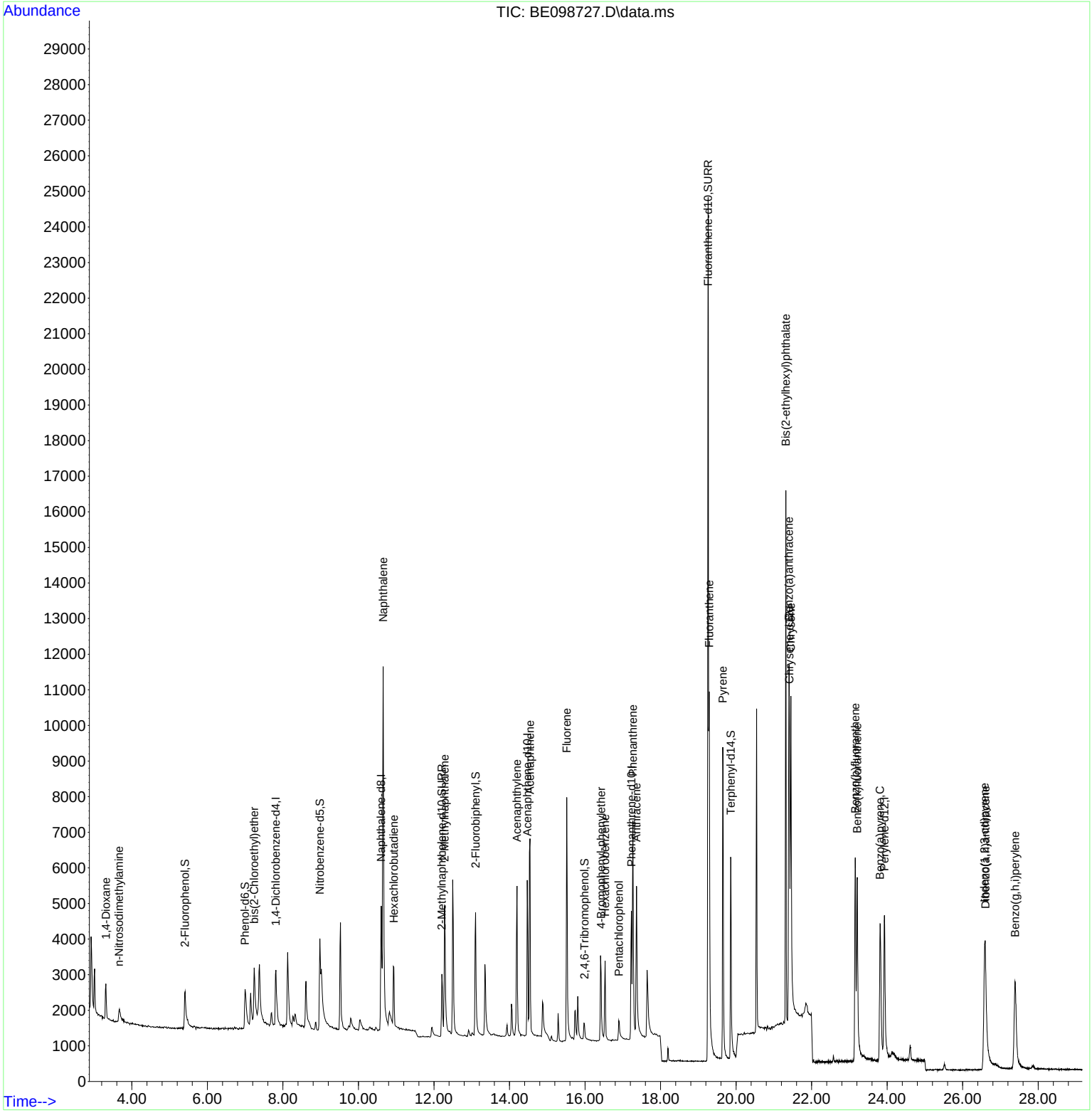
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

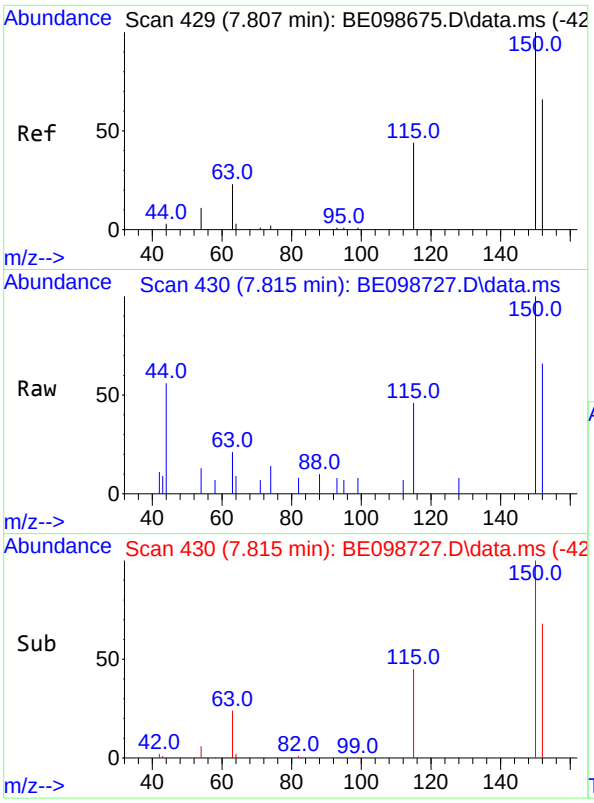
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE021319\
Data File : BE098727.D
Acq On : 13 Feb 2019 14:56
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 14 04:05:40 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



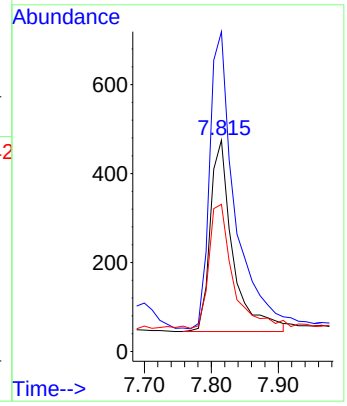
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

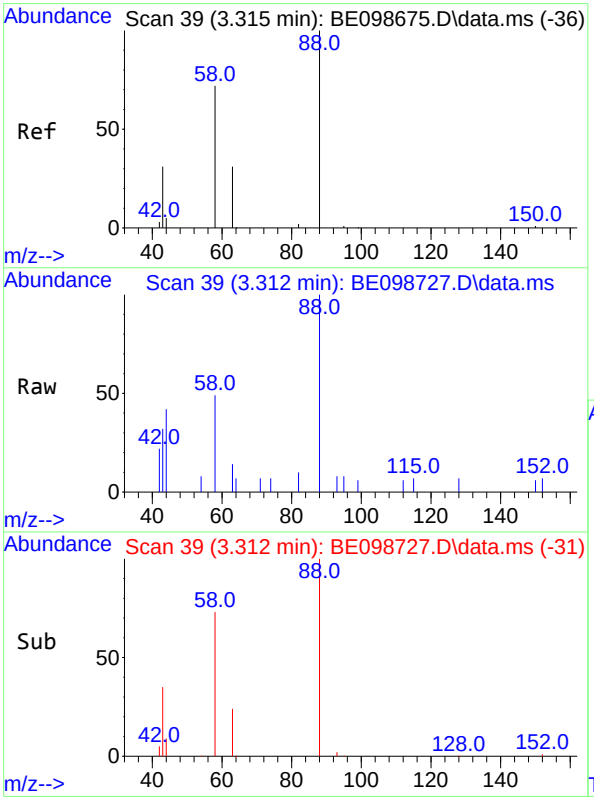


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.815 min Scan# 430
Delta R.T. 0.008 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:152 Resp: 1005

Ion	Ratio	Lower	Upper
152	100		
150	151.4	121.4	182.2
115	69.7	59.1	88.7

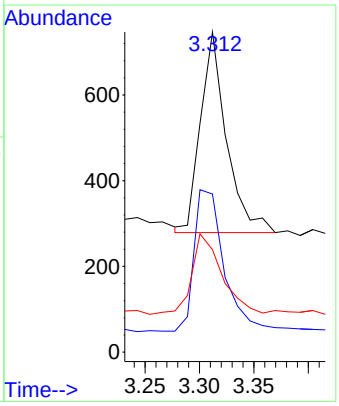




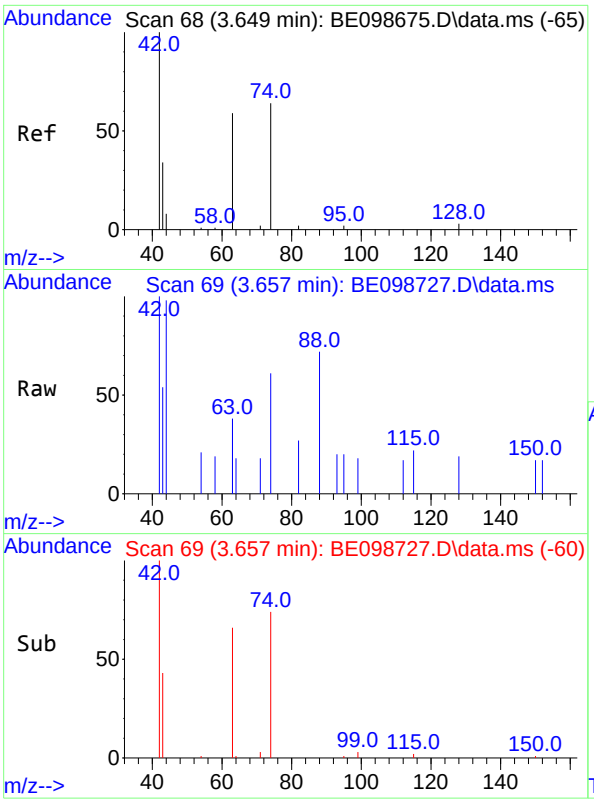
#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.312 min Scan# 39
Delta R.T. -0.003 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion: 88 Resp: 776

Ion	Ratio	Lower	Upper
88	100		
58	81.2	73.9	110.9
43	46.6	43.7	65.5



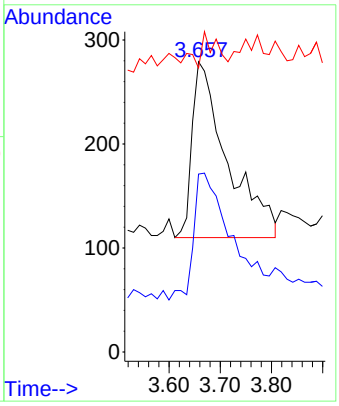
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

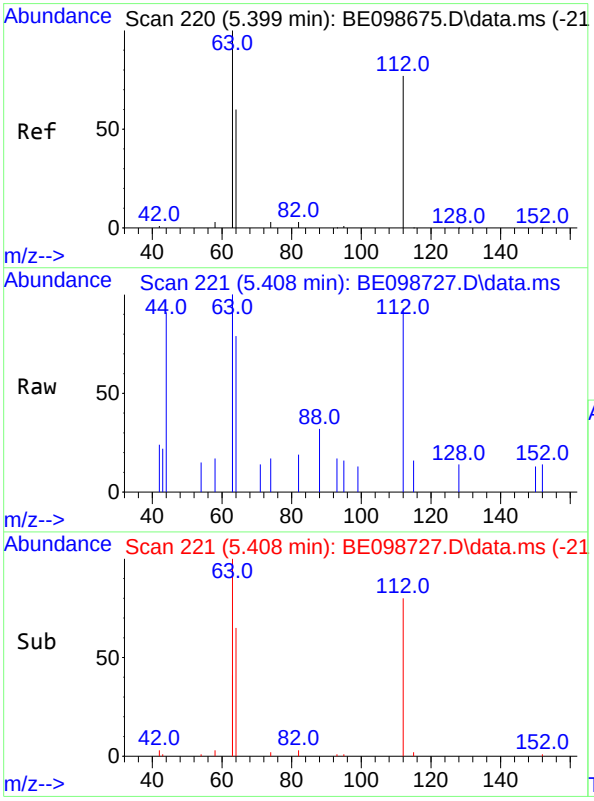


#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.657 min Scan# 69
Delta R.T. 0.008 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion: 42 Resp: 809

Ion	Ratio	Lower	Upper
42	100		
74	79.0	58.9	88.3
44	7.5	0.0	0.0#

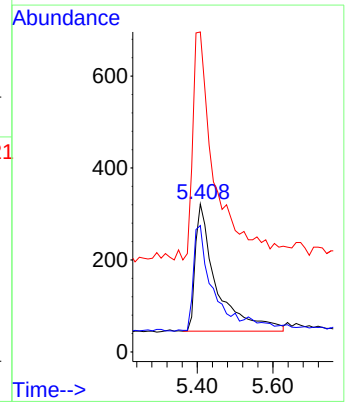




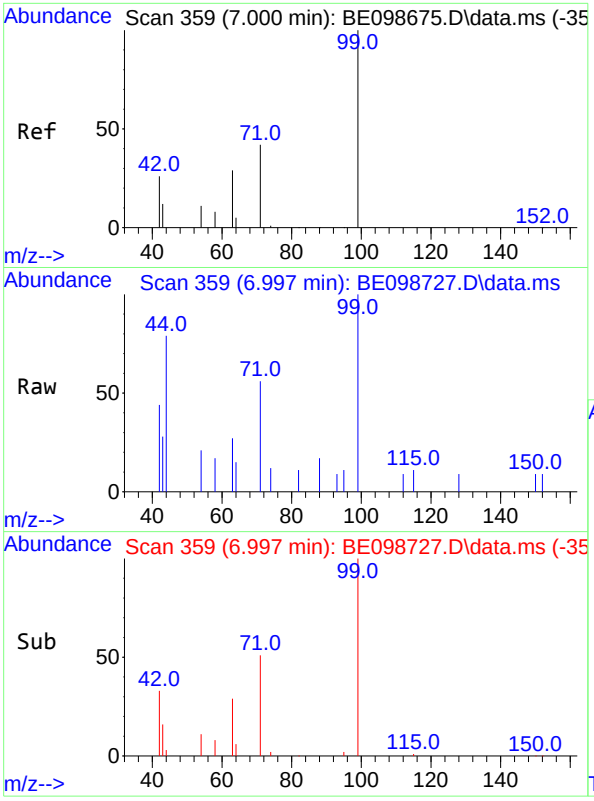
#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.408 min Scan# 221
Delta R.T. 0.009 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:112 Resp: 1079

Ion	Ratio	Lower	Upper
112	100		
64	73.7	62.9	94.3
63	176.7	152.2	228.4



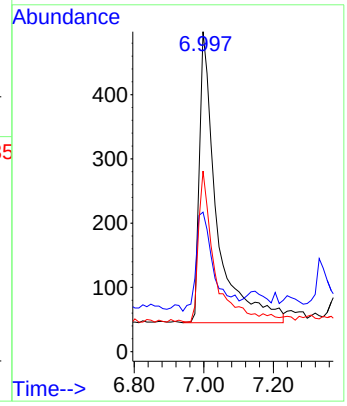
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

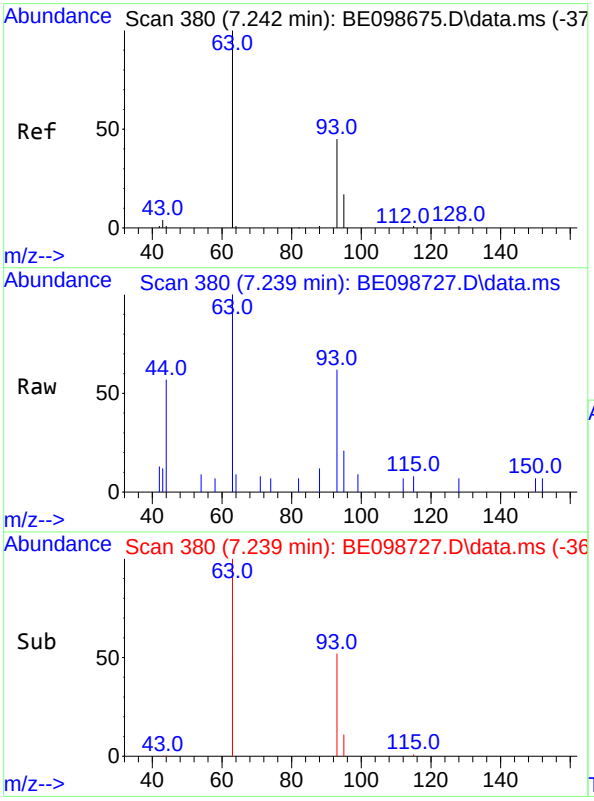


#5
Phenol-d6
Concen: 0.36 ng
RT: 6.997 min Scan# 359
Delta R.T. -0.003 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion: 99 Resp: 1578

Ion	Ratio	Lower	Upper
99	100		
42	34.8	24.6	37.0
71	46.6	35.1	52.7

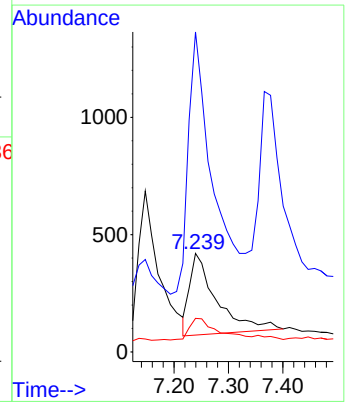




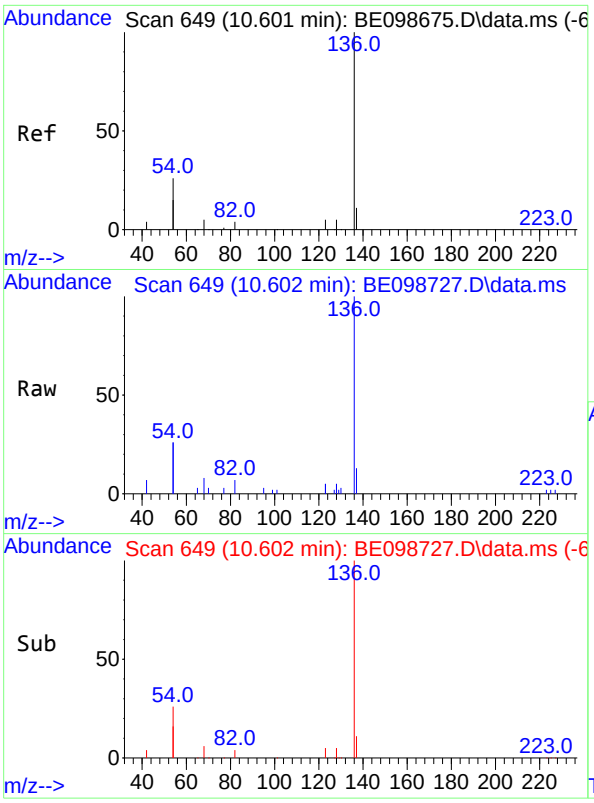
#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.239 min Scan# 380
Delta R.T. -0.003 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion: 93 Resp: 1199

Ion	Ratio	Lower	Upper
93	100		
63	280.5	267.3	400.9
95	27.9	26.2	39.4



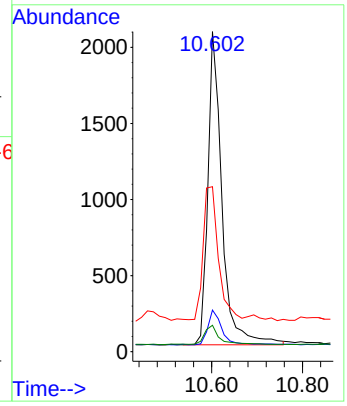
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

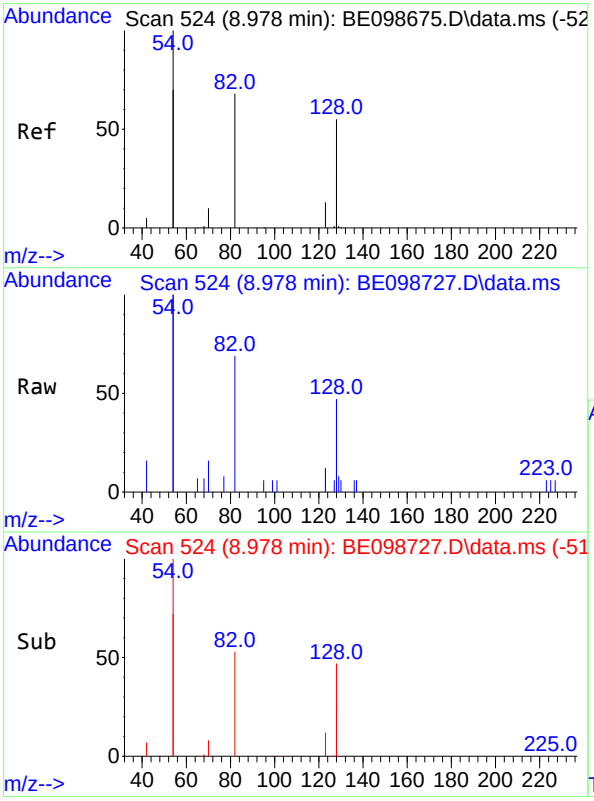


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 649
Delta R.T. 0.001 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:136 Resp: 4457

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.7	14.5
54	51.5	35.5	53.3
68	8.3	5.0	7.6#

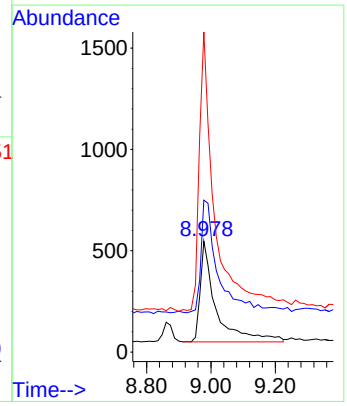




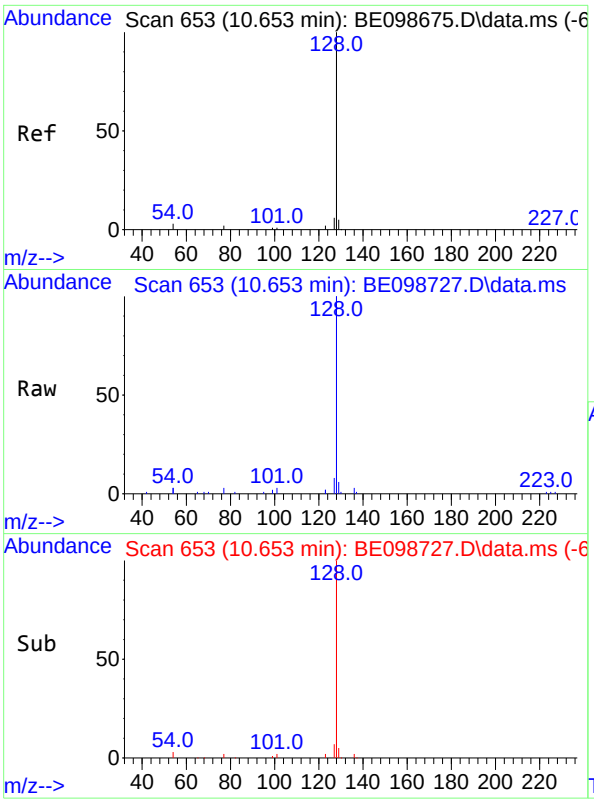
#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.978 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion: 82 Resp: 1708

Ion	Ratio	Lower	Upper
82	100		
128	137.1	96.5	144.7
54	288.8	224.7	337.1



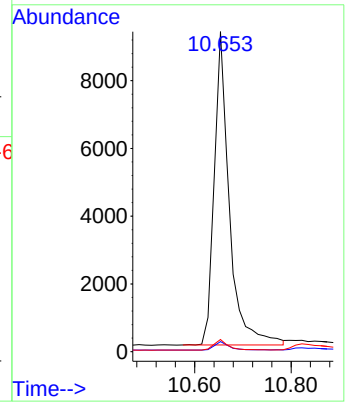
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

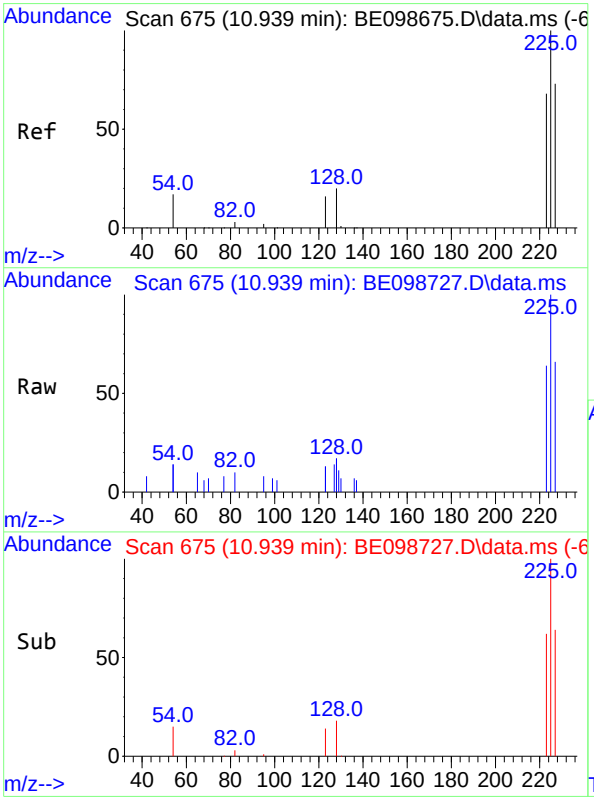


#9
Naphthalene
Concen: 0.39 ng
RT: 10.653 min Scan# 653
Delta R.T. 0.000 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:128 Resp: 20092

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

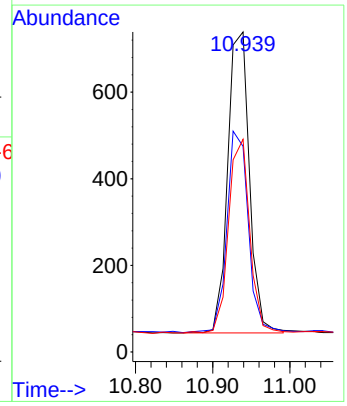




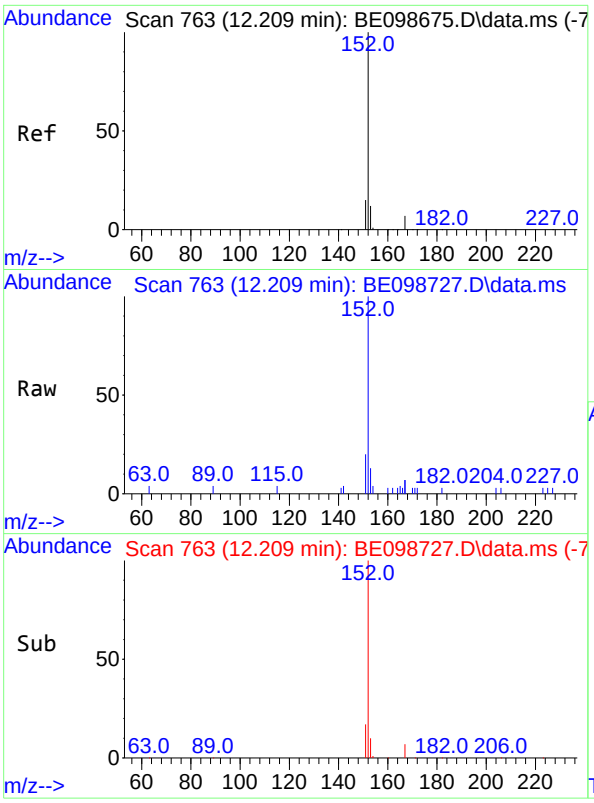
#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.939 min Scan# 675
Delta R.T. 0.000 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:225 Resp: 1362

Ion	Ratio	Lower	Upper
225	100		
223	65.7	47.8	71.8
227	62.9	50.5	75.7



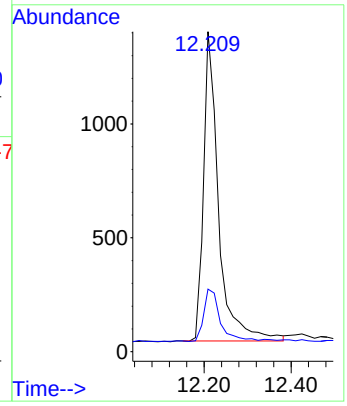
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

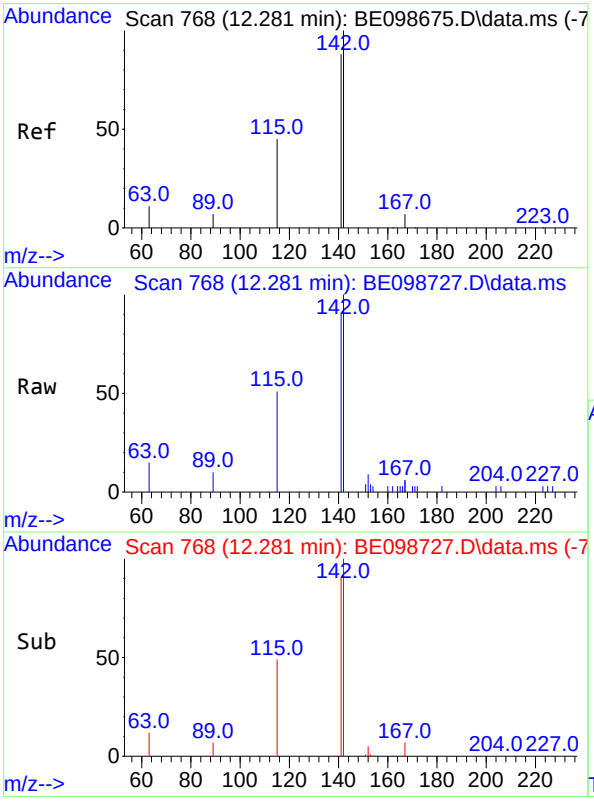


#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.209 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:152 Resp: 3265

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4

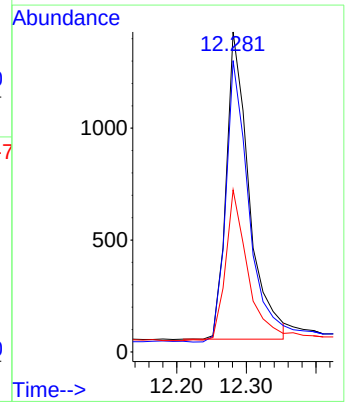




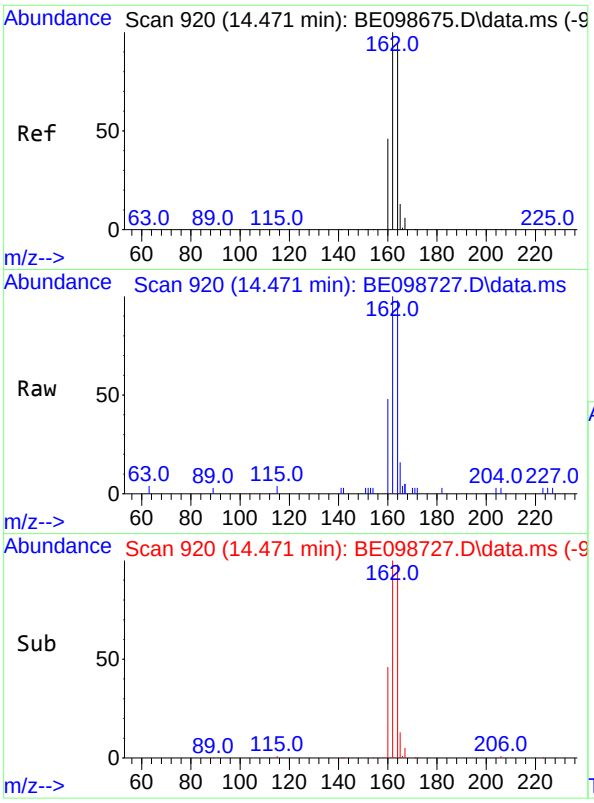
#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.281 min Scan# 768
Delta R.T. -0.000 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:142 Resp: 3142

Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.0	105.0
115	50.6	35.2	52.8



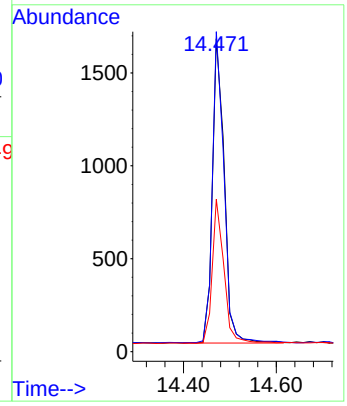
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

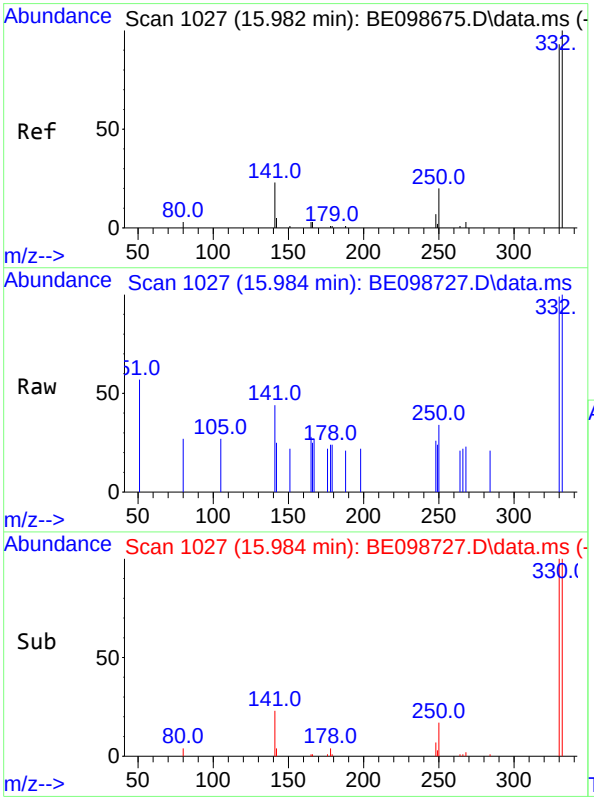


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:164 Resp: 2900

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.5	120.7
160	48.7	40.1	60.1

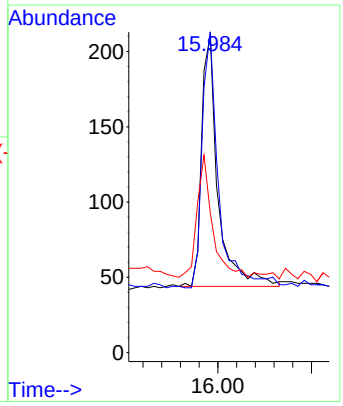




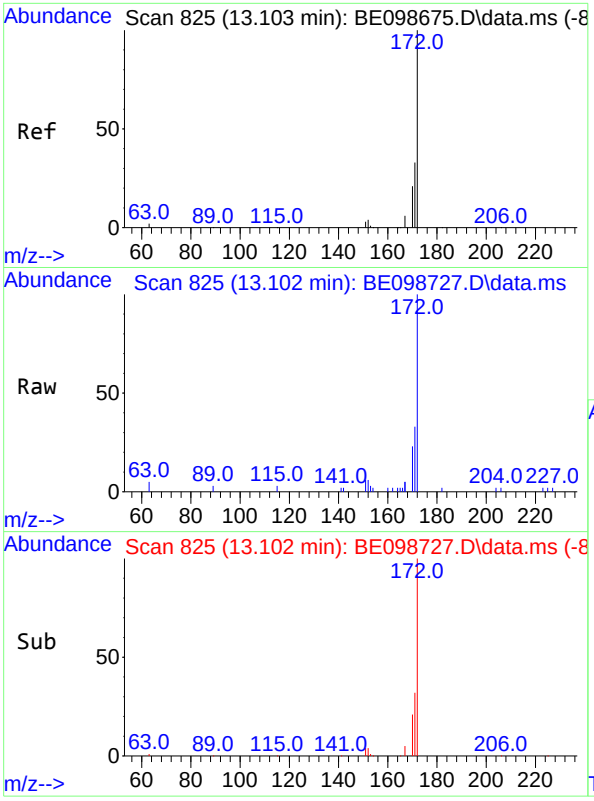
#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.984 min Scan# 1027
Delta R.T. 0.002 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:330 Resp: 406

Ion	Ratio	Lower	Upper
330	100		
332	103.9	73.3	109.9
141	44.8	33.1	49.7



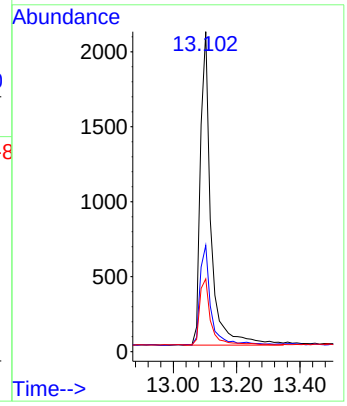
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

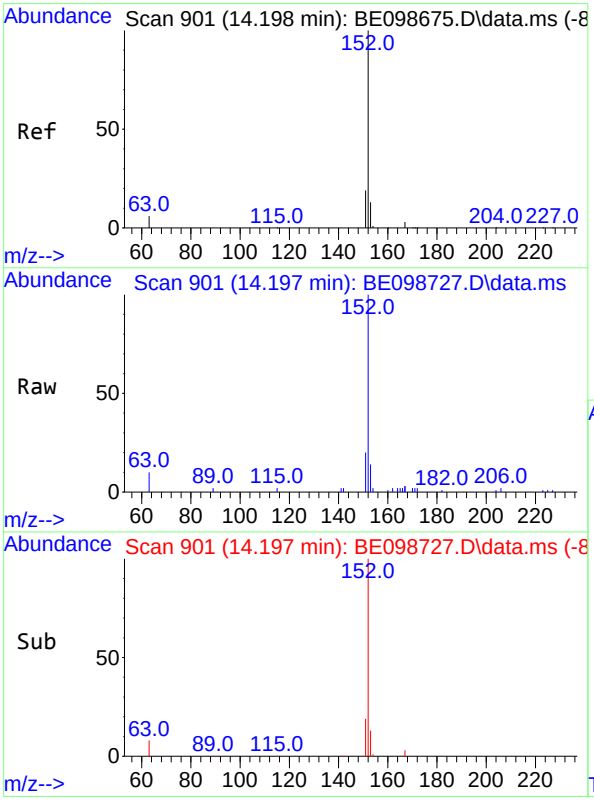


#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.102 min Scan# 825
Delta R.T. -0.001 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:172 Resp: 4857

Ion	Ratio	Lower	Upper
172	100		
171	33.2	29.0	43.4
170	22.8	20.8	31.2

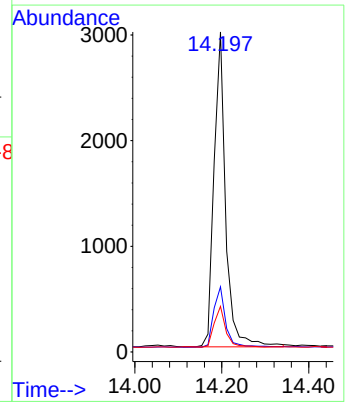




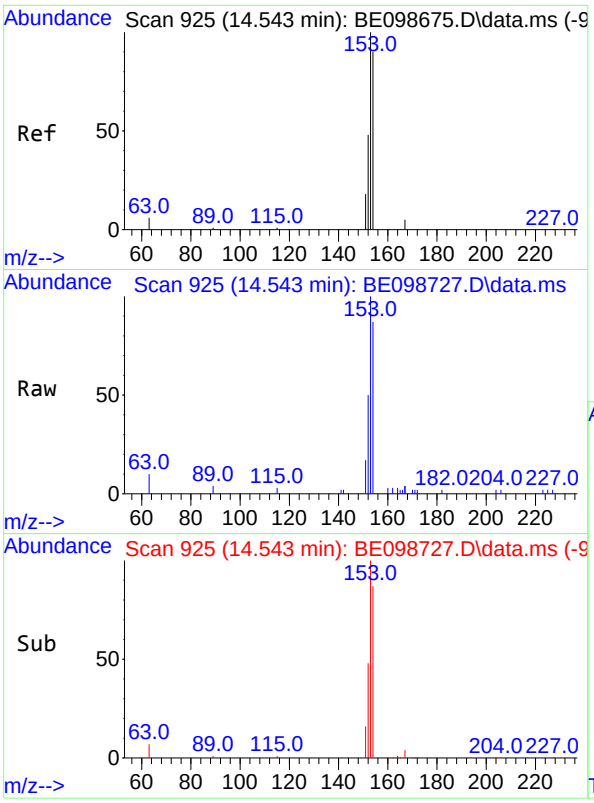
#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.197 min Scan# 901
Delta R.T. -0.001 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:152 Resp: 5548

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.2	10.7	16.1



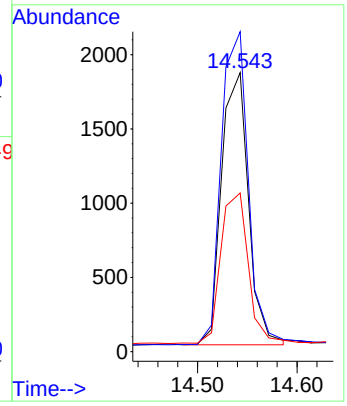
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

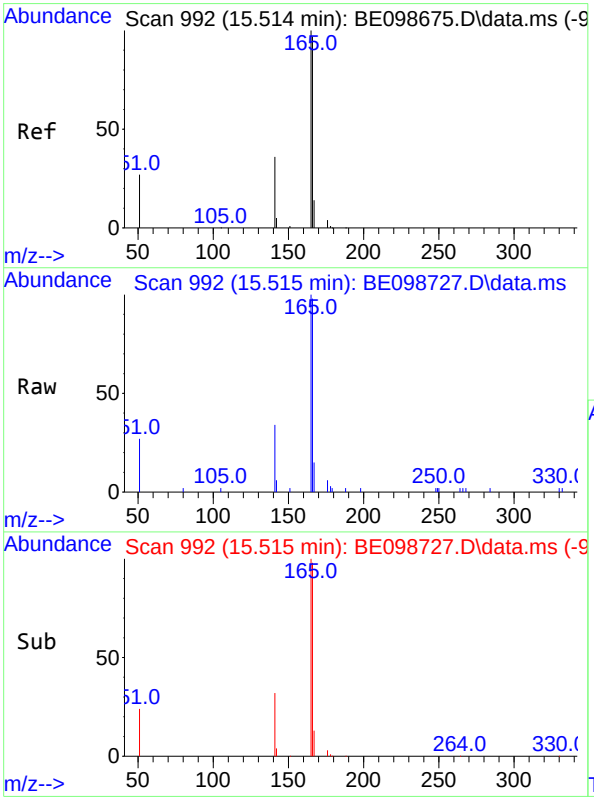


#17
Acenaphthene
Concen: 0.39 ng
RT: 14.543 min Scan# 925
Delta R.T. -0.000 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:154 Resp: 3451

Ion	Ratio	Lower	Upper
154	100		
153	115.4	93.9	140.9
152	56.3	45.8	68.8

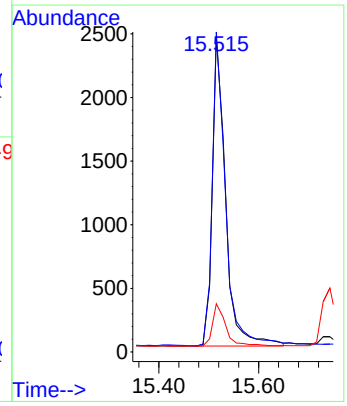




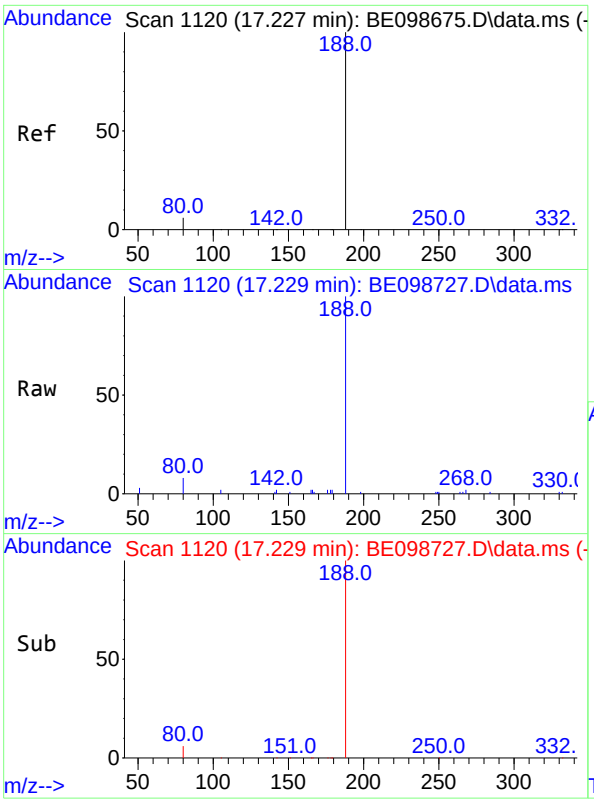
#18
Fluorene
Concen: 0.37 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:166 Resp: 4488

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.3	118.9
167	14.2	10.6	15.8



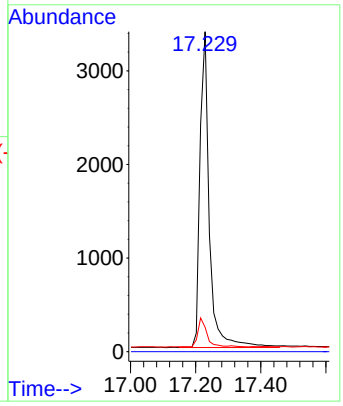
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

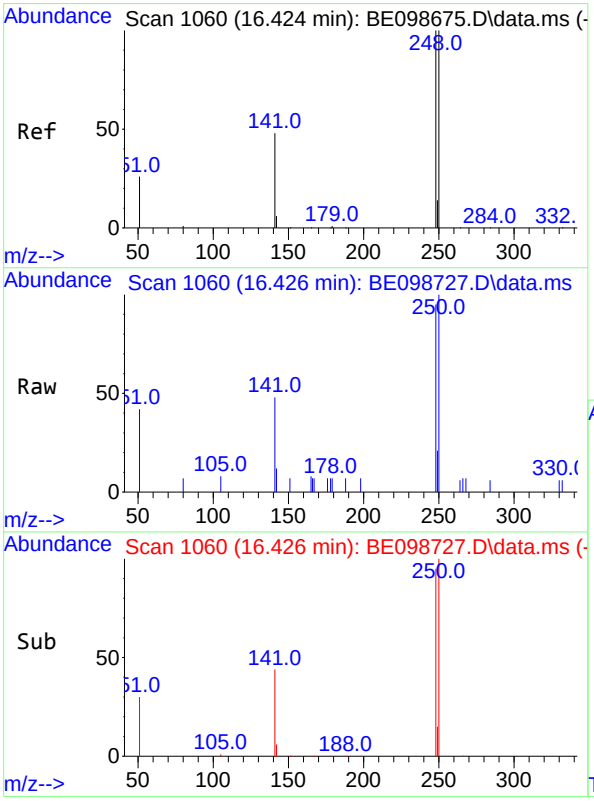


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.229 min Scan# 1120
Delta R.T. 0.002 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:188 Resp: 6716

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	4.7	7.1#

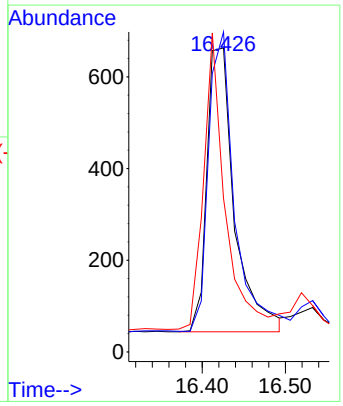




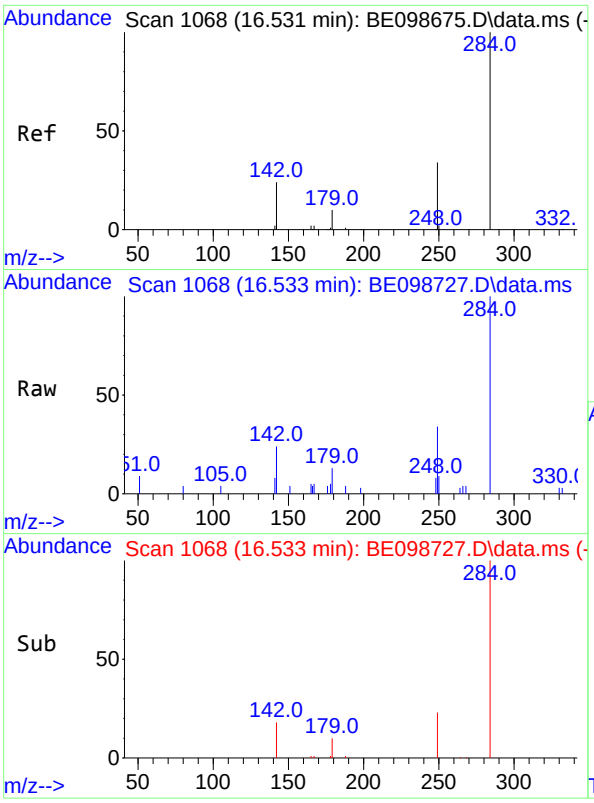
#20
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.426 min Scan# 1060
Delta R.T. 0.002 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:248 Resp: 1436

Ion	Ratio	Lower	Upper
248	100		
250	105.3	80.2	120.4
141	50.5	60.5	90.7#



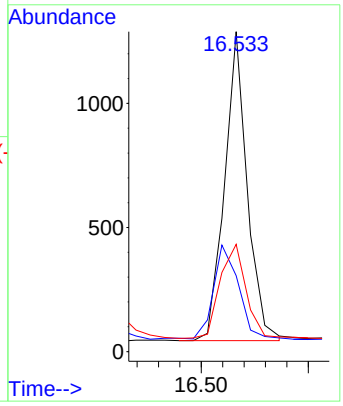
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

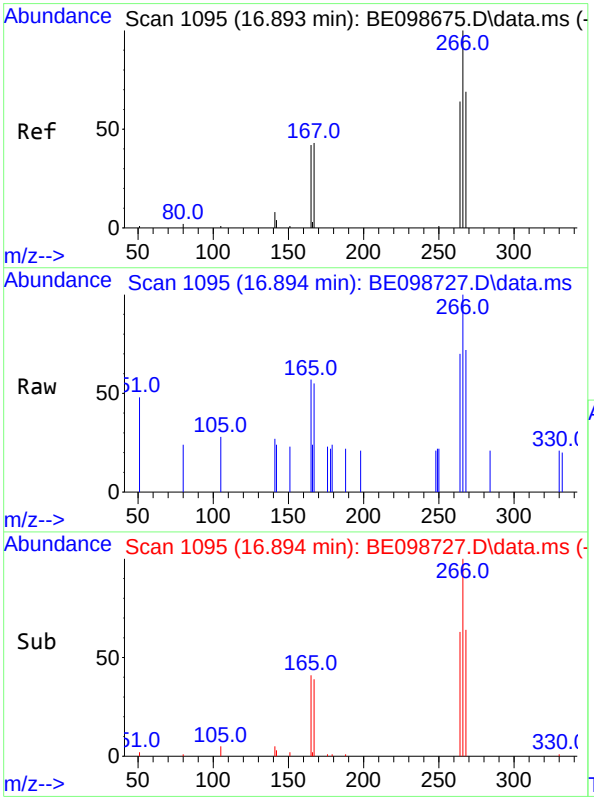


#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.533 min Scan# 1068
Delta R.T. 0.002 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:284 Resp: 1827

Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.5	38.3
249	35.0	26.6	39.8

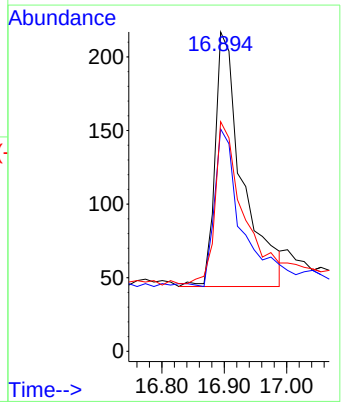




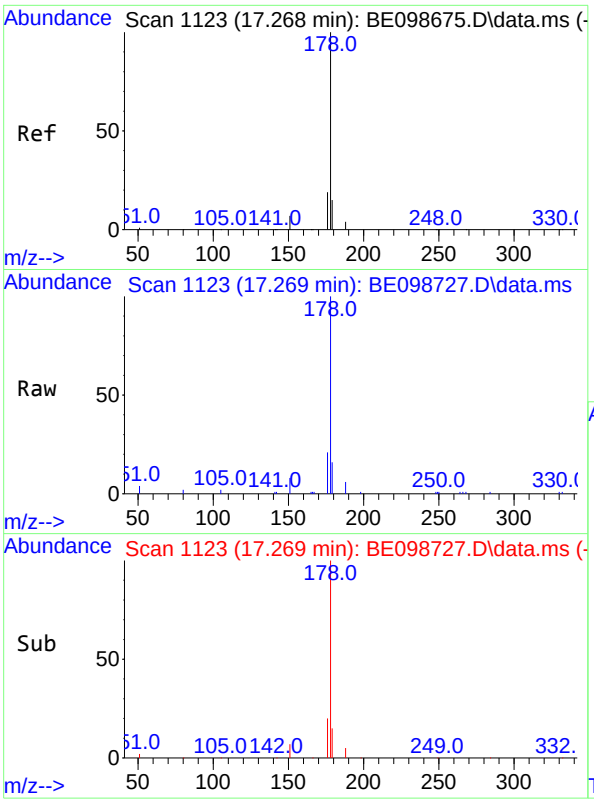
#22
Pentachlorophenol
Concen: 0.44 ng
RT: 16.894 min Scan# 1095
Delta R.T. 0.001 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:266 Resp: 529

Ion	Ratio	Lower	Upper
266	100		
264	69.6	53.7	80.5
268	71.9	59.8	89.8



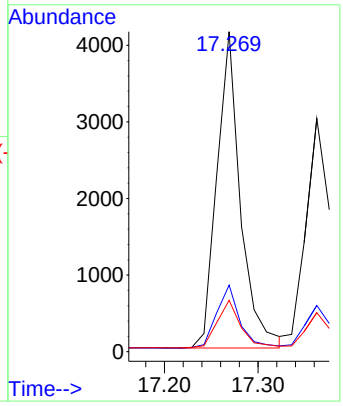
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

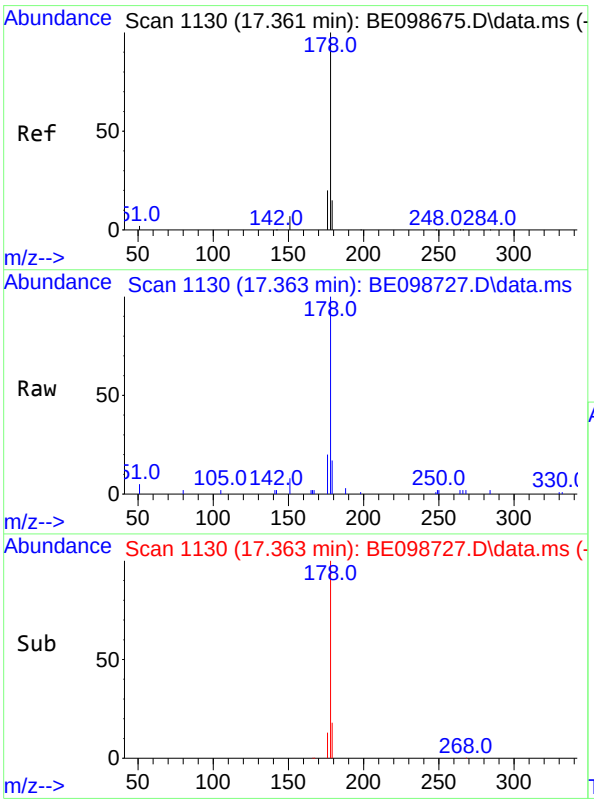


#23
Phenanthrene
Concen: 0.39 ng
RT: 17.269 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:178 Resp: 7220

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.2	12.2	18.4

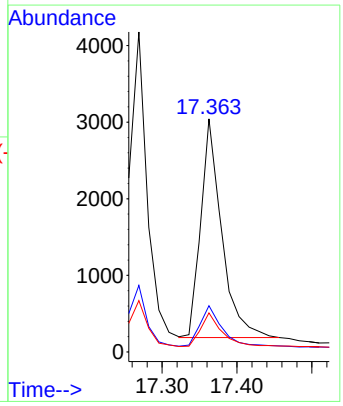




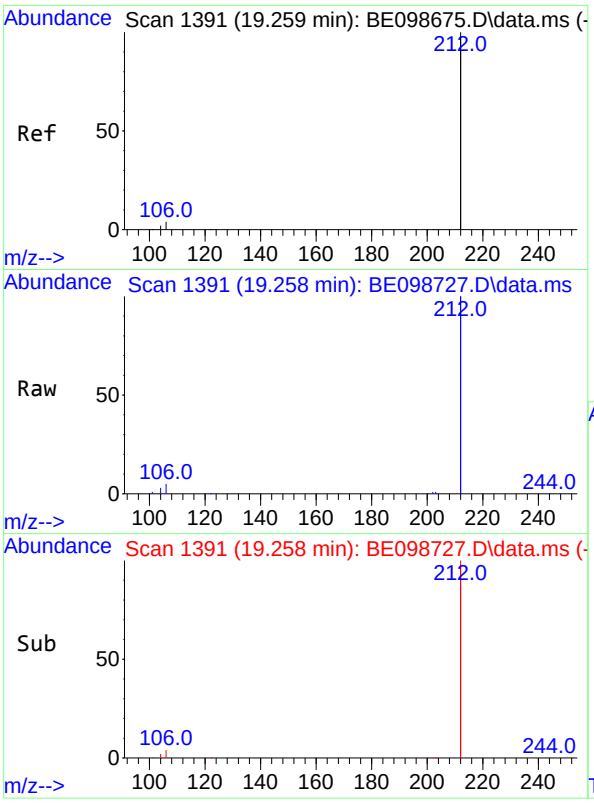
#24
Anthracene
Concen: 0.37 ng
RT: 17.363 min Scan# 1130
Delta R.T. 0.002 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:178 Resp: 5553

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.5	11.8	17.8



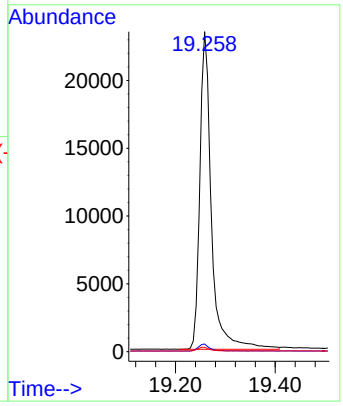
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

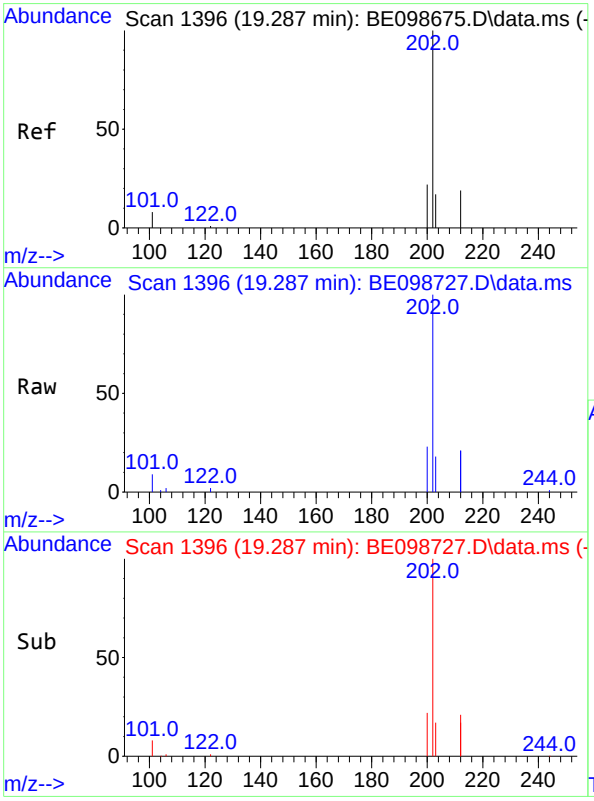


#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.258 min Scan# 1391
Delta R.T. -0.001 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:212 Resp: 37776

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.7	2.5
104	1.2	1.0	1.6

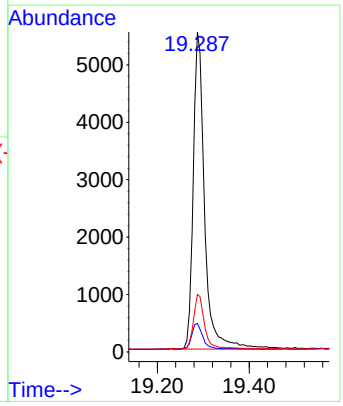




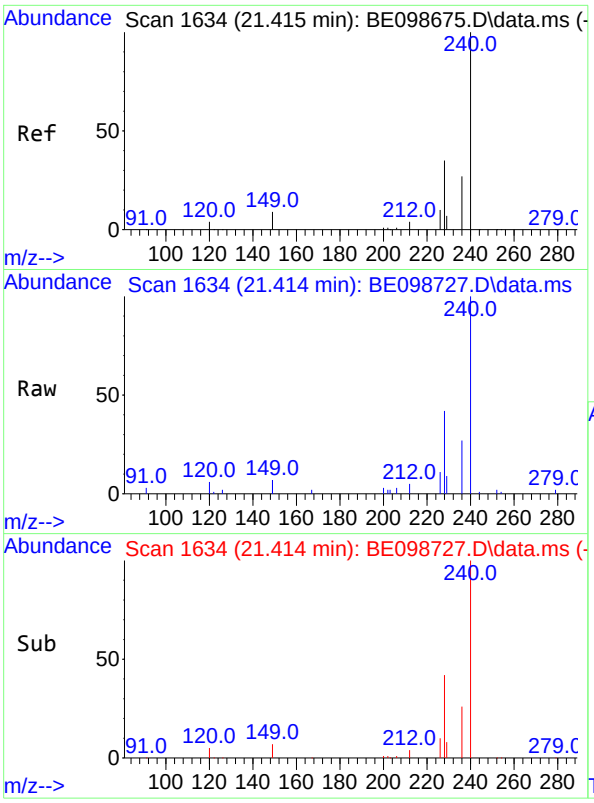
#26
Fluoranthene
Concen: 0.40 ng
RT: 19.287 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:202 Resp: 9468

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.7	10.1
203	16.7	13.3	19.9



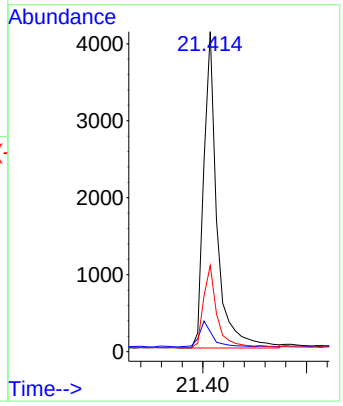
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

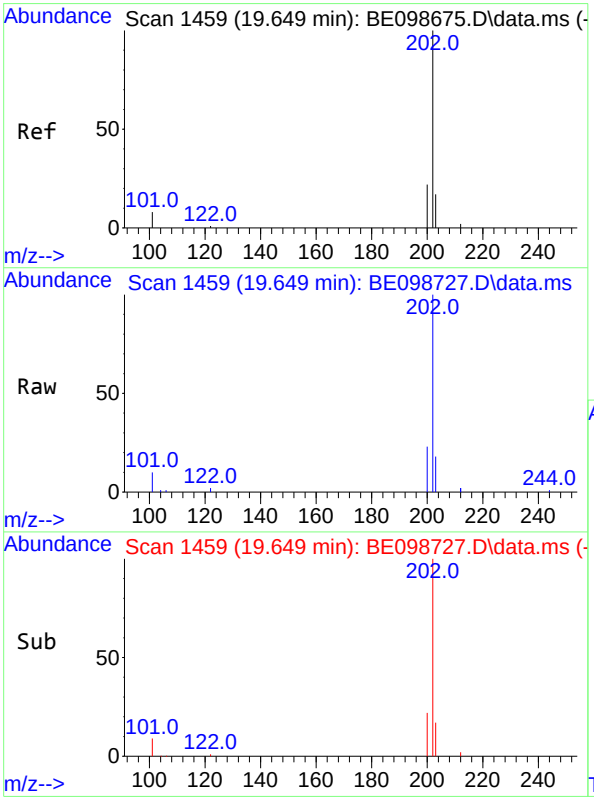


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1634
Delta R.T. -0.001 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:240 Resp: 7347

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.7	7.1
236	26.9	21.9	32.9

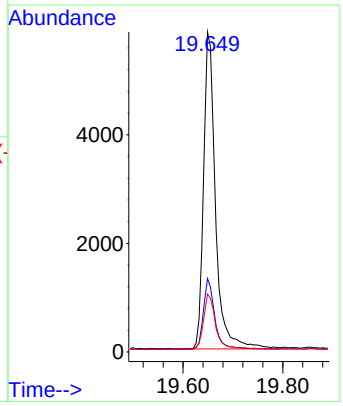




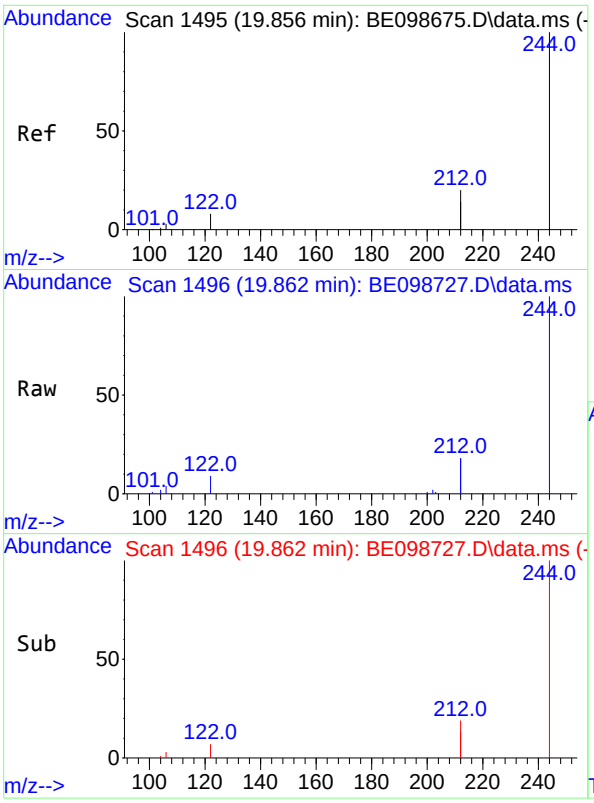
#28
Pyrene
Concen: 0.41 ng
RT: 19.649 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:202 Resp: 9705

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.6	13.8	20.8



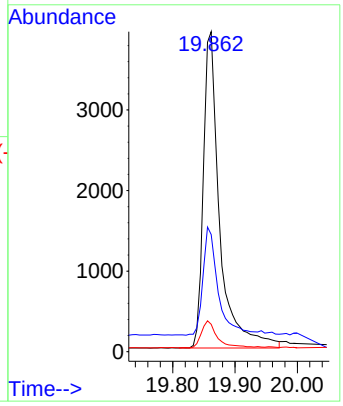
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

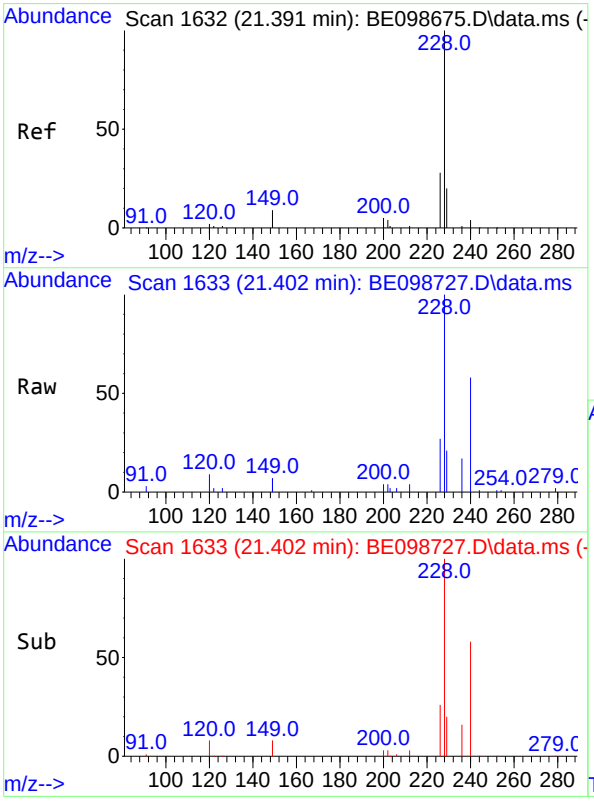


#29
Terphenyl-d14
Concen: 0.39 ng
RT: 19.862 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:244 Resp: 7180

Ion	Ratio	Lower	Upper
244	100		
212	36.6	29.4	44.2
122	8.5	7.1	10.7

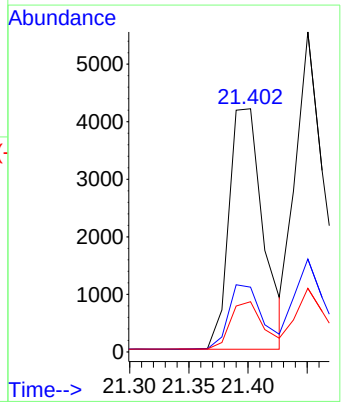




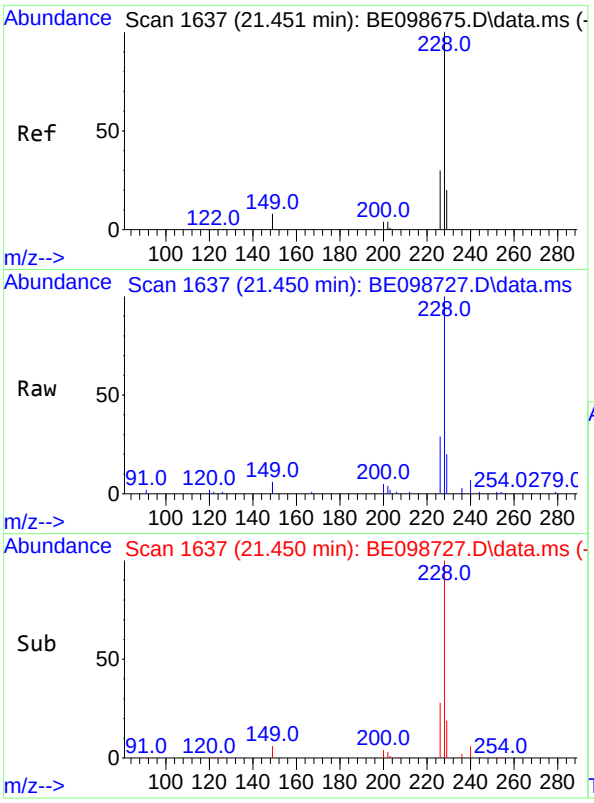
#30
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.402 min Scan# 1633
Delta R.T. 0.011 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:228 Resp: 8457

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.0	34.4
229	20.6	15.0	22.6



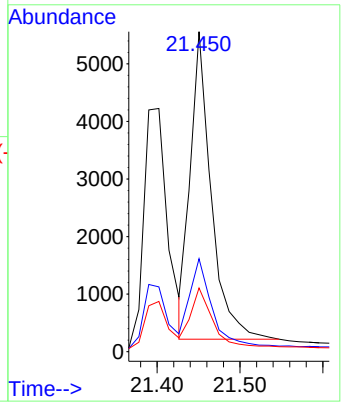
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

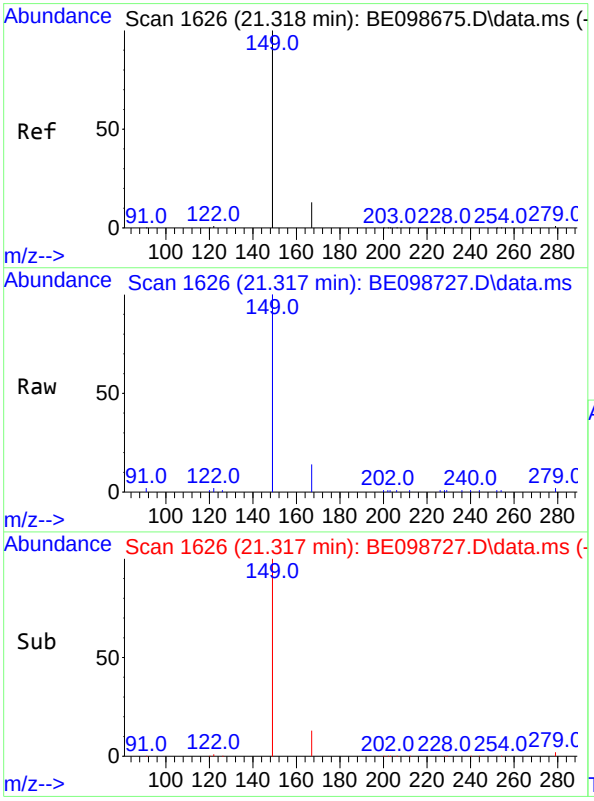


#31
Chrysene
Concen: 0.39 ng
RT: 21.450 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:228 Resp: 9344

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.6	36.8
229	19.9	16.4	24.6

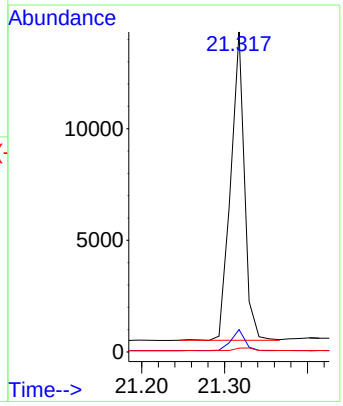




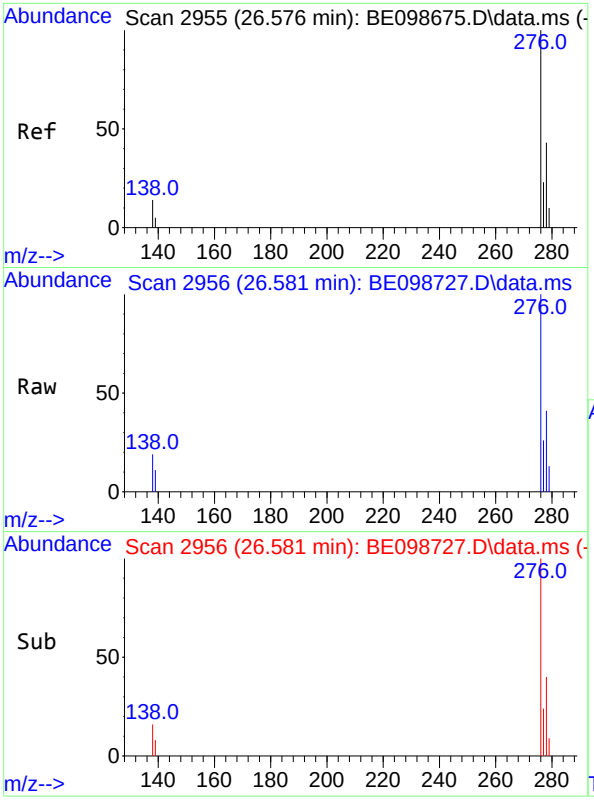
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.317 min Scan# 1626
Delta R.T. -0.001 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:149 Resp: 15912

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.2
279	1.2	1.0	1.4



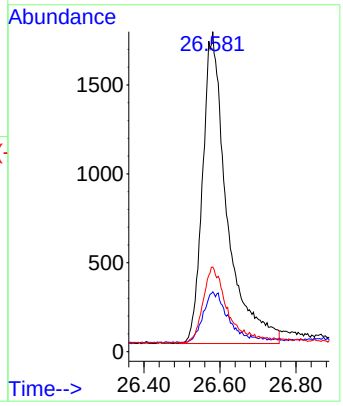
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

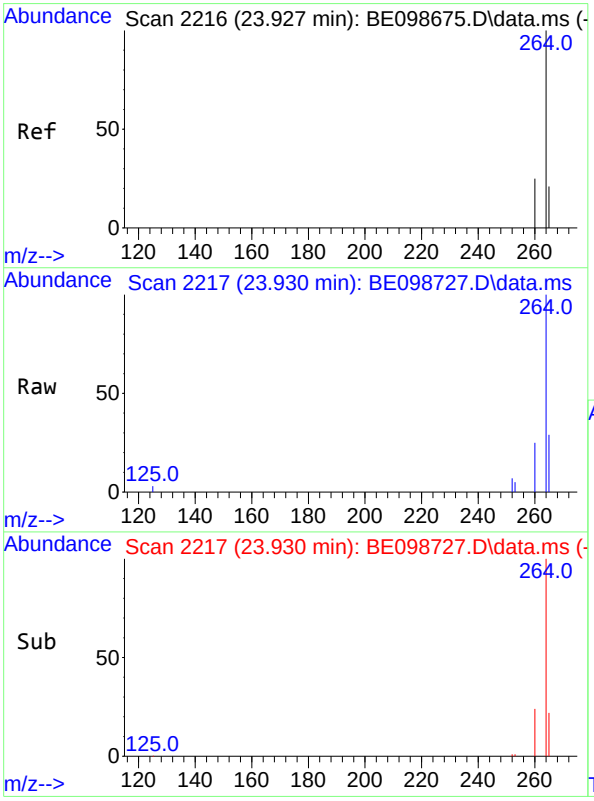


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.31 ng
RT: 26.581 min Scan# 2956
Delta R.T. 0.005 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:276 Resp: 7778

Ion	Ratio	Lower	Upper
276	100		
138	8.2	13.3	19.9#
277	23.1	19.4	29.0

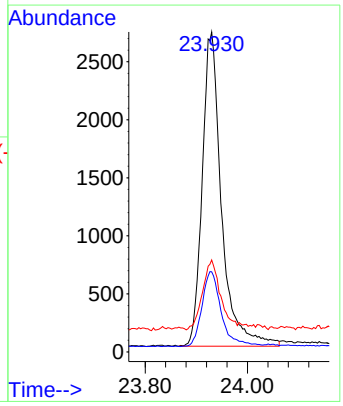




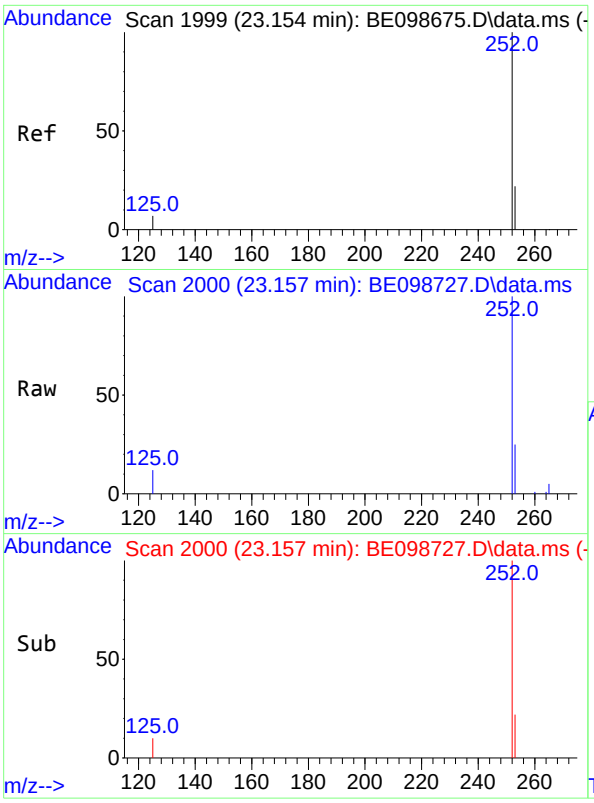
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.930 min Scan# 2217
Delta R.T. 0.003 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:264 Resp: 7090

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	28.8	22.3	33.5



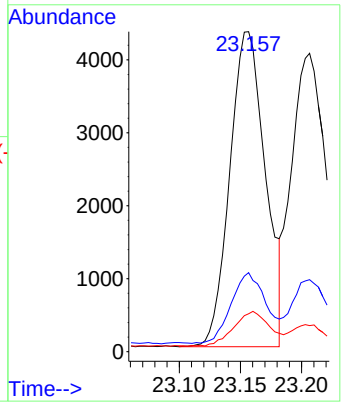
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

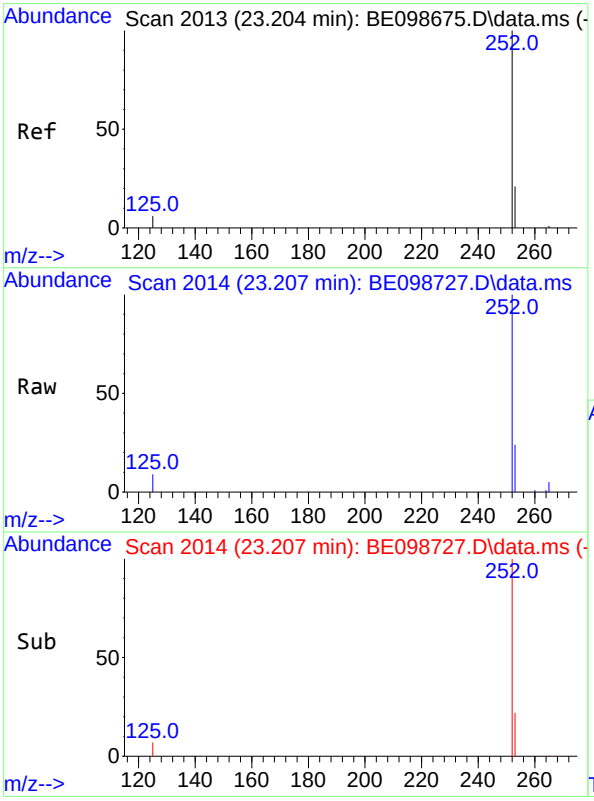


#35
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.157 min Scan# 2000
Delta R.T. 0.003 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:252 Resp: 8747

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.4	29.0
125	11.9	8.2	12.4

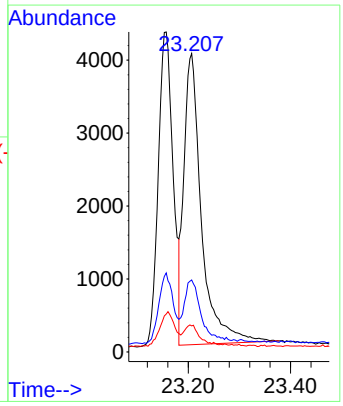




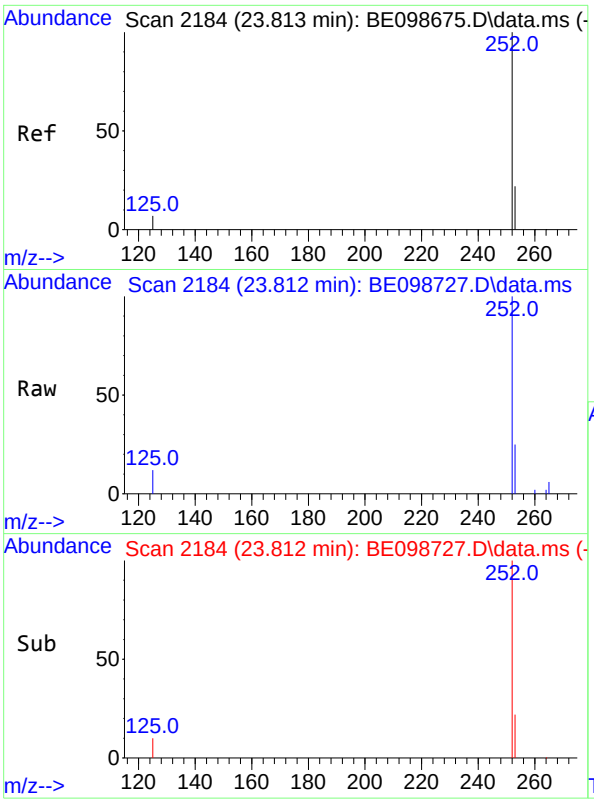
#36
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.207 min Scan# 2014
Delta R.T. 0.003 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:252 Resp: 9559

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.4
125	8.7	7.0	10.4



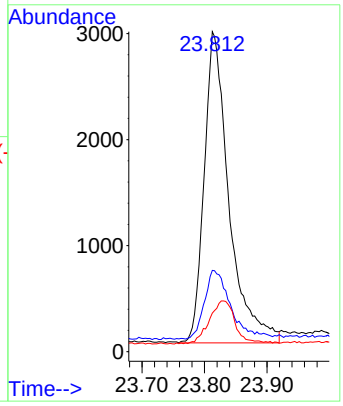
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

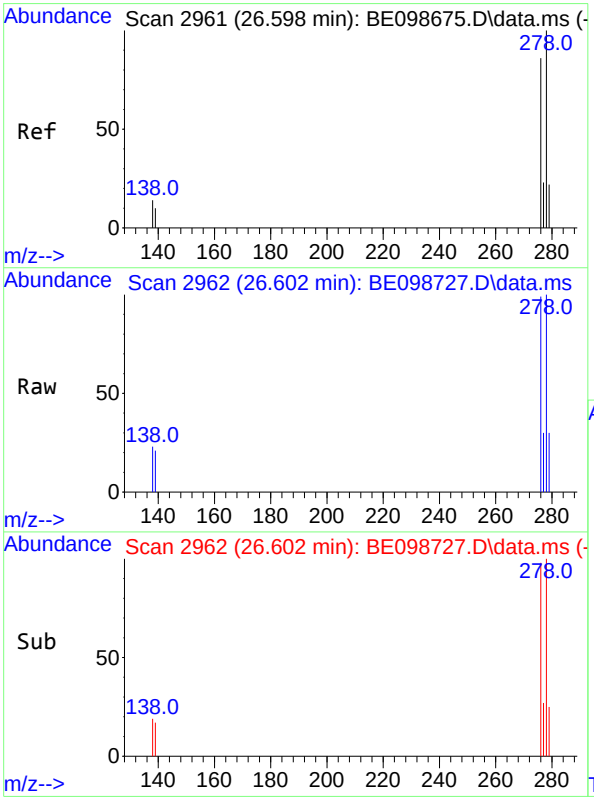


#37
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.812 min Scan# 2184
Delta R.T. -0.001 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:252 Resp: 8109

Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.0	31.4
125	12.0	9.2	13.8

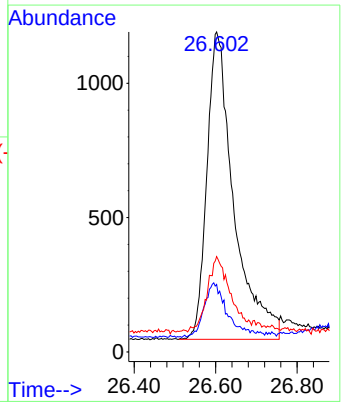


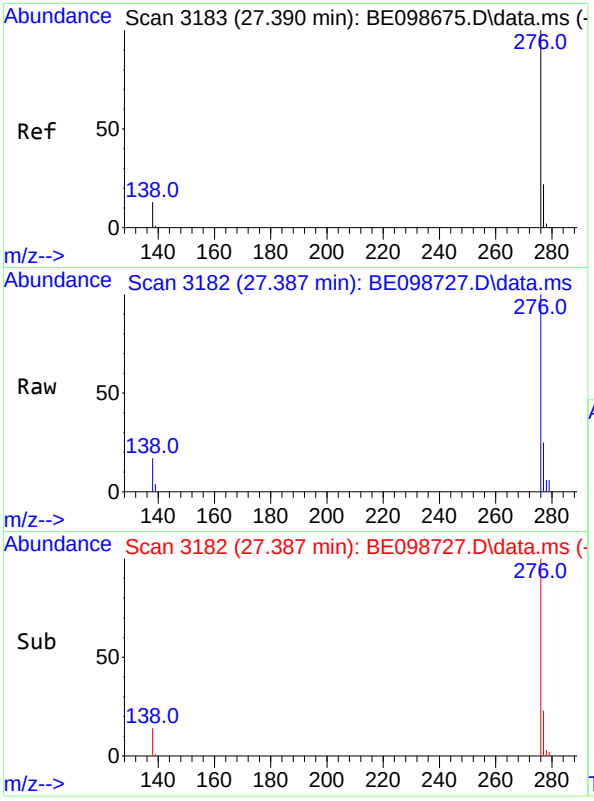


#38
Dibenzo(a,h)anthracene
Concen: 0.26 ng
RT: 26.602 min Scan# 2962
Delta R.T. 0.005 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:278 Resp: 5244

Ion	Ratio	Lower	Upper
278	100		
139	21.1	12.7	19.1#
279	29.8	22.0	33.0

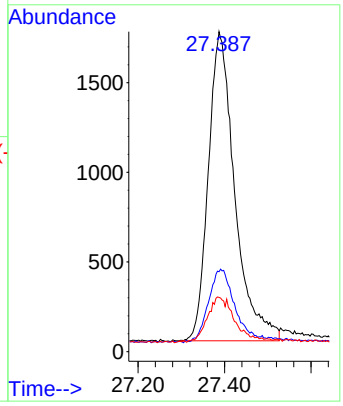




#39
Benzo(g,h,i)perylene
Concen: 0.33 ng
RT: 27.387 min Scan# 3182
Delta R.T. -0.003 min
Lab File: BE098727.D
Acq: 13 Feb 2019 14:56

Tgt Ion:276 Resp: 7333

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.3	30.5
138	16.9	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4