Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE021319\
Data File : BE098733.D
Acq On : 13 Feb 2019 18:40
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Feb 14 04:07:01 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	987	0.40	ng		0.00
7) Naphthalene-d8	10.602	136	4347	0.40	ng		0.00
13) Acenaphthene-d10	14.471	164	2874	0.40	ng		0.00
19) Phenanthrene-d10	17.229	188	6812	0.40	ng		0.00
27) Chrysene-d12	21.414	240	7739	0.40	ng		0.00
34) Perylene-d12	23.927	264	7337	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.408	112	996	0.34	ng		0.00
5) Phenol-d6	6.998	99	1484	0.35	ng		0.00
8) Nitrobenzene-d5	8.978	82	1548	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.209	152	3172	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.971	330	480	0.38	ng		-0.01
15) 2-Fluorobiphenyl	13.088	172	4809	0.39	ng		-0.01
25) Fluoranthene-d10	19.259	212	37212	0.38	ng		0.00
29) Terphenyl-d14	19.856	244	7319	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	681	0.36	ng		99
3) n-Nitrosodimethylamine	3.658	42	706	0.32	ng	#	87
6) bis(2-Chloroethyl)ether	7.239	93	1011	0.35	ng		92
9) Naphthalene	10.654	128	19863	0.40	ng		100
10) Hexachlorobutadiene	10.927	225	1292	0.39	ng		96
12) 2-Methylnaphthalene	12.281	142	3082	0.37	ng		91
16) Acenaphthylene	14.198	152	5519	0.37	ng		100
17) Acenaphthene	14.529	154	3410	0.39	ng		99
18) Fluorene	15.515	166	4648	0.39	ng		99
20) 4-Bromophenyl-phenylether	16.412	248	1473	0.37	ng		92
21) Hexachlorobenzene	16.533	284	1845	0.39	ng		97
22) Pentachlorophenol	16.894	266	341	0.28	ng		96
23) Phenanthrene	17.269	178	7254	0.39	ng		99
24) Anthracene	17.363	178	5770	0.37	ng		99
26) Fluoranthene	19.287	202	9332	0.39	ng		99
28) Pyrene	19.649	202	9562	0.39	ng		100
30) Benzo(a)anthracene	21.390	228	8702	0.37	ng		98
31) Chrysene	21.451	228	9613	0.38	ng		99
32) Bis(2-ethylhexyl)phtha...	21.318	149	14825	0.34	ng		99
33) Indeno(1,2,3-cd)pyrene	26.574	276	9274	0.35	ng		100
35) Benzo(b)fluoranthene	23.153	252	8941	0.38	ng	#	97
36) Benzo(k)fluoranthene	23.203	252	9603	0.38	ng		99
37) Benzo(a)pyrene	23.816	252	8497	0.37	ng	#	95
38) Dibenzo(a,h)anthracene	26.603	278	6811	0.32	ng	#	96
39) Benzo(g,h,i)perylene	27.387	276	8138	0.35	ng		97

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

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Data File : BE098733.D
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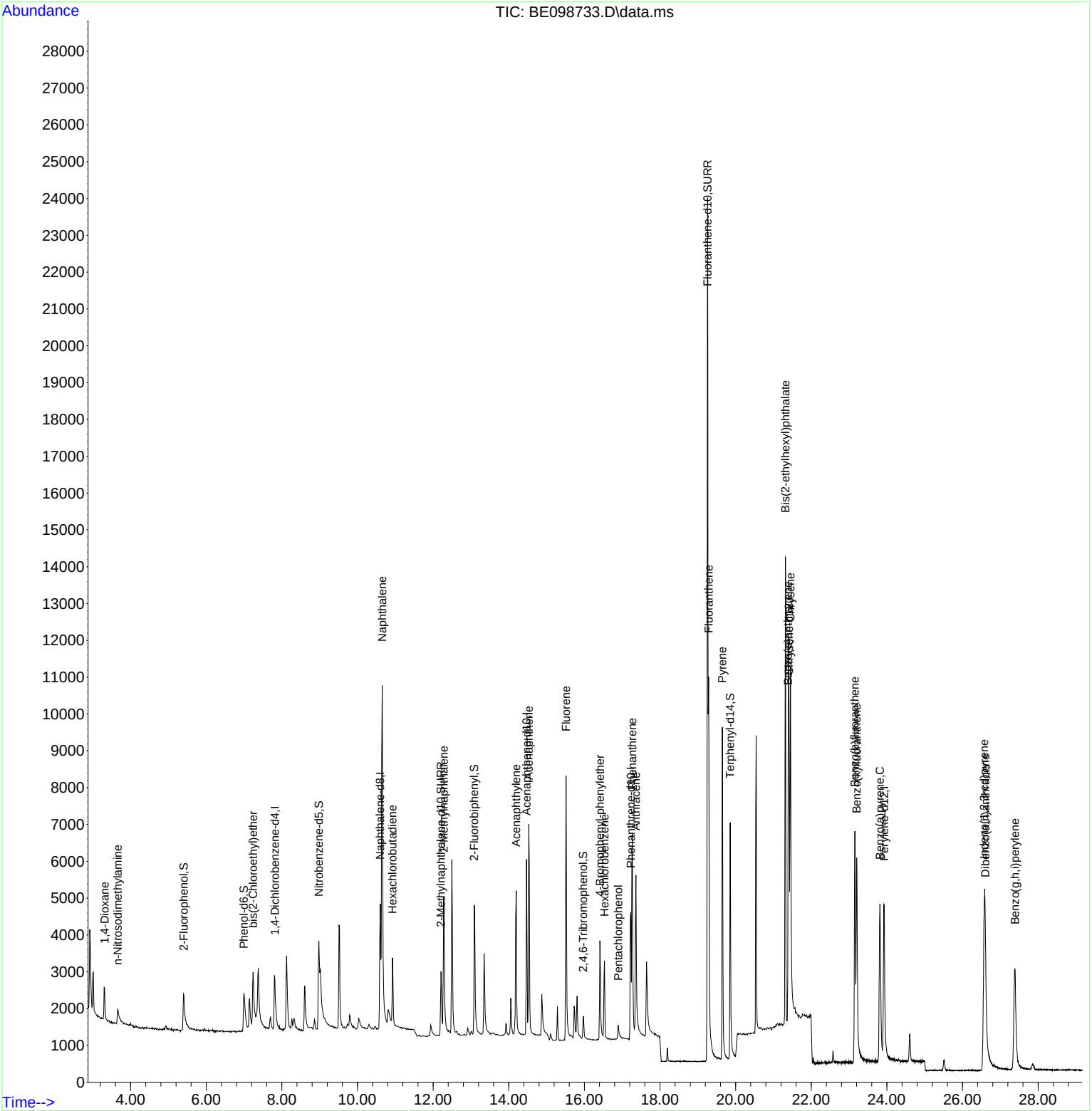
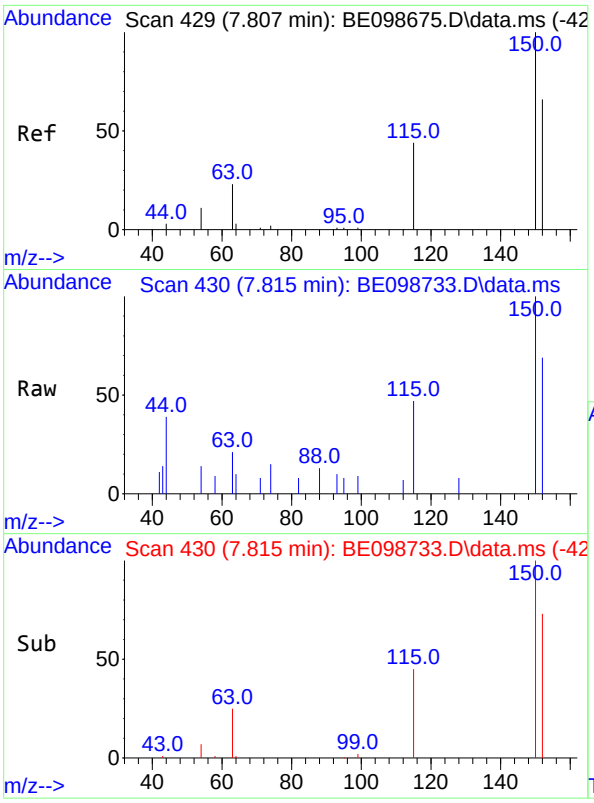
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 14 04:07:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration



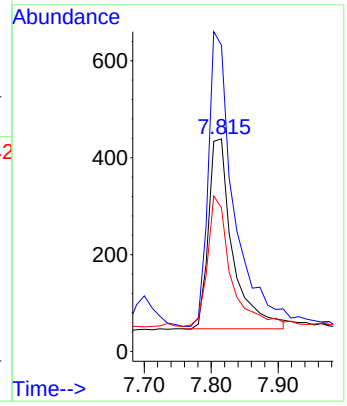
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

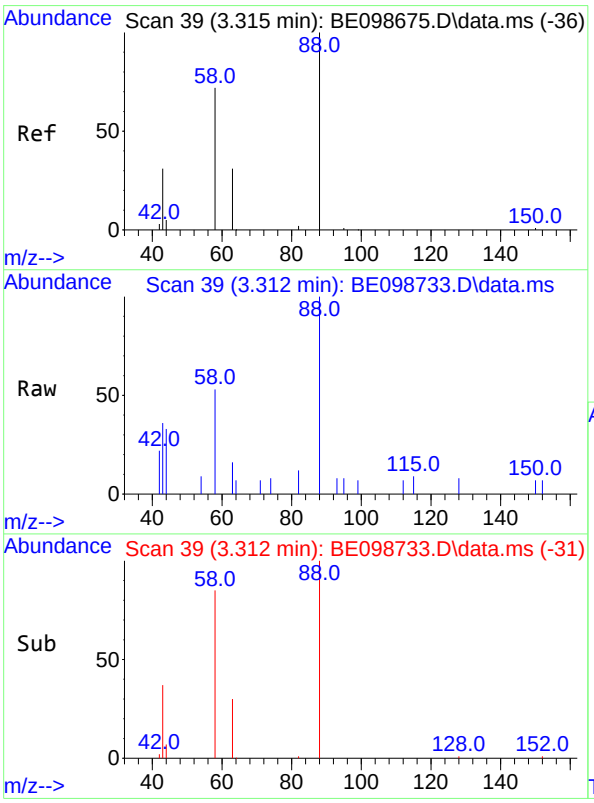


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.815 min Scan# 430
Delta R.T. 0.008 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:152 Resp: 987

Ion	Ratio	Lower	Upper
152	100		
150	144.0	121.4	182.2
115	67.7	59.1	88.7

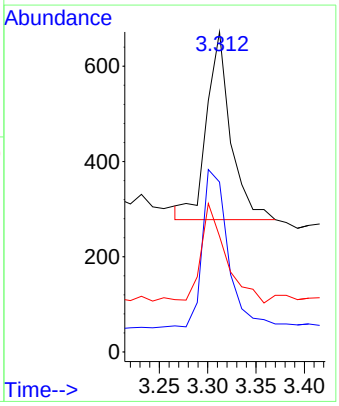




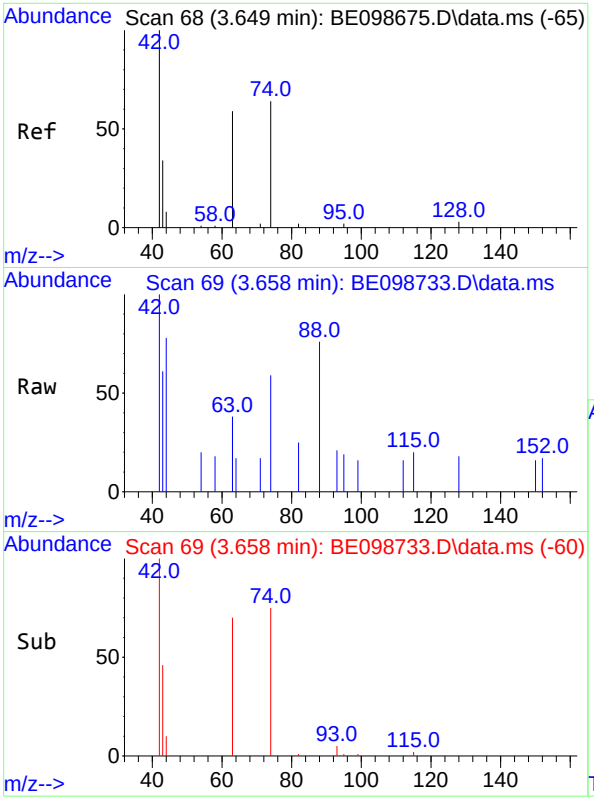
#2
1,4-Dioxane
Concen: 0.36 ng
RT: 3.312 min Scan# 39
Delta R.T. -0.003 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion: 88 Resp: 681

Ion	Ratio	Lower	Upper
88	100		
58	90.9	73.9	110.9
43	54.6	43.7	65.5



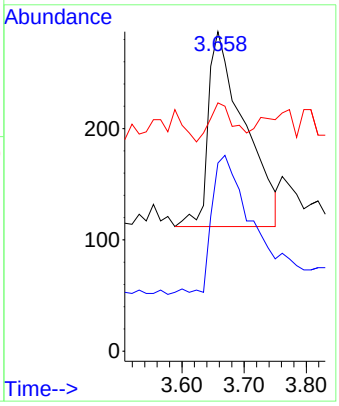
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

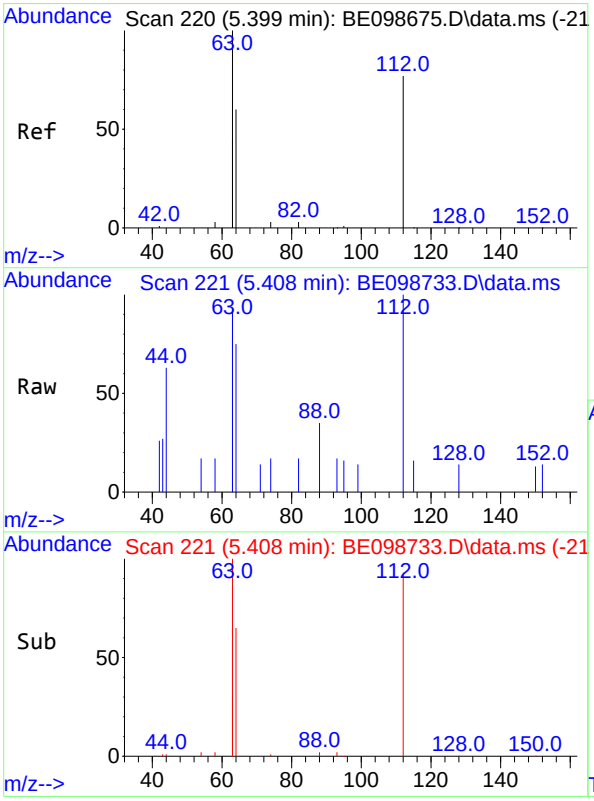


#3
n-Nitrosodimethylamine
Concen: 0.32 ng
RT: 3.658 min Scan# 69
Delta R.T. 0.009 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion: 42 Resp: 706

Ion	Ratio	Lower	Upper
42	100		
74	84.7	58.9	88.3
44	13.0	0.0	0.0#

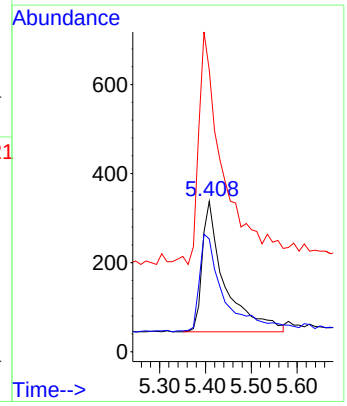




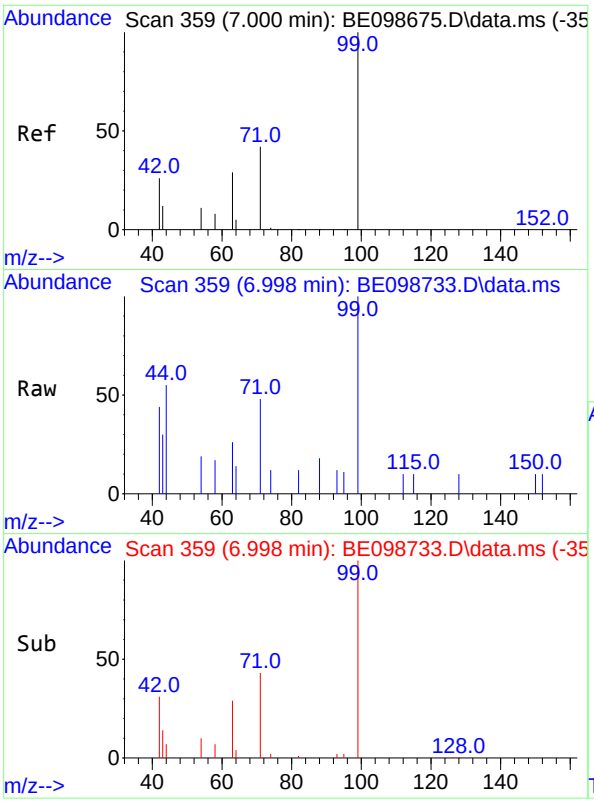
#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.408 min Scan# 221
Delta R.T. 0.009 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:112 Resp: 996

Ion	Ratio	Lower	Upper
112	100		
64	84.4	62.9	94.3
63	195.5	152.2	228.4



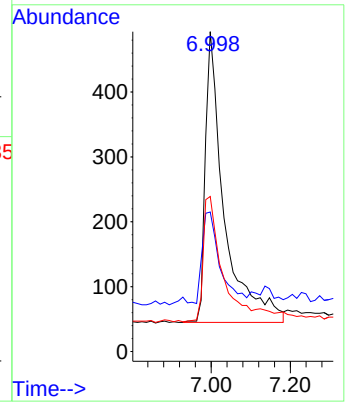
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

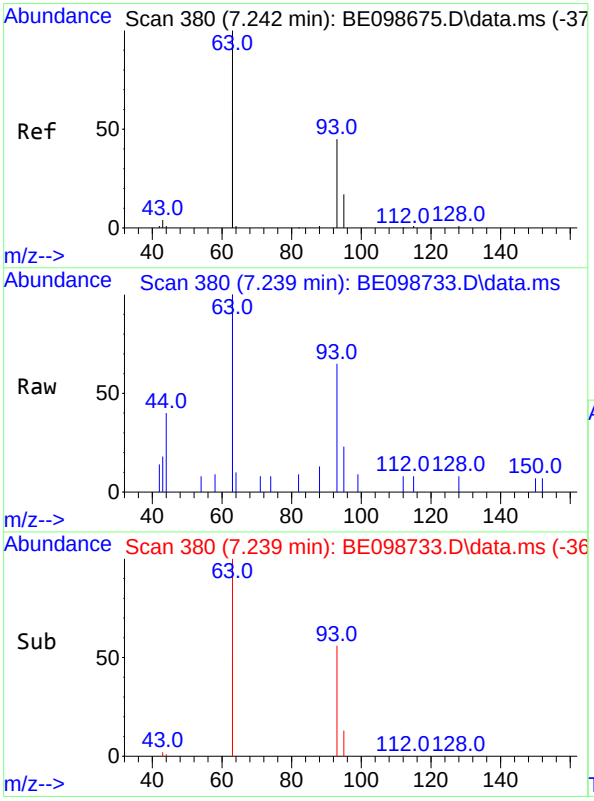


#5
Phenol-d6
Concen: 0.35 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.002 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion: 99 Resp: 1484

Ion	Ratio	Lower	Upper
99	100		
42	29.1	24.6	37.0
71	42.7	35.1	52.7

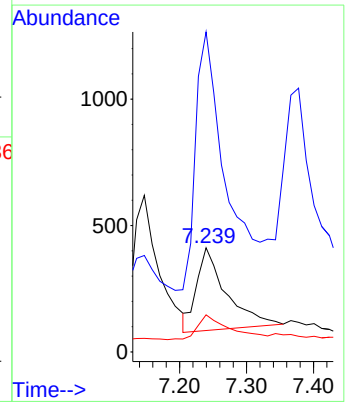




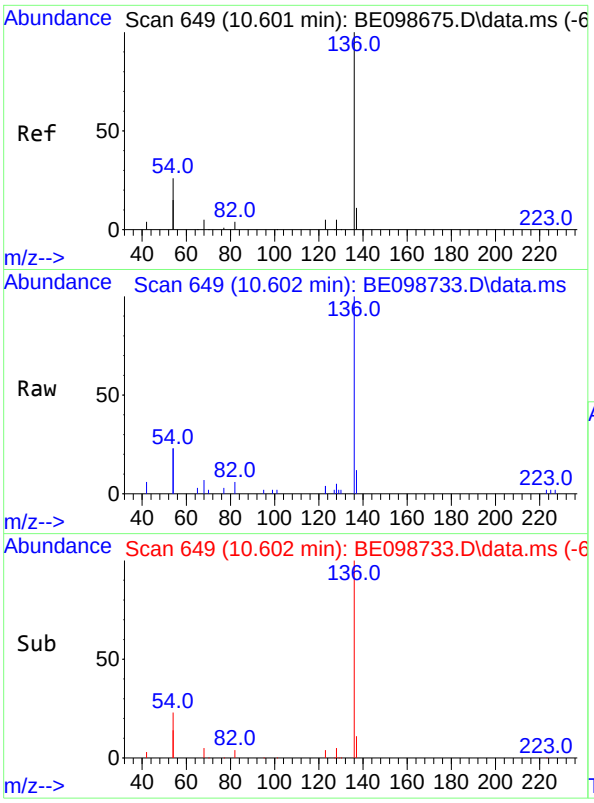
#6
bis(2-Chloroethyl)ether
Concen: 0.35 ng
RT: 7.239 min Scan# 380
Delta R.T. -0.003 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion: 93 Resp: 1011

Ion	Ratio	Lower	Upper
93	100		
63	316.4	267.3	400.9
95	32.3	26.2	39.4



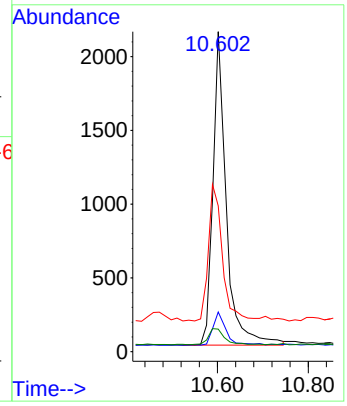
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

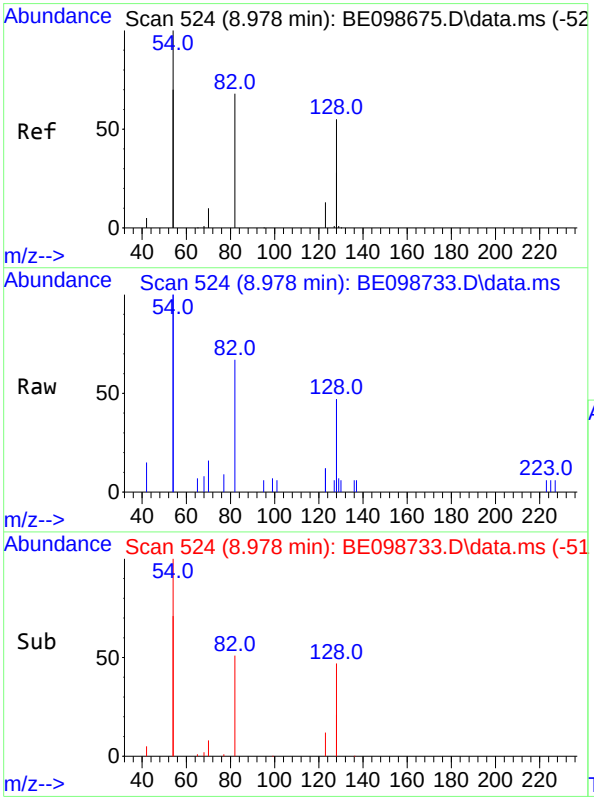


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 649
Delta R.T. 0.001 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:136 Resp: 4347

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	45.6	35.5	53.3
68	7.1	5.0	7.6

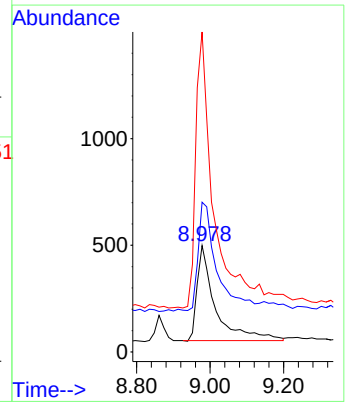


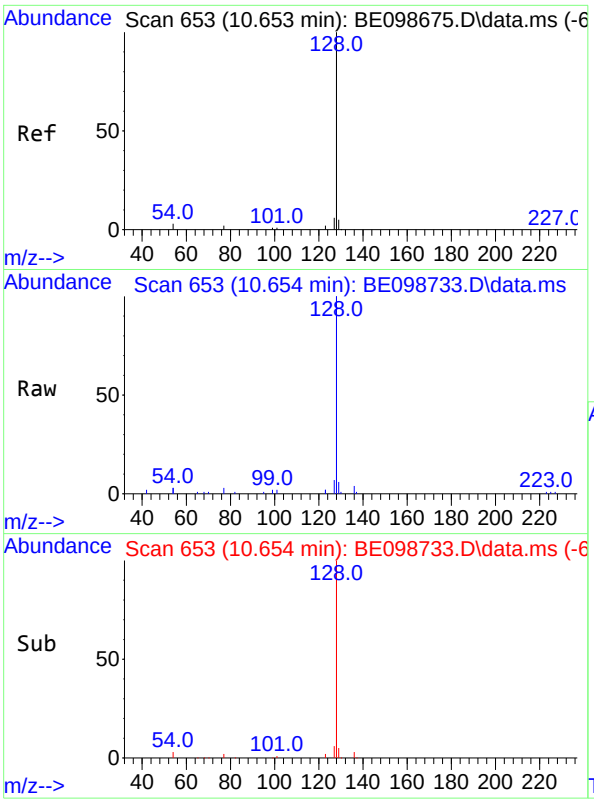


#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.978 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion: 82 Resp: 1548

Ion	Ratio	Lower	Upper
82	100		
128	140.7	96.5	144.7
54	300.6	224.7	337.1

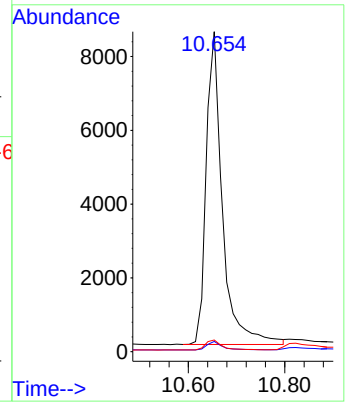




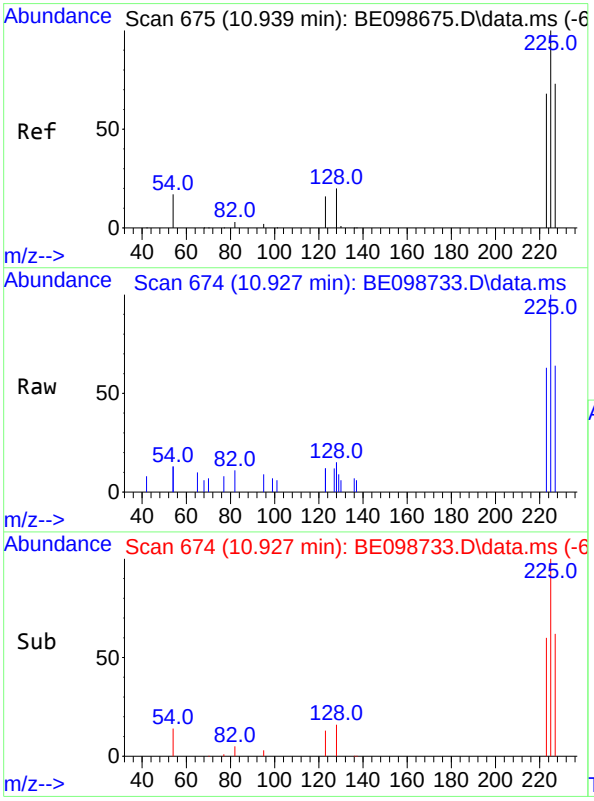
#9
Naphthalene
Concen: 0.40 ng
RT: 10.654 min Scan# 653
Delta R.T. 0.001 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:128 Resp: 19863

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.7	3.0	4.6



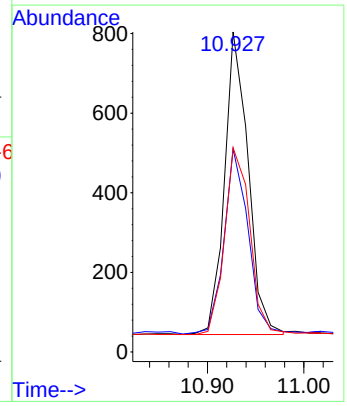
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC



#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.927 min Scan# 674
Delta R.T. -0.012 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:225 Resp: 1292

Ion	Ratio	Lower	Upper
225	100		
223	62.3	47.8	71.8
227	66.0	50.5	75.7



Instrument :
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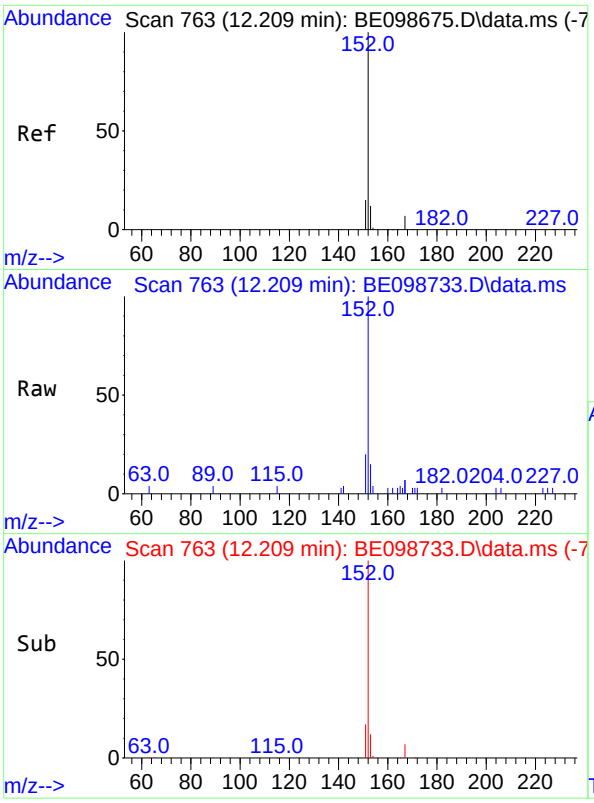
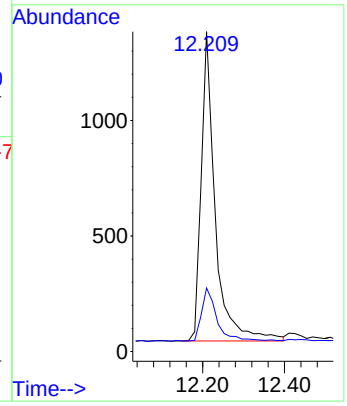
SSTDCCC0.4EC

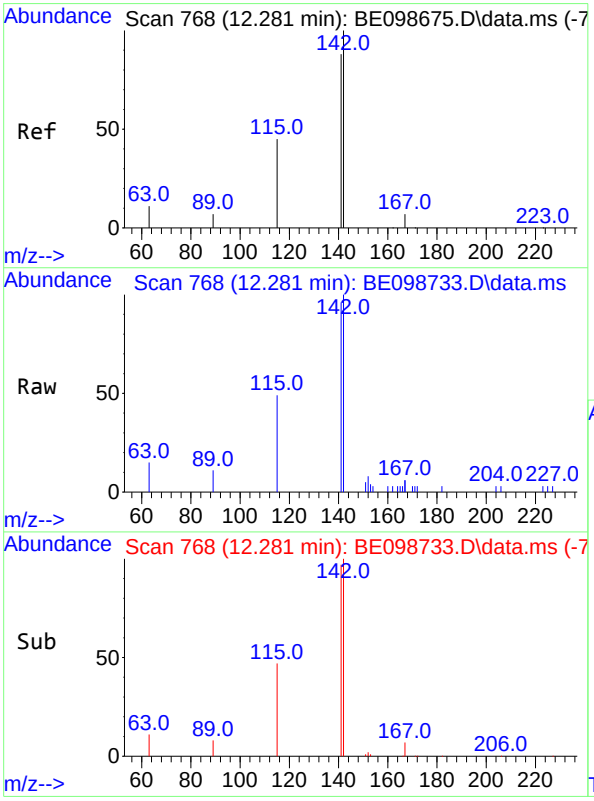


#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.209 min Scan# 763
Delta R.T. 0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:152 Resp: 3172

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4

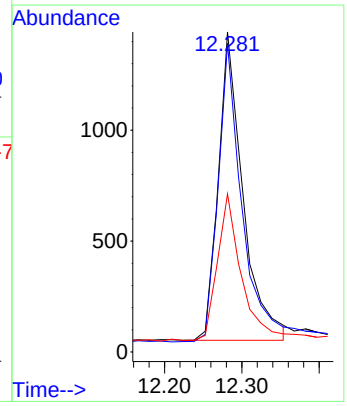




#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.281 min Scan# 768
Delta R.T. 0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:142 Resp: 3082

Ion	Ratio	Lower	Upper
142	100		
141	96.5	70.0	105.0
115	49.4	35.2	52.8



Instrument :
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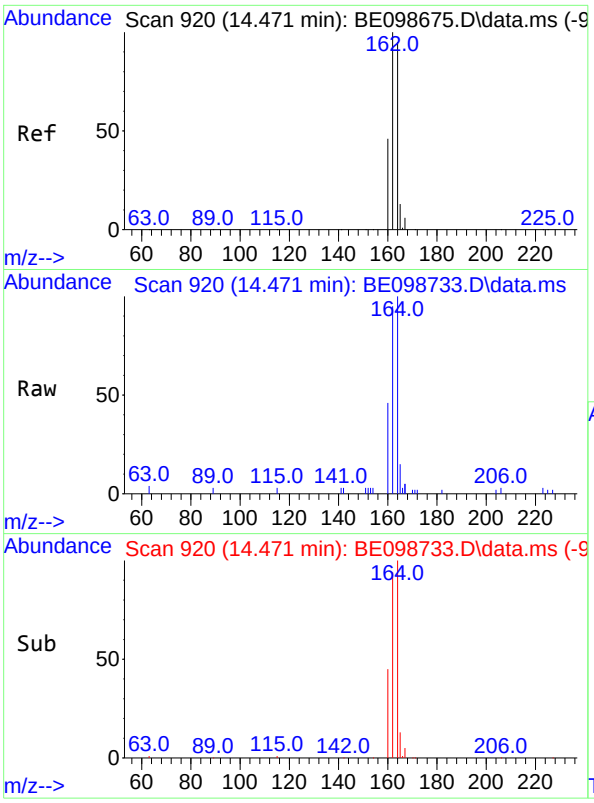
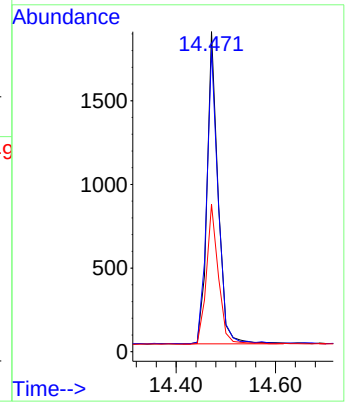
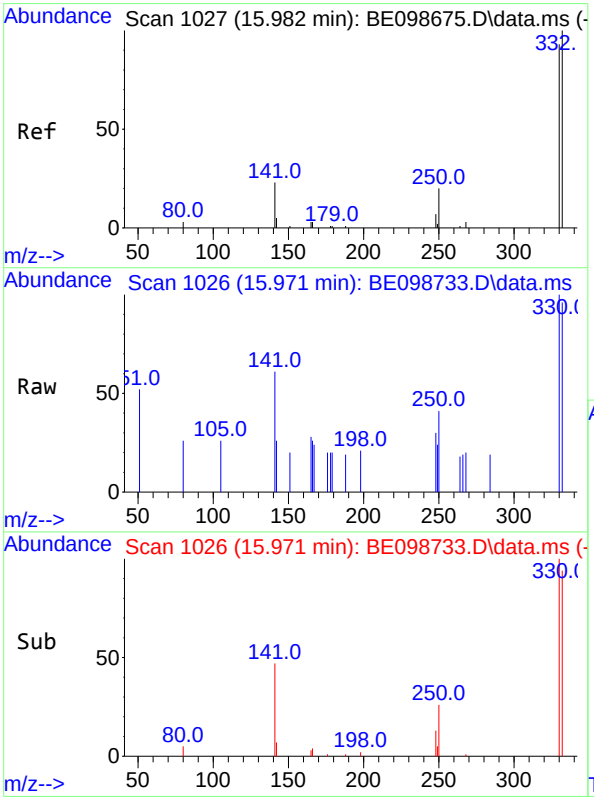


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. 0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:164 Resp: 2874

Ion	Ratio	Lower	Upper
164	100		
162	94.7	80.5	120.7
160	46.1	40.1	60.1

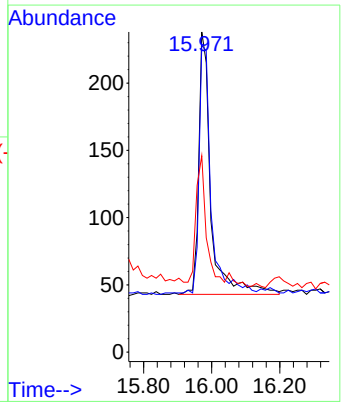




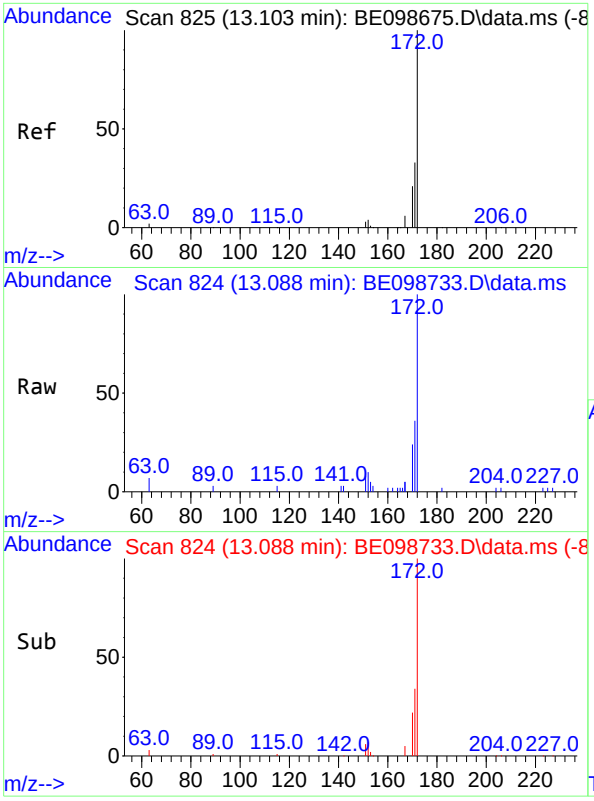
#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.971 min Scan# 1026
Delta R.T. -0.011 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:330 Resp: 480

Ion	Ratio	Lower	Upper
330	100		
332	92.1	73.3	109.9
141	38.5	33.1	49.7



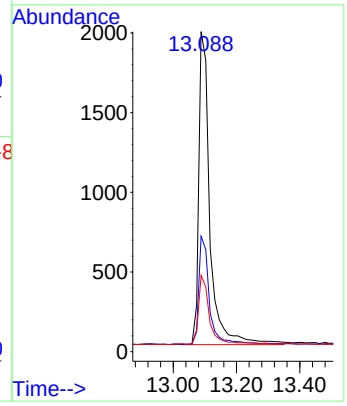
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

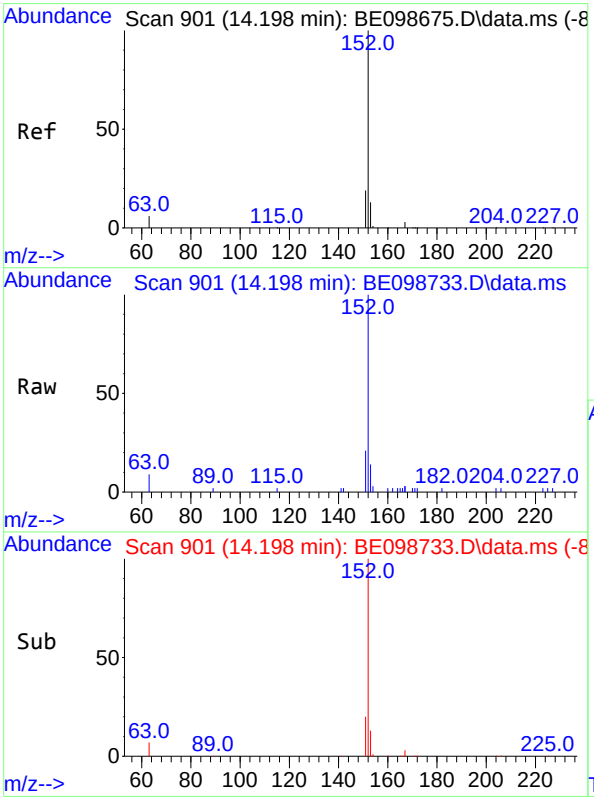


#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.088 min Scan# 824
Delta R.T. -0.015 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:172 Resp: 4809

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	23.9	20.8	31.2

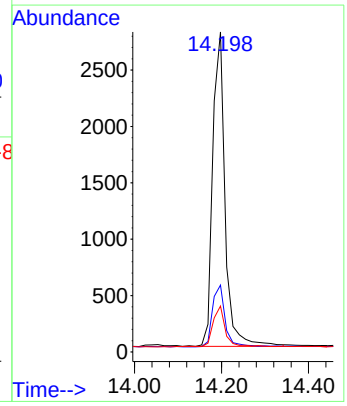




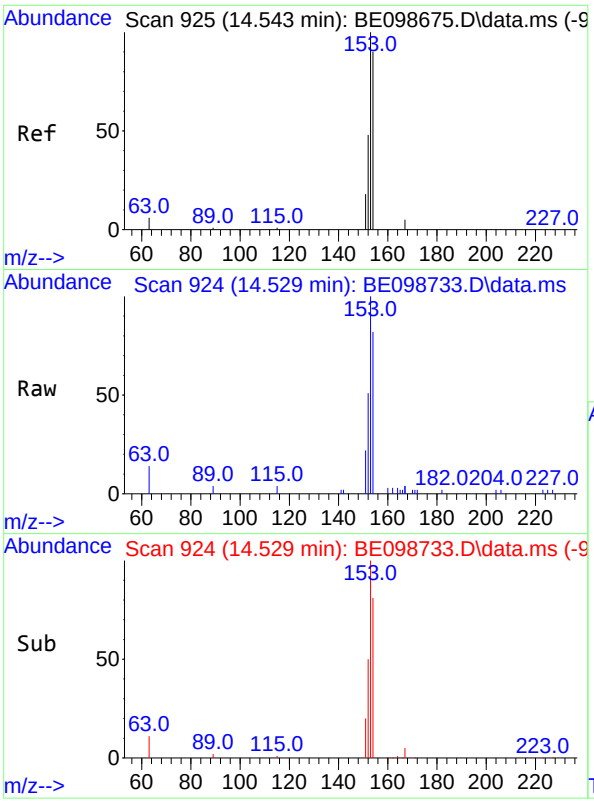
#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.198 min Scan# 901
Delta R.T. -0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:152 Resp: 5519

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1



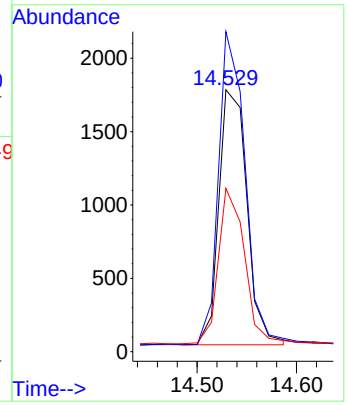
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

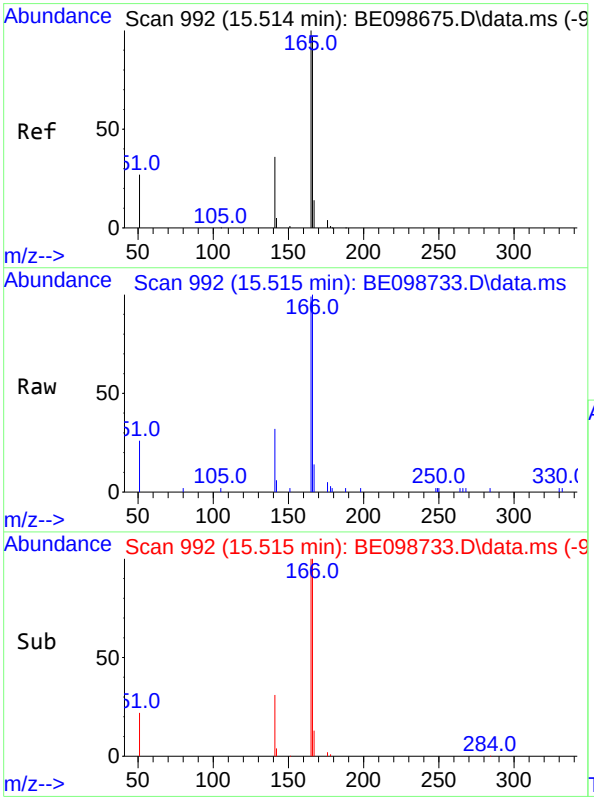


#17
Acenaphthene
Concen: 0.39 ng
RT: 14.529 min Scan# 924
Delta R.T. -0.014 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:154 Resp: 3410

Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.9	140.9
152	56.7	45.8	68.8

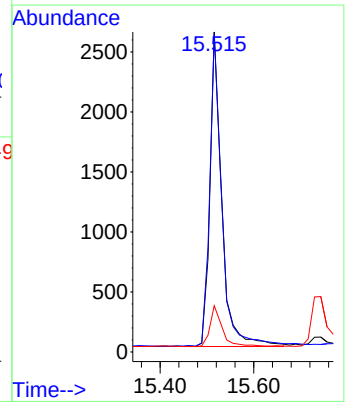




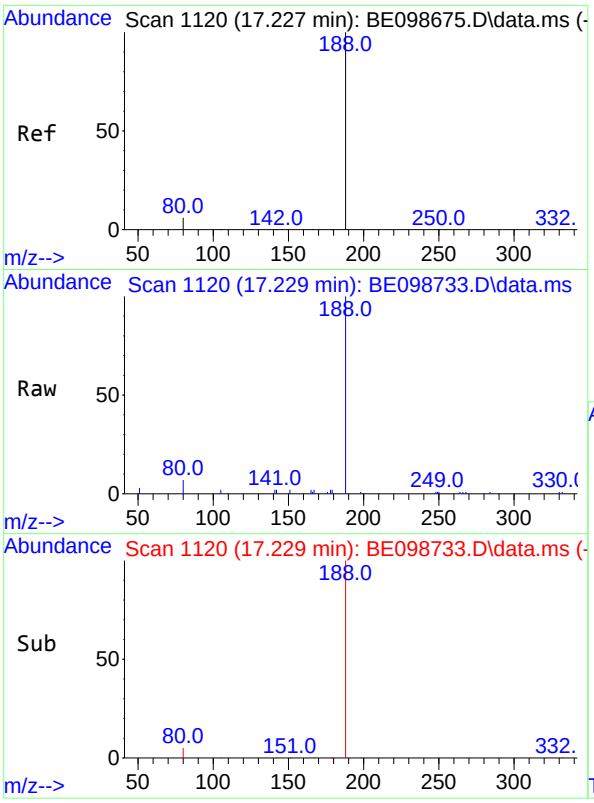
#18
Fluorene
Concen: 0.39 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:166 Resp: 4648

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.3	118.9
167	13.5	10.6	15.8



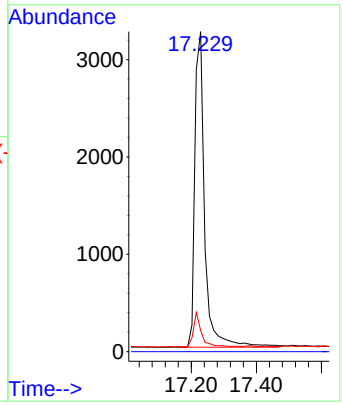
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

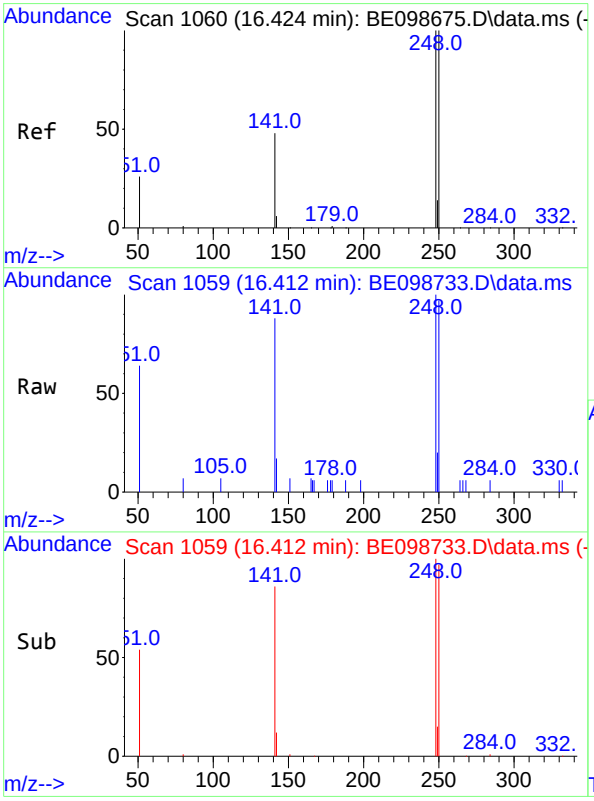


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.229 min Scan# 1120
Delta R.T. 0.002 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:188 Resp: 6812

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	4.7	7.1

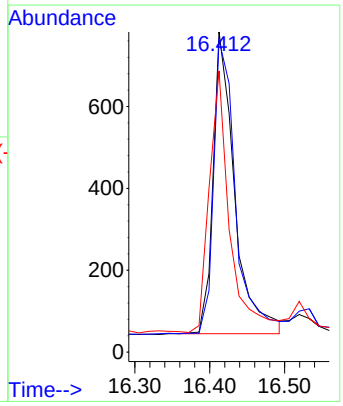




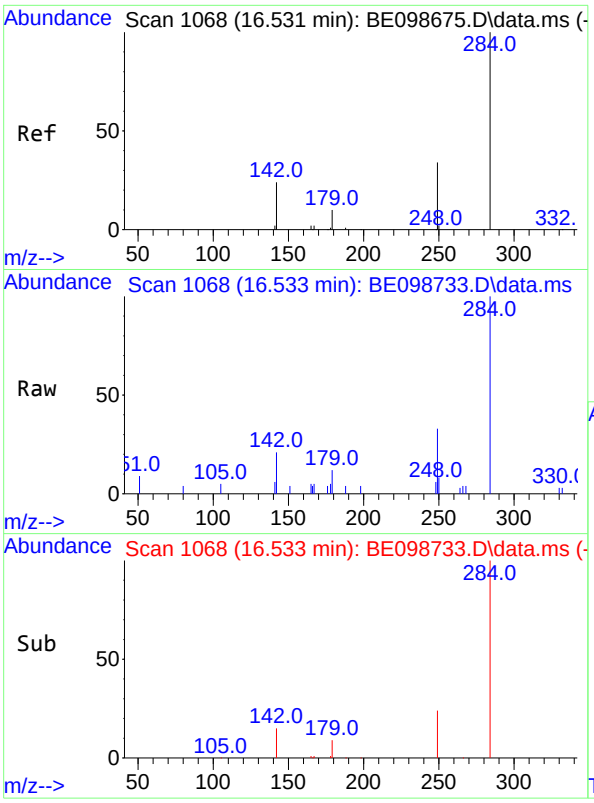
#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.412 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:248 Resp: 1473

Ion	Ratio	Lower	Upper
248	100		
250	97.4	80.2	120.4
141	87.9	60.5	90.7



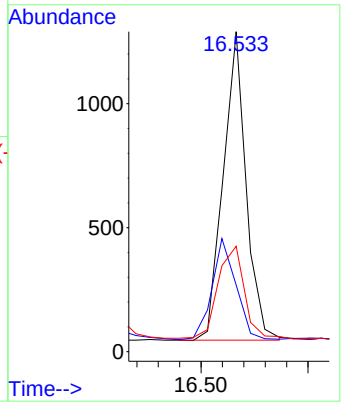
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

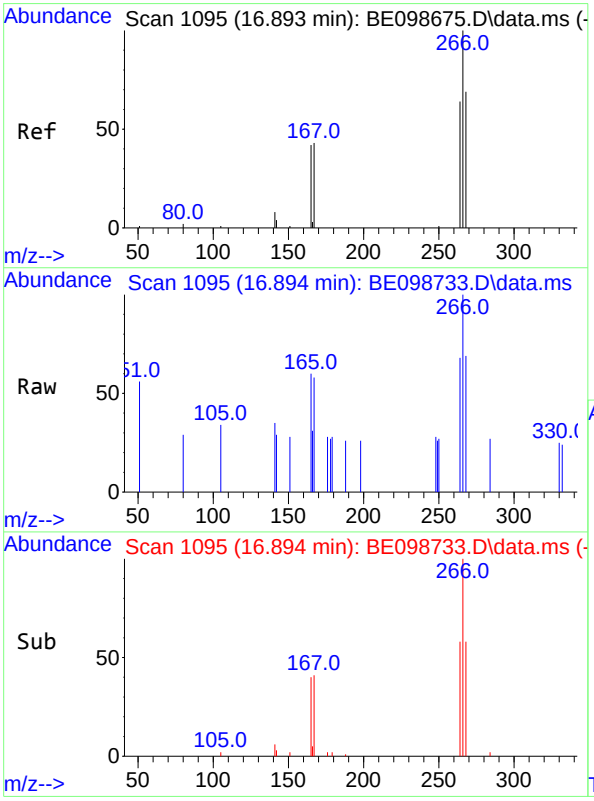


#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.533 min Scan# 1068
Delta R.T. 0.002 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:284 Resp: 1845

Ion	Ratio	Lower	Upper
284	100		
142	34.3	25.5	38.3
249	34.0	26.6	39.8

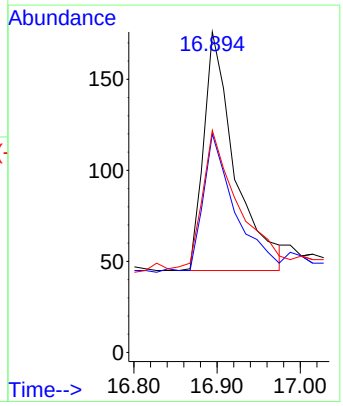




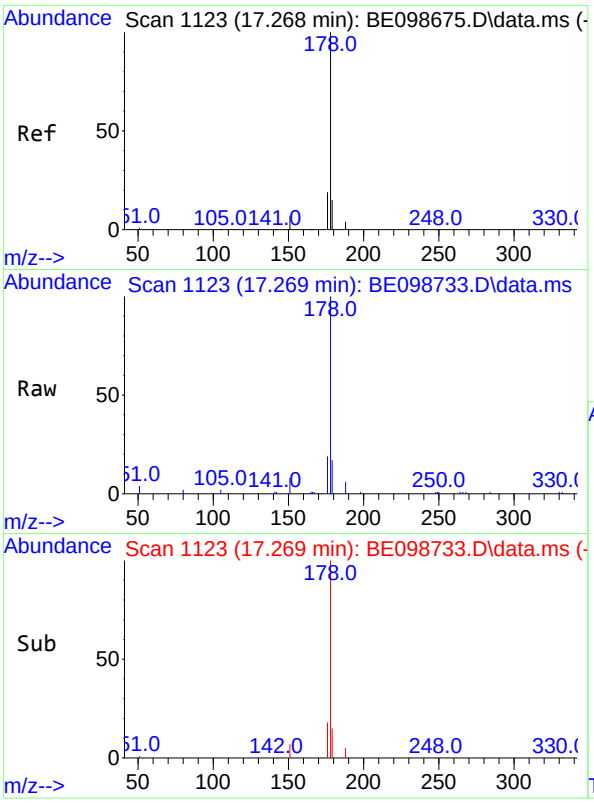
#22
Pentachlorophenol
Concen: 0.28 ng
RT: 16.894 min Scan# 1095
Delta R.T. 0.001 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:266 Resp: 341

Ion	Ratio	Lower	Upper
266	100		
264	68.2	53.7	80.5
268	69.3	59.8	89.8



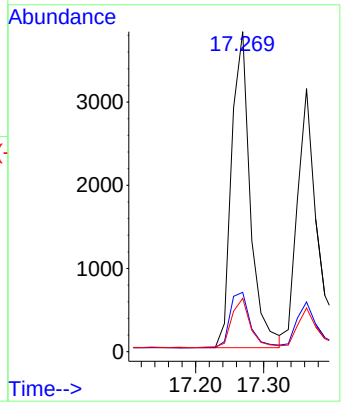
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

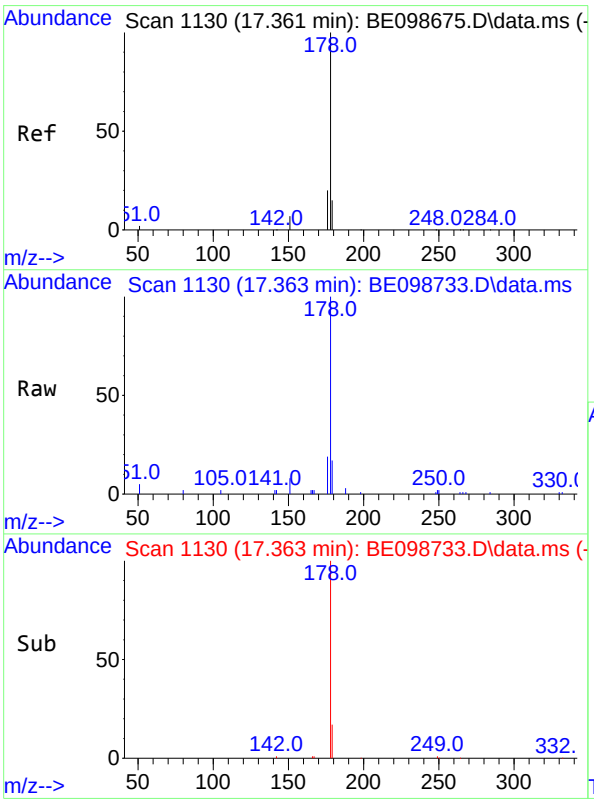


#23
Phenanthrene
Concen: 0.39 ng
RT: 17.269 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:178 Resp: 7254

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.7	12.2	18.4

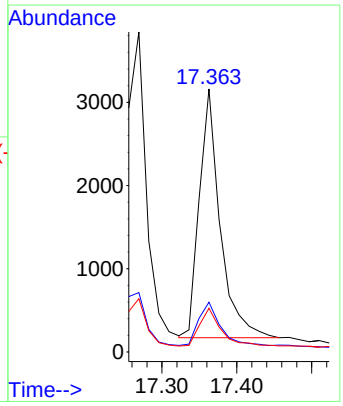




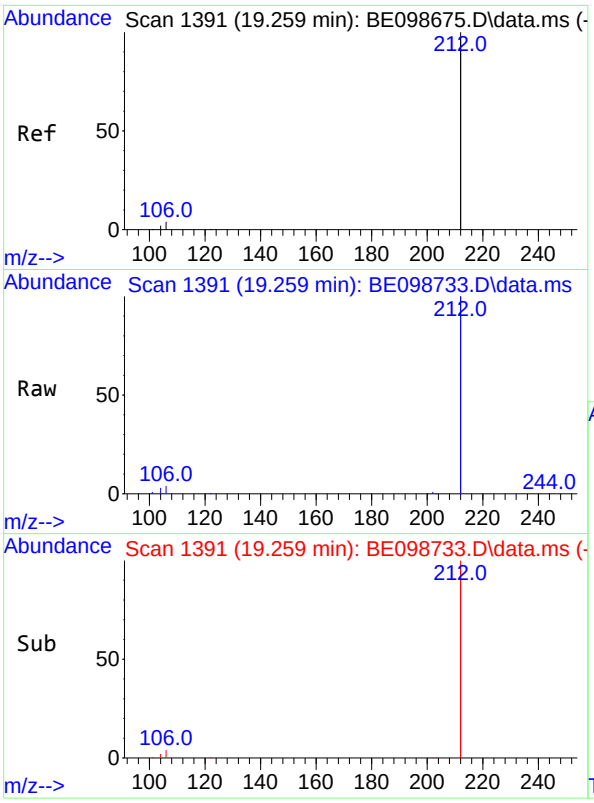
#24
Anthracene
Concen: 0.37 ng
RT: 17.363 min Scan# 1130
Delta R.T. 0.002 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:178 Resp: 5770

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	15.5	11.8	17.8



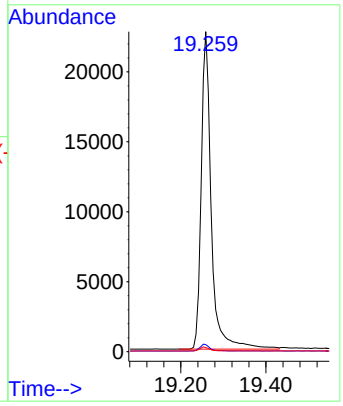
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

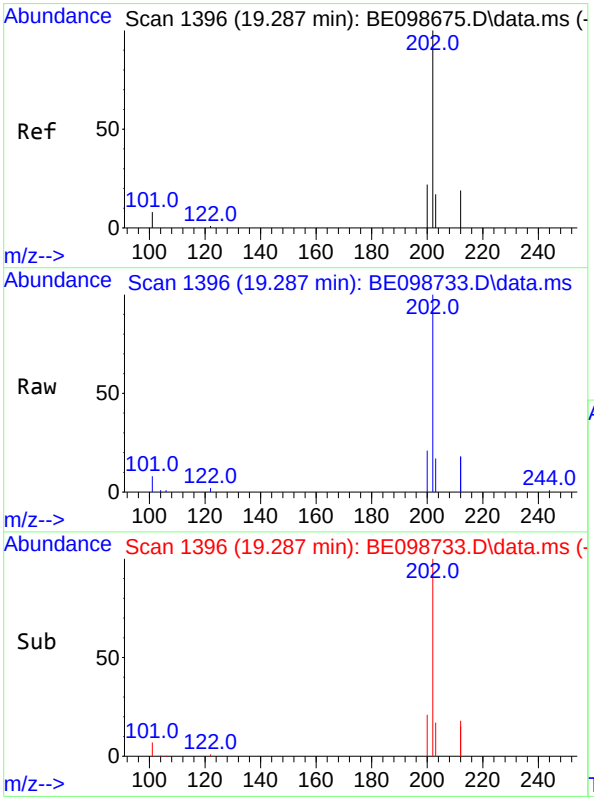


#25
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.259 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:212 Resp: 37212

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

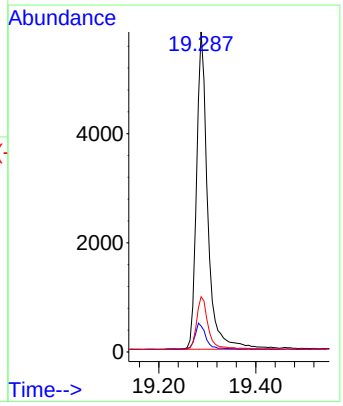




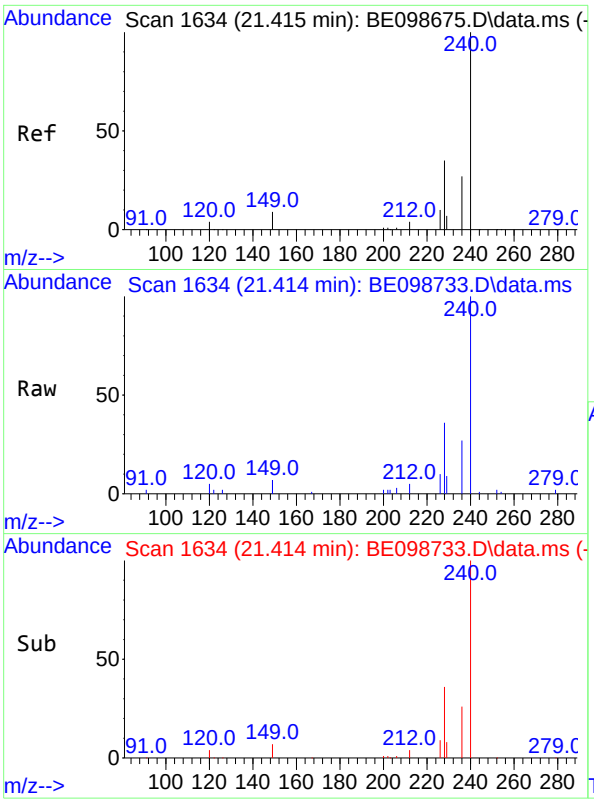
#26
Fluoranthene
Concen: 0.39 ng
RT: 19.287 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:202 Resp: 9332

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.7	10.1
203	17.0	13.3	19.9



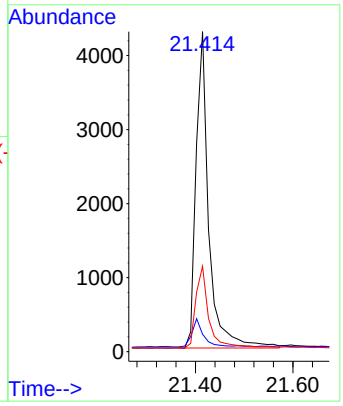
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

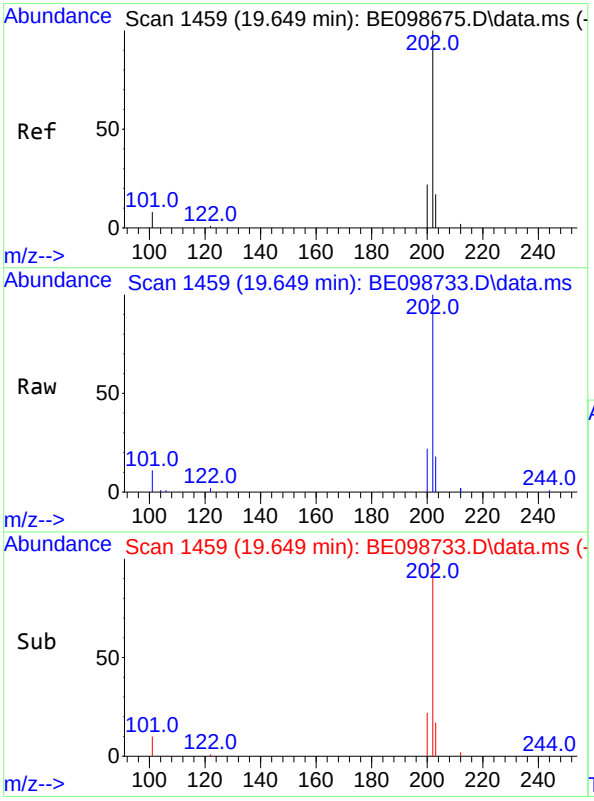


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1634
Delta R.T. -0.001 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:240 Resp: 7739

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.7	7.1
236	26.7	21.9	32.9

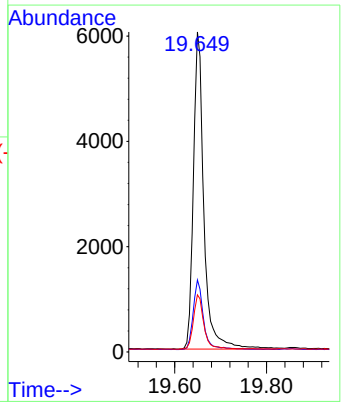




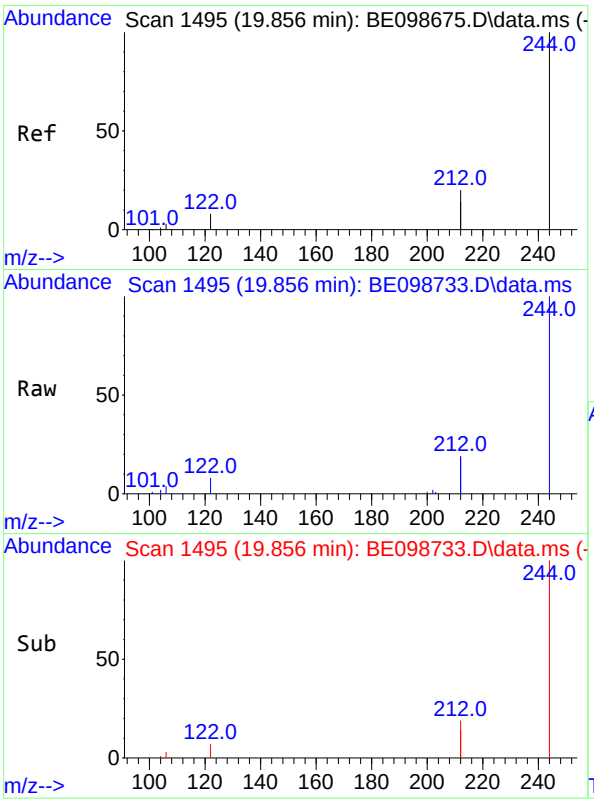
#28
Pyrene
Concen: 0.39 ng
RT: 19.649 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:202 Resp: 9562

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.3	13.8	20.8



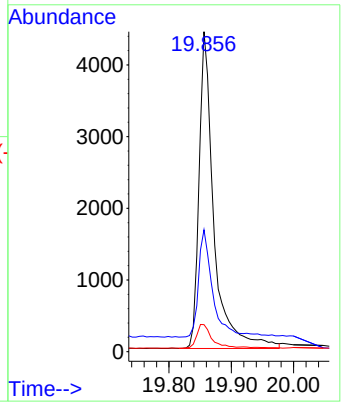
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

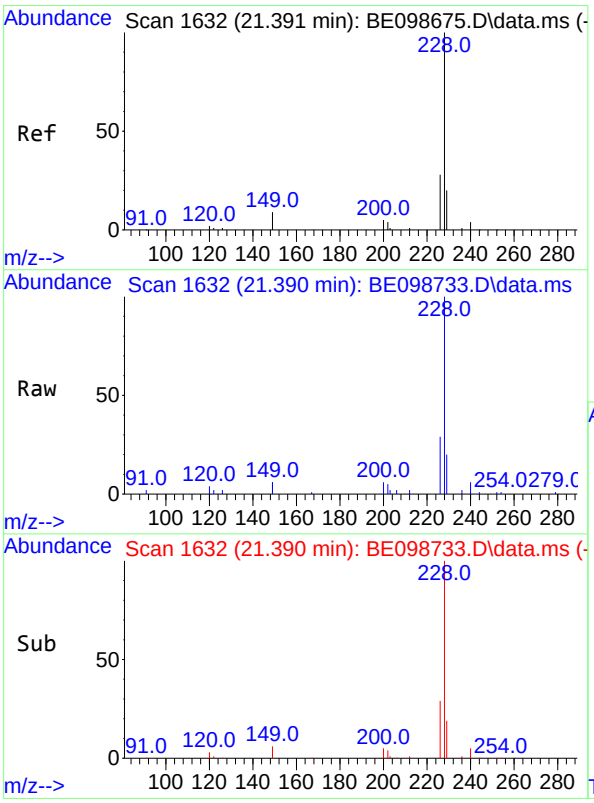


#29
Terphenyl-d14
Concen: 0.38 ng
RT: 19.856 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:244 Resp: 7319

Ion	Ratio	Lower	Upper
244	100		
212	38.1	29.4	44.2
122	8.5	7.1	10.7

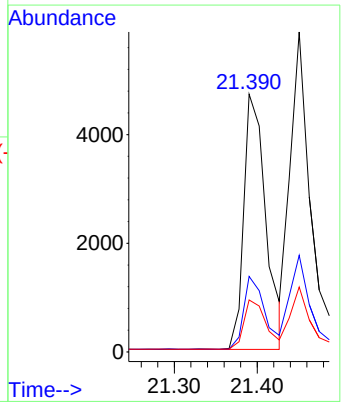




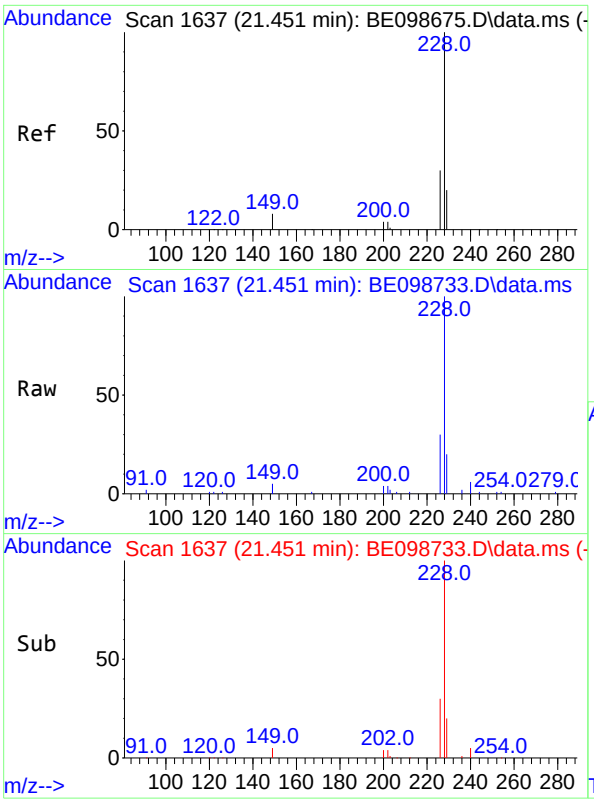
#30
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.390 min Scan# 1632
Delta R.T. -0.001 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:228 Resp: 8702

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.4
229	20.2	15.0	22.6



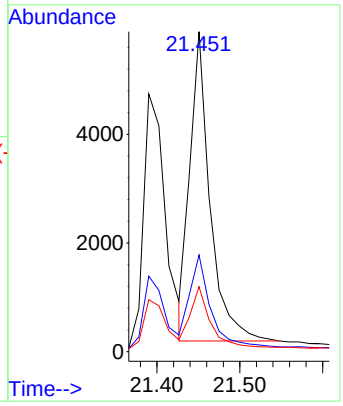
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

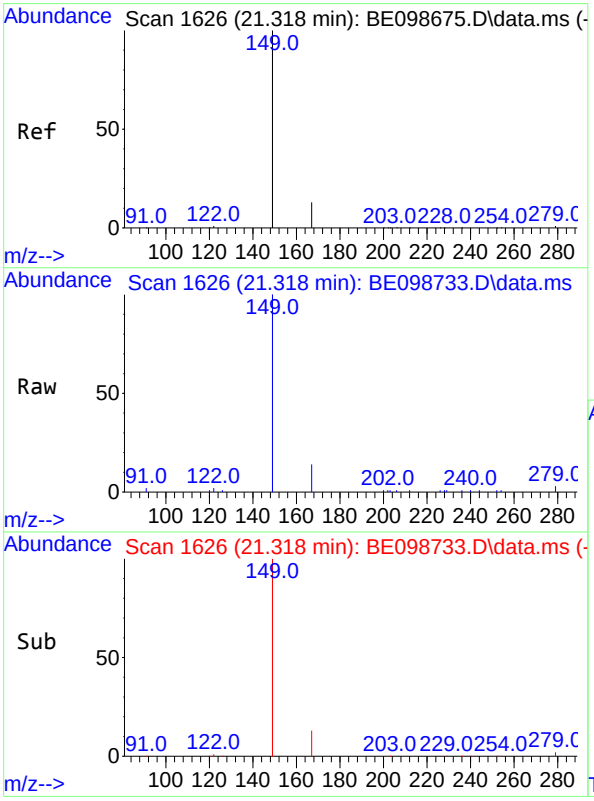


#31
Chrysene
Concen: 0.38 ng
RT: 21.451 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:228 Resp: 9613

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	36.8
229	20.3	16.4	24.6

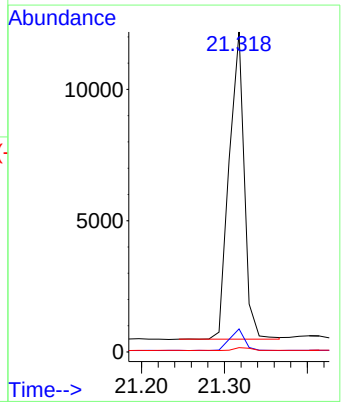




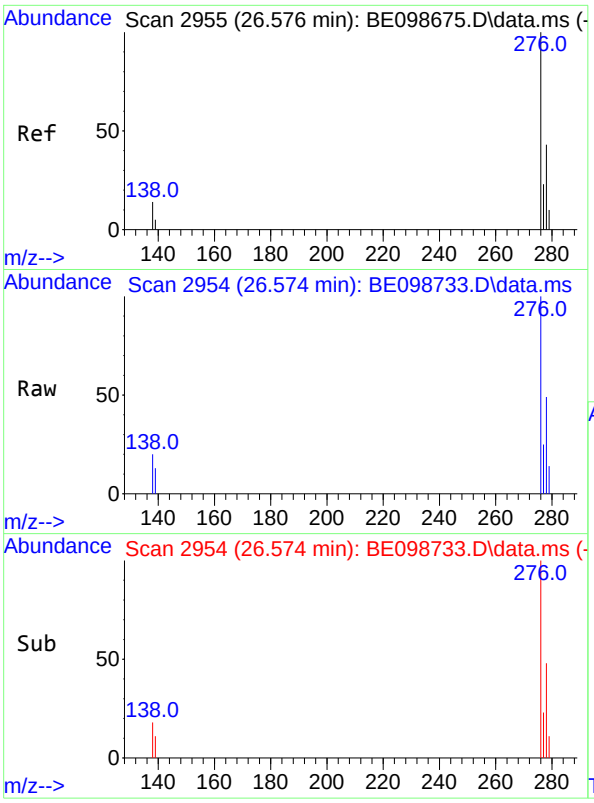
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.318 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:149 Resp: 14825

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.2
279	1.3	1.0	1.4



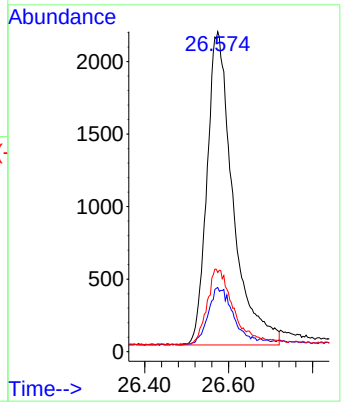
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

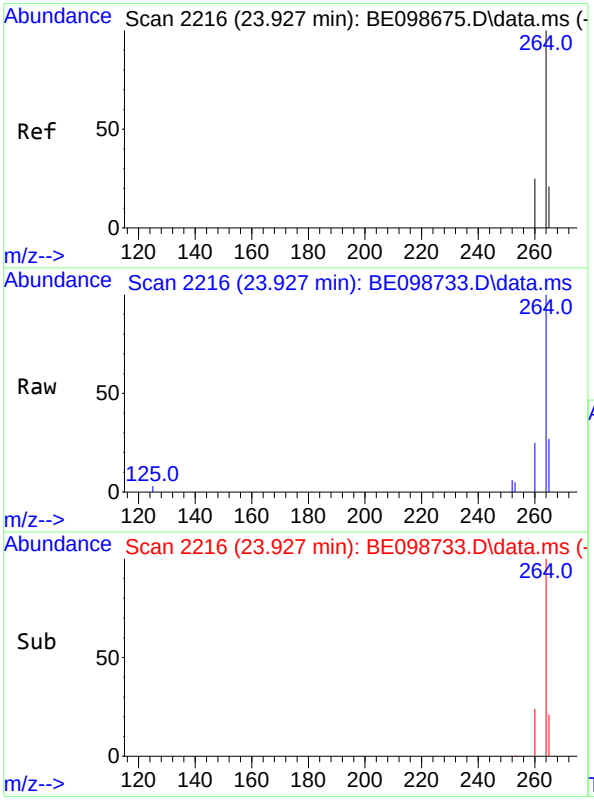


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 26.574 min Scan# 2954
Delta R.T. -0.002 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:276 Resp: 9274

Ion	Ratio	Lower	Upper
276	100		
138	16.7	13.3	19.9
277	24.3	19.4	29.0

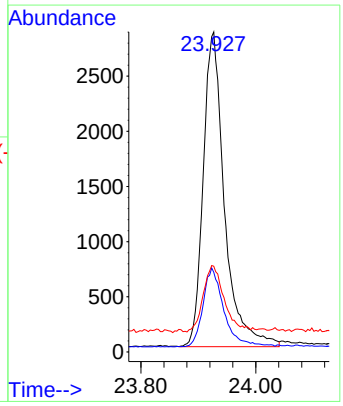


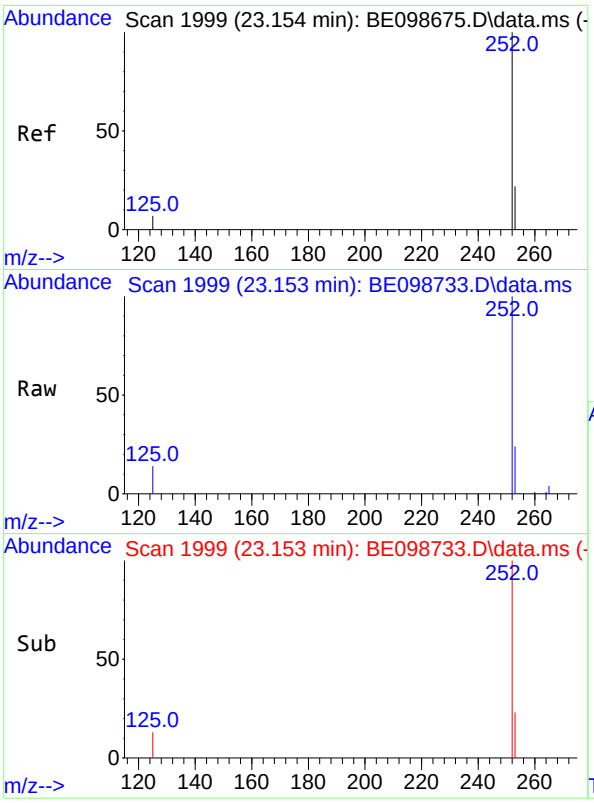


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.927 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:264 Resp: 7337

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	26.8	22.3	33.5

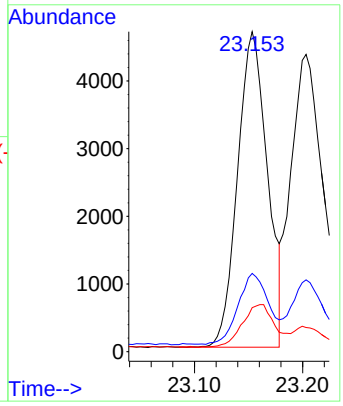




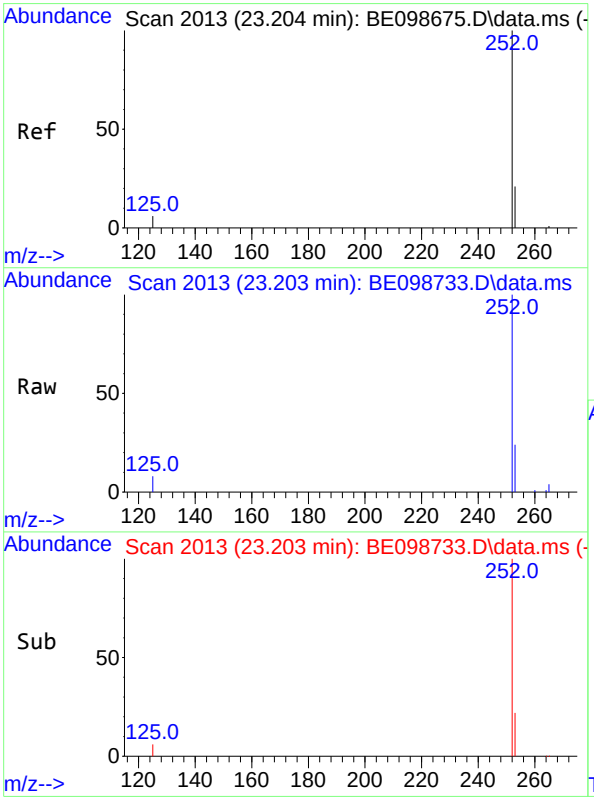
#35
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.153 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:252 Resp: 8941

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.0
125	13.8	8.2	12.4#



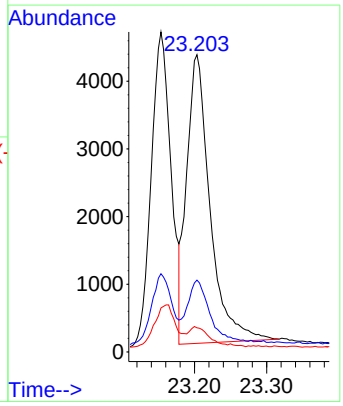
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC



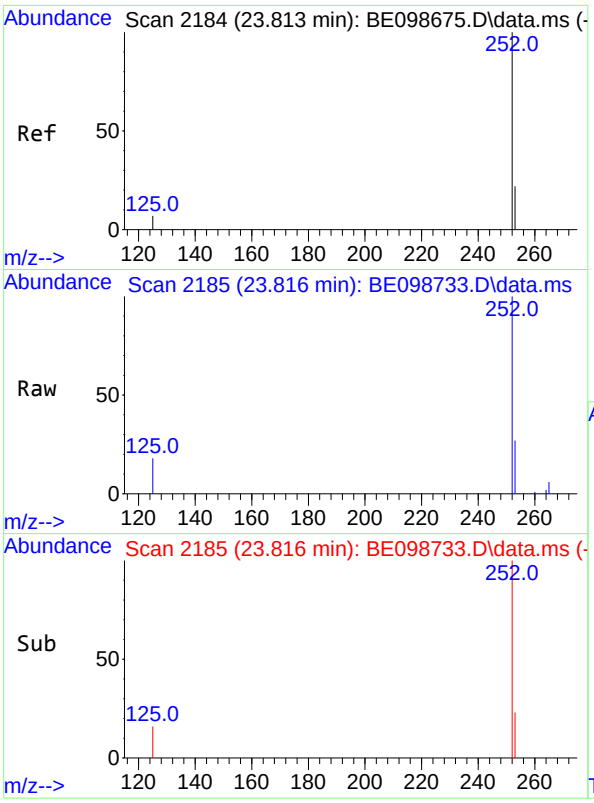
#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.203 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:252 Resp: 9603

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.4
125	8.1	7.0	10.4



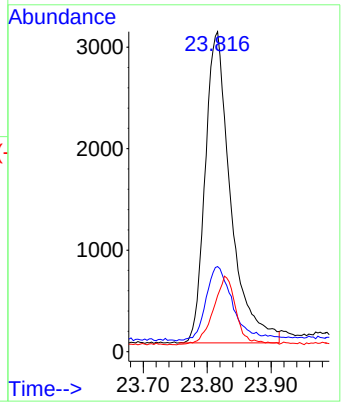
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

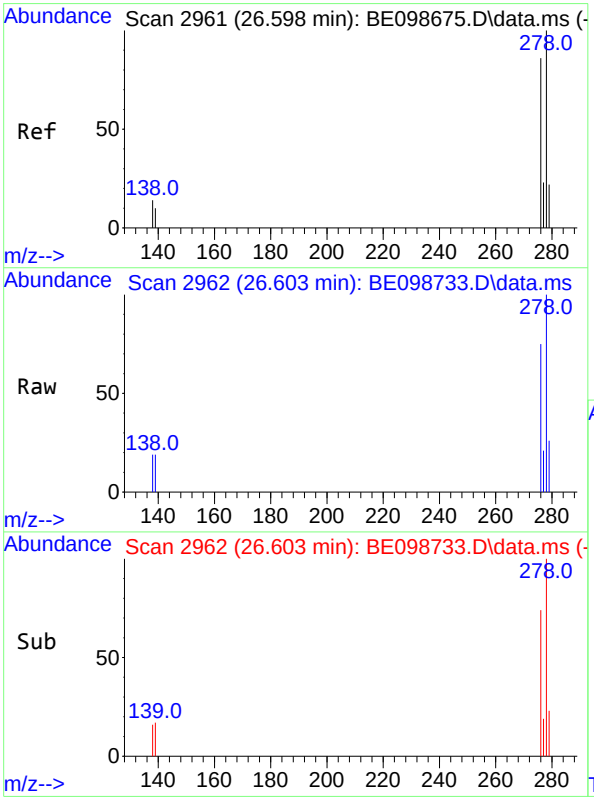


#37
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.816 min Scan# 2185
Delta R.T. 0.003 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:252 Resp: 8497

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.0	31.4
125	17.5	9.2	13.8#

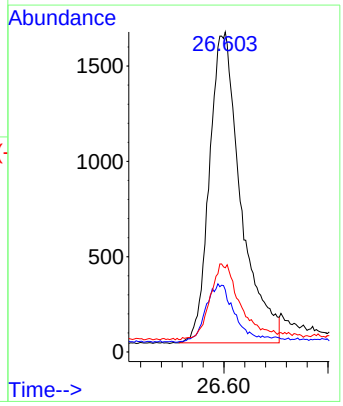


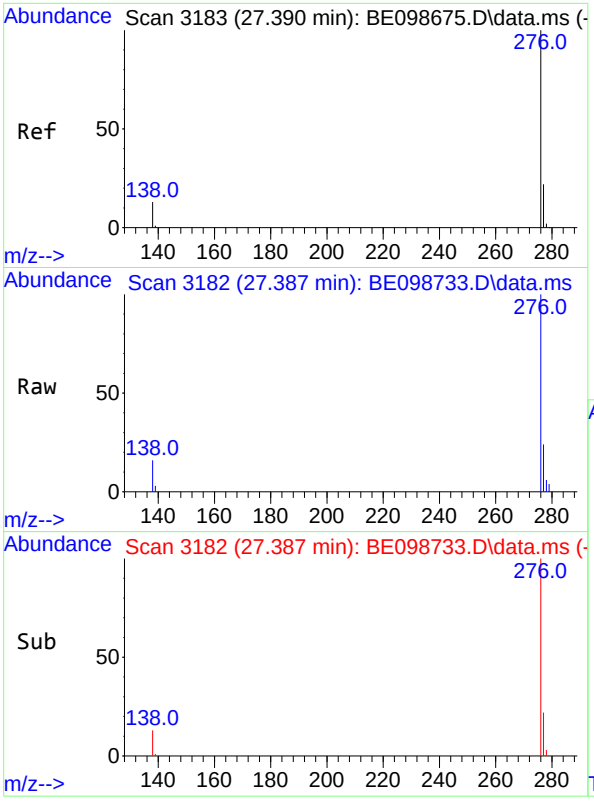


#38
Dibenzo(a,h)anthracene
Concen: 0.32 ng
RT: 26.603 min Scan# 2962
Delta R.T. 0.005 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:278 Resp: 6811

Ion	Ratio	Lower	Upper
278	100		
139	19.4	12.7	19.1#
279	26.3	22.0	33.0

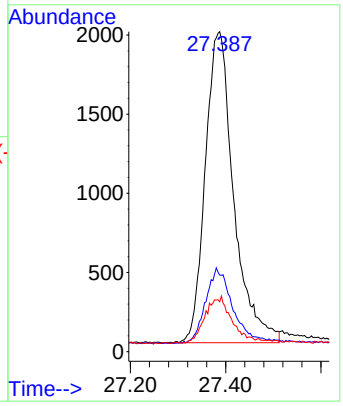




#39
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 27.387 min Scan# 3182
Delta R.T. -0.002 min
Lab File: BE098733.D
Acq: 13 Feb 2019 18:40

Tgt Ion:276 Resp: 8138

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.3	30.5
138	15.6	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC