Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020719\
Data File : BE098725.D
Acq On : 7 Feb 2019 14:38
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Feb 09 06:14:23 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

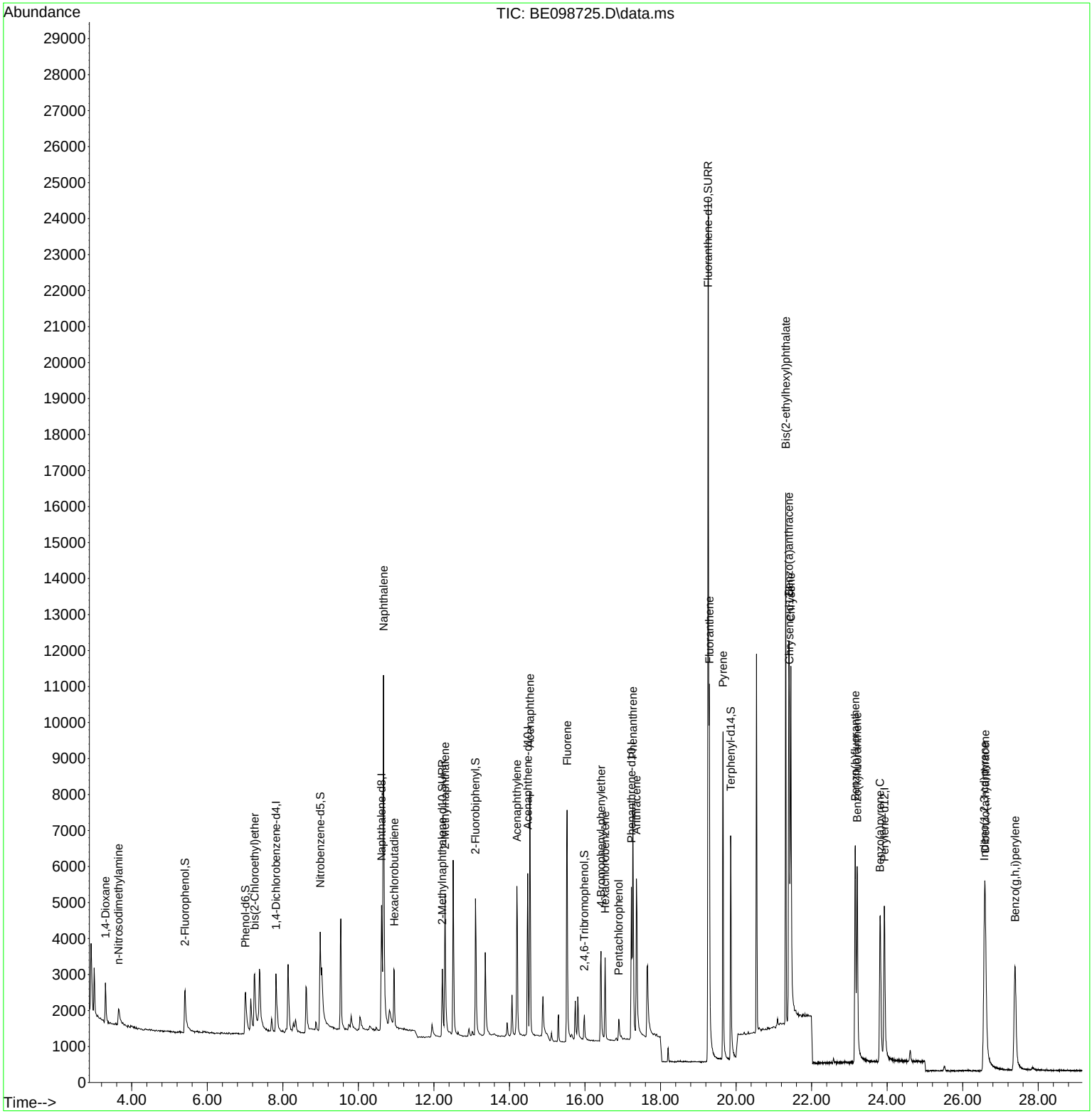
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	940	0.40	ng	0.01
7) Naphthalene-d8	10.614	136	4392	0.40	ng	# 0.01
13) Acenaphthene-d10	14.485	164	2890	0.40	ng	0.01
19) Phenanthrene-d10	17.228	188	6821	0.40	ng	# 0.00
27) Chrysene-d12	21.414	240	7507	0.40	ng	0.00
34) Perylene-d12	23.926	264	7127	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.412	112	1141	0.41	ng	0.01
5) Phenol-d6	7.012	99	1596	0.39	ng	0.01
8) Nitrobenzene-d5	8.990	82	1593	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.223	152	3167	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.983	330	507	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.102	172	4707	0.38	ng	0.00
25) Fluoranthene-d10	19.260	212	37369	0.38	ng	0.00
29) Terphenyl-d14	19.857	244	7267	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	712	0.41	ng	96
3) n-Nitrosodimethylamine	3.649	42	934	0.42	ng	# 13
6) bis(2-Chloroethyl)ether	7.254	93	1163	0.42	ng	80
9) Naphthalene	10.666	128	19635	0.39	ng	100
10) Hexachlorobutadiene	10.952	225	1308	0.39	ng	99
12) 2-Methylnaphthalene	12.295	142	3152	0.38	ng	98
16) Acenaphthylene	14.197	152	5623	0.38	ng	99
17) Acenaphthene	14.542	154	3401	0.39	ng	99
18) Fluorene	15.528	166	4584	0.38	ng	99
20) 4-Bromophenyl-phenylether	16.425	248	1511	0.38	ng	90
21) Hexachlorobenzene	16.532	284	1777	0.38	ng	94
22) Pentachlorophenol	16.894	266	447	0.37	ng	91
23) Phenanthrene	17.268	178	7431	0.40	ng	99
24) Anthracene	17.362	178	6046	0.39	ng	99
26) Fluoranthene	19.294	202	9311	0.39	ng	99
28) Pyrene	19.656	202	9546	0.40	ng	100
30) Benzo(a)anthracene	21.402	228	8517	0.38	ng	97
31) Chrysene	21.450	228	9634	0.39	ng	99
32) Bis(2-ethylhexyl)phtha...	21.317	149	15139	0.36	ng	99
33) Indeno(1,2,3-cd)pyrene	26.573	276	9654	0.38	ng	99
35) Benzo(b)fluoranthene	23.156	252	8991	0.39	ng	99
36) Benzo(k)fluoranthene	23.206	252	9630	0.39	ng	100
37) Benzo(a)pyrene	23.812	252	8363	0.38	ng	98
38) Dibenzo(a,h)anthracene	26.598	278	7373	0.36	ng	96
39) Benzo(g,h,i)perylene	27.387	276	8286	0.37	ng	99

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

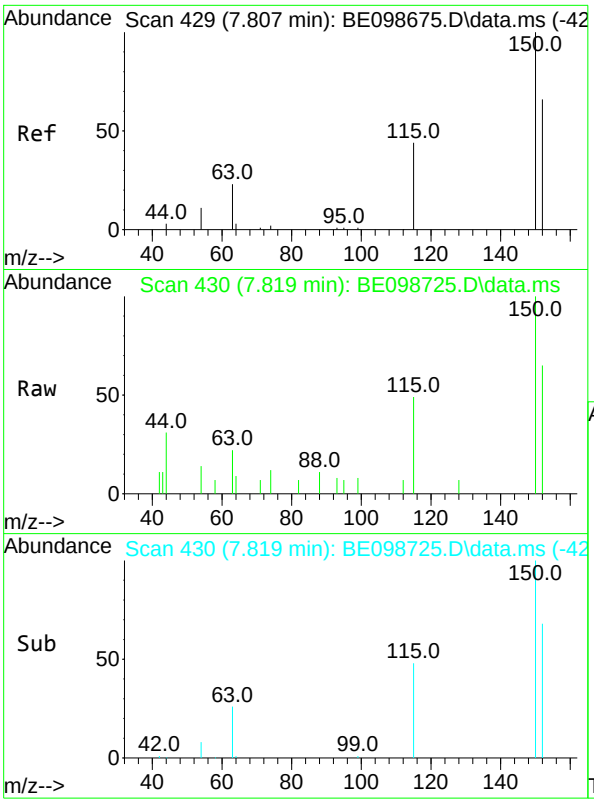
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020719\
Data File : BE098725.D
Acq On : 7 Feb 2019 14:38
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 09 06:14:23 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



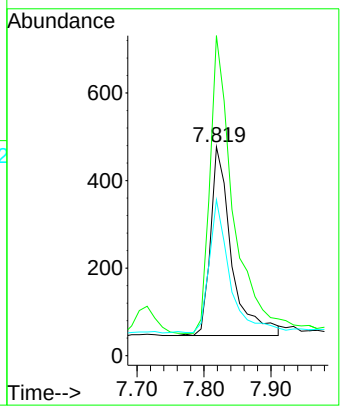
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

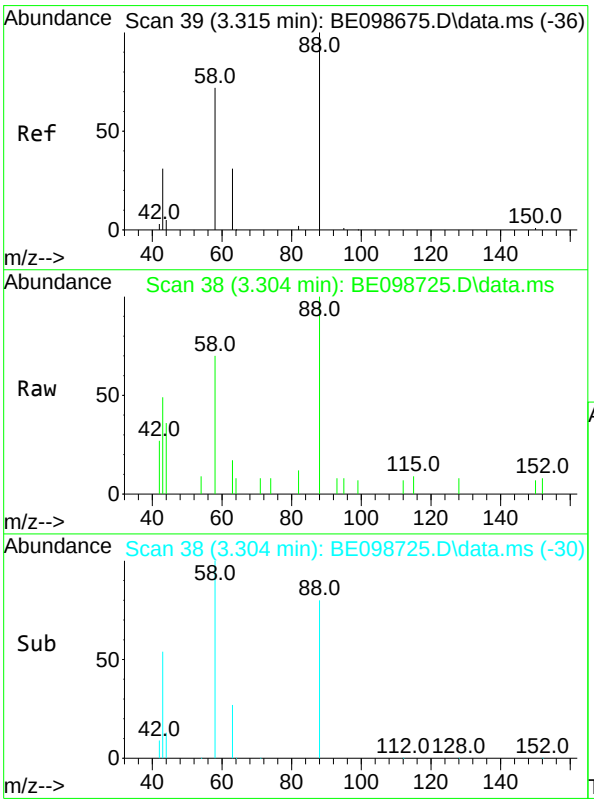


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.819 min Scan# 430
Delta R.T. 0.012 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:152 Resp: 940

Ion	Ratio	Lower	Upper
152	100		
150	153.2	121.4	182.2
115	74.6	59.1	88.7

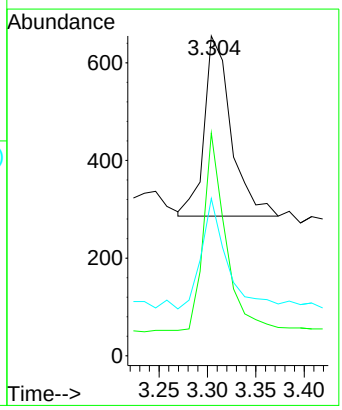




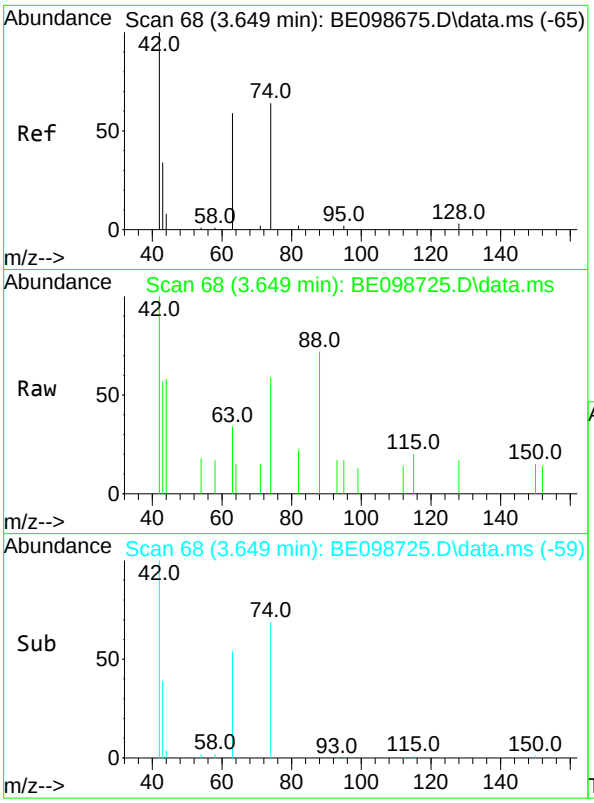
#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.304 min Scan# 38
Delta R.T. -0.011 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion: 88 Resp: 712

Ion	Ratio	Lower	Upper
88	100		
58	89.2	73.9	110.9
43	57.7	43.7	65.5



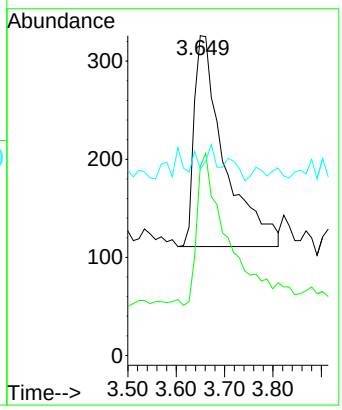
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

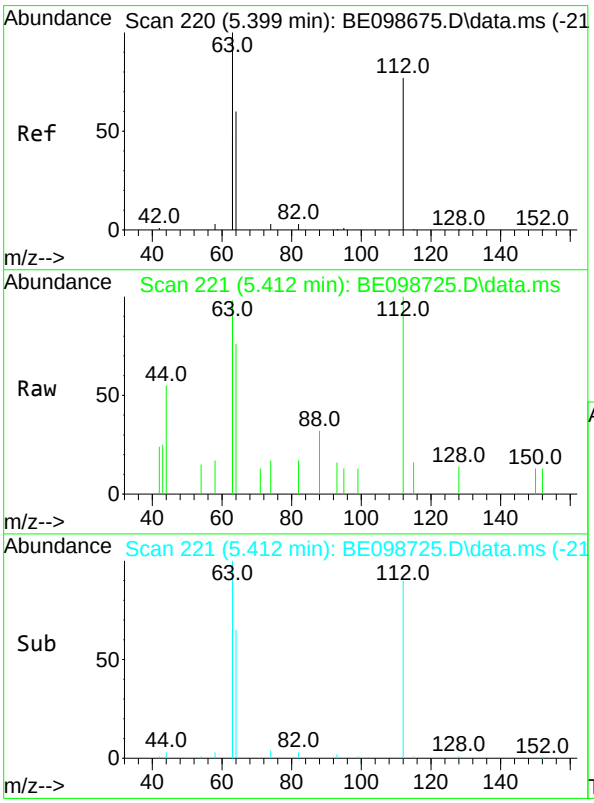


#3
n-Nitrosodimethylamine
Concen: 0.42 ng
RT: 3.649 min Scan# 68
Delta R.T. 0.000 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion: 42 Resp: 934

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

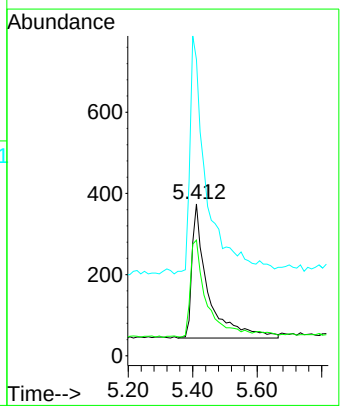




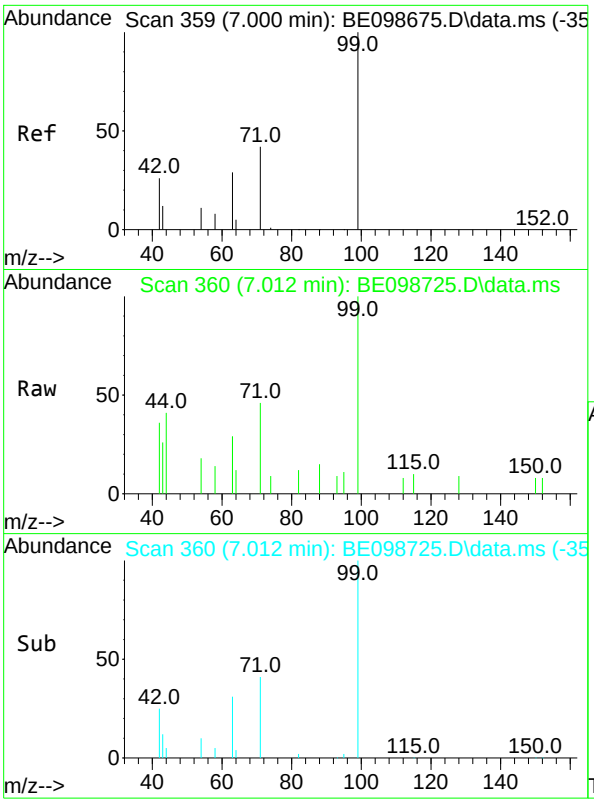
#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.412 min Scan# 221
Delta R.T. 0.013 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:112 Resp: 1141

Ion	Ratio	Lower	Upper
112	100		
64	73.5	62.9	94.3
63	179.8	152.2	228.4



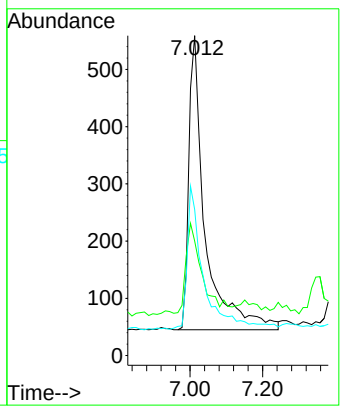
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

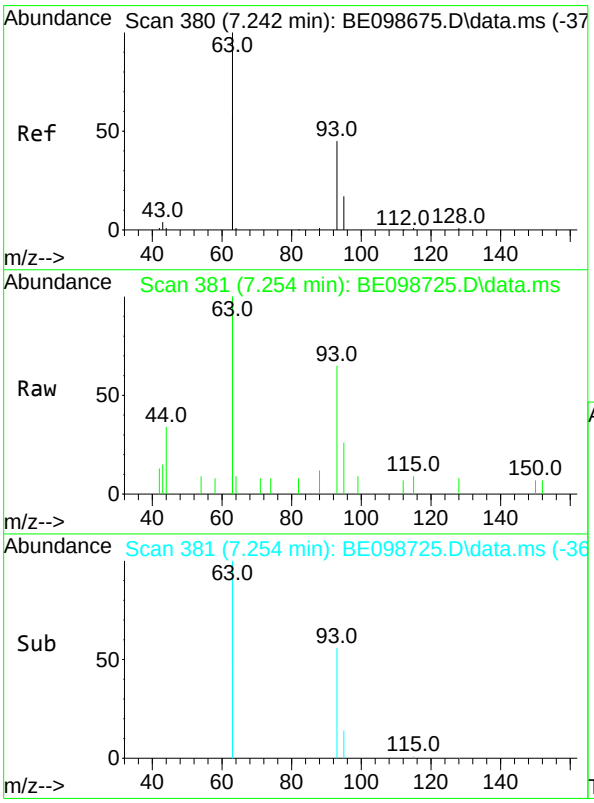


#5
Phenol-d6
Concen: 0.39 ng
RT: 7.012 min Scan# 360
Delta R.T. 0.012 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion: 99 Resp: 1596

Ion	Ratio	Lower	Upper
99	100		
42	30.2	24.6	37.0
71	48.8	35.1	52.7

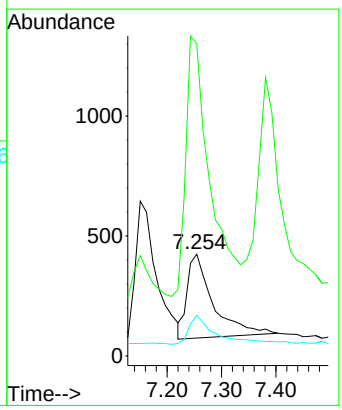




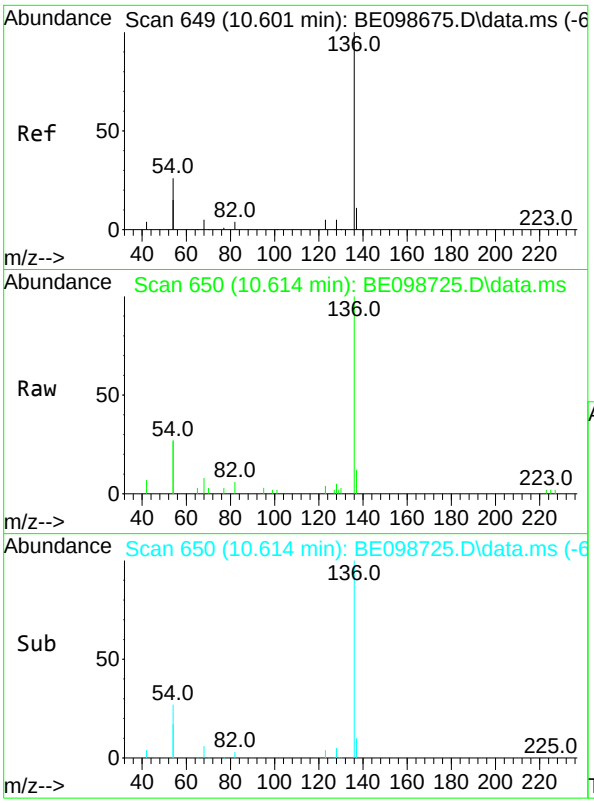
#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 7.254 min Scan# 381
Delta R.T. 0.012 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion: 93 Resp: 1163

Ion	Ratio	Lower	Upper
93	100		
63	288.3	267.3	400.9
95	36.5	26.2	39.4



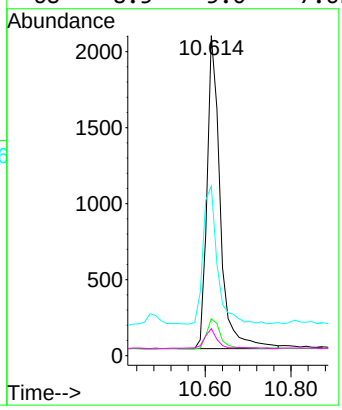
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

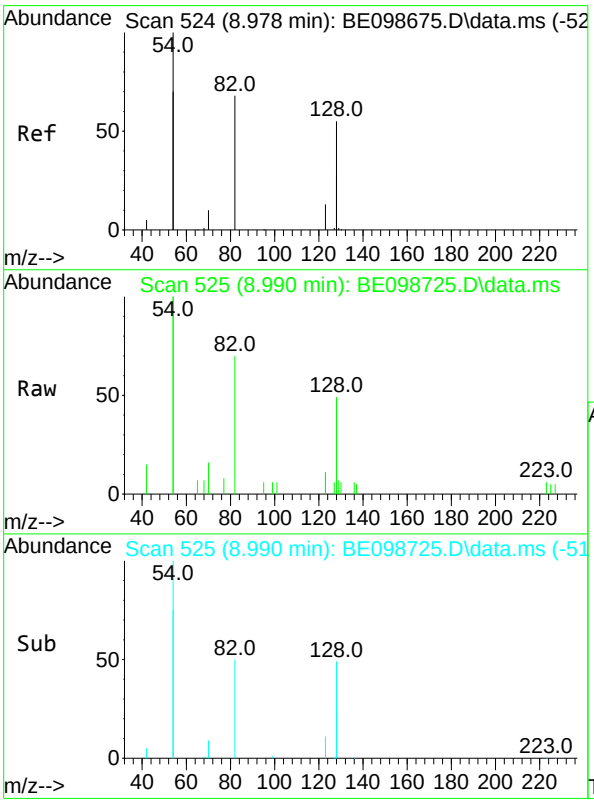


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. 0.013 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:136 Resp: 4392

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	53.0	35.5	53.3
68	8.5	5.0	7.6#

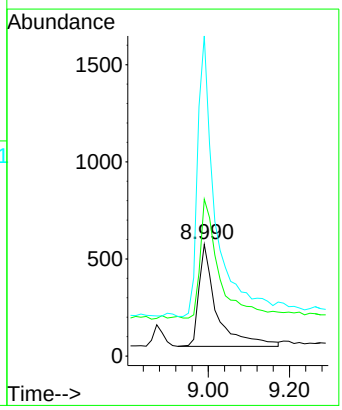




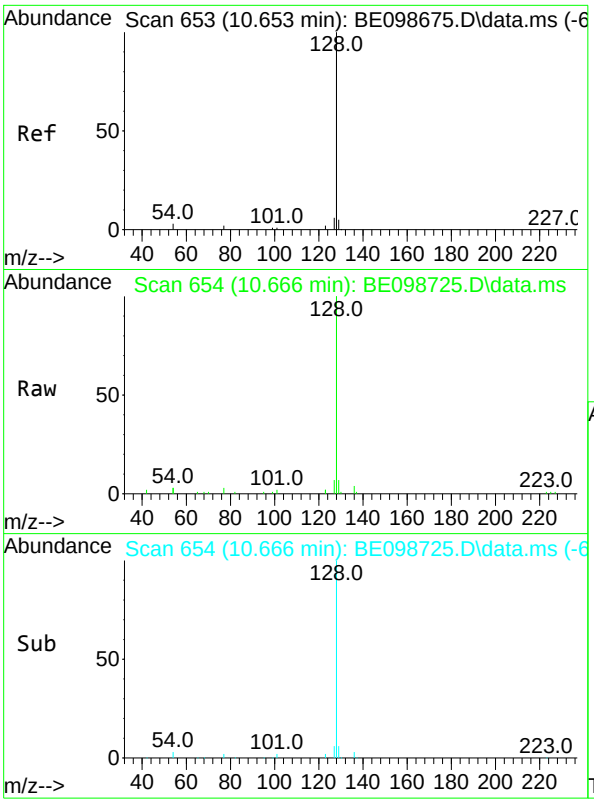
#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.990 min Scan# 525
Delta R.T. 0.012 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion: 82 Resp: 1593

Ion	Ratio	Lower	Upper
82	100		
128	140.5	96.5	144.7
54	286.6	224.7	337.1



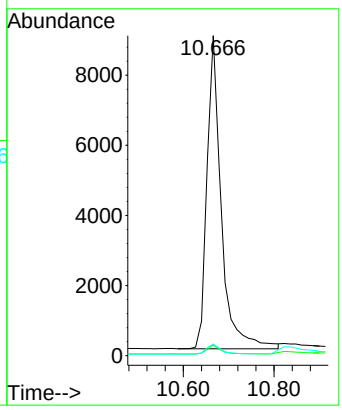
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

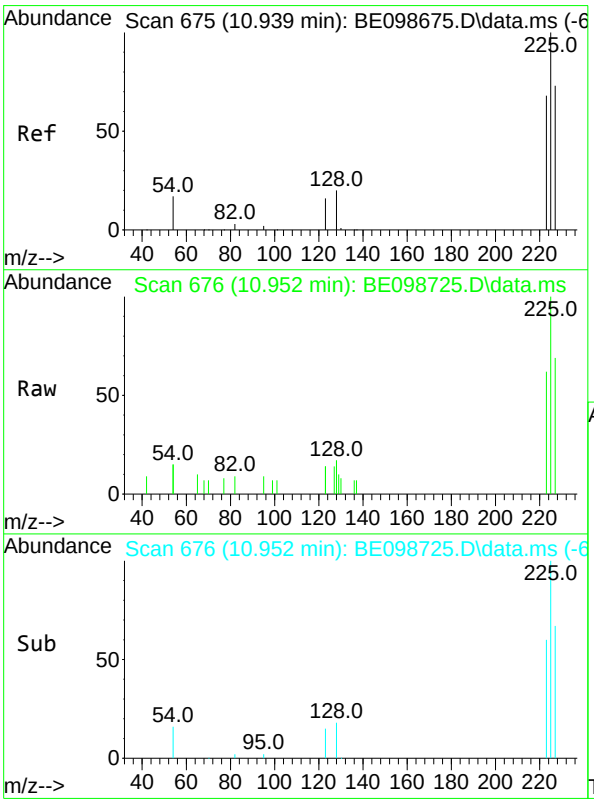


#9
Naphthalene
Concen: 0.39 ng
RT: 10.666 min Scan# 654
Delta R.T. 0.013 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:128 Resp: 19635

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.7	3.0	4.6

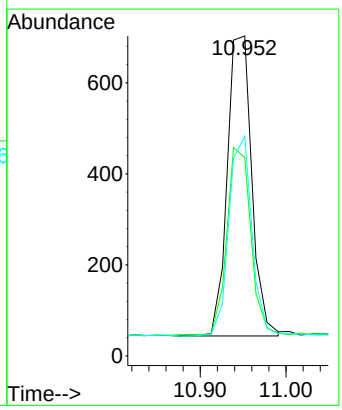




#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.952 min Scan# 676
Delta R.T. 0.013 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:225 Resp: 1308

Ion	Ratio	Lower	Upper
225	100		
223	60.4	47.8	71.8
227	62.4	50.5	75.7



Instrument :
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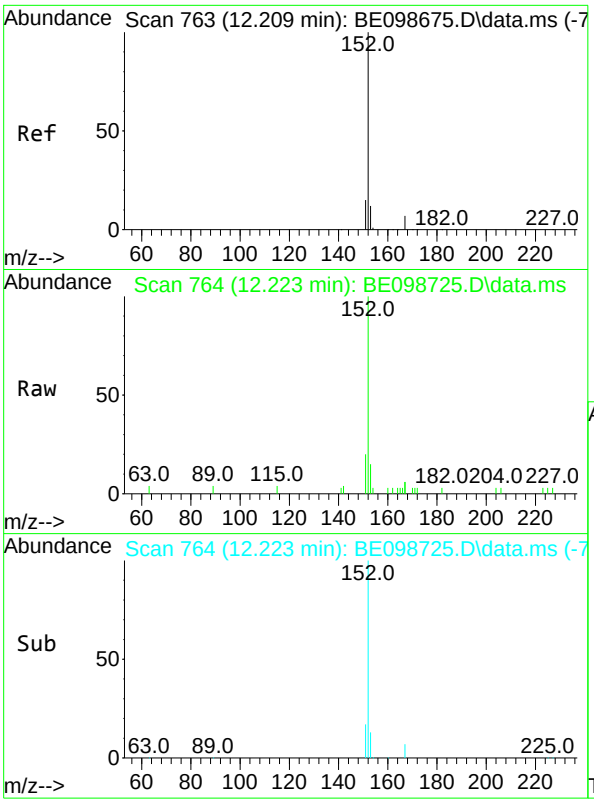
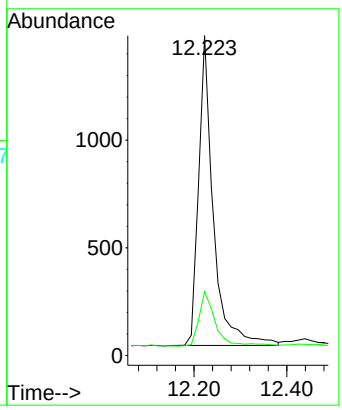
ClientSampleId :
SSTDCCC0.4EC

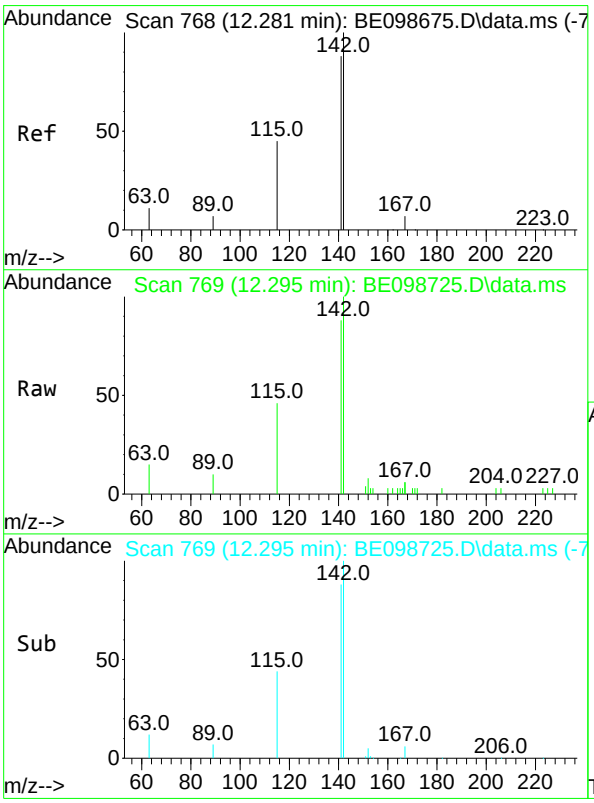


#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.223 min Scan# 764
Delta R.T. 0.014 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:152 Resp: 3167

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4

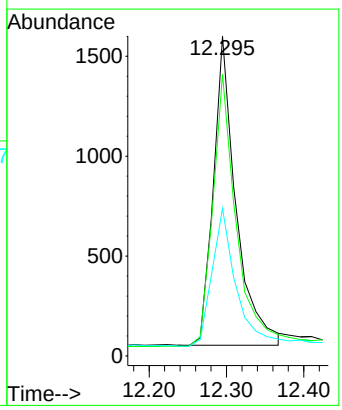




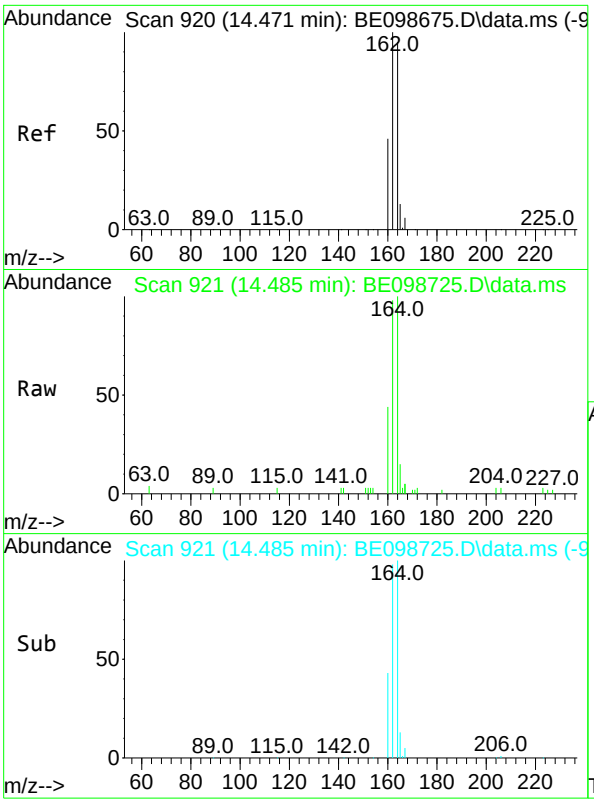
#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.295 min Scan# 769
Delta R.T. 0.014 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:142 Resp: 3152

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.0	105.0
115	46.1	35.2	52.8



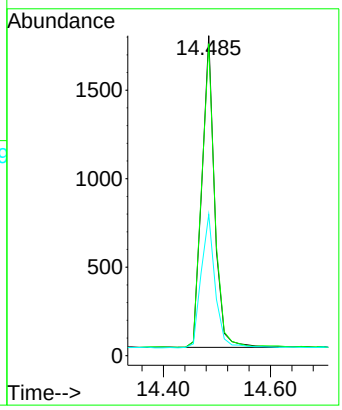
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

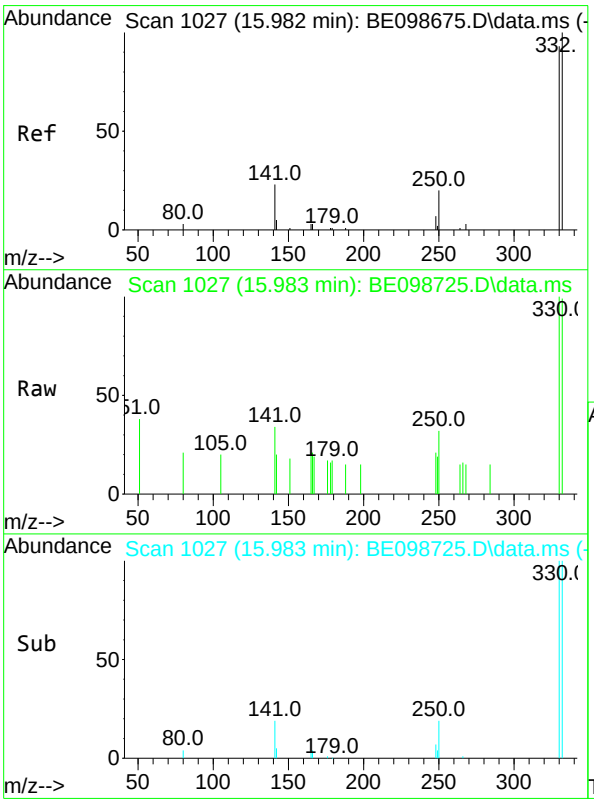


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.485 min Scan# 921
Delta R.T. 0.014 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:164 Resp: 2890

Ion	Ratio	Lower	Upper
164	100		
162	97.5	80.5	120.7
160	44.1	40.1	60.1

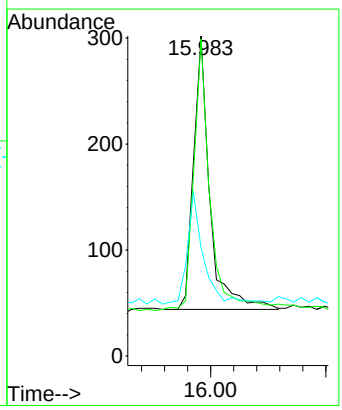




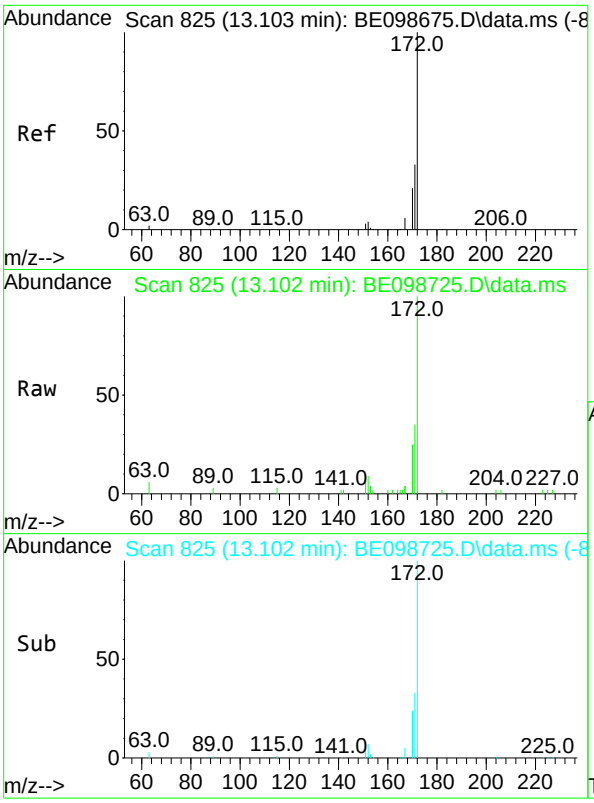
#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:330 Resp: 507

Ion	Ratio	Lower	Upper
330	100		
332	99.4	73.3	109.9
141	36.7	33.1	49.7



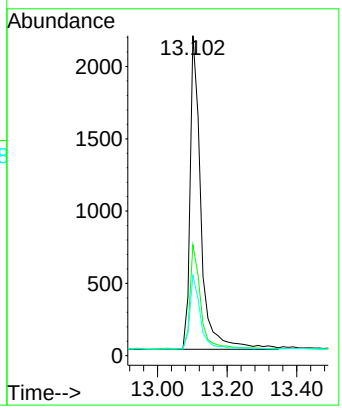
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

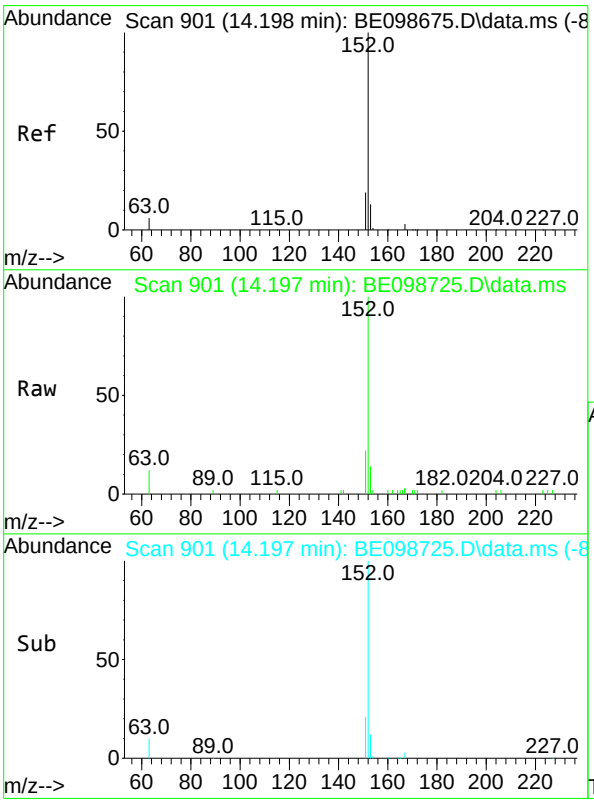


#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.102 min Scan# 825
Delta R.T. -0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:172 Resp: 4707

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.4
170	25.1	20.8	31.2

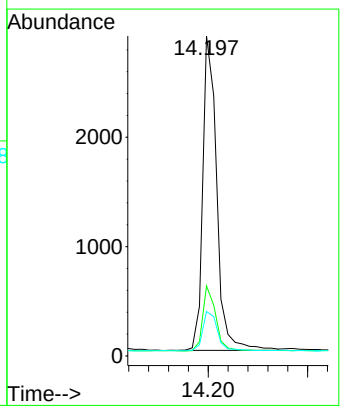




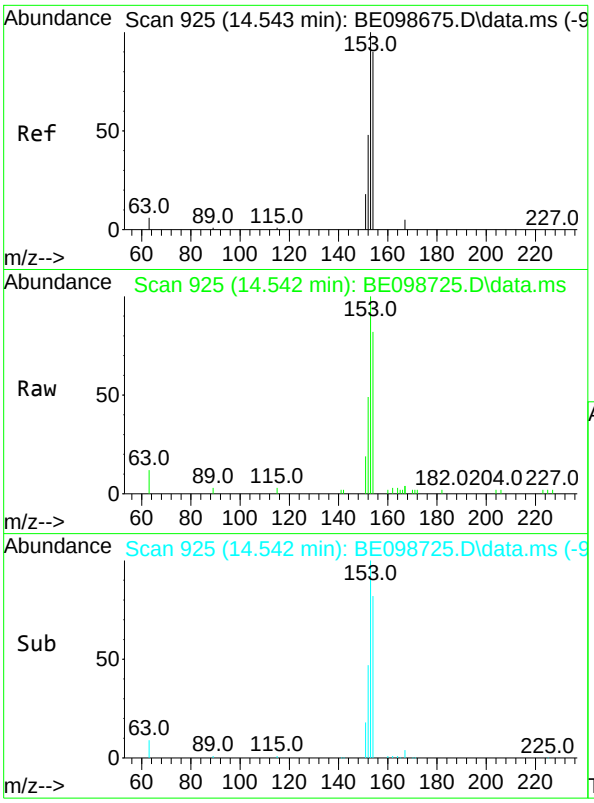
#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.197 min Scan# 901
Delta R.T. -0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:152 Resp: 5623

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	13.2	10.7	16.1



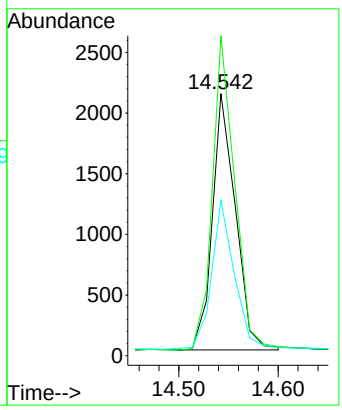
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

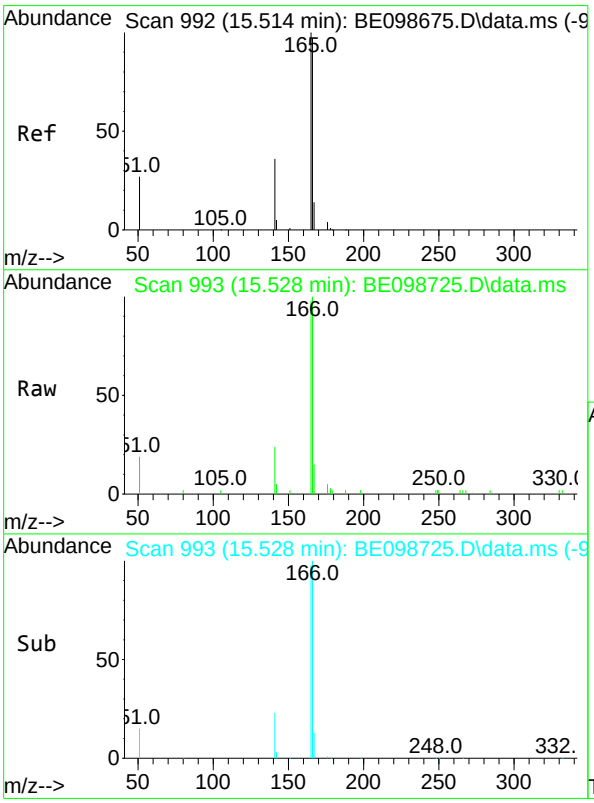


#17
Acenaphthene
Concen: 0.39 ng
RT: 14.542 min Scan# 925
Delta R.T. -0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:154 Resp: 3401

Ion	Ratio	Lower	Upper
154	100		
153	119.0	93.9	140.9
152	57.5	45.8	68.8

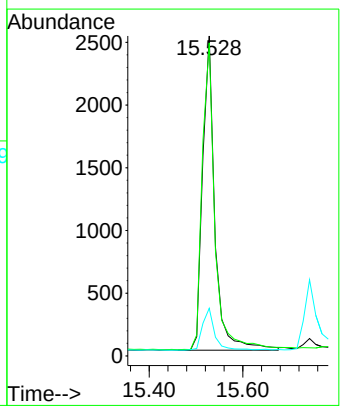




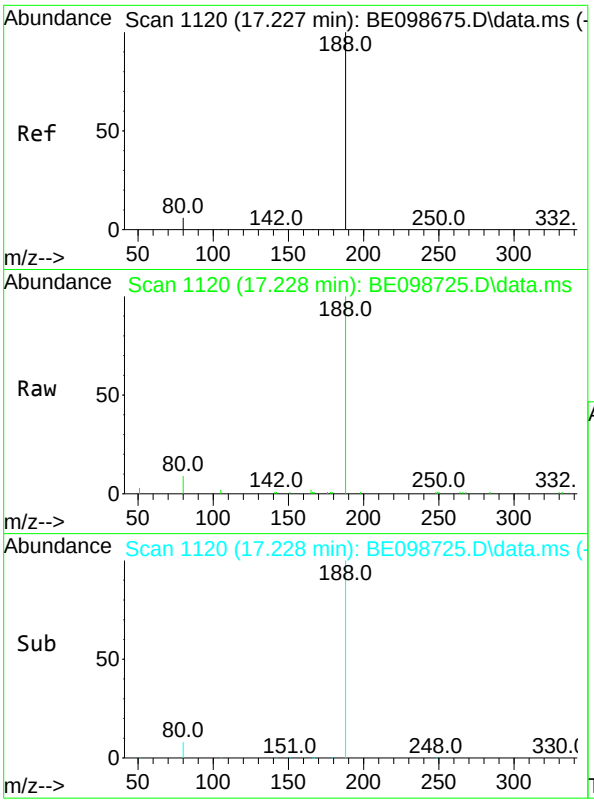
#18
Fluorene
Concen: 0.38 ng
RT: 15.528 min Scan# 993
Delta R.T. 0.014 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:166 Resp: 4584

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.3	118.9
167	13.2	10.6	15.8



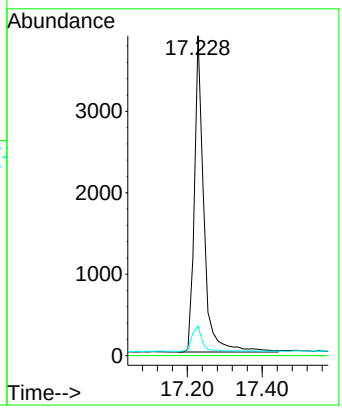
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

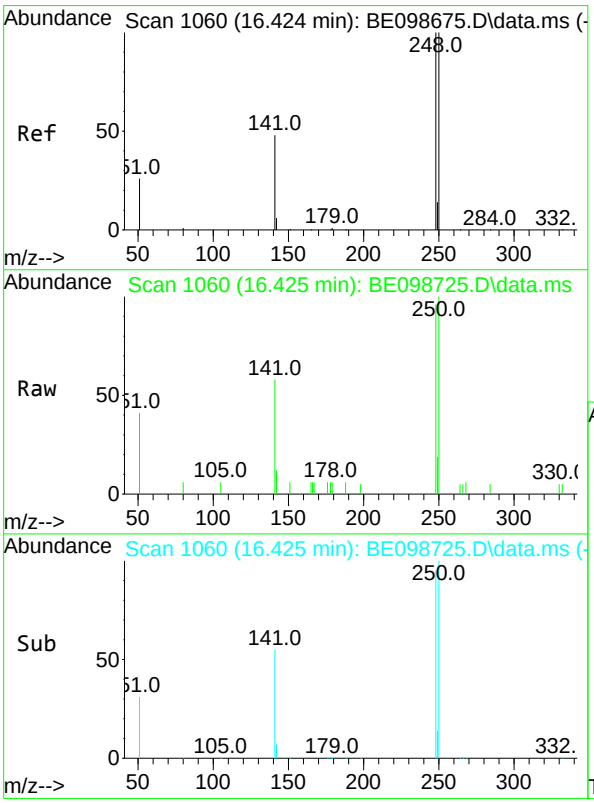


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:188 Resp: 6821

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	4.7	7.1#

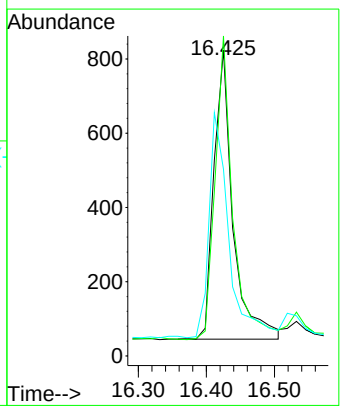




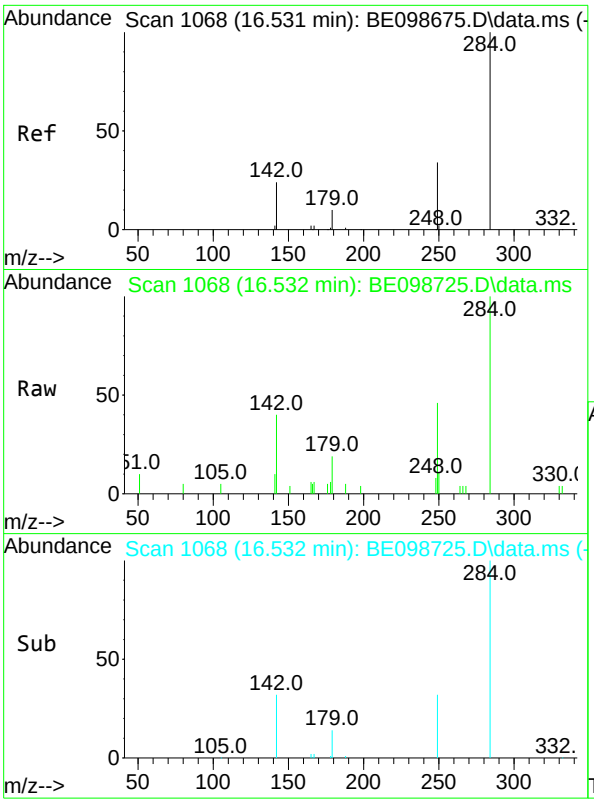
#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.425 min Scan# 1060
Delta R.T. 0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:248 Resp: 1511

Ion	Ratio	Lower	Upper
248	100		
250	104.6	80.2	120.4
141	61.0	60.5	90.7



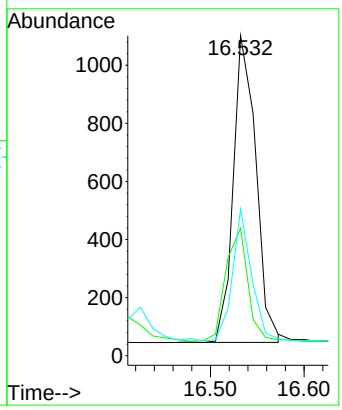
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

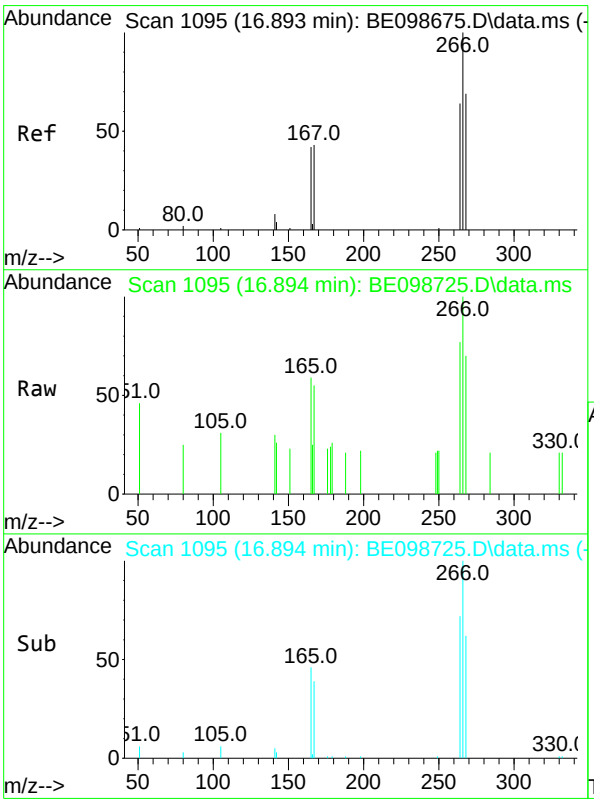


#21
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.532 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:284 Resp: 1777

Ion	Ratio	Lower	Upper
284	100		
142	36.0	25.5	38.3
249	36.2	26.6	39.8

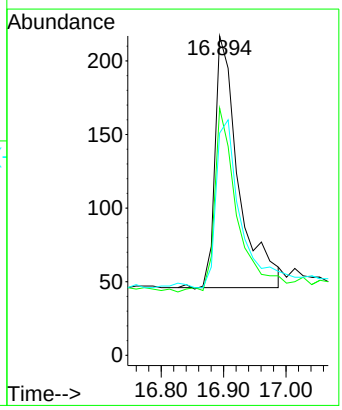




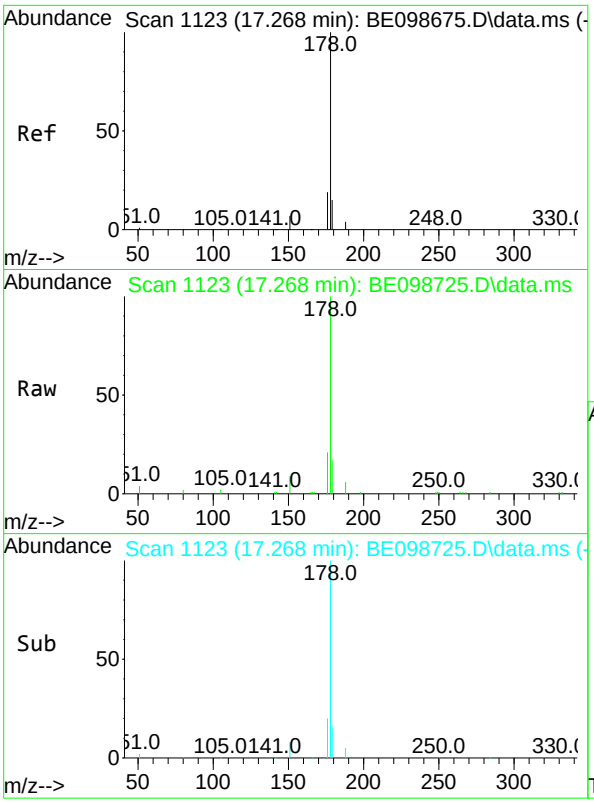
#22
Pentachlorophenol
Concen: 0.37 ng
RT: 16.894 min Scan# 1095
Delta R.T. 0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:266 Resp: 447

Ion	Ratio	Lower	Upper
266	100		
264	77.4	53.7	80.5
268	69.6	59.8	89.8



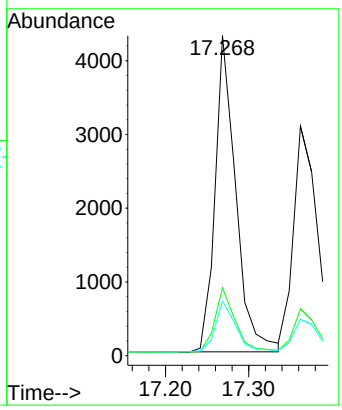
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

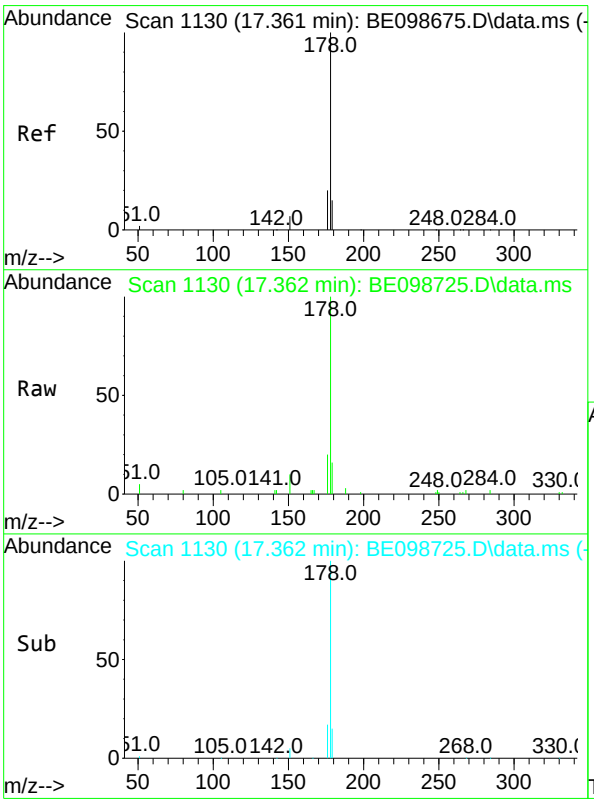


#23
Phenanthrene
Concen: 0.40 ng
RT: 17.268 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:178 Resp: 7431

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	16.1	12.2	18.4

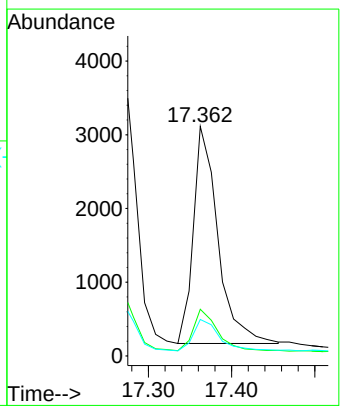




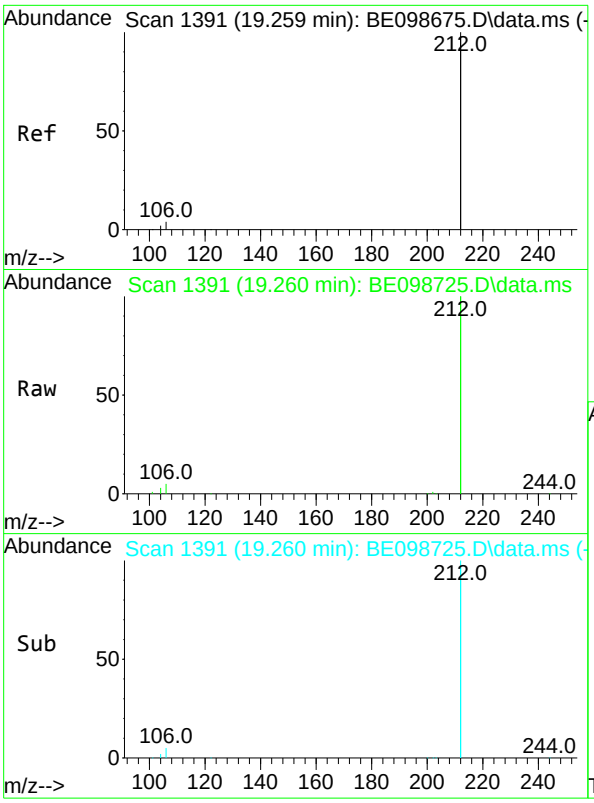
#24
Anthracene
Concen: 0.39 ng
RT: 17.362 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:178 Resp: 6046

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.4	11.8	17.8



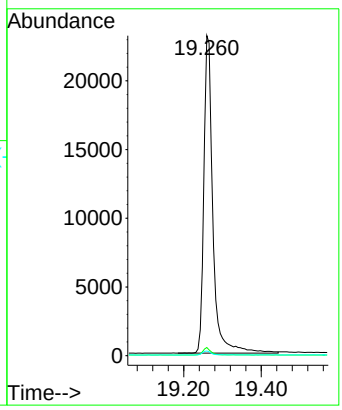
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

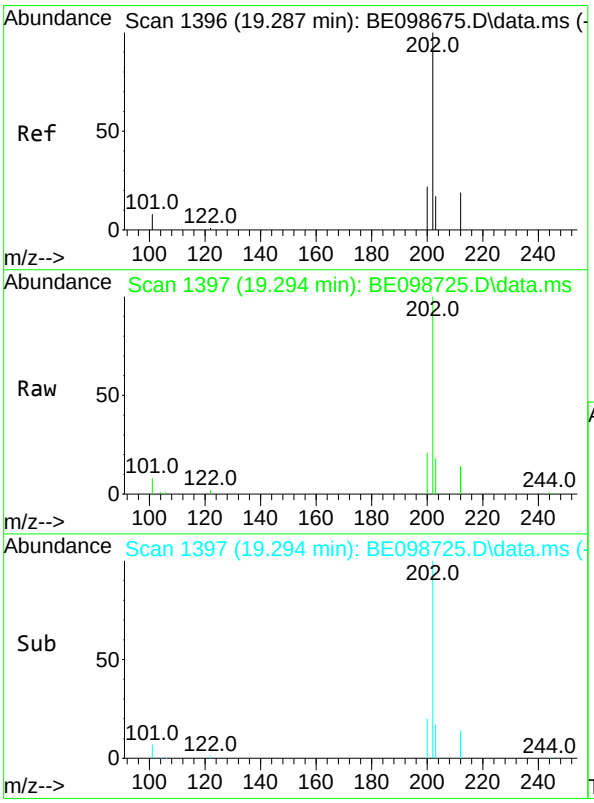


#25
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.260 min Scan# 1391
Delta R.T. 0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:212 Resp: 37369

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

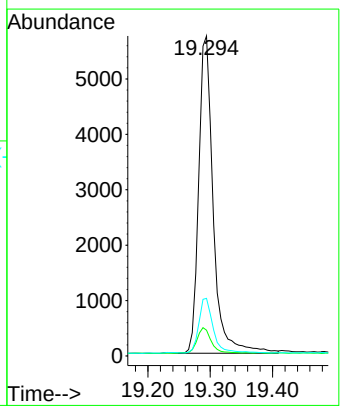




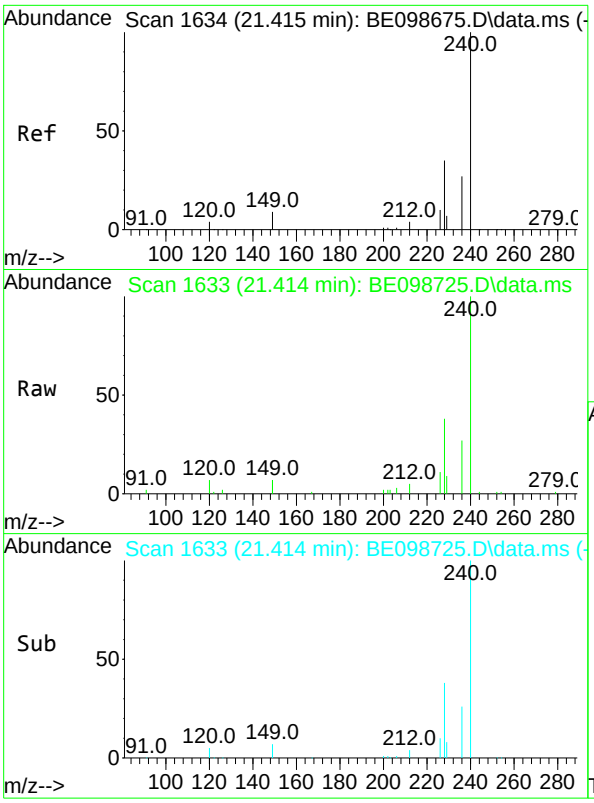
#26
Fluoranthene
Concen: 0.39 ng
RT: 19.294 min Scan# 1397
Delta R.T. 0.007 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:202 Resp: 9311

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.7	10.1
203	17.0	13.3	19.9



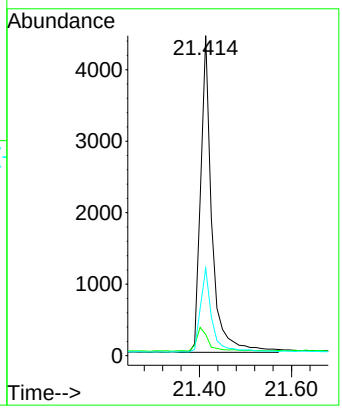
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

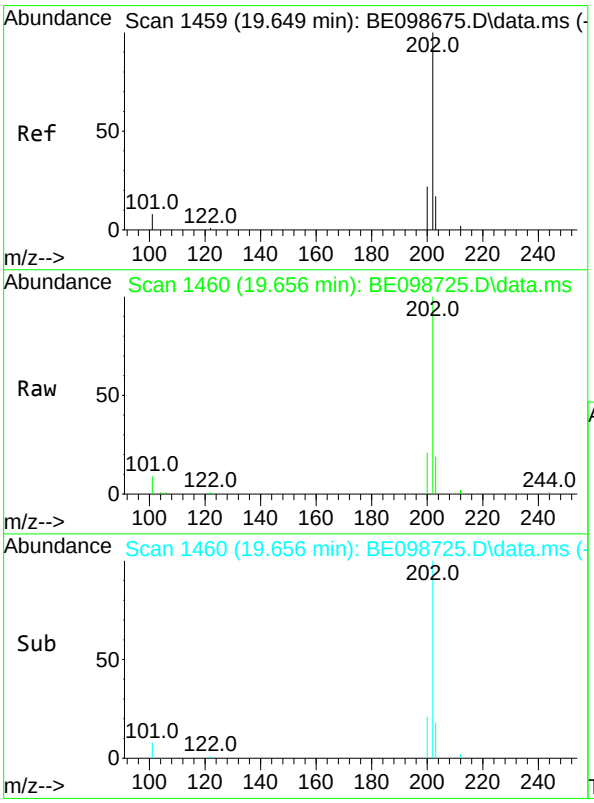


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1633
Delta R.T. -0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:240 Resp: 7507

Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.7	7.1
236	27.3	21.9	32.9

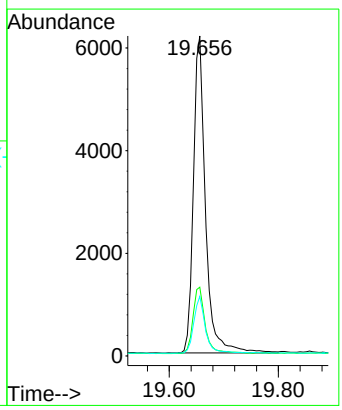




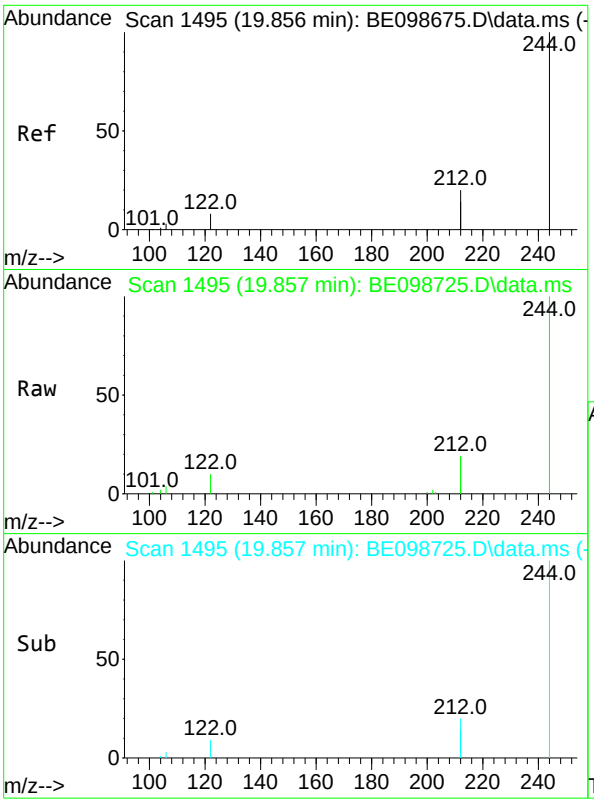
#28
Pyrene
Concen: 0.40 ng
RT: 19.656 min Scan# 1460
Delta R.T. 0.007 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:202 Resp: 9546

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	17.2	13.8	20.8



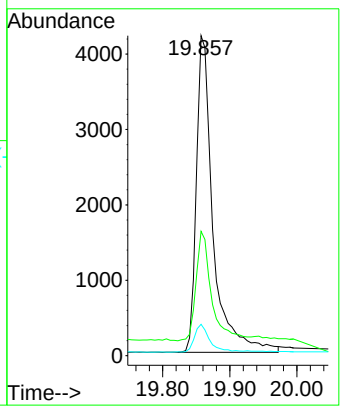
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

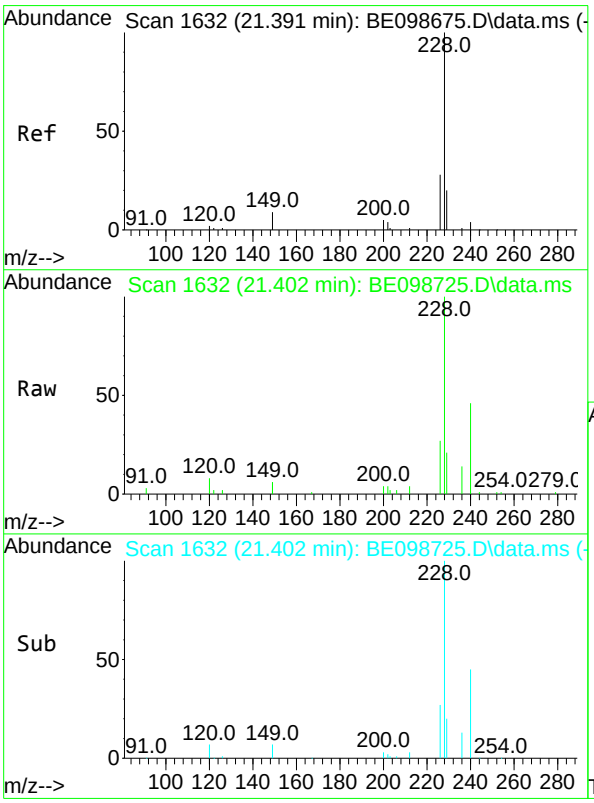


#29
Terphenyl-d14
Concen: 0.39 ng
RT: 19.857 min Scan# 1495
Delta R.T. 0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:244 Resp: 7267

Ion	Ratio	Lower	Upper
244	100		
212	38.8	29.4	44.2
122	9.8	7.1	10.7

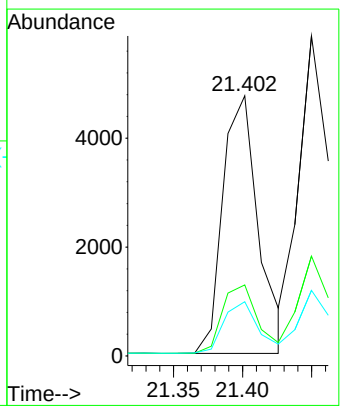




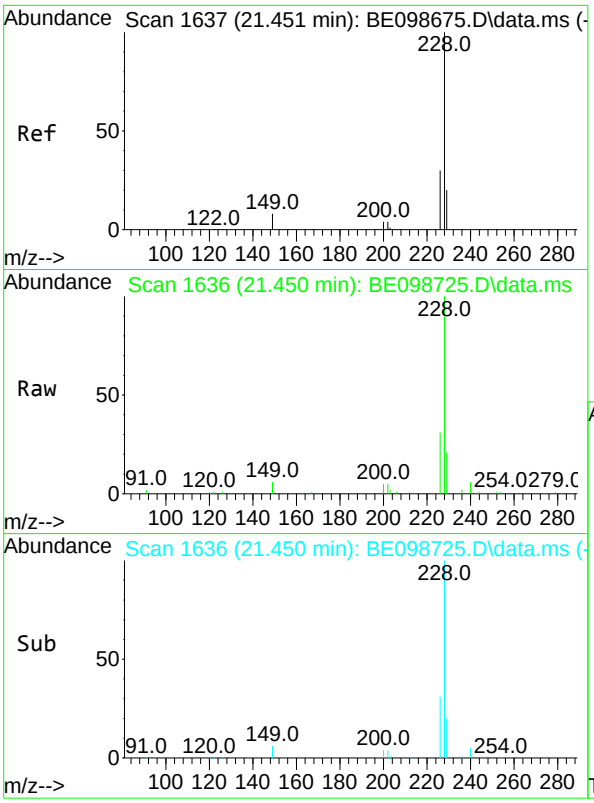
#30
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.402 min Scan# 1632
Delta R.T. 0.011 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:228 Resp: 8517

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.0	34.4
229	20.9	15.0	22.6



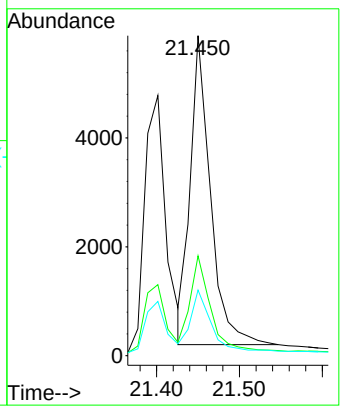
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

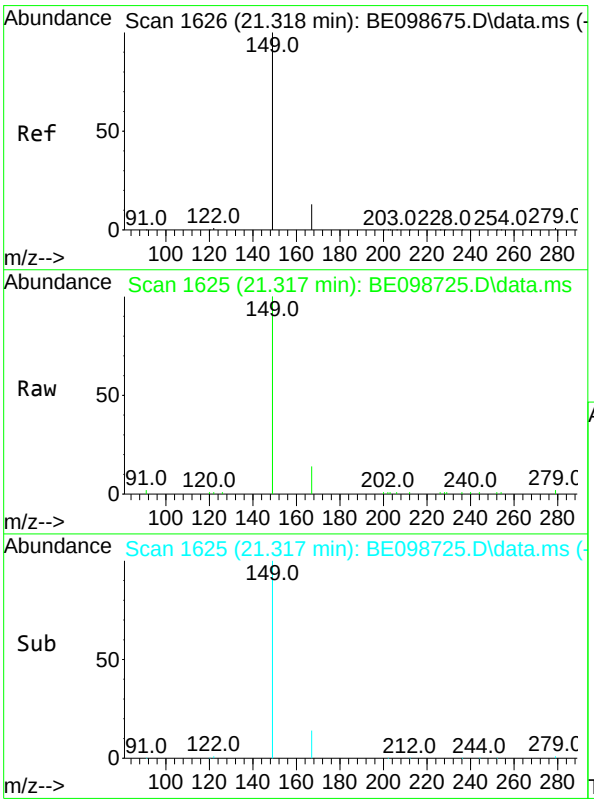


#31
Chrysene
Concen: 0.39 ng
RT: 21.450 min Scan# 1636
Delta R.T. -0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:228 Resp: 9634

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	36.8
229	20.5	16.4	24.6

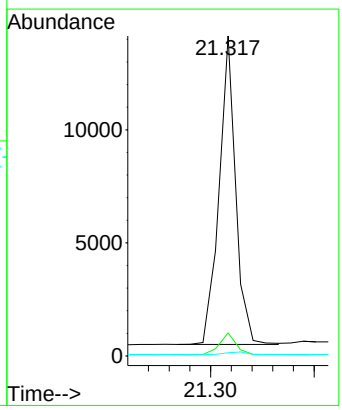




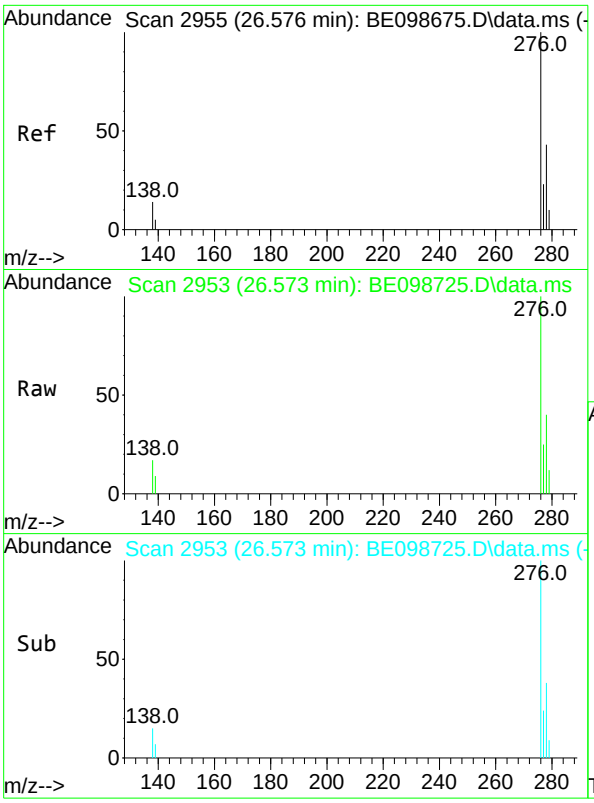
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.36 ng
RT: 21.317 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:149 Resp: 15139

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.2
279	1.1	1.0	1.4



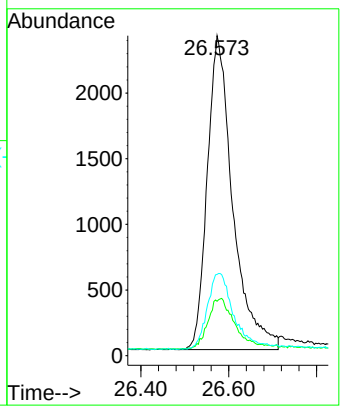
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

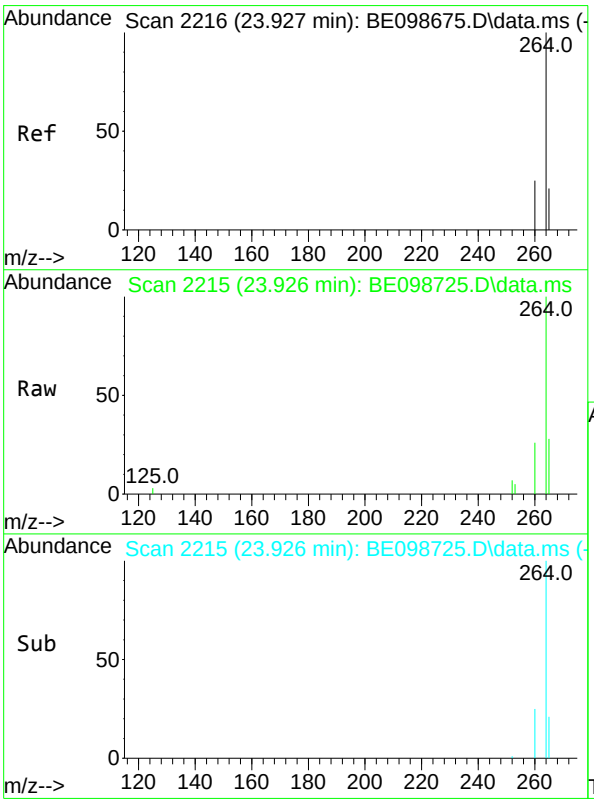


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 26.573 min Scan# 2953
Delta R.T. -0.003 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:276 Resp: 9654

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.3	19.9
277	25.0	19.4	29.0

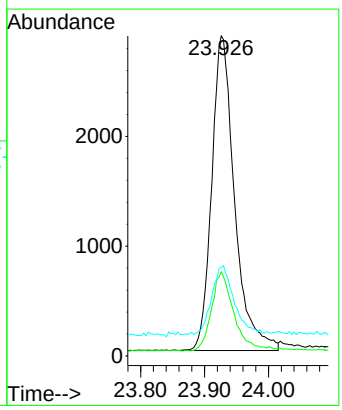




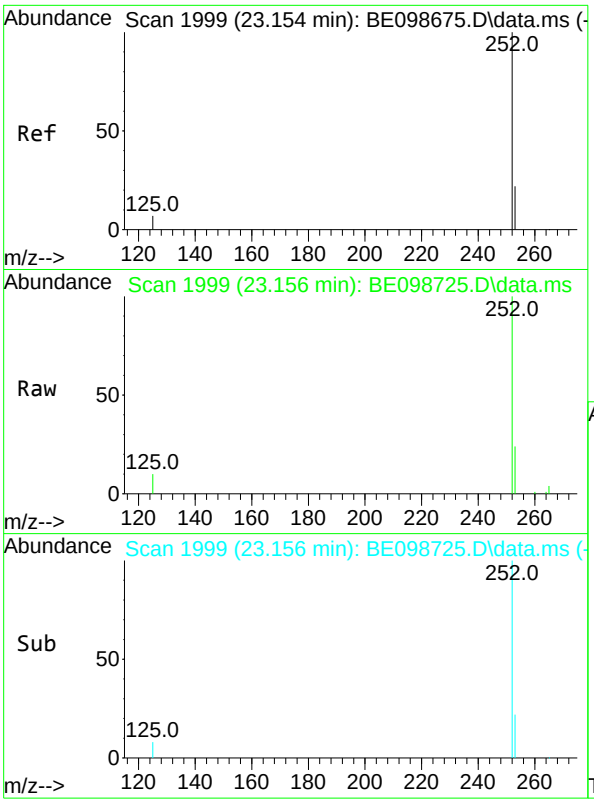
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.926 min Scan# 2215
Delta R.T. -0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:264 Resp: 7127

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	27.7	22.3	33.5



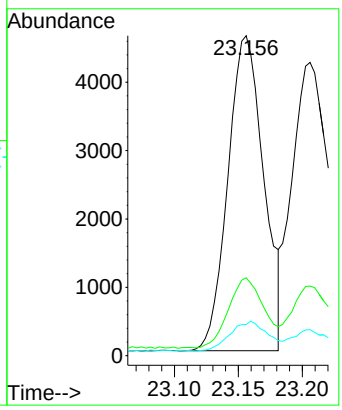
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

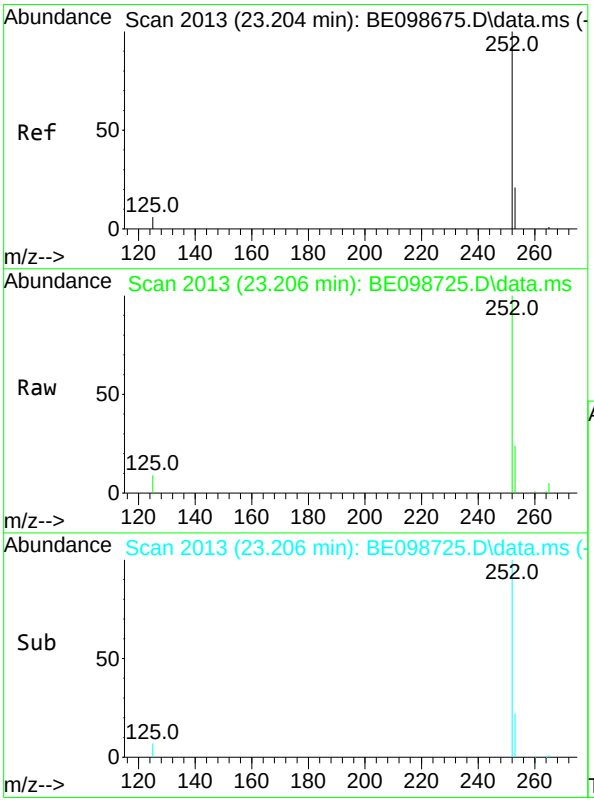


#35
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.156 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:252 Resp: 8991

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.0
125	9.7	8.2	12.4

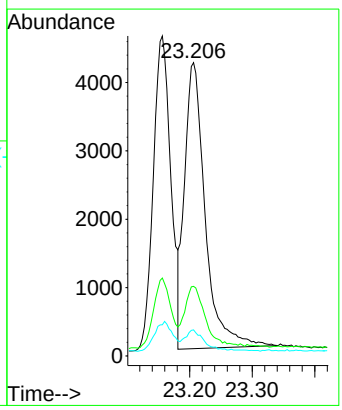




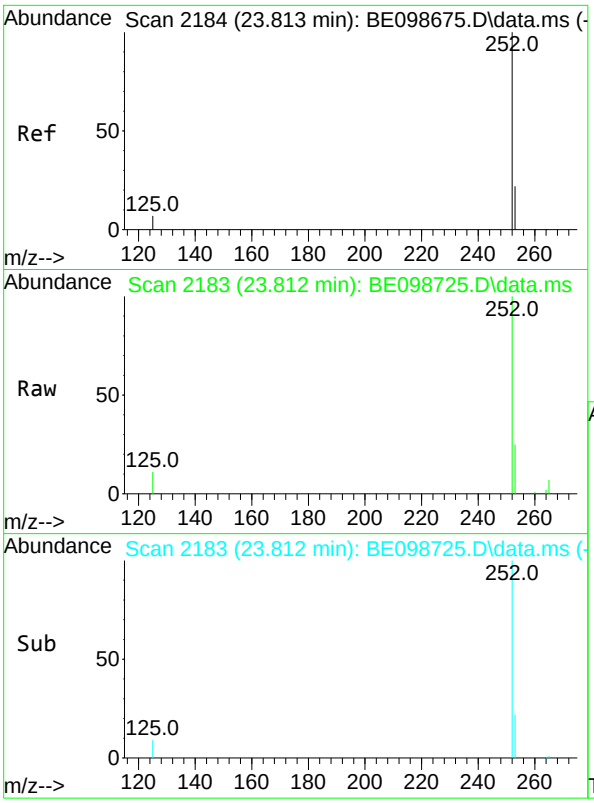
#36
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.206 min Scan# 2013
Delta R.T. 0.002 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:252 Resp: 9630

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.4
125	8.9	7.0	10.4



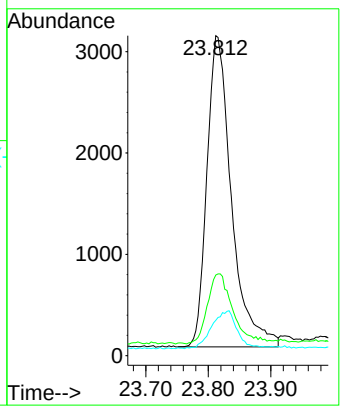
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

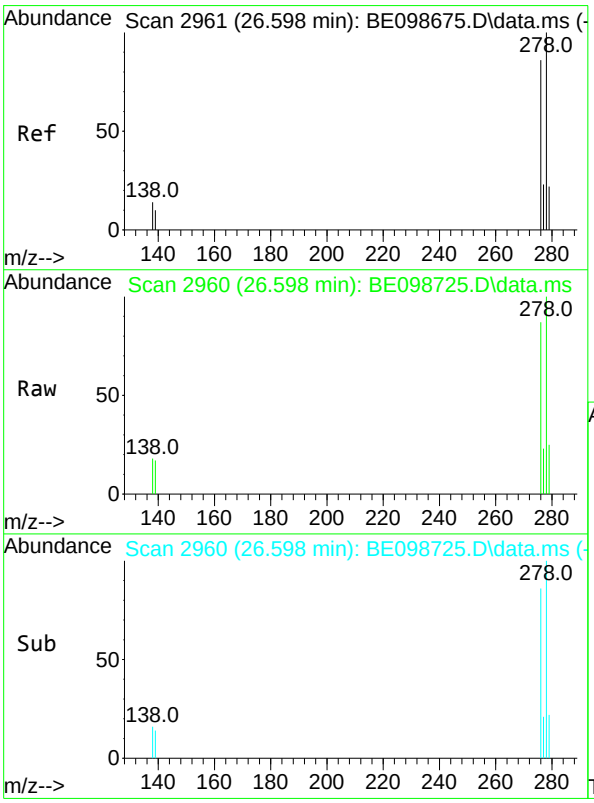


#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.812 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:252 Resp: 8363

Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.0	31.4
125	11.1	9.2	13.8

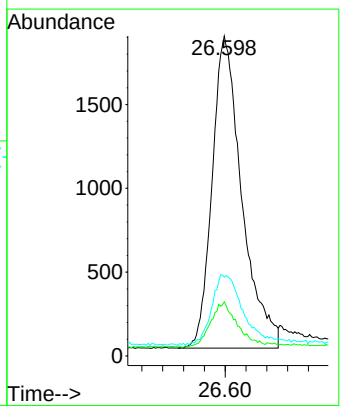


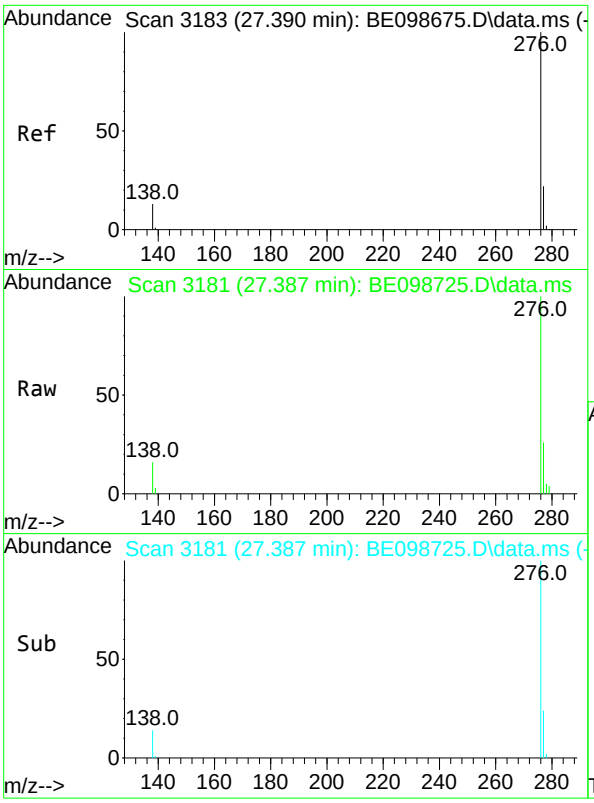


#38
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.598 min Scan# 2960
Delta R.T. 0.000 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:278 Resp: 7373

Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	24.7	22.0	33.0

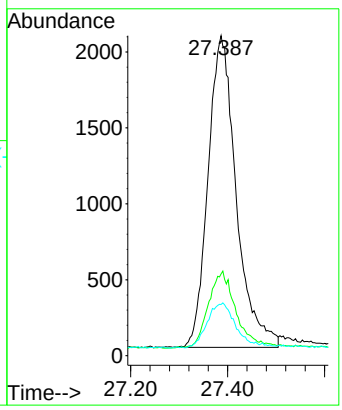




#39
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.387 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BE098725.D
Acq: 7 Feb 2019 14:38

Tgt Ion:276 Resp: 8286

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.3	30.5
138	16.0	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC