Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020719\
Data File : BE098717.D
Acq On : 7 Feb 2019 9:19
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 07 10:31:06 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	7.818	152	970	0.40	ng		0.01
7) Naphthalene-d8	10.613	136	4293	0.40	ng		0.01
13) Acenaphthene-d10	14.486	164	2903	0.40	ng		0.02
19) Phenanthrene-d10	17.228	188	6699	0.40	ng	#	0.00
27) Chrysene-d12	21.415	240	7360	0.40	ng		0.00
34) Perylene-d12	23.926	264	7068	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.411	112	1048	0.37	ng		0.01
5) Phenol-d6	7.012	99	1497	0.36	ng		0.01
8) Nitrobenzene-d5	8.989	82	1559	0.38	ng		0.01
11) 2-Methylnaphthalene-d10	12.210	152	3208	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.983	330	447	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.103	172	4652	0.37	ng		0.00
25) Fluoranthene-d10	19.259	212	36853	0.39	ng		0.00
29) Terphenyl-d14	19.862	244	7026	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.315	88	647	0.35	ng		95
3) n-Nitrosodimethylamine	3.660	42	791	0.35	ng	#	94
6) bis(2-Chloroethyl)ether	7.254	93	977	0.34	ng		96
9) Naphthalene	10.665	128	19555	0.40	ng		100
10) Hexachlorobutadiene	10.938	225	1316	0.40	ng		98
12) 2-Methylnaphthalene	12.296	142	3174	0.39	ng		99
16) Acenaphthylene	14.198	152	5670	0.38	ng		98
17) Acenaphthene	14.544	154	3441	0.39	ng		99
18) Fluorene	15.528	166	4561	0.38	ng		100
20) 4-Bromophenyl-phenylether	16.425	248	1483	0.38	ng	#	86
21) Hexachlorobenzene	16.532	284	1813	0.39	ng		95
22) Pentachlorophenol	16.893	266	592	0.50	ng		95
23) Phenanthrene	17.268	178	7219	0.39	ng		99
24) Anthracene	17.362	178	5636	0.37	ng		99
26) Fluoranthene	19.288	202	9244	0.39	ng		100
28) Pyrene	19.655	202	9360	0.40	ng		99
30) Benzo(a)anthracene	21.390	228	8112	0.37	ng		98
31) Chrysene	21.451	228	9236	0.38	ng		100
32) Bis(2-ethylhexyl)phtha...	21.318	149	14119	0.34	ng		100
33) Indeno(1,2,3-cd)pyrene	26.576	276	8805	0.35	ng		99
35) Benzo(b)fluoranthene	23.206	252	9453	0.41	ng		98
36) Benzo(k)fluoranthene	23.206	252	9453	0.39	ng		99
37) Benzo(a)pyrene	23.815	252	8322	0.38	ng	#	95
38) Dibenzo(a,h)anthracene	26.601	278	6628	0.33	ng	#	91
39) Benzo(g,h,i)perylene	27.386	276	7921	0.36	ng		98

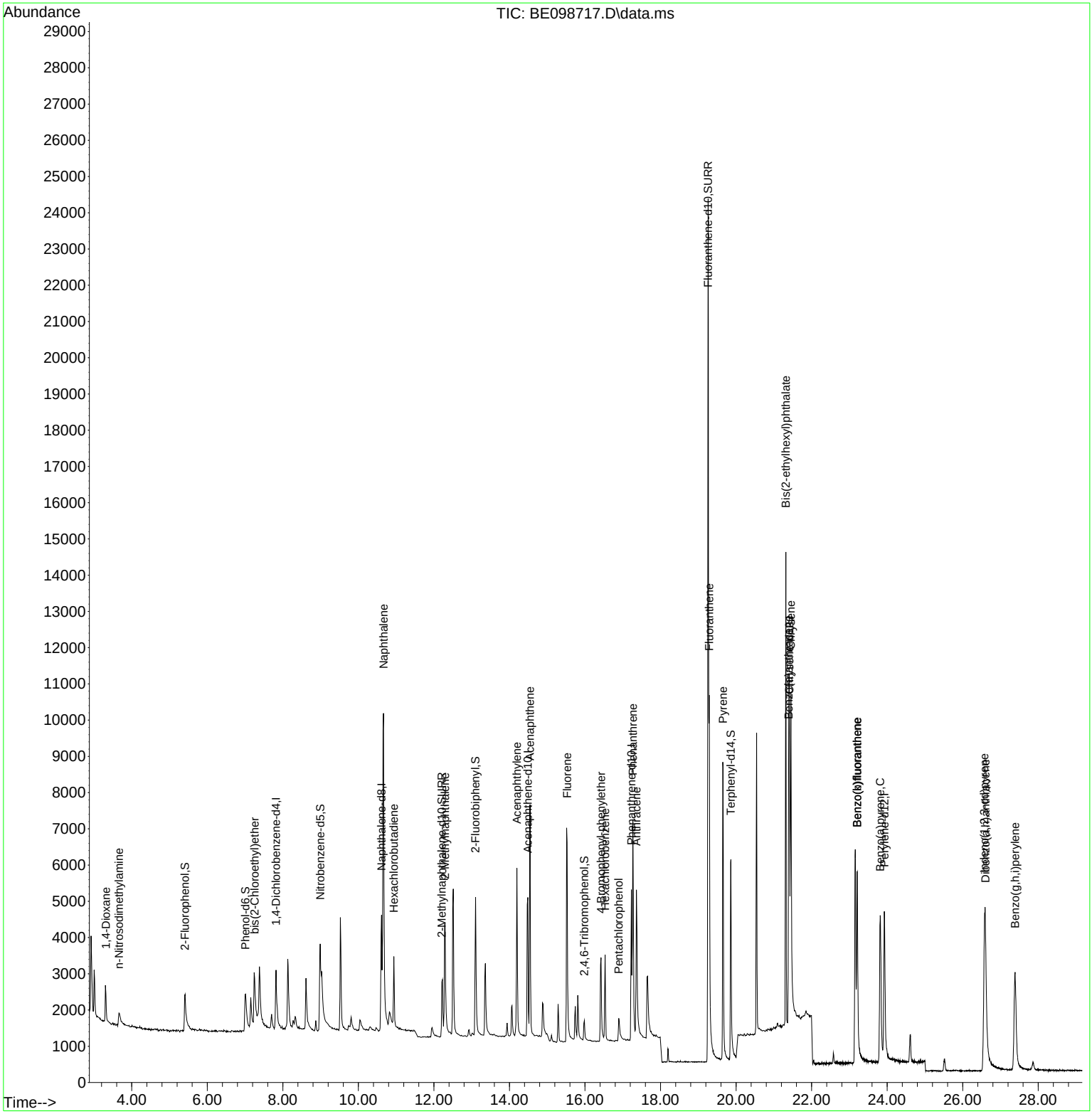
(#) = qualifier out of range (m) = manual integration (+) = signals summed

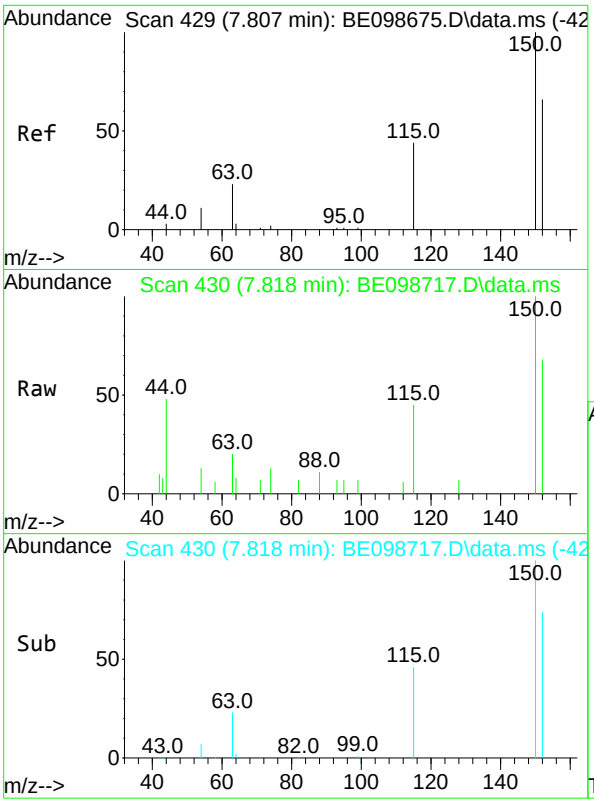
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020719\
Data File : BE098717.D
Acq On : 7 Feb 2019 9:19
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 07 10:31:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration

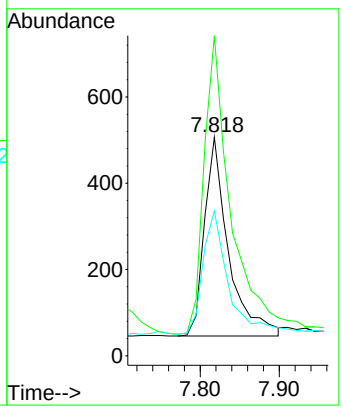




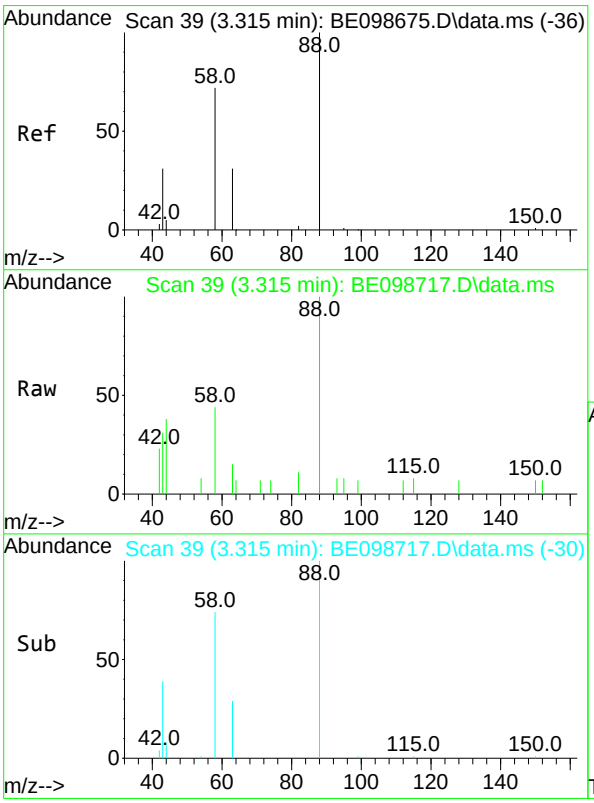
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.818 min Scan# 430
Delta R.T. 0.011 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:152 Resp: 970

Ion	Ratio	Lower	Upper
152	100		
150	146.4	121.4	182.2
115	66.3	59.1	88.7



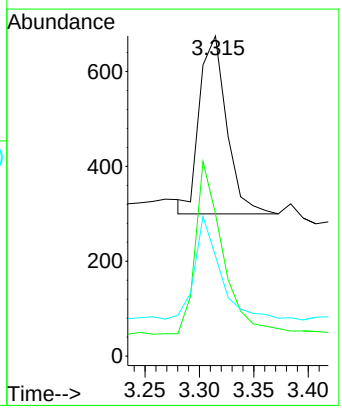
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4



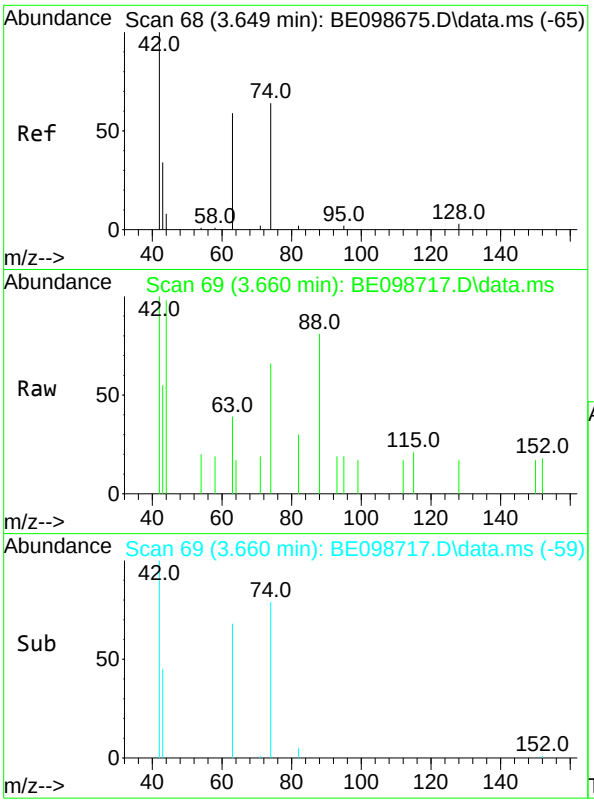
#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.315 min Scan# 39
Delta R.T. -0.000 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion: 88 Resp: 647

Ion	Ratio	Lower	Upper
88	100		
58	97.7	73.9	110.9
43	51.6	43.7	65.5



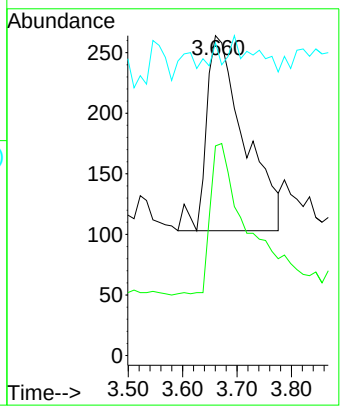
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

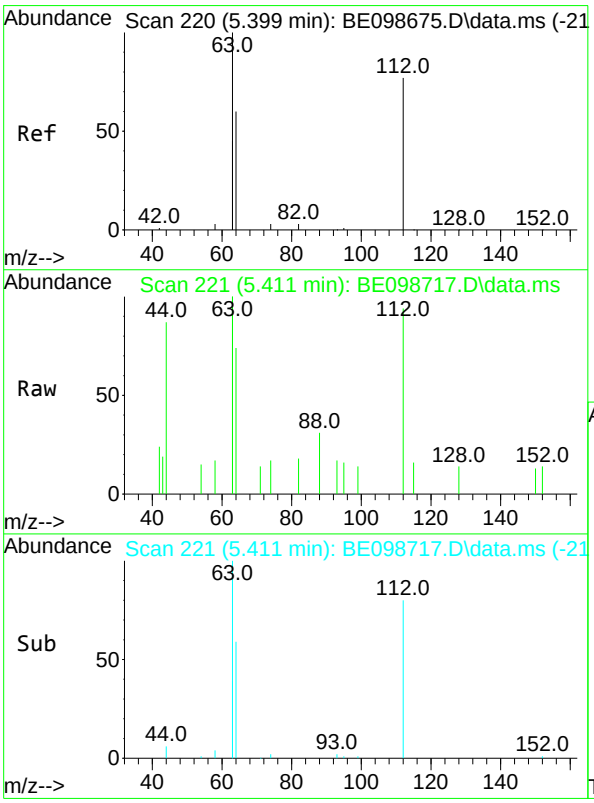


#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.660 min Scan# 69
Delta R.T. 0.011 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion: 42 Resp: 791

Ion	Ratio	Lower	Upper
42	100		
74	78.4	58.9	88.3
44	3.7	0.0	0.0#

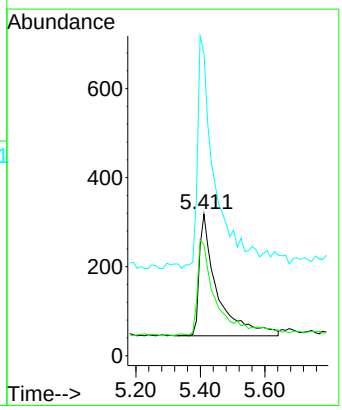




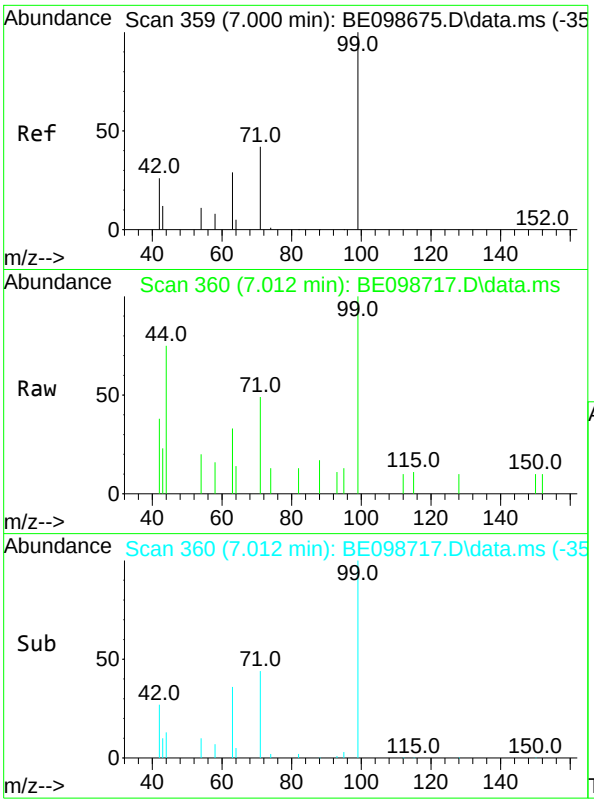
#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.411 min Scan# 221
Delta R.T. 0.012 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:112 Resp: 1048

Ion	Ratio	Lower	Upper
112	100		
64	74.0	62.9	94.3
63	176.3	152.2	228.4



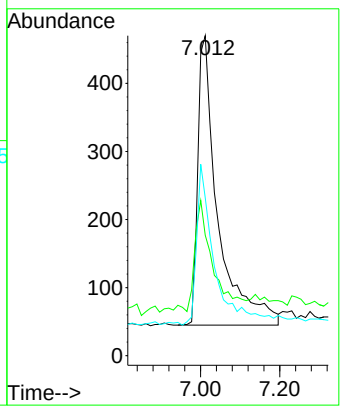
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

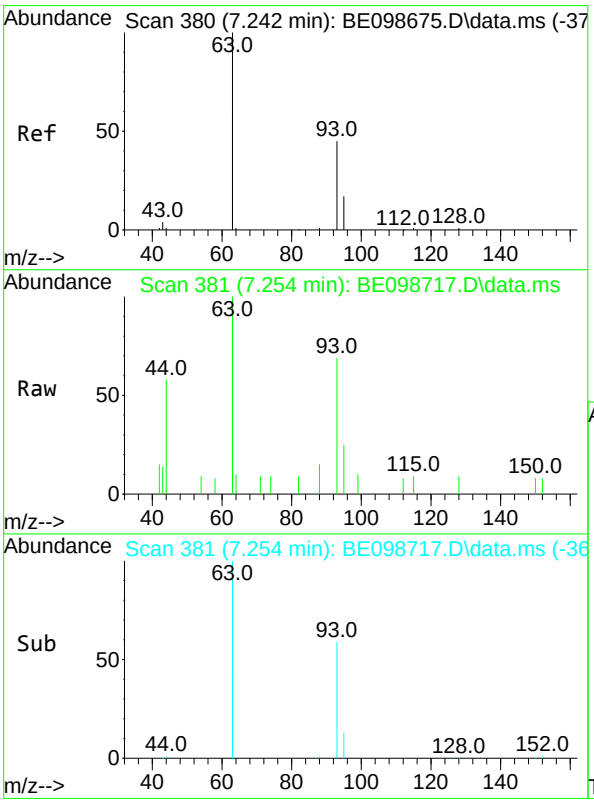


#5
Phenol-d6
Concen: 0.36 ng
RT: 7.012 min Scan# 360
Delta R.T. 0.012 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion: 99 Resp: 1497

Ion	Ratio	Lower	Upper
99	100		
42	33.5	24.6	37.0
71	51.6	35.1	52.7

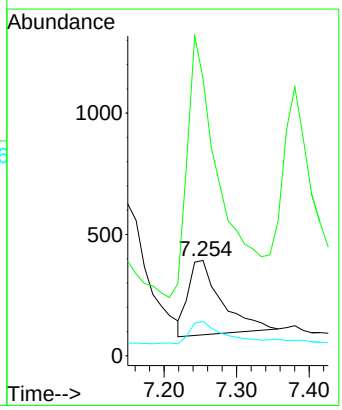


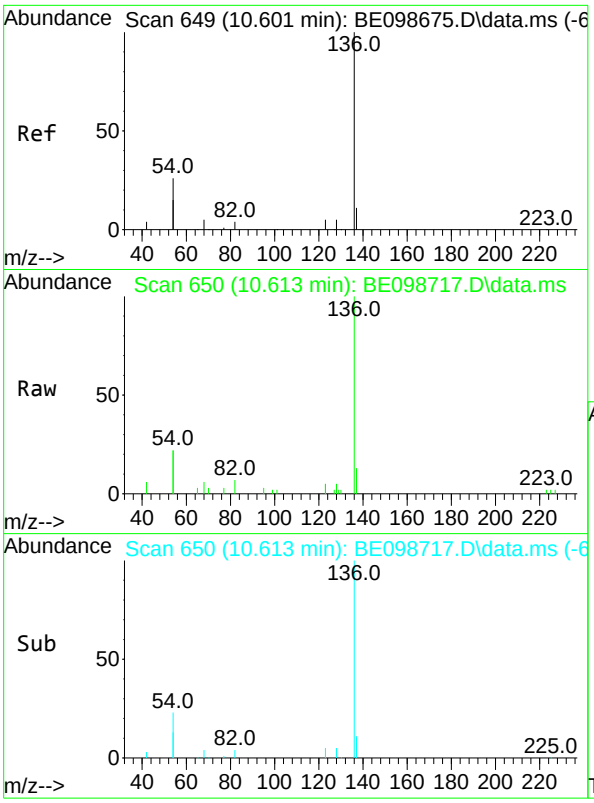


#6
bis(2-Chloroethyl)ether
Concen: 0.34 ng
RT: 7.254 min Scan# 381
Delta R.T. 0.012 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion: 93 Resp: 977

Ion	Ratio	Lower	Upper
93	100		
63	342.2	267.3	400.9
95	36.7	26.2	39.4

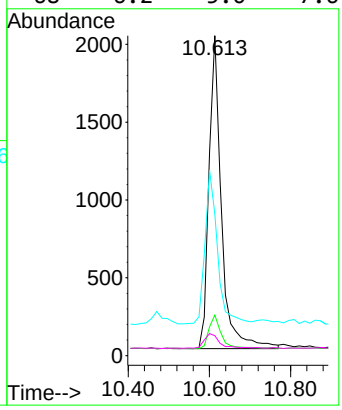




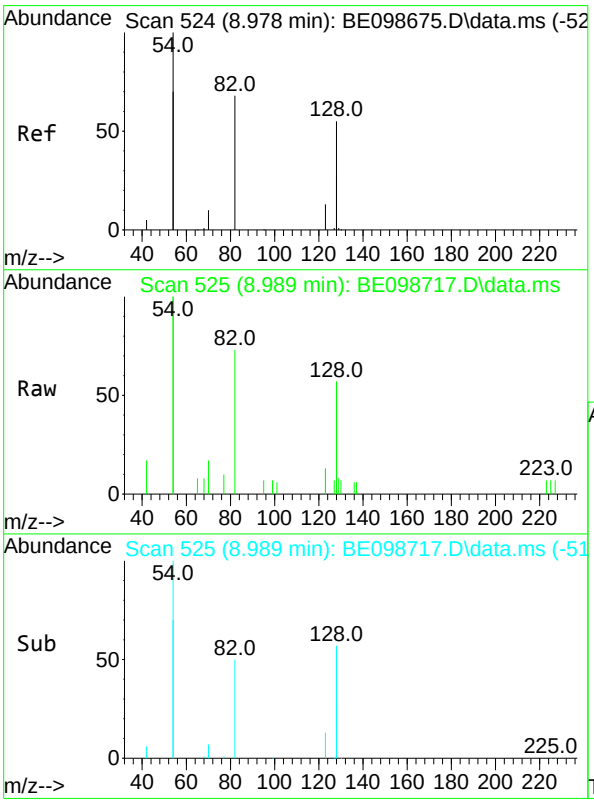
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.613 min Scan# 650
Delta R.T. 0.012 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:136 Resp: 4293

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.7	14.5
54	44.3	35.5	53.3
68	6.2	5.0	7.6



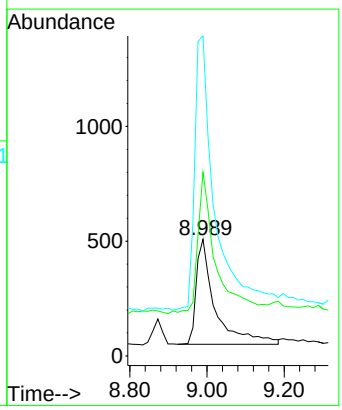
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

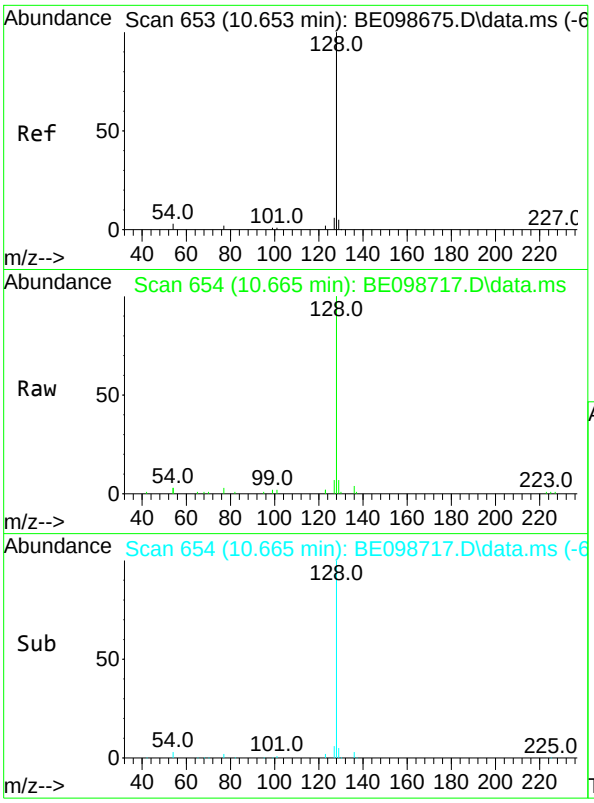


#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.989 min Scan# 525
Delta R.T. 0.011 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion: 82 Resp: 1559

Ion	Ratio	Lower	Upper
82	100		
128	157.5	96.5	144.7#
54	274.4	224.7	337.1

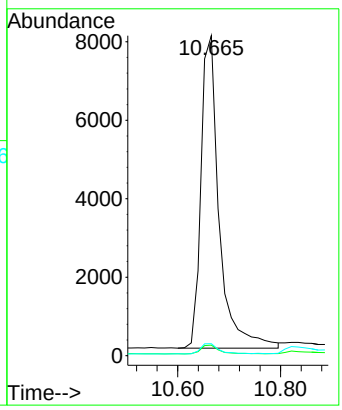




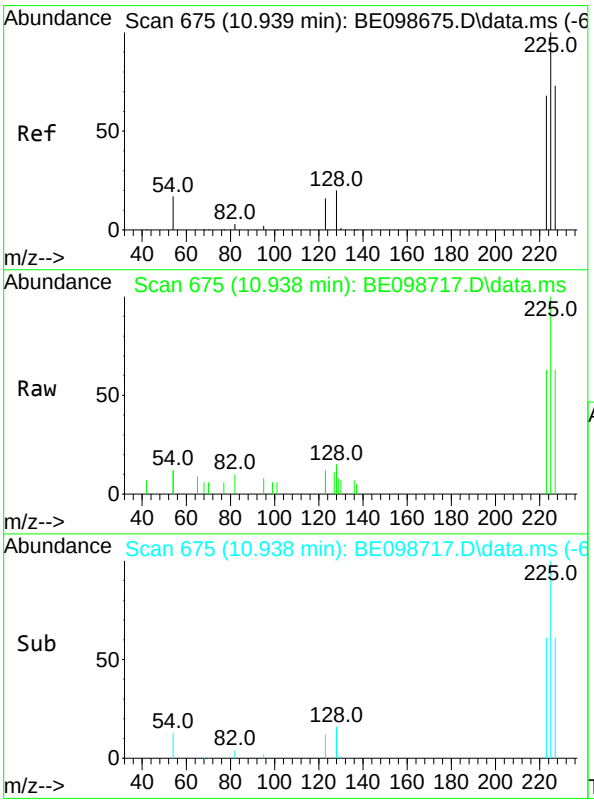
#9
Naphthalene
Concen: 0.40 ng
RT: 10.665 min Scan# 654
Delta R.T. 0.012 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:128 Resp: 19555

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



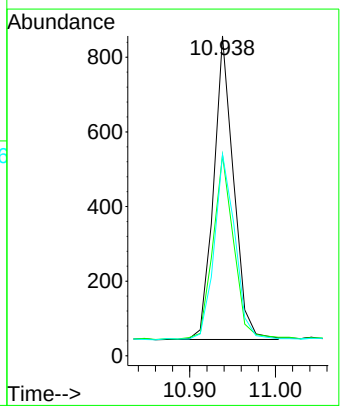
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4



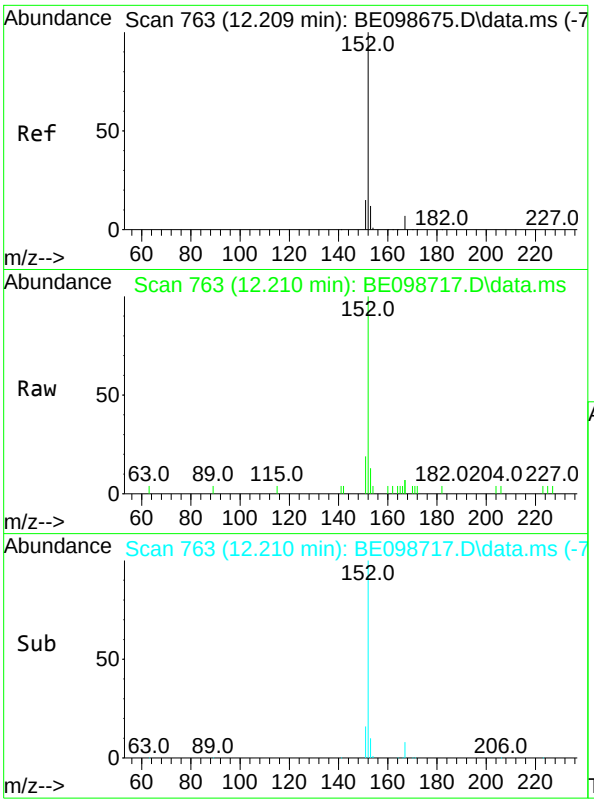
#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.938 min Scan# 675
Delta R.T. -0.001 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:225 Resp: 1316

Ion	Ratio	Lower	Upper
225	100		
223	62.5	47.8	71.8
227	62.8	50.5	75.7



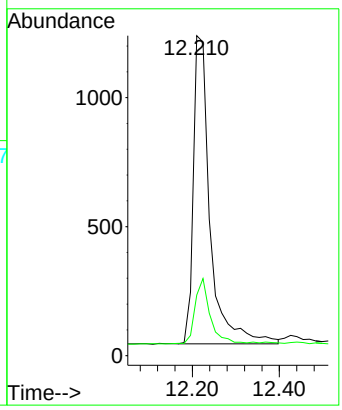
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

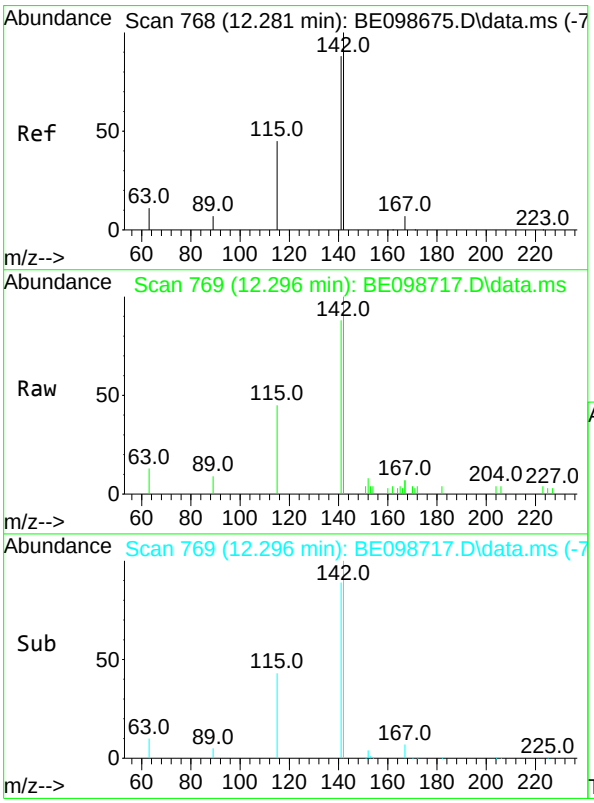


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.210 min Scan# 763
Delta R.T. 0.001 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:152 Resp: 3208

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4

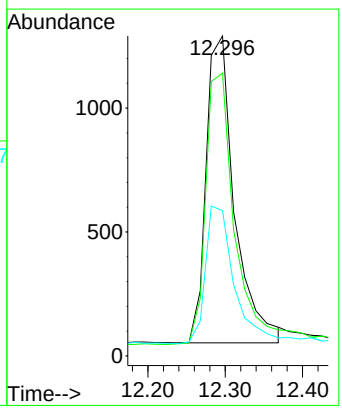




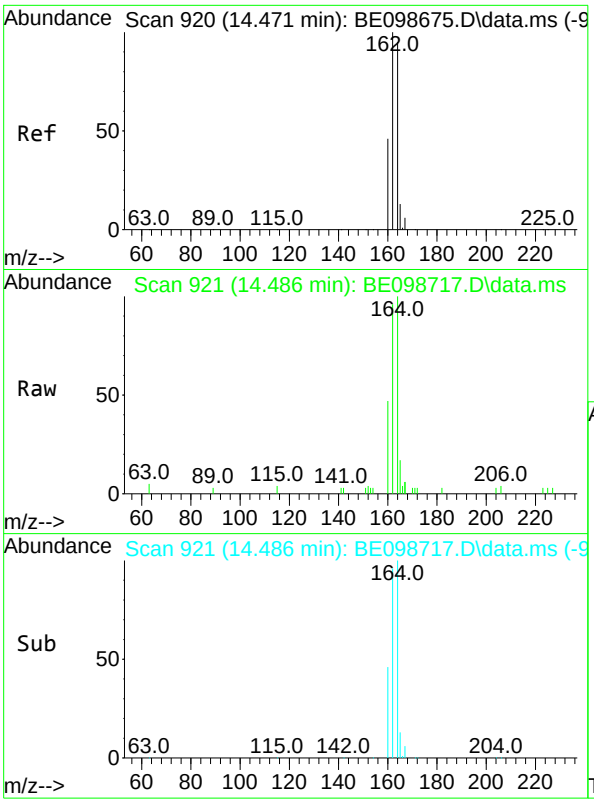
#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.296 min Scan# 769
Delta R.T. 0.015 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:142 Resp: 3174

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.0	105.0
115	45.4	35.2	52.8



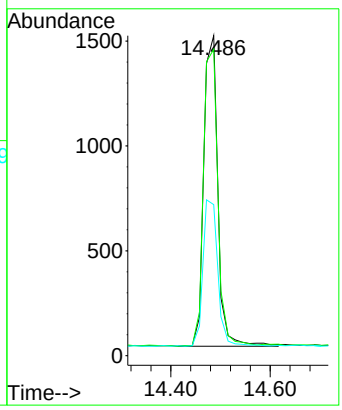
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

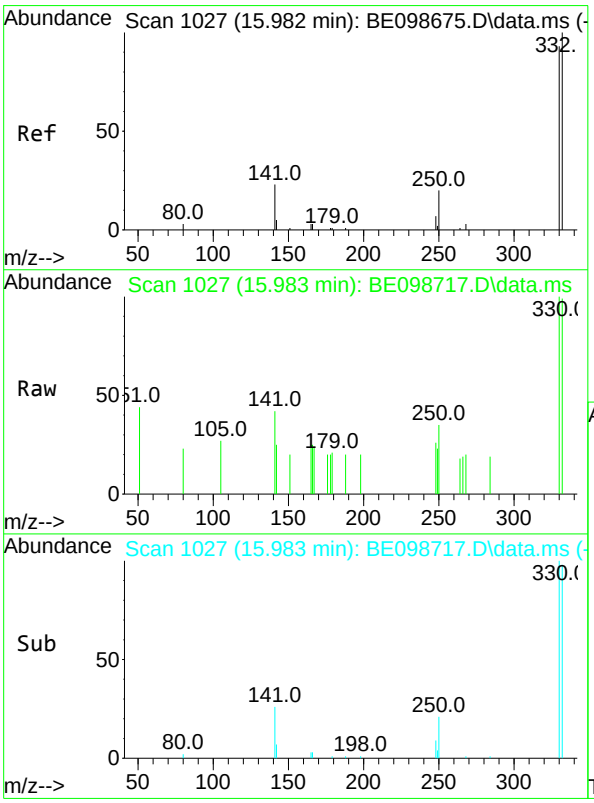


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.486 min Scan# 921
Delta R.T. 0.015 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:164 Resp: 2903

Ion	Ratio	Lower	Upper
164	100		
162	95.7	80.5	120.7
160	47.2	40.1	60.1

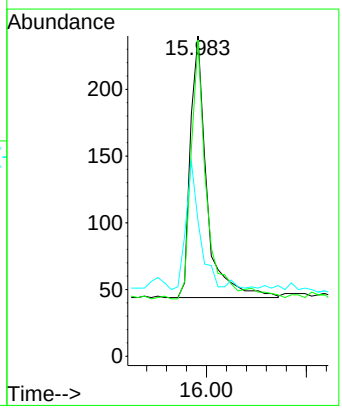




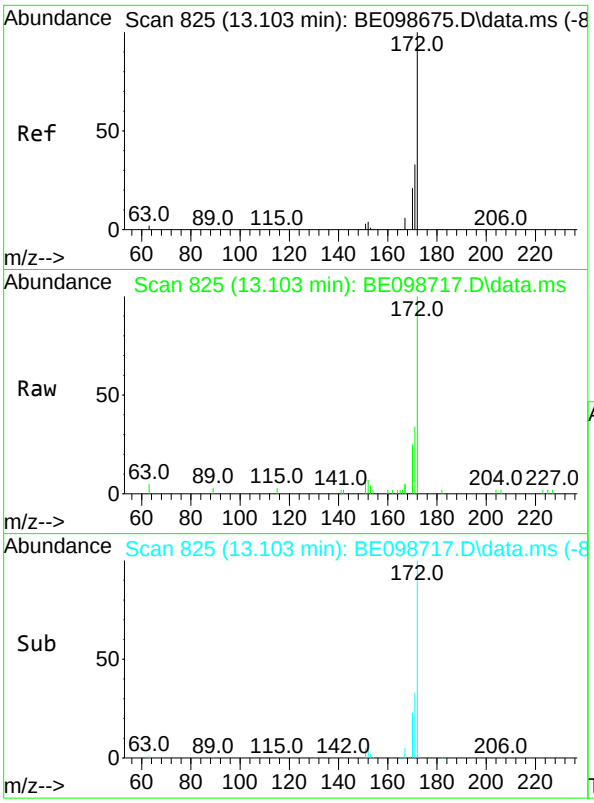
#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:330 Resp: 447

Ion	Ratio	Lower	Upper
330	100		
332	97.1	73.3	109.9
141	41.4	33.1	49.7



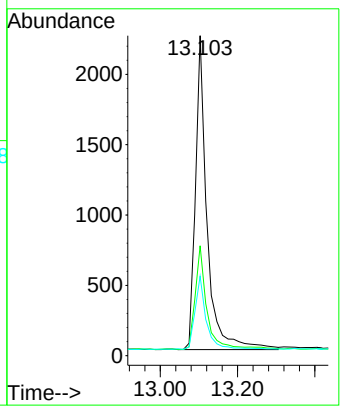
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

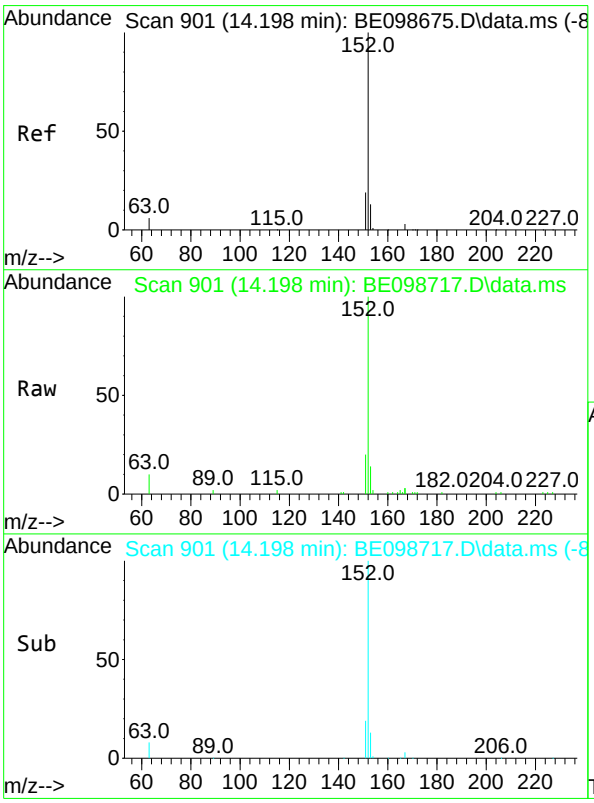


#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.103 min Scan# 825
Delta R.T. 0.000 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:172 Resp: 4652

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.0	43.4
170	24.8	20.8	31.2

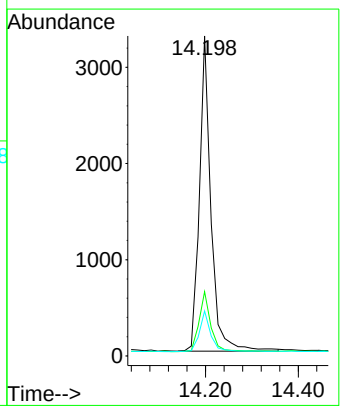




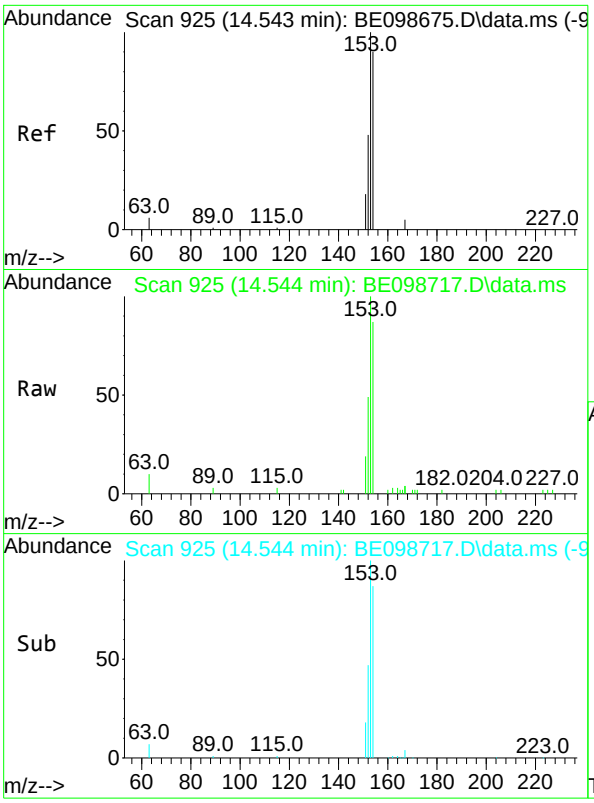
#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.198 min Scan# 901
Delta R.T. 0.000 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:152 Resp: 5670

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	12.8	10.7	16.1



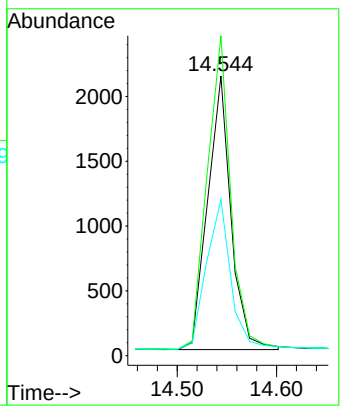
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

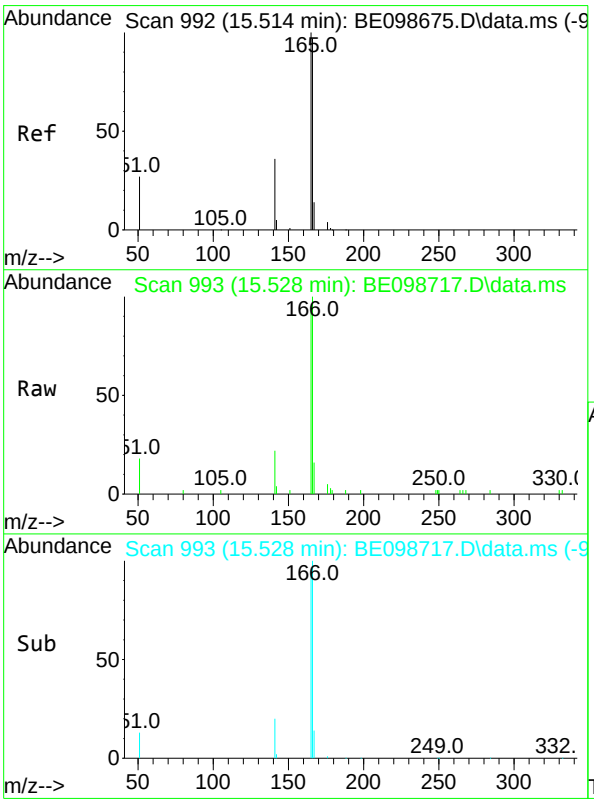


#17
Acenaphthene
Concen: 0.39 ng
RT: 14.544 min Scan# 925
Delta R.T. 0.001 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:154 Resp: 3441

Ion	Ratio	Lower	Upper
154	100		
153	116.4	93.9	140.9
152	56.6	45.8	68.8

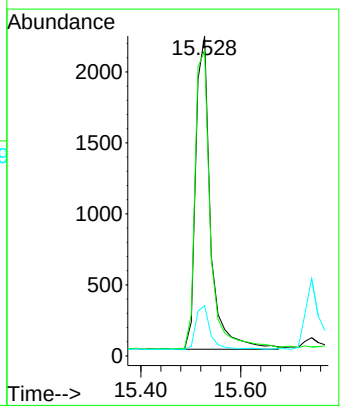




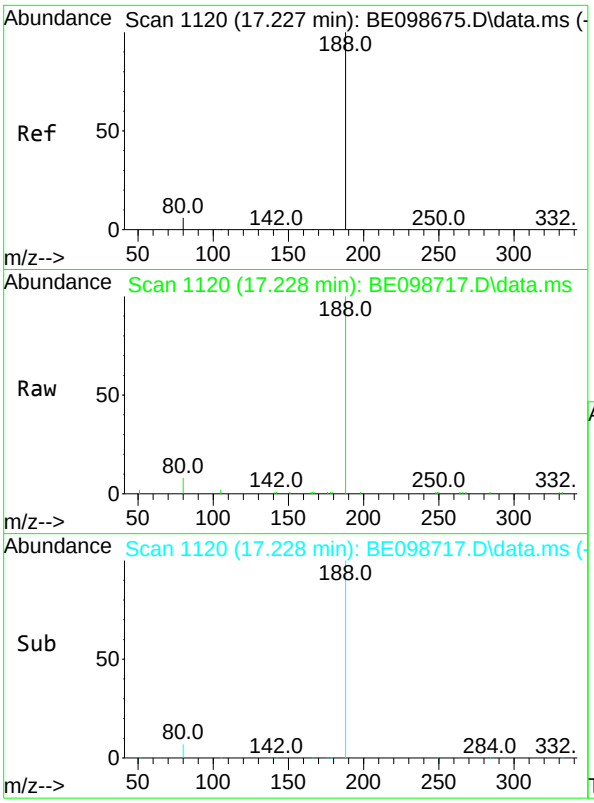
#18
Fluorene
Concen: 0.38 ng
RT: 15.528 min Scan# 993
Delta R.T. 0.014 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:166 Resp: 4561

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.3	118.9
167	13.4	10.6	15.8



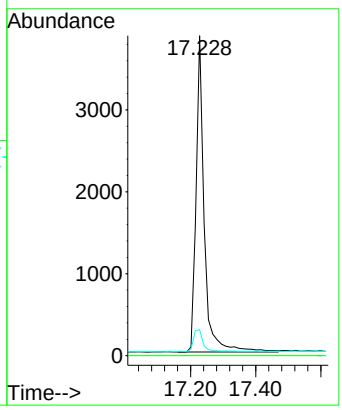
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

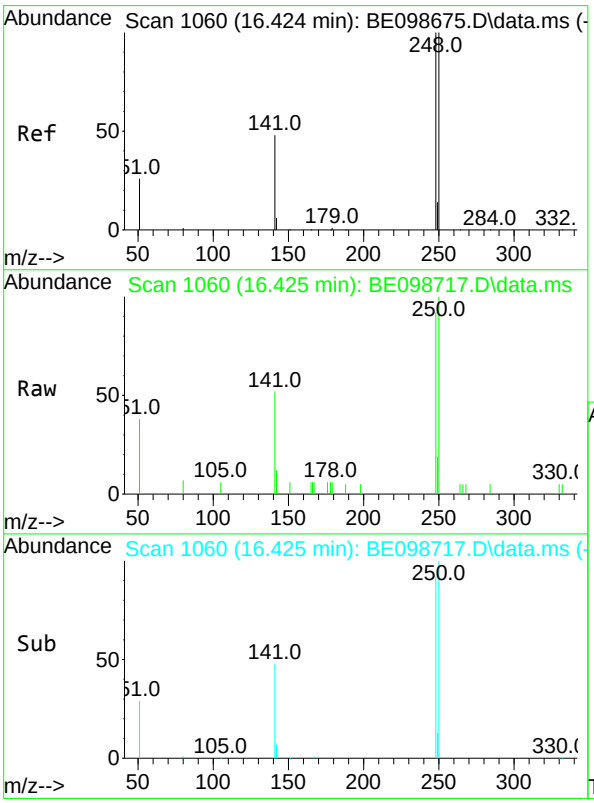


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:188 Resp: 6699

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	4.7	7.1#

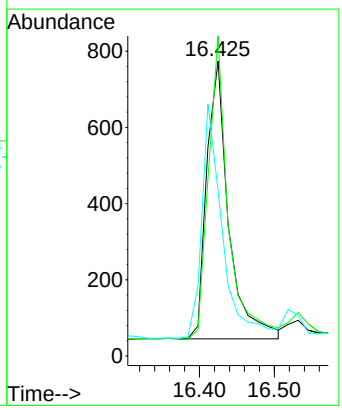




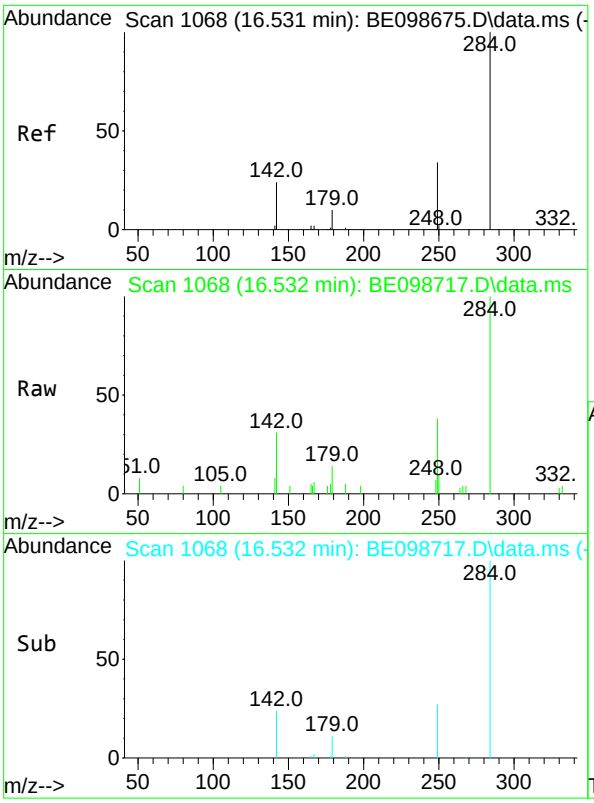
#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.425 min Scan# 1060
Delta R.T. 0.001 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:248 Resp: 1483

Ion	Ratio	Lower	Upper
248	100		
250	108.5	80.2	120.4
141	56.2	60.5	90.7#



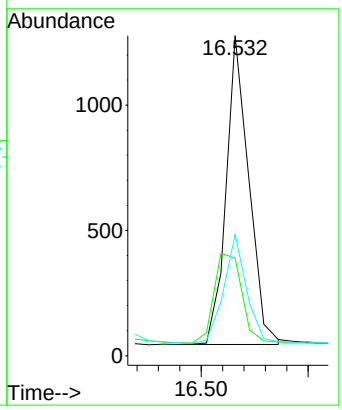
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

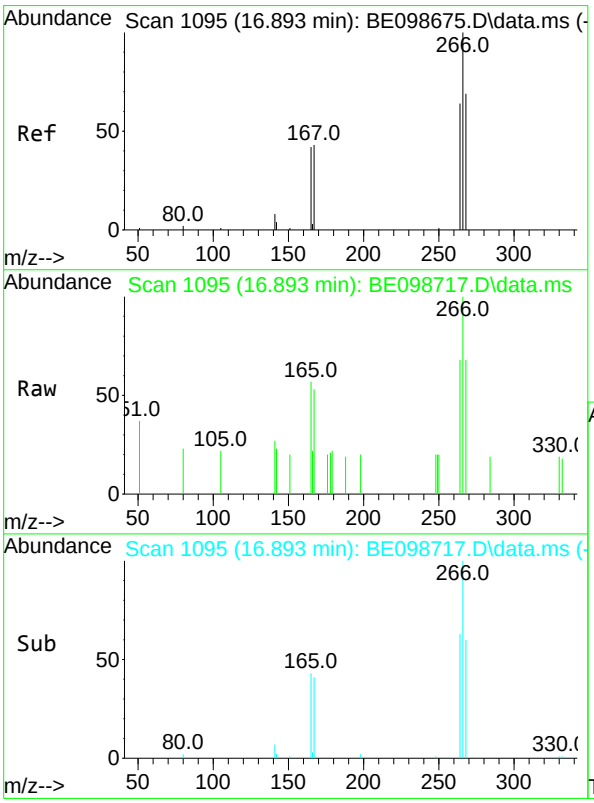


#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.532 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:284 Resp: 1813

Ion	Ratio	Lower	Upper
284	100		
142	35.2	25.5	38.3
249	35.2	26.6	39.8

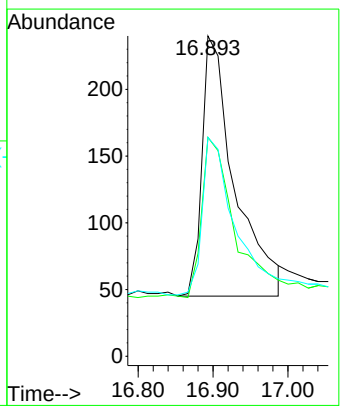




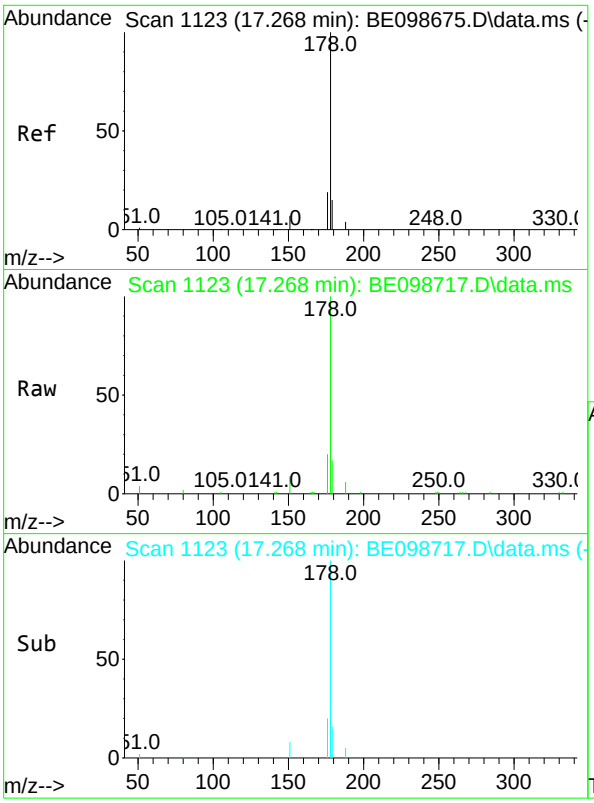
#22
Pentachlorophenol
Concen: 0.50 ng
RT: 16.893 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:266 Resp: 592

Ion	Ratio	Lower	Upper
266	100		
264	68.3	53.7	80.5
268	68.3	59.8	89.8



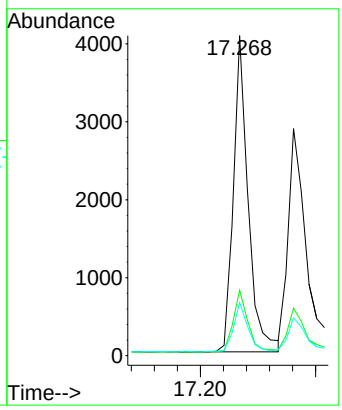
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

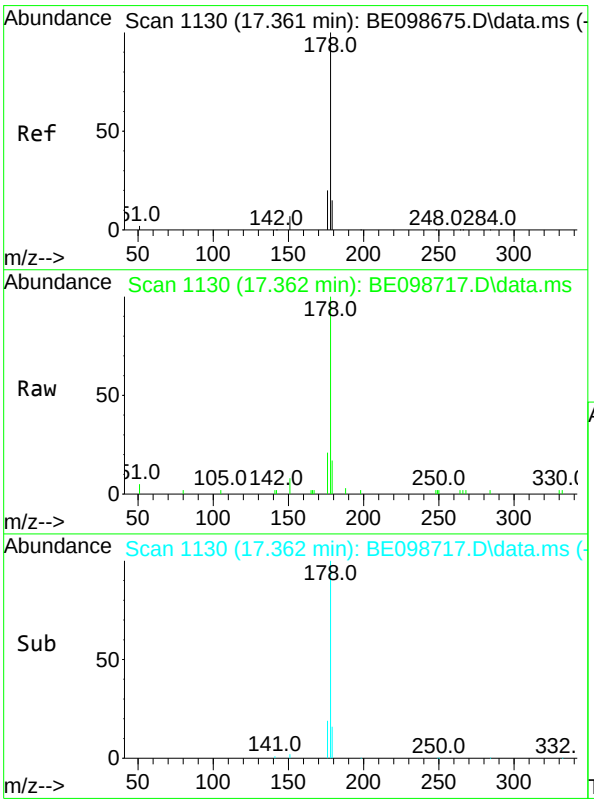


#23
Phenanthrene
Concen: 0.39 ng
RT: 17.268 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:178 Resp: 7219

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.2	12.2	18.4

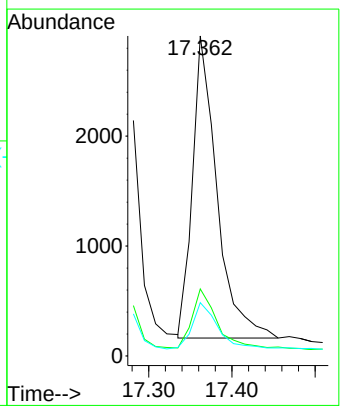




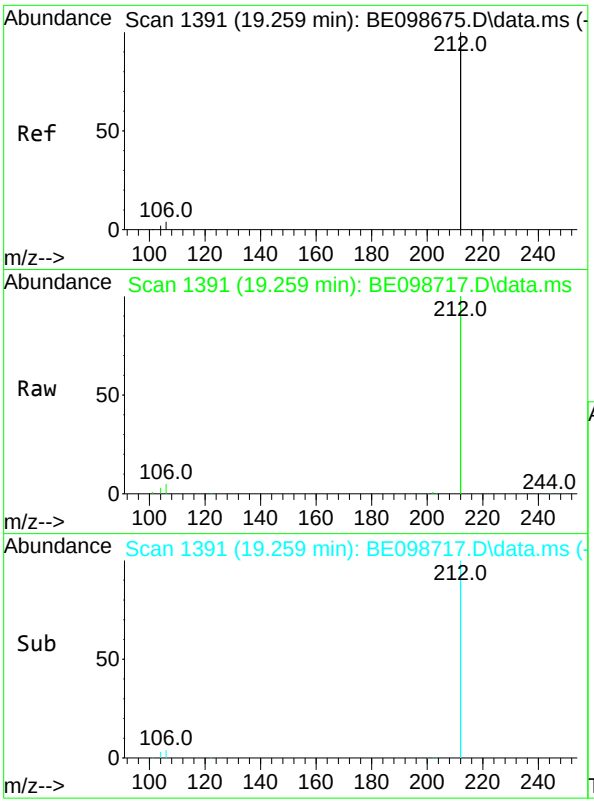
#24
Anthracene
Concen: 0.37 ng
RT: 17.362 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:178 Resp: 5636

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.9	11.8	17.8



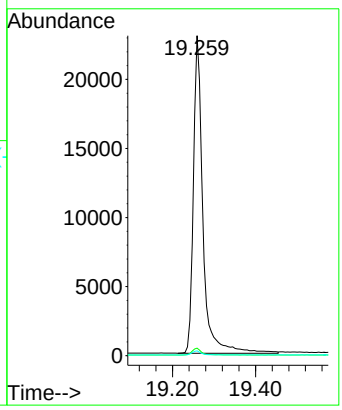
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

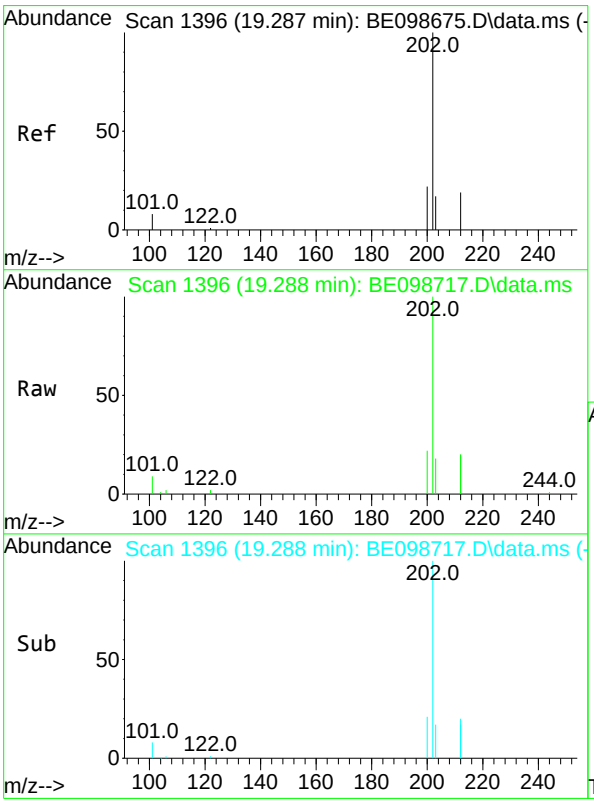


#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.259 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:212 Resp: 36853

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

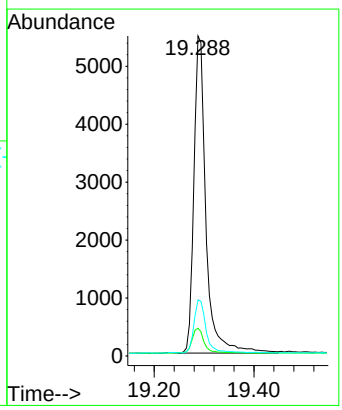




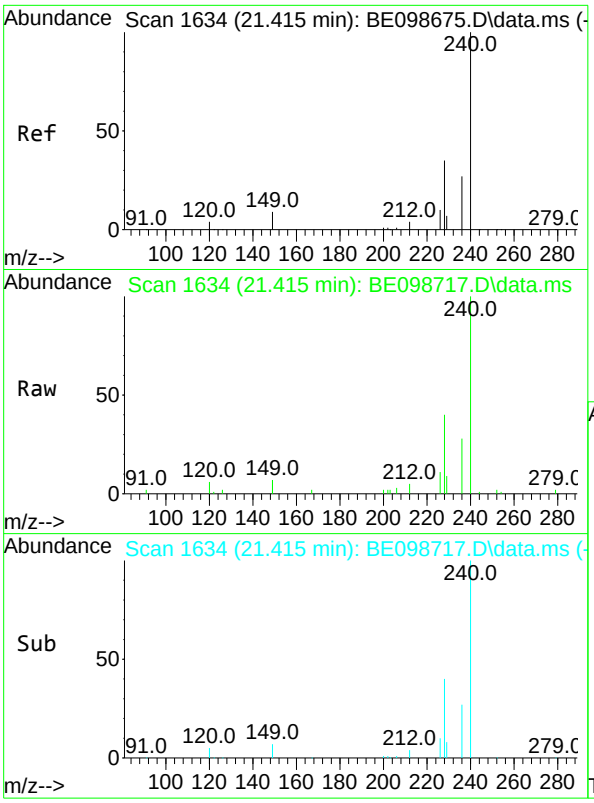
#26
Fluoranthene
Concen: 0.39 ng
RT: 19.288 min Scan# 1396
Delta R.T. 0.001 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:202 Resp: 9244

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.7	10.1
203	16.7	13.3	19.9



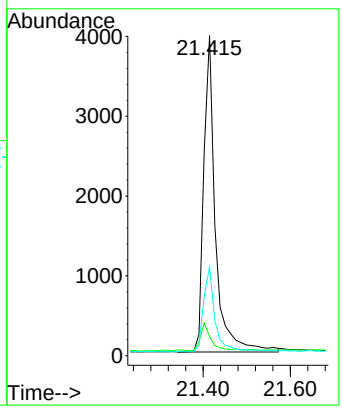
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

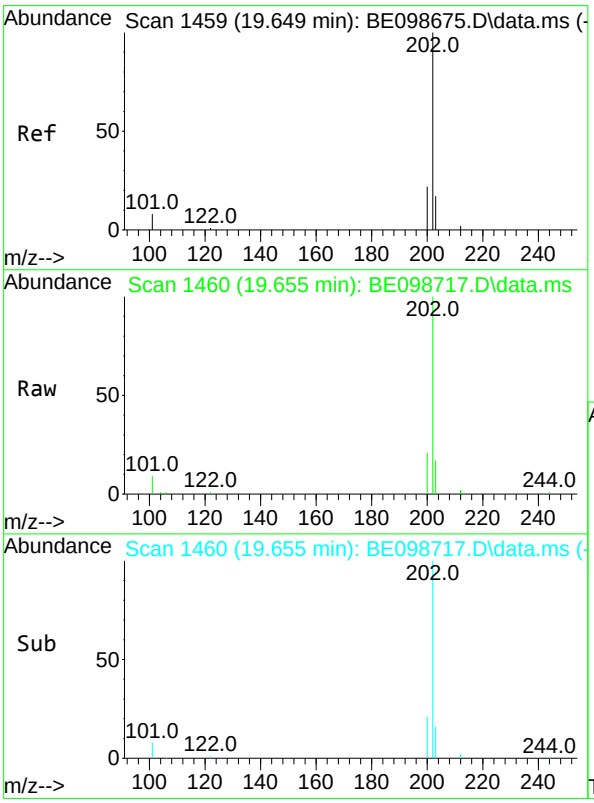


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:240 Resp: 7360

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.7	7.1
236	27.8	21.9	32.9

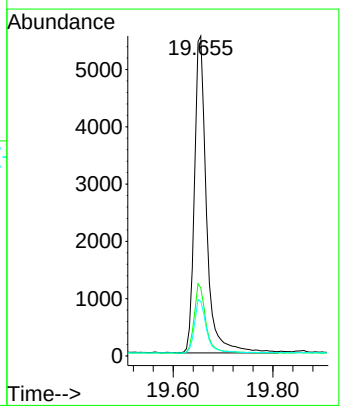




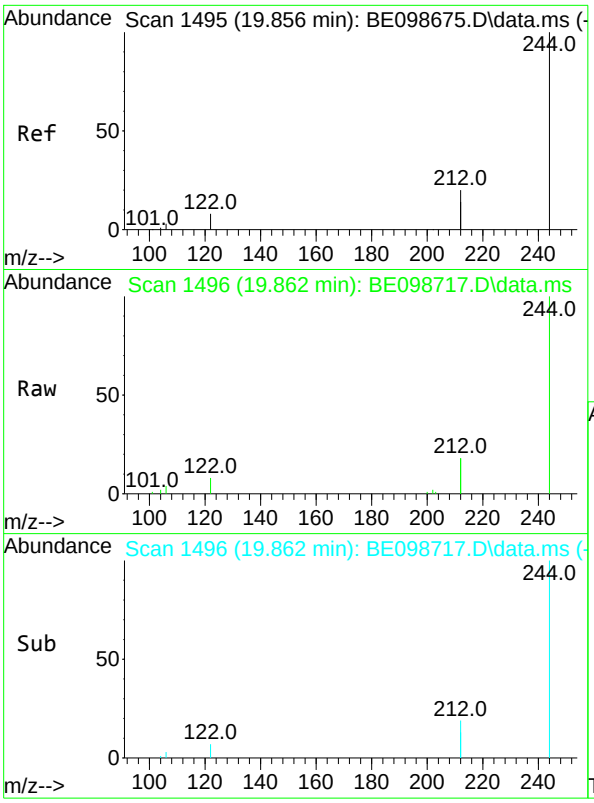
#28
Pyrene
Concen: 0.40 ng
RT: 19.655 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:202 Resp: 9360

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	16.8	13.8	20.8



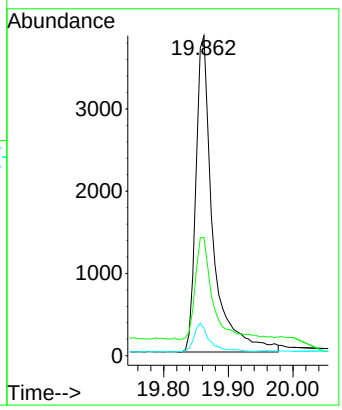
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

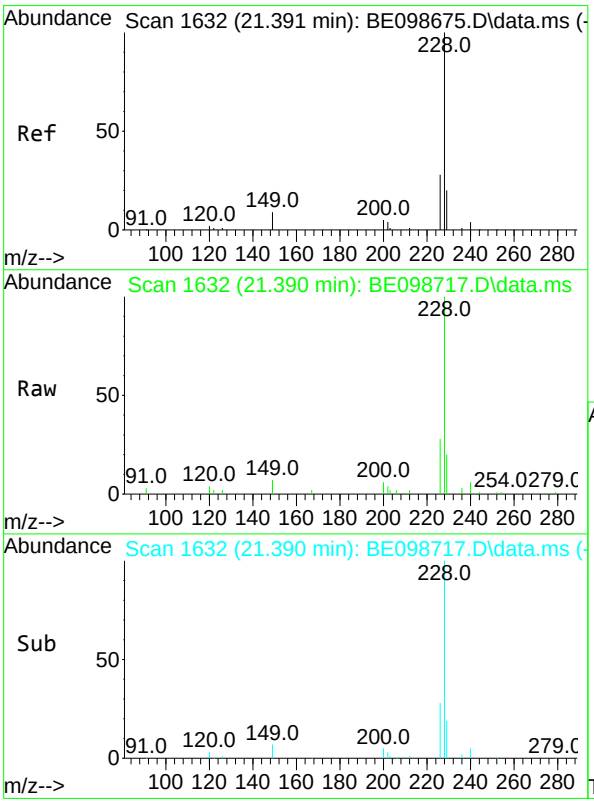


#29
Terphenyl-d14
Concen: 0.38 ng
RT: 19.862 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:244 Resp: 7026

Ion	Ratio	Lower	Upper
244	100		
212	37.0	29.4	44.2
122	8.5	7.1	10.7

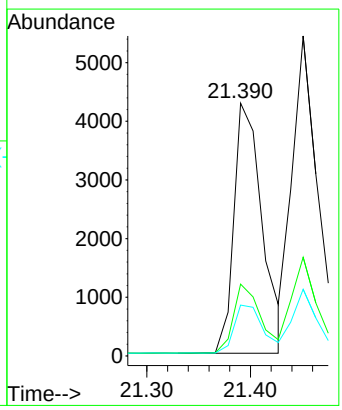




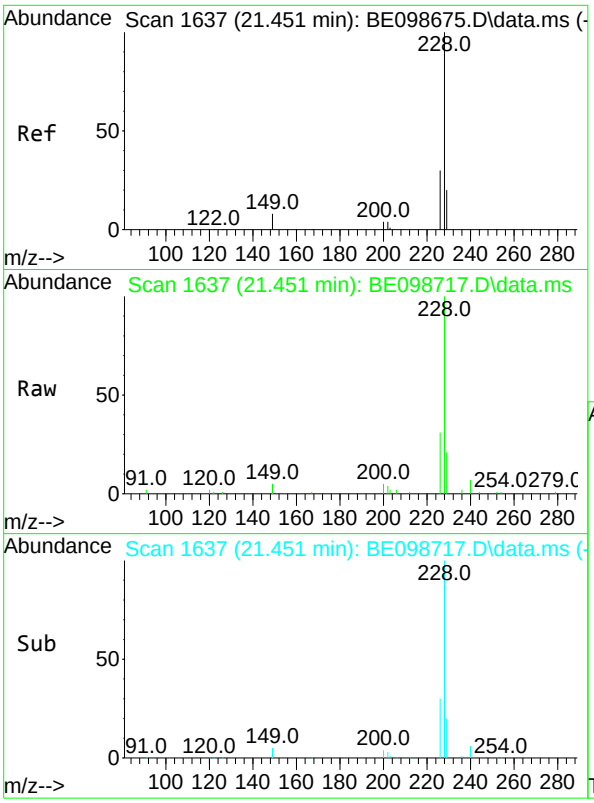
#30
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.390 min Scan# 1632
Delta R.T. -0.001 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:228 Resp: 8112

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	20.1	15.0	22.6



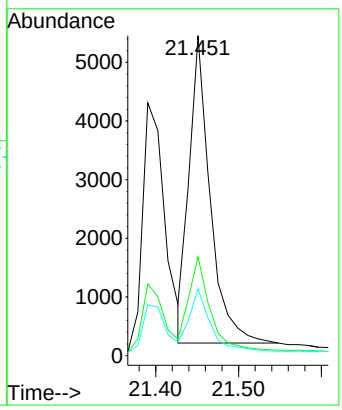
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

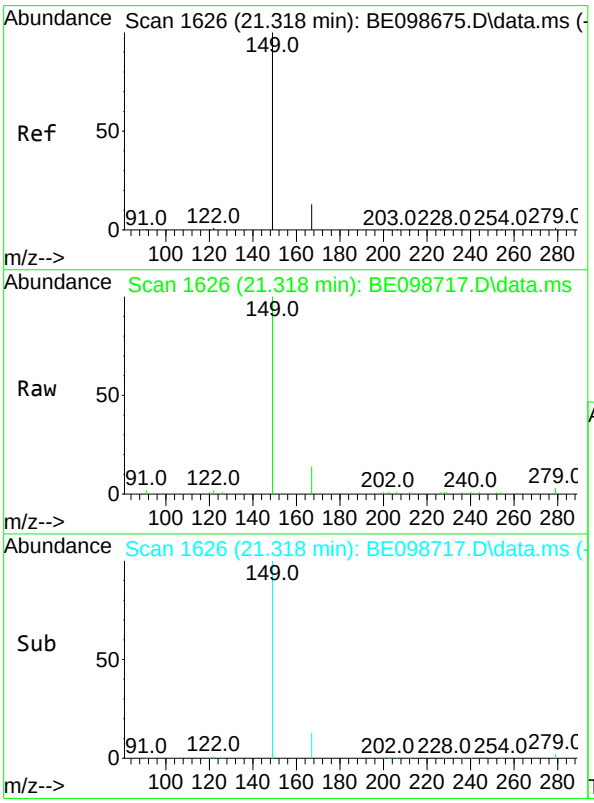


#31
Chrysene
Concen: 0.38 ng
RT: 21.451 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:228 Resp: 9236

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	20.8	16.4	24.6

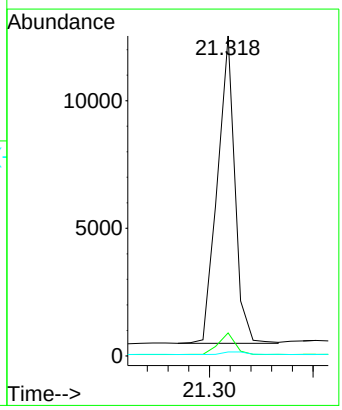




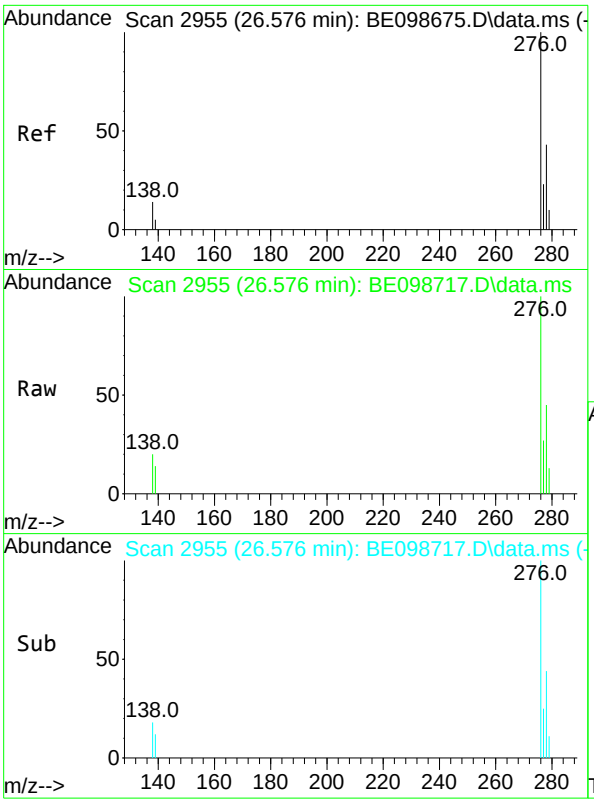
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.318 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:149 Resp: 14119

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.2
279	1.3	1.0	1.4



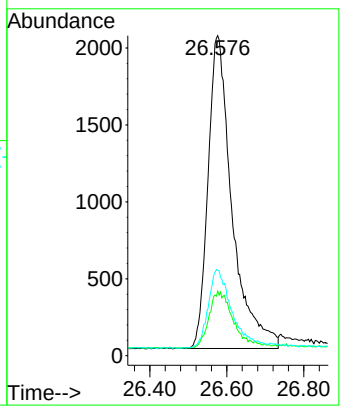
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

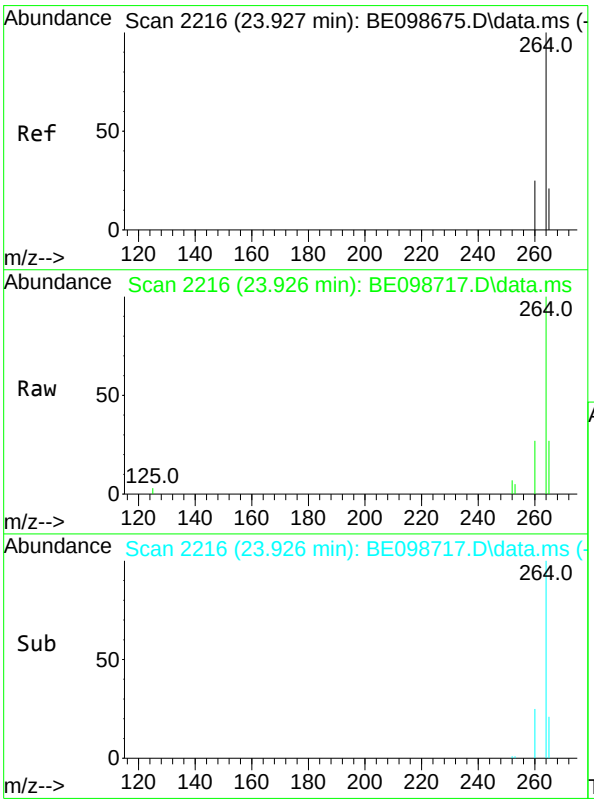


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 26.576 min Scan# 2955
Delta R.T. 0.000 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:276 Resp: 8805

Ion	Ratio	Lower	Upper
276	100		
138	17.8	13.3	19.9
277	24.5	19.4	29.0

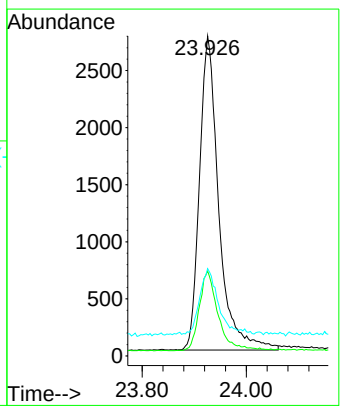


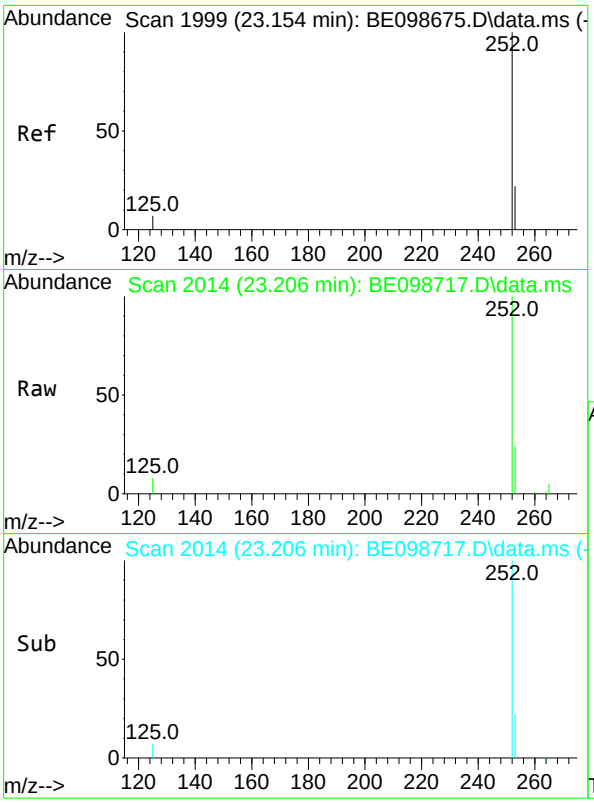


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.926 min Scan# 2216
Delta R.T. -0.001 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:264 Resp: 7068

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.5	30.7
265	27.3	22.3	33.5

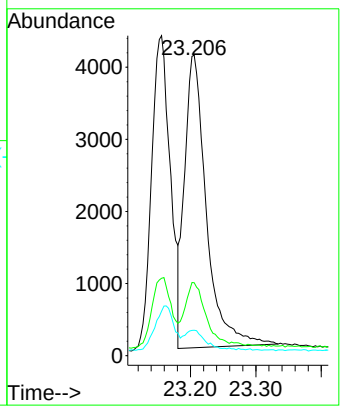




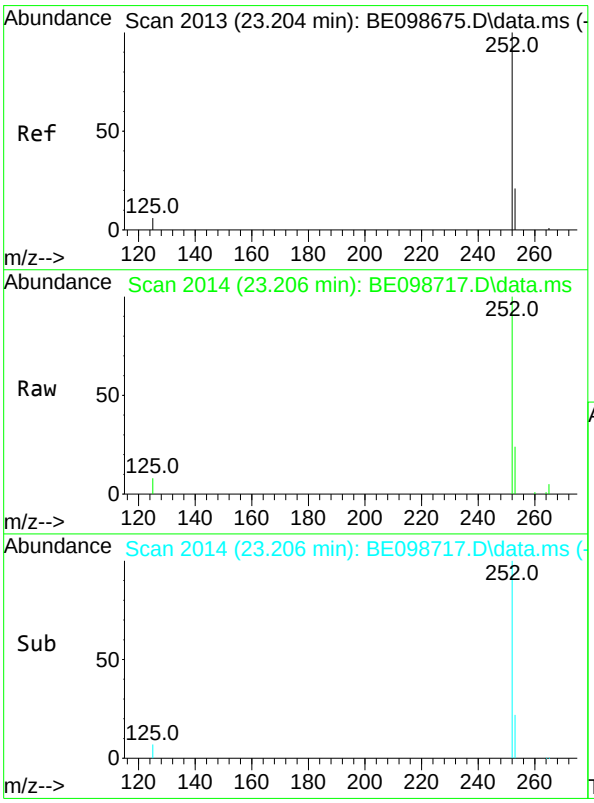
#35
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 23.206 min Scan# 2014
Delta R.T. 0.052 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:252 Resp: 9453

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.0
125	8.5	8.2	12.4



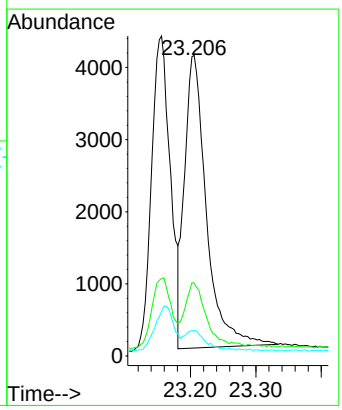
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4



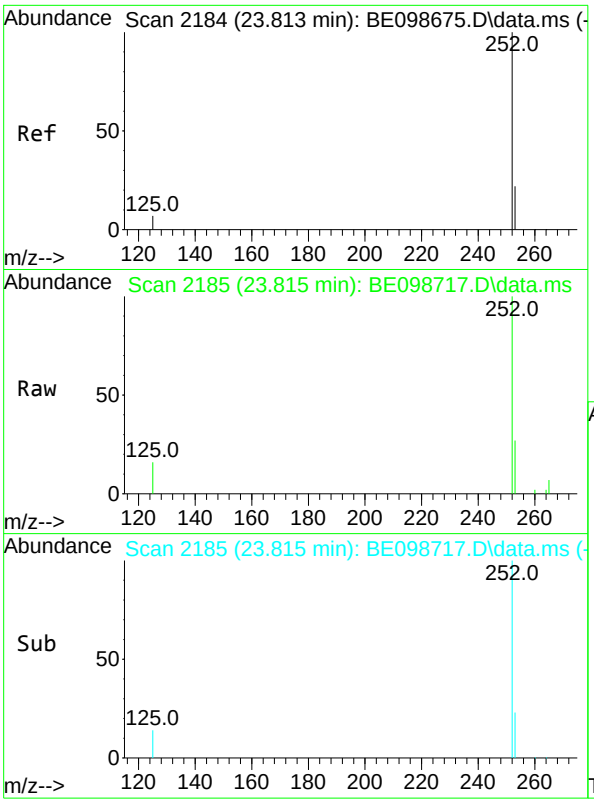
#36
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.206 min Scan# 2014
Delta R.T. 0.002 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:252 Resp: 9453

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.0	28.4
125	8.5	7.0	10.4



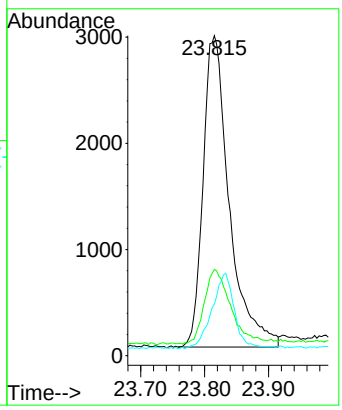
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

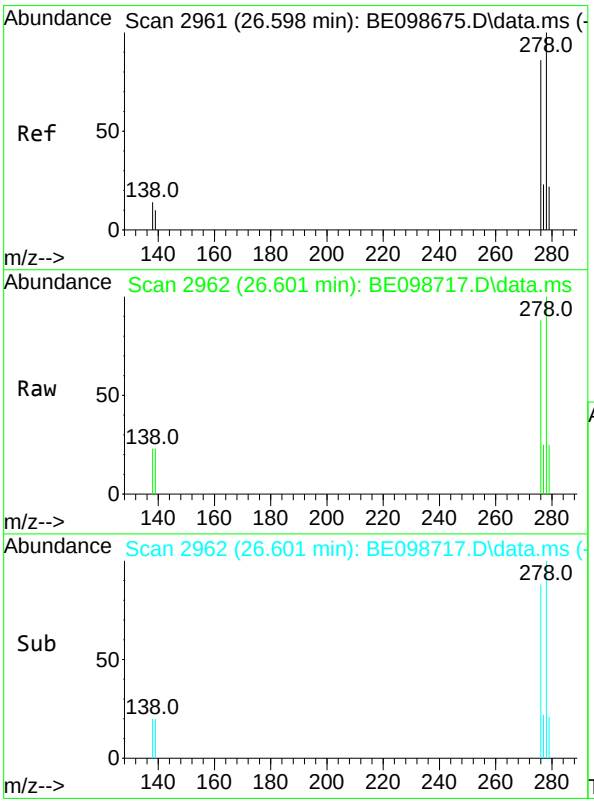


#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.815 min Scan# 2185
Delta R.T. 0.002 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:252 Resp: 8322

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.0	31.4
125	16.1	9.2	13.8#

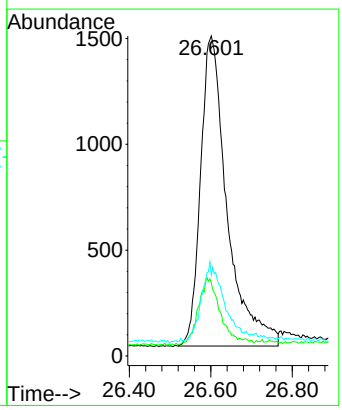


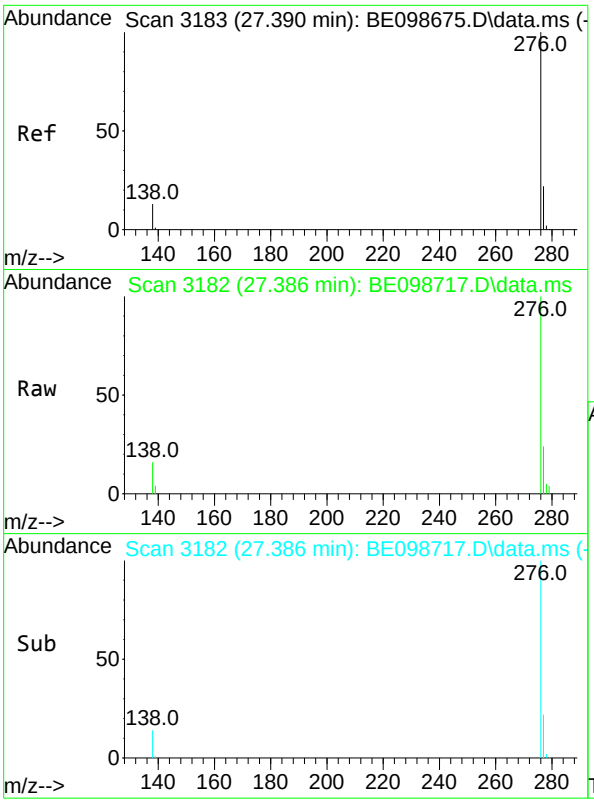


#38
Dibenzo(a,h)anthracene
Concen: 0.33 ng
RT: 26.601 min Scan# 2962
Delta R.T. 0.003 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:278 Resp: 6628

Ion	Ratio	Lower	Upper
278	100		
139	22.8	12.7	19.1#
279	25.3	22.0	33.0

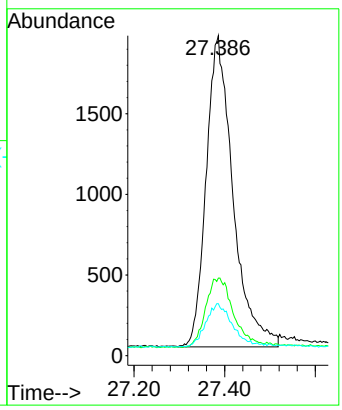




#39
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 27.386 min Scan# 3182
Delta R.T. -0.004 min
Lab File: BE098717.D
Acq: 7 Feb 2019 9:19

Tgt Ion:276 Resp: 7921

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.3	30.5
138	16.2	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4