Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE012419\
Data File : BE098674.D
Acq On : 24 Jan 2019 10:57
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Jan 24 12:40:44 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 12:37:26 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	783	0.40	ng		0.00
7) Naphthalene-d8	10.614	136	3592	0.40	ng		0.01
13) Acenaphthene-d10	14.470	164	2395	0.40	ng		0.00
19) Phenanthrene-d10	17.228	188	5789	0.40	ng	#	0.00
27) Chrysene-d12	21.414	240	6298	0.40	ng		0.00
34) Perylene-d12	23.926	264	6114	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.409	112	448	0.21	ng		0.00
5) Phenol-d6	7.010	99	676	0.23	ng		0.00
8) Nitrobenzene-d5	8.990	82	604	0.21	ng		0.01
11) 2-Methylnaphthalene-d10	12.209	152	1324	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.983	330	178	0.17	ng		0.00
15) 2-Fluorobiphenyl	13.102	172	1892	0.19	ng		0.00
25) Fluoranthene-d10	19.265	212	15502	0.22	ng		0.00
29) Terphenyl-d14	19.862	244	2970	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.313	88	352	0.23	ng		85
3) n-Nitrosodimethylamine	3.659	42	163	0.14	ng	#	13
6) bis(2-Chloroethyl)ether	7.252	93	492	0.22	ng	#	1
9) Naphthalene	10.653	128	7929	0.22	ng		99
10) Hexachlorobutadiene	10.939	225	538	0.21	ng		95
12) 2-Methylnaphthalene	12.295	142	1312	0.22	ng		96
16) Acenaphthylene	14.197	152	2252	0.22	ng		100
17) Acenaphthene	14.543	154	1401	0.22	ng		99
18) Fluorene	15.528	166	1883	0.22	ng		100
20) 4-Bromophenyl-phenylether	16.425	248	619	0.20	ng	#	92
21) Hexachlorobenzene	16.532	284	761	0.21	ng		96
22) Pentachlorophenol	16.907	266	201	0.19	ng		86
23) Phenanthrene	17.268	178	3021	0.22	ng		99
24) Anthracene	17.362	178	2205	0.19	ng		98
26) Fluoranthene	19.294	202	3817	0.22	ng		98
28) Pyrene	19.656	202	3875	0.22	ng		99
30) Benzo(a)anthracene	21.402	228	3412	0.20	ng		96
31) Chrysene	21.450	228	3929	0.22	ng		97
32) Bis(2-ethylhexyl)phtha...	21.317	149	6745	0.19	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.580	276	3740	0.21	ng		98
35) Benzo(b)fluoranthene	23.160	252	3596	0.22	ng		95
36) Benzo(k)fluoranthene	23.210	252	4020	0.22	ng	#	93
37) Benzo(a)pyrene	23.819	252	3511	0.21	ng	#	90
38) Dibenzo(a,h)anthracene	26.602	278	2720	0.19	ng		94
39) Benzo(g,h,i)perylene	27.394	276	3501	0.22	ng		94

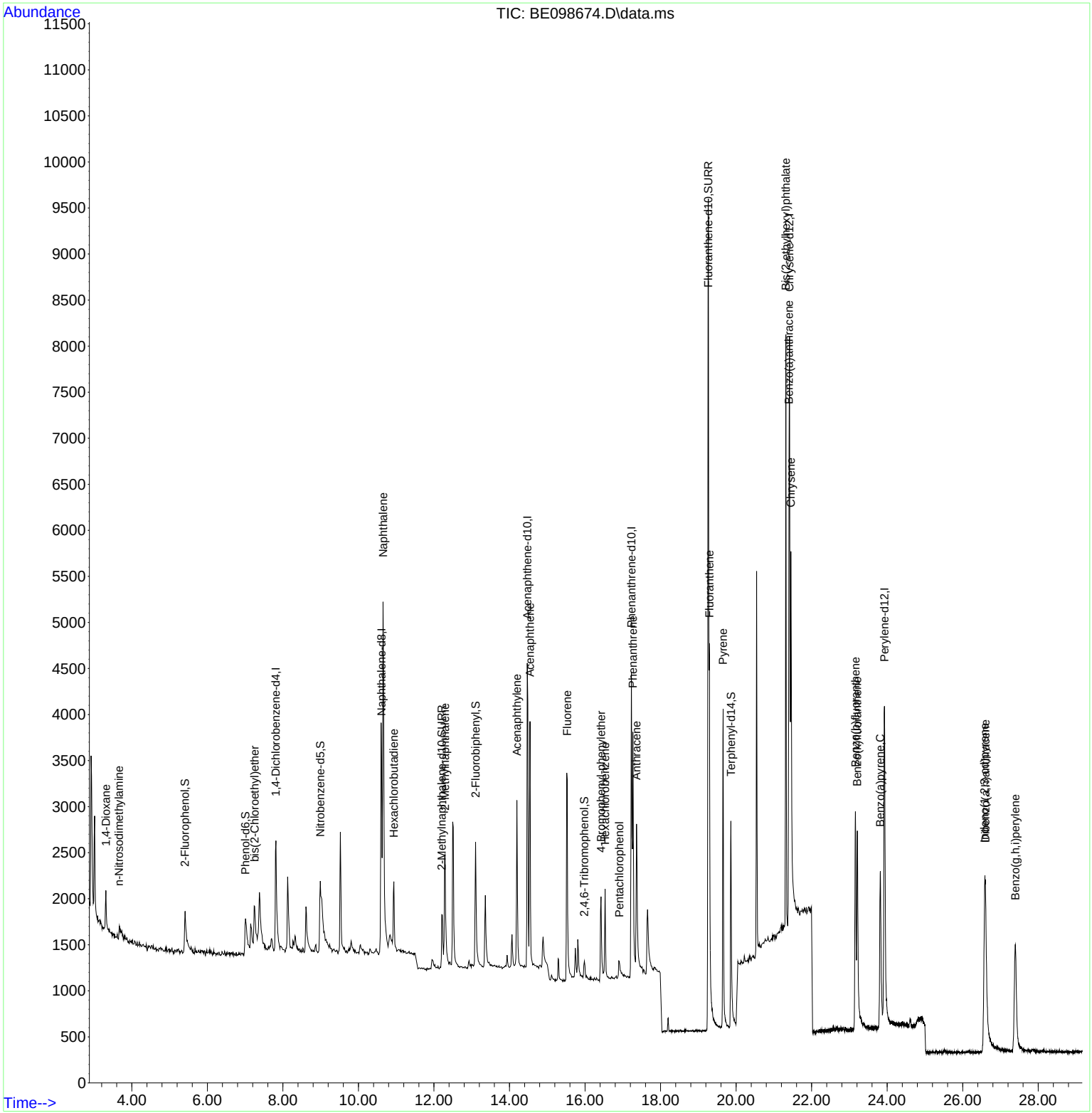
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

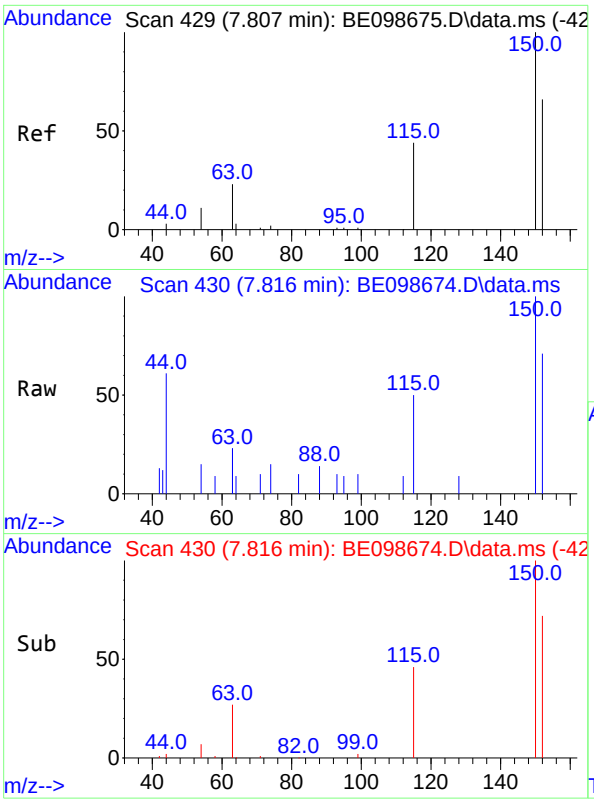
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE012419\
Data File : BE098674.D
Acq On : 24 Jan 2019 10:57
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 24 12:40:44 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 12:37:26 2019
Response via : Initial Calibration



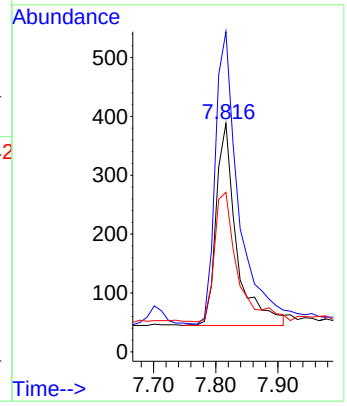
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

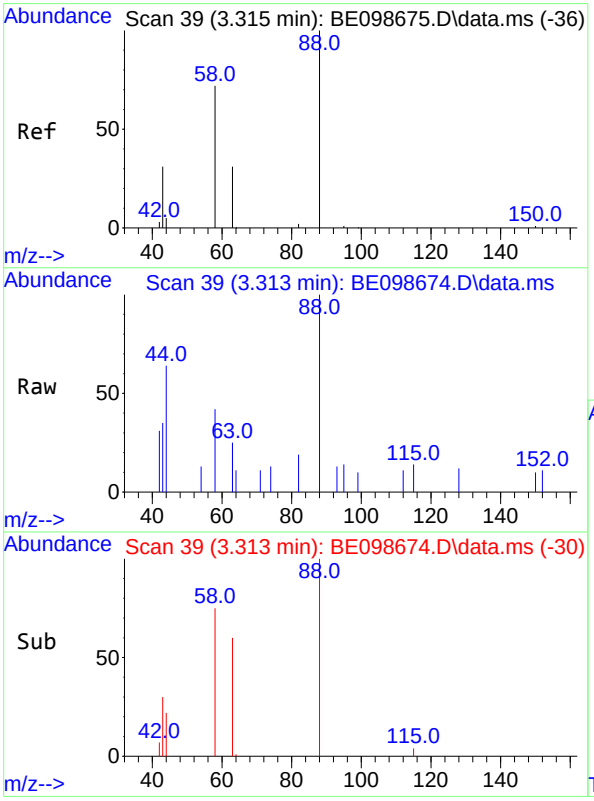


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.816 min Scan# 430
Delta R.T. 0.009 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:152 Resp: 783

Ion	Ratio	Lower	Upper
152	100		
150	140.2	121.4	182.2
115	69.8	59.1	88.7

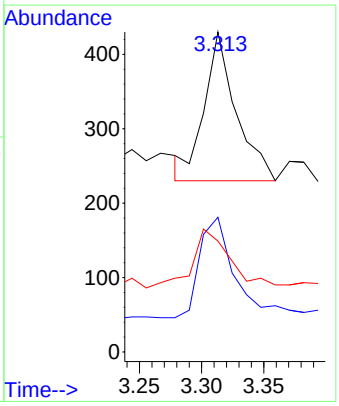




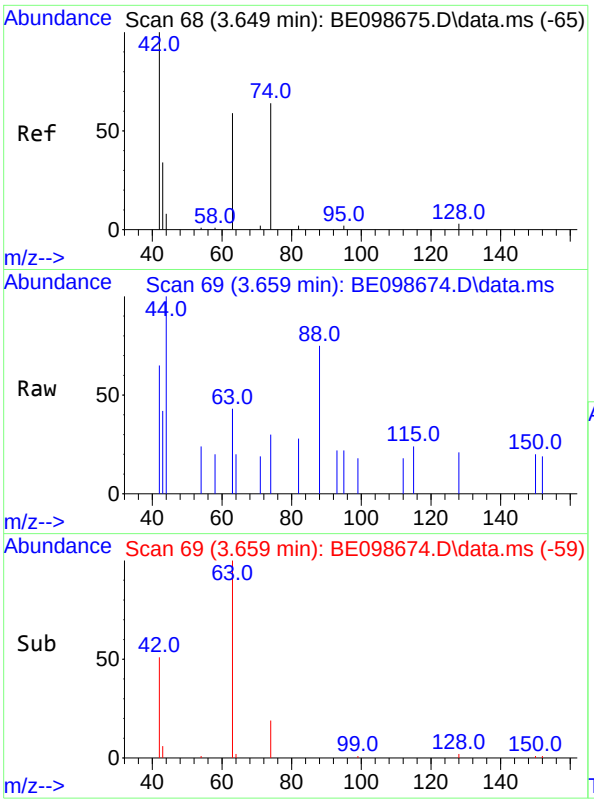
#2
1,4-Dioxane
Concen: 0.23 ng
RT: 3.313 min Scan# 39
Delta R.T. -0.002 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion: 88 Resp: 352

Ion	Ratio	Lower	Upper
88	100		
58	76.1	73.9	110.9
43	47.2	43.7	65.5



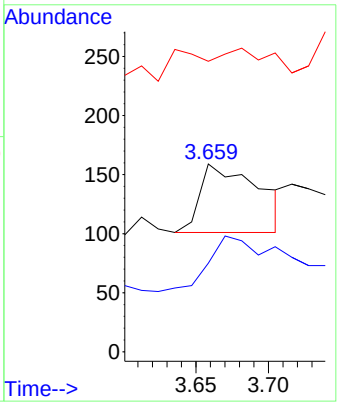
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

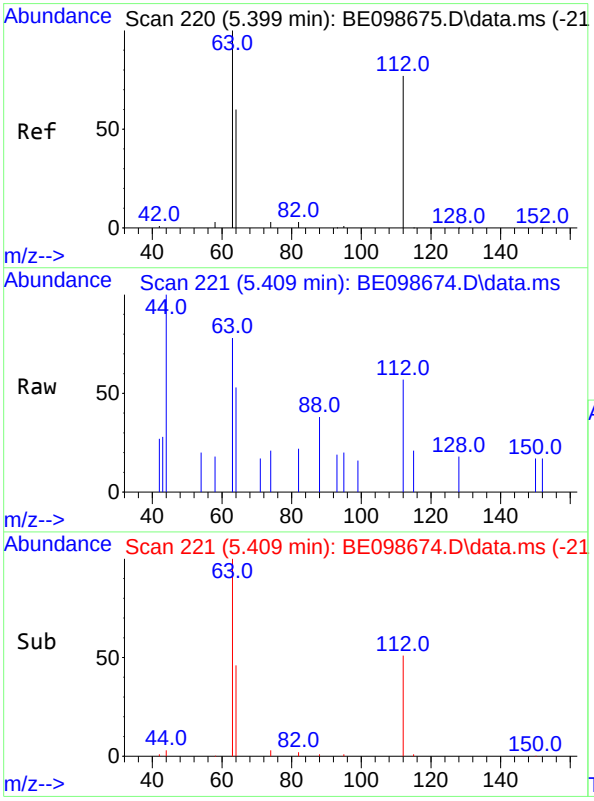


#3
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 3.659 min Scan# 69
Delta R.T. 0.010 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion: 42 Resp: 163

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

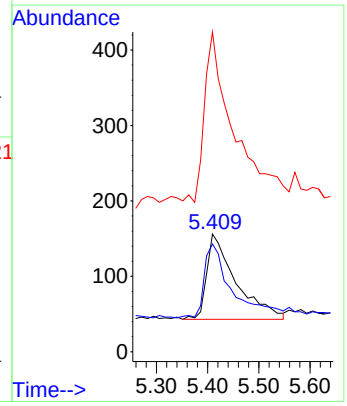




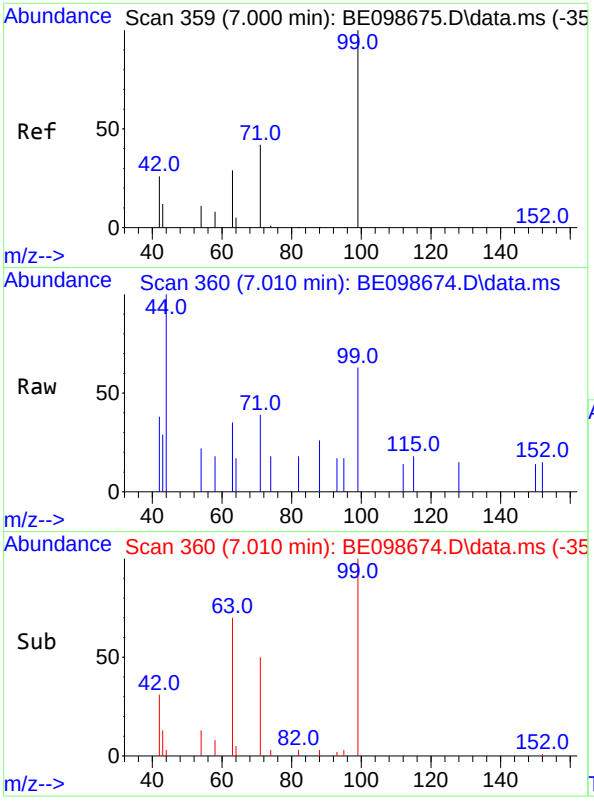
#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.409 min Scan# 221
Delta R.T. 0.010 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:112 Resp: 448

Ion	Ratio	Lower	Upper
112	100		
64	87.5	62.9	94.3
63	198.0	152.2	228.4



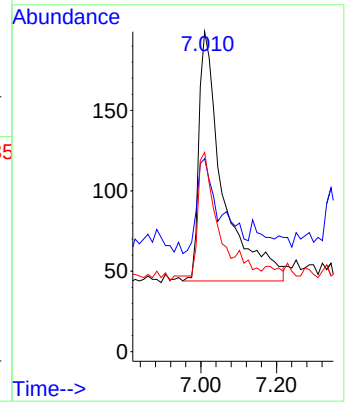
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

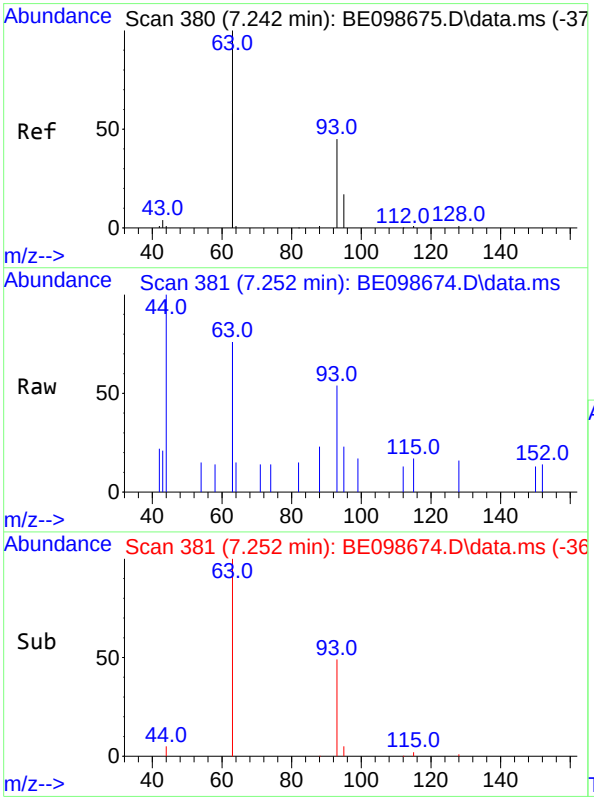


#5
Phenol-d6
Concen: 0.23 ng
RT: 7.010 min Scan# 360
Delta R.T. 0.010 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion: 99 Resp: 676

Ion	Ratio	Lower	Upper
99	100		
42	38.3	24.6	37.0#
71	41.4	35.1	52.7

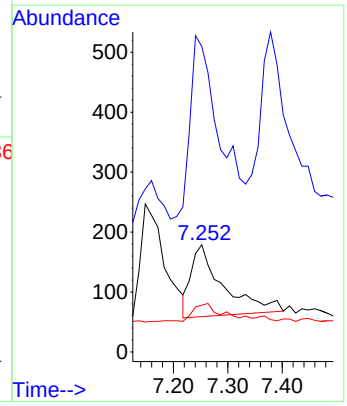




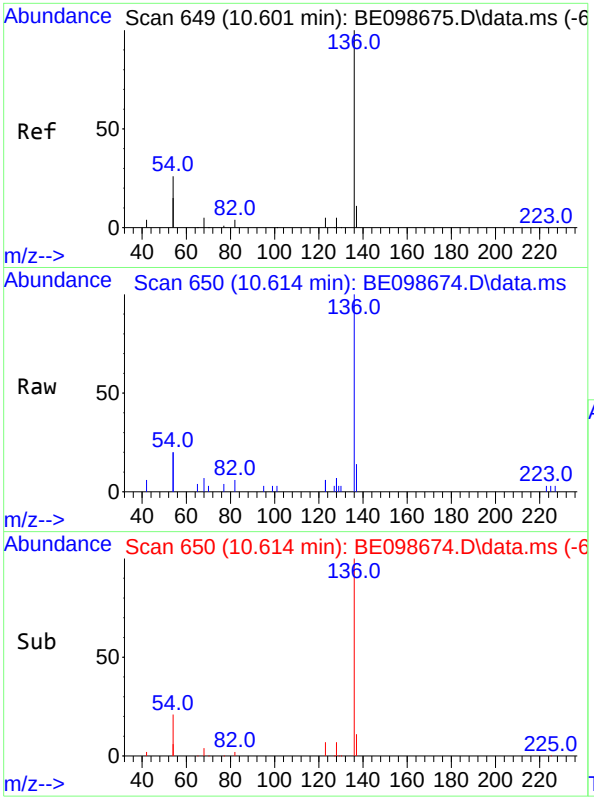
#6
bis(2-Chloroethyl)ether
Concen: 0.22 ng
RT: 7.252 min Scan# 381
Delta R.T. 0.010 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion: 93 Resp: 492

Ion	Ratio	Lower	Upper
93	100		
63	0.0	267.3	400.9#
95	25.4	26.2	39.4#



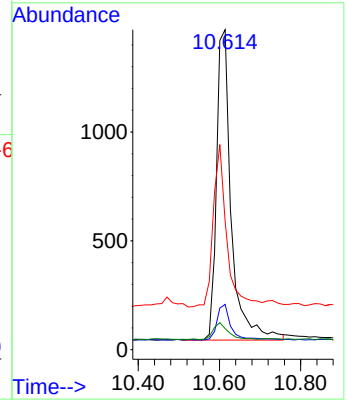
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

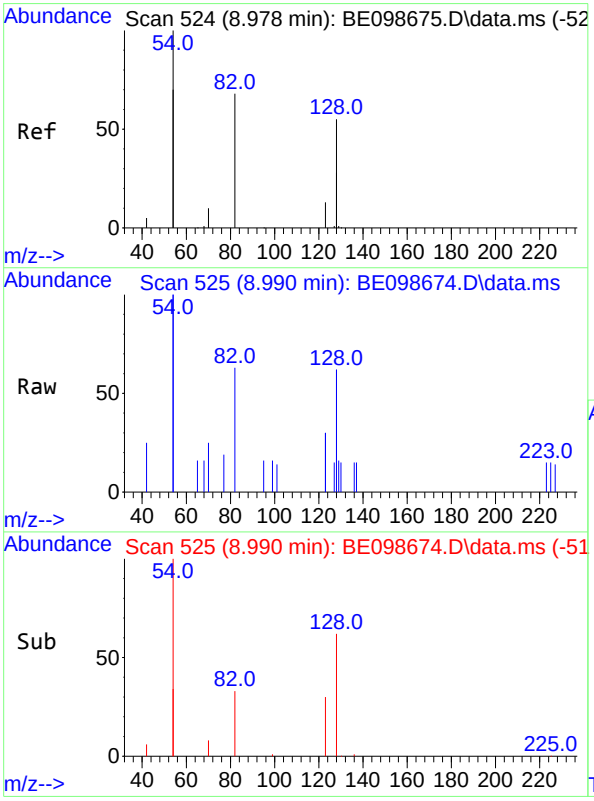


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. 0.012 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:136 Resp: 3592

Ion	Ratio	Lower	Upper
136	100		
137	14.1	9.7	14.5
54	40.1	35.5	53.3
68	6.6	5.0	7.6

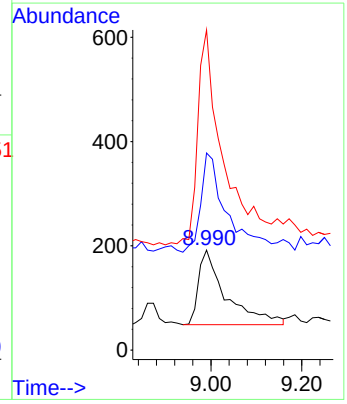




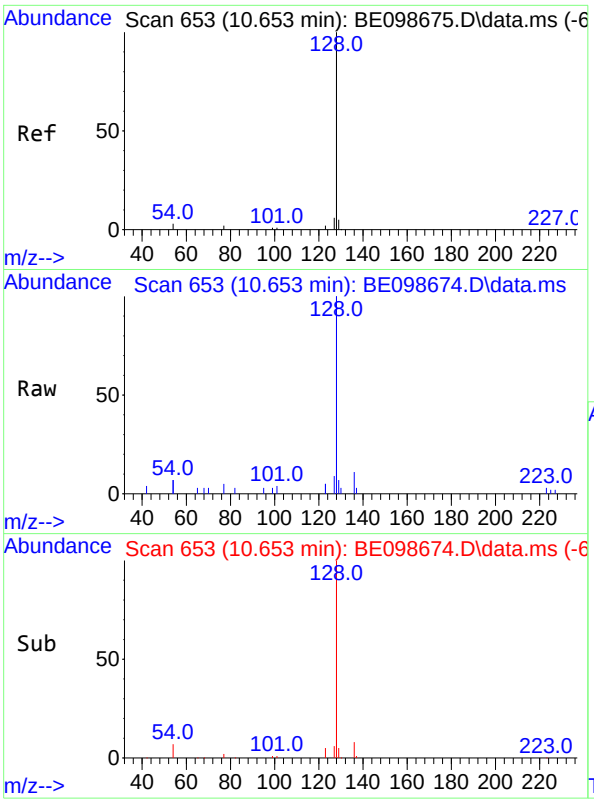
#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 8.990 min Scan# 525
Delta R.T. 0.012 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion: 82 Resp: 604

Ion	Ratio	Lower	Upper
82	100		
128	196.9	96.5	144.7#
54	319.8	224.7	337.1



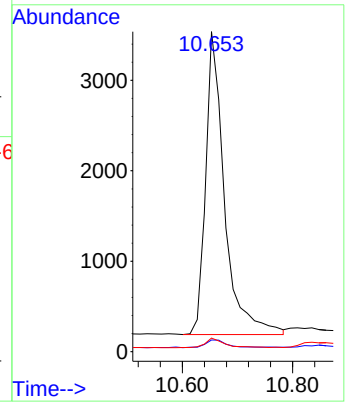
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

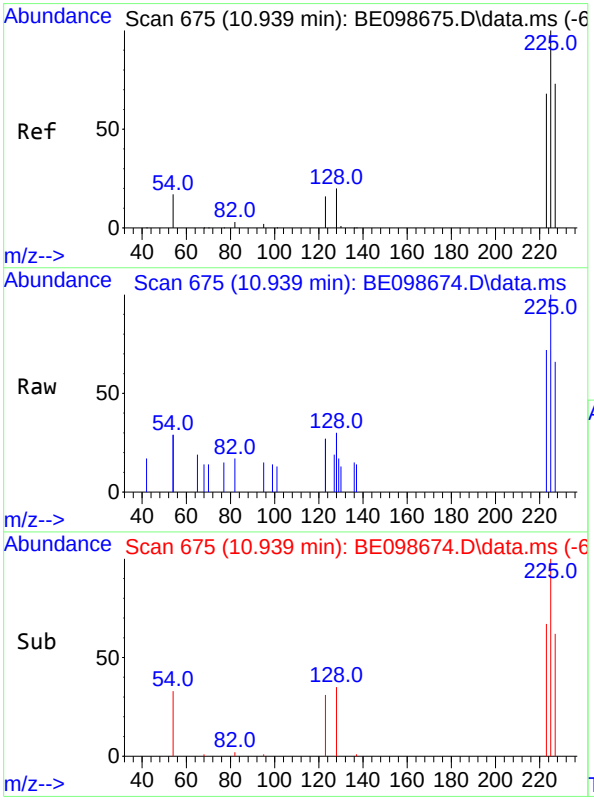


#9
Naphthalene
Concen: 0.22 ng
RT: 10.653 min Scan# 653
Delta R.T. -0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:128 Resp: 7929

Ion	Ratio	Lower	Upper
128	100		
129	3.7	2.6	3.8
127	4.3	3.0	4.6

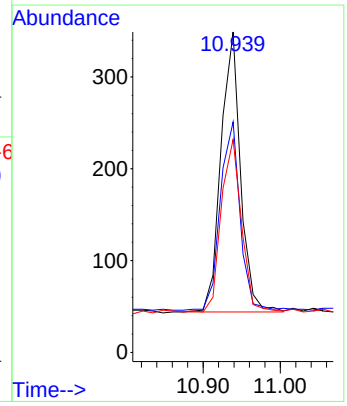




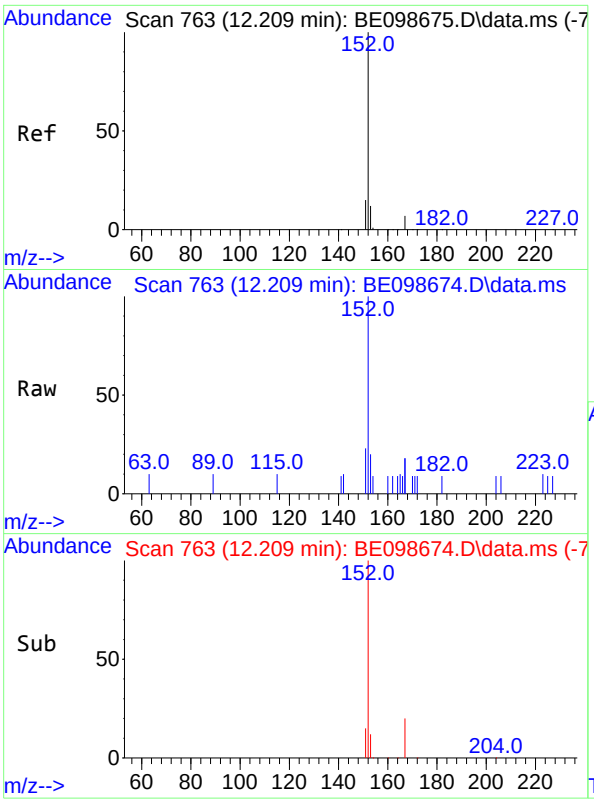
#10
Hexachlorobutadiene
Concen: 0.21 ng
RT: 10.939 min Scan# 675
Delta R.T. -0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:225 Resp: 538

Ion	Ratio	Lower	Upper
225	100		
223	67.3	47.8	71.8
227	63.2	50.5	75.7



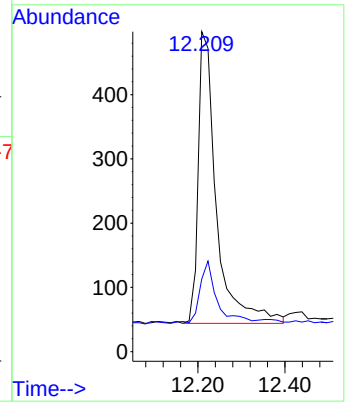
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

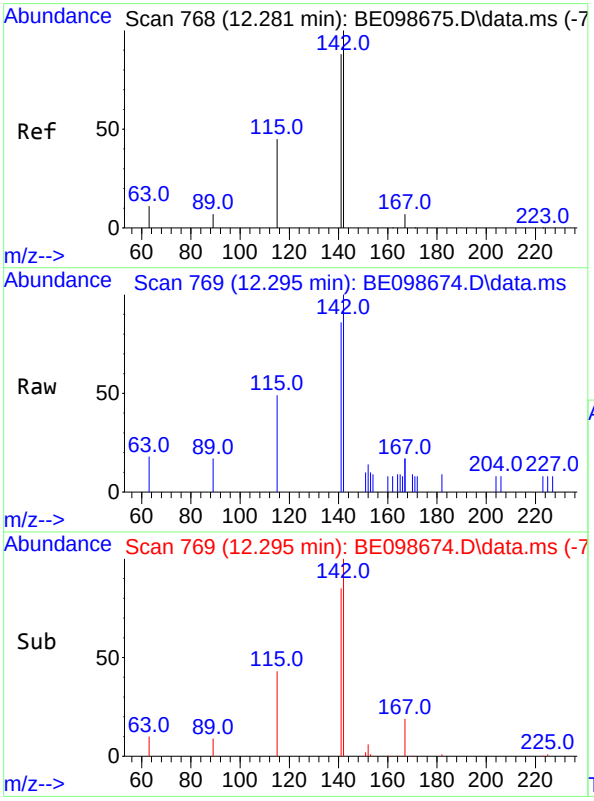


#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.209 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:152 Resp: 1324

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.2	24.4

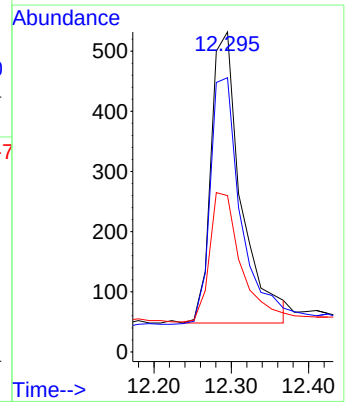


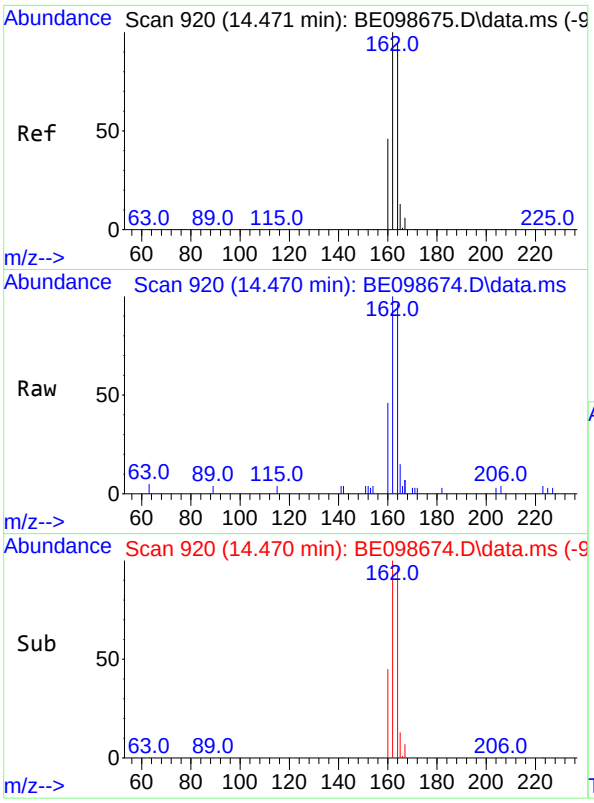


#12
2-Methylnaphthalene
Concen: 0.22 ng
RT: 12.295 min Scan# 769
Delta R.T. 0.014 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:142 Resp: 1312

Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.0	105.0
115	48.9	35.2	52.8

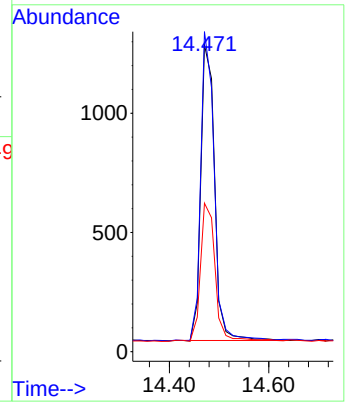




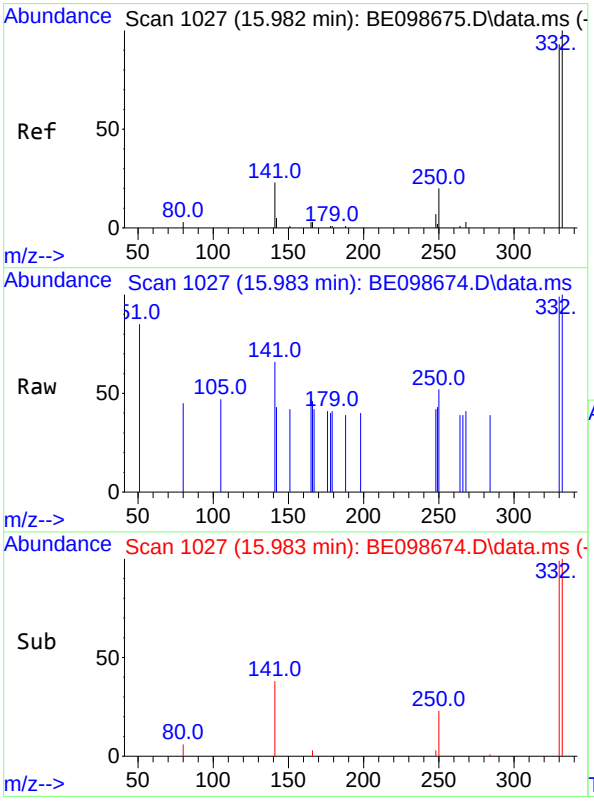
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.470 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:164 Resp: 2395

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.5	120.7
160	48.4	40.1	60.1



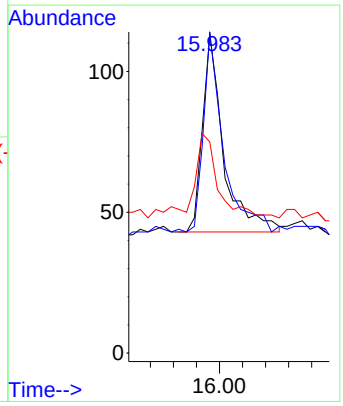
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2



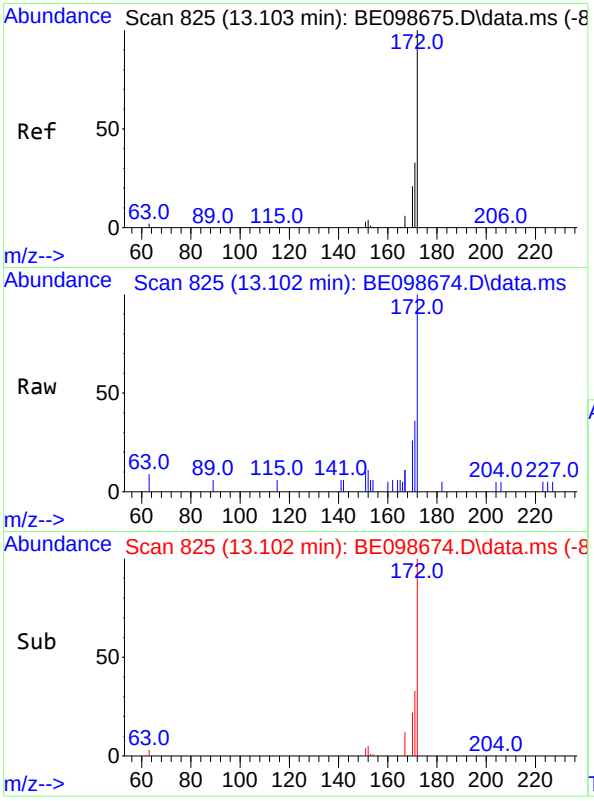
#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:330 Resp: 178

Ion	Ratio	Lower	Upper
330	100		
332	97.8	73.3	109.9
141	39.3	33.1	49.7



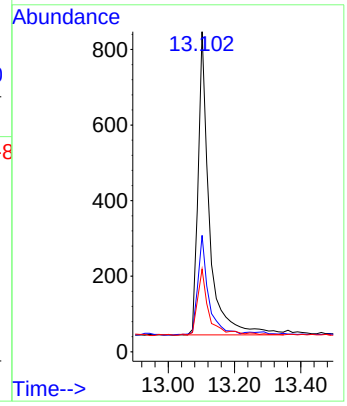
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

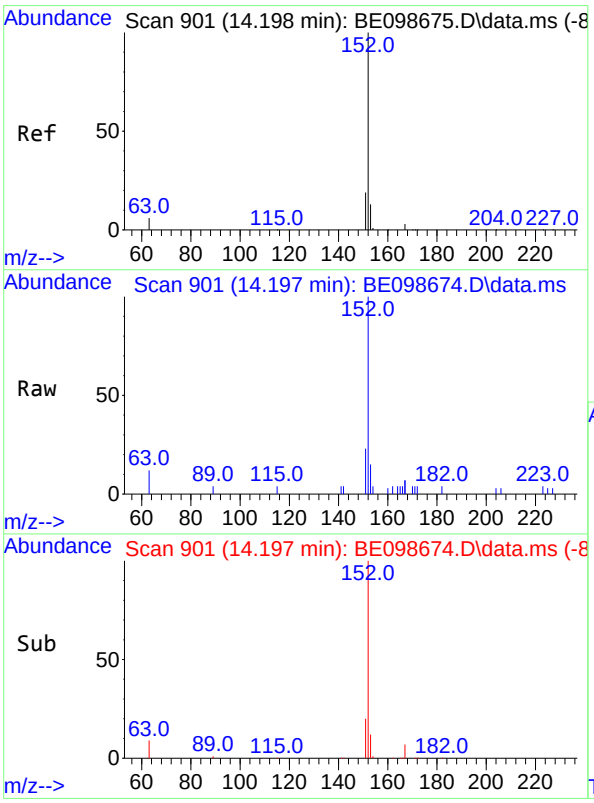


#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 13.102 min Scan# 825
Delta R.T. -0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:172 Resp: 1892

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	25.9	20.8	31.2

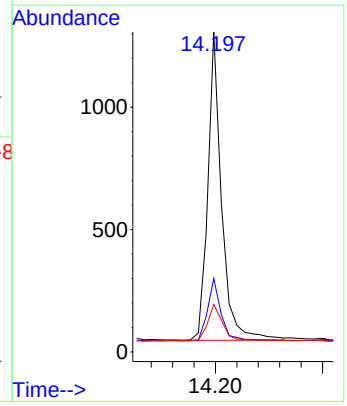




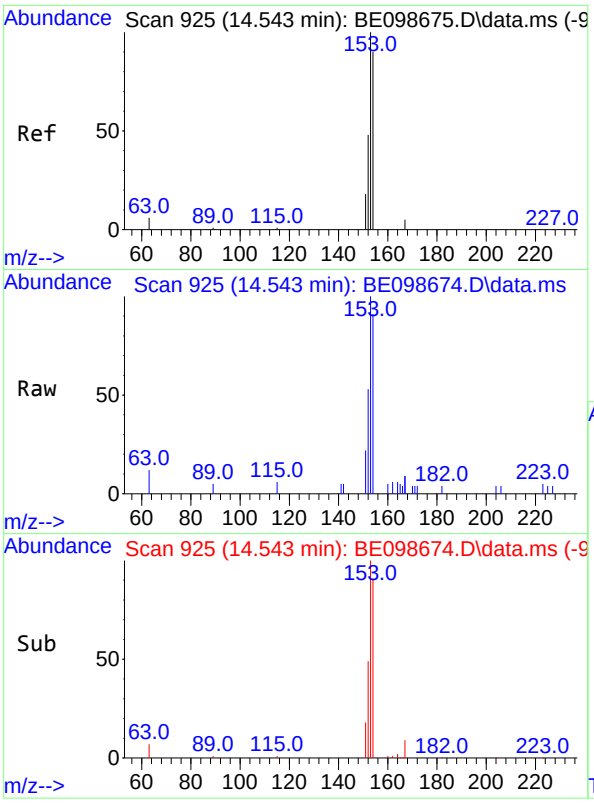
#16
Acenaphthylene
Concen: 0.22 ng
RT: 14.197 min Scan# 901
Delta R.T. -0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:152 Resp: 2252

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



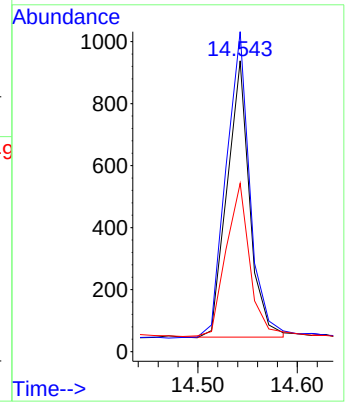
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

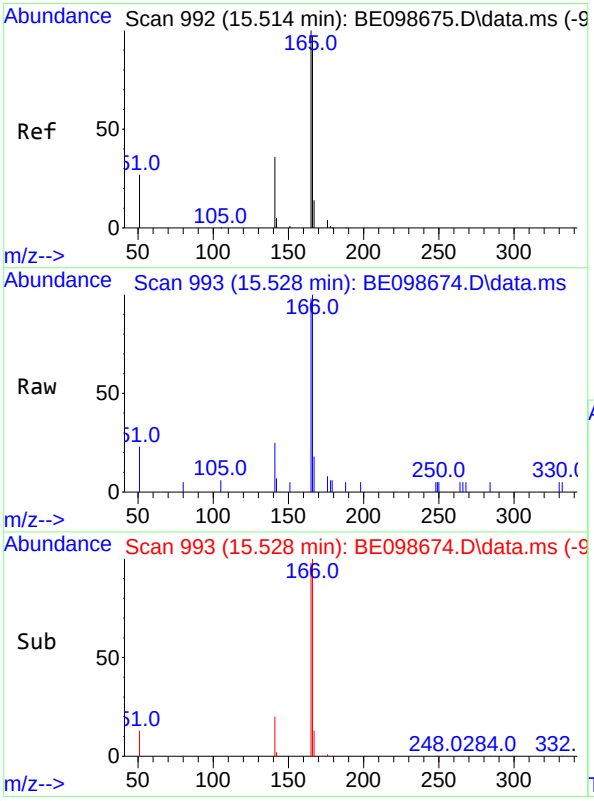


#17
Acenaphthene
Concen: 0.22 ng
RT: 14.543 min Scan# 925
Delta R.T. -0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:154 Resp: 1401

Ion	Ratio	Lower	Upper
154	100		
153	117.5	93.9	140.9
152	58.4	45.8	68.8

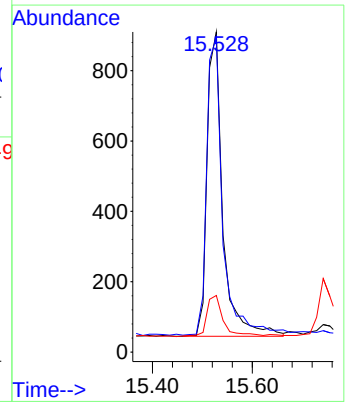




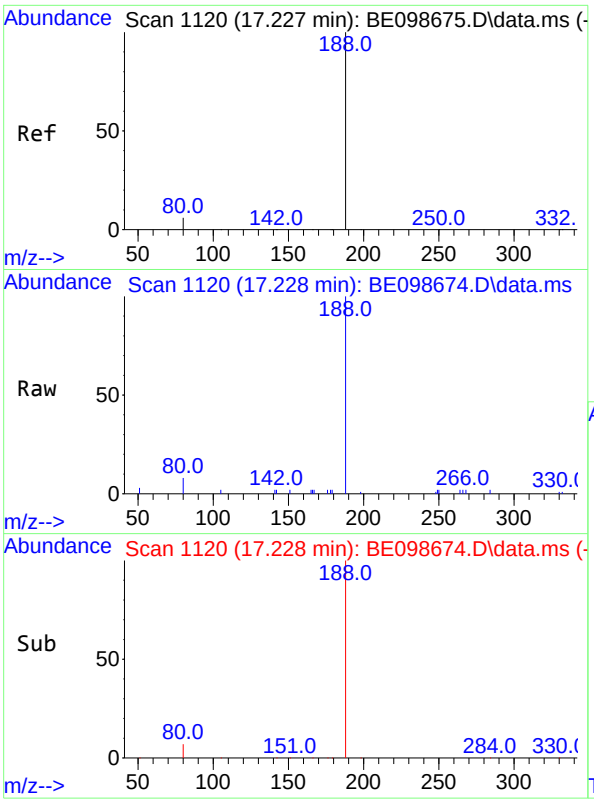
#18
Fluorene
Concen: 0.22 ng
RT: 15.528 min Scan# 993
Delta R.T. 0.014 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:166 Resp: 1883

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.3	118.9
167	14.4	10.6	15.8



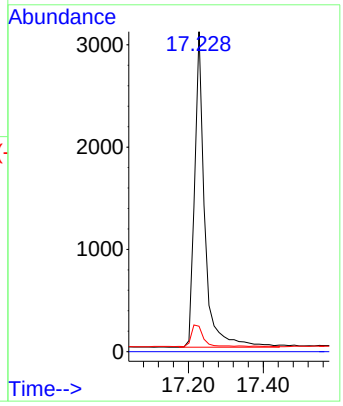
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

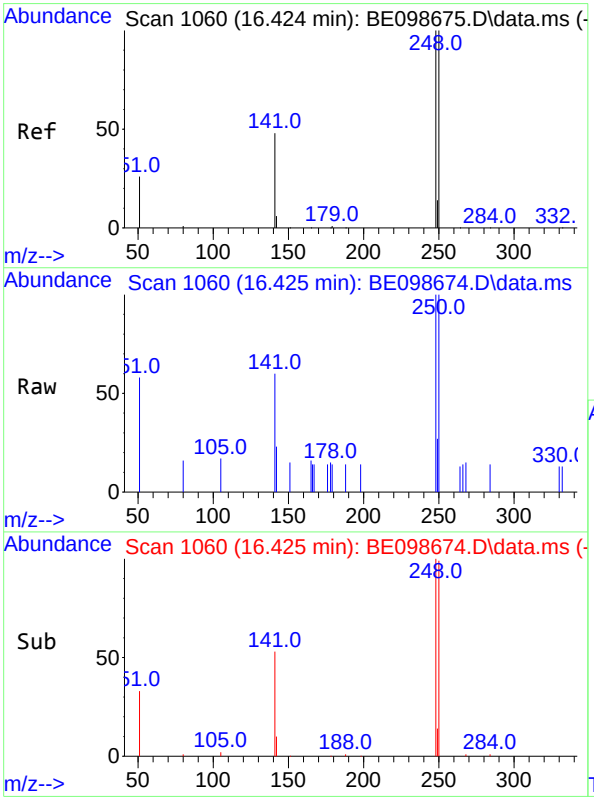


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:188 Resp: 5789

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	4.7	7.1#

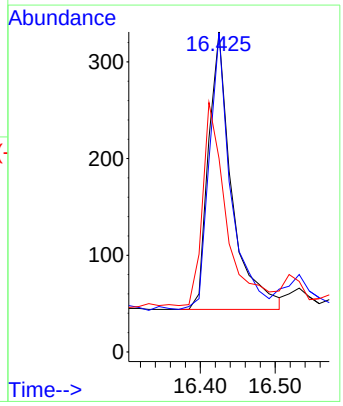




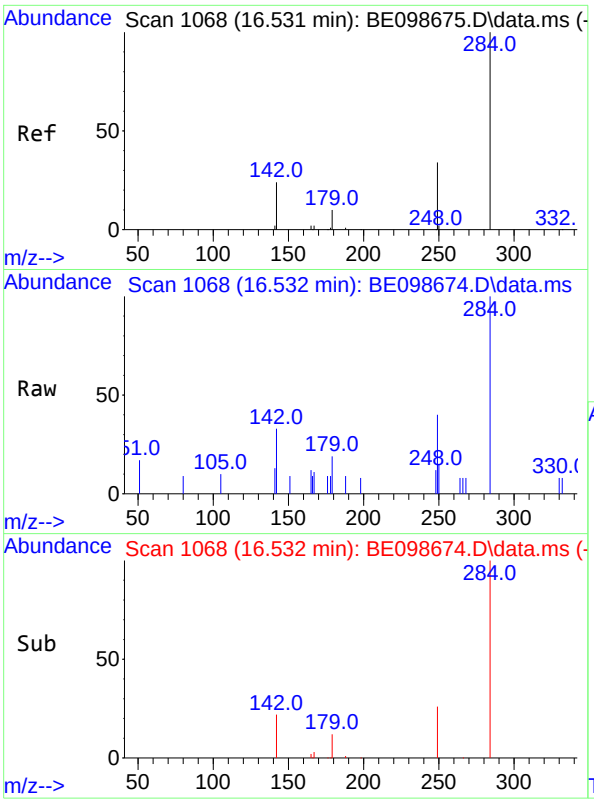
#20
4-Bromophenyl-phenylether
Concen: 0.20 ng
RT: 16.425 min Scan# 1060
Delta R.T. 0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:248 Resp: 619

Ion	Ratio	Lower	Upper
248	100		
250	99.7	80.2	120.4
141	60.4	60.5	90.7#



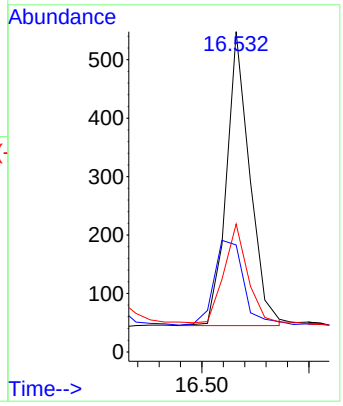
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

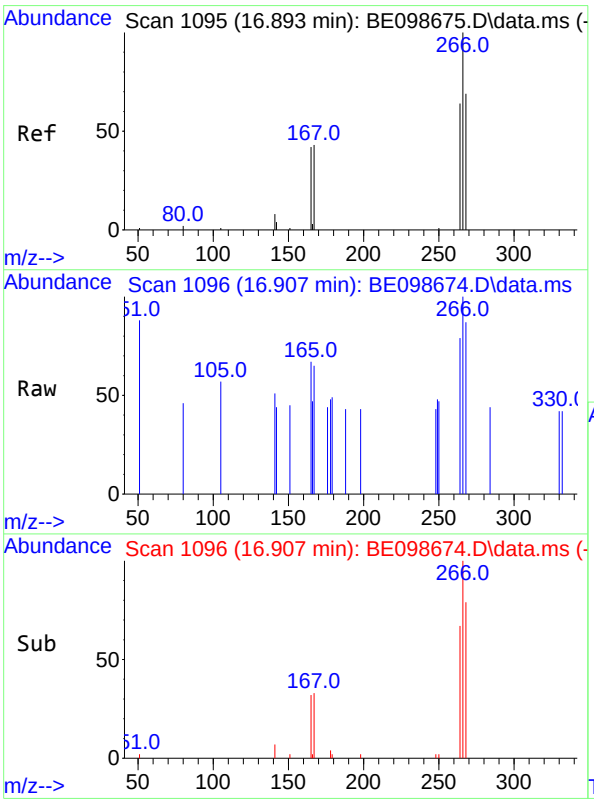


#21
Hexachlorobenzene
Concen: 0.21 ng
RT: 16.532 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:284 Resp: 761

Ion	Ratio	Lower	Upper
284	100		
142	36.5	25.5	38.3
249	33.5	26.6	39.8

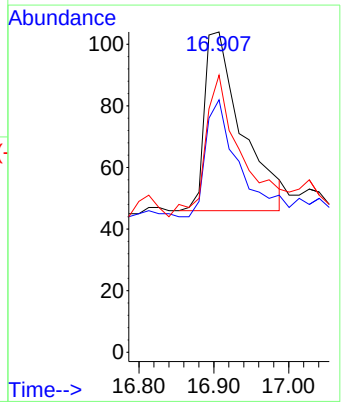




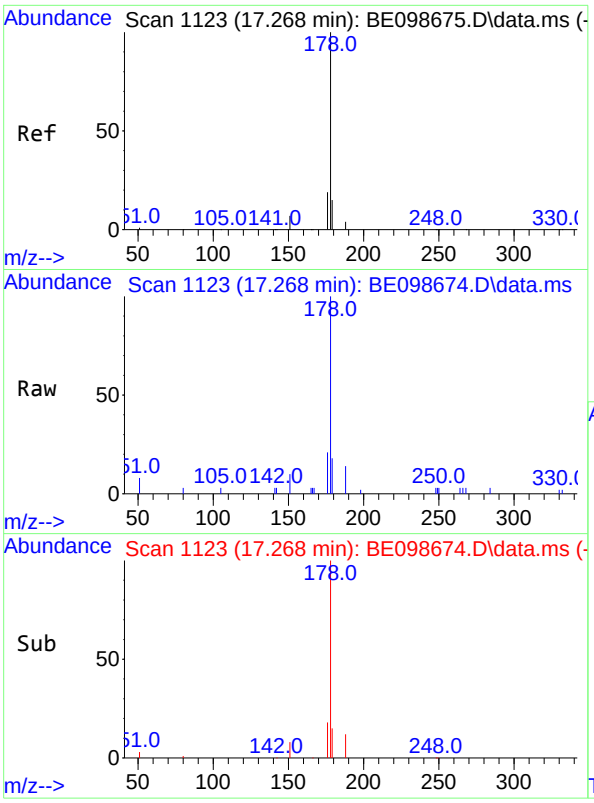
#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.907 min Scan# 1096
Delta R.T. 0.014 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:266 Resp: 201

Ion	Ratio	Lower	Upper
266	100		
264	78.8	53.7	80.5
268	86.5	59.8	89.8



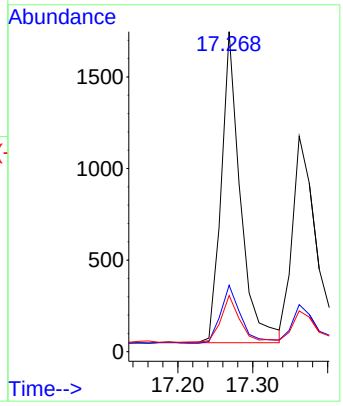
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

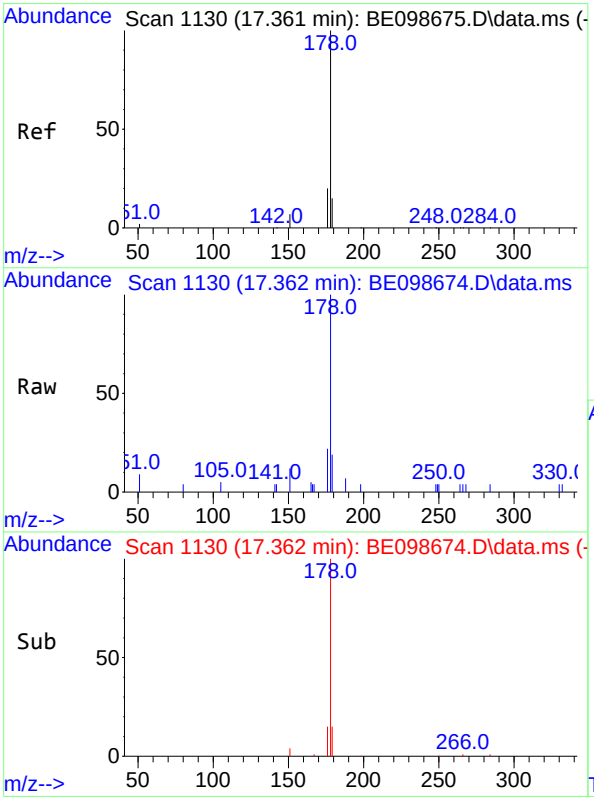


#23
Phenanthrene
Concen: 0.22 ng
RT: 17.268 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:178 Resp: 3021

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	14.5	12.2	18.4

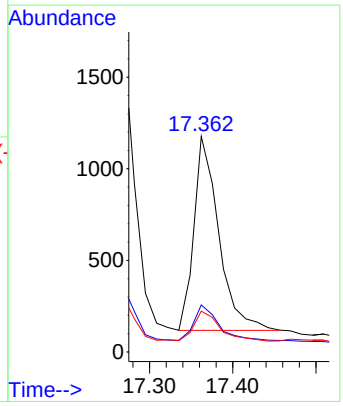




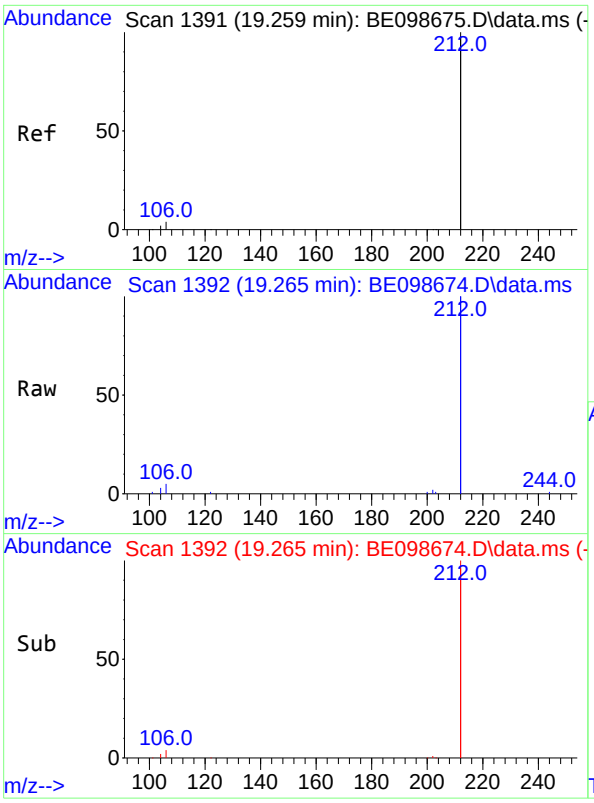
#24
Anthracene
Concen: 0.19 ng
RT: 17.362 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:178 Resp: 2205

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.9	22.3
179	15.8	11.8	17.8



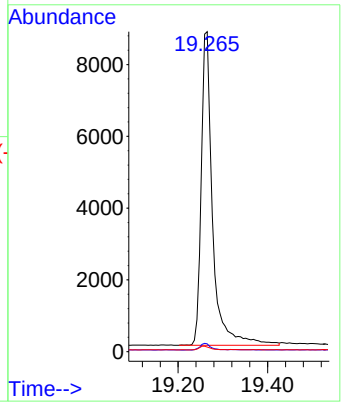
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

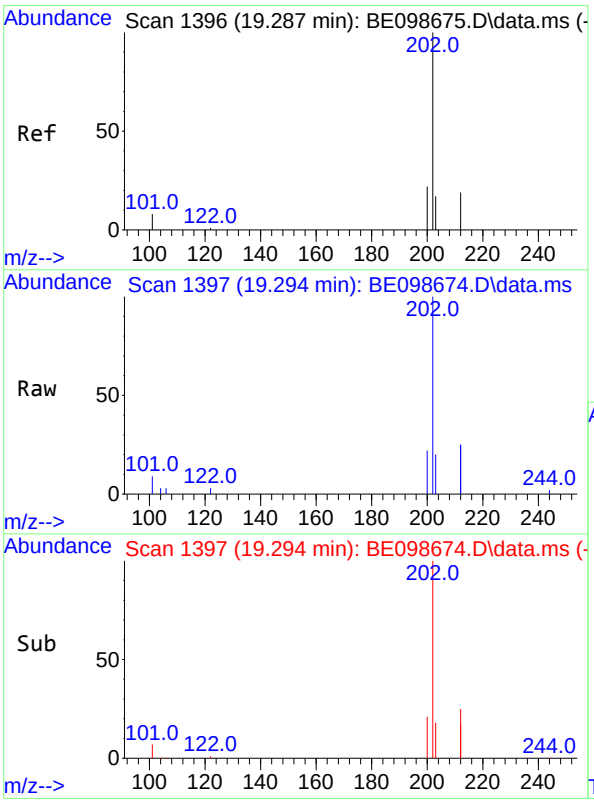


#25
Fluoranthene-d10
Concen: 0.22 ng
RT: 19.265 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:212 Resp: 15502

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.7	2.5
104	1.1	1.0	1.6

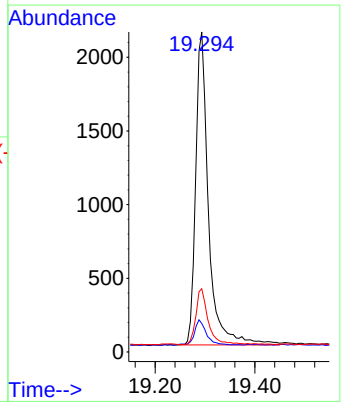




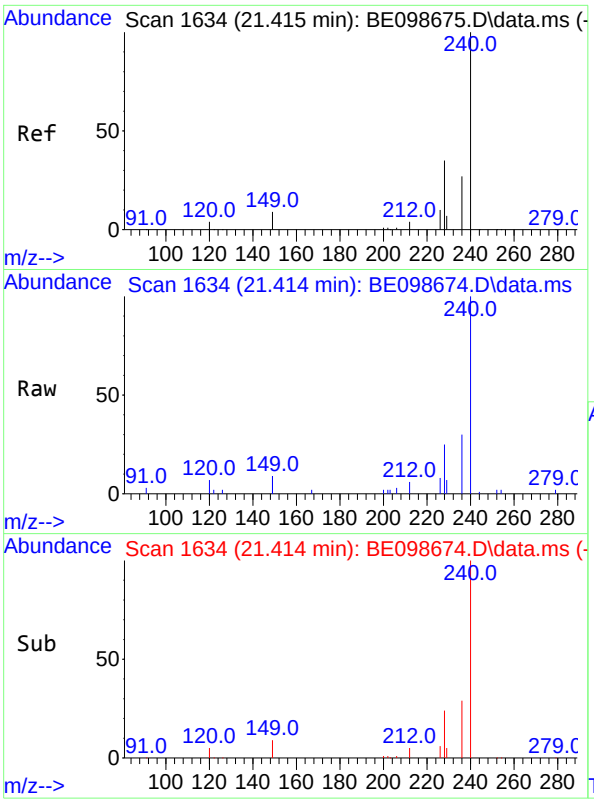
#26
Fluoranthene
Concen: 0.22 ng
RT: 19.294 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:202 Resp: 3817

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.7	10.1
203	17.2	13.3	19.9



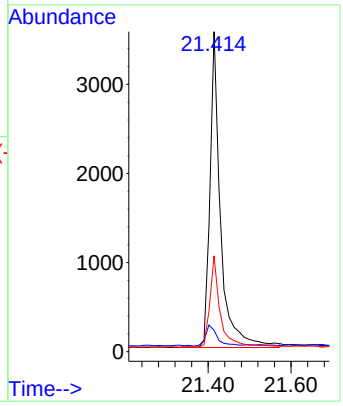
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

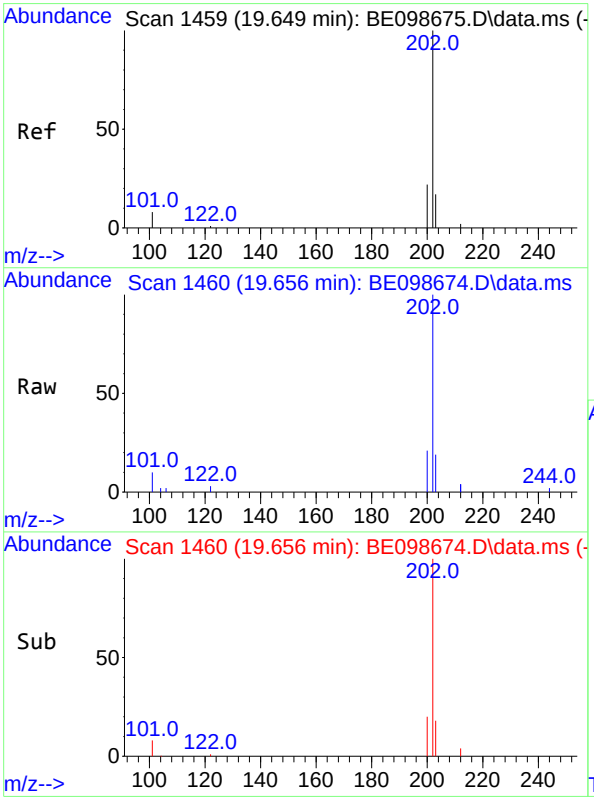


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1634
Delta R.T. -0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:240 Resp: 6298

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.7	7.1
236	30.0	21.9	32.9

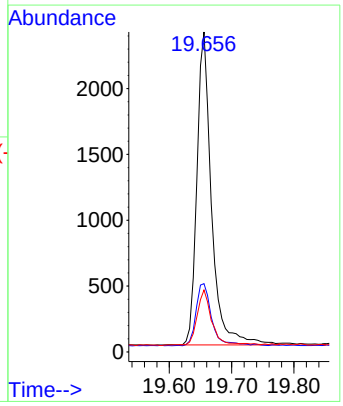




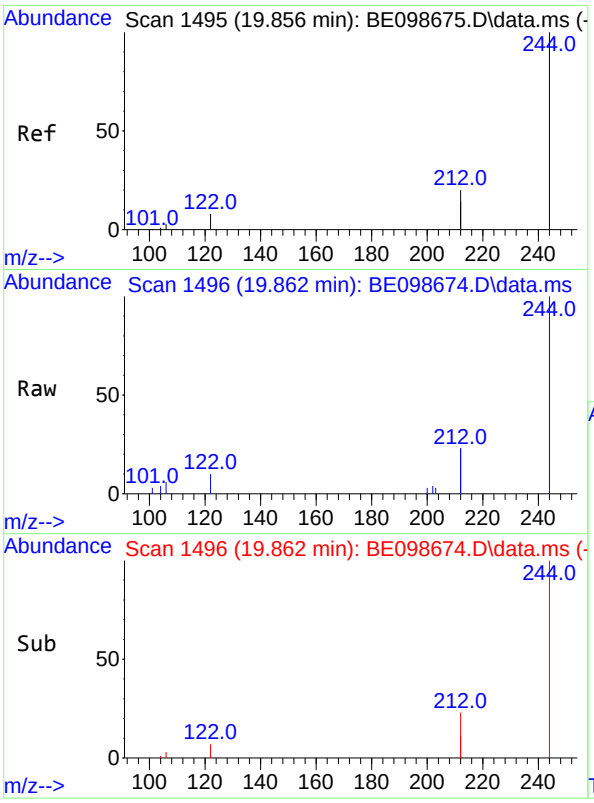
#28
Pyrene
Concen: 0.22 ng
RT: 19.656 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:202 Resp: 3875

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	18.3	13.8	20.8



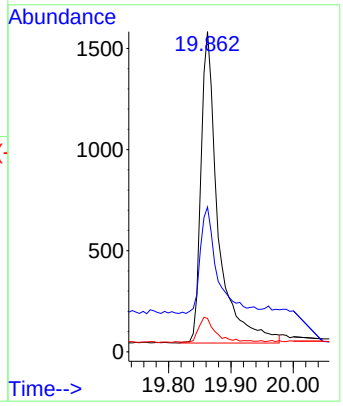
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

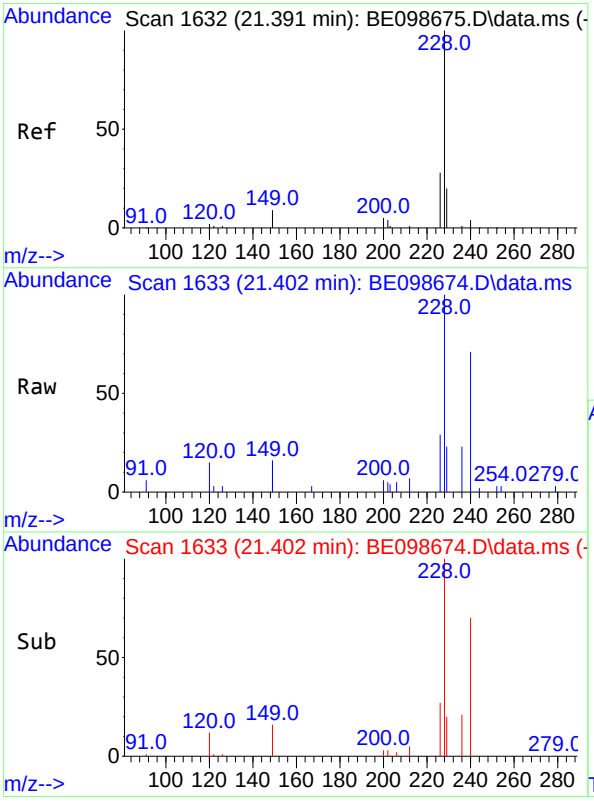


#29
Terphenyl-d14
Concen: 0.21 ng
RT: 19.862 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:244 Resp: 2970

Ion	Ratio	Lower	Upper
244	100		
212	45.2	29.4	44.2#
122	10.4	7.1	10.7

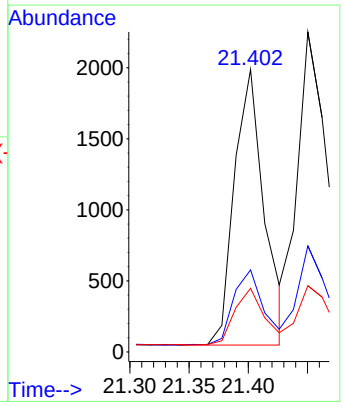




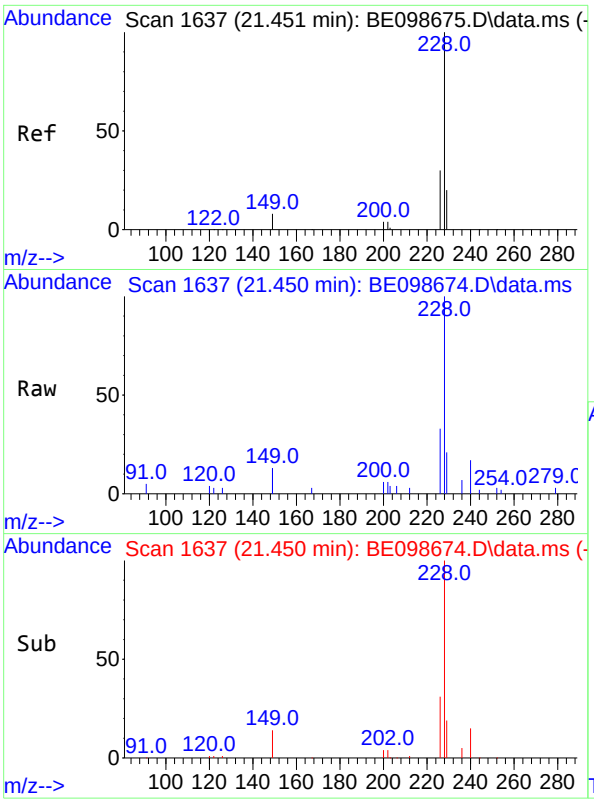
#30
Benzo(a)anthracene
Concen: 0.20 ng
RT: 21.402 min Scan# 1633
Delta R.T. 0.011 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:228 Resp: 3412

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	22.5	15.0	22.6



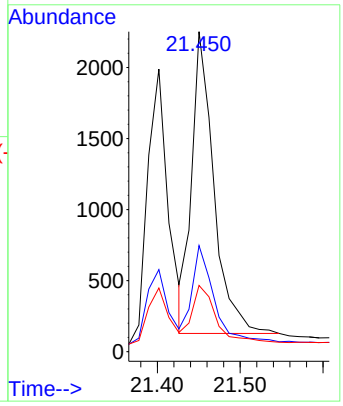
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

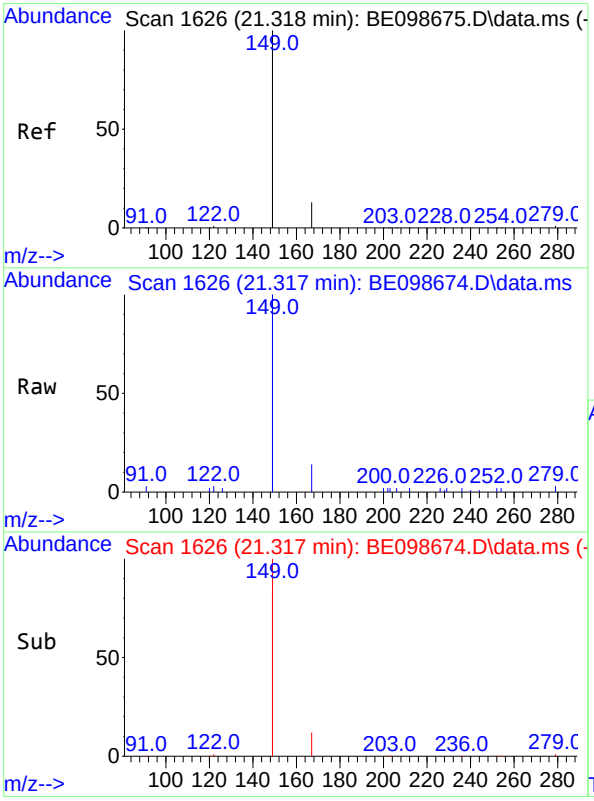


#31
Chrysene
Concen: 0.22 ng
RT: 21.450 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:228 Resp: 3929

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.6	36.8
229	20.7	16.4	24.6

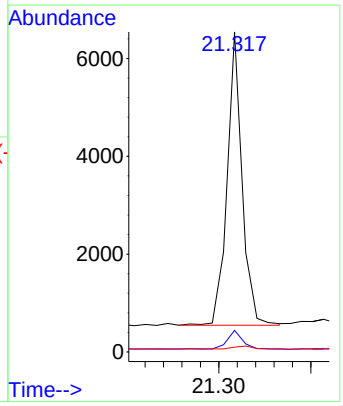




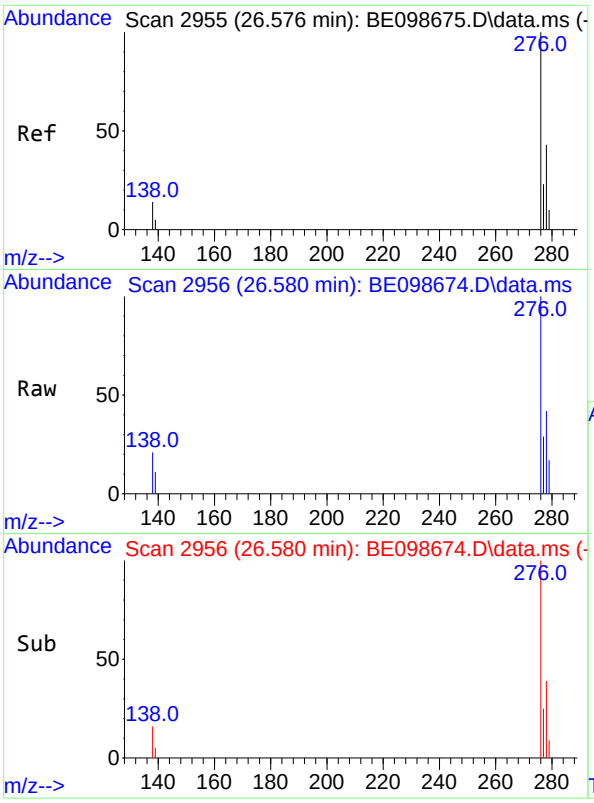
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.317 min Scan# 1626
Delta R.T. -0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:149 Resp: 6745

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.2
279	1.6	1.0	1.4#



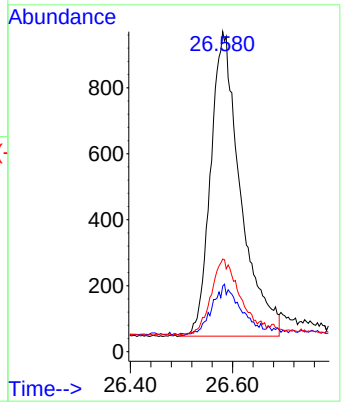
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

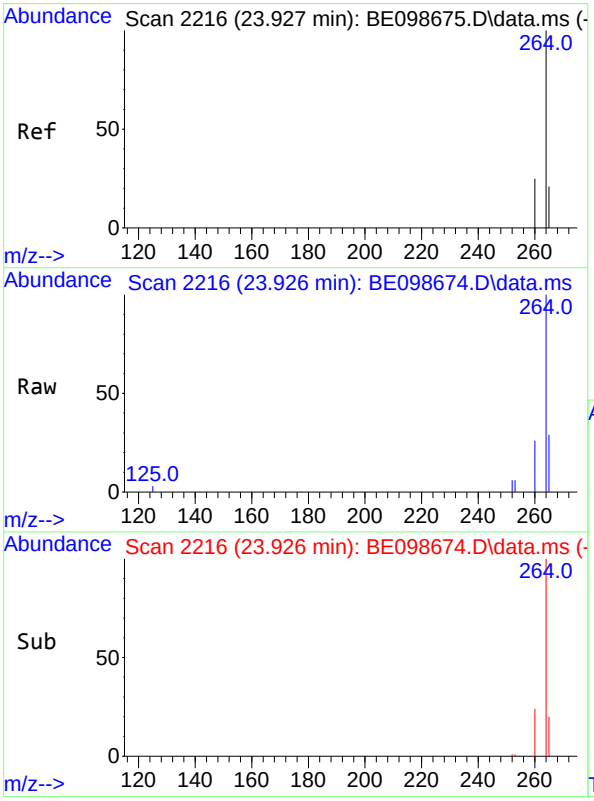


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng
RT: 26.580 min Scan# 2956
Delta R.T. 0.004 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:276 Resp: 3740

Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.3	19.9
277	23.9	19.4	29.0

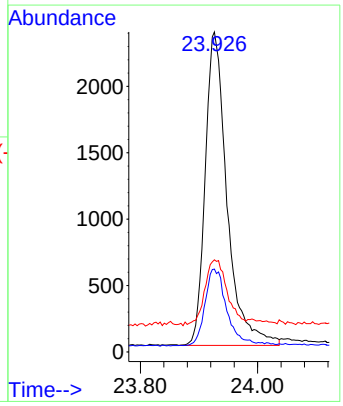




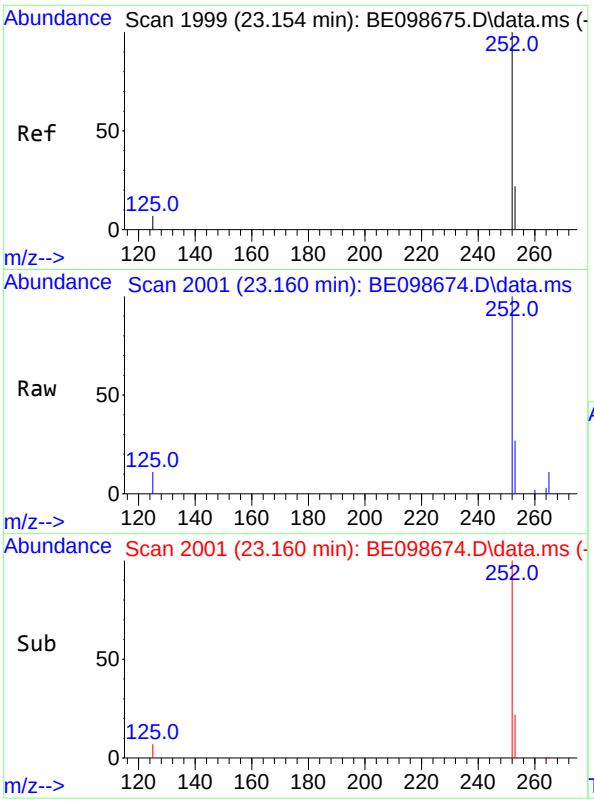
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.926 min Scan# 2216
Delta R.T. -0.001 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:264 Resp: 6114

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	28.8	22.3	33.5



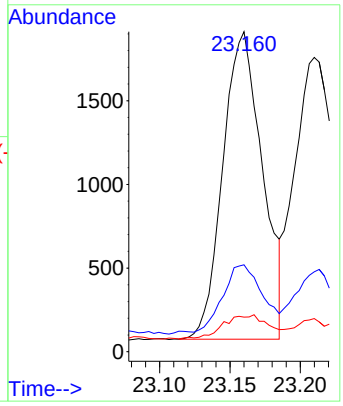
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

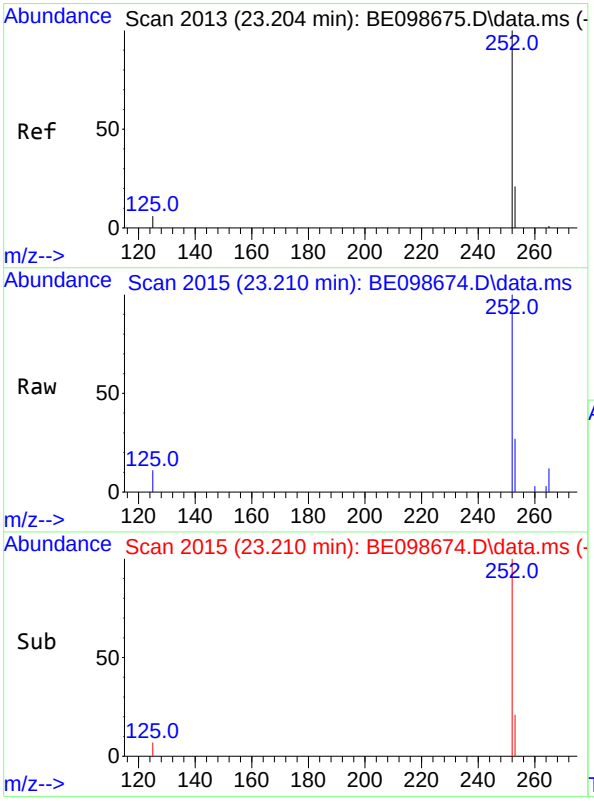


#35
Benzo(b)fluoranthene
Concen: 0.22 ng
RT: 23.160 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:252 Resp: 3596

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.4	29.0
125	10.8	8.2	12.4

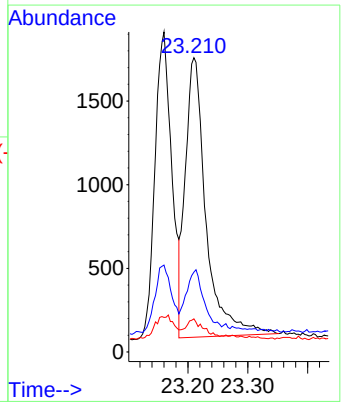




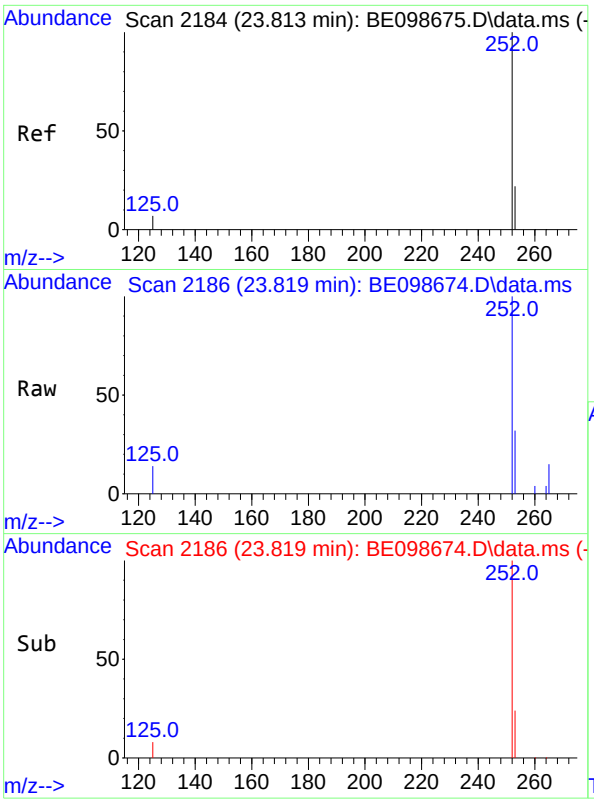
#36
Benzo(k)fluoranthene
Concen: 0.22 ng
RT: 23.210 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:252 Resp: 4020

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.0	28.4
125	11.3	7.0	10.4#



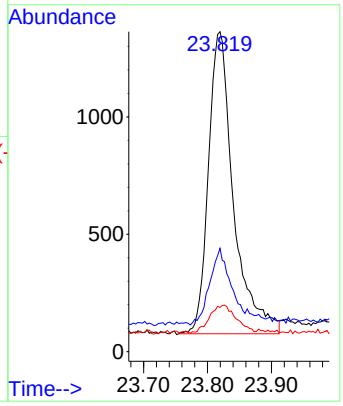
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

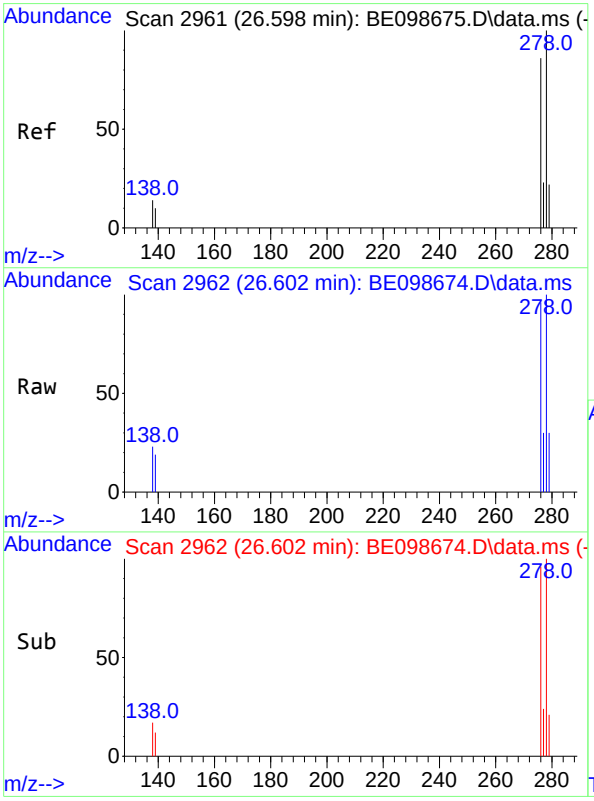


#37
Benzo(a)pyrene
Concen: 0.21 ng
RT: 23.819 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:252 Resp: 3511

Ion	Ratio	Lower	Upper
252	100		
253	32.3	21.0	31.4#
125	13.9	9.2	13.8#

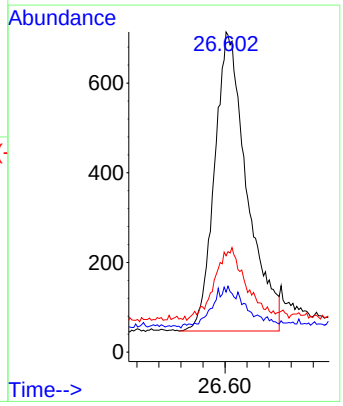


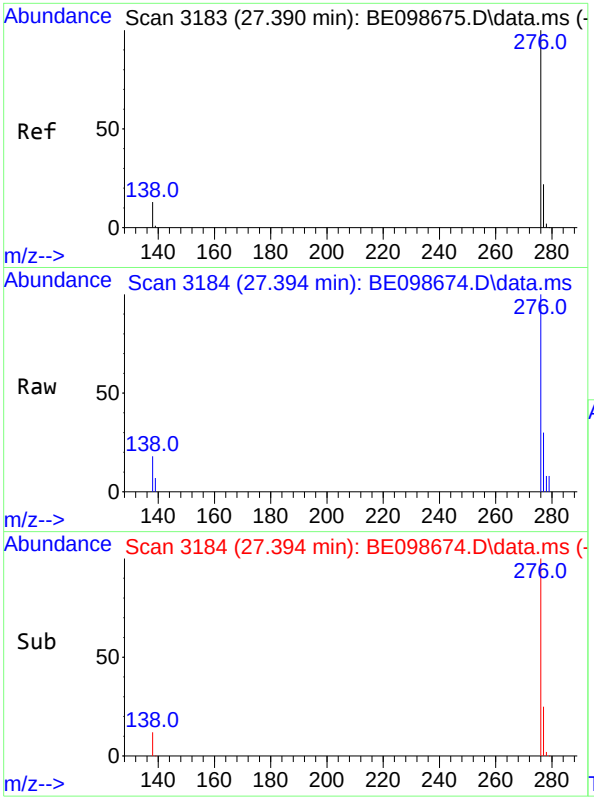


#38
Dibenzo(a,h)anthracene
Concen: 0.19 ng
RT: 26.602 min Scan# 2962
Delta R.T. 0.004 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:278 Resp: 2720

Ion	Ratio	Lower	Upper
278	100		
139	18.8	12.7	19.1
279	30.1	22.0	33.0

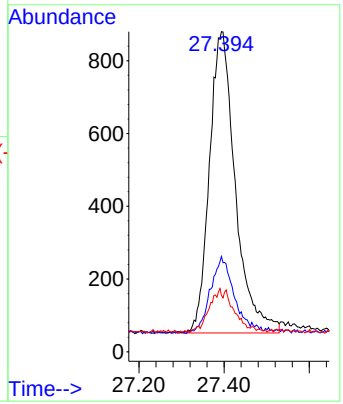




#39
Benzo(g,h,i)perylene
Concen: 0.22 ng
RT: 27.394 min Scan# 3184
Delta R.T. 0.004 min
Lab File: BE098674.D
Acq: 24 Jan 2019 10:57

Tgt Ion:276 Resp: 3501

Ion	Ratio	Lower	Upper
276	100		
277	29.8	20.3	30.5
138	17.6	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2