Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040621\
Data File : BE101218.D
Acq On : 6 Apr 2021 16:20
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE040621

Quant Time: Apr 06 17:56:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 17:42:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	2795	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	13260	0.40	ng	0.00
13) Acenaphthene-d10	14.457	164	9448	0.40	ng	0.01
19) Phenanthrene-d10	17.211	188	28394	0.40	ng	0.00
29) Chrysene-d12	21.365	240	31216	0.40	ng	# 0.01
36) Perylene-d12	23.837	264	22475	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	2799	0.43	ng	0.00
5) Phenol-d6	6.987	99	4161	0.40	ng	0.00
8) Nitrobenzene-d5	8.977	82	3856	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	12928	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	910	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	13852	0.41	ng	0.00
27) Fluoranthene-d10	19.221	212	214203	0.43	ng	0.00
31) Terphenyl-d14	19.819	244	36847	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	1862	0.44	ng	98
3) n-Nitrosodimethylamine	3.670	42	1842	0.41	ng	99
6) bis(2-Chloroethyl)ether	7.252	93	3983	0.42	ng	97
9) Naphthalene	10.666	128	58339	0.40	ng	100
10) Hexachlorobutadiene	10.965	225	2634	0.41	ng	99
12) 2-Methylnaphthalene	12.267	142	10736	0.41	ng	100
16) Acenaphthylene	14.169	152	13943	0.38	ng	99
17) Acenaphthene	14.514	154	10987	0.40	ng	99
18) Fluorene	15.503	166	15045	0.41	ng	99
20) 4,6-Dinitro-2-methylph...	15.579	198	998	0.38	ng	95
21) 4-Bromophenyl-phenylether	16.410	248	4832	0.34	ng	98
22) Hexachlorobenzene	16.516	284	5316	0.37	ng	99
23) Atrazine	16.667	200	3571	0.37	ng	98
24) Pentachlorophenol	16.864	266	1499	0.29	ng	98
25) Phenanthrene	17.242	178	33124	0.39	ng	100
26) Anthracene	17.332	178	26756	0.37	ng	99
28) Fluoranthene	19.250	202	47918	0.44	ng	99
30) Pyrene	19.606	202	47415	0.42	ng	100
32) Benzo(a)anthracene	21.341	228	32286	0.37	ng	100
33) Chrysene	21.402	228	42254	0.40	ng	96
34) Bis(2-ethylhexyl)phtha...	21.281	149	20134	0.32	ng	99
35) Indeno(1,2,3-cd)pyrene	26.452	276	28404	0.37	ng	100
37) Benzo(b)fluoranthene	23.078	252	27504	0.37	ng	100
38) Benzo(k)fluoranthene	23.128	252	30960	0.38	ng	100
39) Benzo(a)pyrene	23.726	252	23429	0.38	ng	99
40) Dibenzo(a,h)anthracene	26.477	278	24616	0.40	ng	100
41) Benzo(g,h,i)perylene	27.251	276	27314	0.41	ng	99

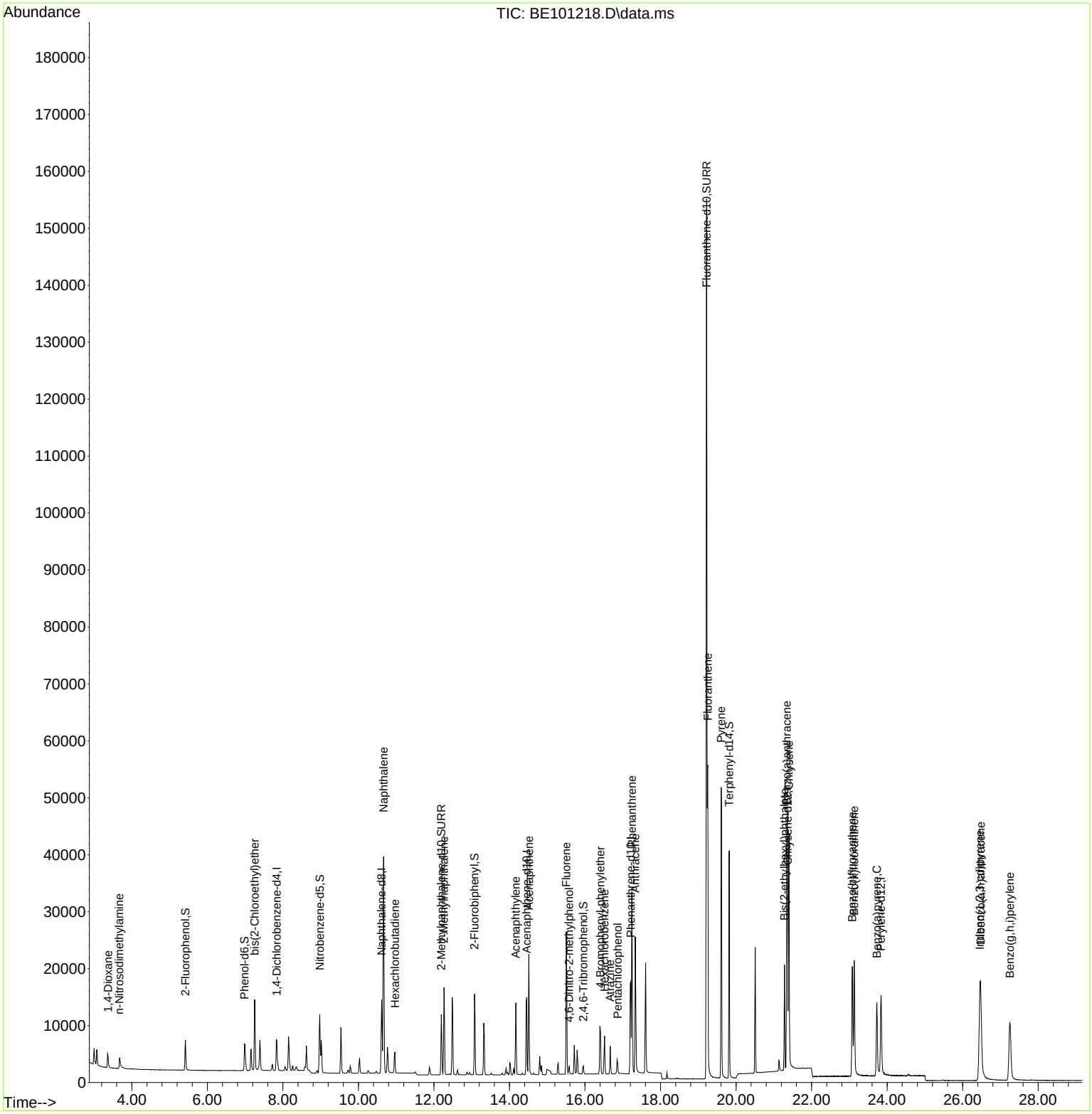
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

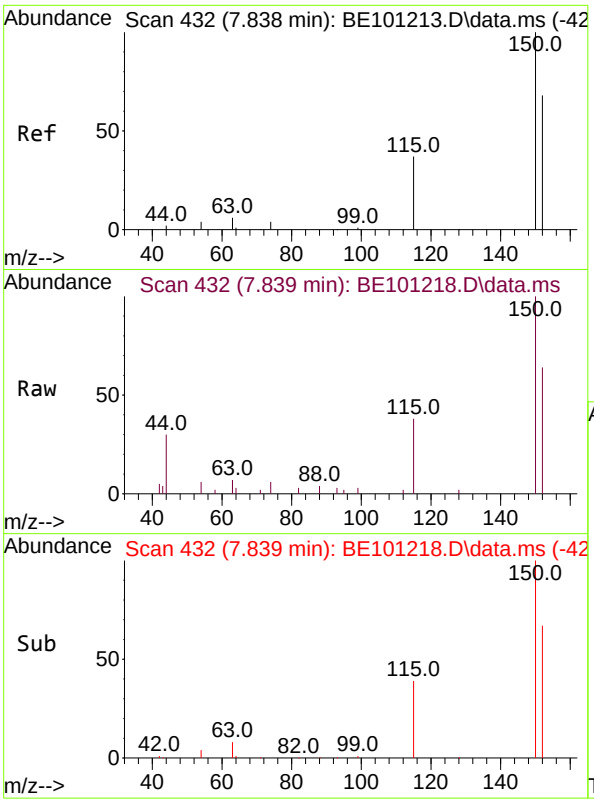
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040621\
Data File : BE101218.D
Acq On : 6 Apr 2021 16:20
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE040621

Quant Time: Apr 06 17:56:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 17:42:42 2021
Response via : Initial Calibration



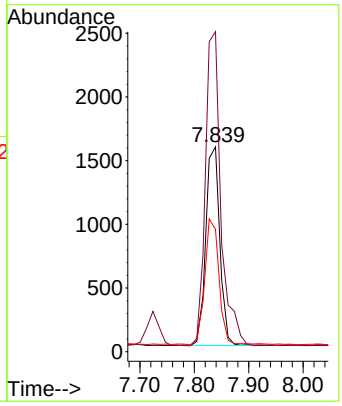
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

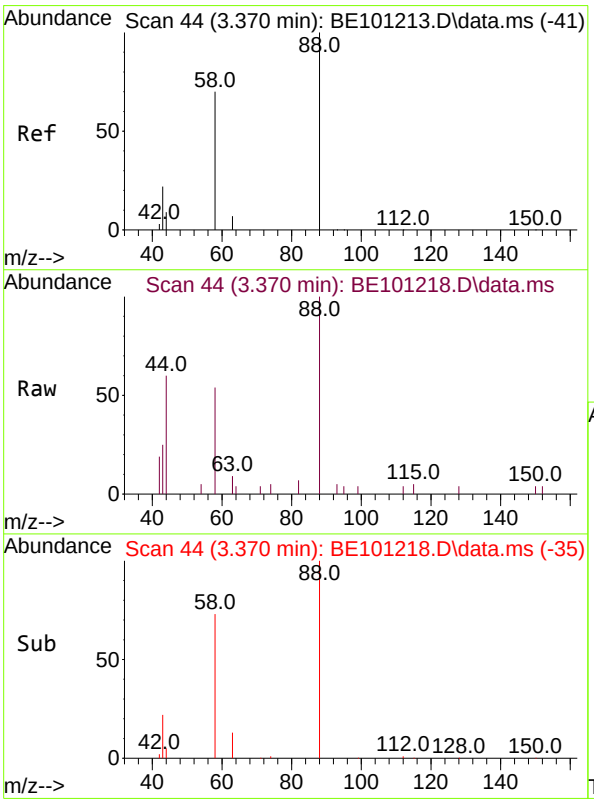


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.839 min Scan# 432
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:152 Resp: 2795

Ion	Ratio	Lower	Upper
152	100		
150	156.3	116.9	175.3
115	59.8	44.5	66.7

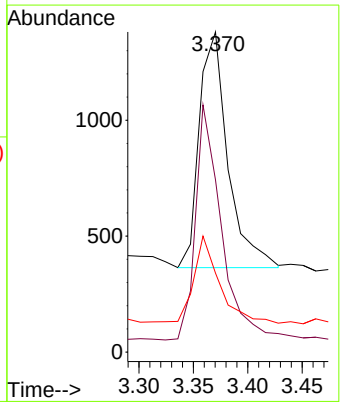




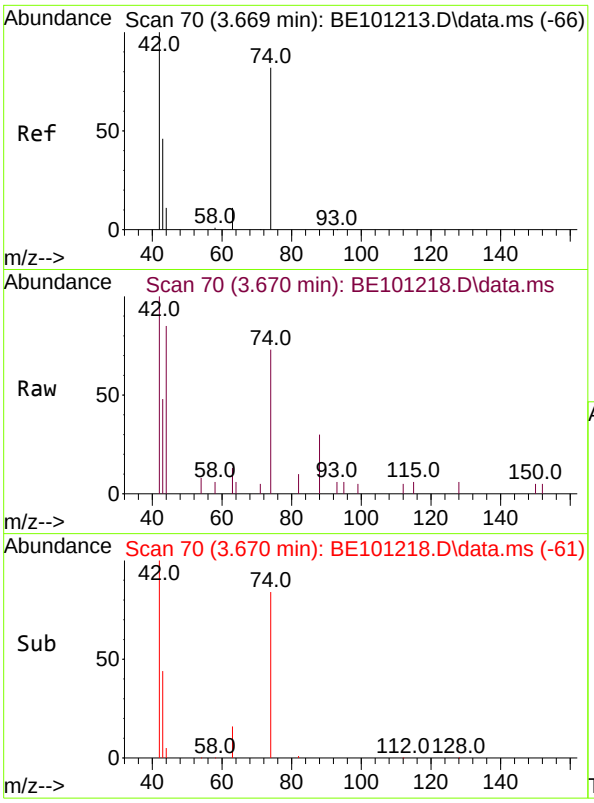
#2
1,4-Dioxane
Concen: 0.44 ng
RT: 3.370 min Scan# 44
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion: 88 Resp: 1862

Ion	Ratio	Lower	Upper
88	100		
58	90.0	73.6	110.4
43	33.0	27.6	41.4



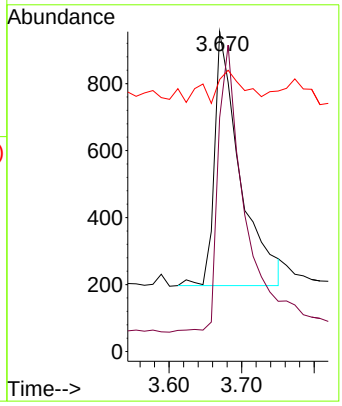
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

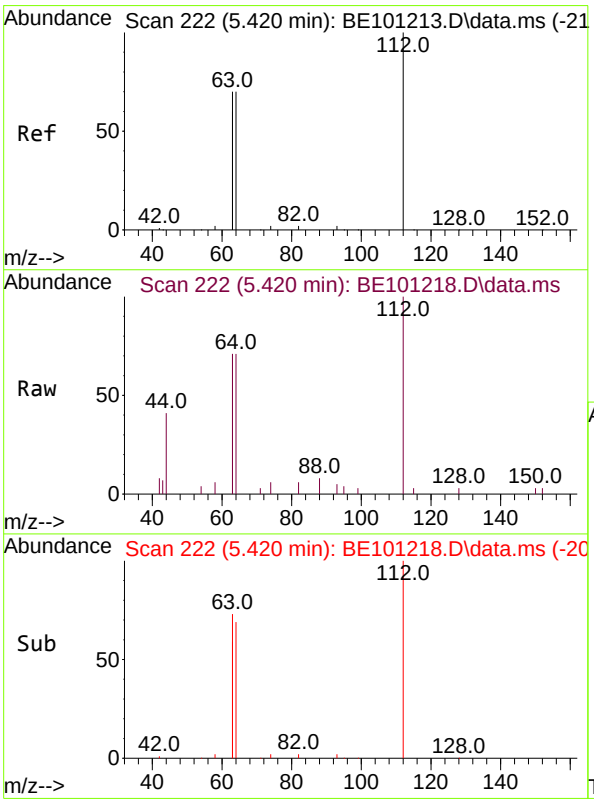


#3
n-Nitrosodimethylamine
Concen: 0.41 ng
RT: 3.670 min Scan# 70
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion: 42 Resp: 1842

Ion	Ratio	Lower	Upper
42	100		
74	114.3	92.7	139.1
44	12.7	10.7	16.1

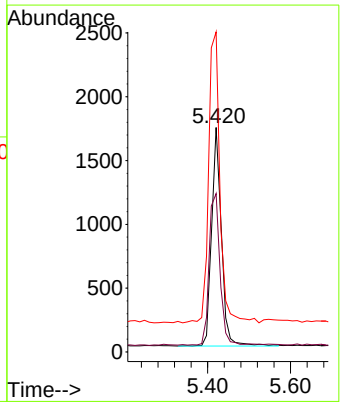




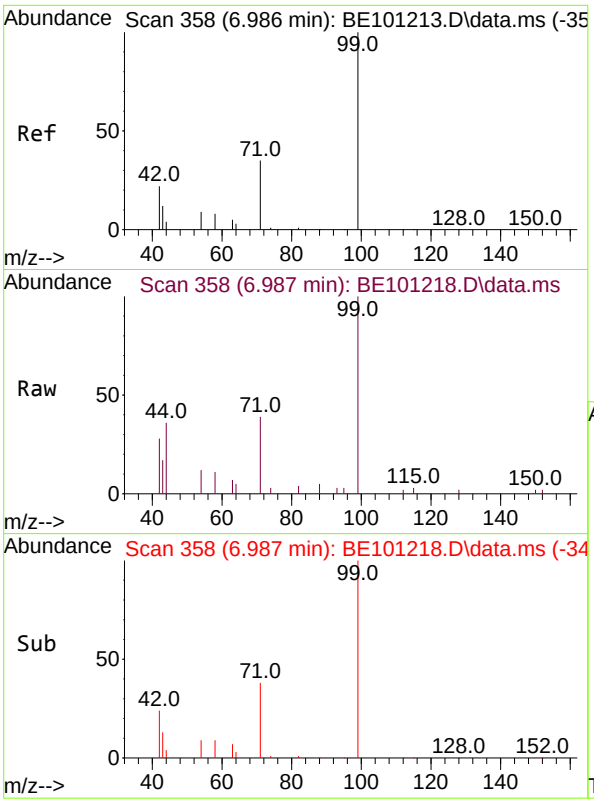
#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.420 min Scan# 222
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:112 Resp: 2799

Ion	Ratio	Lower	Upper
112	100		
64	76.9	62.3	93.5
63	152.9	117.3	175.9



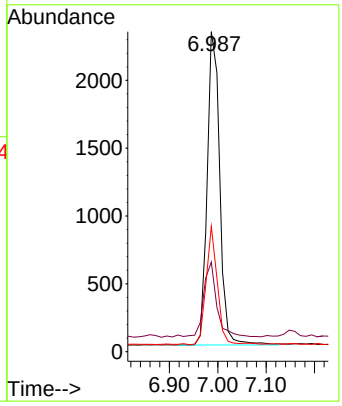
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

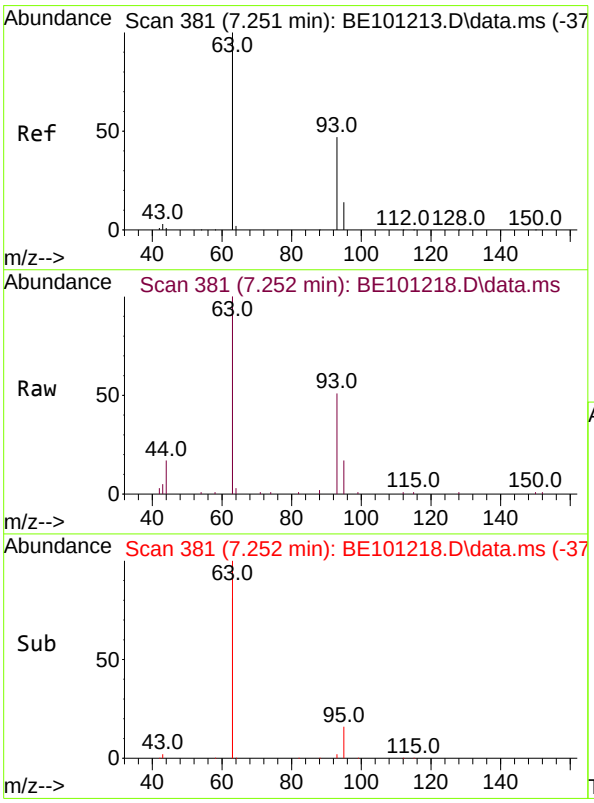


#5
Phenol-d6
Concen: 0.40 ng
RT: 6.987 min Scan# 358
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion: 99 Resp: 4161

Ion	Ratio	Lower	Upper
99	100		
42	25.4	18.5	27.7
71	33.5	26.5	39.7

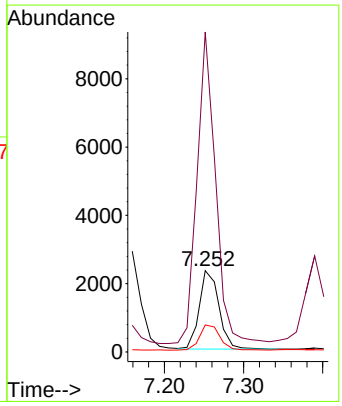


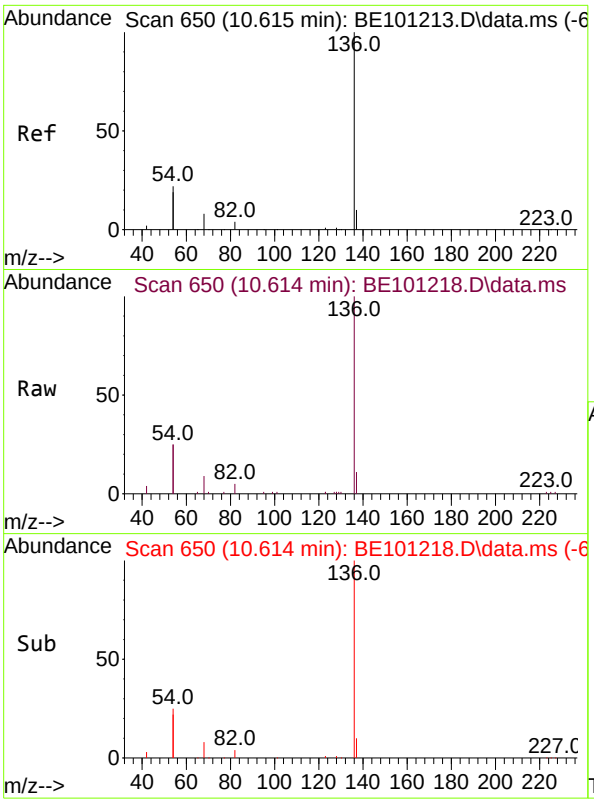


#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 7.252 min Scan# 381
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion: 93 Resp: 3983

Ion	Ratio	Lower	Upper
93	100		
63	371.9	292.5	438.7
95	33.7	25.7	38.5

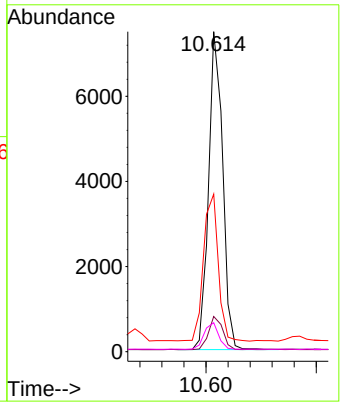




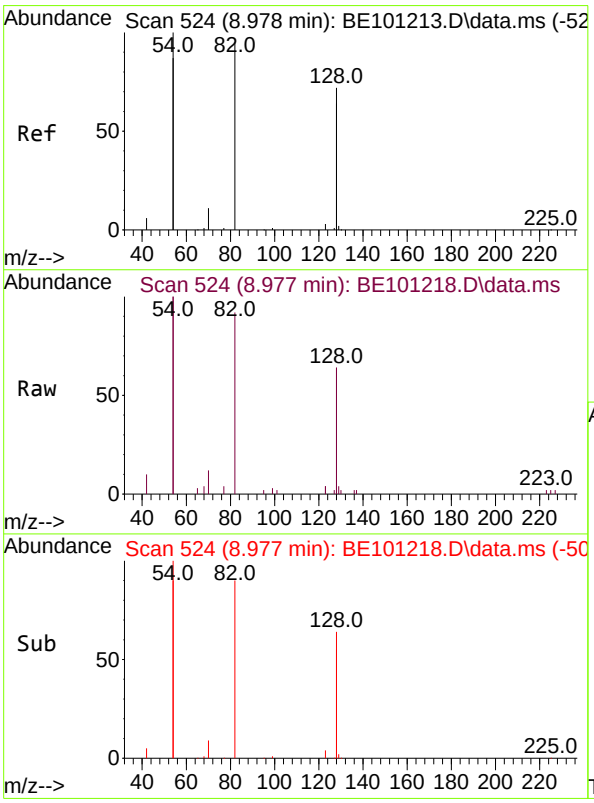
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:136 Resp: 13260

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	49.2	34.7	52.1
68	9.0	7.0	10.4



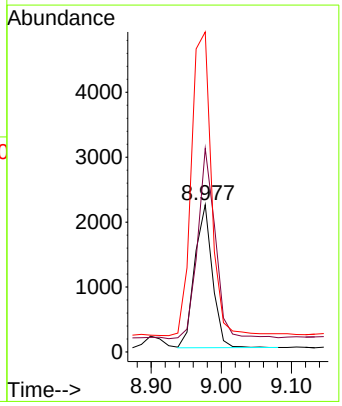
Instrument :
BNA_E
ClientSampleId :
ICVBE040621



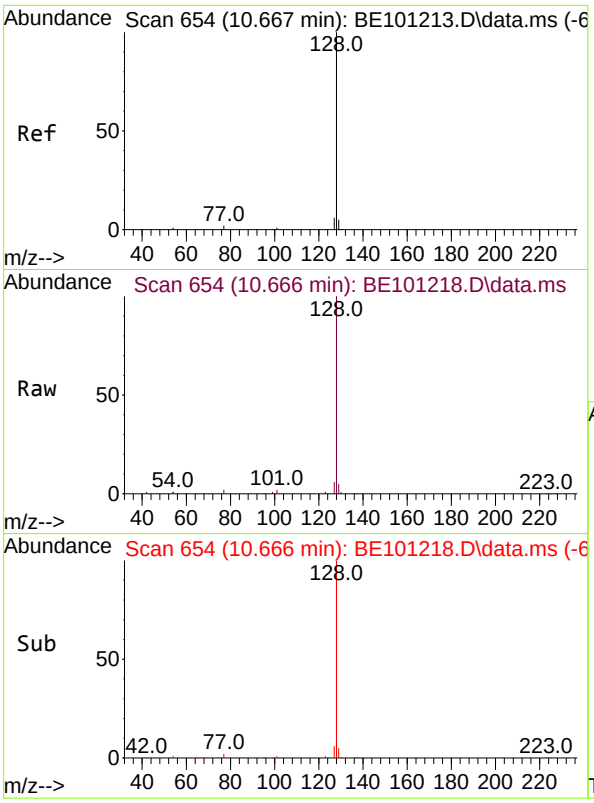
#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion: 82 Resp: 3856

Ion	Ratio	Lower	Upper
82	100		
128	138.2	118.7	178.1
54	217.3	164.4	246.6



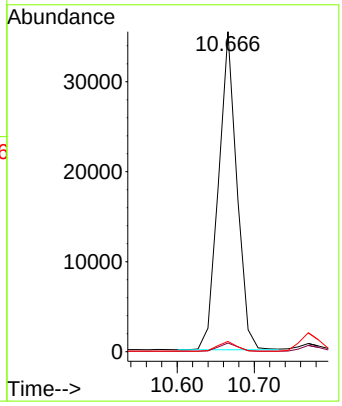
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

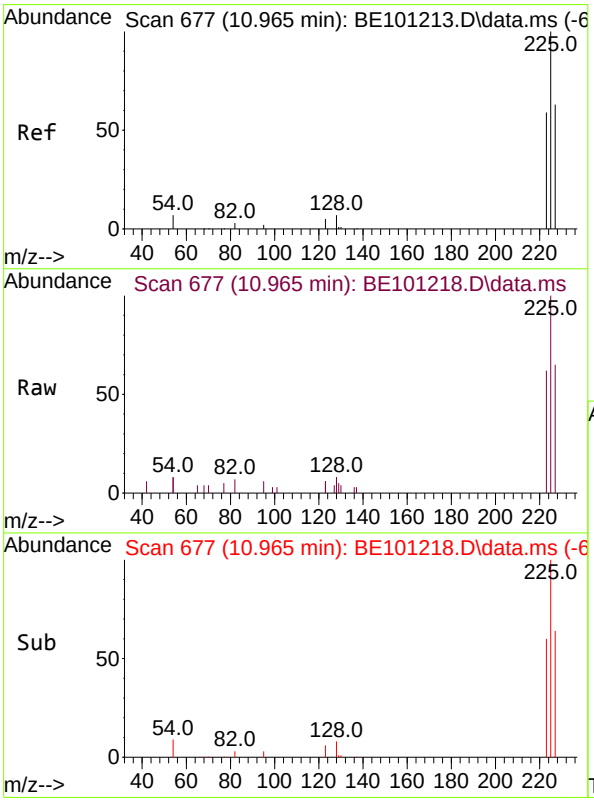


#9
Naphthalene
Concen: 0.40 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:128 Resp: 58339

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.2	2.6	3.8

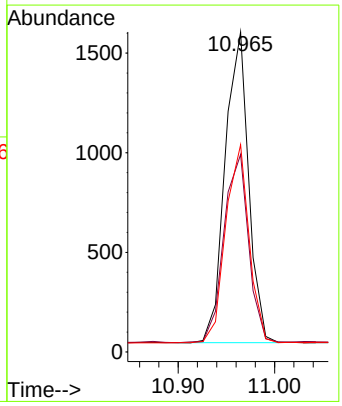




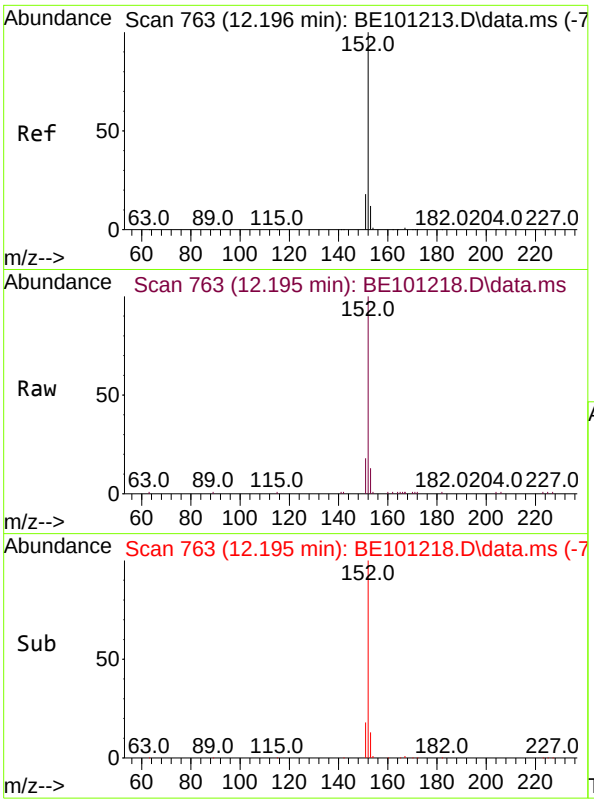
#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.965 min Scan# 677
Delta R.T. -0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:225 Resp: 2634

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.4	75.6
227	63.7	50.1	75.1



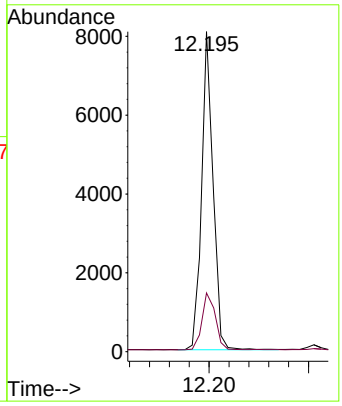
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

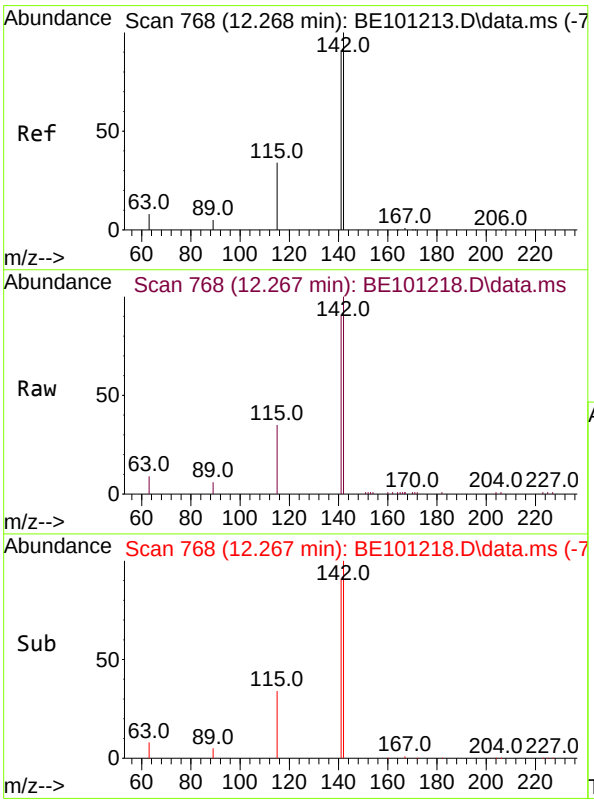


#11
2-Methylnaphthalene-d10
Concen: 0.42 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:152 Resp: 12928

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7

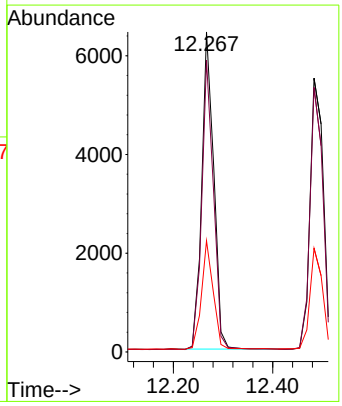




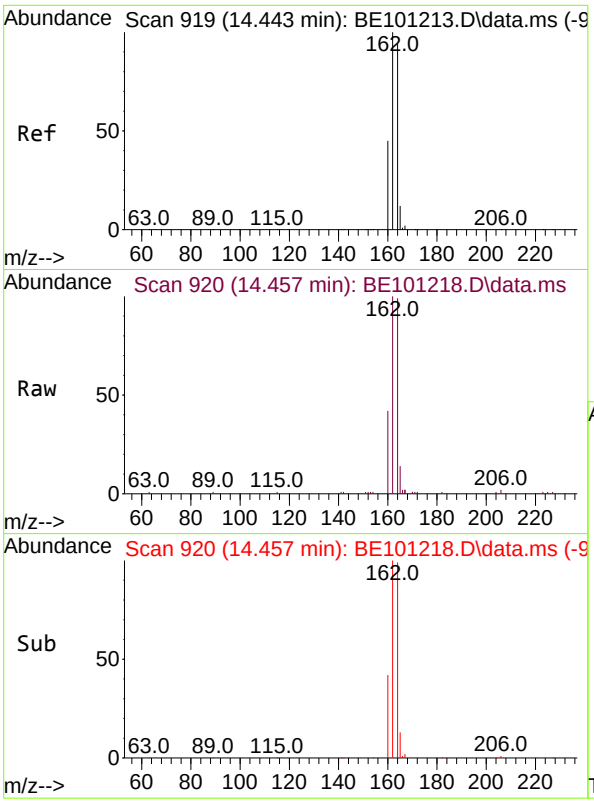
#12
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:142 Resp: 10736

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.6
115	34.8	27.8	41.8



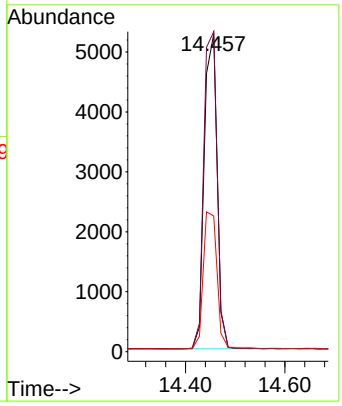
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

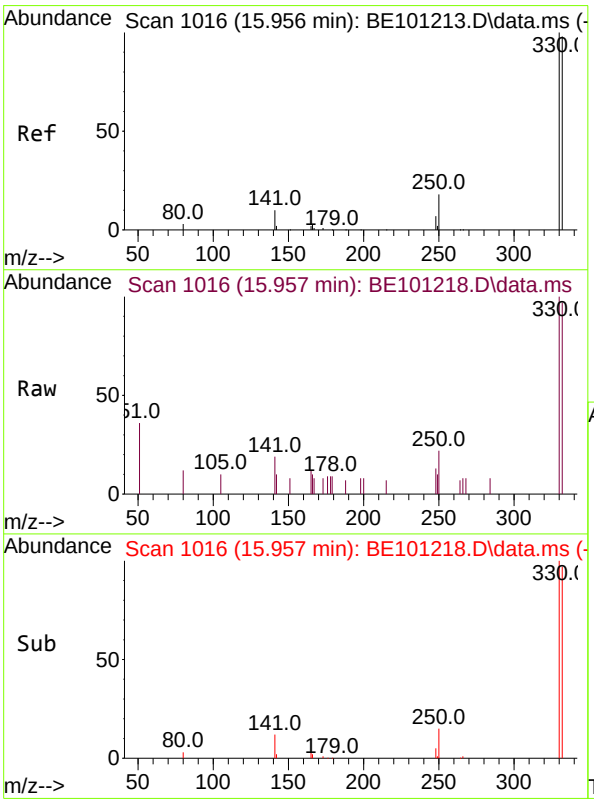


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. 0.013 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:164 Resp: 9448

Ion	Ratio	Lower	Upper
164	100		
162	100.8	85.3	127.9
160	42.7	39.1	58.7

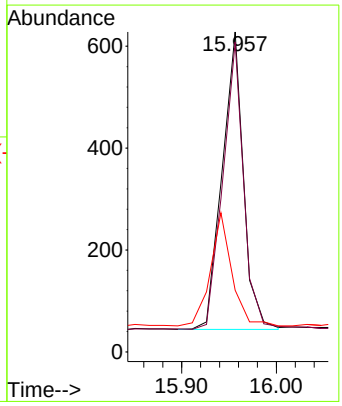


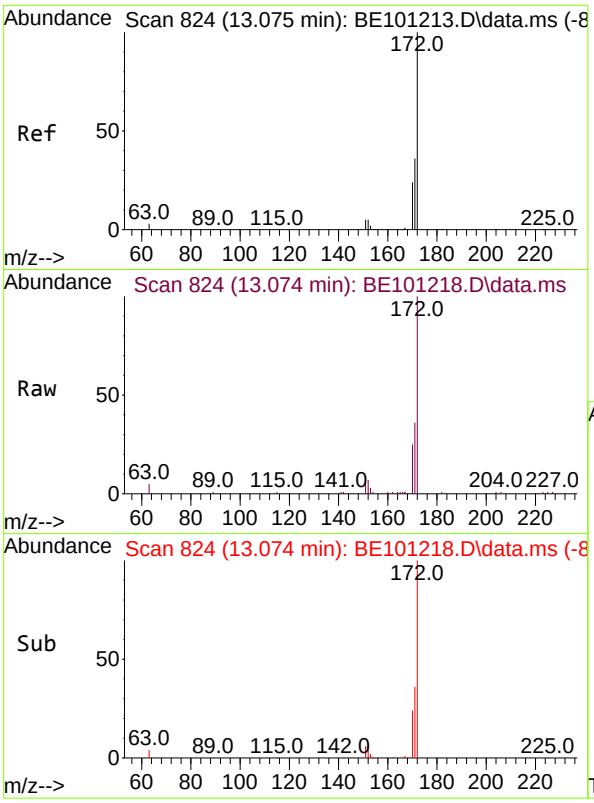


#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:330 Resp: 910

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.8	116.6
141	38.0	30.4	45.6

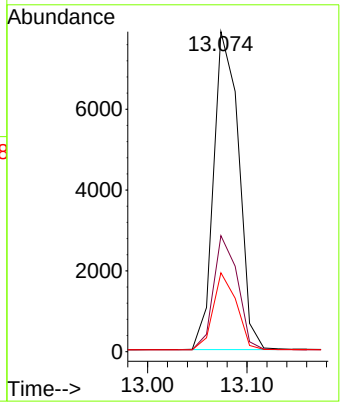




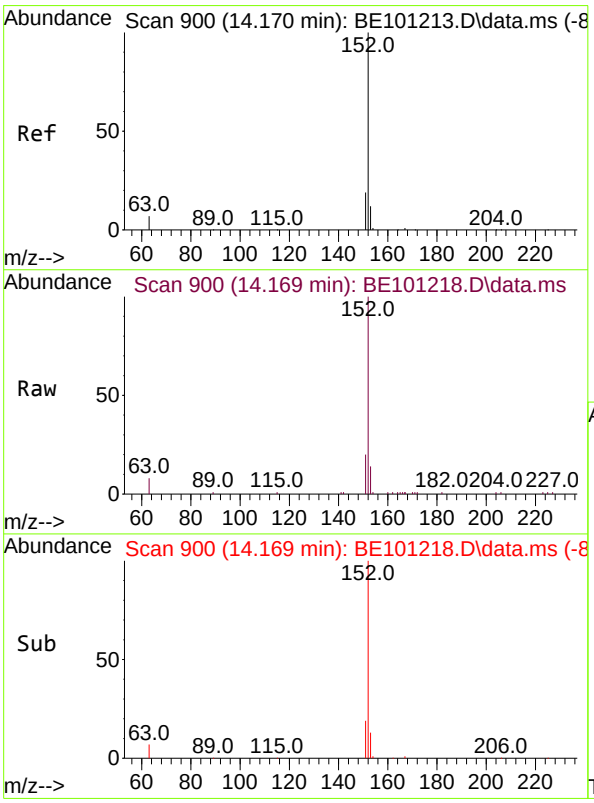
#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:172 Resp: 13852

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.7	43.1
170	24.6	19.3	28.9



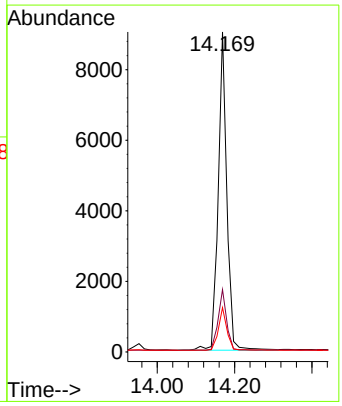
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

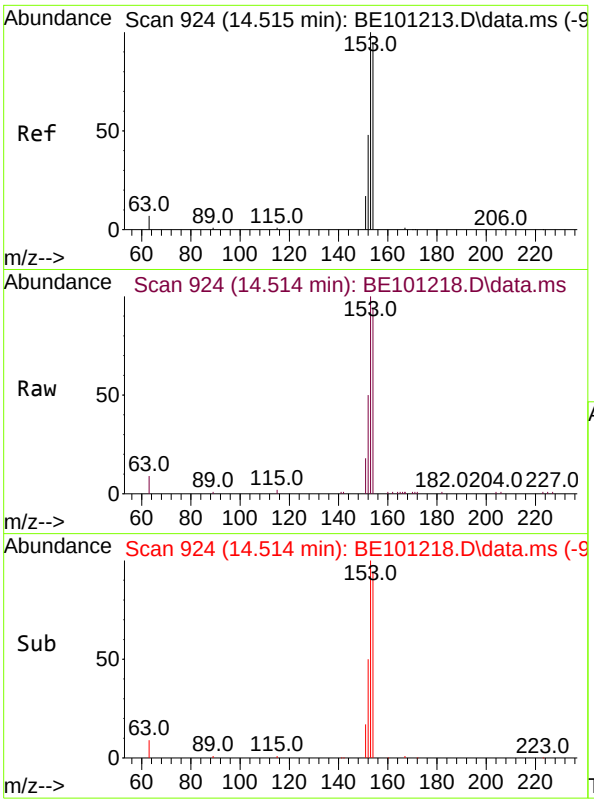


#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:152 Resp: 13943

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.1	10.0	15.0

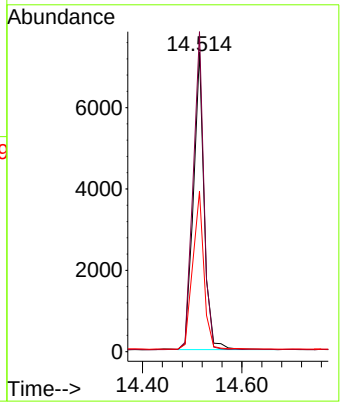




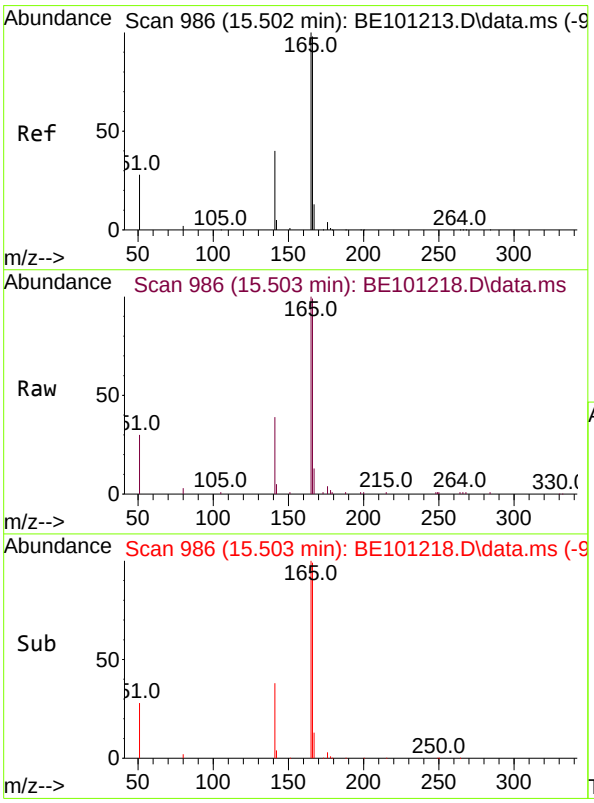
#17
Acenaphthene
Concen: 0.40 ng
RT: 14.514 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:154 Resp: 10987

Ion	Ratio	Lower	Upper
154	100		
153	107.0	84.9	127.3
152	54.8	42.7	64.1



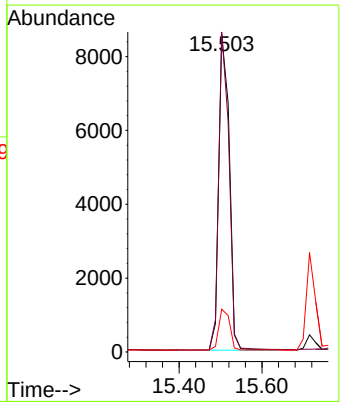
Instrument :
BNA_E
ClientSampleId :
ICVBE040621



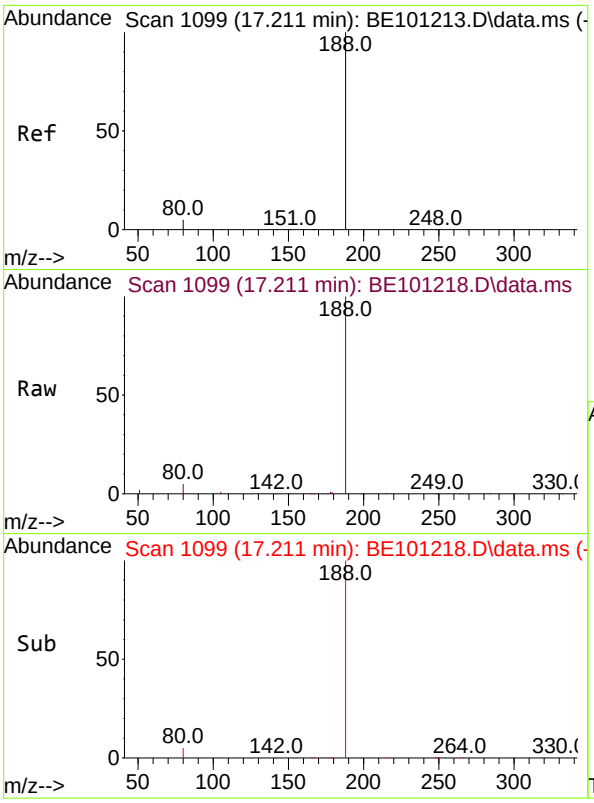
#18
Fluorene
Concen: 0.41 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:166 Resp: 15045

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.4
167	13.4	11.0	16.4



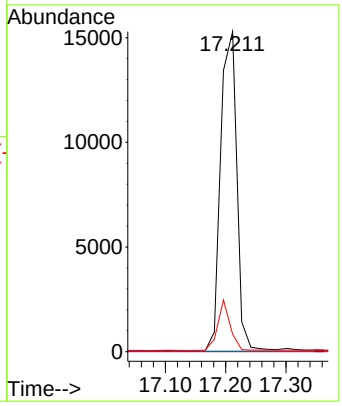
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

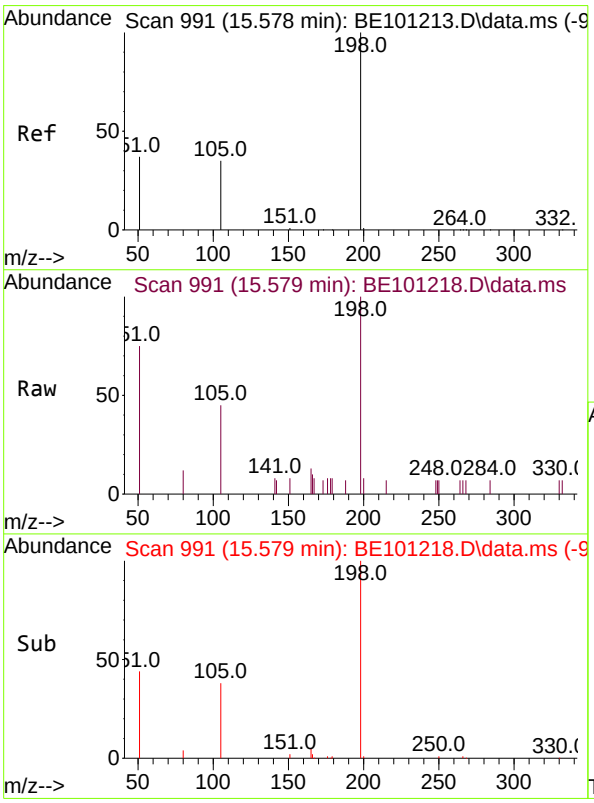


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:188 Resp: 28394

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.5	4.6	6.8

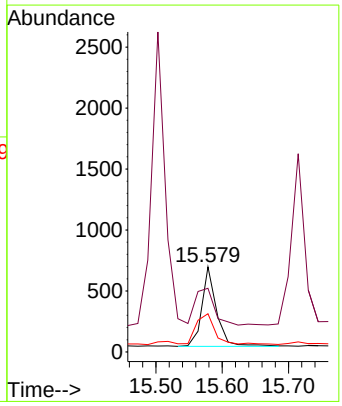




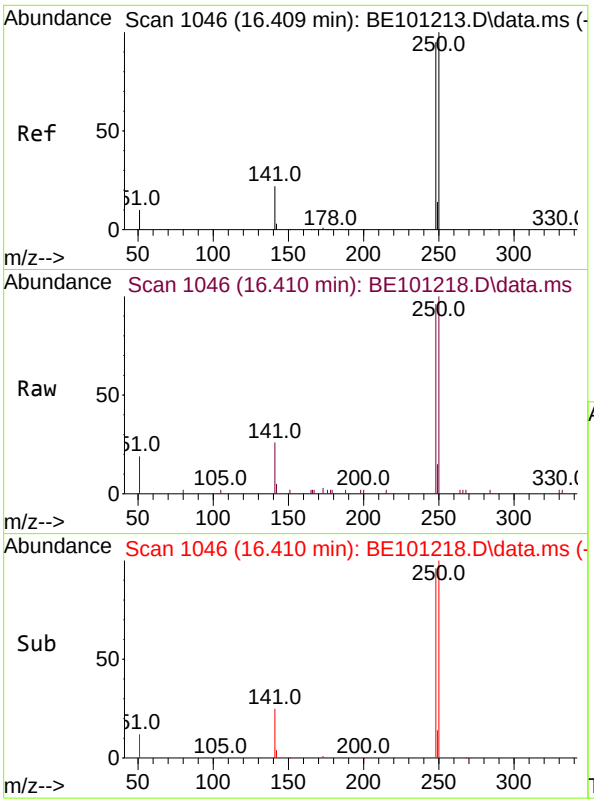
#20
4,6-Dinitro-2-methylphenol
Concen: 0.38 ng
RT: 15.579 min Scan# 991
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:198 Resp: 998

Ion	Ratio	Lower	Upper
198	100		
51	74.8	55.9	83.9
105	45.0	33.6	50.4



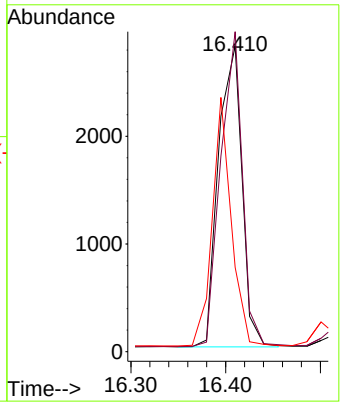
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

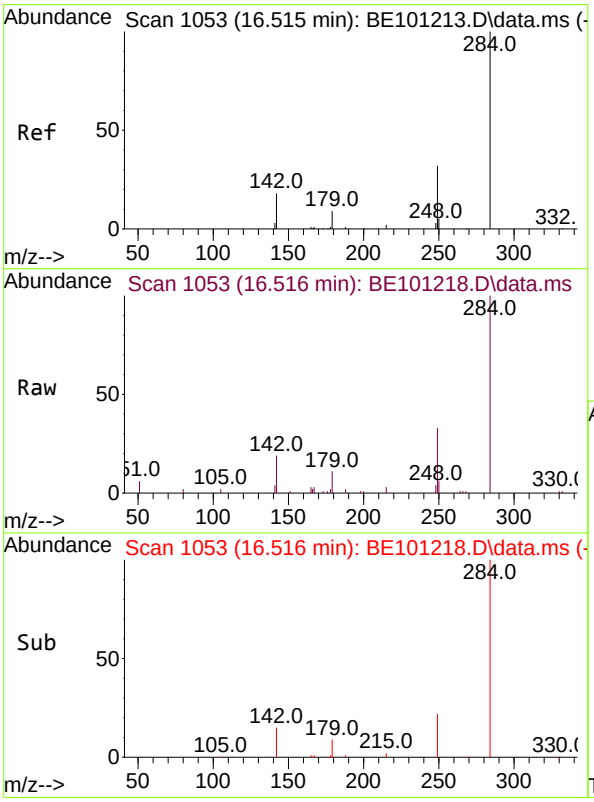


#21
4-Bromophenyl-phenylether
Concen: 0.34 ng
RT: 16.410 min Scan# 1046
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:248 Resp: 4832

Ion	Ratio	Lower	Upper
248	100		
250	104.7	84.5	126.7
141	27.6	19.8	29.8

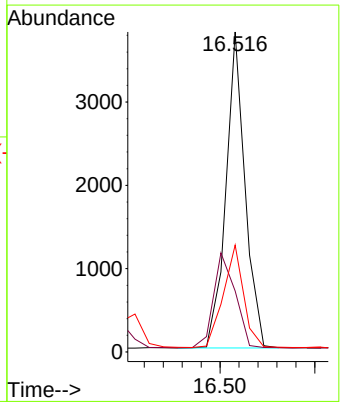


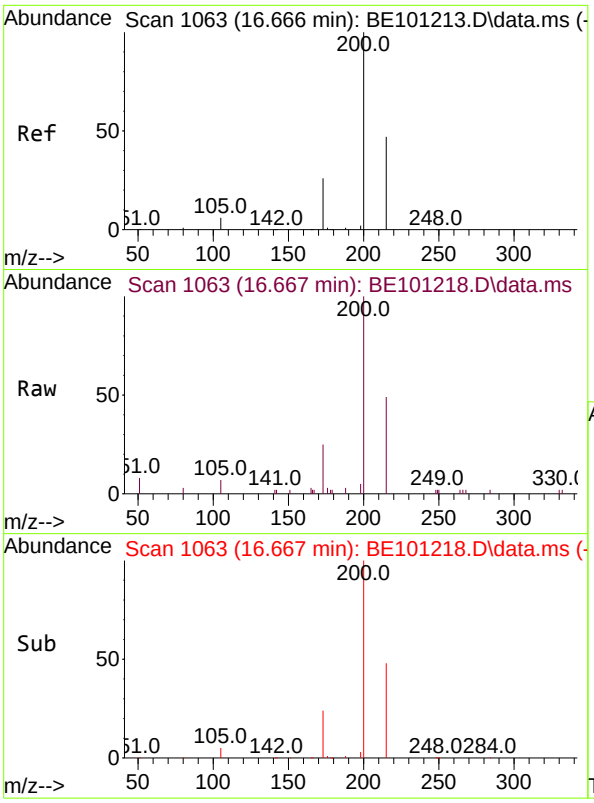


#22
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.516 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:284 Resp: 5316

Ion	Ratio	Lower	Upper
284	100		
142	33.9	27.4	41.0
249	34.3	26.5	39.7

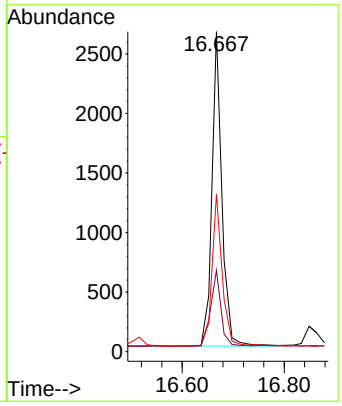




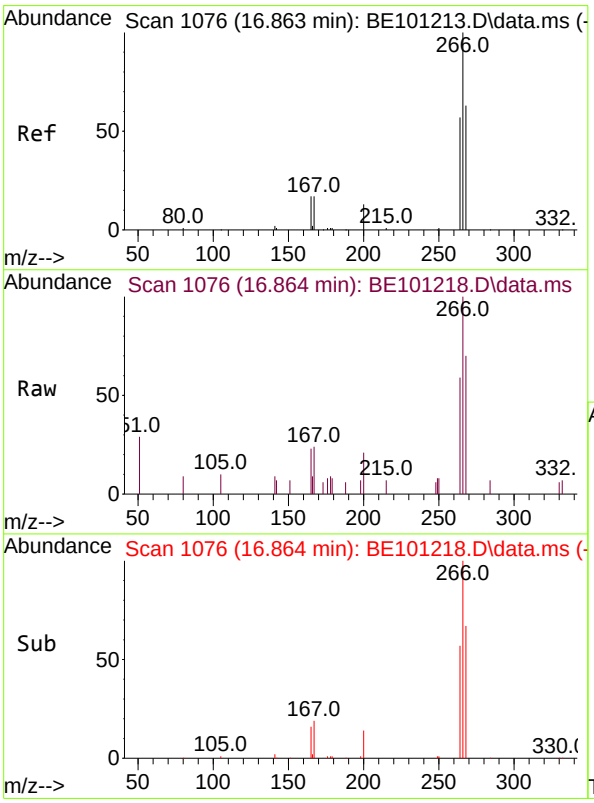
#23
Atrazine
Concen: 0.37 ng
RT: 16.667 min Scan# 1063
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:200 Resp: 3571

Ion	Ratio	Lower	Upper
200	100		
173	25.4	21.9	32.9
215	49.2	38.6	57.8



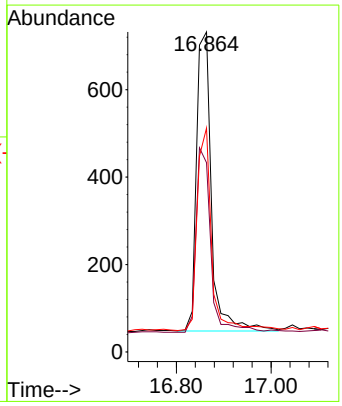
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

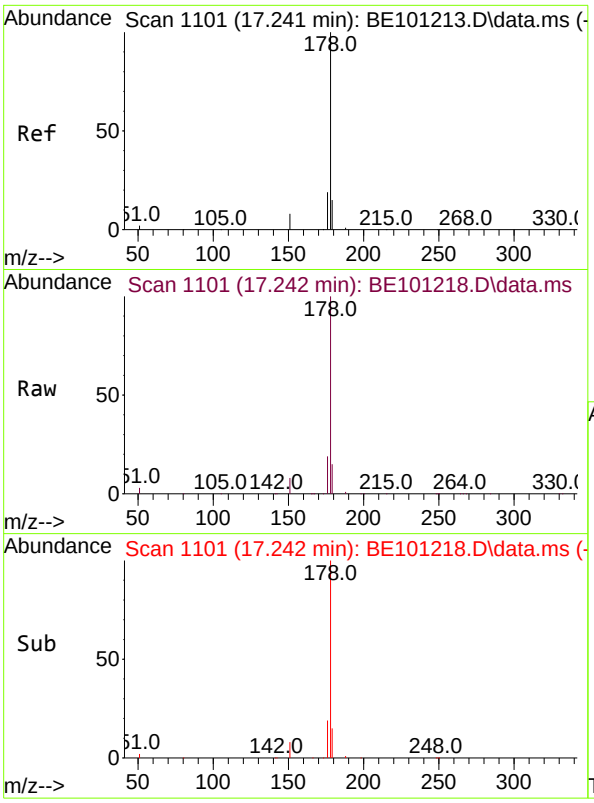


#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.864 min Scan# 1076
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:266 Resp: 1499

Ion	Ratio	Lower	Upper
266	100		
264	60.2	49.1	73.7
268	65.5	50.6	76.0

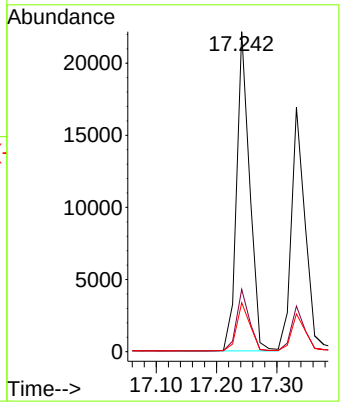




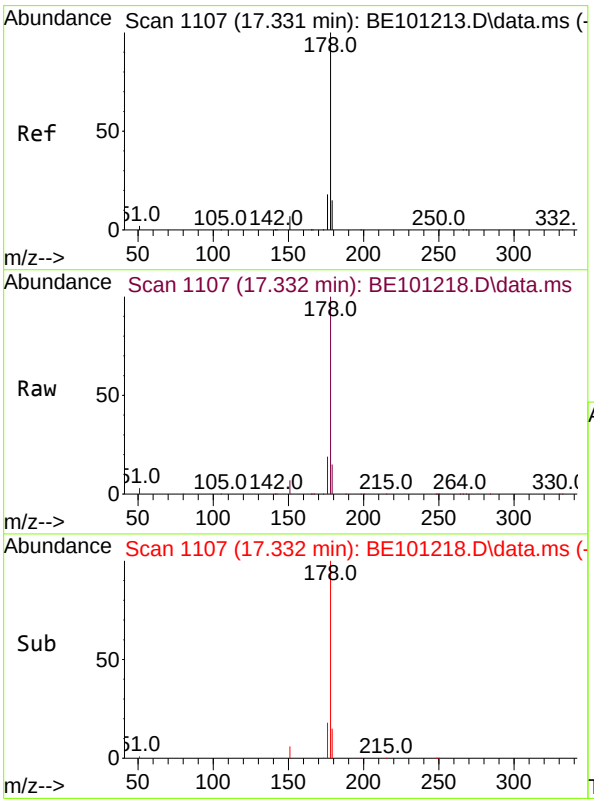
#25
Phenanthrene
Concen: 0.39 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:178 Resp: 33124

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.5	12.2	18.4



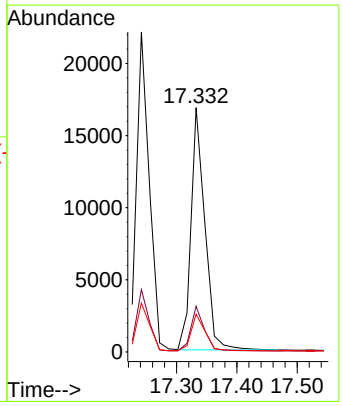
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

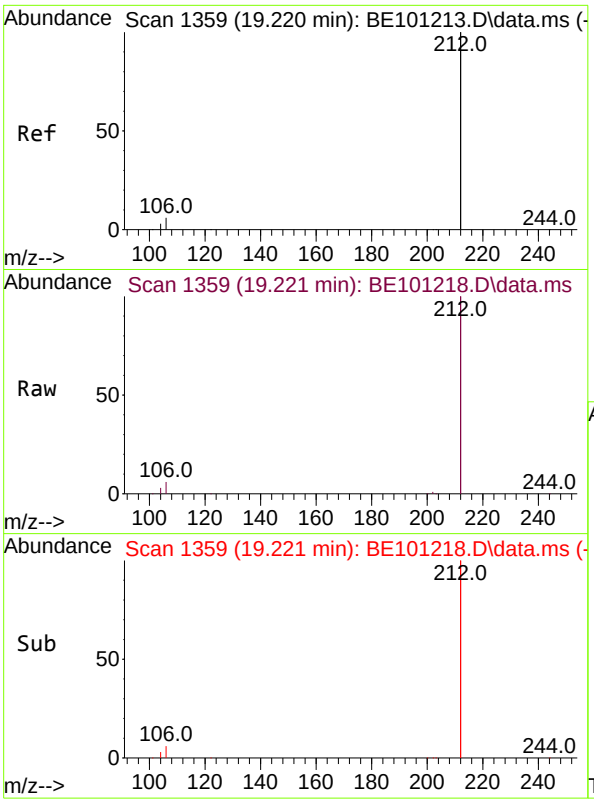


#26
Anthracene
Concen: 0.37 ng
RT: 17.332 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:178 Resp: 26756

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.4	11.8	17.8

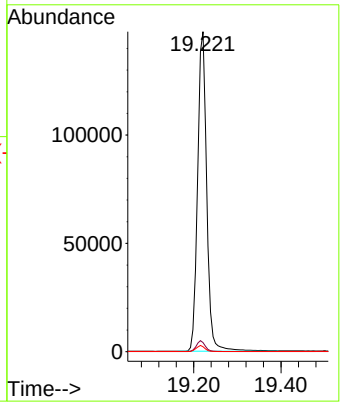




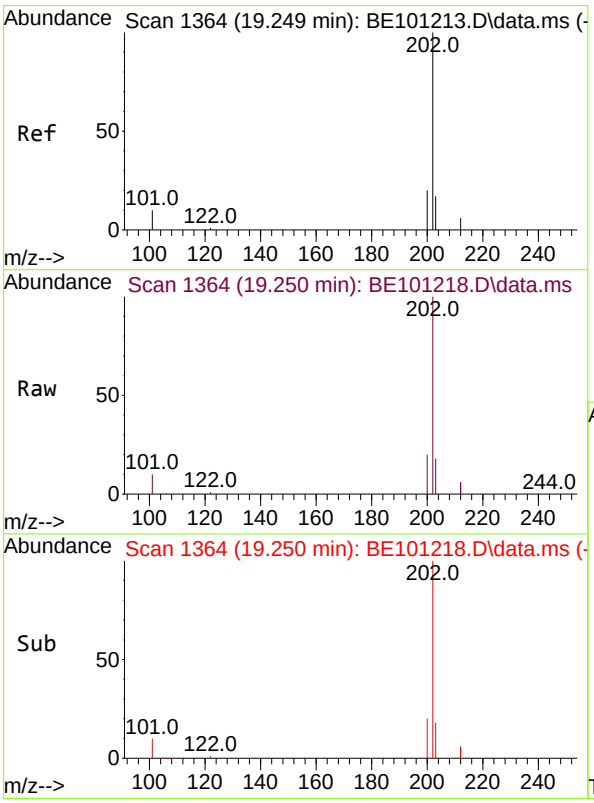
#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.221 min Scan# 1359
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:212 Resp: 214203

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.8	1.4	2.2



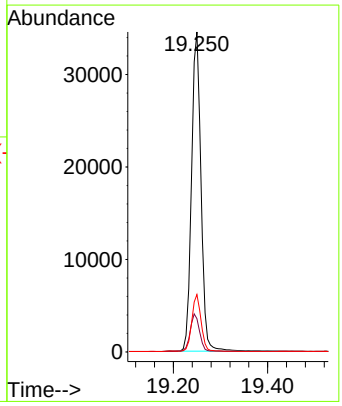
Instrument :
BNA_E
ClientSampleId :
ICVBE040621



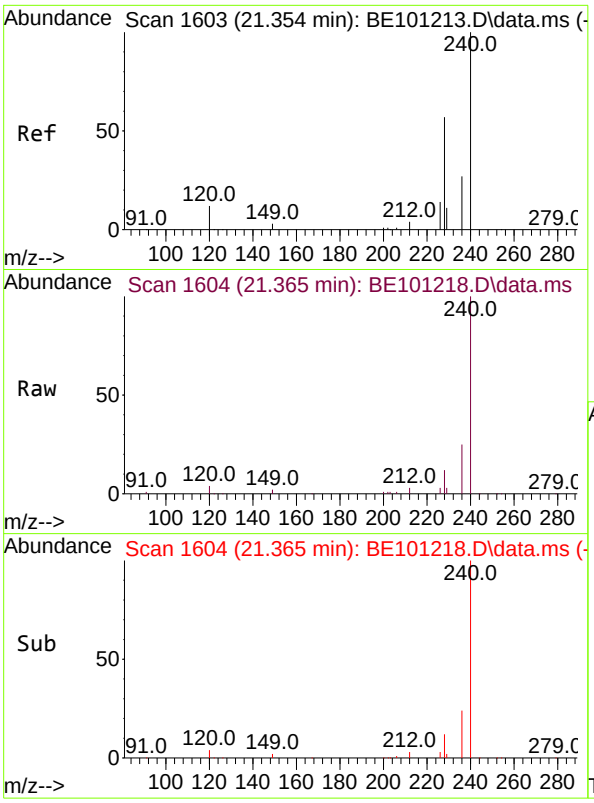
#28
Fluoranthene
Concen: 0.44 ng
RT: 19.250 min Scan# 1364
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:202 Resp: 47918

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.1	13.7
203	17.5	13.6	20.4



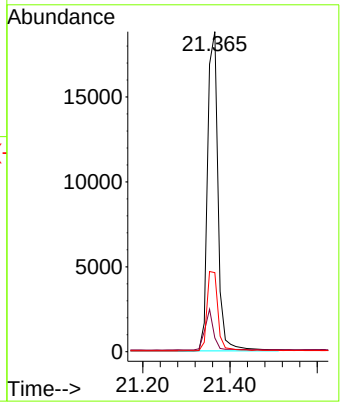
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

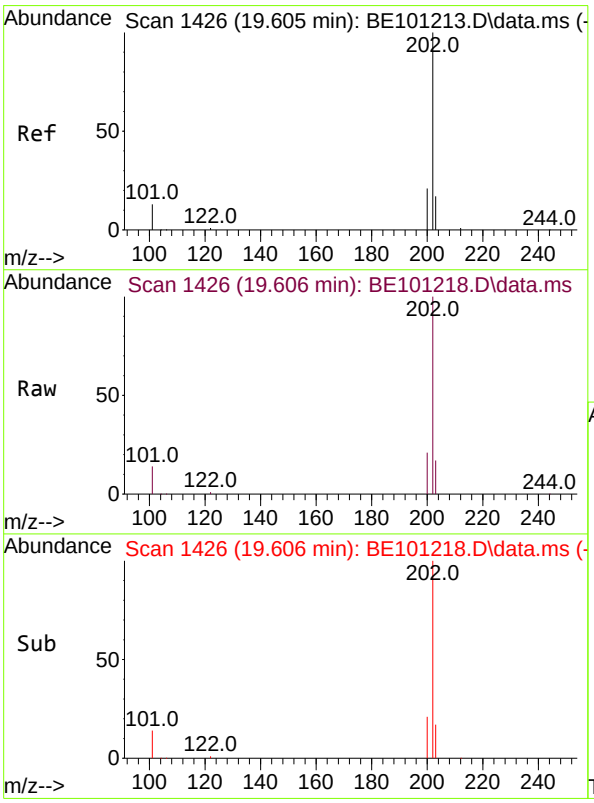


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.365 min Scan# 1604
Delta R.T. 0.011 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:240 Resp: 31216

Ion	Ratio	Lower	Upper
240	100		
120	4.3	10.2	15.4#
236	24.7	21.7	32.5

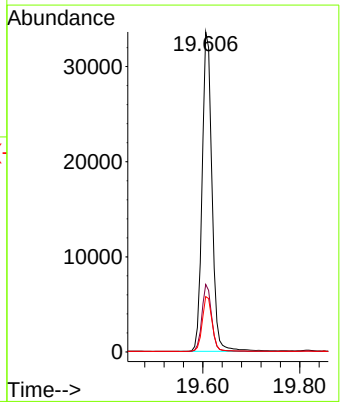




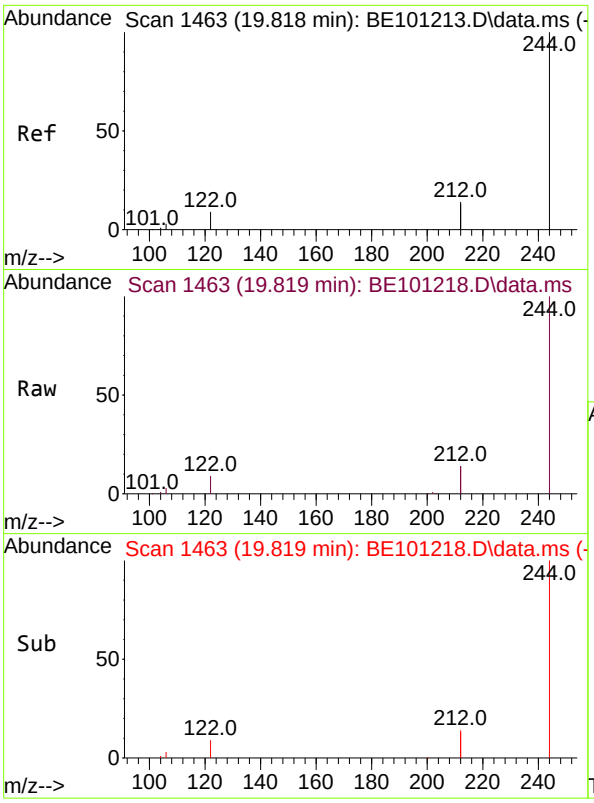
#30
Pyrene
Concen: 0.42 ng
RT: 19.606 min Scan# 1426
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:202 Resp: 47415

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.4	13.8	20.8



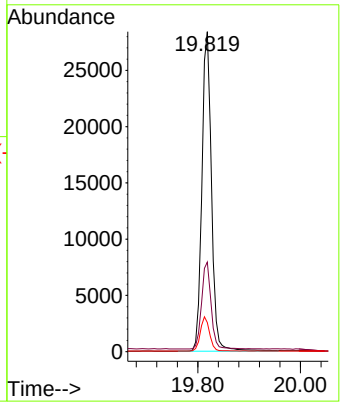
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

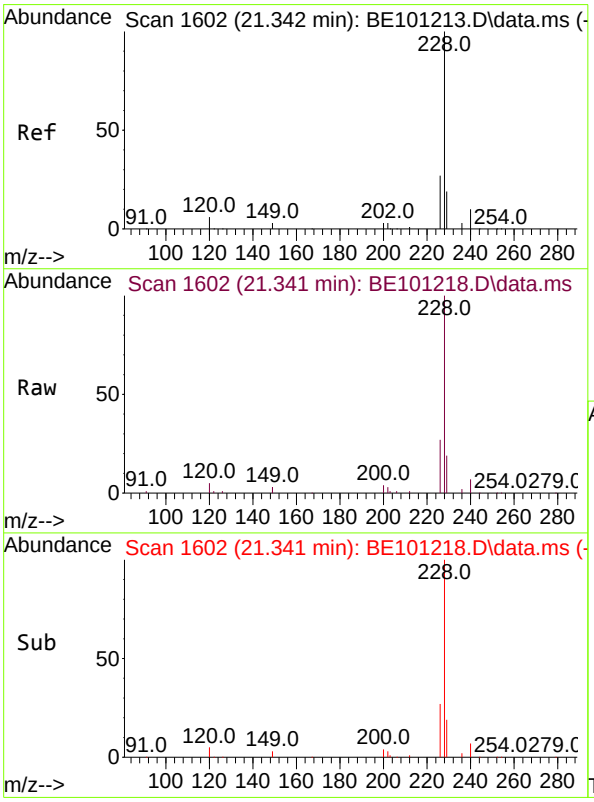


#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.819 min Scan# 1463
Delta R.T. 0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:244 Resp: 36847

Ion	Ratio	Lower	Upper
244	100		
212	28.0	21.9	32.9
122	9.1	7.3	10.9

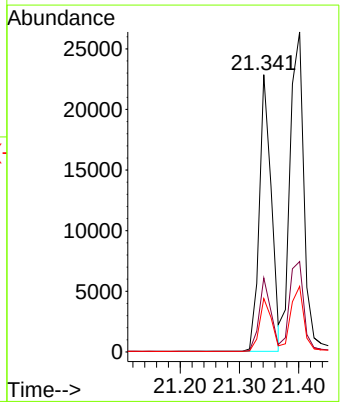




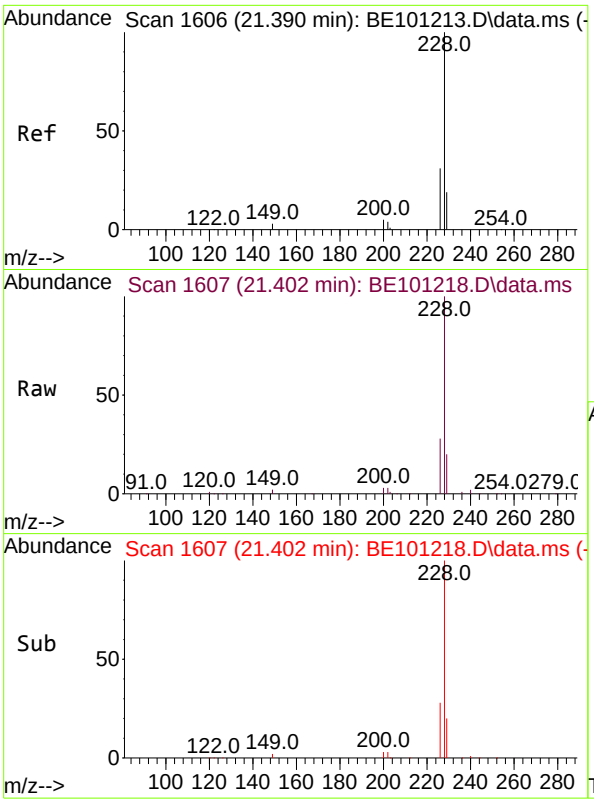
#32
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.341 min Scan# 1602
Delta R.T. -0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:228 Resp: 32286

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.2
229	19.3	15.7	23.5



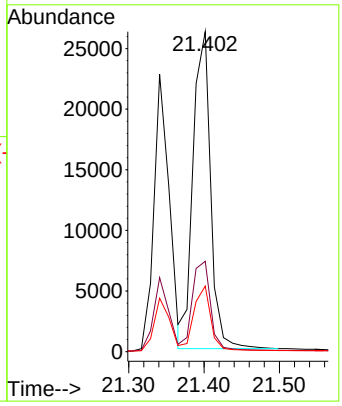
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

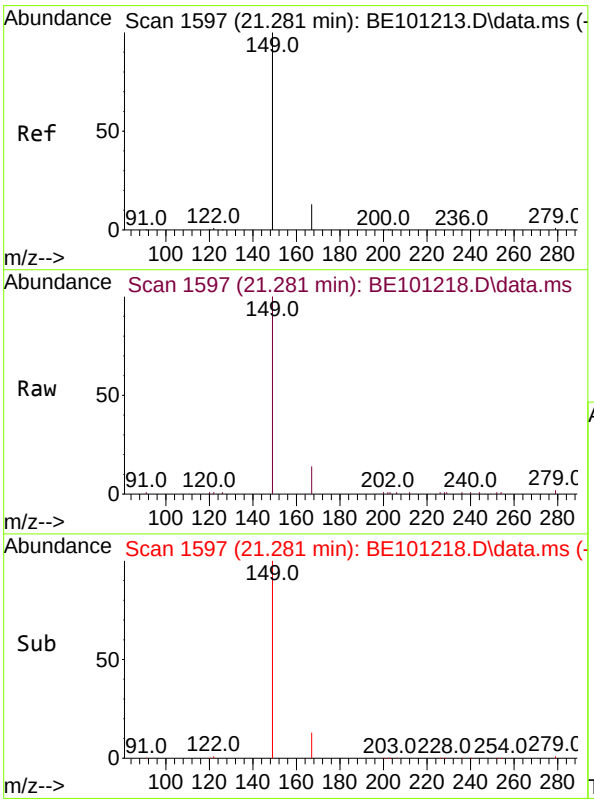


#33
Chrysene
Concen: 0.40 ng
RT: 21.402 min Scan# 1607
Delta R.T. 0.011 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:228 Resp: 42254

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.8	37.2
229	20.5	15.2	22.8

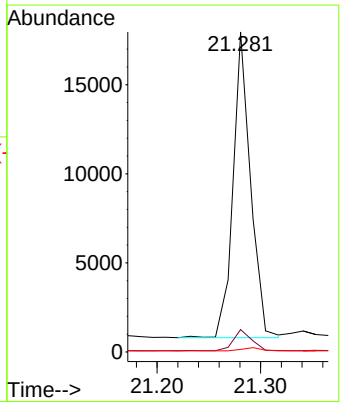




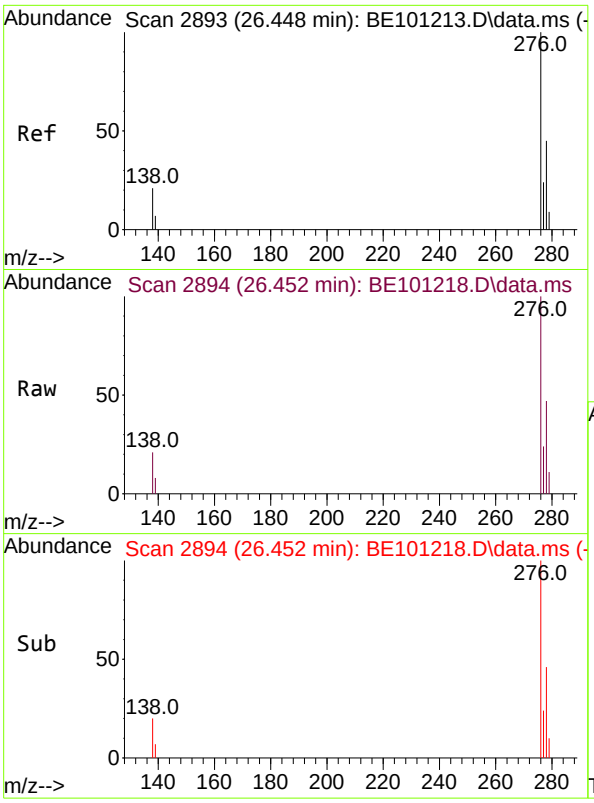
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.281 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:149 Resp: 20134

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.5	8.3
279	1.3	1.0	1.4



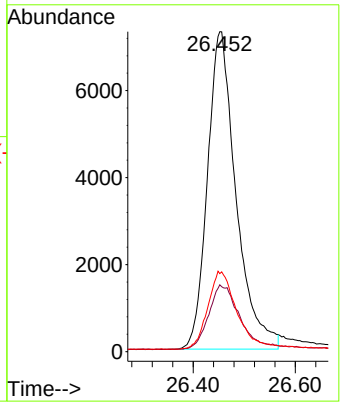
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

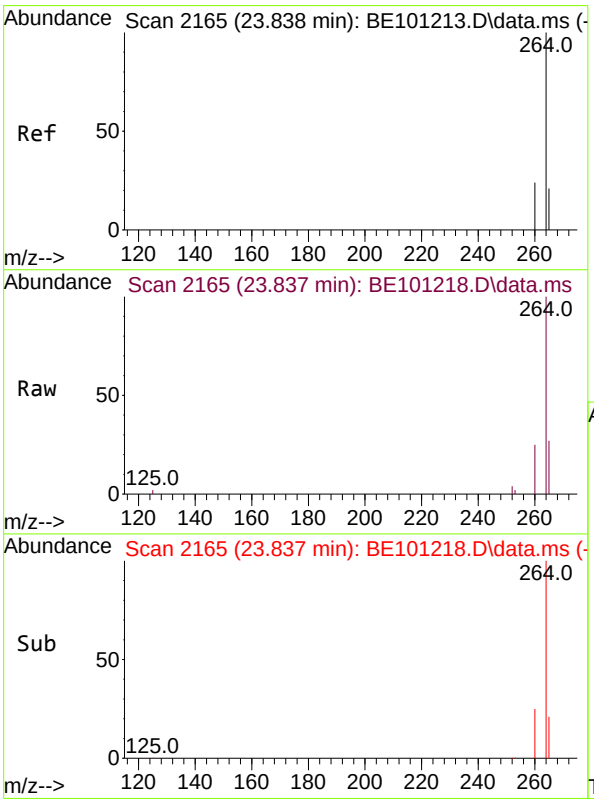


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.452 min Scan# 2894
Delta R.T. 0.004 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:276 Resp: 28404

Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.4	26.0
277	24.8	19.8	29.8

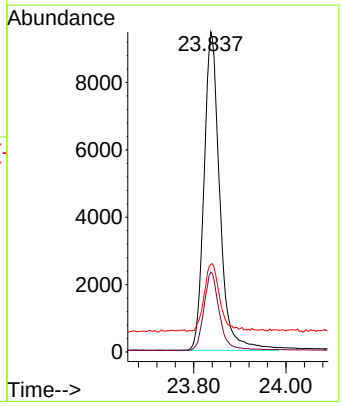




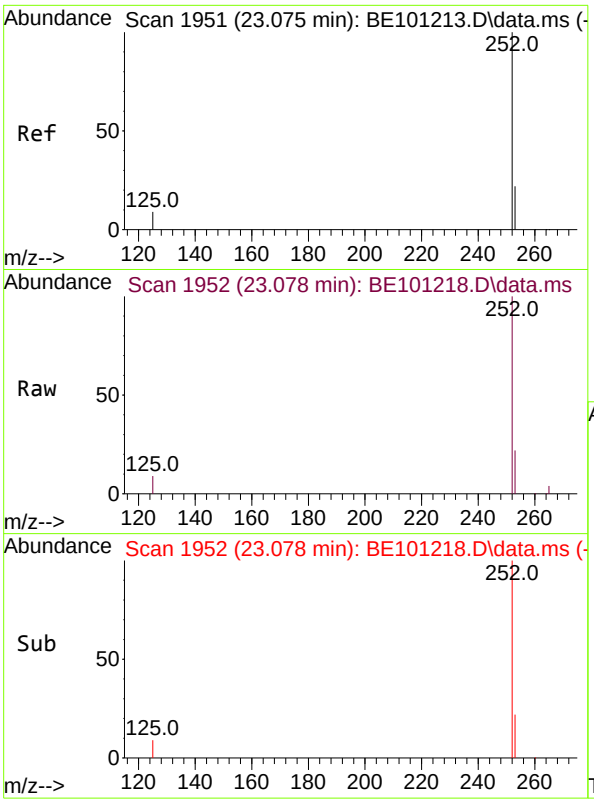
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.837 min Scan# 2165
Delta R.T. -0.001 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:264 Resp: 22475

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	27.4	22.4	33.6



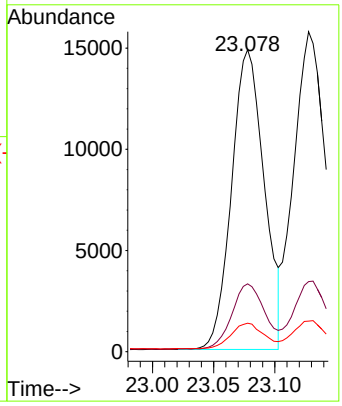
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

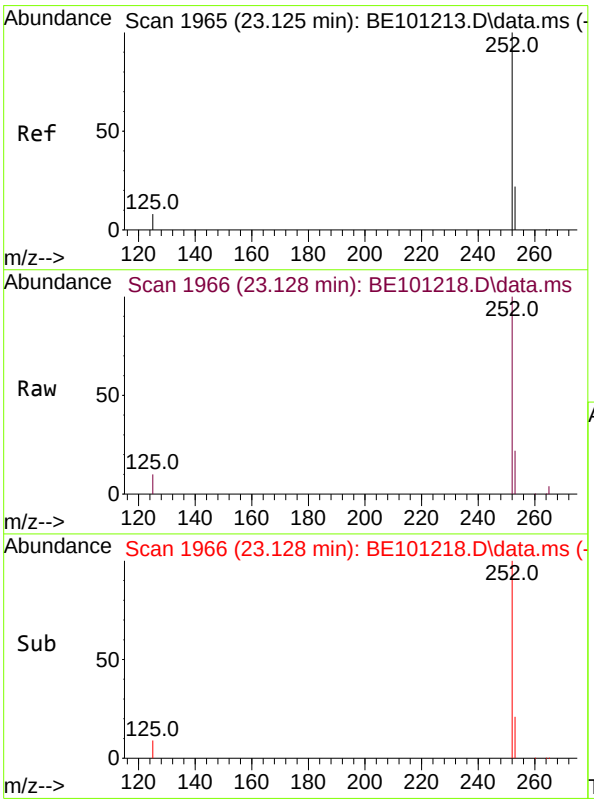


#37
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 23.078 min Scan# 1952
Delta R.T. 0.002 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:252 Resp: 27504

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	9.5	7.6	11.4

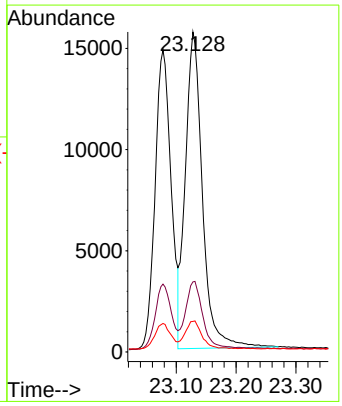




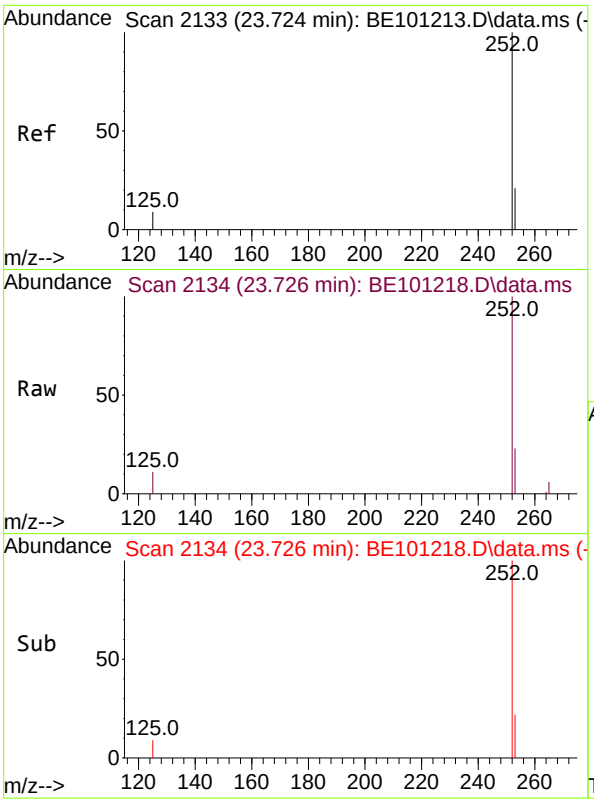
#38
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.128 min Scan# 1966
Delta R.T. 0.002 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:252 Resp: 30960

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.6	7.6	11.4



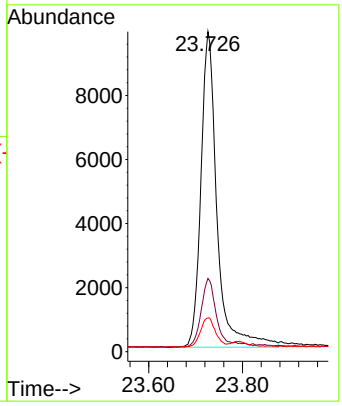
Instrument :
BNA_E
ClientSampleId :
ICVBE040621

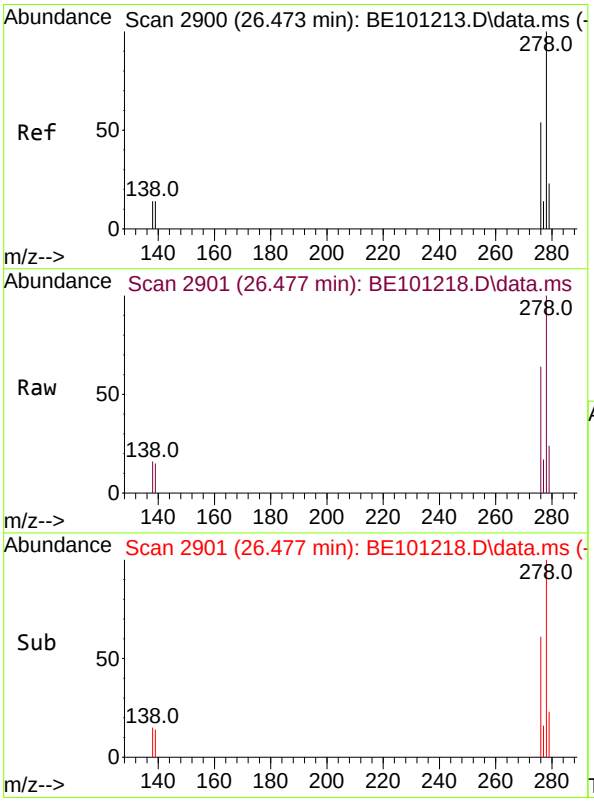


#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.726 min Scan# 2134
Delta R.T. 0.002 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:252 Resp: 23429

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.6	8.0	12.0

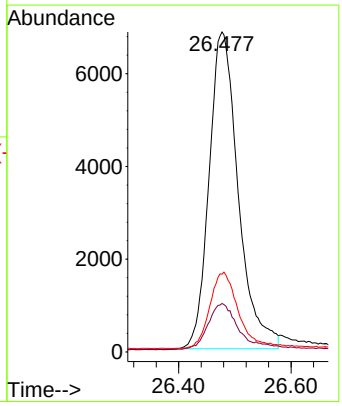


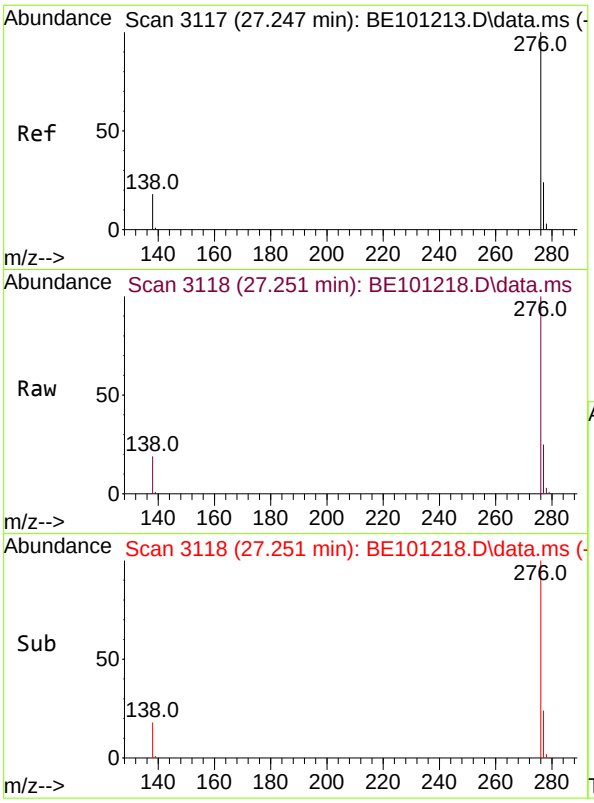


#40
Dibenzo(a,h)anthracene
Concen: 0.40 ng
RT: 26.477 min Scan# 2901
Delta R.T. 0.004 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:278 Resp: 24616

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.2	18.2
279	24.3	19.3	28.9

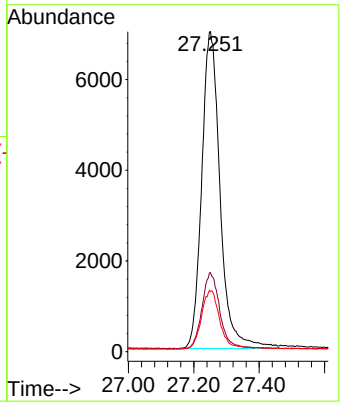




#41
Benzo(g,h,i)perylene
Concen: 0.41 ng
RT: 27.251 min Scan# 3118
Delta R.T. 0.004 min
Lab File: BE101218.D
Acq: 6 Apr 2021 16:20

Tgt Ion:276 Resp: 27314

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.0
138	18.8	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
ICVBE040621