Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101242.D
Acq On : 8 Apr 2021 11:19
Operator : CG/JU
Sample : PB135597BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB135597BS

Quant Time: Apr 08 12:20:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.827	152	3009	0.40	ng		# 0.00
7) Naphthalene-d8	10.615	136	13982	0.40	ng		0.00
13) Acenaphthene-d10	14.443	164	10431	0.40	ng		0.00
19) Phenanthrene-d10	17.195	188	30478	0.40	ng		#-0.01
29) Chrysene-d12	21.355	240	29450	0.40	ng		# 0.00
36) Perylene-d12	23.831	264	24056	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.420	112	2980	0.42	ng		0.00
5) Phenol-d6	6.987	99	4750	0.43	ng		0.00
8) Nitrobenzene-d5	8.978	82	4168	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.196	152	13155	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	1258	0.45	ng		0.00
15) 2-Fluorobiphenyl	13.075	172	14597	0.39	ng		0.00
27) Fluoranthene-d10	19.215	212	221963	0.42	ng		0.00
31) Terphenyl-d14	19.813	244	37058	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	1770	0.39	ng		95
3) n-Nitrosodimethylamine	3.670	42	2018	0.42	ng		96
6) bis(2-Chloroethyl)ether	7.252	93	4239	0.41	ng		100
9) Naphthalene	10.667	128	61047	0.40	ng		100
10) Hexachlorobutadiene	10.953	225	2673	0.40	ng		99
12) 2-Methylnaphthalene	12.268	142	11092	0.41	ng		95
16) Acenaphthylene	14.170	152	16142	0.40	ng		100
17) Acenaphthene	14.515	154	11802	0.39	ng		97
18) Fluorene	15.502	166	16368	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.578	198	848	0.32	ng		88
21) 4-Bromophenyl-phenylether	16.394	248	5741	0.38	ng	#	64
22) Hexachlorobenzene	16.515	284	5768	0.38	ng		98
23) Atrazine	16.666	200	4044	0.39	ng	#	94
24) Pentachlorophenol	16.848	266	1654	0.29	ng		98
25) Phenanthrene	17.241	178	35568	0.39	ng		100
26) Anthracene	17.331	178	29825	0.39	ng		99
28) Fluoranthene	19.244	202	49819	0.42	ng		100
30) Pyrene	19.606	202	48887	0.46	ng		99
32) Benzo(a)anthracene	21.342	228	33359	0.40	ng		99
33) Chrysene	21.391	228	39248	0.40	ng		98
34) Bis(2-ethylhexyl)phtha...	21.282	149	24440	0.41	ng		100
35) Indeno(1,2,3-cd)pyrene	26.441	276	30930	0.43	ng		100
37) Benzo(b)fluoranthene	23.072	252	29431	0.37	ng		100
38) Benzo(k)fluoranthene	23.122	252	33198	0.38	ng		99
39) Benzo(a)pyrene	23.721	252	25776	0.39	ng		99
40) Dibenzo(a,h)anthracene	26.463	278	26281	0.40	ng		100
41) Benzo(g,h,i)perylene	27.237	276	28300	0.40	ng		100

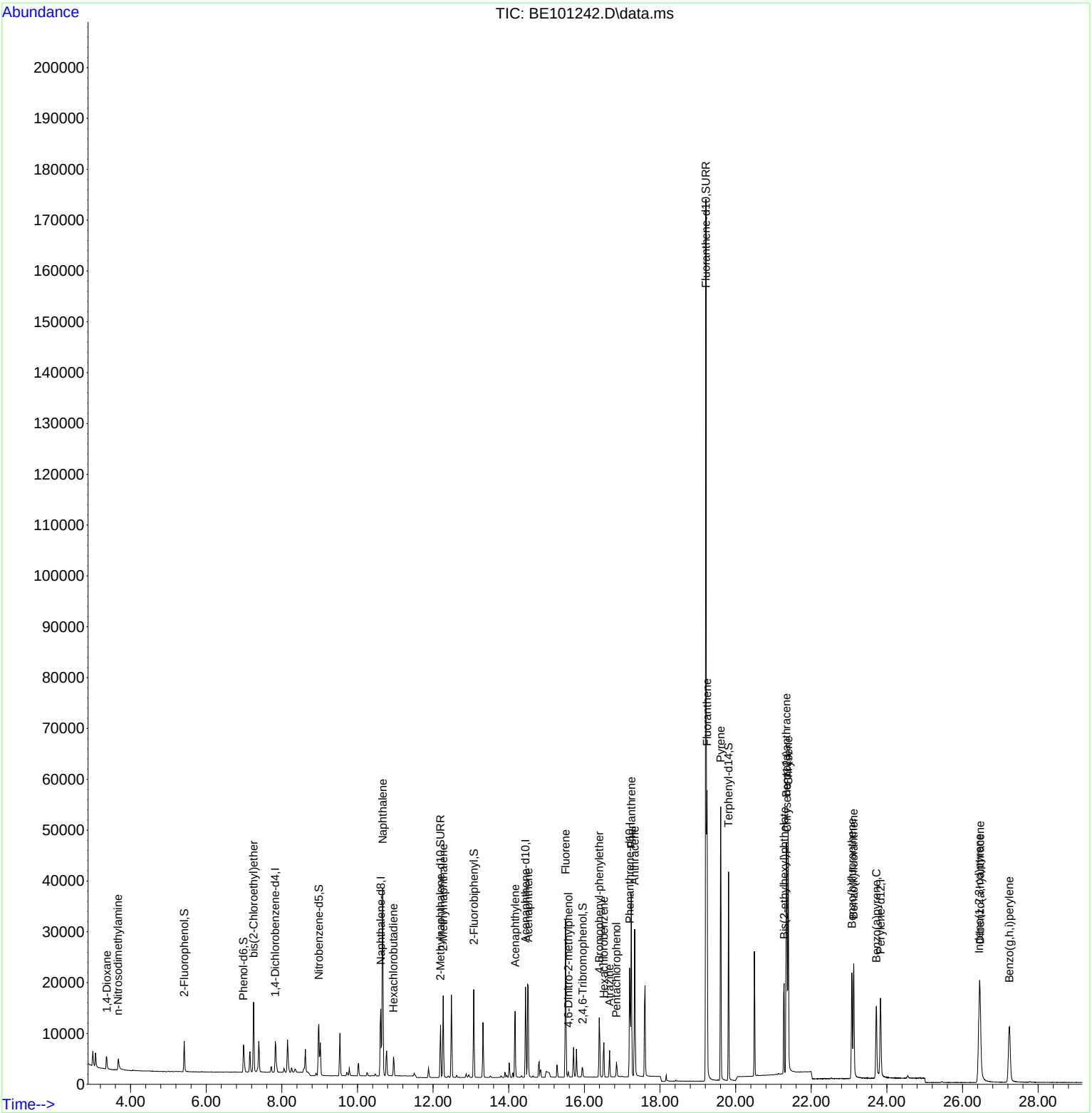
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

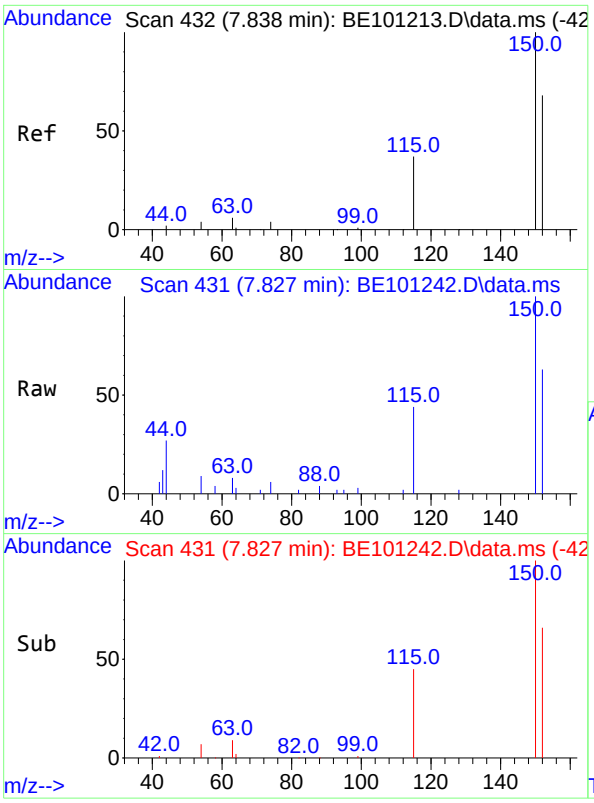
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101242.D
Acq On : 8 Apr 2021 11:19
Operator : CG/JU
Sample : PB135597BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB135597BS

Quant Time: Apr 08 12:20:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration



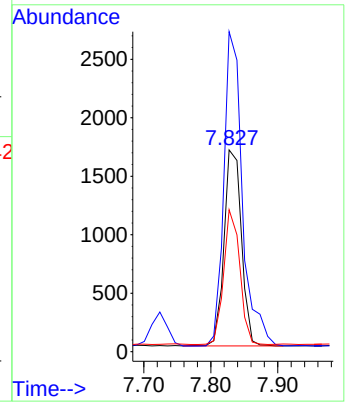
Instrument :
BNA_E
ClientSampleId :
PB135597BS

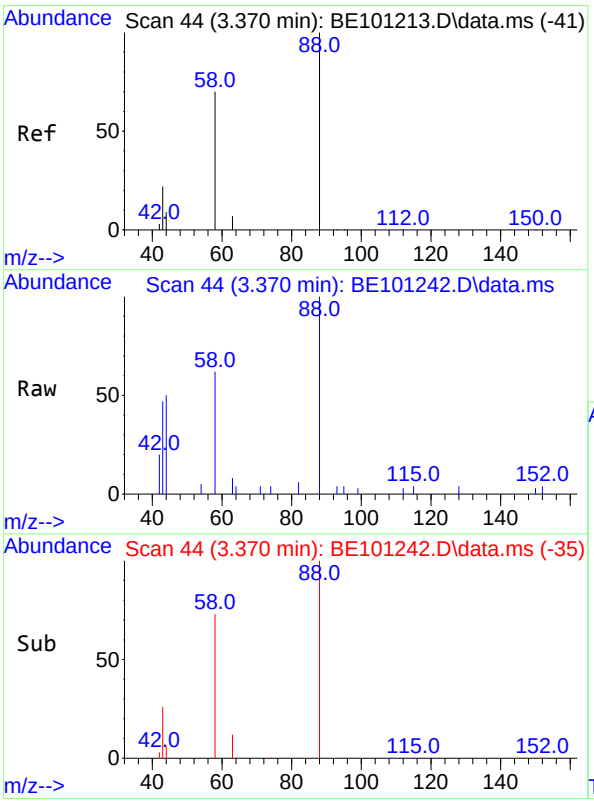


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.827 min Scan# 431
Delta R.T. -0.003 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:152 Resp: 3009

Ion	Ratio	Lower	Upper
152	100		
150	158.6	116.9	175.3
115	70.3	44.5	66.7#

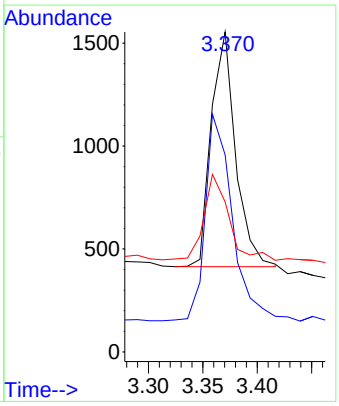




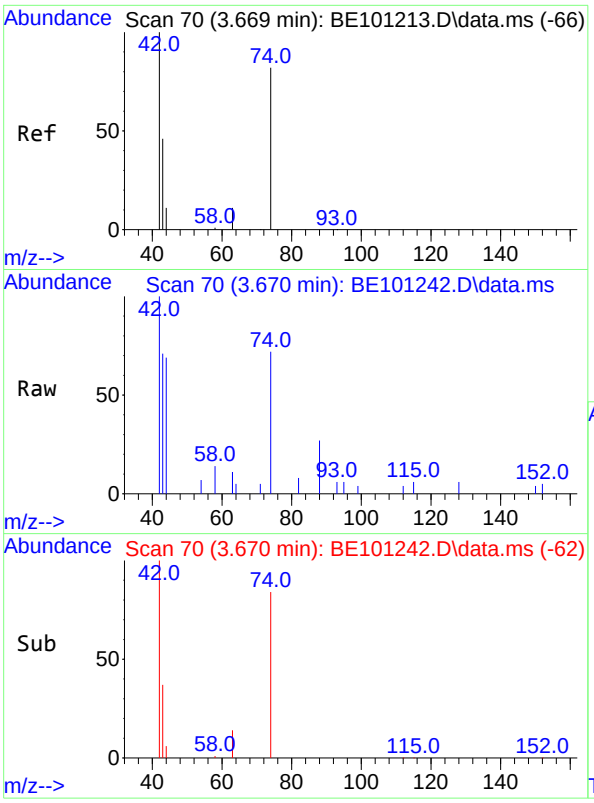
#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.370 min Scan# 44
Delta R.T. 0.009 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion: 88 Resp: 1770

Ion	Ratio	Lower	Upper
88	100		
58	97.1	73.6	110.4
43	37.2	27.6	41.4



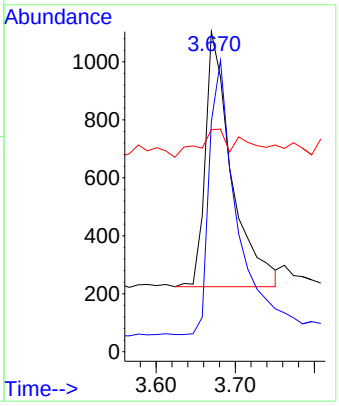
Instrument :
BNA_E
ClientSampleId :
PB135597BS

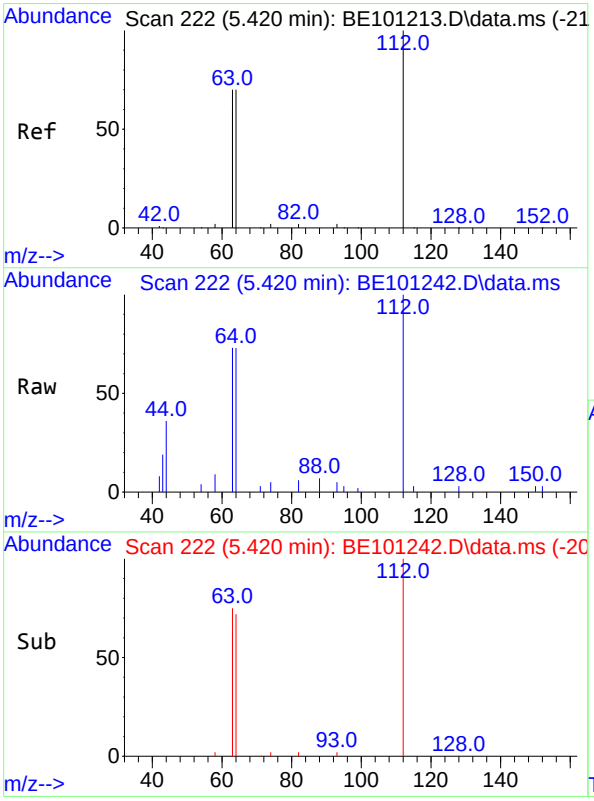


#3
n-Nitrosodimethylamine
Concen: 0.42 ng
RT: 3.670 min Scan# 70
Delta R.T. -0.002 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion: 42 Resp: 2018

Ion	Ratio	Lower	Upper
42	100		
74	111.5	92.7	139.1
44	10.8	10.7	16.1

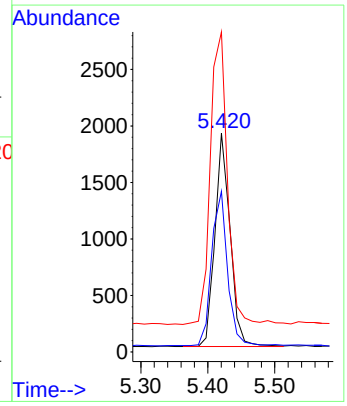




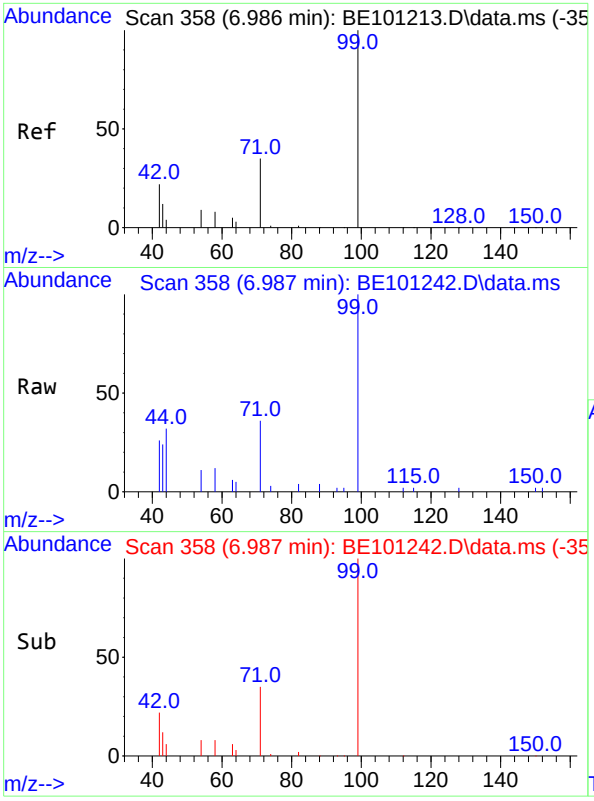
#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.420 min Scan# 222
Delta R.T. -0.002 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:112 Resp: 2980

Ion	Ratio	Lower	Upper
112	100		
64	76.7	62.3	93.5
63	154.2	117.3	175.9



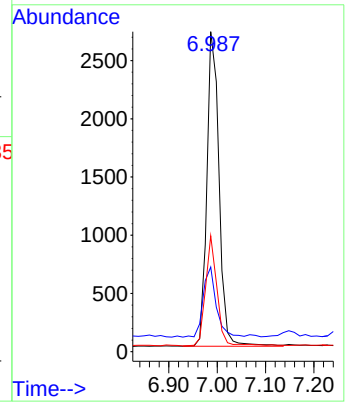
Instrument :
BNA_E
ClientSampleId :
PB135597BS

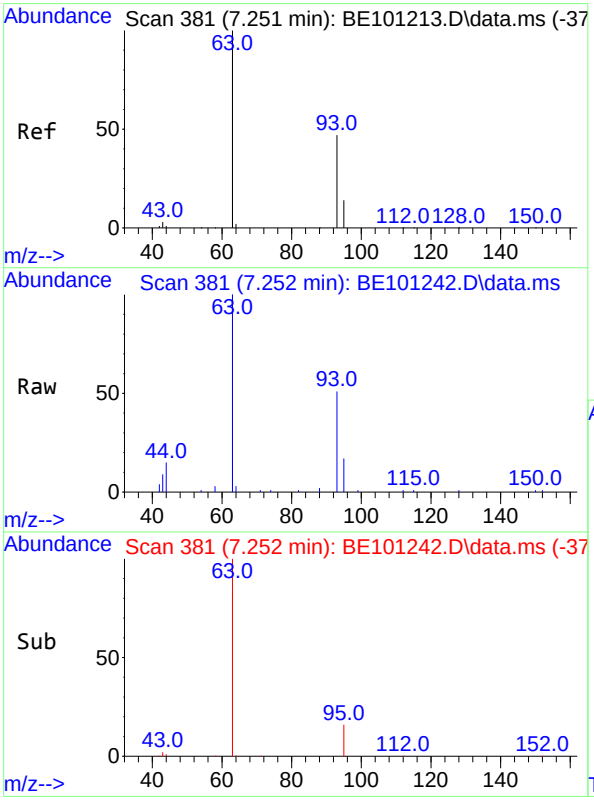


#5
Phenol-d6
Concen: 0.43 ng
RT: 6.987 min Scan# 358
Delta R.T. -0.002 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion: 99 Resp: 4750

Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.5	27.7
71	33.2	26.5	39.7

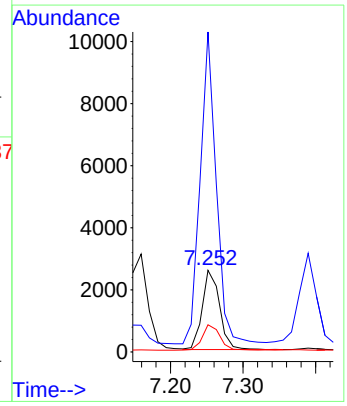




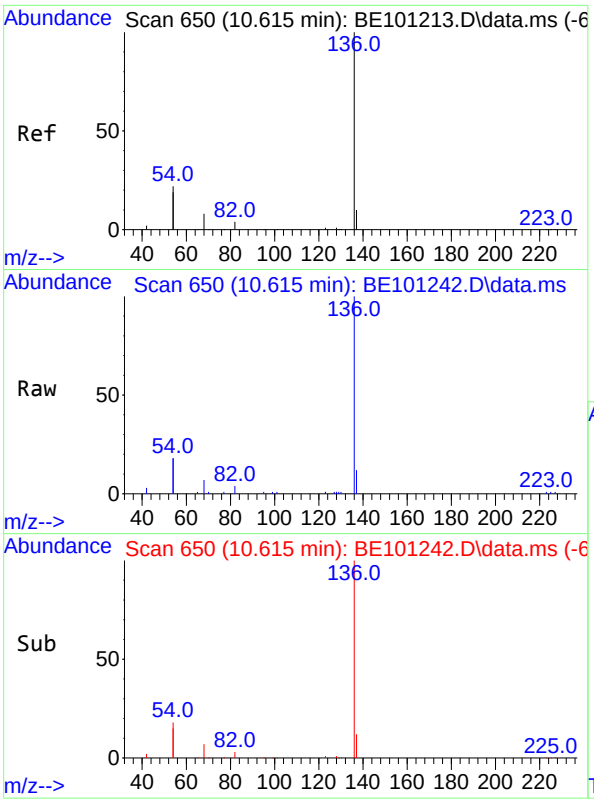
#6
bis(2-Chloroethyl)ether
Concen: 0.41 ng
RT: 7.252 min Scan# 381
Delta R.T. -0.002 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion: 93 Resp: 4239

Ion	Ratio	Lower	Upper
93	100		
63	365.4	292.5	438.7
95	32.7	25.7	38.5



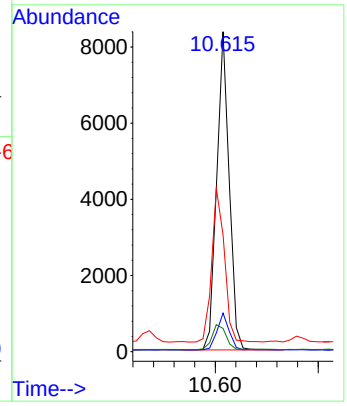
Instrument :
BNA_E
ClientSampleId :
PB135597BS

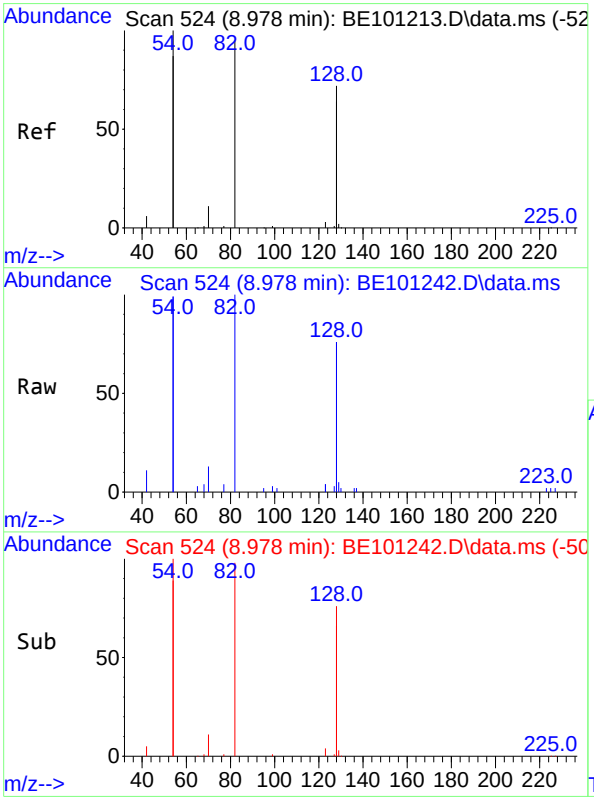


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.001 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:136 Resp: 13982

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.6	13.0
54	36.5	34.7	52.1
68	7.2	7.0	10.4

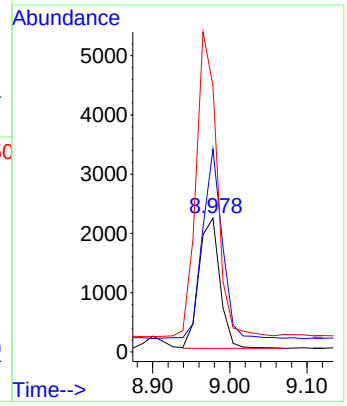




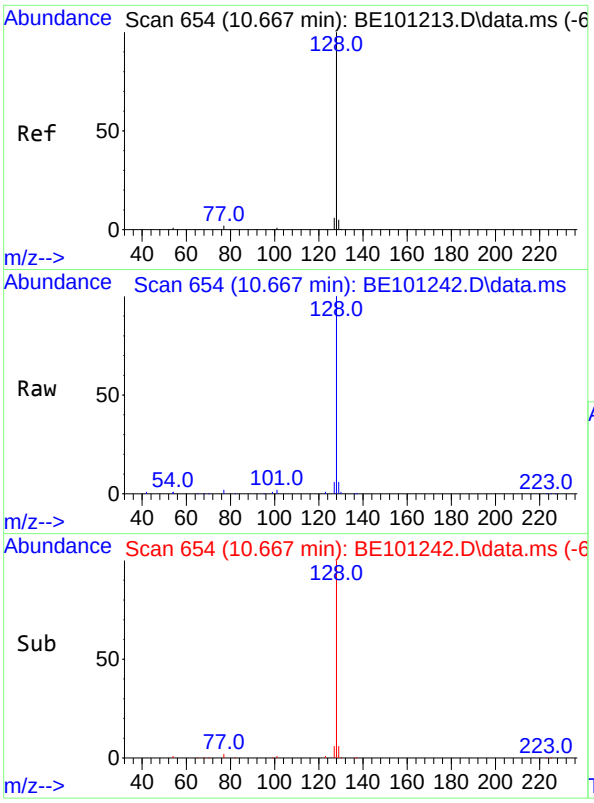
#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.001 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion: 82 Resp: 4168

Ion	Ratio	Lower	Upper
82	100		
128	151.6	118.7	178.1
54	198.9	164.4	246.6



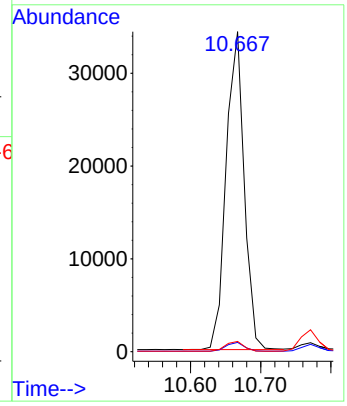
Instrument :
BNA_E
ClientSampleId :
PB135597BS

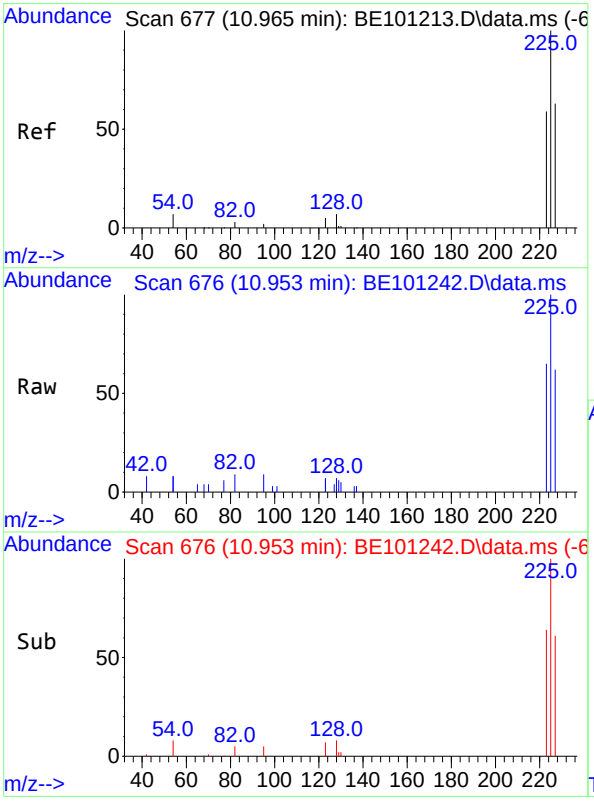


#9
Naphthalene
Concen: 0.40 ng
RT: 10.667 min Scan# 654
Delta R.T. 0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:128 Resp: 61047

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.2	2.6	3.8

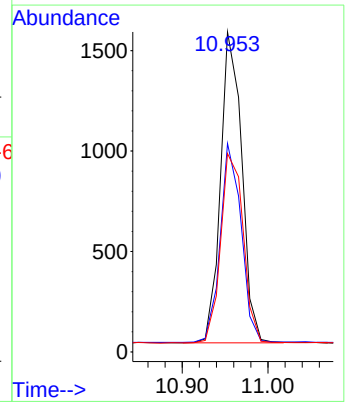




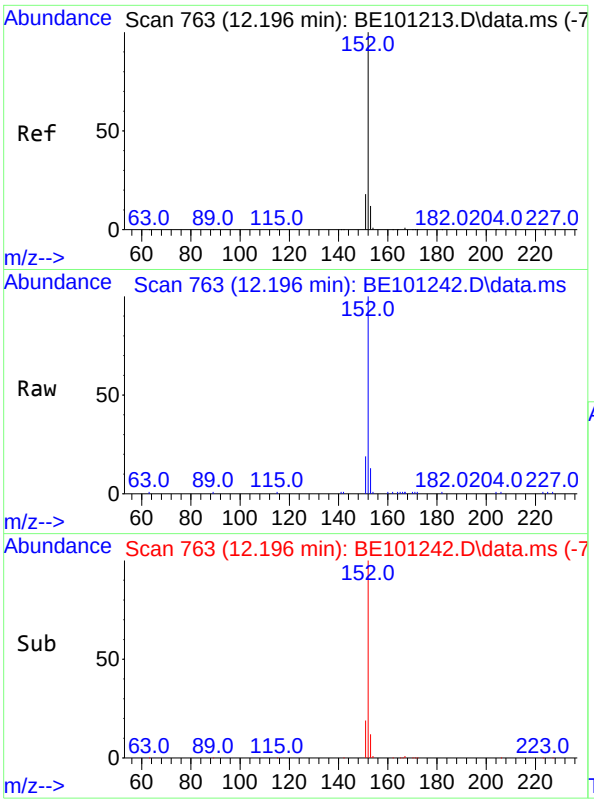
#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.953 min Scan# 676
Delta R.T. -0.012 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:225 Resp: 2673

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	64.5	50.1	75.1



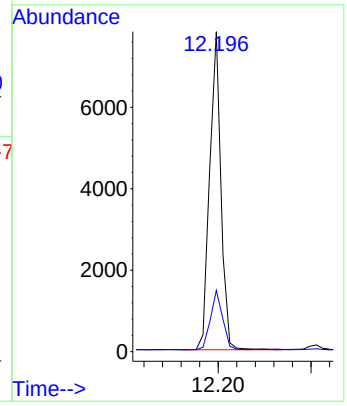
Instrument :
BNA_E
ClientSampleId :
PB135597BS

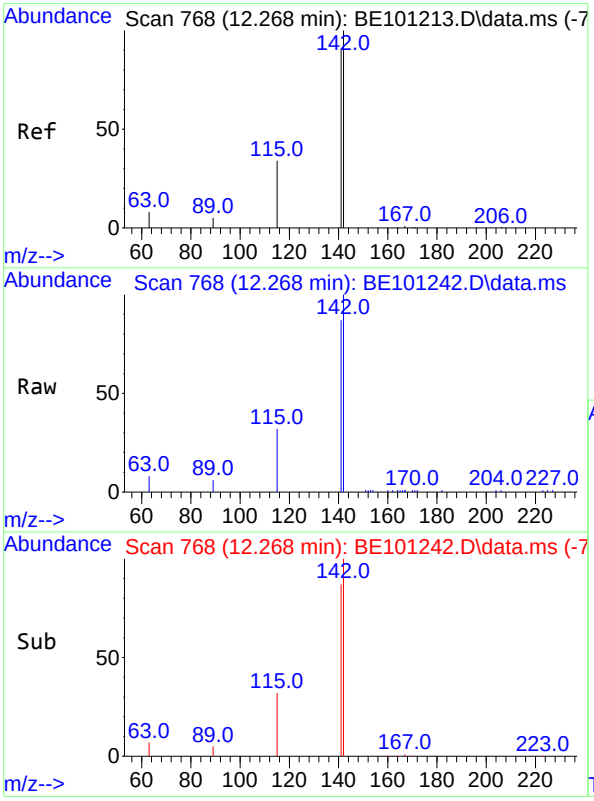


#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.196 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:152 Resp: 13155

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.5	24.7

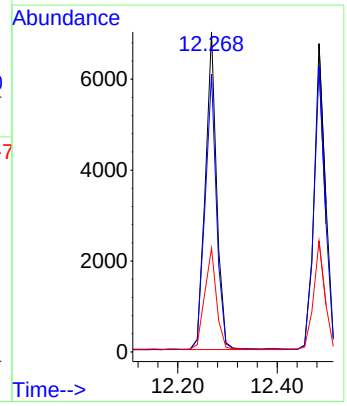


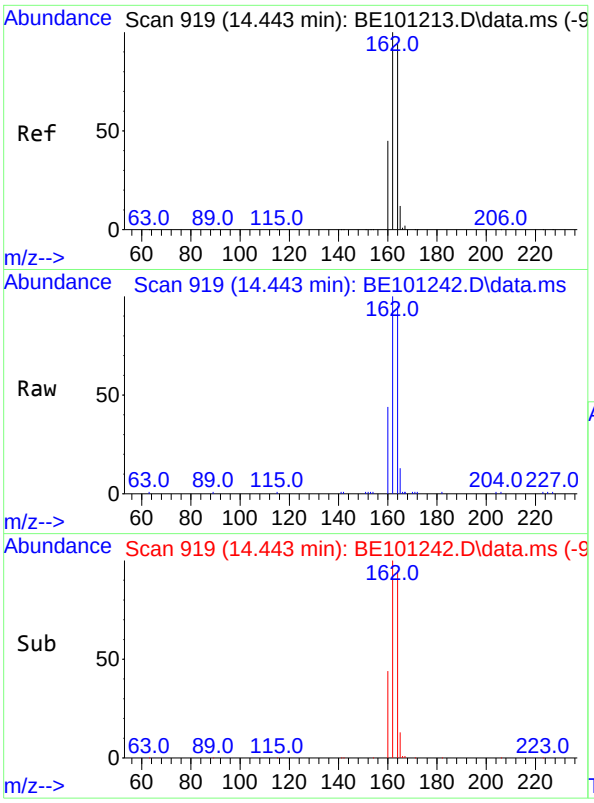


#12
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.268 min Scan# 768
Delta R.T. -0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:142 Resp: 11092

Ion	Ratio	Lower	Upper
142	100		
141	86.8	73.0	109.6
115	32.5	27.8	41.8

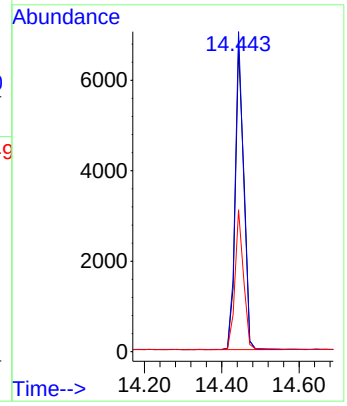




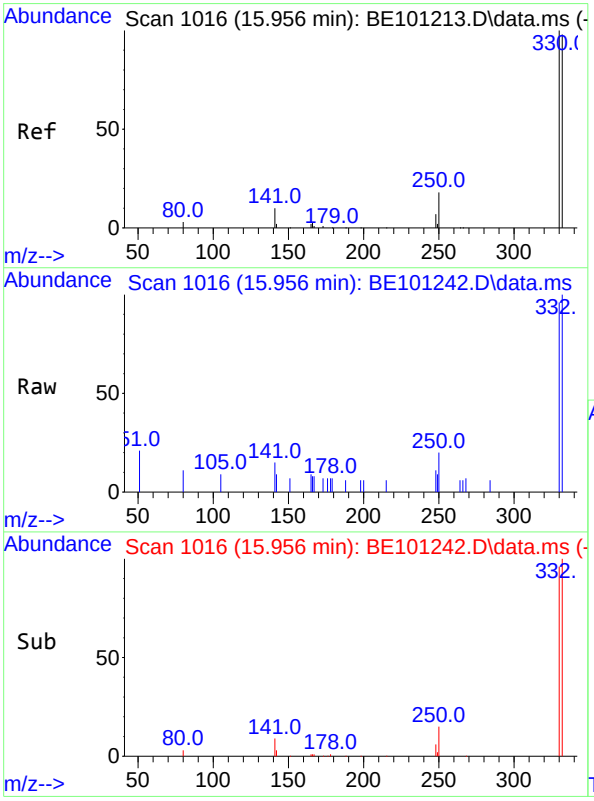
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. -0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:164 Resp: 10431

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.3	127.9
160	46.6	39.1	58.7



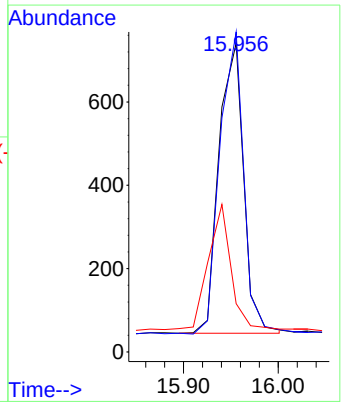
Instrument :
BNA_E
ClientSampleId :
PB135597BS



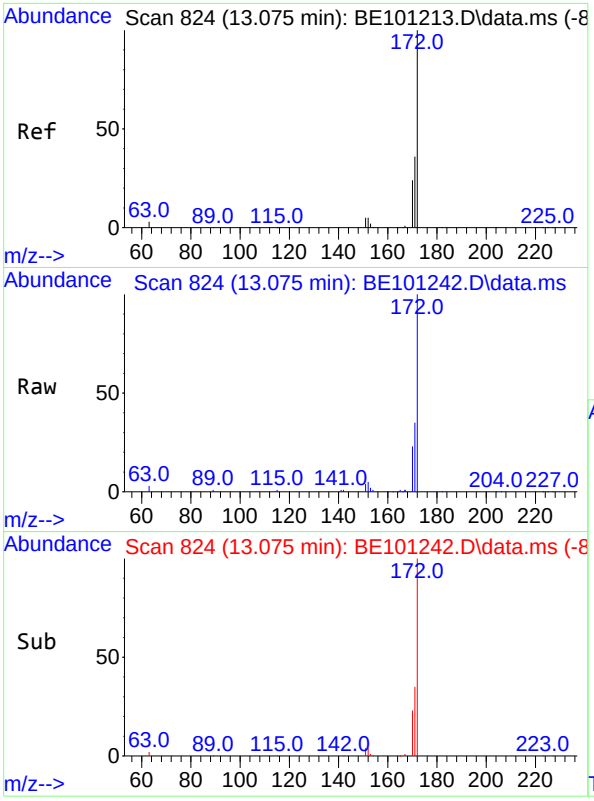
#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:330 Resp: 1258

Ion	Ratio	Lower	Upper
330	100		
332	100.4	77.8	116.6
141	39.2	30.4	45.6



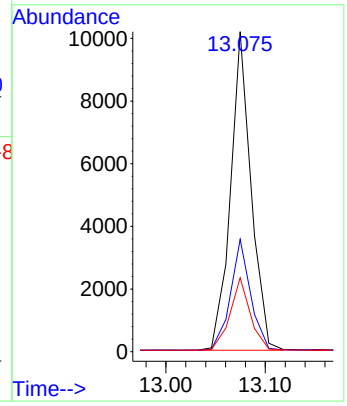
Instrument :
BNA_E
ClientSampleId :
PB135597BS

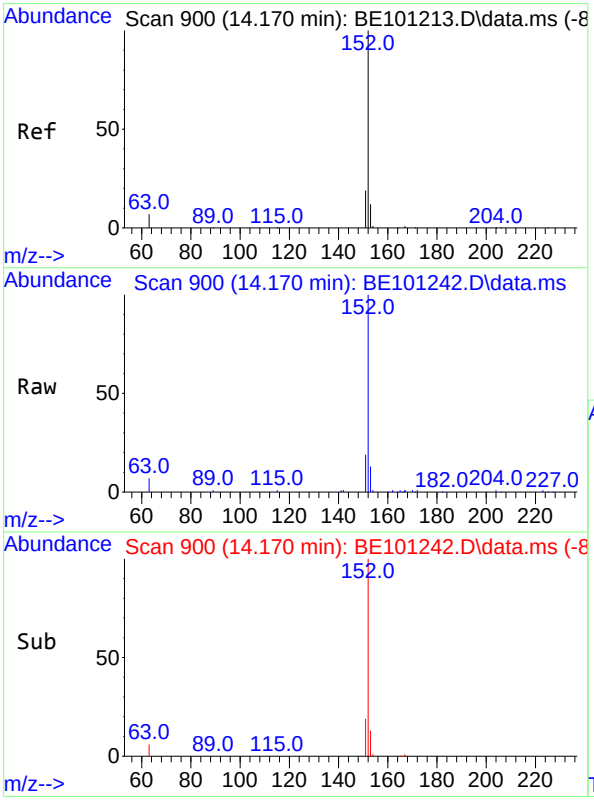


#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.075 min Scan# 824
Delta R.T. -0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:172 Resp: 14597

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.1	19.3	28.9

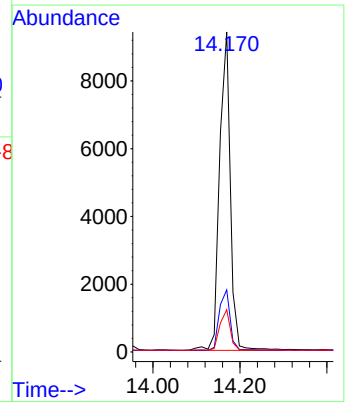


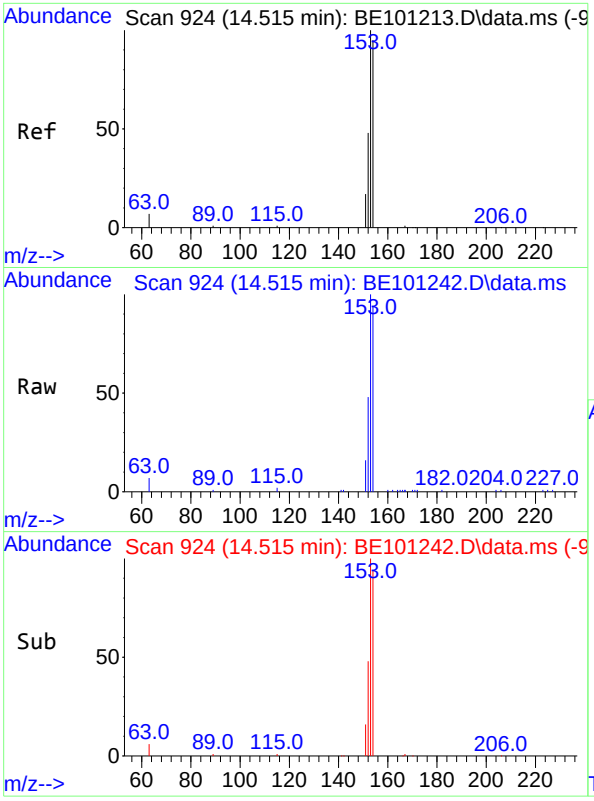


#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.170 min Scan# 900
Delta R.T. -0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:152 Resp: 16142

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.7	10.0	15.0

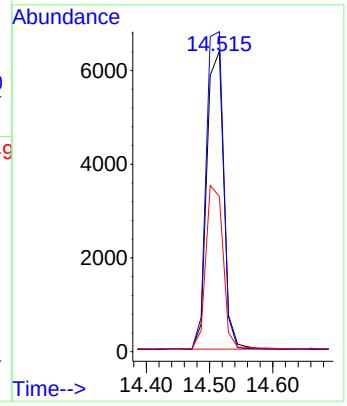




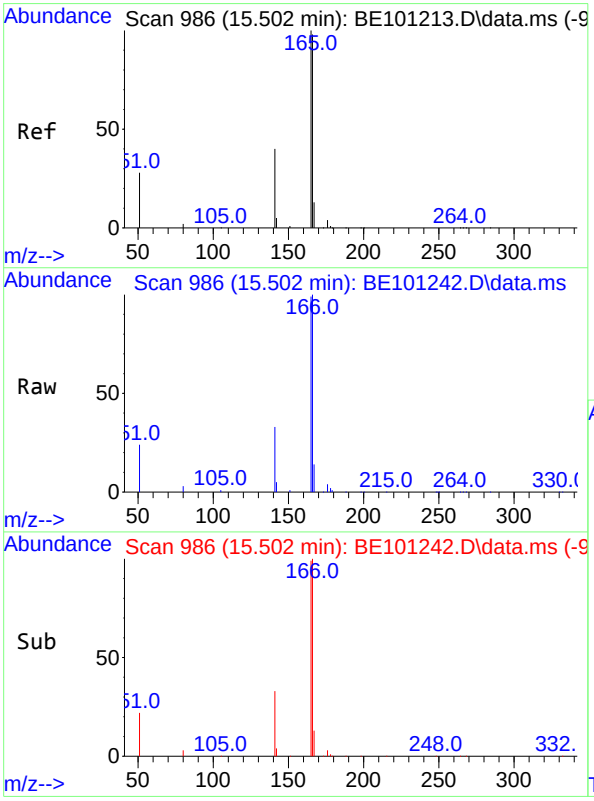
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.515 min Scan# 924
Delta R.T. -0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:154 Resp: 11802

Ion	Ratio	Lower	Upper
154	100		
153	108.9	84.9	127.3
152	55.7	42.7	64.1



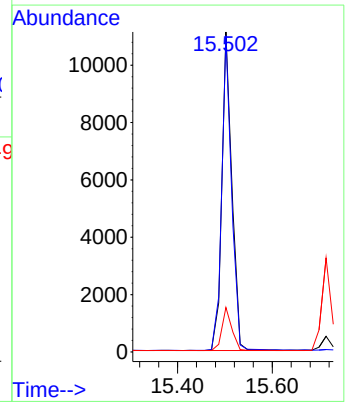
Instrument :
BNA_E
ClientSampleId :
PB135597BS



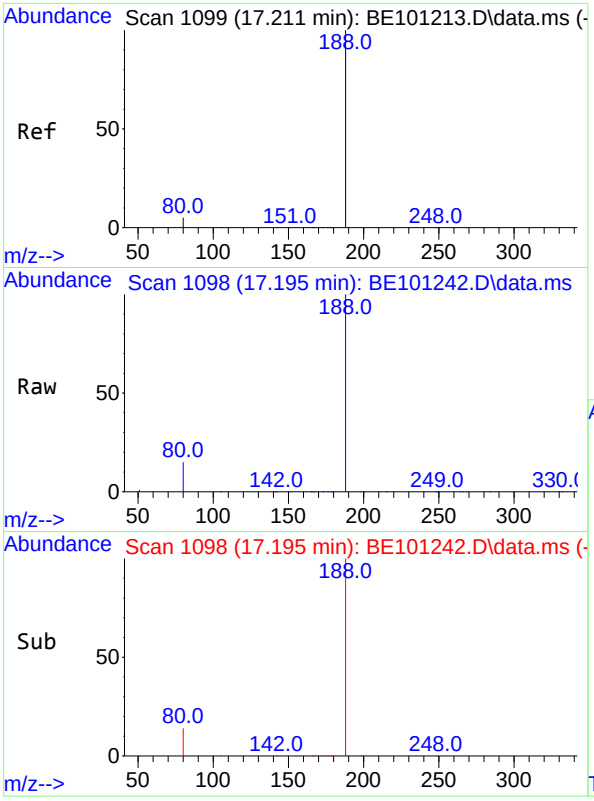
#18
Fluorene
Concen: 0.40 ng
RT: 15.502 min Scan# 986
Delta R.T. 0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:166 Resp: 16368

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.0	118.4
167	13.5	11.0	16.4



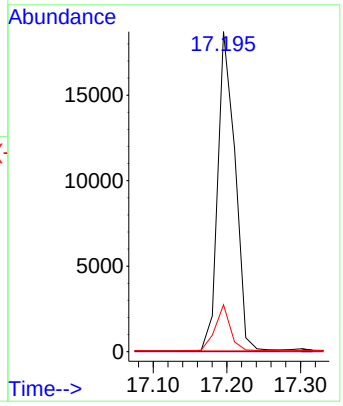
Instrument :
BNA_E
ClientSampleId :
PB135597BS

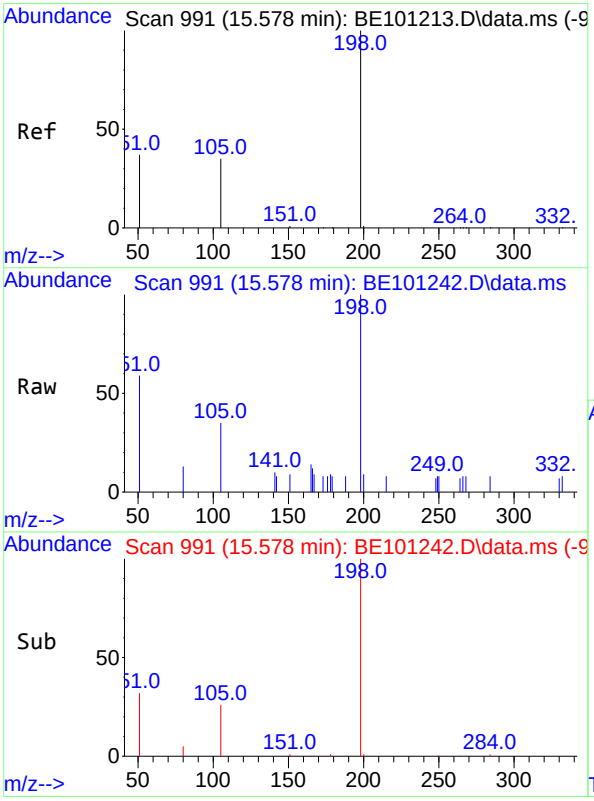


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.195 min Scan# 1098
Delta R.T. -0.015 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:188 Resp: 30478

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	4.6	6.8#

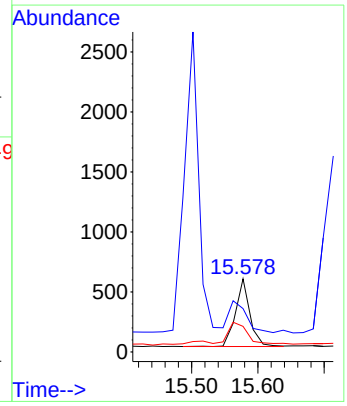




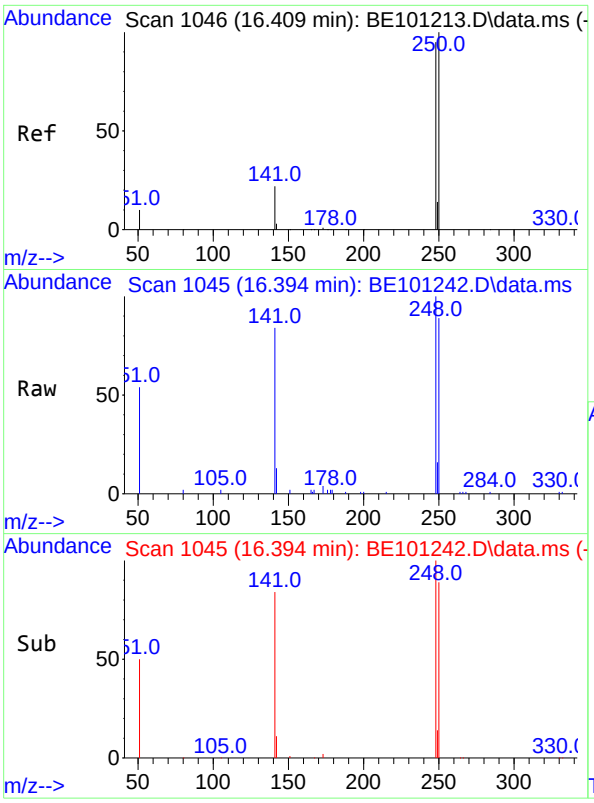
#20
4,6-Dinitro-2-methylphenol
Concen: 0.32 ng
RT: 15.578 min Scan# 991
Delta R.T. 0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:198 Resp: 848

Ion	Ratio	Lower	Upper
198	100		
51	59.2	55.9	83.9
105	34.9	33.6	50.4



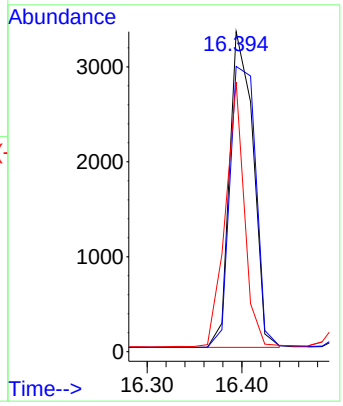
Instrument :
BNA_E
ClientSampleId :
PB135597BS

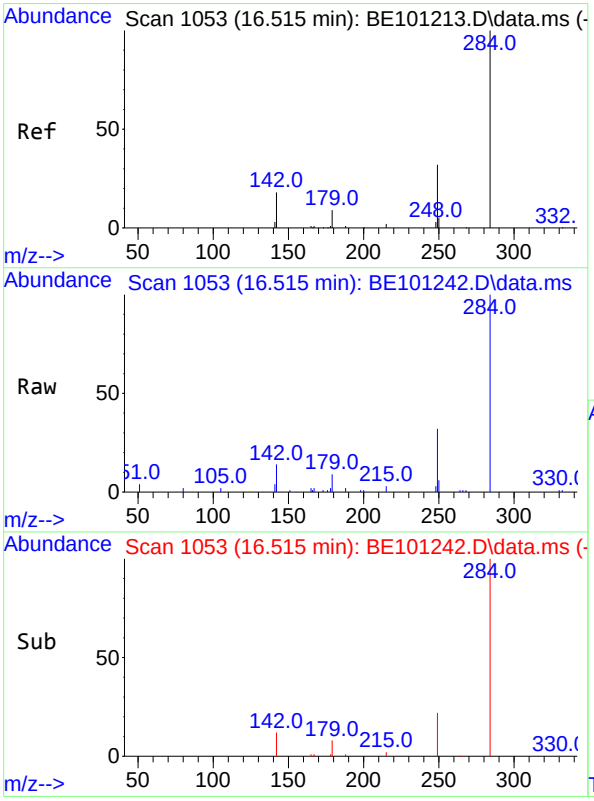


#21
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.394 min Scan# 1045
Delta R.T. -0.015 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:248 Resp: 5741

Ion	Ratio	Lower	Upper
248	100		
250	89.1	84.5	126.7
141	84.2	19.8	29.8#

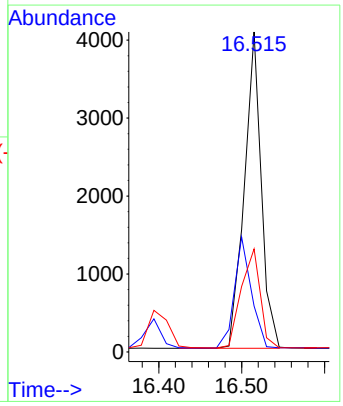




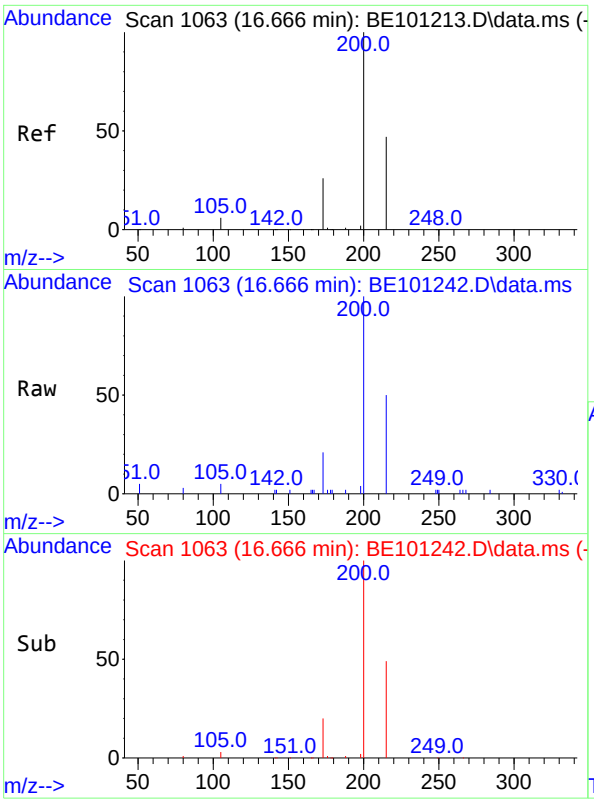
#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.515 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:284 Resp: 5768

Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.4	41.0
249	35.0	26.5	39.7



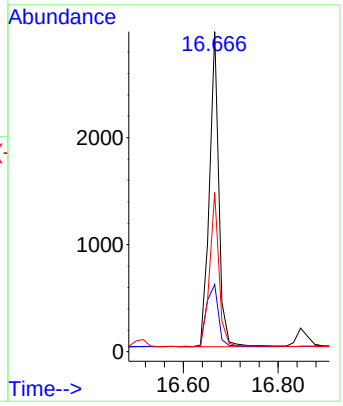
Instrument :
BNA_E
ClientSampleId :
PB135597BS

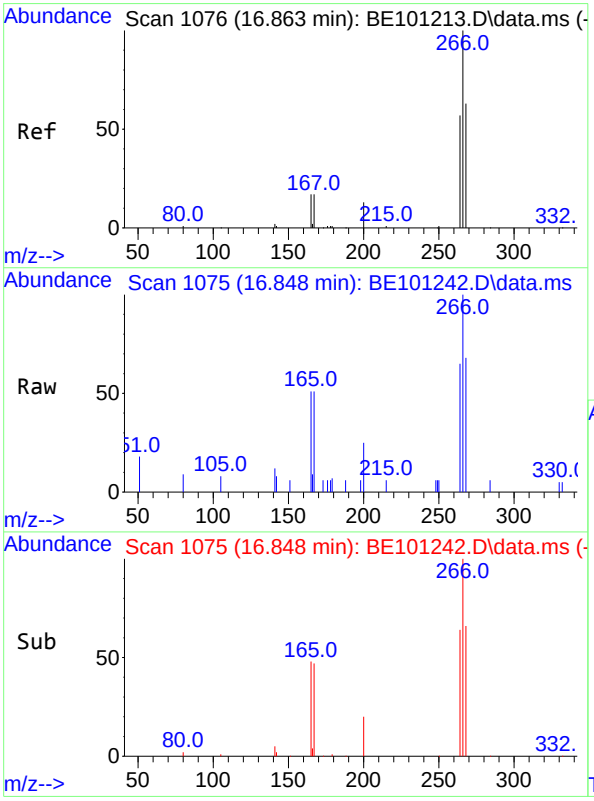


#23
Atrazine
Concen: 0.39 ng
RT: 16.666 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:200 Resp: 4044

Ion	Ratio	Lower	Upper
200	100		
173	21.0	21.9	32.9#
215	49.8	38.6	57.8

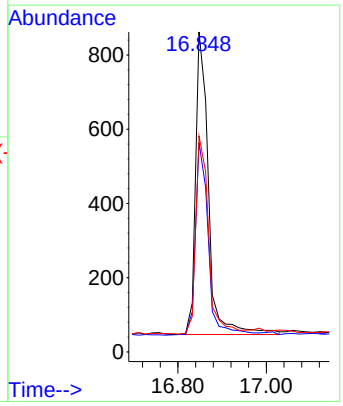




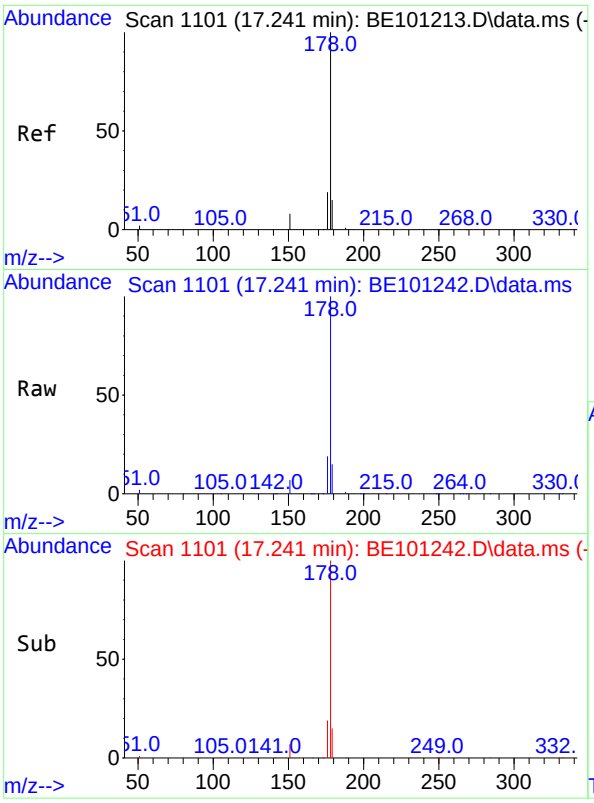
#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.848 min Scan# 1075
Delta R.T. -0.015 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:266 Resp: 1654

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.1	73.7
268	65.5	50.6	76.0



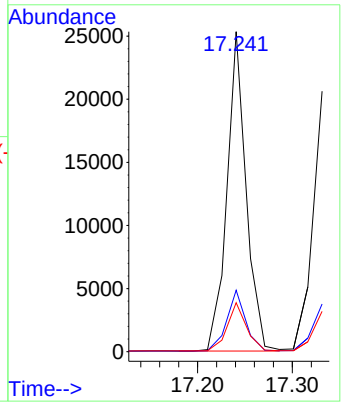
Instrument :
BNA_E
ClientSampleId :
PB135597BS

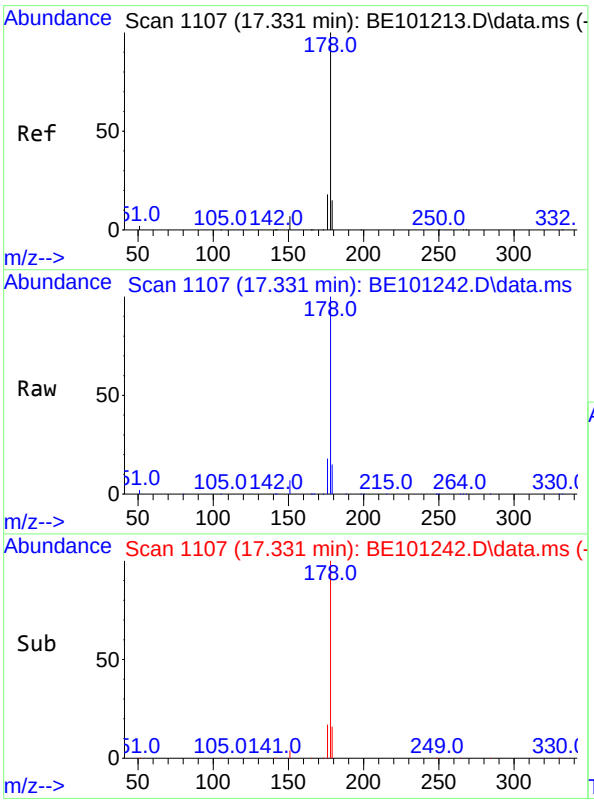


#25
Phenanthrene
Concen: 0.39 ng
RT: 17.241 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:178 Resp: 35568

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.2	18.4

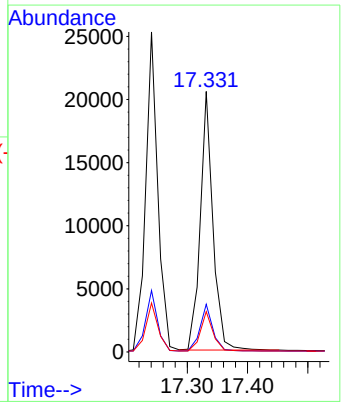




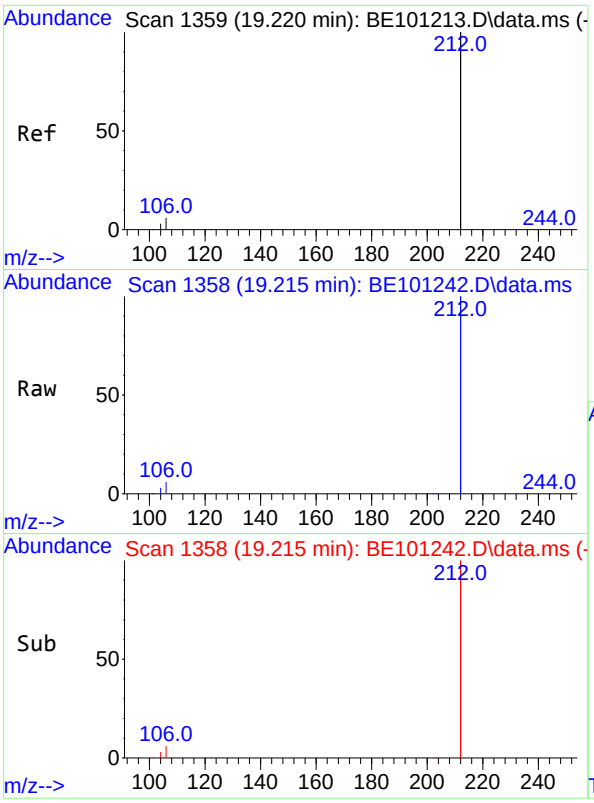
#26
Anthracene
Concen: 0.39 ng
RT: 17.331 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:178 Resp: 29825

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.4	21.6
179	15.1	11.8	17.8



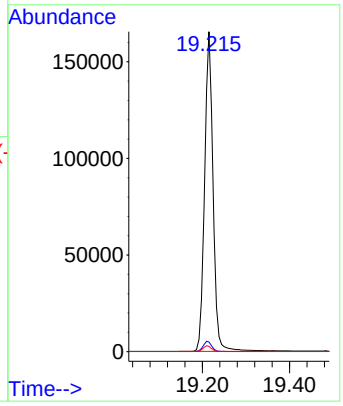
Instrument :
BNA_E
ClientSampleId :
PB135597BS

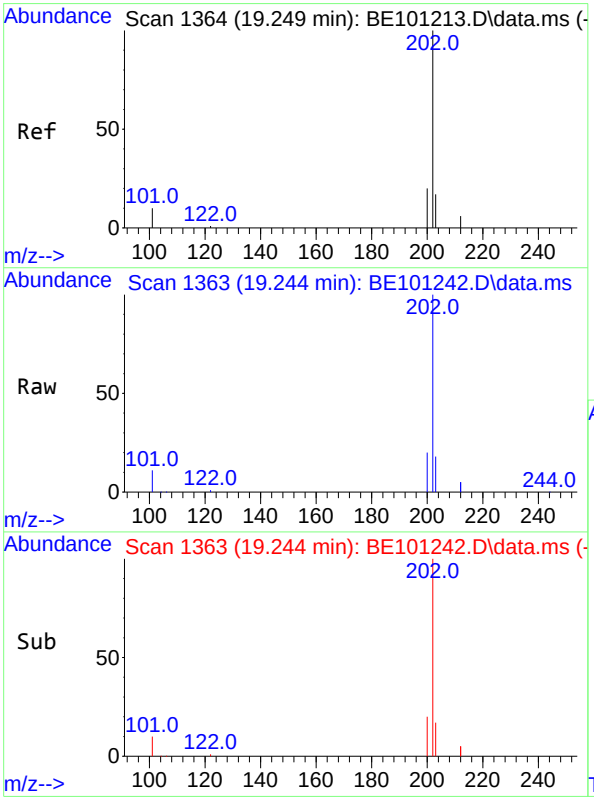


#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.215 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:212 Resp: 221963

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.9	1.4	2.2

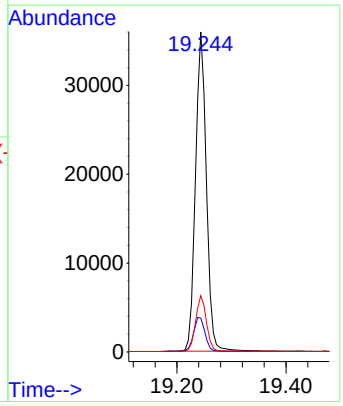




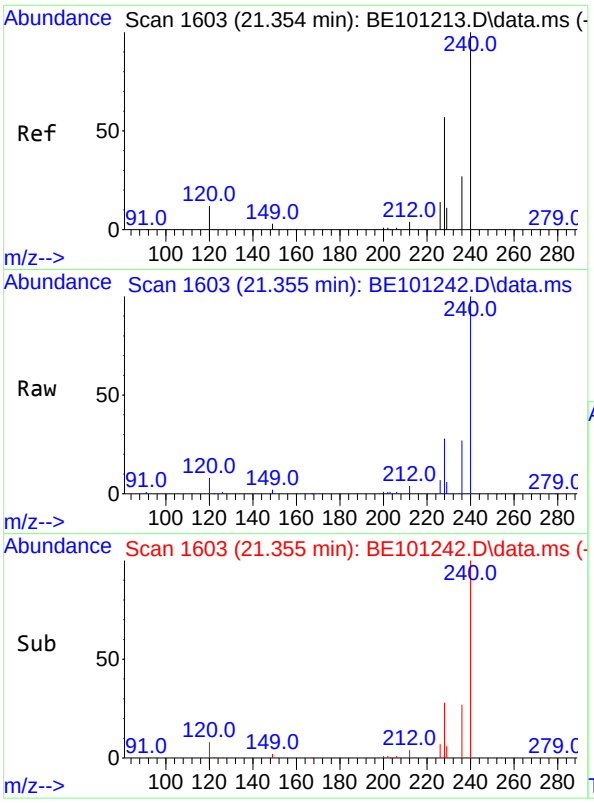
#28
Fluoranthene
Concen: 0.42 ng
RT: 19.244 min Scan# 1363
Delta R.T. 0.001 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:202 Resp: 49819

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
203	17.1	13.6	20.4



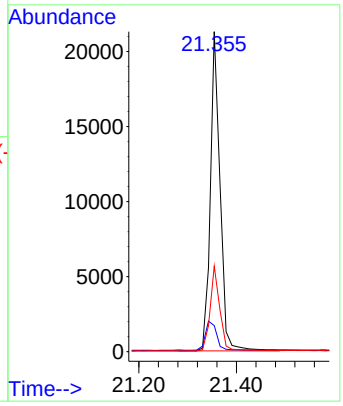
Instrument :
BNA_E
ClientSampleId :
PB135597BS

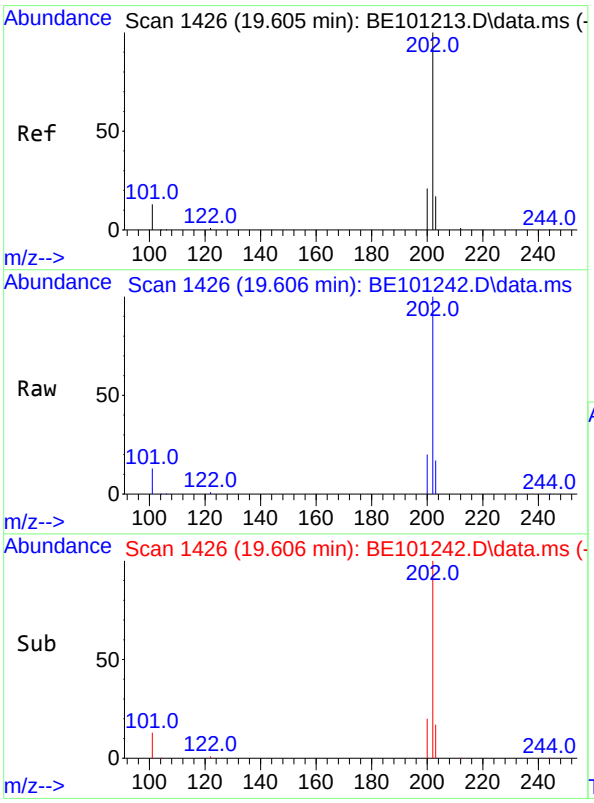


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.355 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:240 Resp: 29450

Ion	Ratio	Lower	Upper
240	100		
120	8.1	10.2	15.4#
236	26.7	21.7	32.5

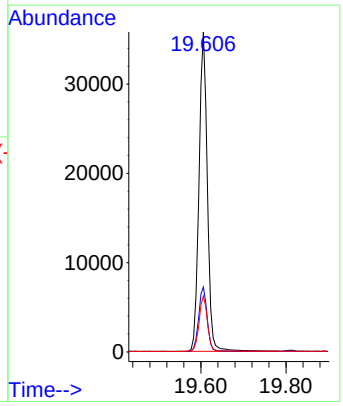




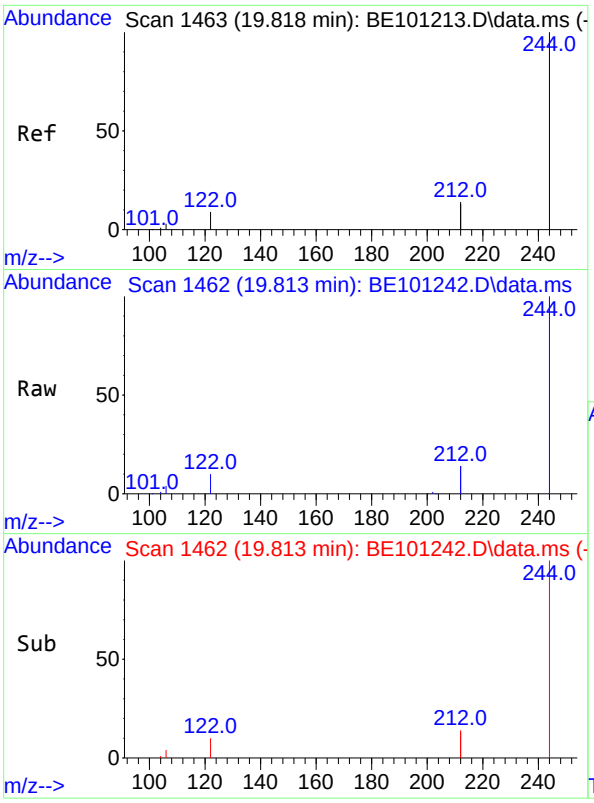
#30
Pyrene
Concen: 0.46 ng
RT: 19.606 min Scan# 1426
Delta R.T. 0.001 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:202 Resp: 48887

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.4	13.8	20.8



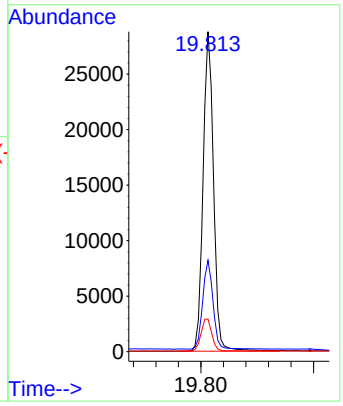
Instrument :
BNA_E
ClientSampleId :
PB135597BS

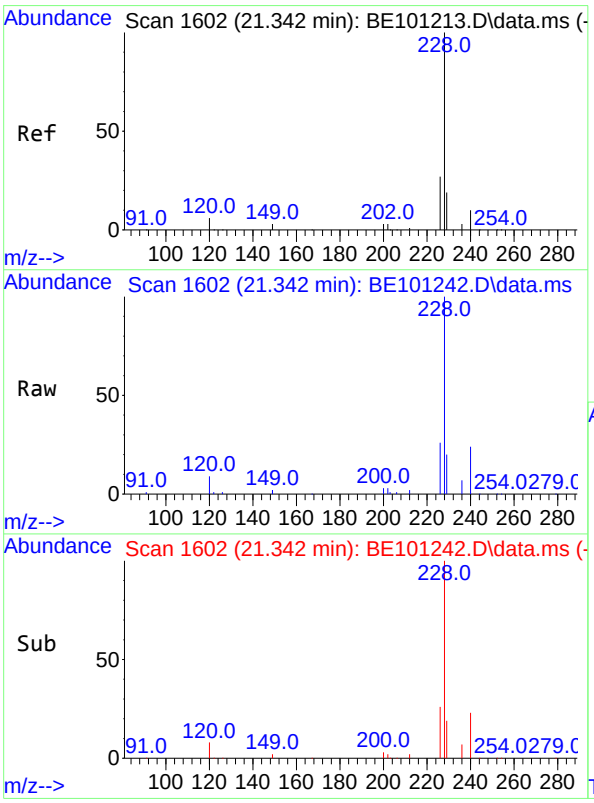


#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.813 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:244 Resp: 37058

Ion	Ratio	Lower	Upper
244	100		
212	28.6	21.9	32.9
122	10.2	7.3	10.9

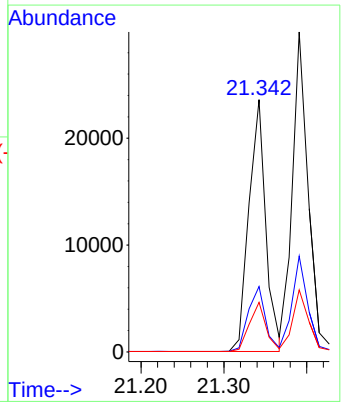




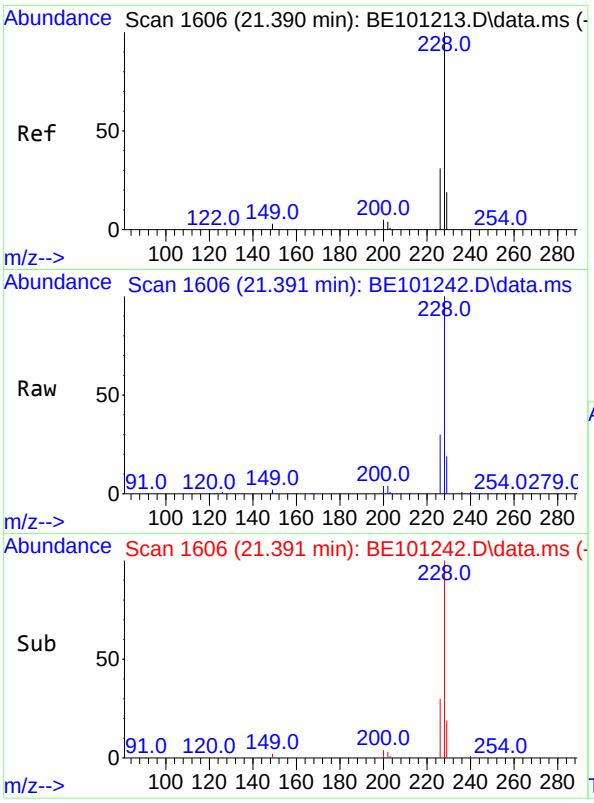
#32
Benzo(a)anthracene
Concen: 0.40 ng
RT: 21.342 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:228 Resp: 33359

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.4	32.2
229	19.7	15.7	23.5



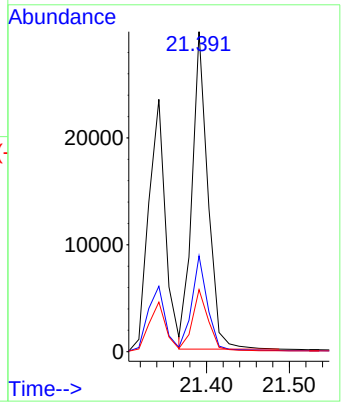
Instrument :
BNA_E
ClientSampleId :
PB135597BS

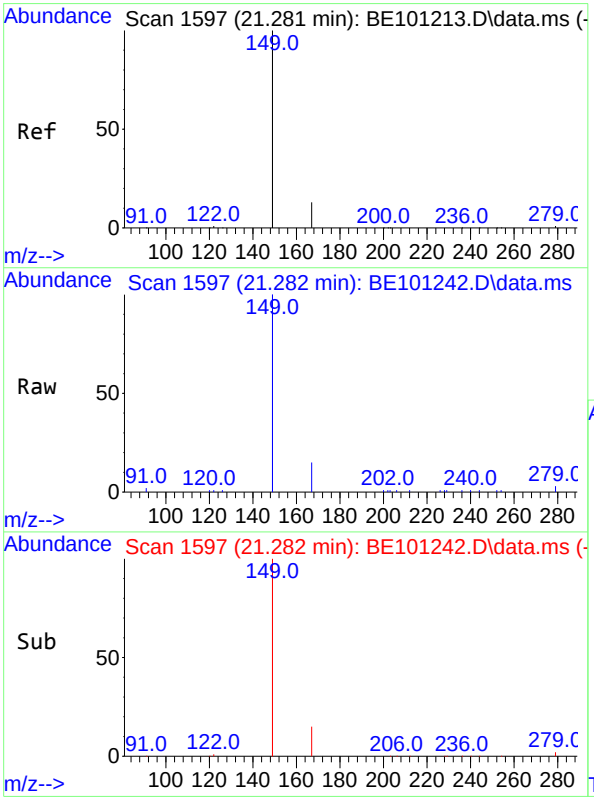


#33
Chrysene
Concen: 0.40 ng
RT: 21.391 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:228 Resp: 39248

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	19.4	15.2	22.8

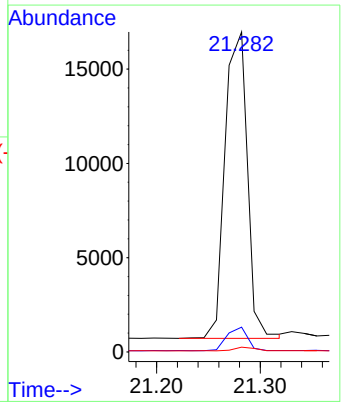




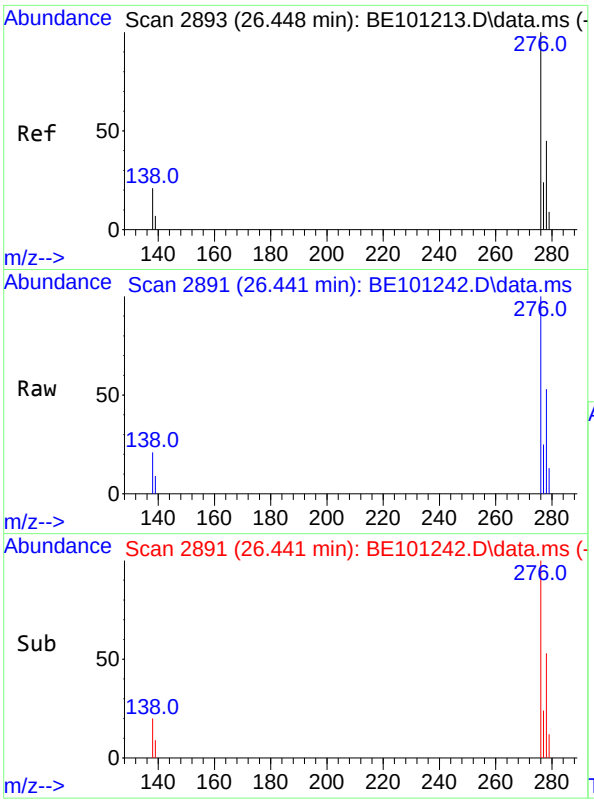
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.41 ng
RT: 21.282 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:149 Resp: 24440

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.5	8.3
279	1.1	1.0	1.4



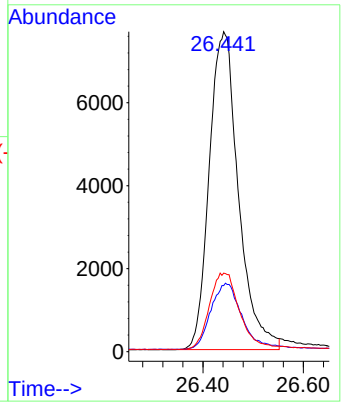
Instrument :
BNA_E
ClientSampleId :
PB135597BS

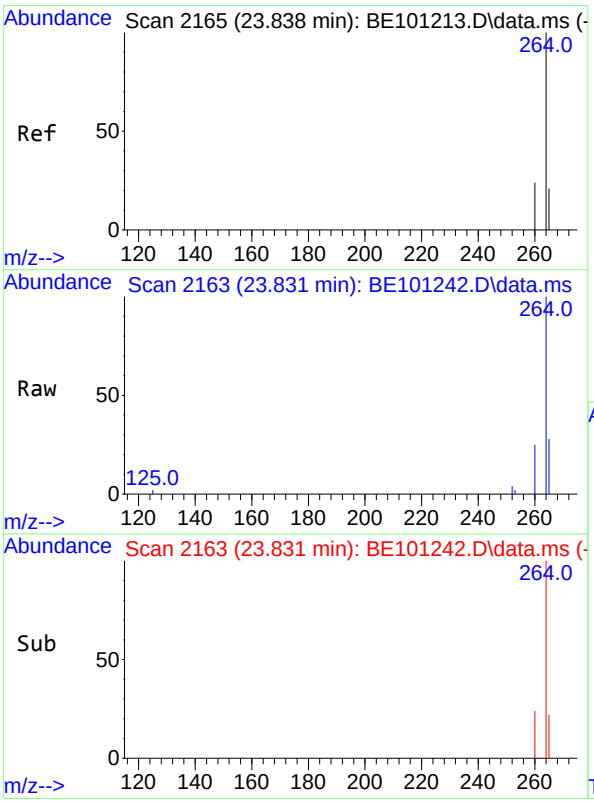


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 26.441 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:276 Resp: 30930

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.4	26.0
277	24.9	19.8	29.8

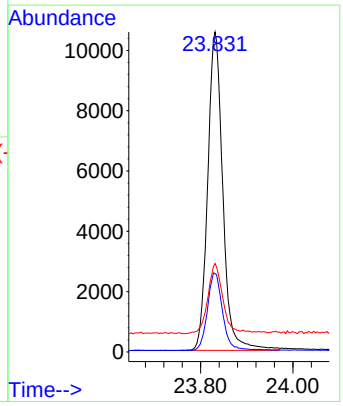




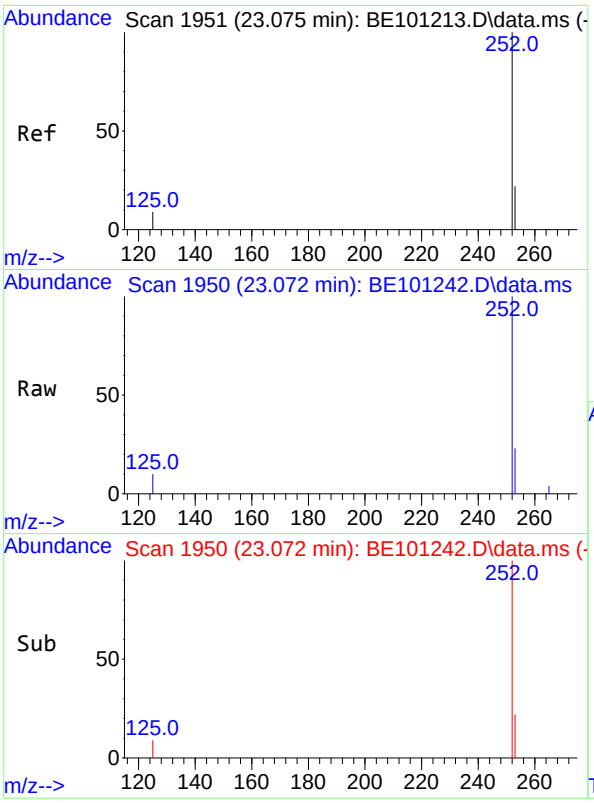
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.831 min Scan# 2163
Delta R.T. -0.003 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:264 Resp: 24056

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	27.7	22.4	33.6



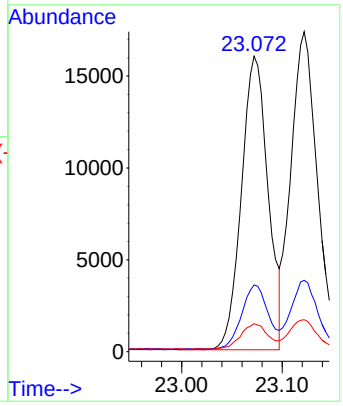
Instrument :
BNA_E
ClientSampleId :
PB135597BS

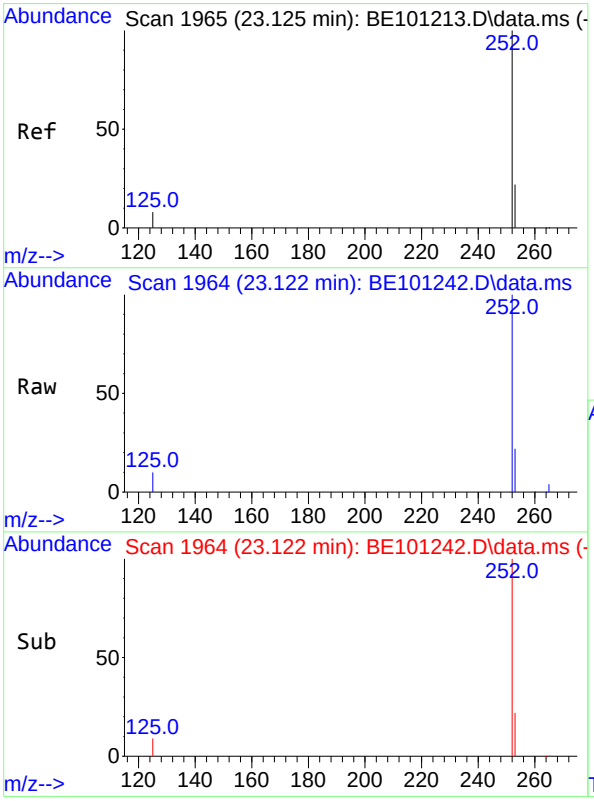


#37
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 23.072 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:252 Resp: 29431

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.5	7.6	11.4

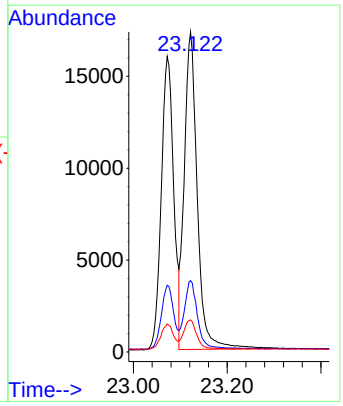




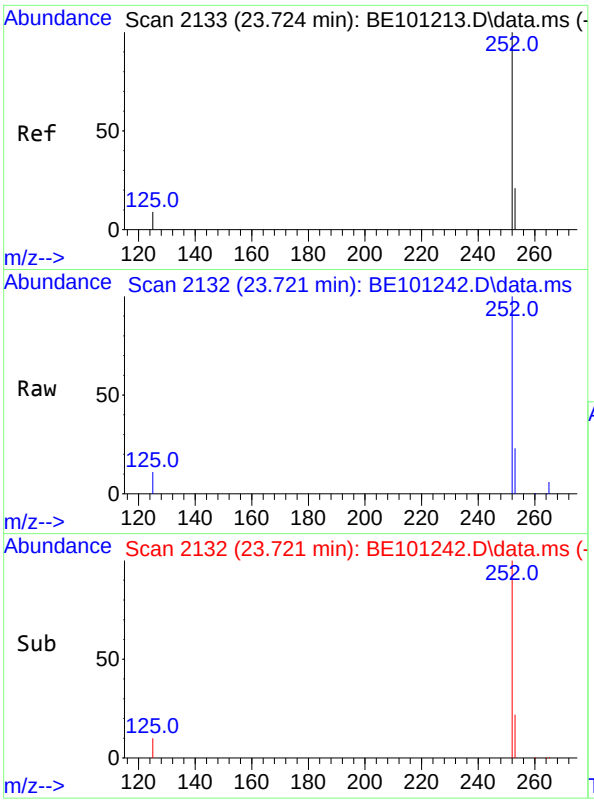
#38
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.122 min Scan# 1964
Delta R.T. -0.003 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:252 Resp: 33198

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.0	7.6	11.4



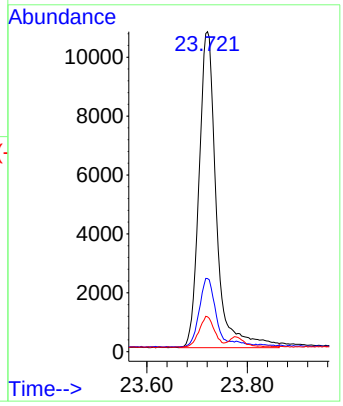
Instrument :
BNA_E
ClientSampleId :
PB135597BS

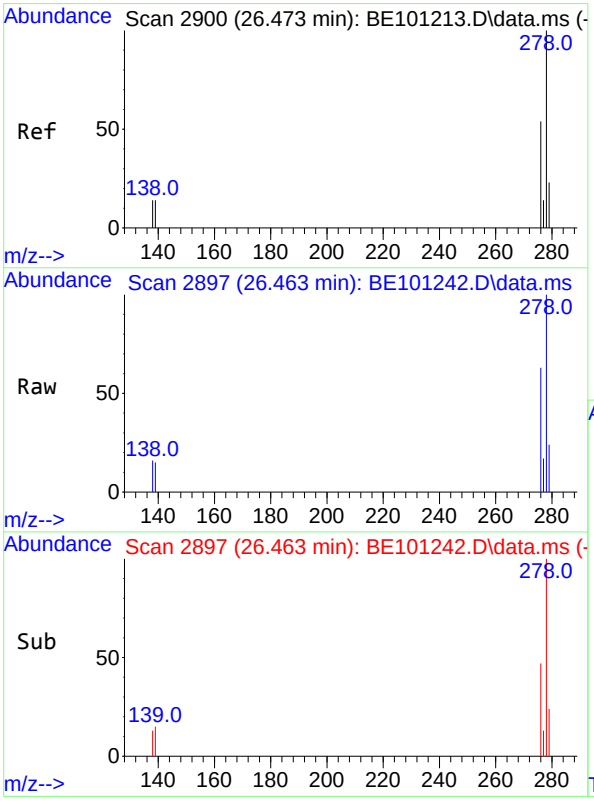


#39
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.721 min Scan# 2132
Delta R.T. -0.003 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:252 Resp: 25776

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.9	8.0	12.0

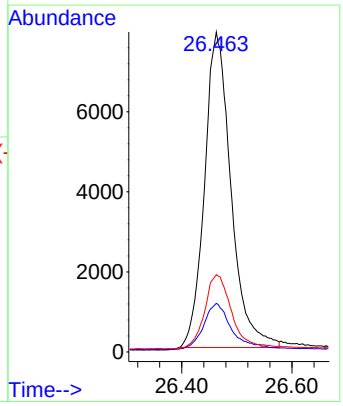


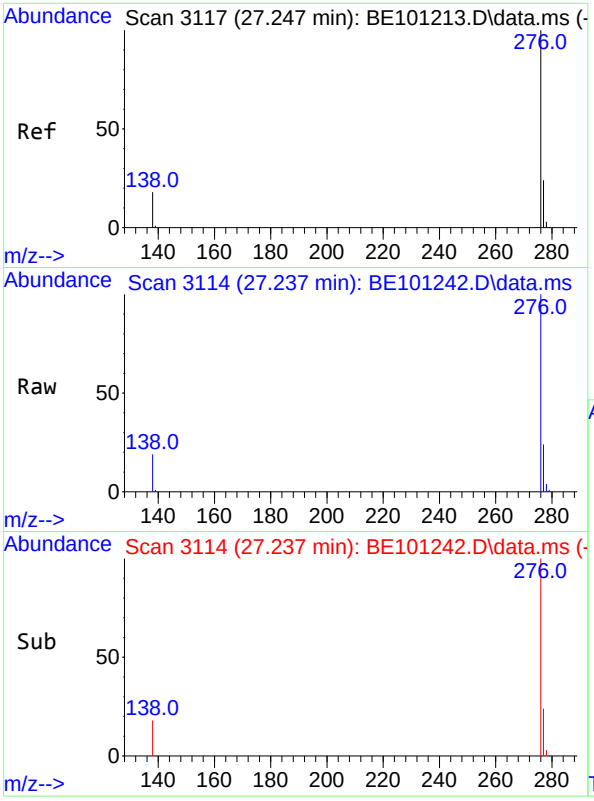


#40
Dibenzo(a,h)anthracene
Concen: 0.40 ng
RT: 26.463 min Scan# 2897
Delta R.T. -0.011 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:278 Resp: 26281

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.2	18.2
279	24.2	19.3	28.9

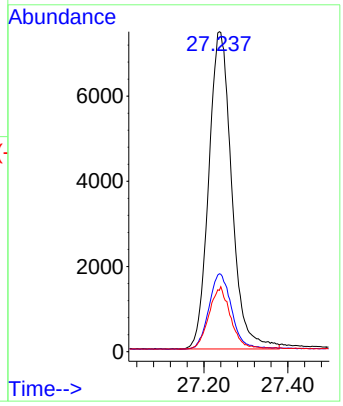




#41
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 27.237 min Scan# 3114
Delta R.T. -0.007 min
Lab File: BE101242.D
Acq: 8 Apr 2021 11:19

Tgt Ion:276 Resp: 28300

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	19.2	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
PB135597BS