Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101258.D
Acq On : 9 Apr 2021 2:41
Operator : CG/JU
Sample : PB135627BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB135627BS

Quant Time: Apr 09 03:25:29 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

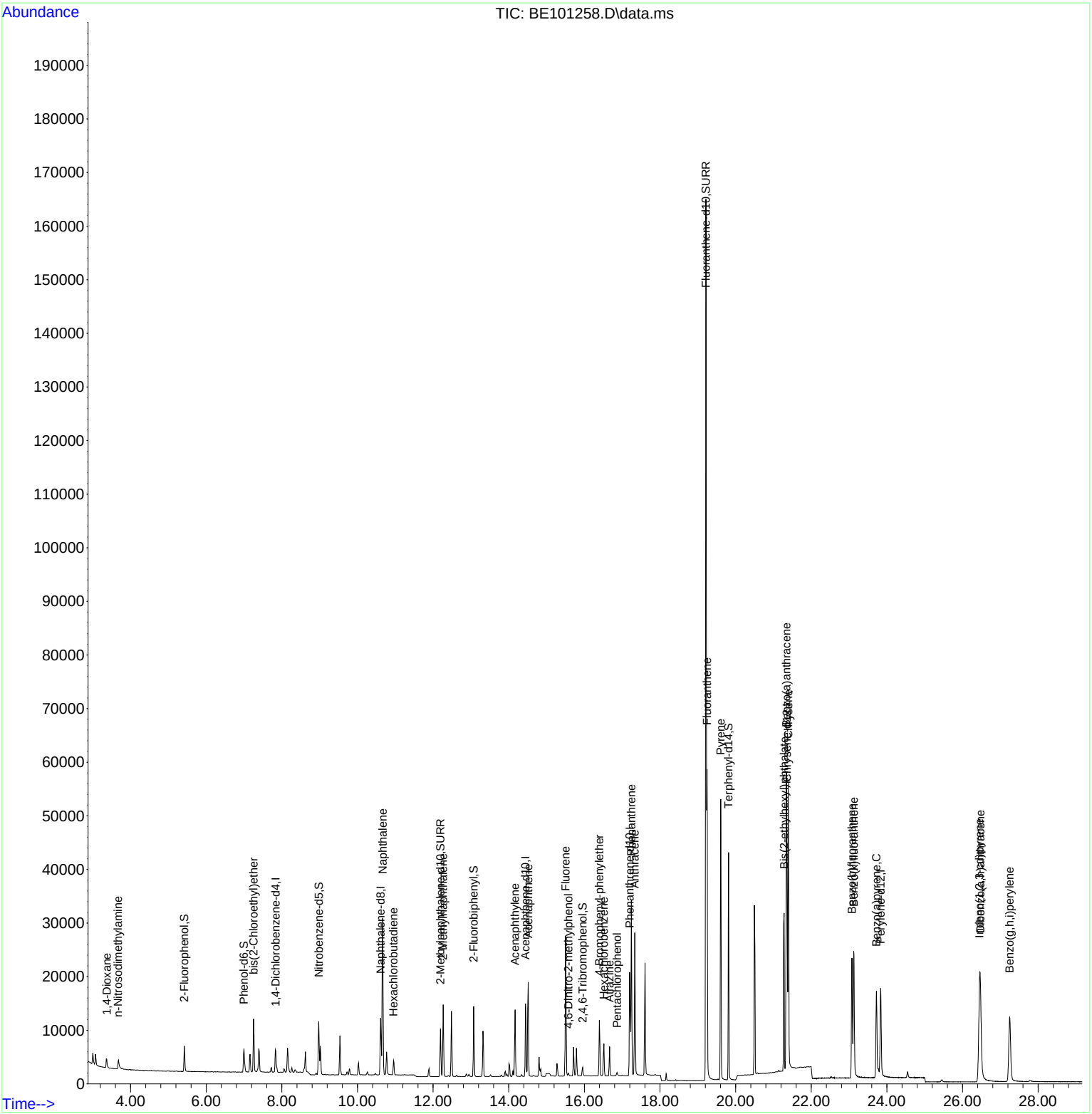
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.839	152	2181	0.40	ng		0.00
7) Naphthalene-d8	10.614	136	10729	0.40	ng		0.00
13) Acenaphthene-d10	14.442	164	8711	0.40	ng		0.00
19) Phenanthrene-d10	17.196	188	27774	0.40	ng		#-0.01
29) Chrysene-d12	21.355	240	34621	0.40	ng		# 0.00
36) Perylene-d12	23.837	264	25245	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.421	112	2302	0.45	ng		0.00
5) Phenol-d6	6.998	99	3901	0.48	ng		0.00
8) Nitrobenzene-d5	8.977	82	3570	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.195	152	10553	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.957	330	1002	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.074	172	11610	0.37	ng		0.00
27) Fluoranthene-d10	19.215	212	216379	0.45	ng		0.00
31) Terphenyl-d14	19.812	244	36746	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.371	88	1294	0.39	ng		96
3) n-Nitrosodimethylamine	3.670	42	1573	0.45	ng		99
6) bis(2-Chloroethyl)ether	7.252	93	3206	0.43	ng		99
9) Naphthalene	10.666	128	47054	0.40	ng		100
10) Hexachlorobutadiene	10.952	225	2034	0.40	ng		99
12) 2-Methylnaphthalene	12.267	142	8928	0.43	ng		98
16) Acenaphthylene	14.169	152	13860	0.41	ng		100
17) Acenaphthene	14.514	154	9914	0.39	ng		98
18) Fluorene	15.503	166	14226	0.42	ng		99
20) 4,6-Dinitro-2-methylph...	15.579	198	422	0.21	ng	#	53
21) 4-Bromophenyl-phenylether	16.395	248	5142	0.37	ng	#	61
22) Hexachlorobenzene	16.516	284	5046	0.36	ng		99
23) Atrazine	16.667	200	4049	0.43	ng		95
24) Pentachlorophenol	16.864	266	472	0.09	ng		99
25) Phenanthrene	17.242	178	32144	0.39	ng		100
26) Anthracene	17.332	178	28089	0.40	ng		99
28) Fluoranthene	19.243	202	47806	0.45	ng		99
30) Pyrene	19.605	202	47874	0.38	ng		100
32) Benzo(a)anthracene	21.343	228	41276	0.42	ng		99
33) Chrysene	21.392	228	45996	0.40	ng		99
34) Bis(2-ethylhexyl)phtha...	21.283	149	40995	0.58	ng		100
35) Indeno(1,2,3-cd)pyrene	26.448	276	32919	0.39	ng		99
37) Benzo(b)fluoranthene	23.074	252	31059	0.38	ng		100
38) Benzo(k)fluoranthene	23.124	252	34707	0.38	ng		98
39) Benzo(a)pyrene	23.723	252	27171	0.39	ng		99
40) Dibenzo(a,h)anthracene	26.470	278	28272	0.41	ng		99
41) Benzo(g,h,i)perylene	27.247	276	29850	0.40	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101258.D
Acq On : 9 Apr 2021 2:41
Operator : CG/JU
Sample : PB135627BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB135627BS

Quant Time: Apr 09 03:25:29 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



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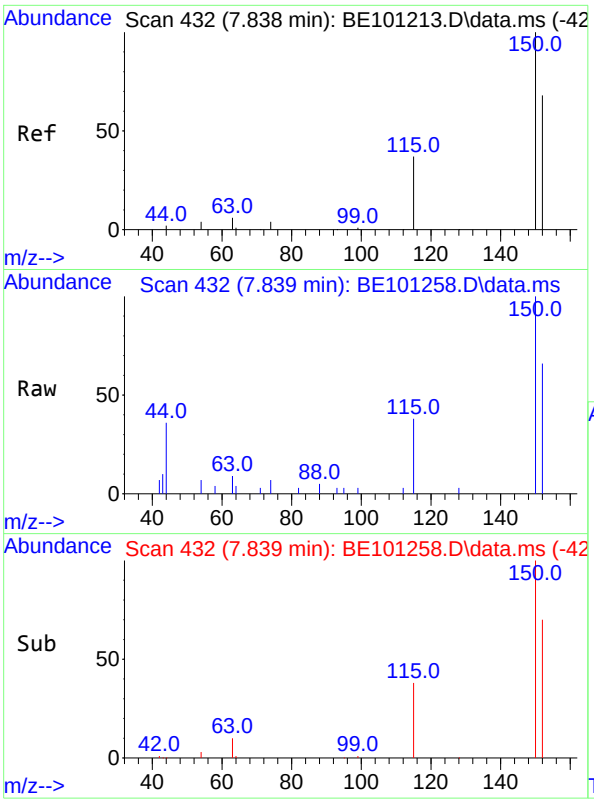
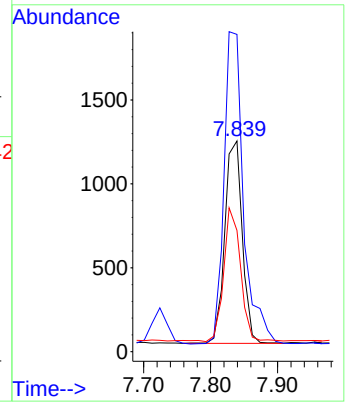
PB135627BS

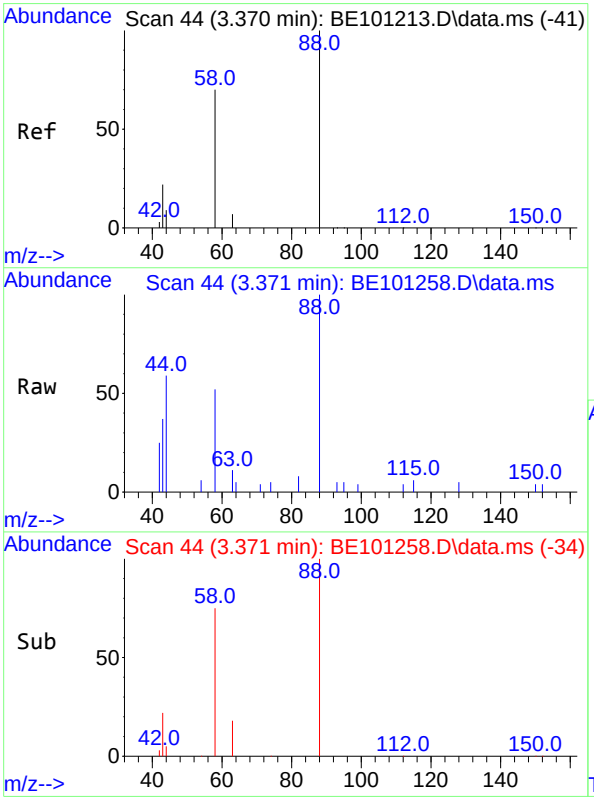


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.839 min Scan# 432
Delta R.T. 0.009 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:152 Resp: 2181

Ion	Ratio	Lower	Upper
152	100		
150	150.6	116.9	175.3
115	57.6	44.5	66.7

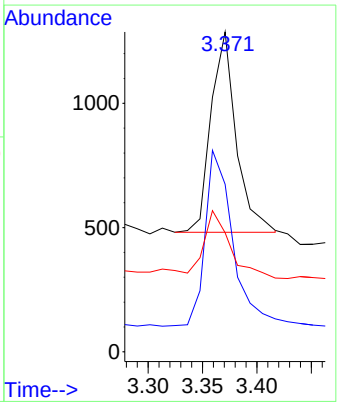




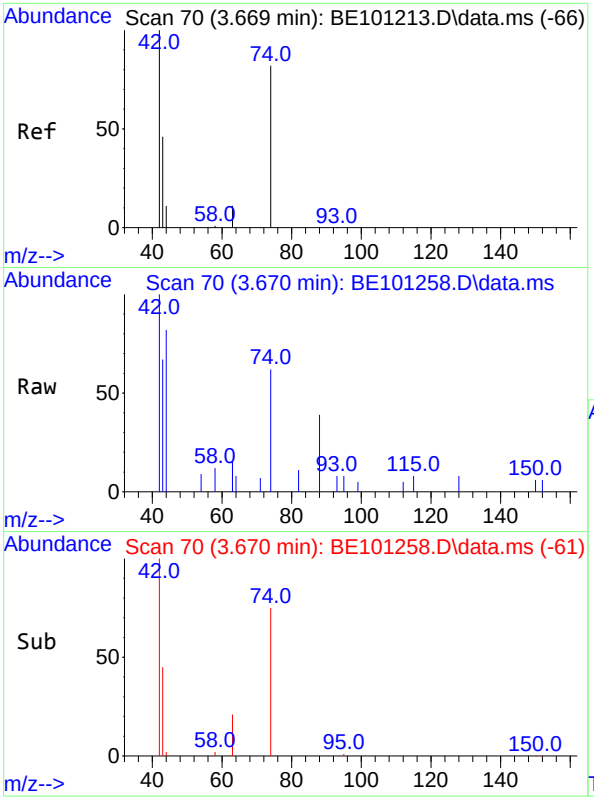
#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.371 min Scan# 44
Delta R.T. 0.010 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion: 88 Resp: 1294

Ion	Ratio	Lower	Upper
88	100		
58	96.2	73.6	110.4
43	35.8	27.6	41.4



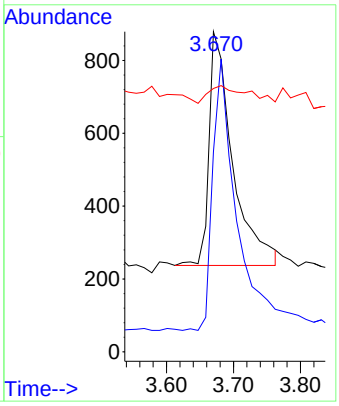
Instrument :
BNA_E
ClientSampleId :
PB135627BS

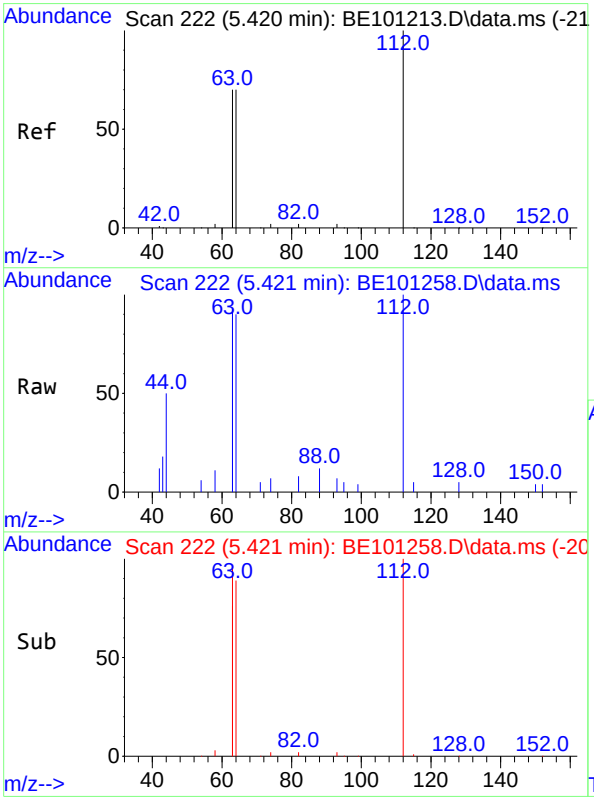


#3
n-Nitrosodimethylamine
Concen: 0.45 ng
RT: 3.670 min Scan# 70
Delta R.T. -0.002 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion: 42 Resp: 1573

Ion	Ratio	Lower	Upper
42	100		
74	114.6	92.7	139.1
44	12.5	10.7	16.1

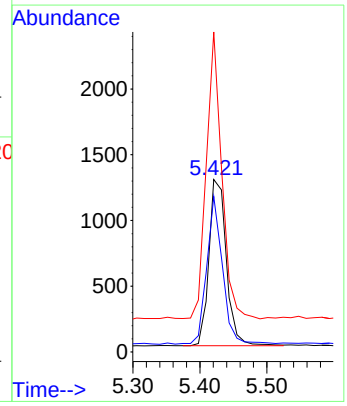




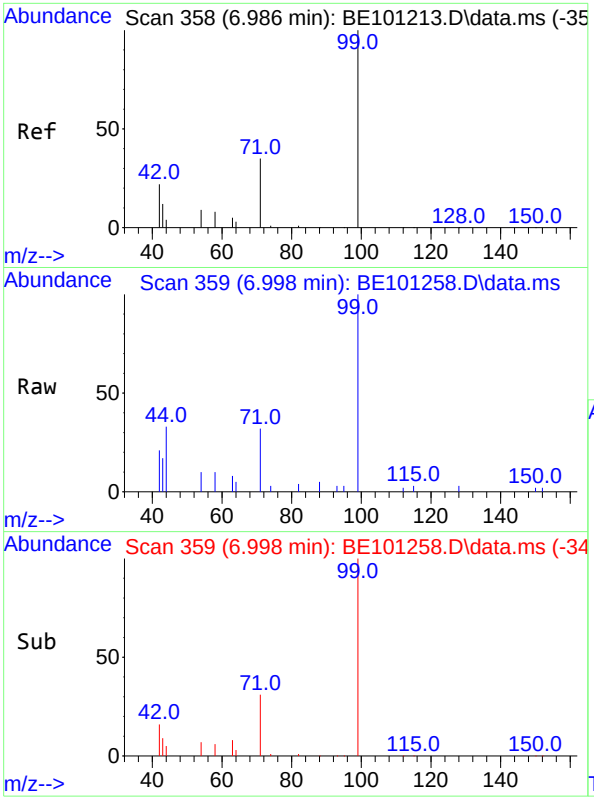
#4
2-Fluorophenol
Concen: 0.45 ng
RT: 5.421 min Scan# 222
Delta R.T. -0.002 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:112 Resp: 2302

Ion	Ratio	Lower	Upper
112	100		
64	79.8	62.3	93.5
63	153.0	117.3	175.9



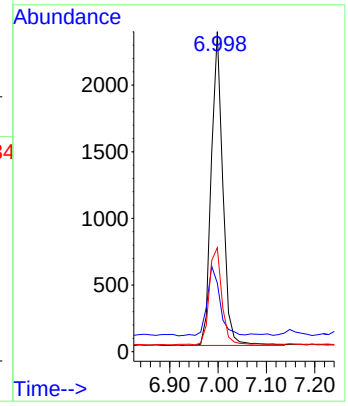
Instrument :
BNA_E
ClientSampleId :
PB135627BS

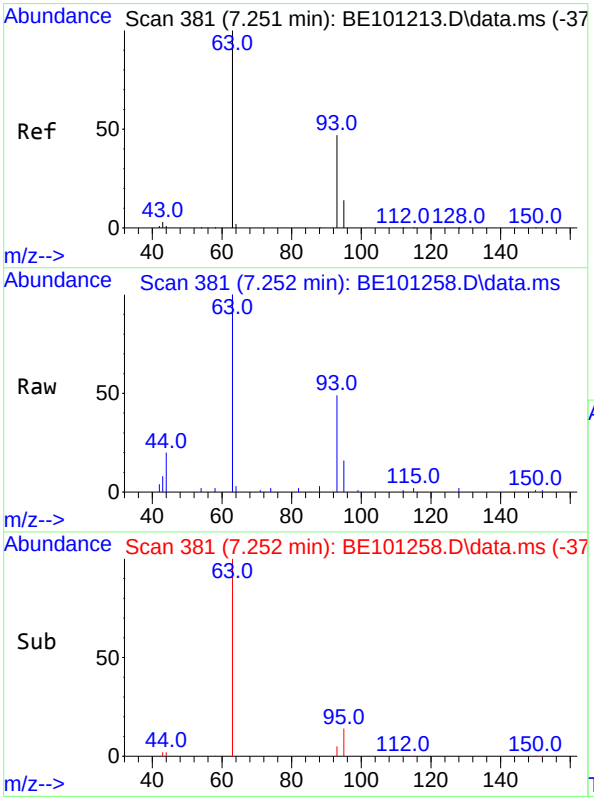


#5
Phenol-d6
Concen: 0.48 ng
RT: 6.998 min Scan# 359
Delta R.T. 0.010 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion: 99 Resp: 3901

Ion	Ratio	Lower	Upper
99	100		
42	24.6	18.5	27.7
71	33.1	26.5	39.7

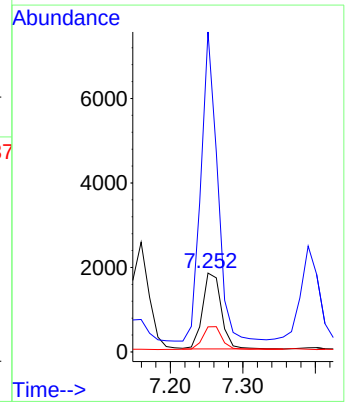




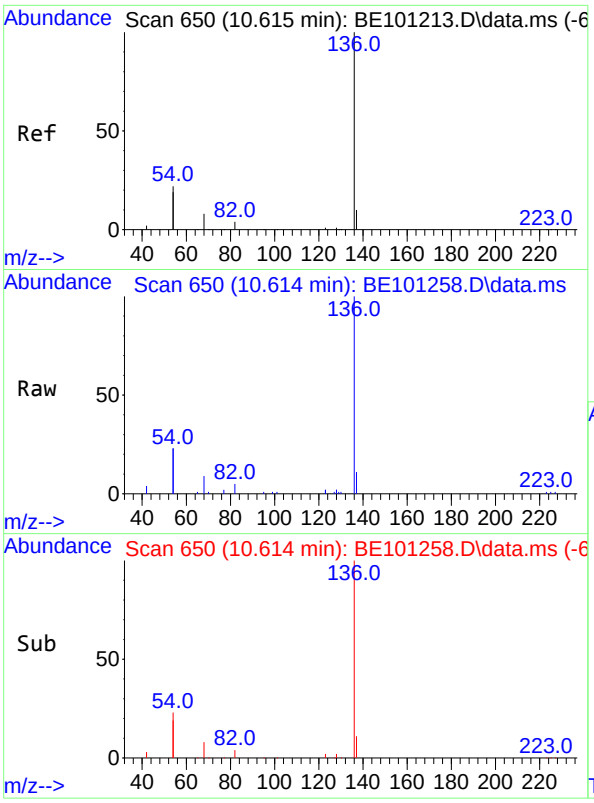
#6
bis(2-Chloroethyl)ether
Concen: 0.43 ng
RT: 7.252 min Scan# 381
Delta R.T. -0.002 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion: 93 Resp: 3206

Ion	Ratio	Lower	Upper
93	100		
63	362.6	292.5	438.7
95	31.8	25.7	38.5



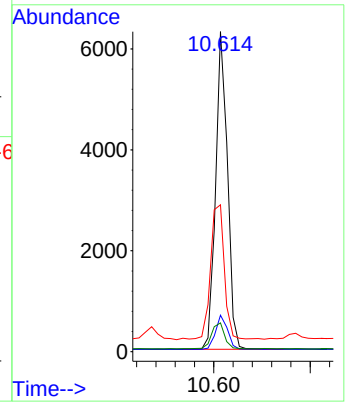
Instrument :
BNA_E
ClientSampleId :
PB135627BS

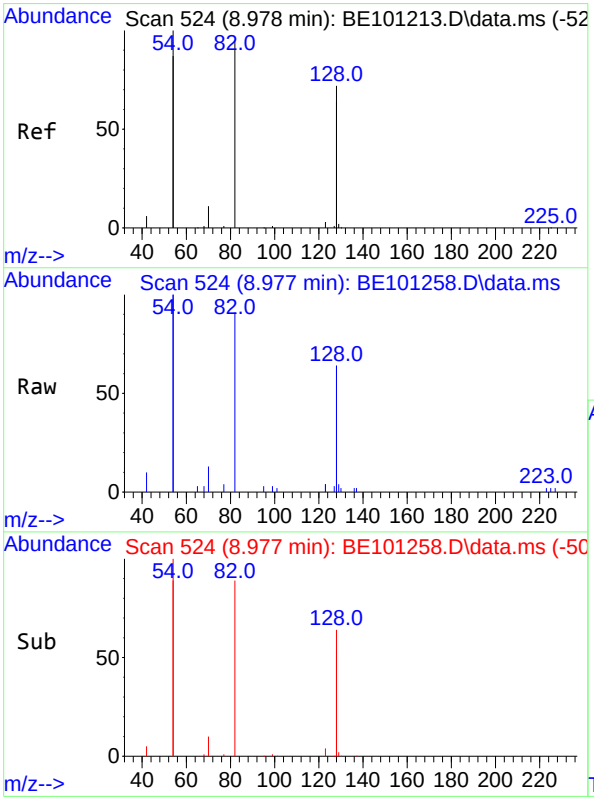


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:136 Resp: 10729

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	45.9	34.7	52.1
68	9.0	7.0	10.4

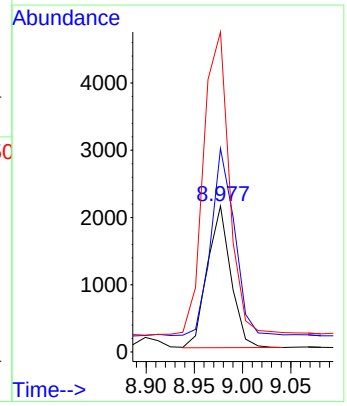




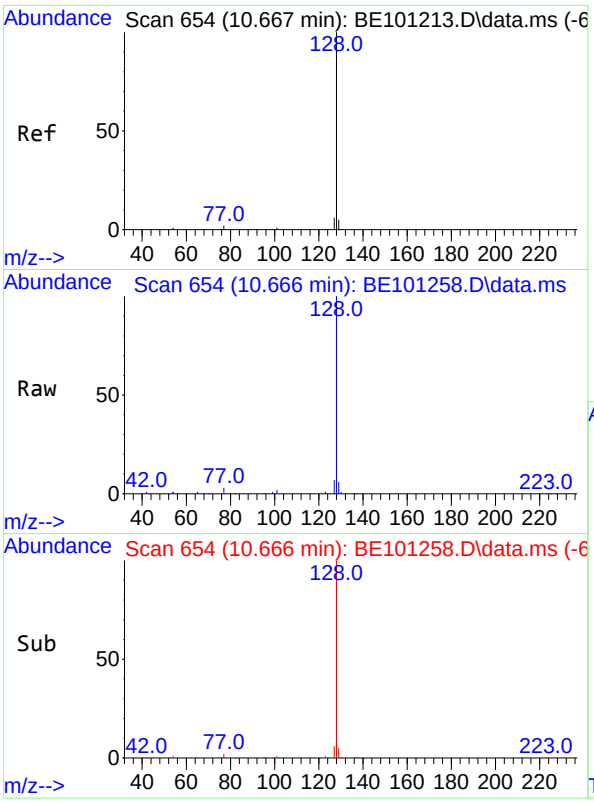
#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion: 82 Resp: 3570

Ion	Ratio	Lower	Upper
82	100		
128	139.5	118.7	178.1
54	219.4	164.4	246.6



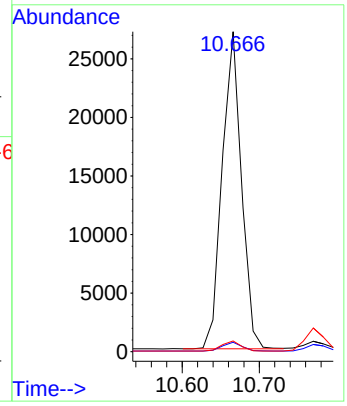
Instrument :
BNA_E
ClientSampleId :
PB135627BS

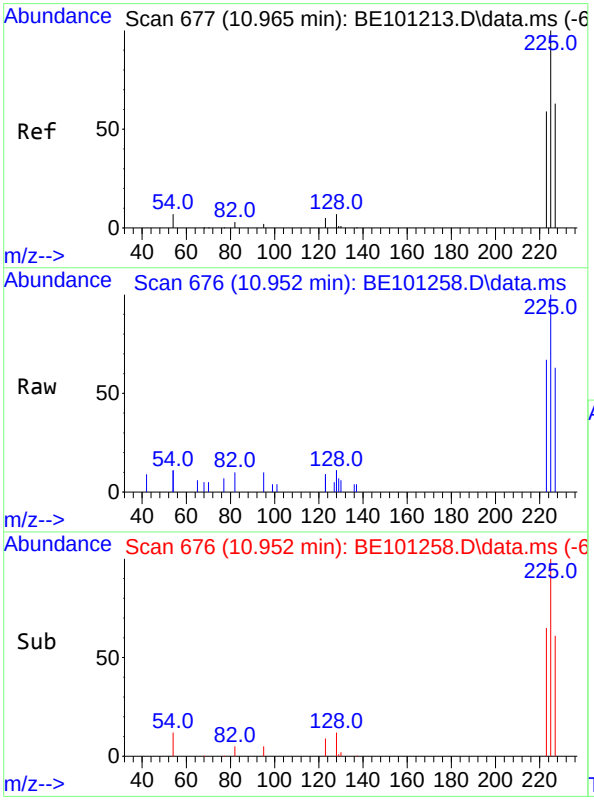


#9
Naphthalene
Concen: 0.40 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:128 Resp: 47054

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.3	2.6	3.8

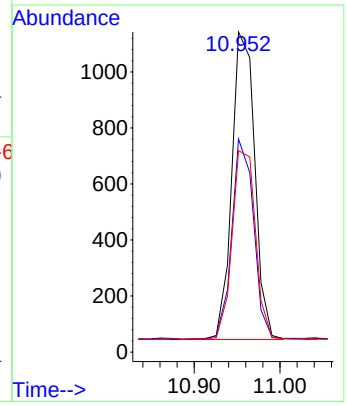




#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.952 min Scan# 676
Delta R.T. -0.014 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:225 Resp: 2034

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.4	75.6
227	62.5	50.1	75.1



Instrument :
BNA_E
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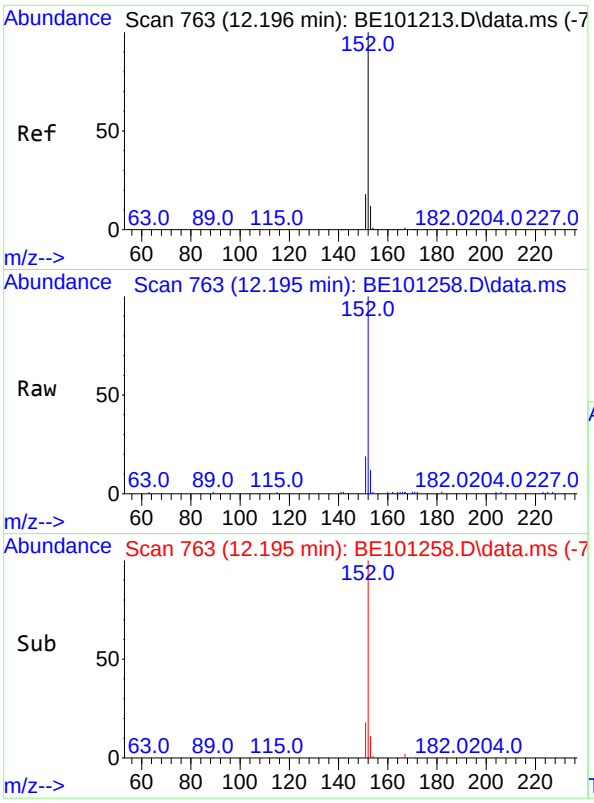
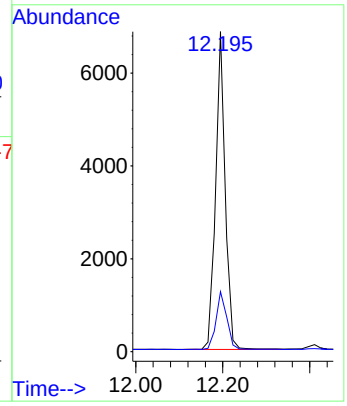
PB135627BS

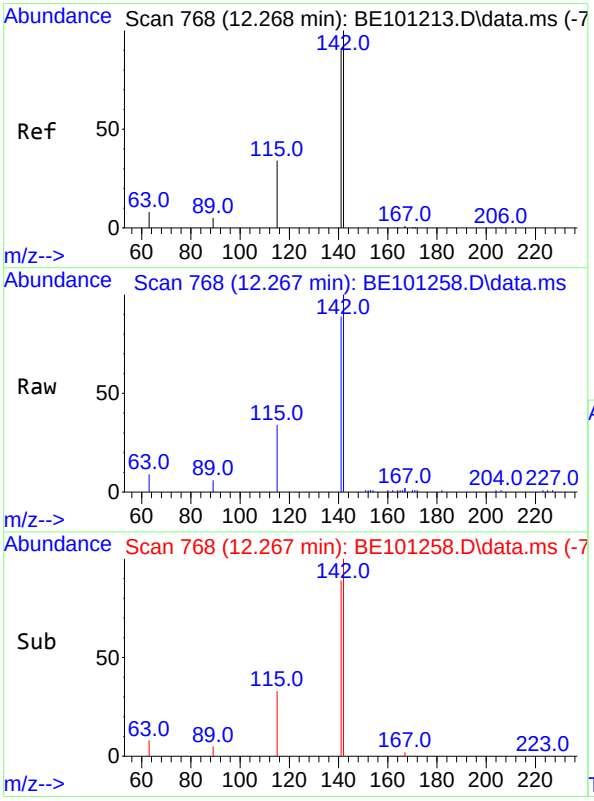


#11
2-Methylnaphthalene-d10
Concen: 0.42 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:152 Resp: 10553

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7

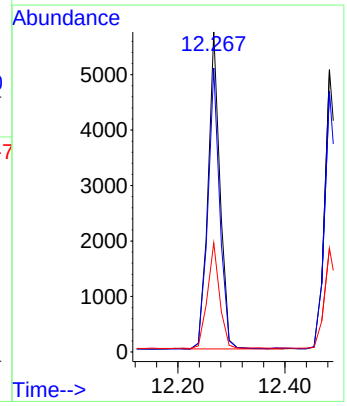




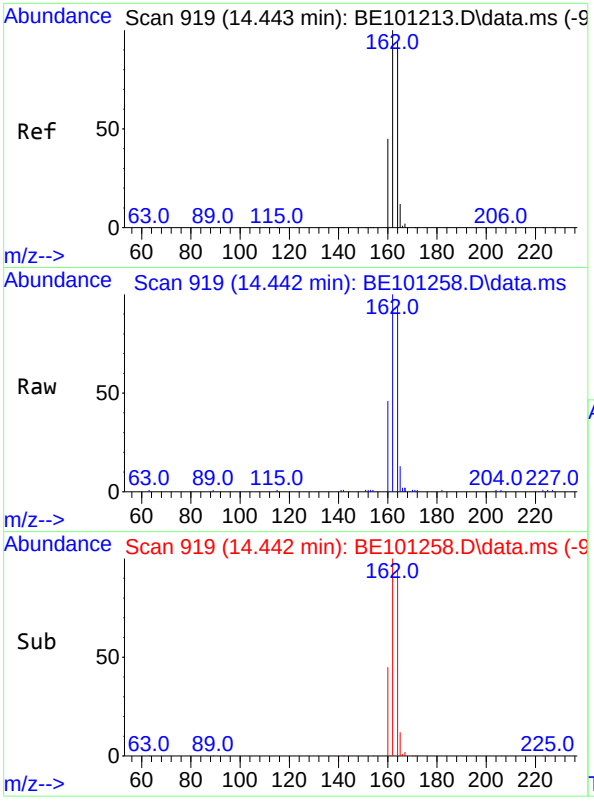
#12
2-Methylnaphthalene
Concen: 0.43 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:142 Resp: 8928

Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.0	109.6
115	34.1	27.8	41.8



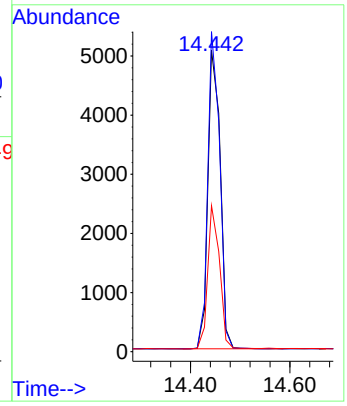
Instrument :
BNA_E
ClientSampleId :
PB135627BS

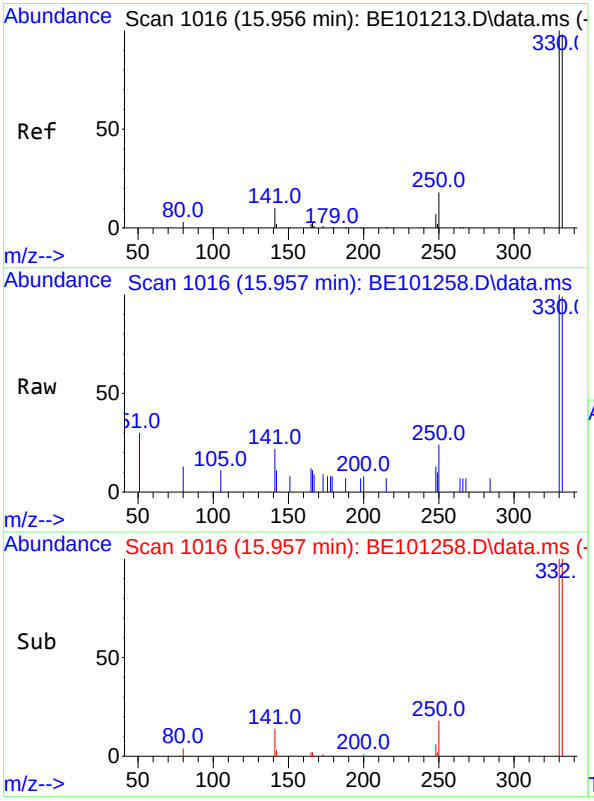


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:164 Resp: 8711

Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.3	127.9
160	48.5	39.1	58.7

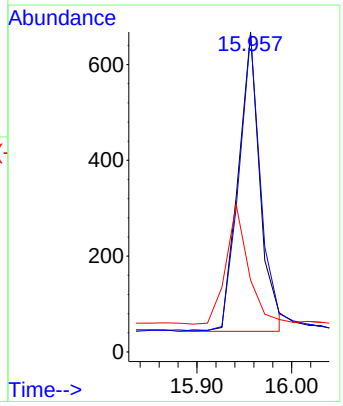




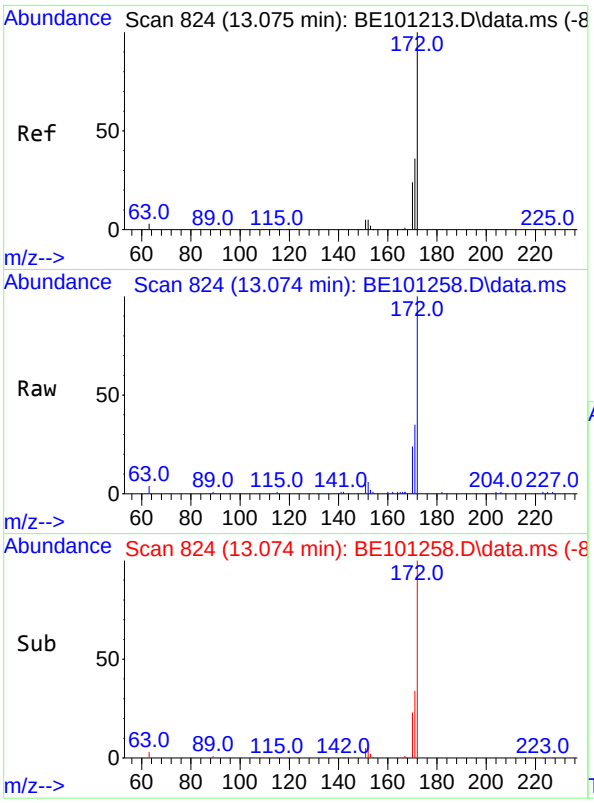
#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:330 Resp: 1002

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.8	116.6
141	40.9	30.4	45.6



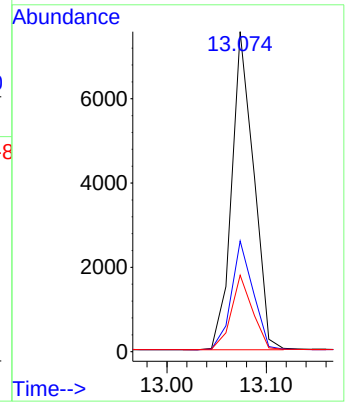
Instrument :
BNA_E
ClientSampleId :
PB135627BS

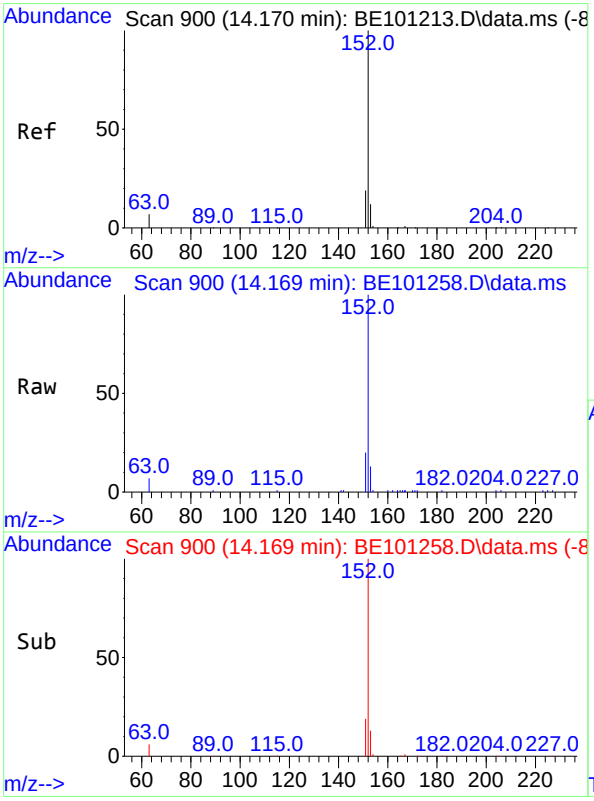


#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:172 Resp: 11610

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.7	43.1
170	23.9	19.3	28.9

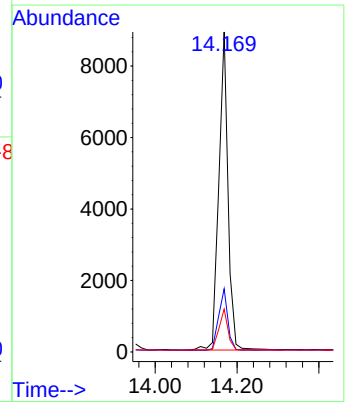




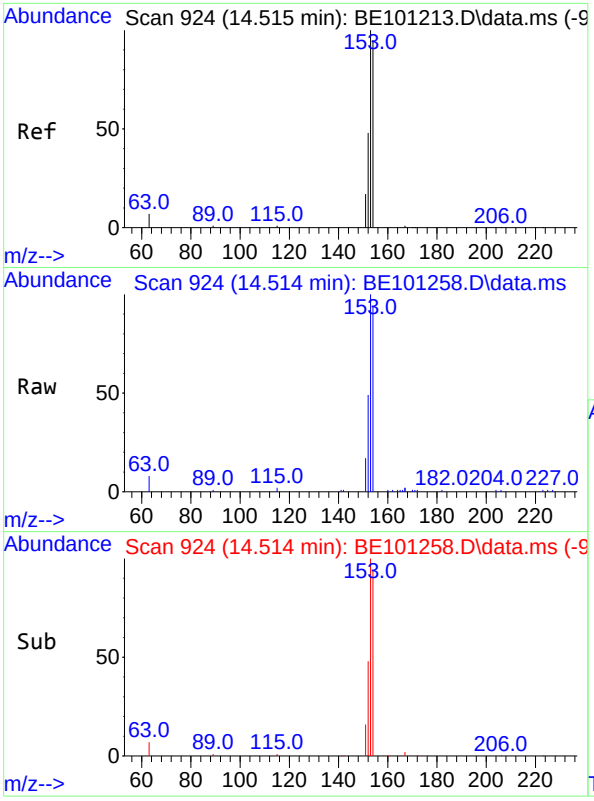
#16
Acenaphthylene
Concen: 0.41 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:152 Resp: 13860

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	12.9	10.0	15.0



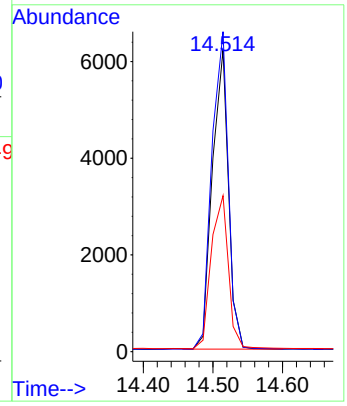
Instrument :
BNA_E
ClientSampleId :
PB135627BS

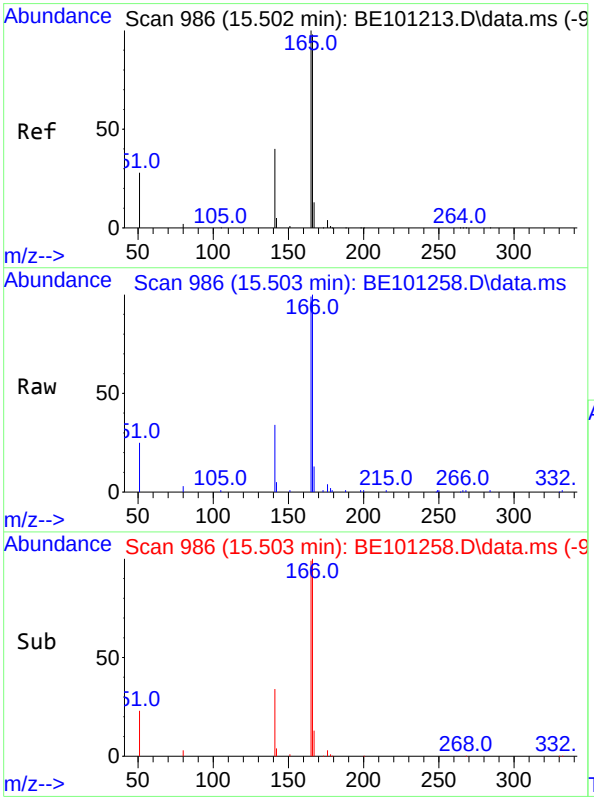


#17
Acenaphthene
Concen: 0.39 ng
RT: 14.514 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:154 Resp: 9914

Ion	Ratio	Lower	Upper
154	100		
153	108.9	84.9	127.3
152	54.7	42.7	64.1

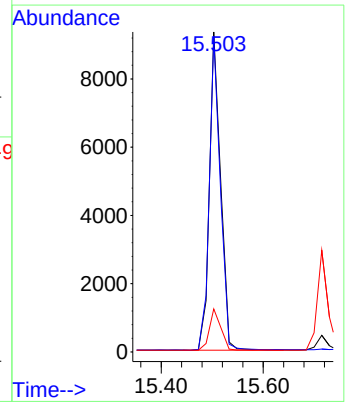




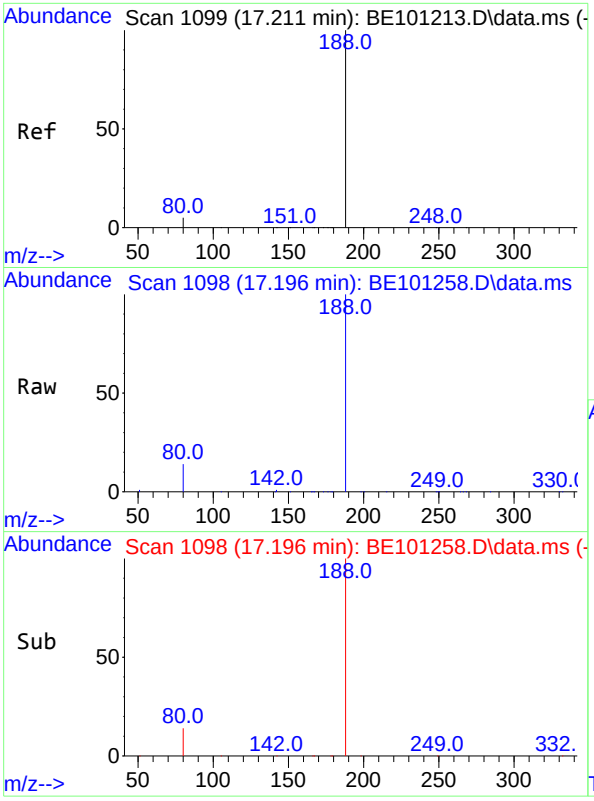
#18
Fluorene
Concen: 0.42 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:166 Resp: 14226

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.4
167	13.4	11.0	16.4



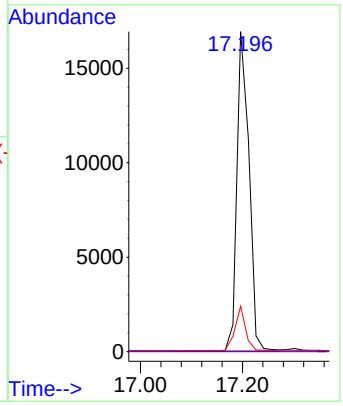
Instrument :
BNA_E
ClientSampleId :
PB135627BS

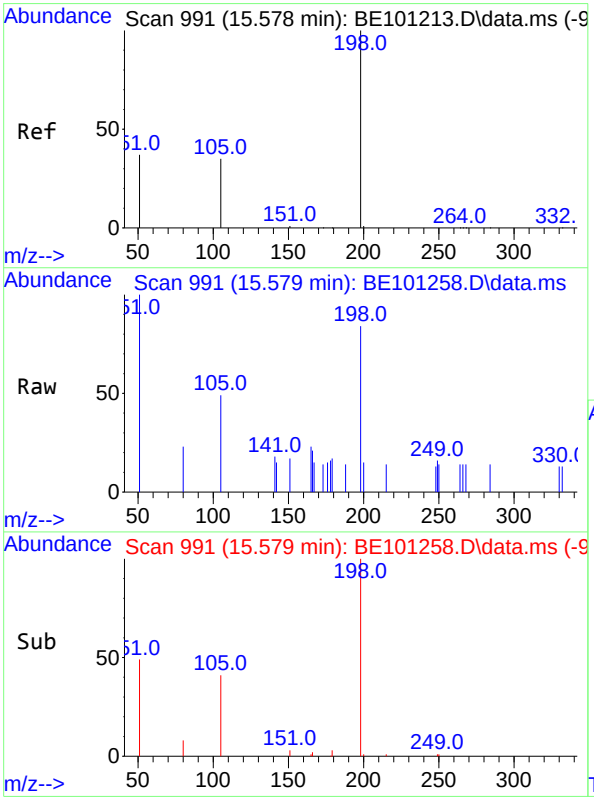


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.196 min Scan# 1098
Delta R.T. -0.014 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:188 Resp: 27774

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	4.6	6.8#

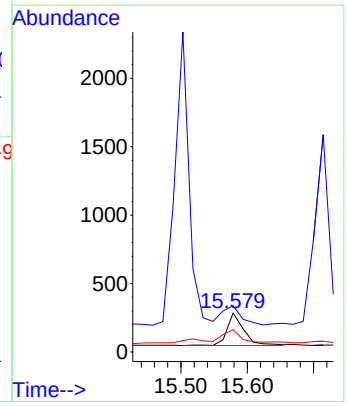




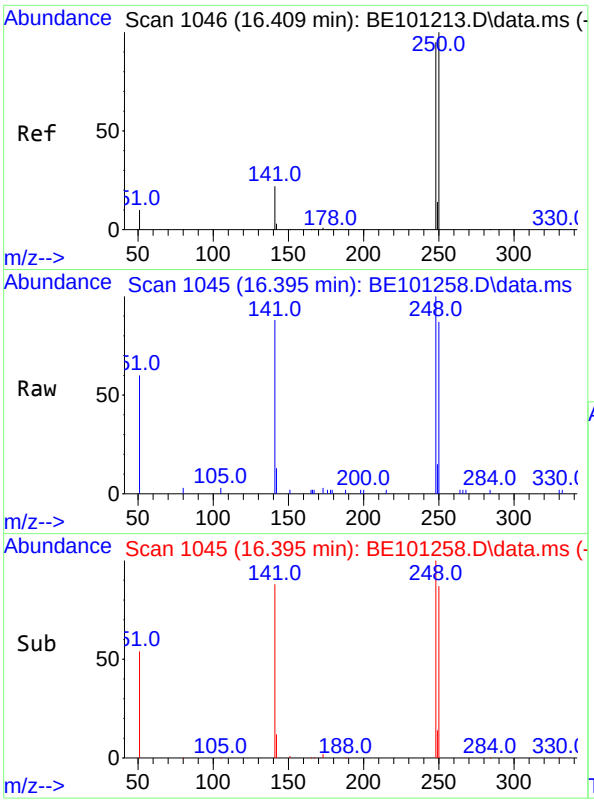
#20
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 15.579 min Scan# 991
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:198 Resp: 422

Ion	Ratio	Lower	Upper
198	100		
51	119.0	55.9	83.9#
105	57.7	33.6	50.4#



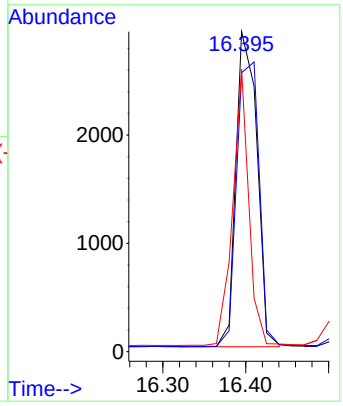
Instrument :
BNA_E
ClientSampleId :
PB135627BS

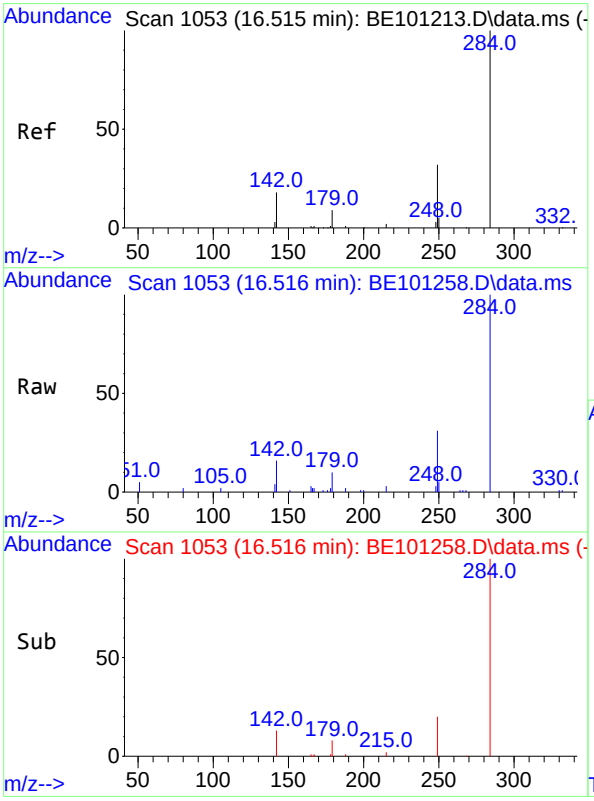


#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.395 min Scan# 1045
Delta R.T. -0.014 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:248 Resp: 5142

Ion	Ratio	Lower	Upper
248	100		
250	87.2	84.5	126.7
141	88.3	19.8	29.8#

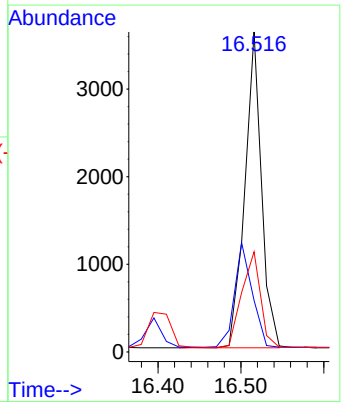




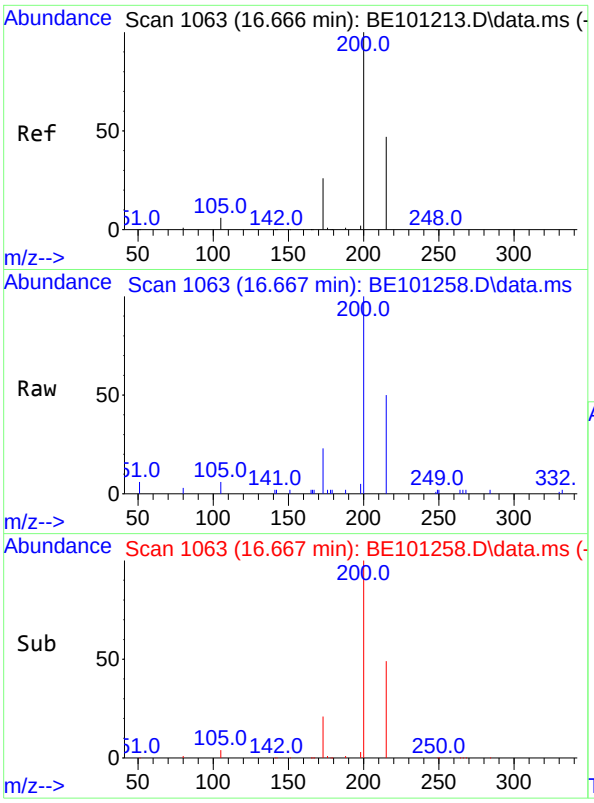
#22
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.516 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:284 Resp: 5046

Ion	Ratio	Lower	Upper
284	100		
142	35.1	27.4	41.0
249	33.8	26.5	39.7



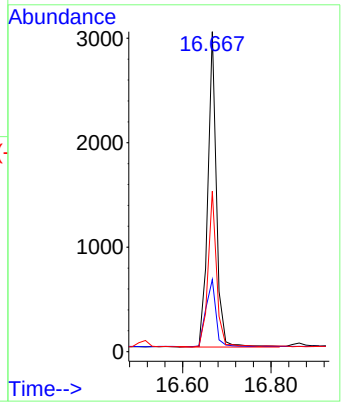
Instrument :
BNA_E
ClientSampleId :
PB135627BS

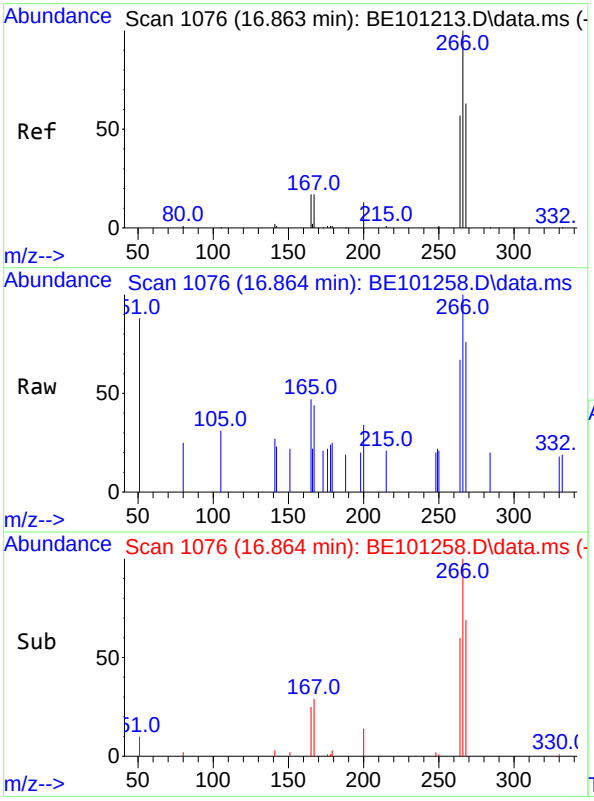


#23
Atrazine
Concen: 0.43 ng
RT: 16.667 min Scan# 1063
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:200 Resp: 4049

Ion	Ratio	Lower	Upper
200	100		
173	22.5	21.9	32.9
215	50.1	38.6	57.8

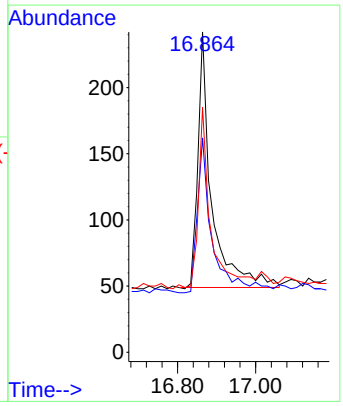




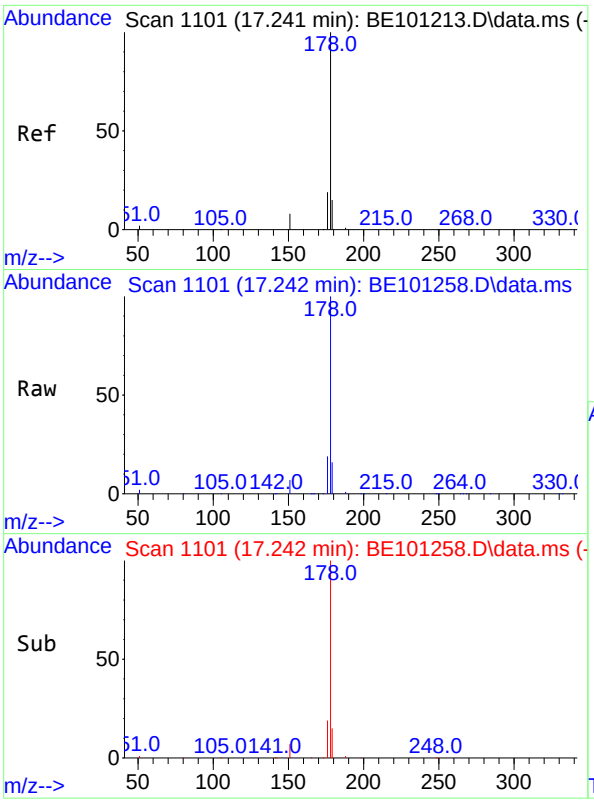
#24
Pentachlorophenol
Concen: 0.09 ng
RT: 16.864 min Scan# 1076
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:266 Resp: 472

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.1	73.7
268	62.5	50.6	76.0



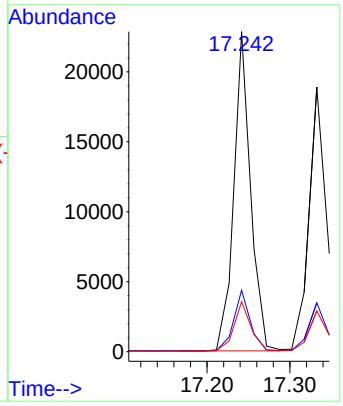
Instrument :
BNA_E
ClientSampleId :
PB135627BS

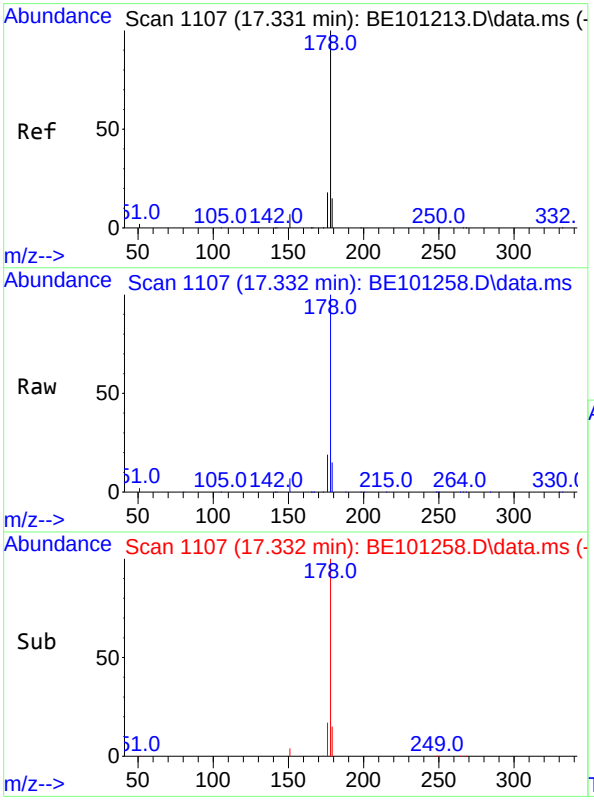


#25
Phenanthrene
Concen: 0.39 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:178 Resp: 32144

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.2	18.4

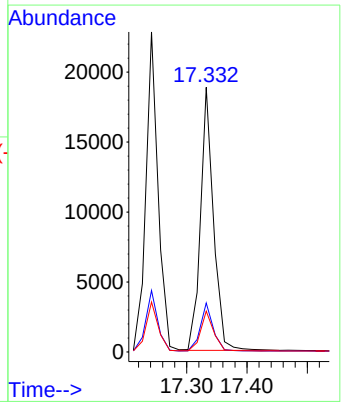




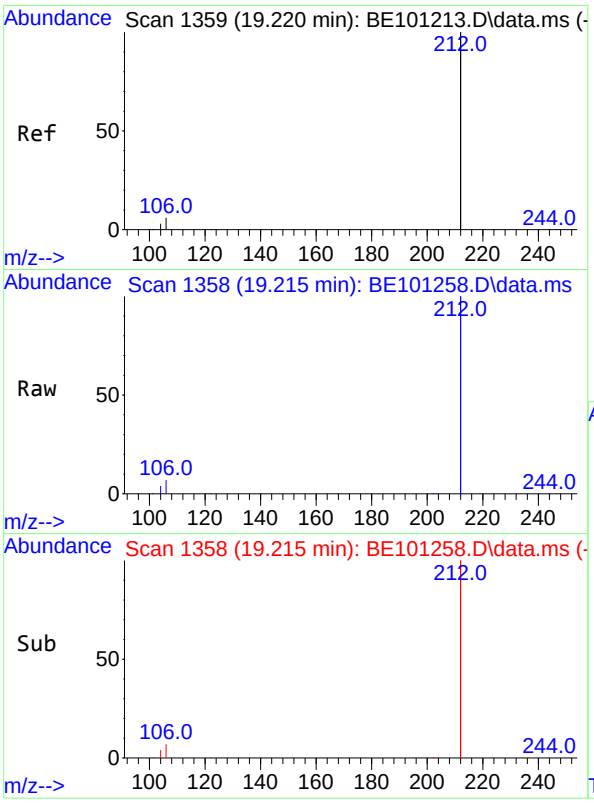
#26
Anthracene
Concen: 0.40 ng
RT: 17.332 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:178 Resp: 28089

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.3	11.8	17.8



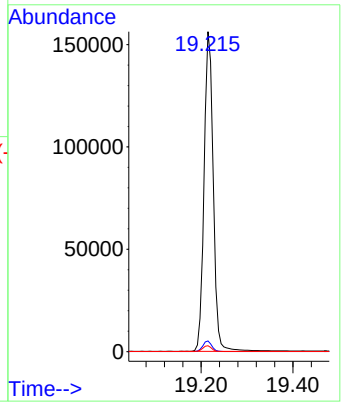
Instrument :
BNA_E
ClientSampleId :
PB135627BS

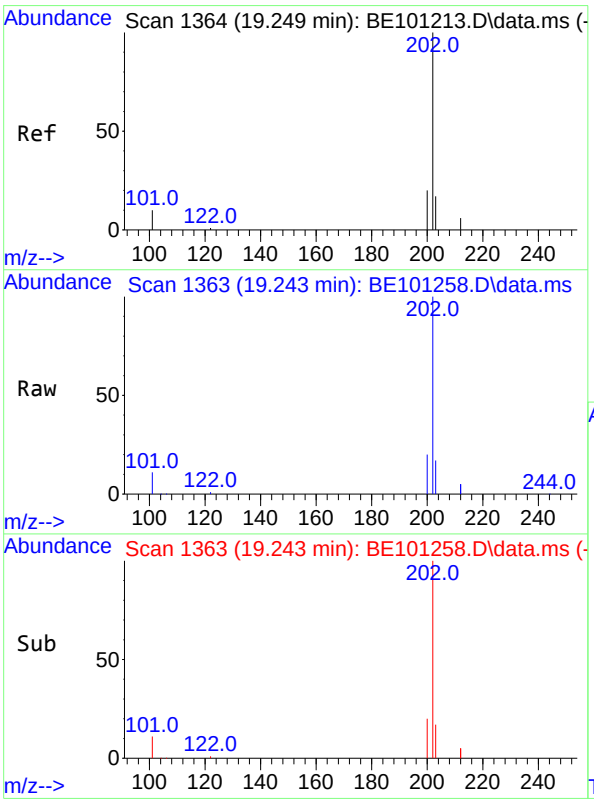


#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.215 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:212 Resp: 216379

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

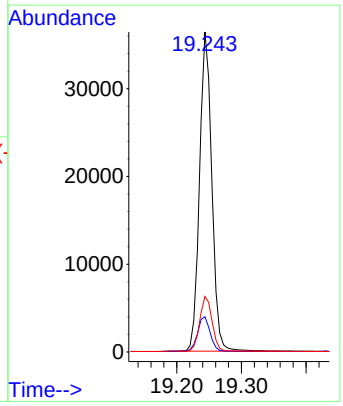




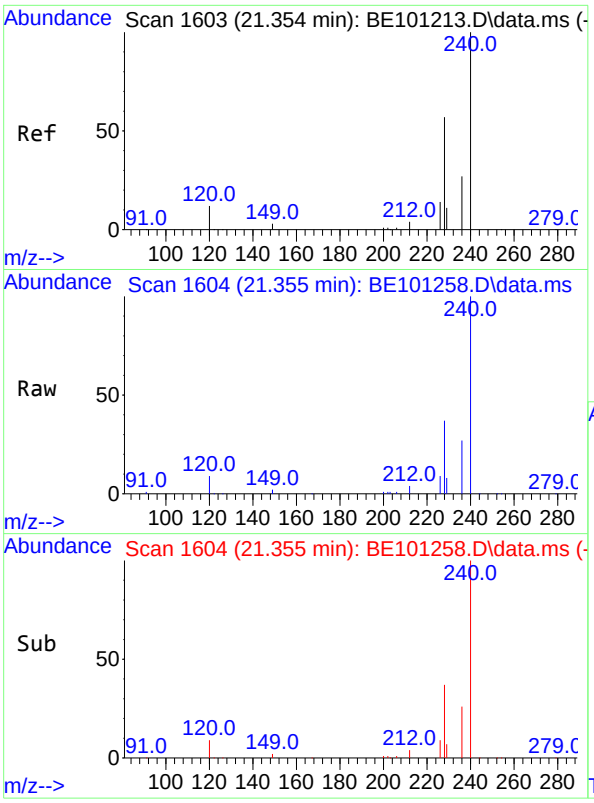
#28
Fluoranthene
Concen: 0.45 ng
RT: 19.243 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:202 Resp: 47806

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
203	17.6	13.6	20.4



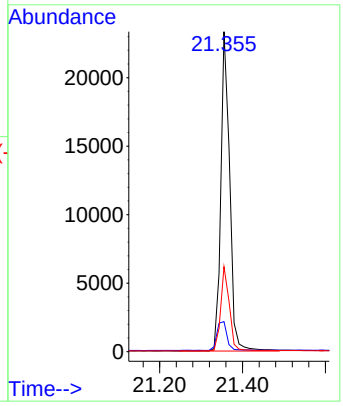
Instrument :
BNA_E
ClientSampleId :
PB135627BS

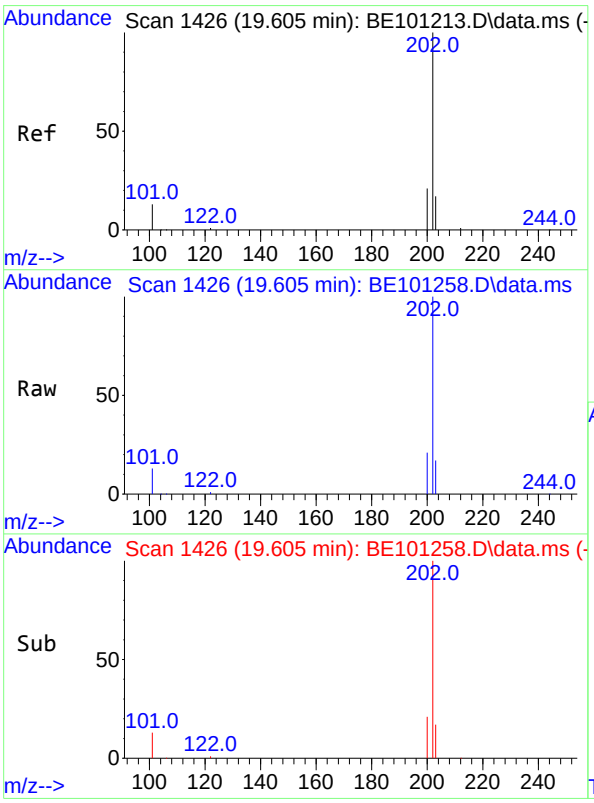


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.355 min Scan# 1604
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:240 Resp: 34621

Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.2	15.4#
236	26.6	21.7	32.5

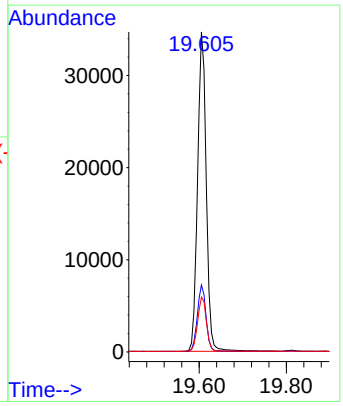




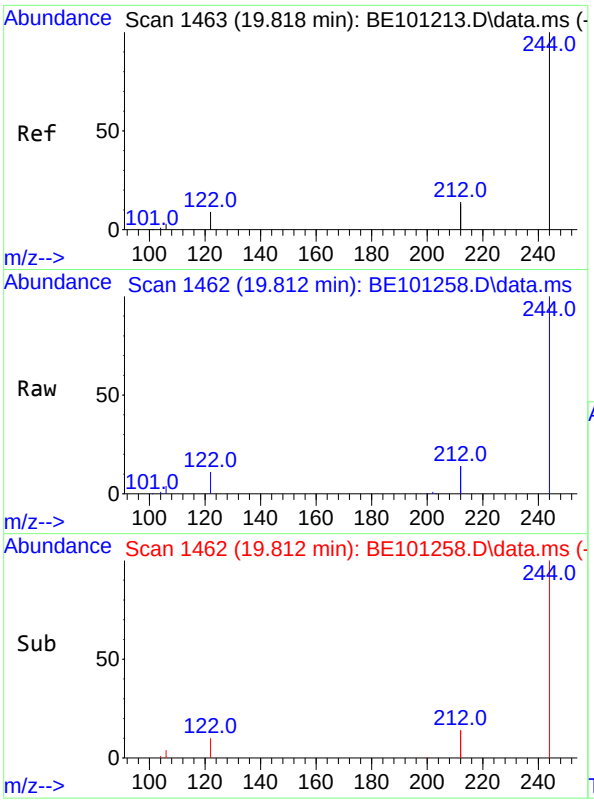
#30
Pyrene
Concen: 0.38 ng
RT: 19.605 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:202 Resp: 47874

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



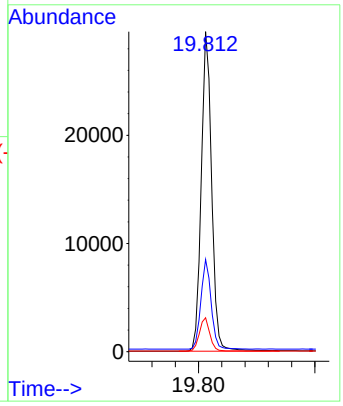
Instrument :
BNA_E
ClientSampleId :
PB135627BS

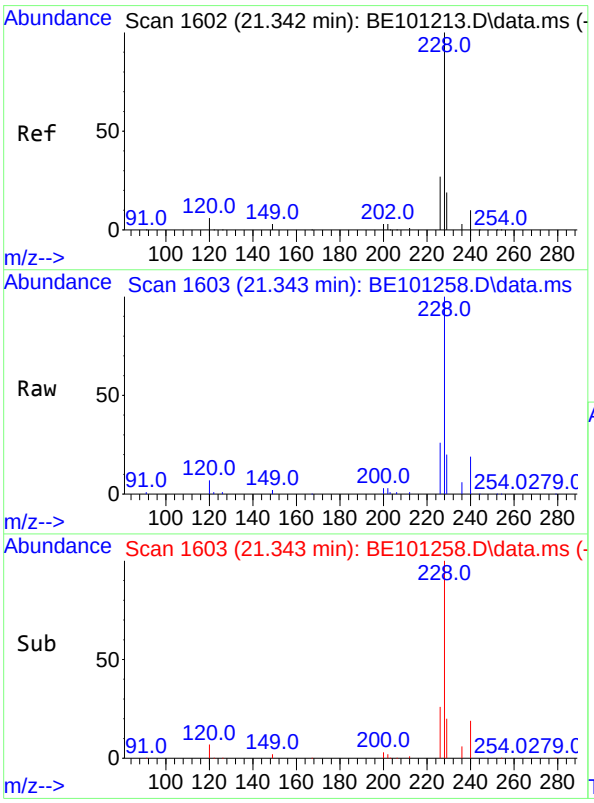


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.812 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:244 Resp: 36746

Ion	Ratio	Lower	Upper
244	100		
212	28.8	21.9	32.9
122	10.6	7.3	10.9

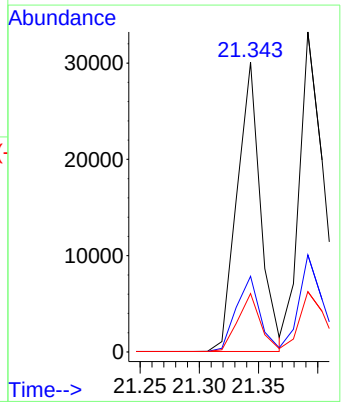




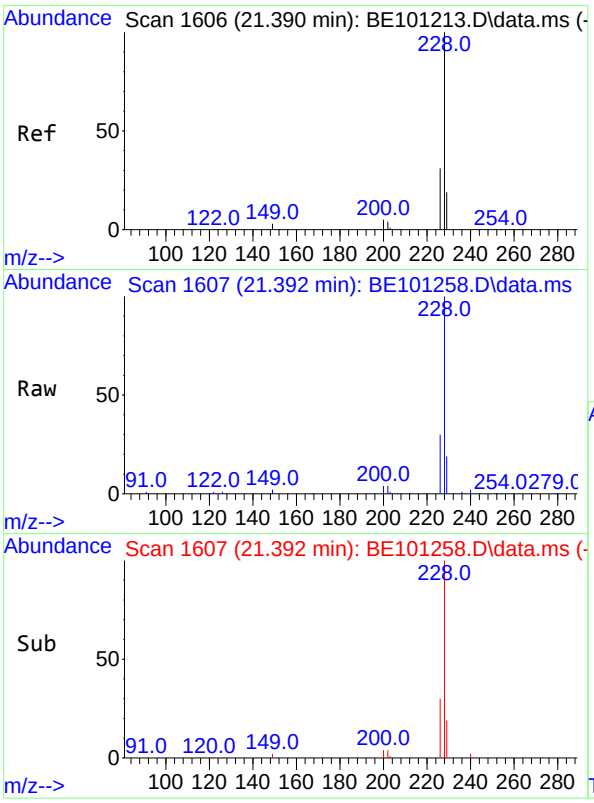
#32
Benzo(a)anthracene
Concen: 0.42 ng
RT: 21.343 min Scan# 1603
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:228 Resp: 41276

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.4	32.2
229	20.1	15.7	23.5



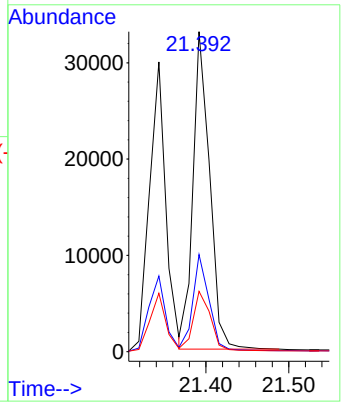
Instrument :
BNA_E
ClientSampleId :
PB135627BS

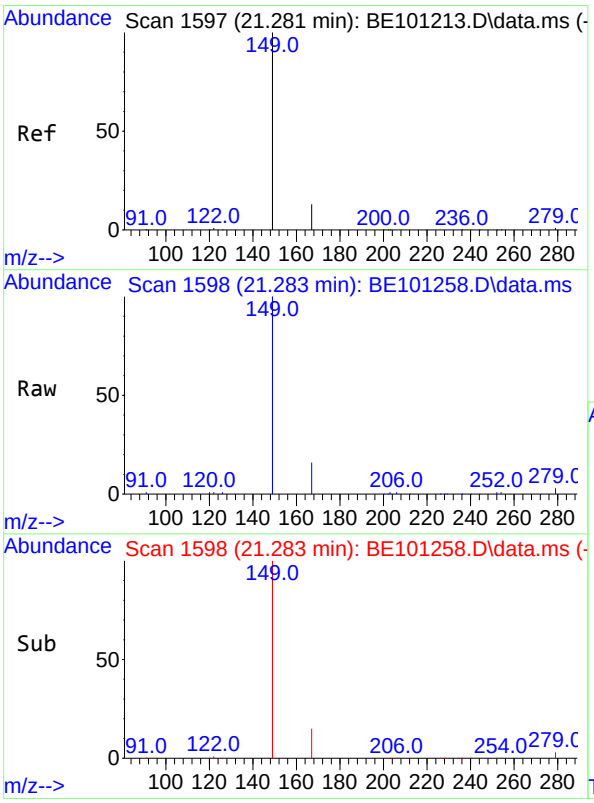


#33
Chrysene
Concen: 0.40 ng
RT: 21.392 min Scan# 1607
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:228 Resp: 45996

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.8	37.2
229	18.9	15.2	22.8

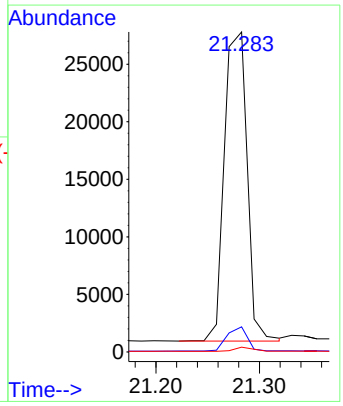




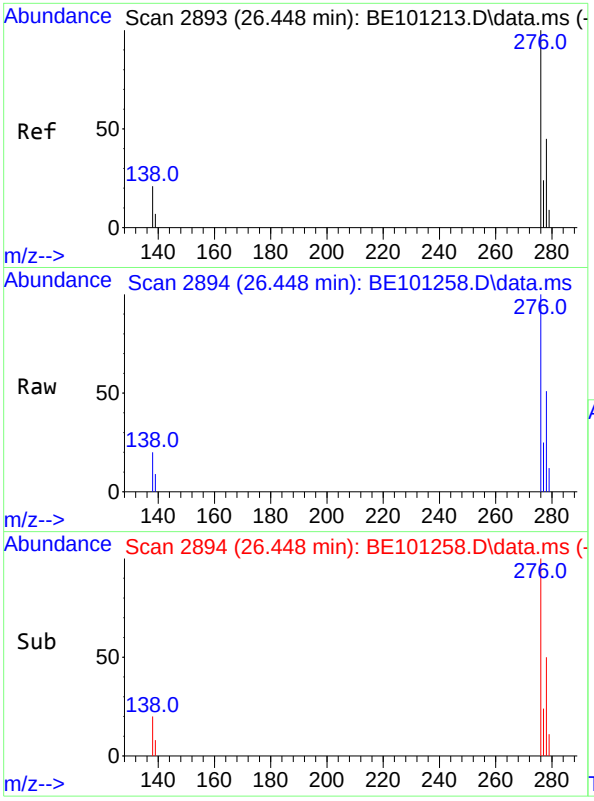
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.58 ng
RT: 21.283 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:149 Resp: 40995

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.5	8.3
279	1.1	1.0	1.4



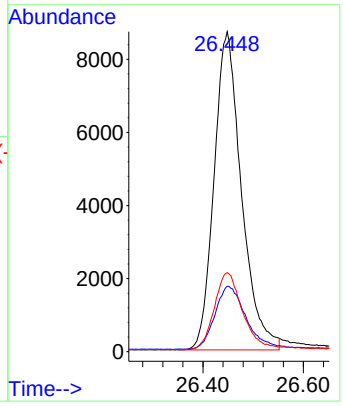
Instrument :
BNA_E
ClientSampleId :
PB135627BS

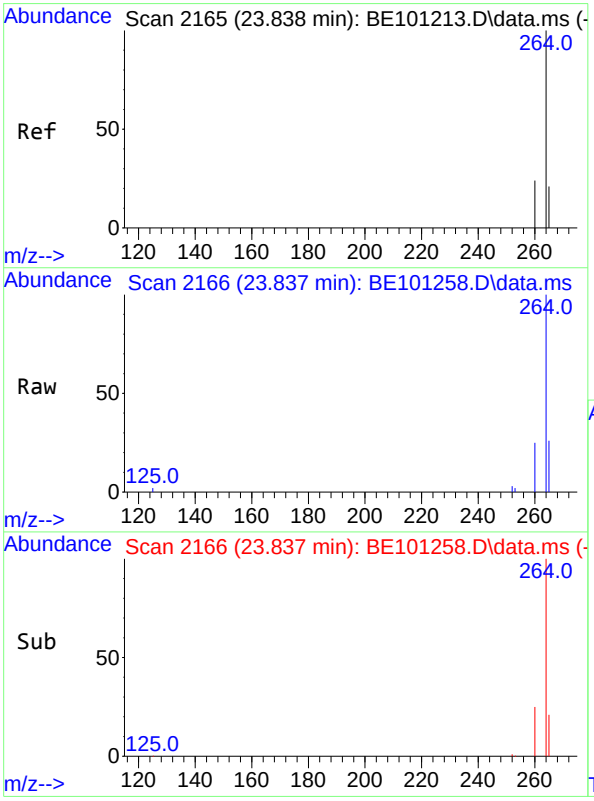


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 26.448 min Scan# 2894
Delta R.T. 0.004 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:276 Resp: 32919

Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.4	26.0
277	24.8	19.8	29.8

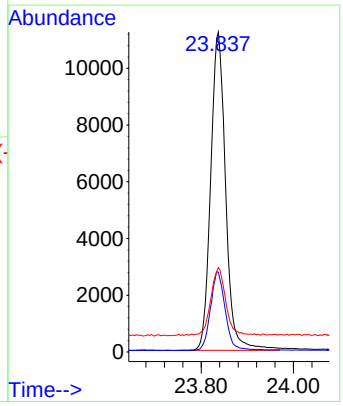




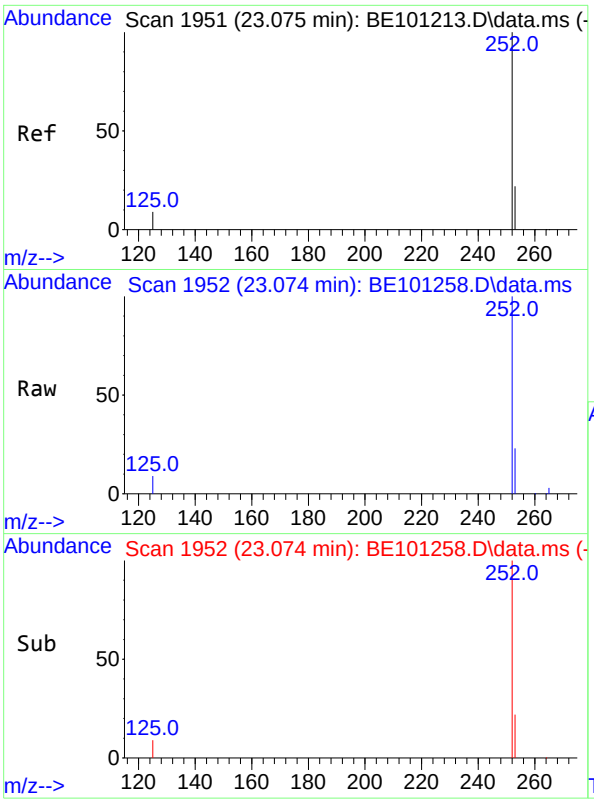
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.837 min Scan# 2166
Delta R.T. 0.002 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:264 Resp: 25245

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	26.3	22.4	33.6



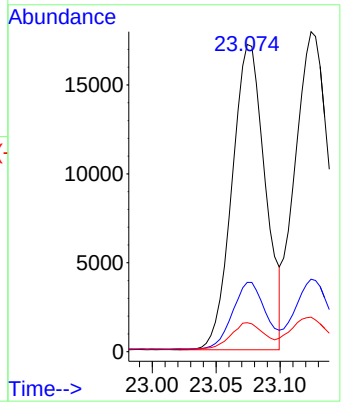
Instrument :
BNA_E
ClientSampleId :
PB135627BS

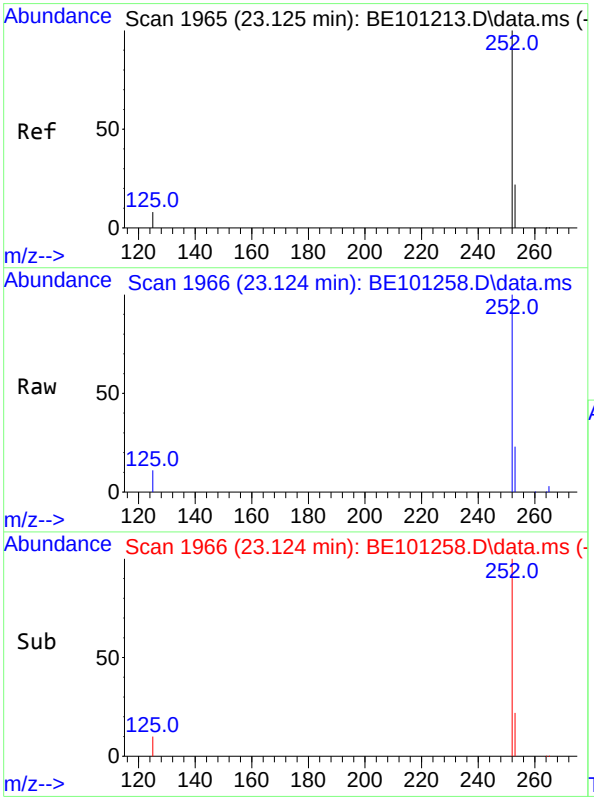


#37
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.074 min Scan# 1952
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:252 Resp: 31059

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.4	7.6	11.4

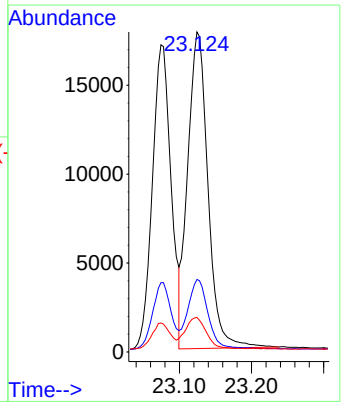




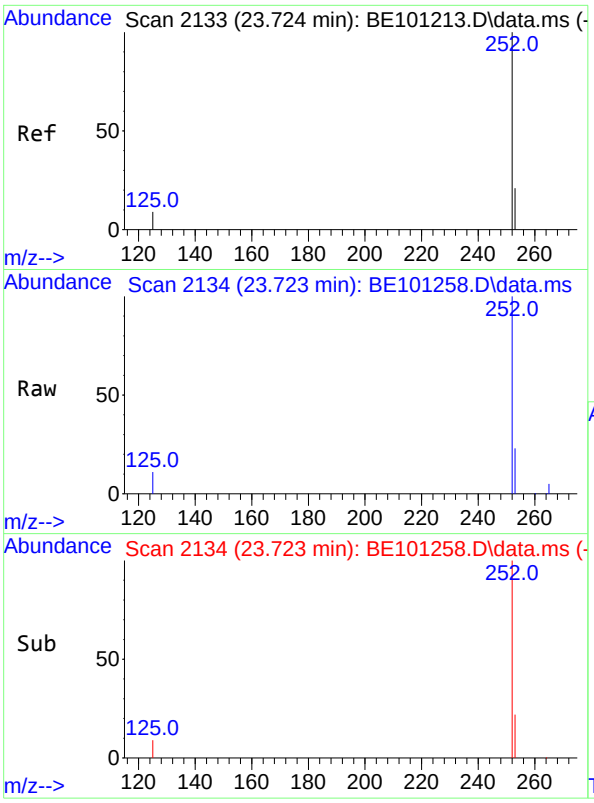
#38
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.124 min Scan# 1966
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:252 Resp: 34707

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	10.8	7.6	11.4



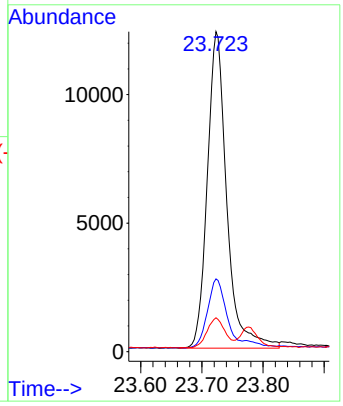
Instrument :
BNA_E
ClientSampleId :
PB135627BS

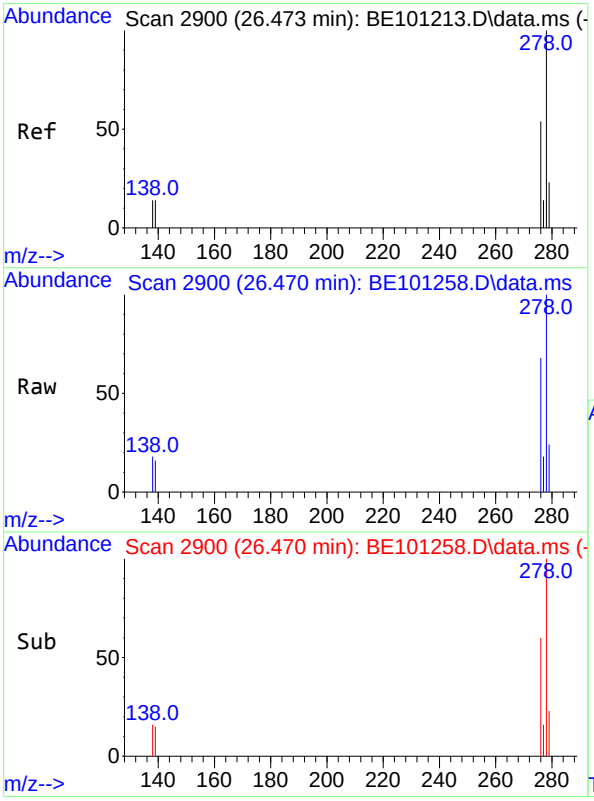


#39
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.723 min Scan# 2134
Delta R.T. -0.001 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:252 Resp: 27171

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.6	8.0	12.0

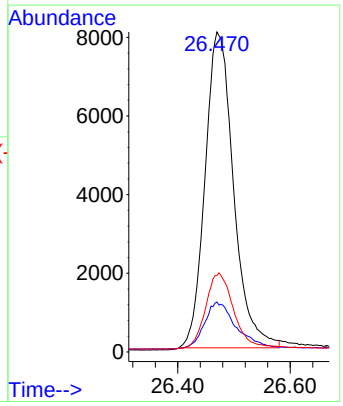


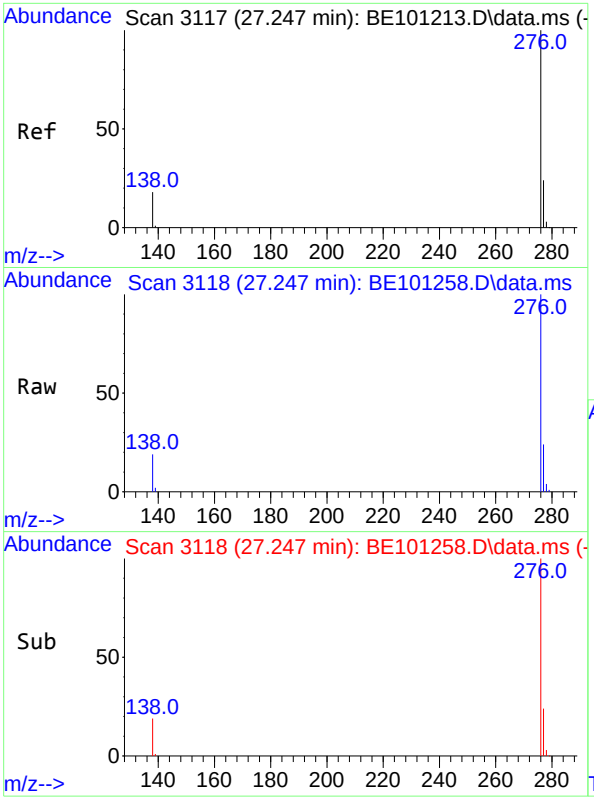


#40
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 26.470 min Scan# 2900
Delta R.T. -0.003 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:278 Resp: 28272

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.2	18.2
279	23.9	19.3	28.9

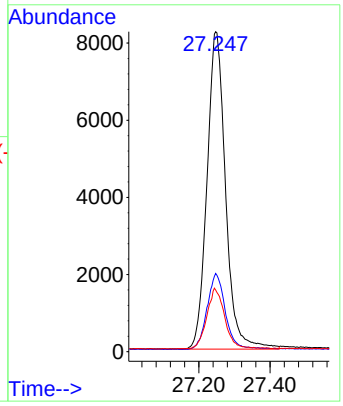




#41
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 27.247 min Scan# 3118
Delta R.T. 0.004 min
Lab File: BE101258.D
Acq: 9 Apr 2021 2:41

Tgt Ion:276 Resp: 29850

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	19.3	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
PB135627BS