Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101244.D
Acq On : 8 Apr 2021 12:33
Operator : CG/JU
Sample : M1951-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SW-1MS

Quant Time: Apr 08 13:36:05 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	7.829	152	3910	0.40	ng	# 0.00
7) Naphthalene-d8	10.615	136	18581	0.40	ng	0.00
13) Acenaphthene-d10	14.443	164	14211	0.40	ng	0.00
19) Phenanthrene-d10	17.195	188	40939	0.40	ng	#-0.01
29) Chrysene-d12	21.354	240	34473	0.40	ng	# 0.00
36) Perylene-d12	23.831	264	32800	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.422	112	1807	0.20	ng	0.00
5) Phenol-d6	6.989	99	1960	0.14	ng	0.00
8) Nitrobenzene-d5	8.978	82	5190	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.196	152	11222	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	2341	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	16231	0.32	ng	0.00
27) Fluoranthene-d10	19.215	212	205499	0.29	ng	0.00
31) Terphenyl-d14	19.812	244	52786	0.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	989	0.17	ng	# 49
3) n-Nitrosodimethylamine	3.672	42	1077	0.17	ng	# 88
6) bis(2-Chloroethyl)ether	7.254	93	4478	0.34	ng	97
9) Naphthalene	10.667	128	65129	0.32	ng	100
10) Hexachlorobutadiene	10.953	225	2363	0.27	ng	98
12) 2-Methylnaphthalene	12.268	142	11052	0.30	ng	97
16) Acenaphthylene	14.169	152	20352	0.37	ng	99
17) Acenaphthene	14.515	154	14488	0.35	ng	98
18) Fluorene	15.502	166	20106	0.36	ng	100
20) 4,6-Dinitro-2-methylph...	15.578	198	1419	0.38	ng	# 71
21) 4-Bromophenyl-phenylether	16.394	248	7284	0.36	ng	# 67
22) Hexachlorobenzene	16.515	284	6332	0.31	ng	99
23) Atrazine	16.666	200	7514	0.54	ng	96
24) Pentachlorophenol	16.848	266	5221	0.69	ng	99
25) Phenanthrene	17.241	178	45240	0.37	ng	99
26) Anthracene	17.331	178	40967	0.40	ng	99
28) Fluoranthene	19.244	202	58472	0.37	ng	98
30) Pyrene	19.605	202	58941	0.47	ng	99
32) Benzo(a)anthracene	21.342	228	41921	0.43	ng	98
33) Chrysene	21.390	228	41424	0.36	ng	99
34) Bis(2-ethylhexyl)phtha...	21.281	149	94306	1.34	ng	100
35) Indeno(1,2,3-cd)pyrene	26.437	276	41014	0.49	ng	99
37) Benzo(b)fluoranthene	23.071	252	39225	0.37	ng	99
38) Benzo(k)fluoranthene	23.071	252	39225	0.33	ng	98
39) Benzo(a)pyrene	23.717	252	33305	0.37	ng	# 97
40) Dibenzo(a,h)anthracene	26.466	278	32928	0.37	ng	98
41) Benzo(g,h,i)perylene	27.236	276	36011	0.37	ng	98

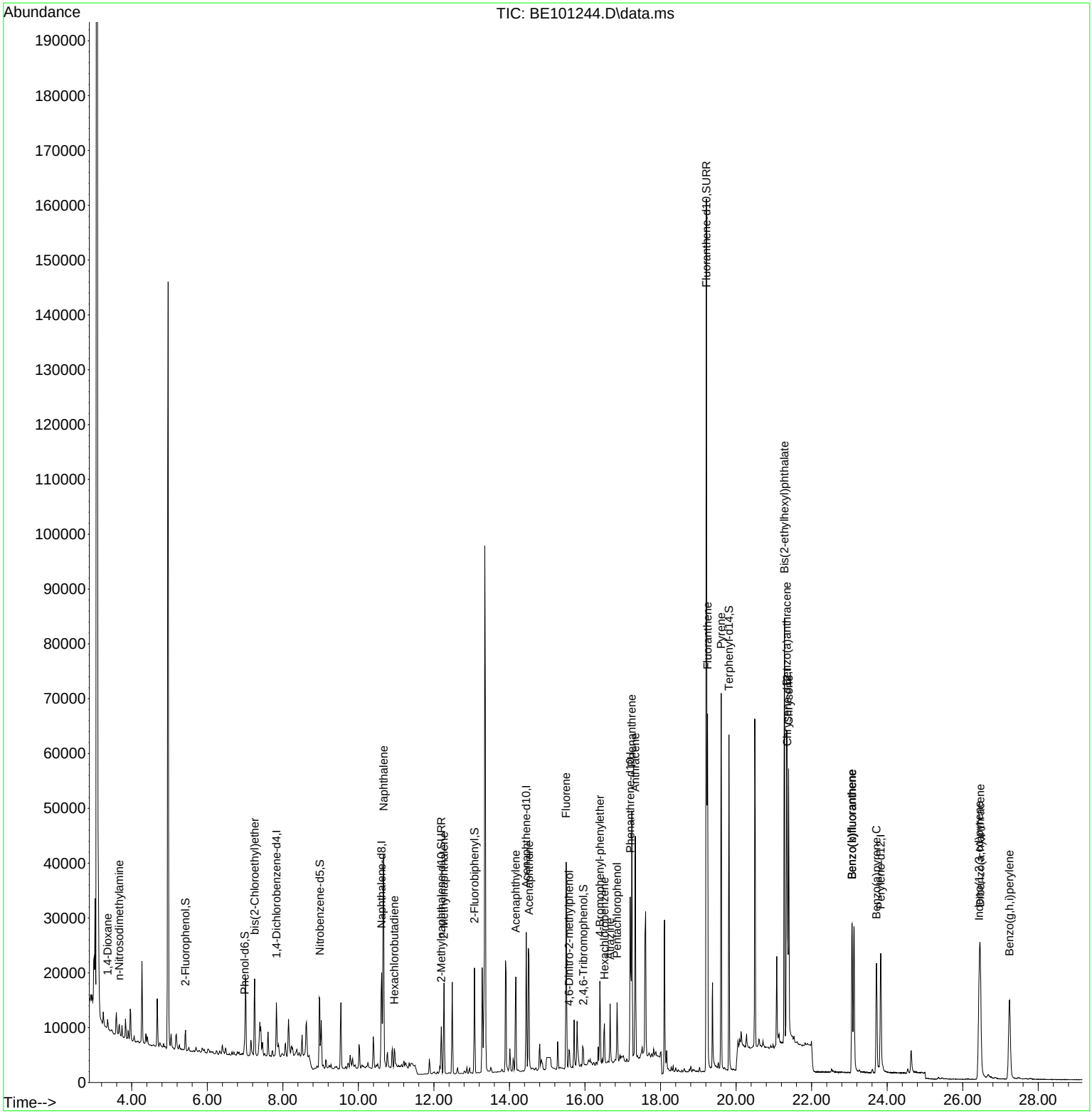
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

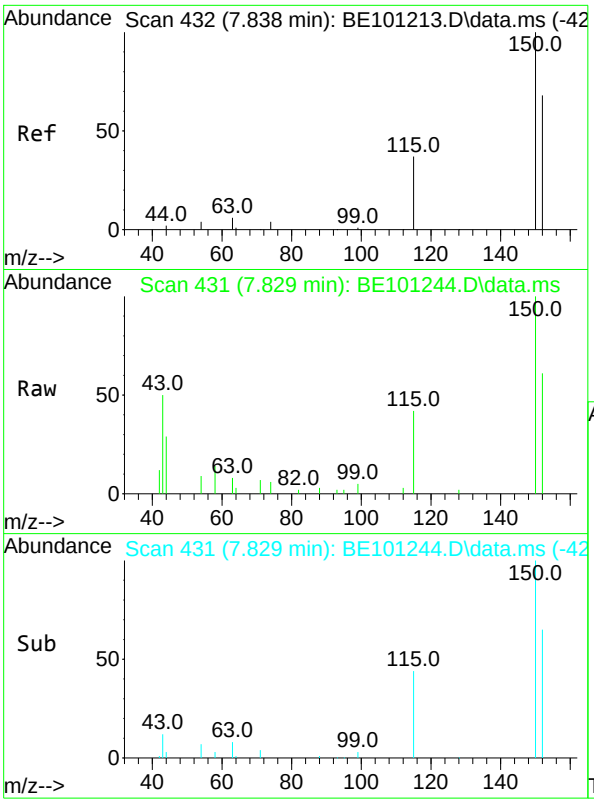
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101244.D
Acq On : 8 Apr 2021 12:33
Operator : CG/JU
Sample : M1951-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SW-1MS

Quant Time: Apr 08 13:36:05 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



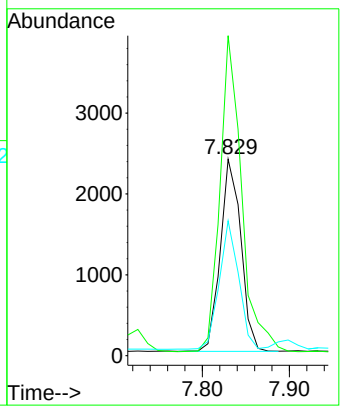
Instrument :
BNA_E
ClientSampleId :
SW-1MS

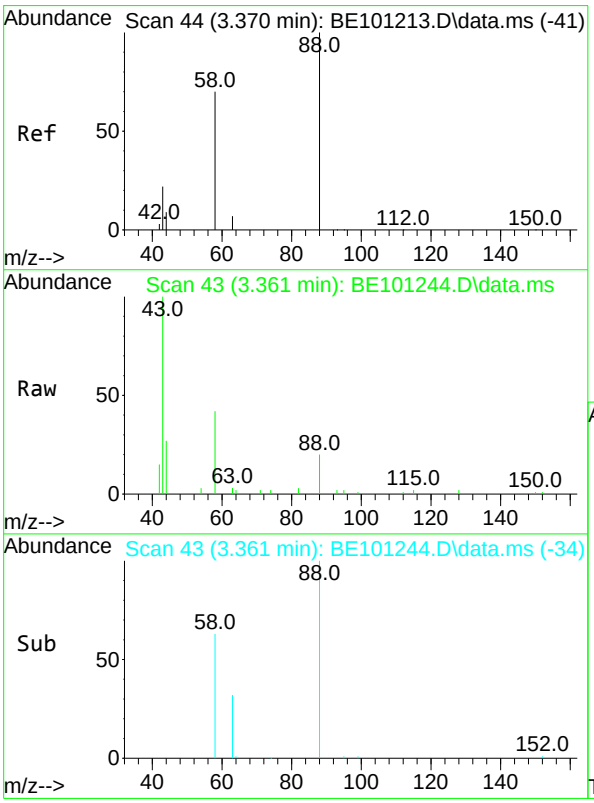


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.829 min Scan# 431
Delta R.T. -0.001 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:152 Resp: 3910

Ion	Ratio	Lower	Upper
152	100		
150	162.8	116.9	175.3
115	68.6	44.5	66.7#

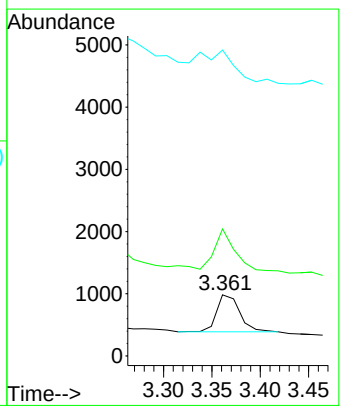




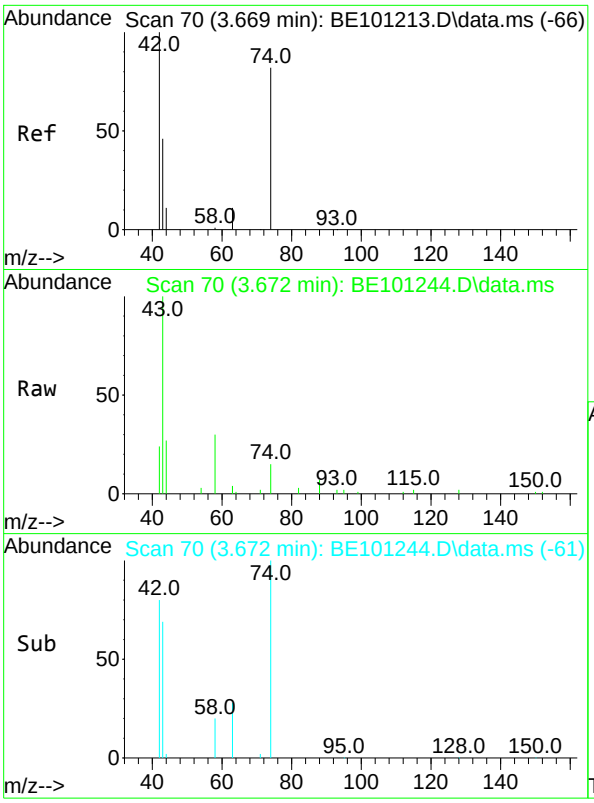
#2
1,4-Dioxane
Concen: 0.17 ng
RT: 3.361 min Scan# 43
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion: 88 Resp: 989

Ion	Ratio	Lower	Upper
88	100		
58	97.8	73.6	110.4
43	132.4	27.6	41.4#



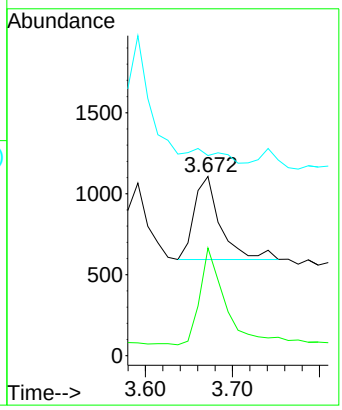
Instrument :
BNA_E
ClientSampleId :
SW-1MS

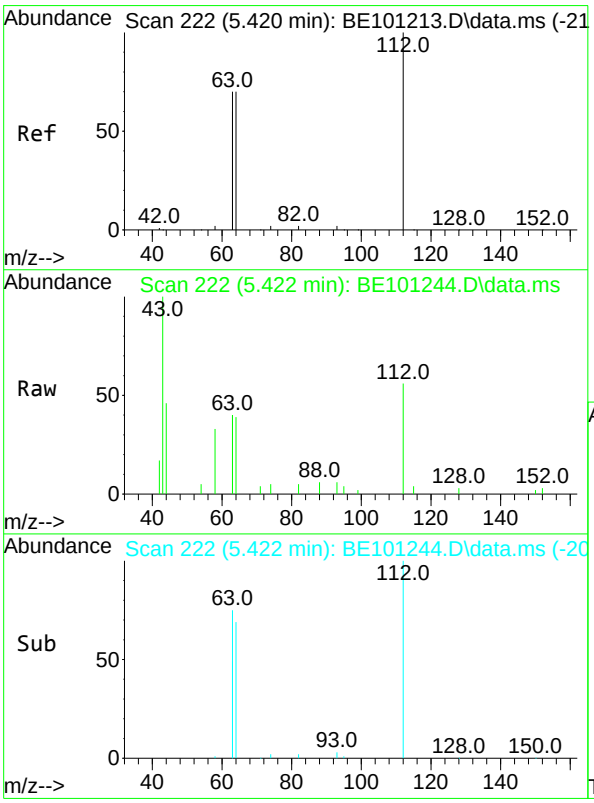


#3
n-Nitrosodimethylamine
Concen: 0.17 ng
RT: 3.672 min Scan# 70
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion: 42 Resp: 1077

Ion	Ratio	Lower	Upper
42	100		
74	105.6	92.7	139.1
44	0.0	10.7	16.1#

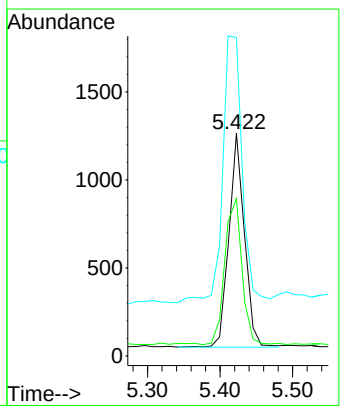




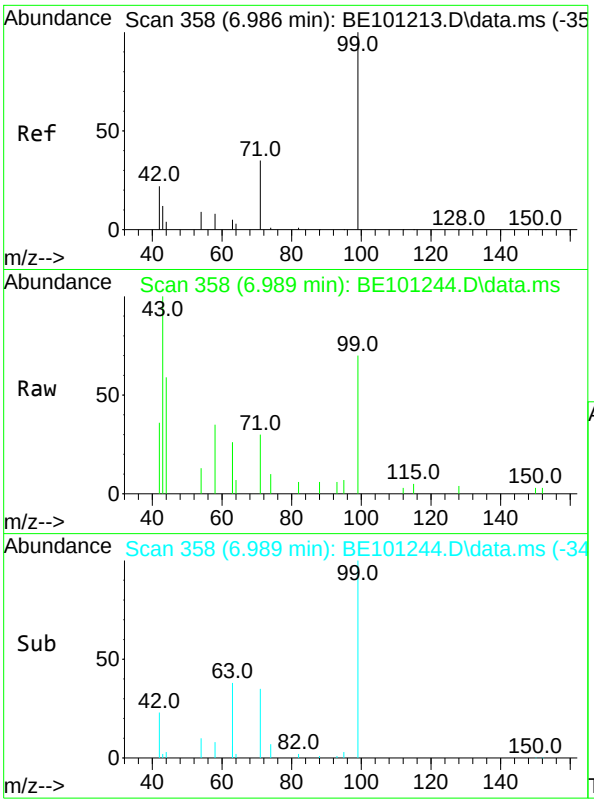
#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.422 min Scan# 222
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:112 Resp: 1807

Ion	Ratio	Lower	Upper
112	100		
64	75.4	62.3	93.5
63	155.3	117.3	175.9



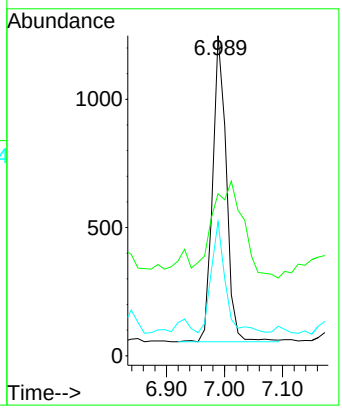
Instrument :
BNA_E
ClientSampleId :
SW-1MS

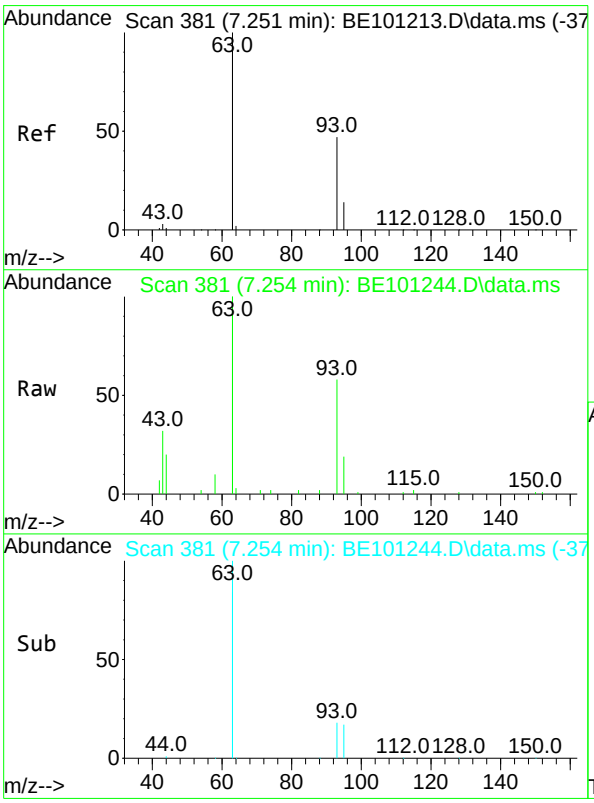


#5
Phenol-d6
Concen: 0.14 ng
RT: 6.989 min Scan# 358
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion: 99 Resp: 1960

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.5	27.7#
71	36.9	26.5	39.7

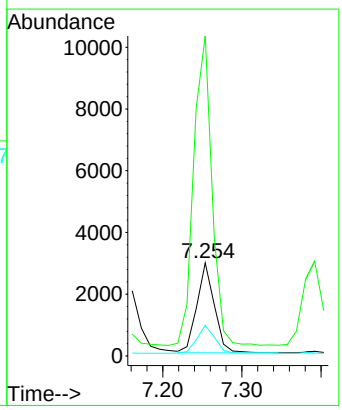




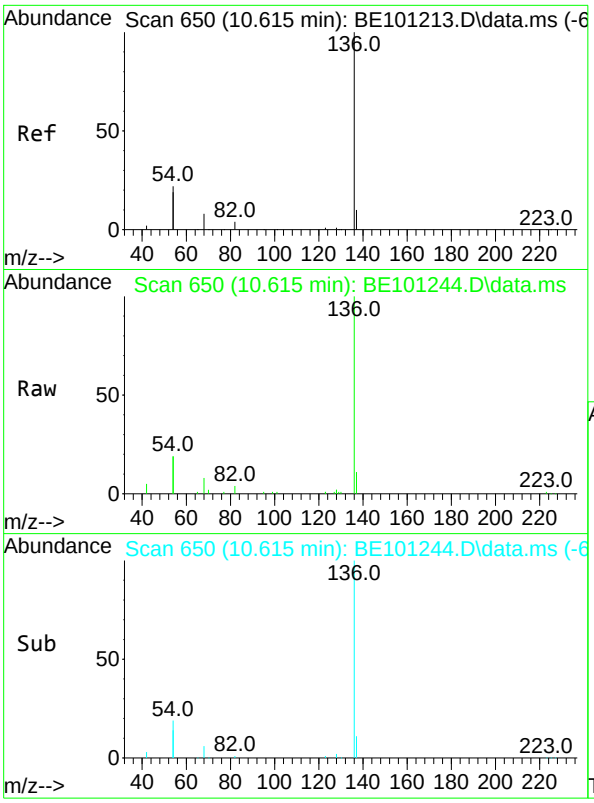
#6
bis(2-Chloroethyl)ether
Concen: 0.34 ng
RT: 7.254 min Scan# 381
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion: 93 Resp: 4478

Ion	Ratio	Lower	Upper
93	100		
63	358.6	292.5	438.7
95	31.5	25.7	38.5



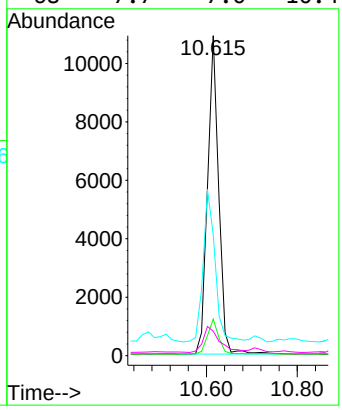
Instrument :
BNA_E
ClientSampleId :
SW-1MS

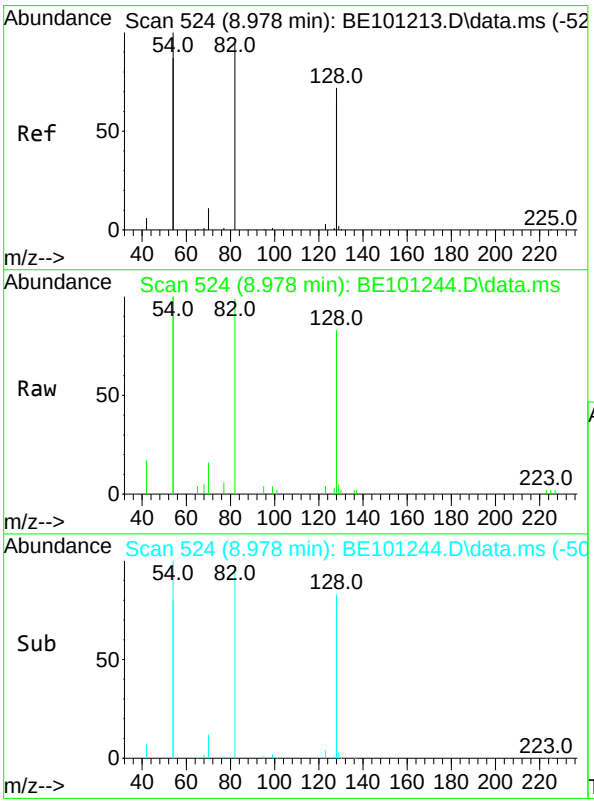


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.001 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:136 Resp: 18581

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	37.8	34.7	52.1
68	7.7	7.0	10.4

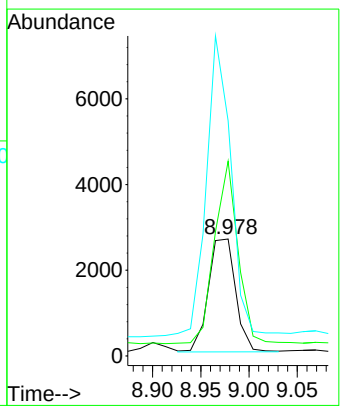


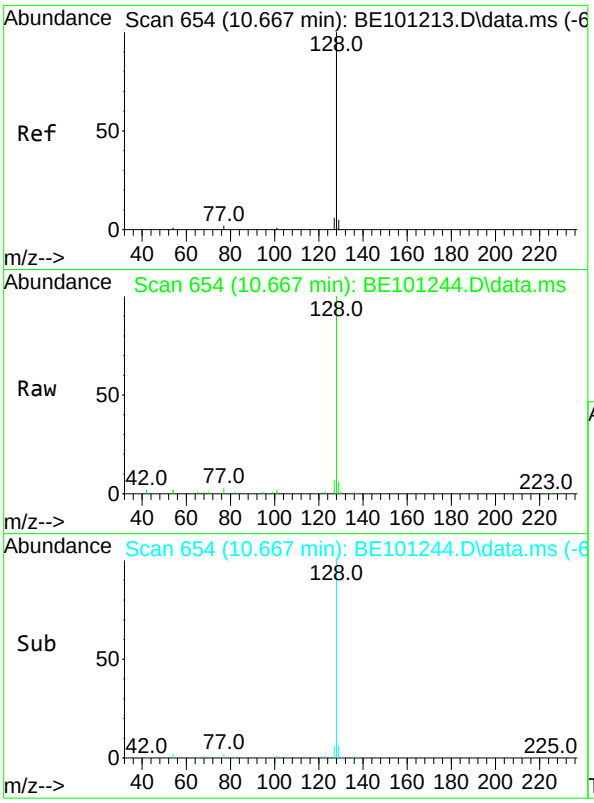


#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.001 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion: 82 Resp: 5190

Ion	Ratio	Lower	Upper
82	100		
128	166.6	118.7	178.1
54	201.2	164.4	246.6

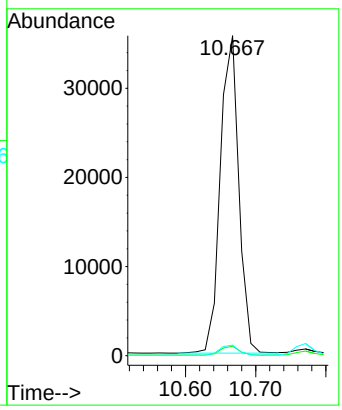




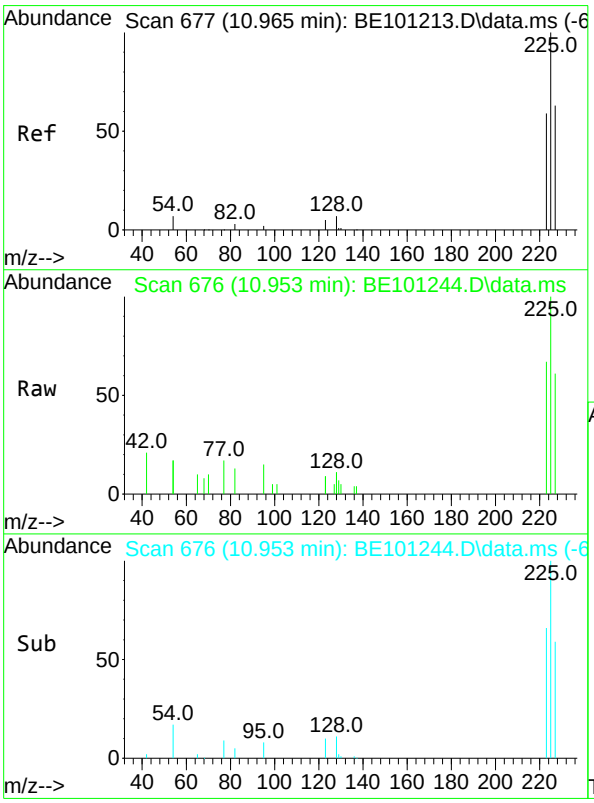
#9
Naphthalene
Concen: 0.32 ng
RT: 10.667 min Scan# 654
Delta R.T. 0.001 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:128 Resp: 65129

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.2	3.4
127	3.3	2.6	3.8



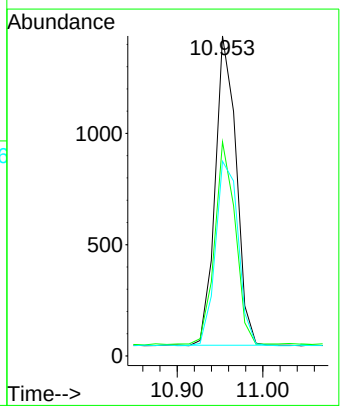
Instrument :
BNA_E
ClientSampleId :
SW-1MS



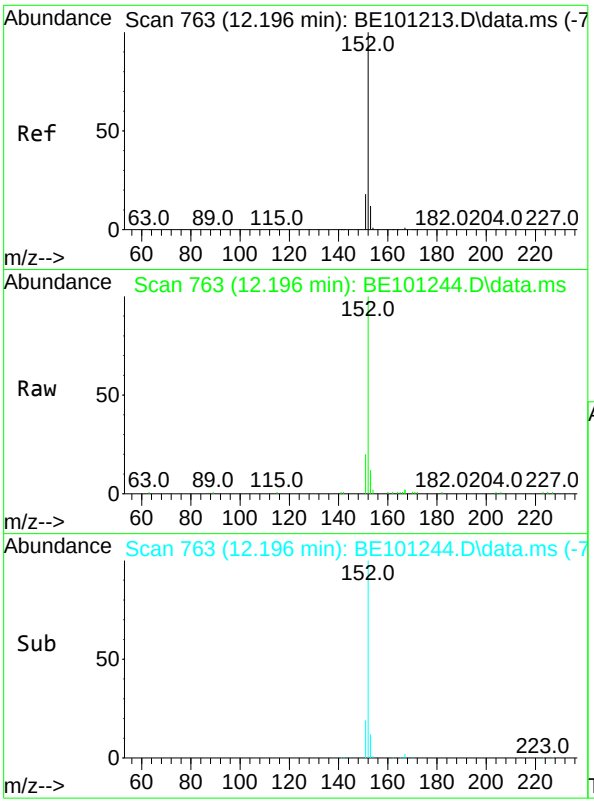
#10
Hexachlorobutadiene
Concen: 0.27 ng
RT: 10.953 min Scan# 676
Delta R.T. -0.012 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:225 Resp: 2363

Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.4	75.6
227	64.7	50.1	75.1



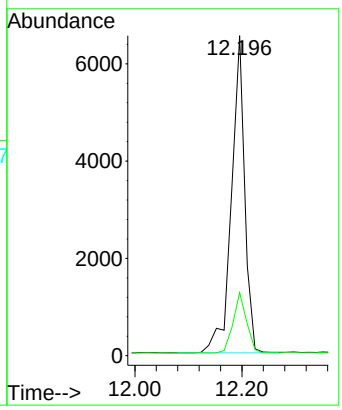
Instrument :
BNA_E
ClientSampleId :
SW-1MS

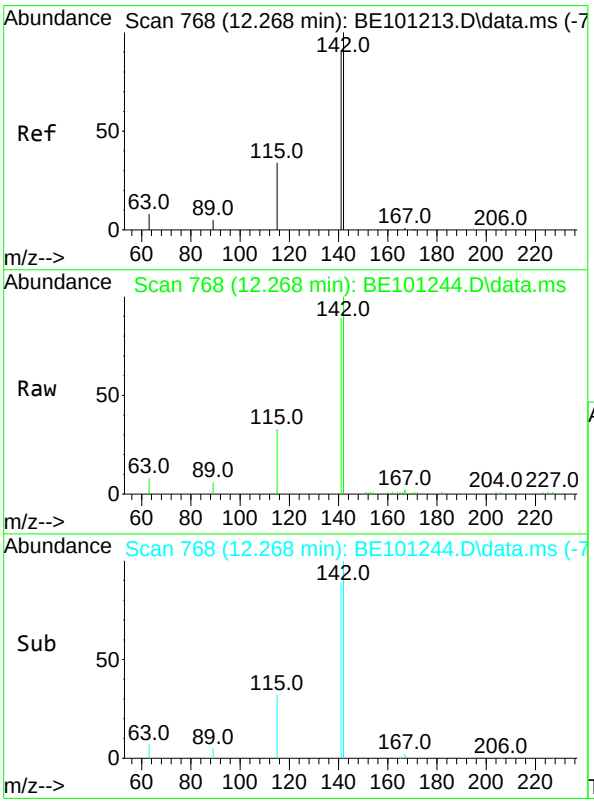


#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.196 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:152 Resp: 11222

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.5	24.7

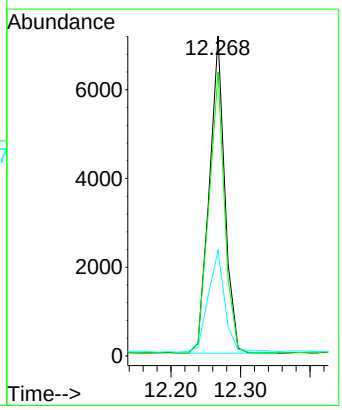


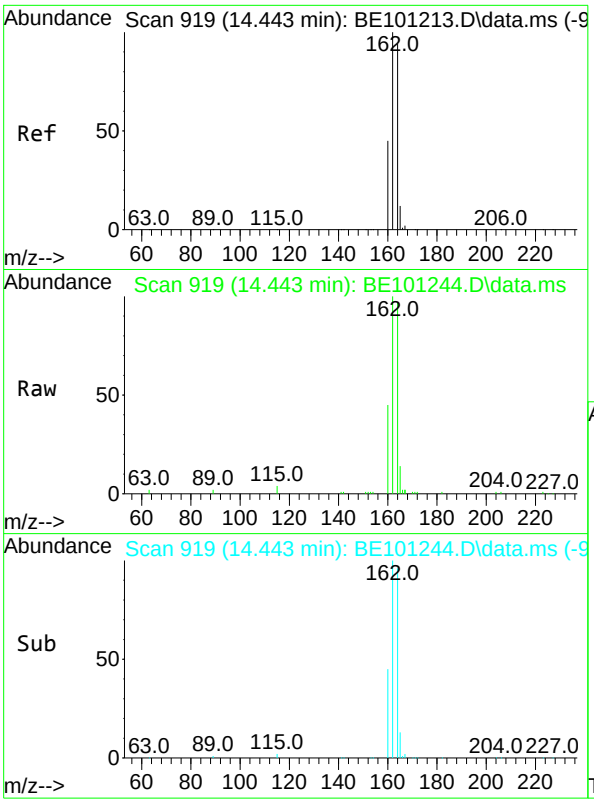


#12
2-Methylnaphthalene
Concen: 0.30 ng
RT: 12.268 min Scan# 768
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:142 Resp: 11052

Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.0	109.6
115	33.0	27.8	41.8

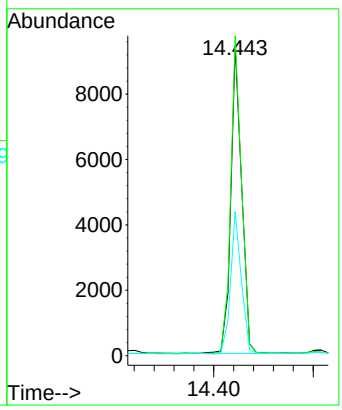




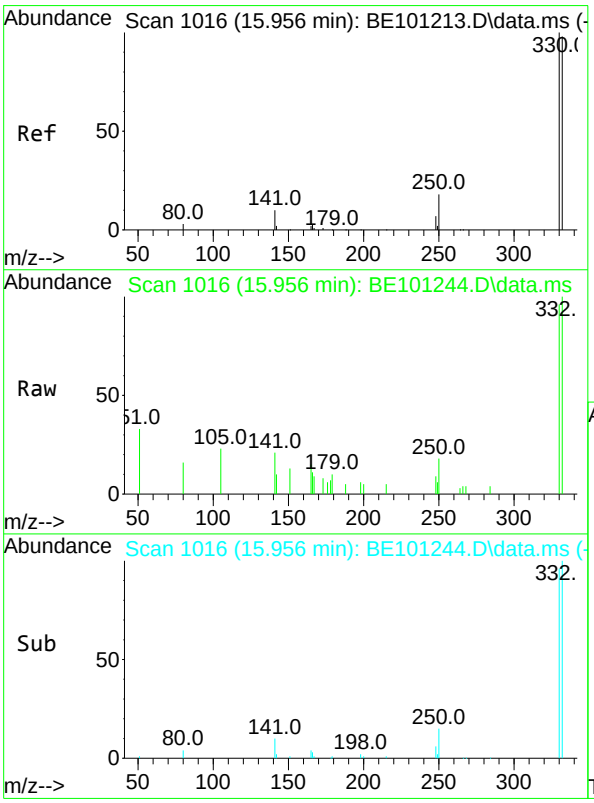
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:164 Resp: 14211

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.3	127.9
160	46.6	39.1	58.7



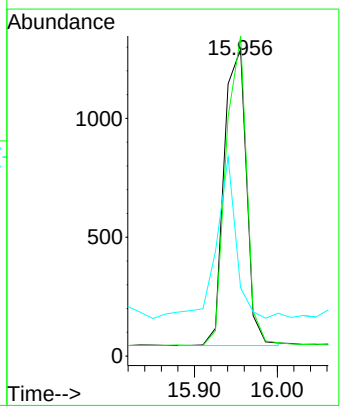
Instrument :
BNA_E
ClientSampleId :
SW-1MS

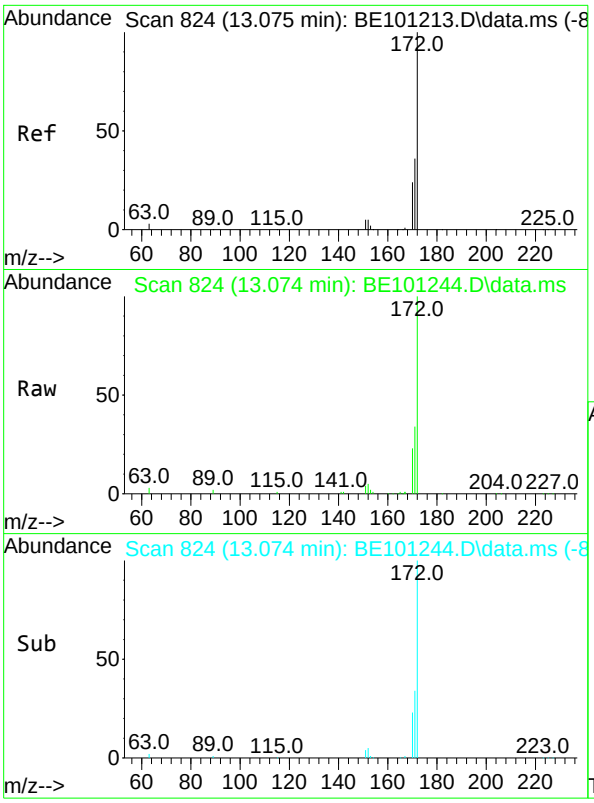


#14
2,4,6-Tribromophenol
Concen: 0.61 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:330 Resp: 2341

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	46.1	30.4	45.6#

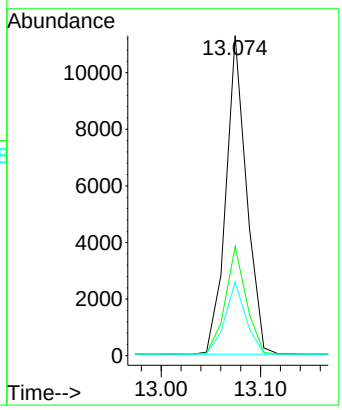




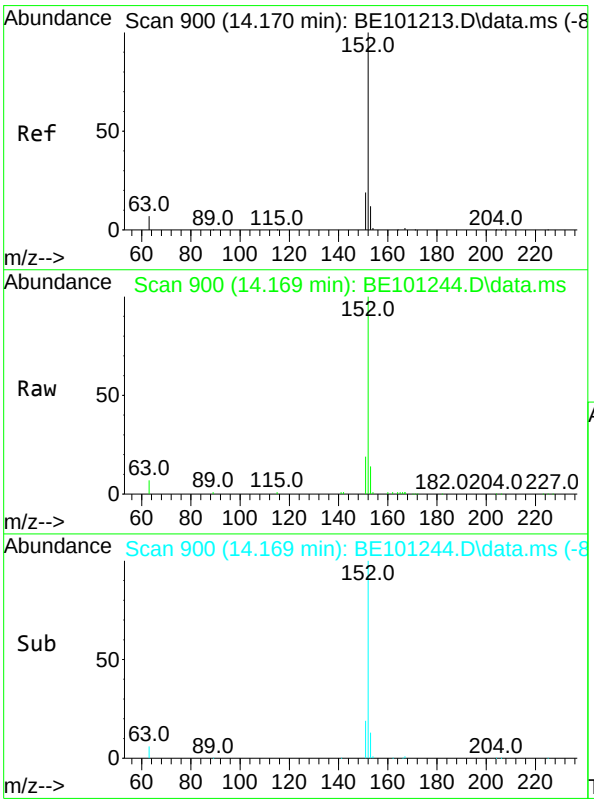
#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:172 Resp: 16231

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.7	43.1
170	23.1	19.3	28.9



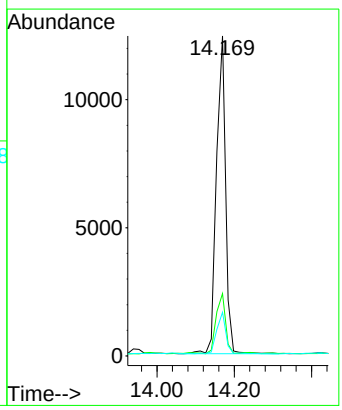
Instrument :
BNA_E
ClientSampleId :
SW-1MS



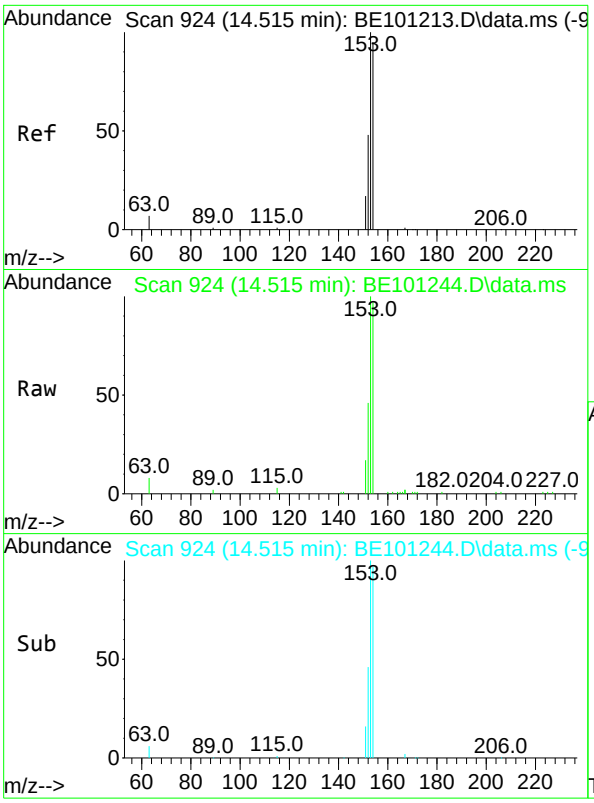
#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:152 Resp: 20352

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.4	10.0	15.0



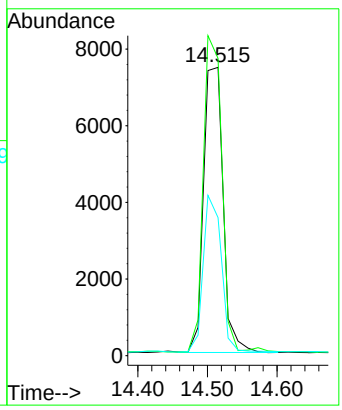
Instrument :
BNA_E
ClientSampleId :
SW-1MS

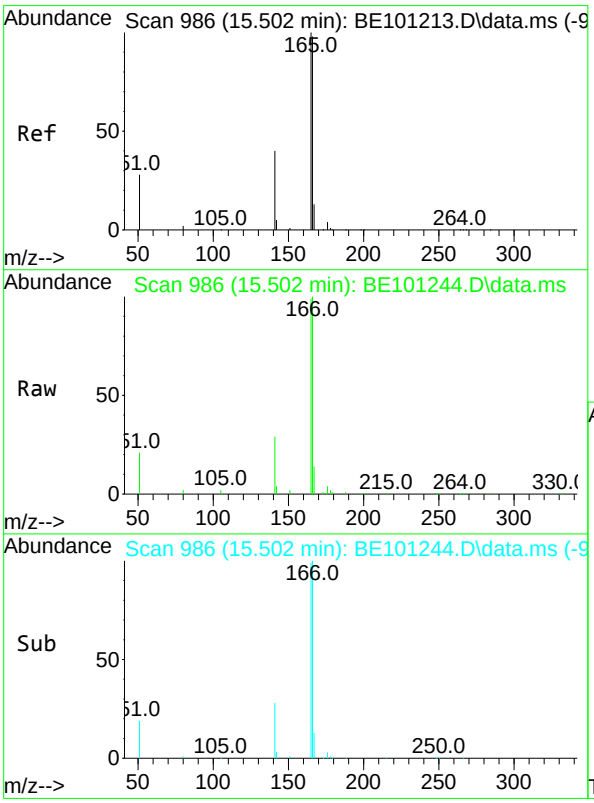


#17
Acenaphthene
Concen: 0.35 ng
RT: 14.515 min Scan# 924
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:154 Resp: 14488

Ion	Ratio	Lower	Upper
154	100		
153	105.3	84.9	127.3
152	51.1	42.7	64.1

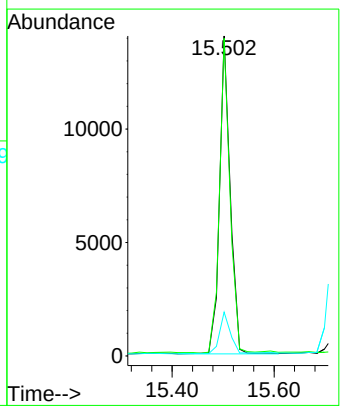




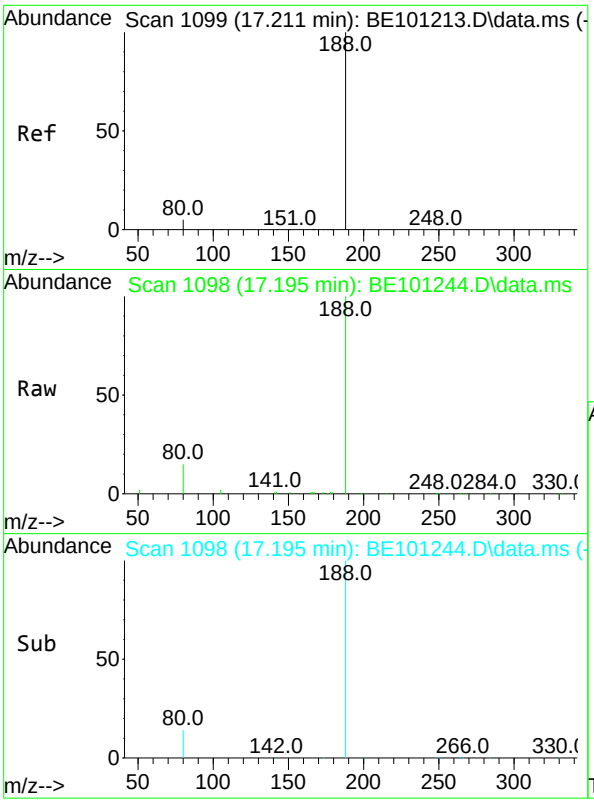
#18
Fluorene
Concen: 0.36 ng
RT: 15.502 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:166 Resp: 20106

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.4
167	13.5	11.0	16.4



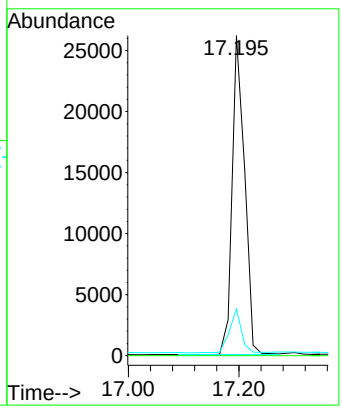
Instrument :
BNA_E
ClientSampleId :
SW-1MS

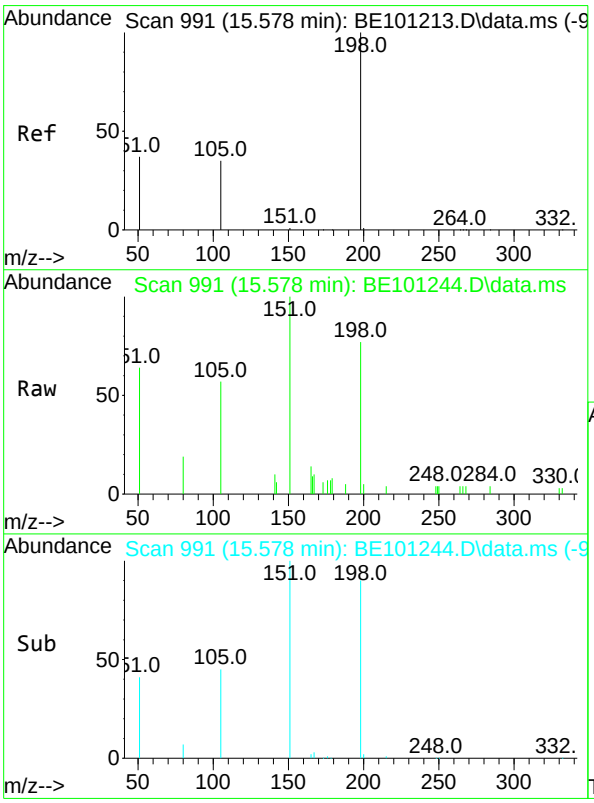


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.195 min Scan# 1098
Delta R.T. -0.015 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:188 Resp: 40939

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	4.6	6.8#

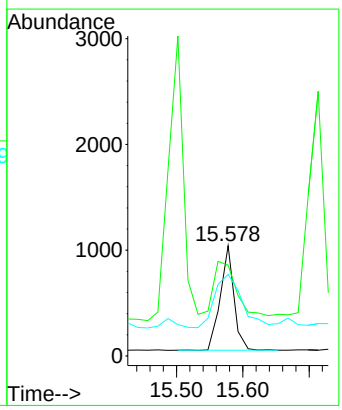


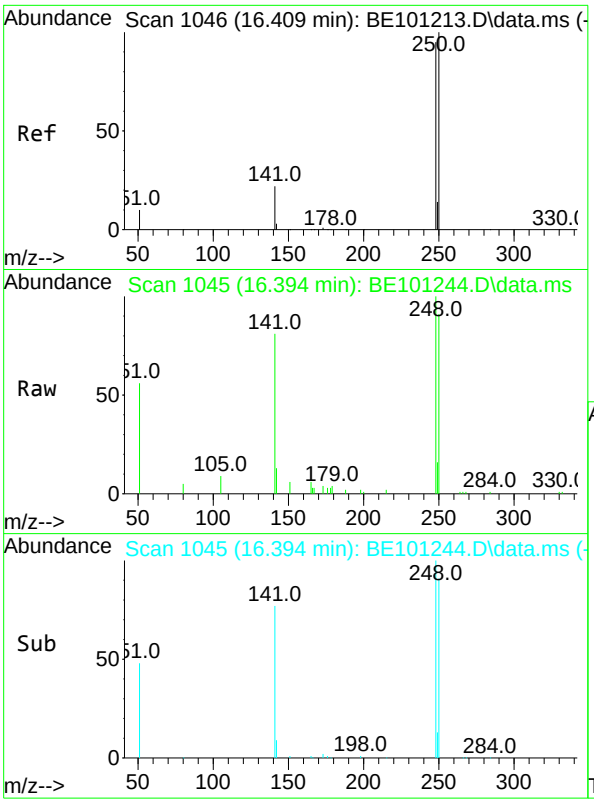


#20
4,6-Dinitro-2-methylphenol
Concen: 0.38 ng
RT: 15.578 min Scan# 991
Delta R.T. 0.001 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:198 Resp: 1419

Ion	Ratio	Lower	Upper
198	100		
51	82.5	55.9	83.9
105	74.0	33.6	50.4#

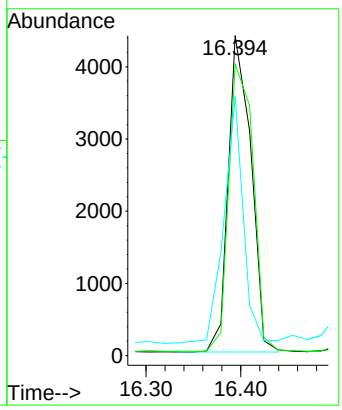




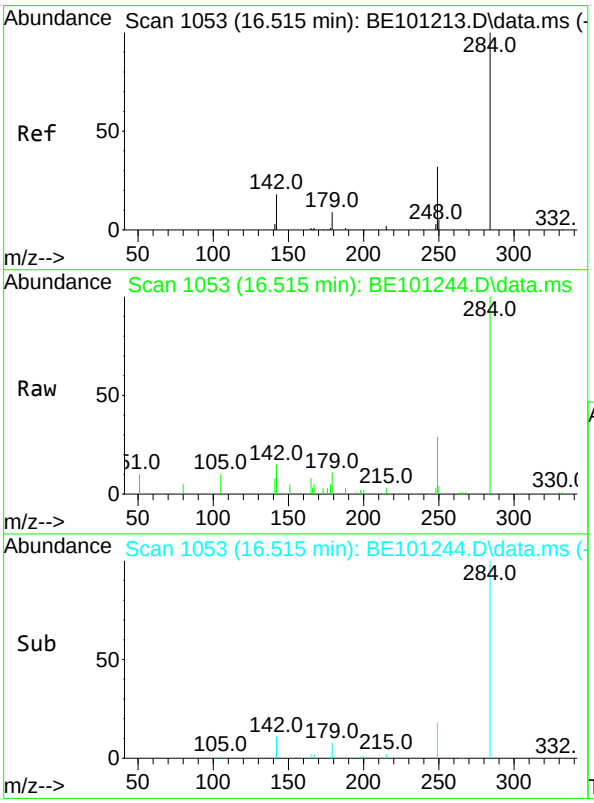
#21
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.394 min Scan# 1045
Delta R.T. -0.015 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:248 Resp: 7284

Ion	Ratio	Lower	Upper
248	100		
250	91.1	84.5	126.7
141	81.0	19.8	29.8#



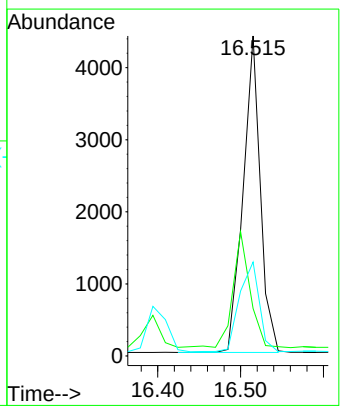
Instrument :
BNA_E
ClientSampleId :
SW-1MS



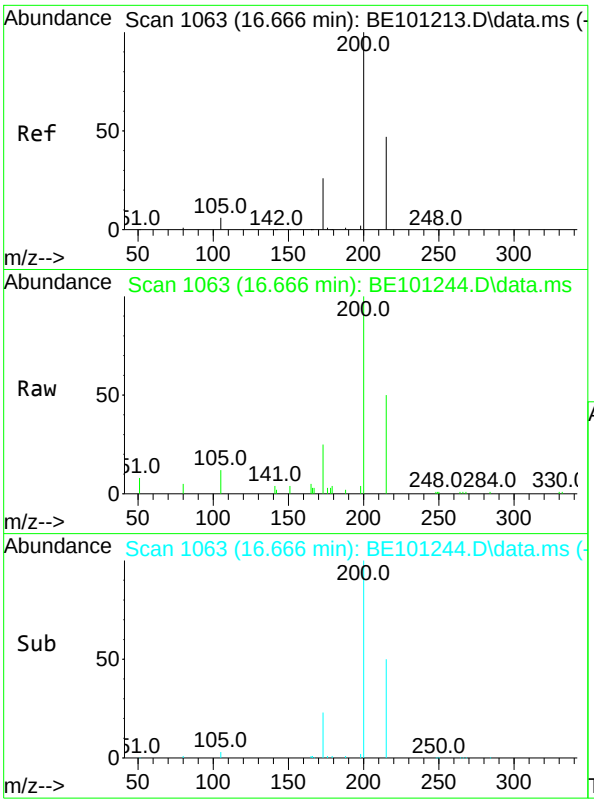
#22
Hexachlorobenzene
Concen: 0.31 ng
RT: 16.515 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:284 Resp: 6332

Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.4	41.0
249	32.5	26.5	39.7



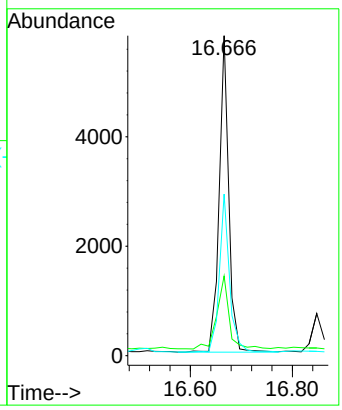
Instrument :
BNA_E
ClientSampleId :
SW-1MS

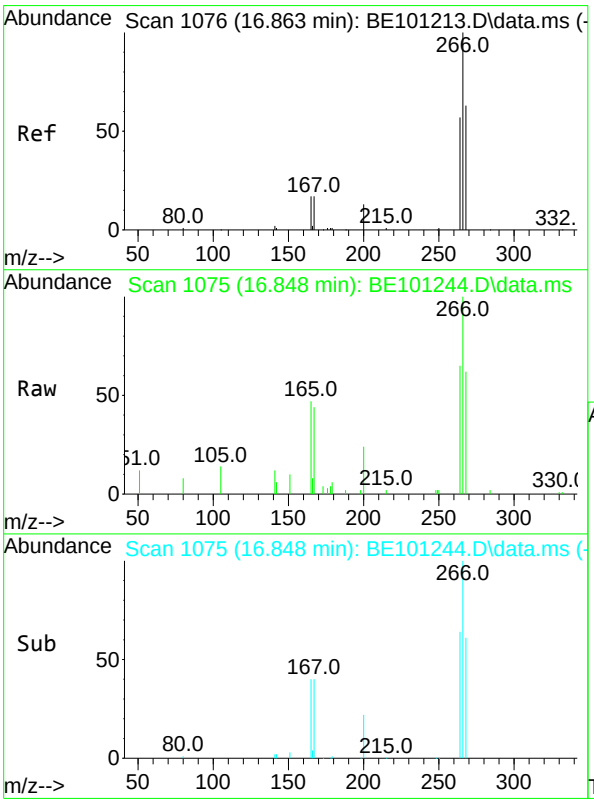


#23
Atrazine
Concen: 0.54 ng
RT: 16.666 min Scan# 1063
Delta R.T. 0.001 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:200 Resp: 7514

Ion	Ratio	Lower	Upper
200	100		
173	24.9	21.9	32.9
215	50.5	38.6	57.8

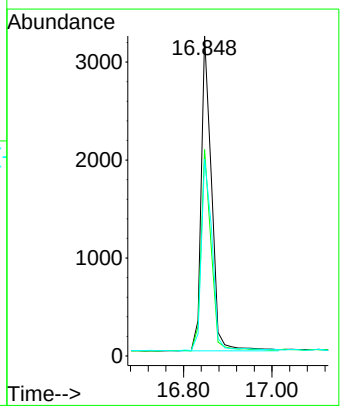




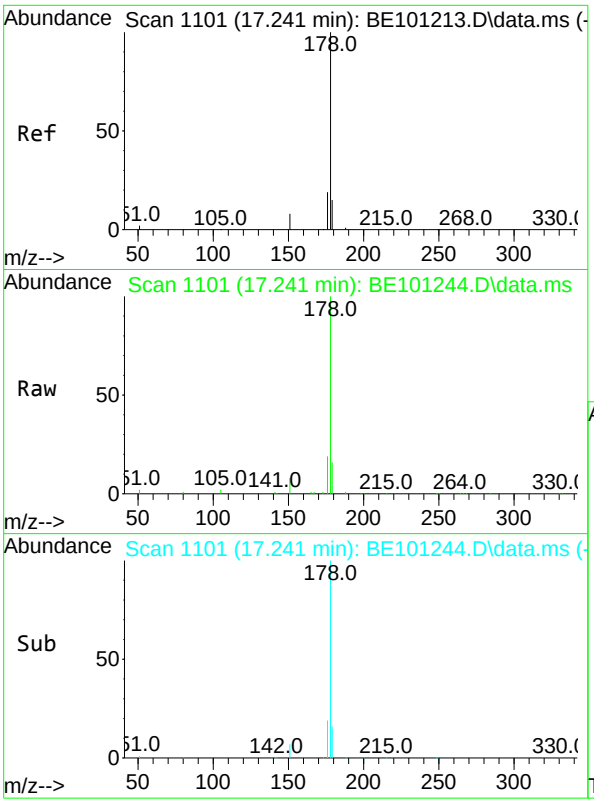
#24
Pentachlorophenol
Concen: 0.69 ng
RT: 16.848 min Scan# 1075
Delta R.T. -0.015 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:266 Resp: 5221

Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.1	73.7
268	64.8	50.6	76.0



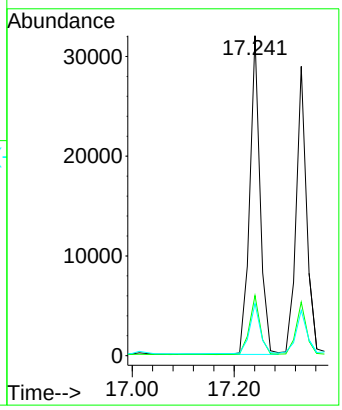
Instrument :
BNA_E
ClientSampleId :
SW-1MS

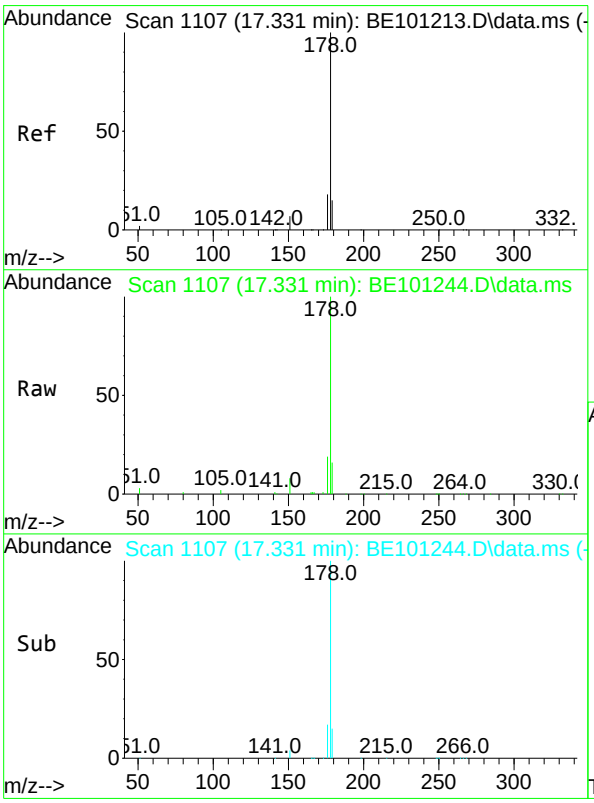


#25
Phenanthrene
Concen: 0.37 ng
RT: 17.241 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:178 Resp: 45240

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	16.4	12.2	18.4

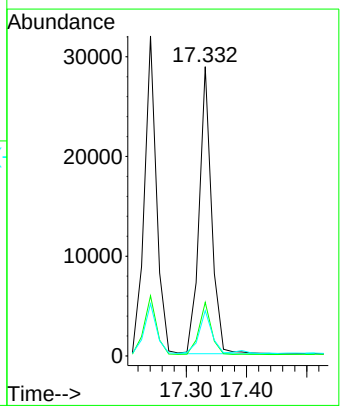


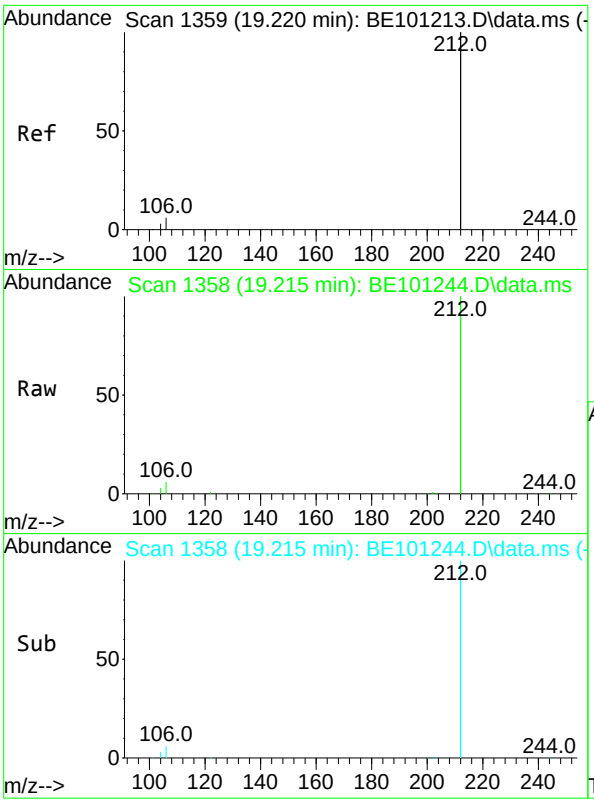


#26
Anthracene
Concen: 0.40 ng
RT: 17.331 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:178 Resp: 40967

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.4	21.6
179	15.3	11.8	17.8

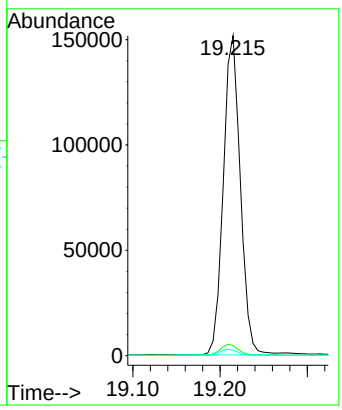




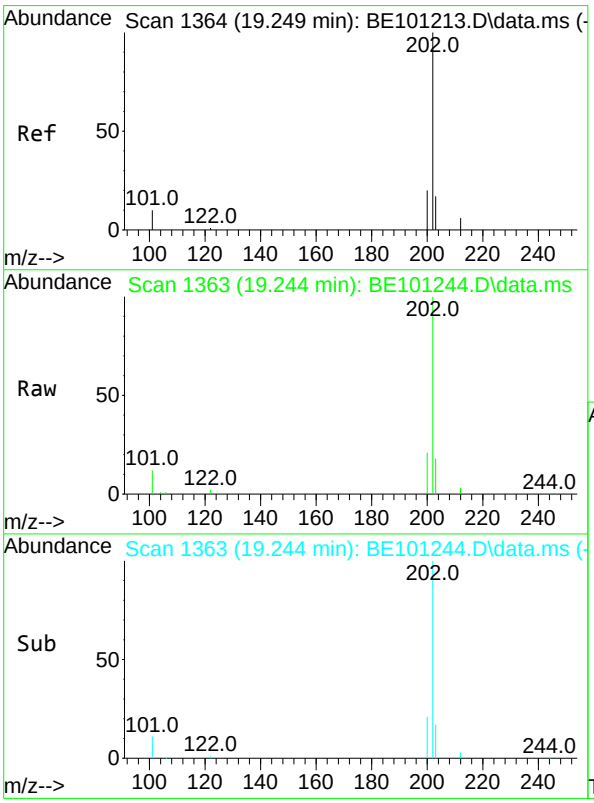
#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.215 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:212 Resp: 205499

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.6	4.0
104	2.0	1.4	2.2



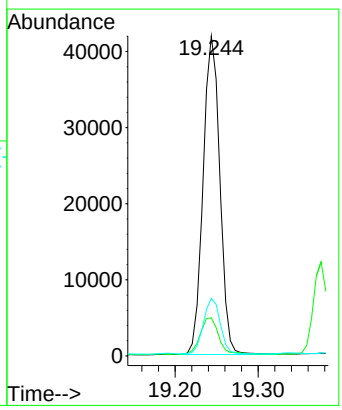
Instrument :
BNA_E
ClientSampleId :
SW-1MS



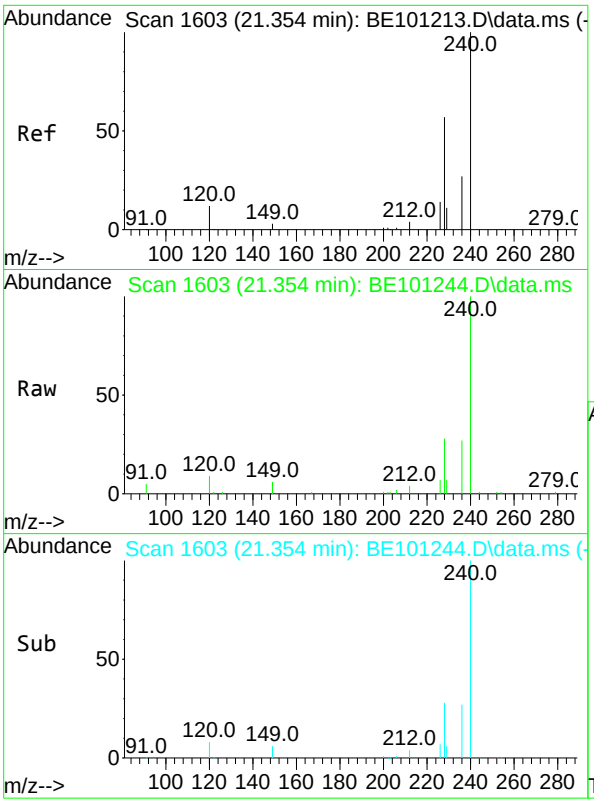
#28
Fluoranthene
Concen: 0.37 ng
RT: 19.244 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:202 Resp: 58472

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.1	13.7
203	17.3	13.6	20.4



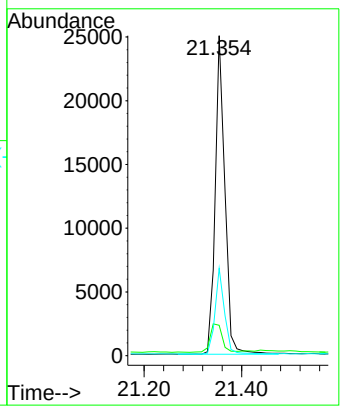
Instrument :
BNA_E
ClientSampleId :
SW-1MS

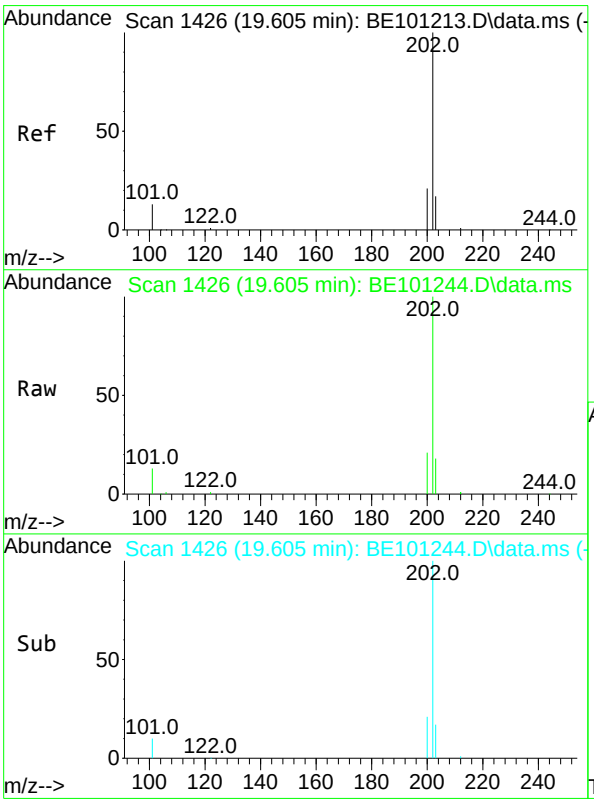


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:240 Resp: 34473

Ion	Ratio	Lower	Upper
240	100		
120	9.5	10.2	15.4#
236	27.3	21.7	32.5

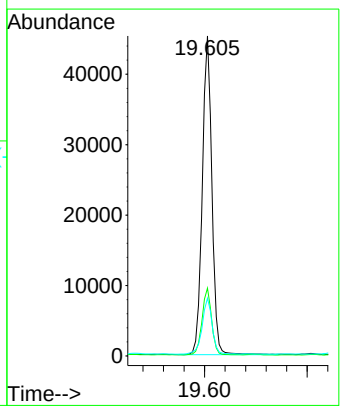




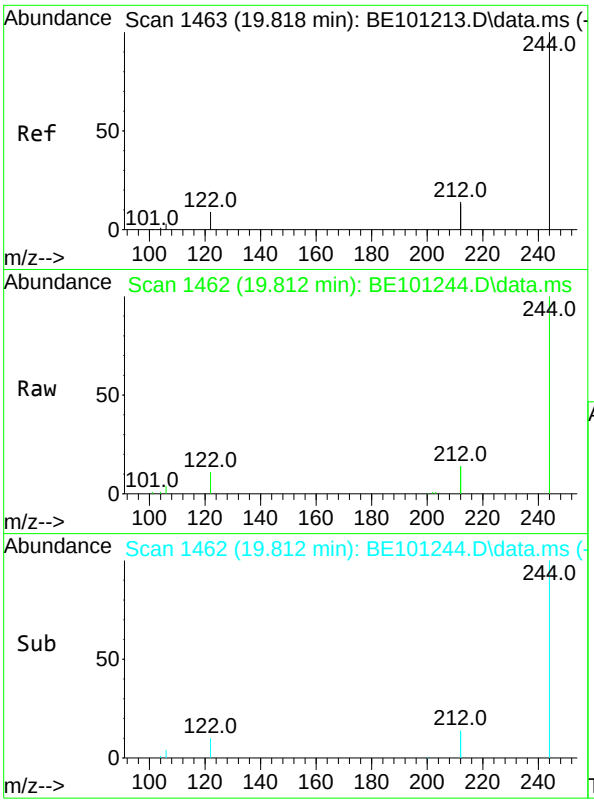
#30
Pyrene
Concen: 0.47 ng
RT: 19.605 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:202 Resp: 58941

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.2	13.8	20.8



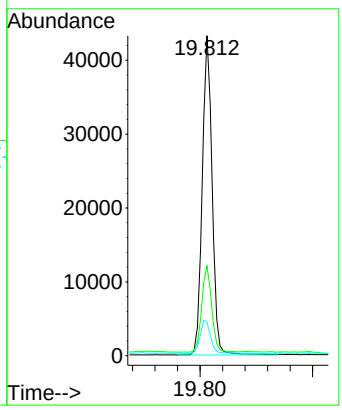
Instrument :
BNA_E
ClientSampleId :
SW-1MS

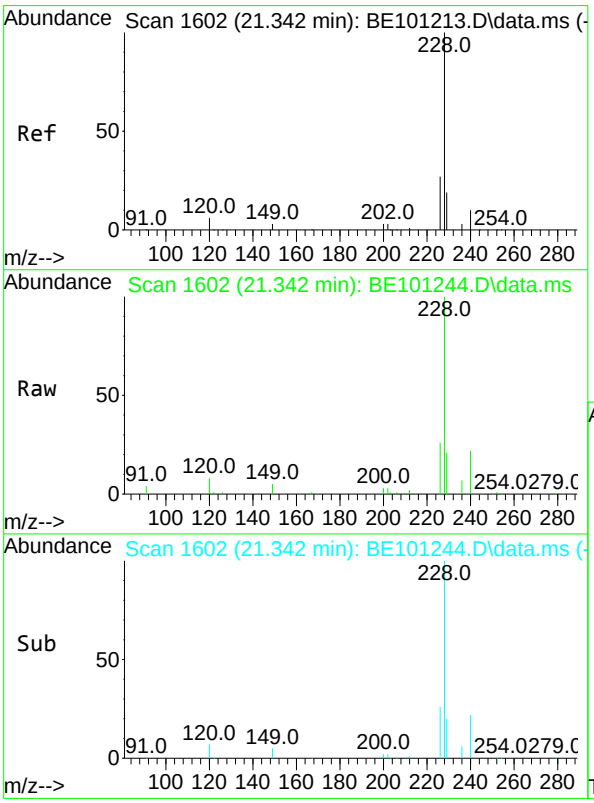


#31
Terphenyl-d14
Concen: 0.57 ng
RT: 19.812 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:244 Resp: 52786

Ion	Ratio	Lower	Upper
244	100		
212	28.0	21.9	32.9
122	10.5	7.3	10.9

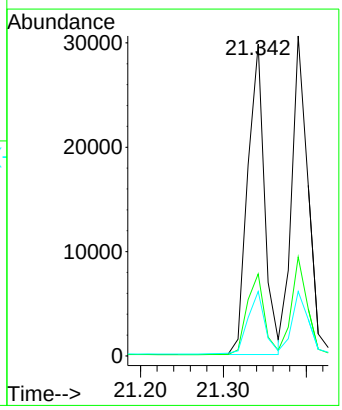




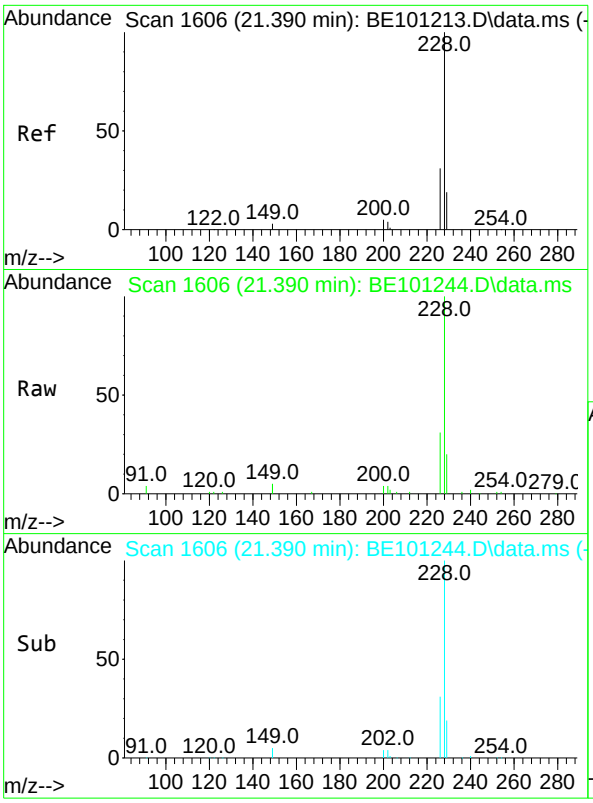
#32
Benzo(a)anthracene
Concen: 0.43 ng
RT: 21.342 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:228 Resp: 41921

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.4	32.2
229	20.7	15.7	23.5



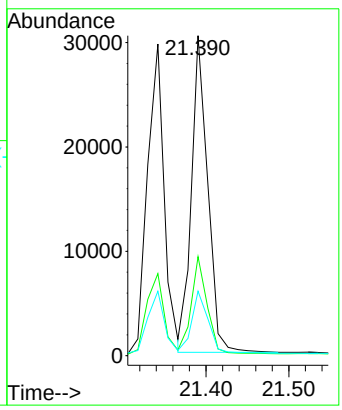
Instrument :
BNA_E
ClientSampleId :
SW-1MS

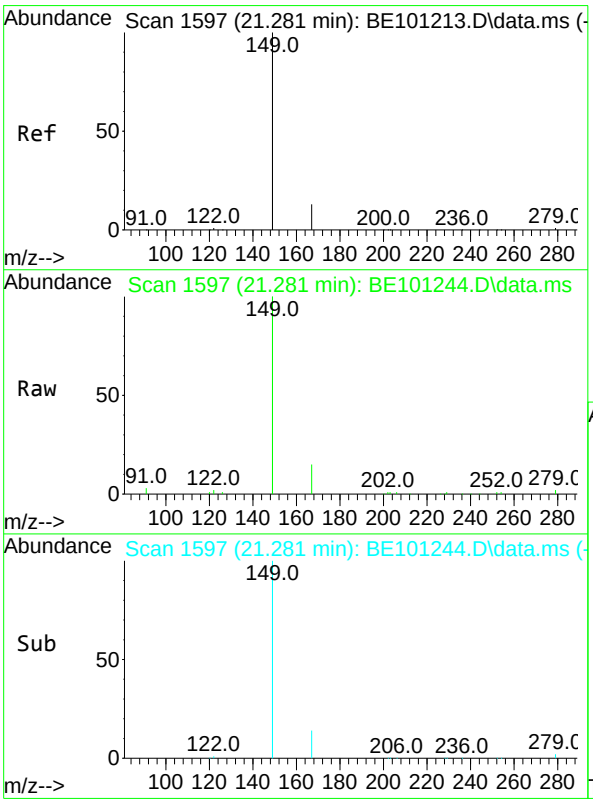


#33
Chrysene
Concen: 0.36 ng
RT: 21.390 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:228 Resp: 41424

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	20.1	15.2	22.8

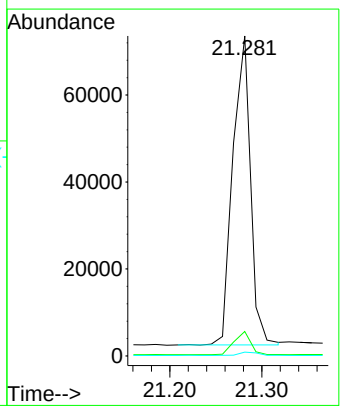


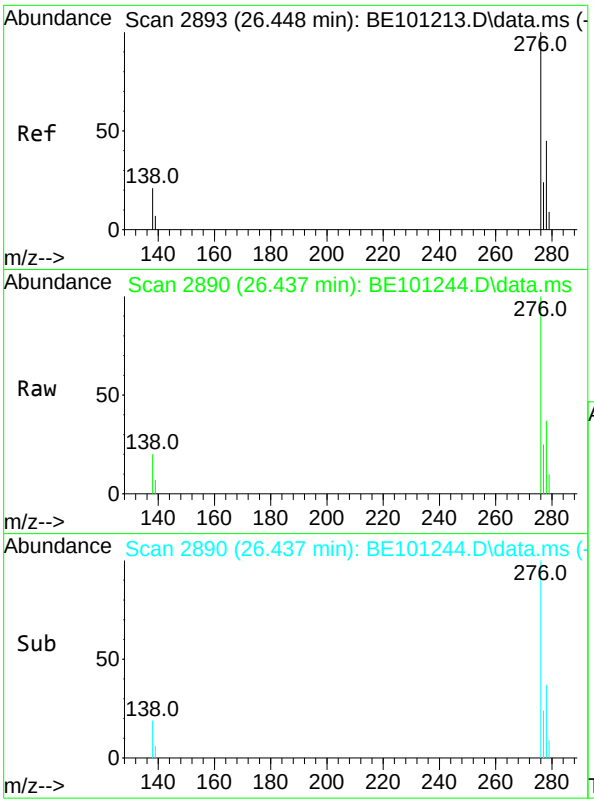


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.34 ng
RT: 21.281 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:149 Resp: 94306

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.5	8.3
279	1.2	1.0	1.4

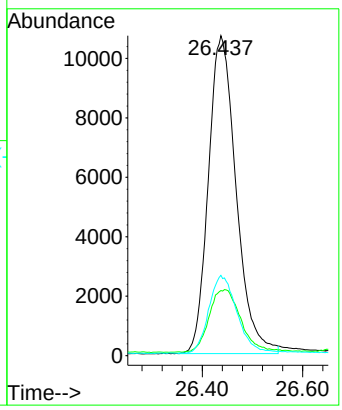




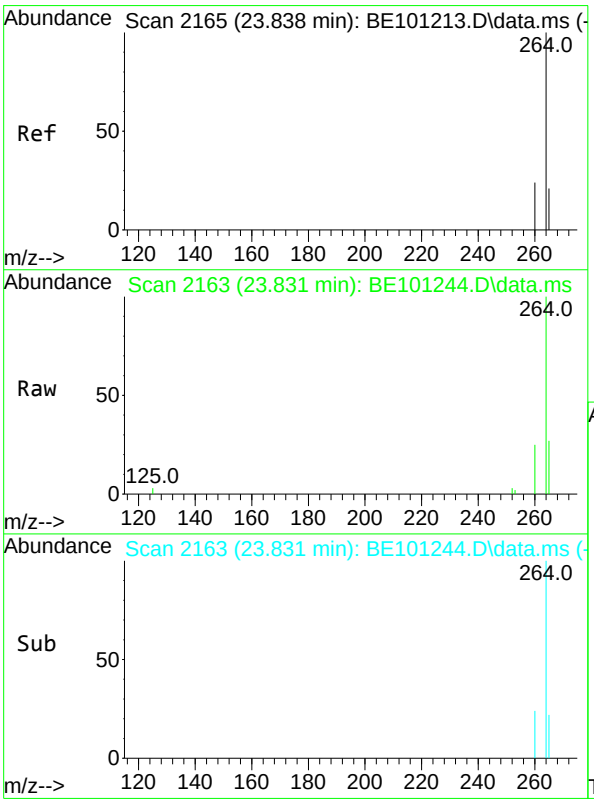
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.49 ng
RT: 26.437 min Scan# 2890
Delta R.T. -0.008 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:276 Resp: 41014

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.4	26.0
277	24.8	19.8	29.8



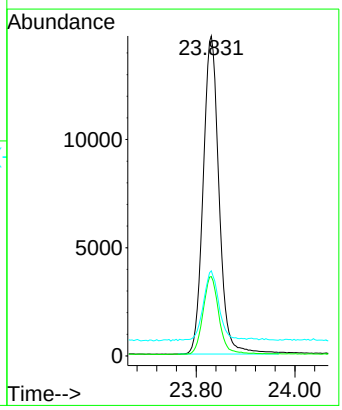
Instrument :
BNA_E
ClientSampleId :
SW-1MS



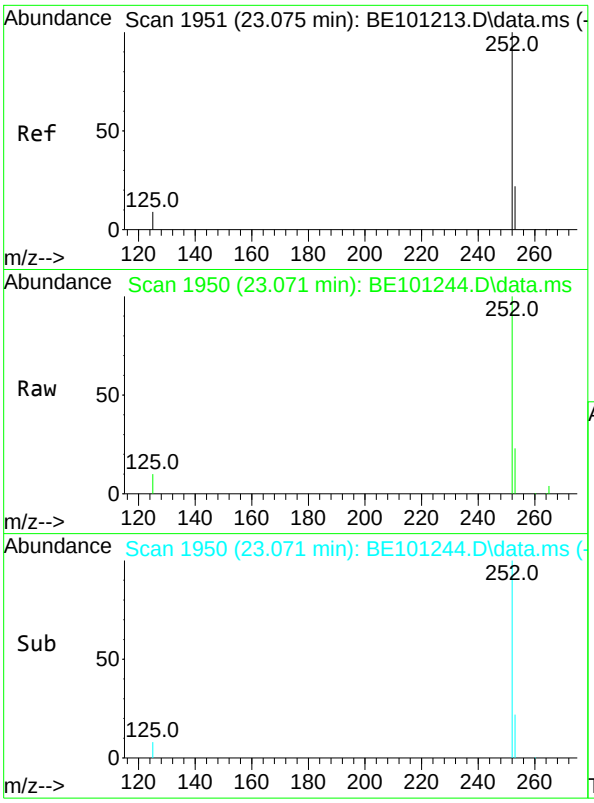
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.831 min Scan# 2163
Delta R.T. -0.004 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:264 Resp: 32800

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	26.6	22.4	33.6



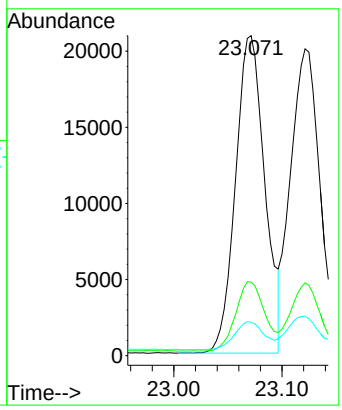
Instrument :
BNA_E
ClientSampleId :
SW-1MS

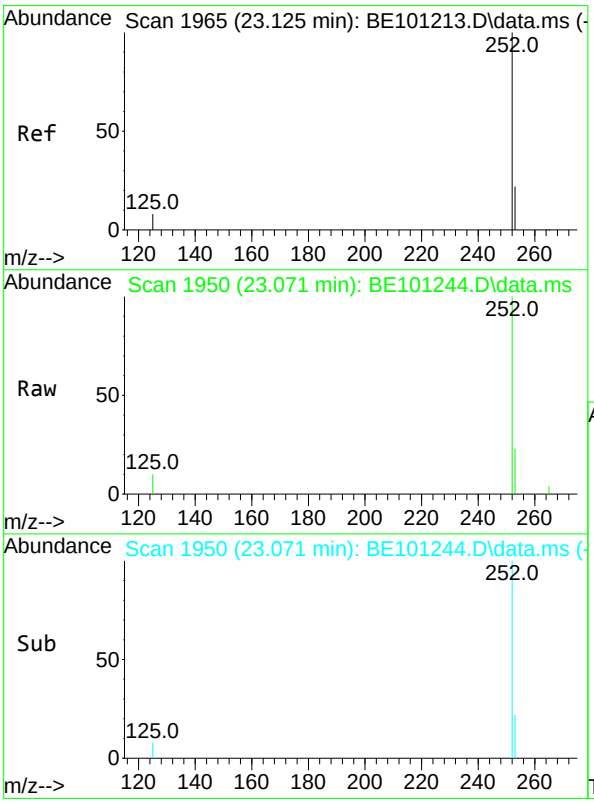


#37
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 23.071 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:252 Resp: 39225

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.5	7.6	11.4

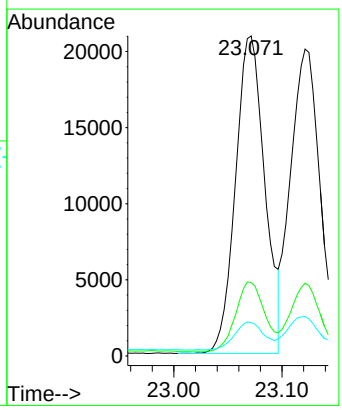




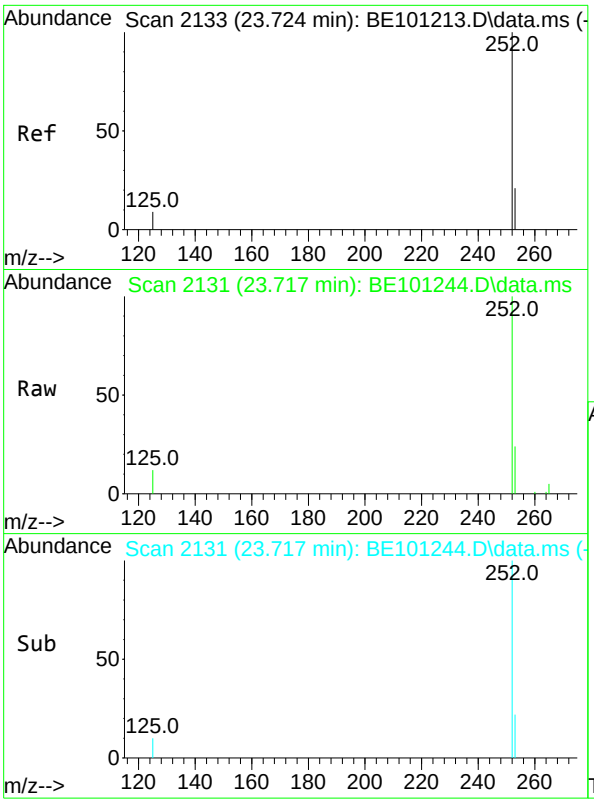
#38
Benzo(k)fluoranthene
Concen: 0.33 ng
RT: 23.071 min Scan# 1950
Delta R.T. -0.054 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:252 Resp: 39225

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	10.5	7.6	11.4



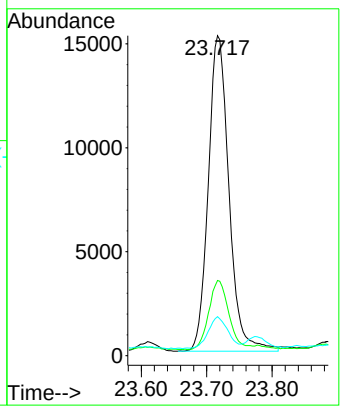
Instrument :
BNA_E
ClientSampleId :
SW-1MS

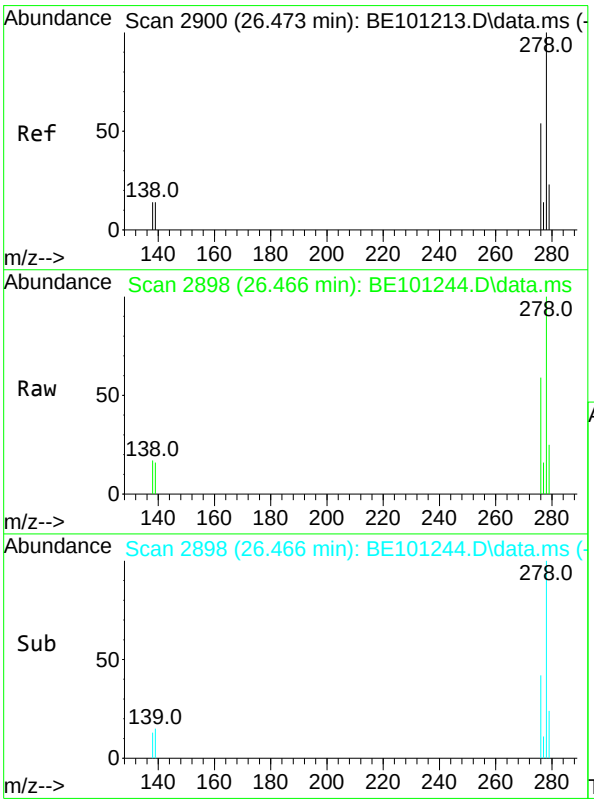


#39
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.717 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:252 Resp: 33305

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.2	8.0	12.0#

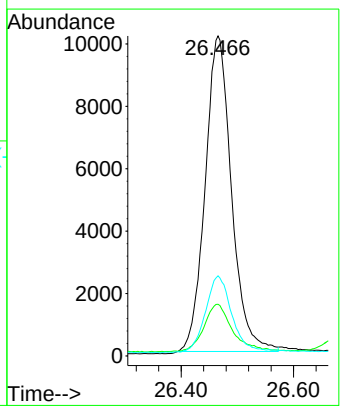


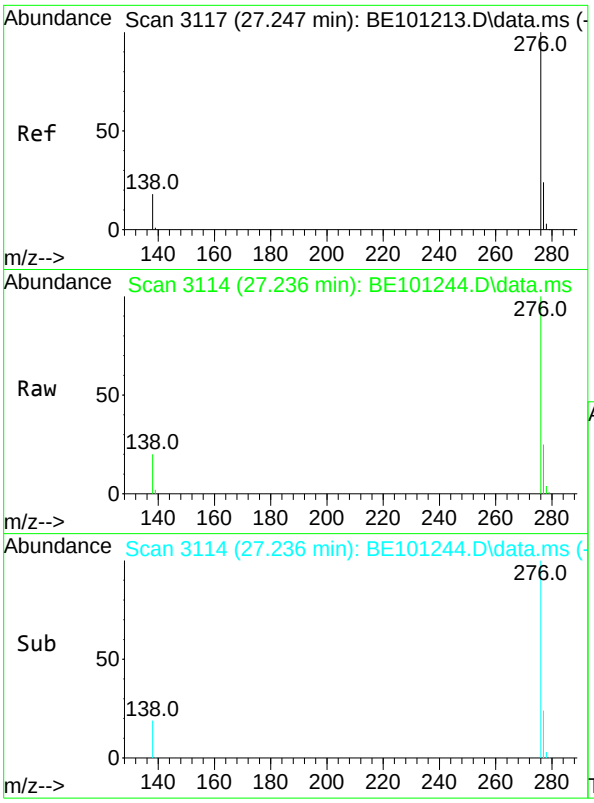


#40
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.466 min Scan# 2898
Delta R.T. -0.008 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:278 Resp: 32928

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.2	18.2
279	25.0	19.3	28.9

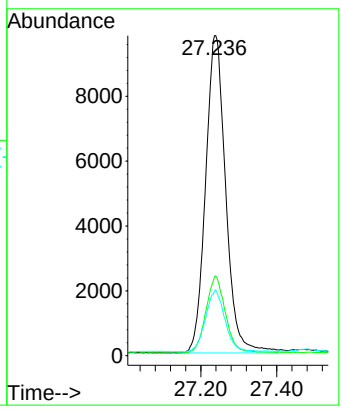




#41
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.236 min Scan# 3114
Delta R.T. -0.008 min
Lab File: BE101244.D
Acq: 8 Apr 2021 12:33

Tgt Ion:276 Resp: 36011

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.0
138	20.3	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
SW-1MS