Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021821\
Data File : BN013665.D
Acq On : 18 Feb 2021 11:07
Operator : CG/JU
Sample : PB134685BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134685BS

Quant Time: Feb 18 11:44:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152	6622	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	26281	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	14487	0.40	ng		0.00
19) Phenanthrene-d10	16.933	188	29341	0.40	ng	#	0.00
29) Chrysene-d12	21.141	240	27506	0.40	ng	#	0.01
36) Perylene-d12	23.302	264	25744	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.172	112	6138	0.43	ng		0.00
5) Phenol-d6	6.726	99	7571	0.42	ng		0.00
8) Nitrobenzene-d5	8.680	82	5489	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.902	152	15944	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1419	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	21423	0.39	ng		0.00
27) Fluoranthene-d10	18.972	212	29907	0.38	ng		0.00
31) Terphenyl-d14	19.583	244	24717	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	2729	0.37	ng		97
3) n-Nitrosodimethylamine	3.488	42	2201	0.41	ng	#	98
6) bis(2-Chloroethyl)ether	6.984	93	6571	0.41	ng		99
9) Naphthalene	10.353	128	25425	0.39	ng		100
10) Hexachlorobutadiene	10.644	225	4193	0.39	ng	#	100
12) 2-Methylnaphthalene	11.978	142	17240	0.39	ng		98
16) Acenaphthylene	13.890	152	20090	0.36	ng		100
17) Acenaphthene	14.245	154	15264	0.38	ng		98
18) Fluorene	15.234	166	18955	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	858	0.36	ng	#	80
21) 4-Bromophenyl-phenylether	16.130	248	5675	0.39	ng		96
22) Hexachlorobenzene	16.240	284	6218	0.39	ng		99
23) Atrazine	16.410	200	3173	0.34	ng		98
24) Pentachlorophenol	16.593	266	1219	0.46	ng		95
25) Phenanthrene	16.970	178	30877	0.39	ng		100
26) Anthracene	17.067	178	24500	0.37	ng		99
28) Fluoranthene	19.002	202	33182	0.38	ng		99
30) Pyrene	19.364	202	33295	0.40	ng		100
32) Benzo(a)anthracene	21.120	228	27346	0.37	ng		99
33) Chrysene	21.173	228	33532	0.40	ng		98
34) Bis(2-ethylhexyl)phtha...	21.067	149	8019	0.37	ng		100
35) Indeno(1,2,3-cd)pyrene	25.448	276	36639	0.42	ng		100
37) Benzo(b)fluoranthene	22.658	252	33739	0.38	ng		96
38) Benzo(k)fluoranthene	22.699	252	34594	0.38	ng	#	95
39) Benzo(a)pyrene	23.209	252	28764	0.38	ng		97
40) Dibenzo(a,h)anthracene	25.462	278	30331	0.37	ng		97
41) Benzo(g,h,i)perylene	26.098	276	32176	0.38	ng		99

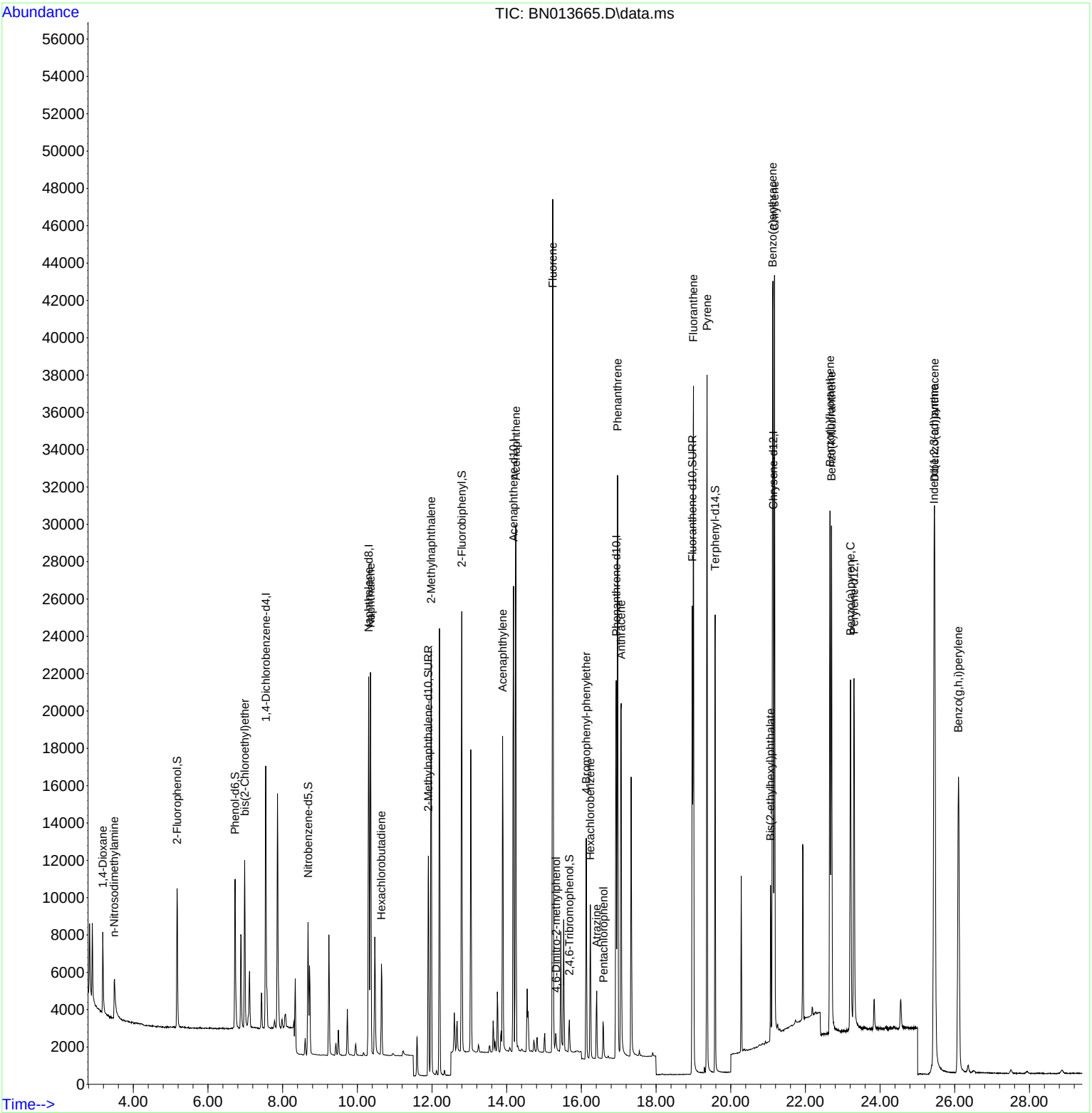
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

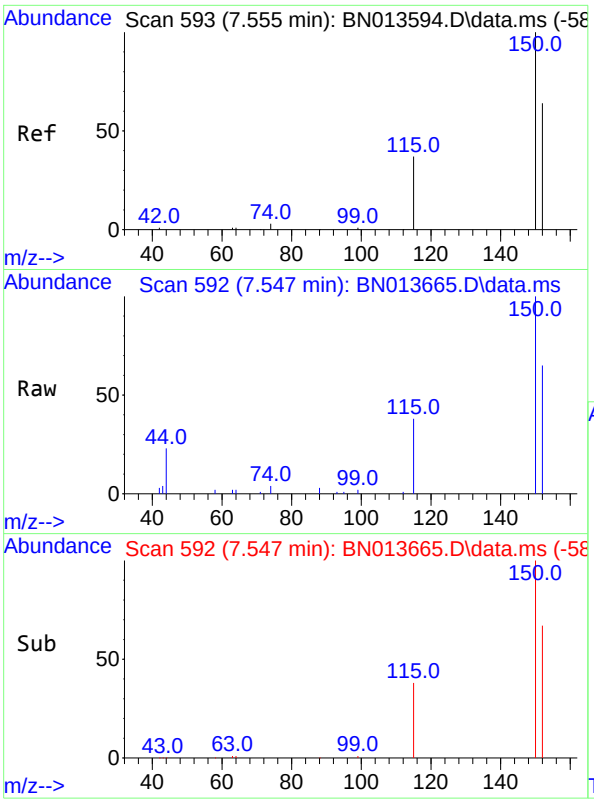
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021821\
Data File : BN013665.D
Acq On : 18 Feb 2021 11:07
Operator : CG/JU
Sample : PB134685BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB134685BS

Quant Time: Feb 18 11:44:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration



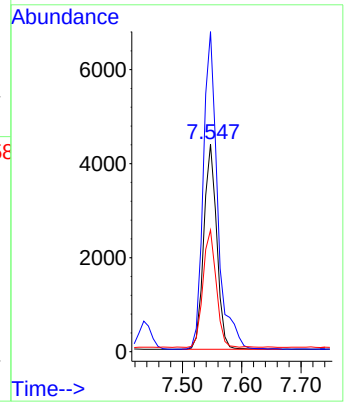
Instrument :
BNA_N
ClientSampleId :
PB134685BS

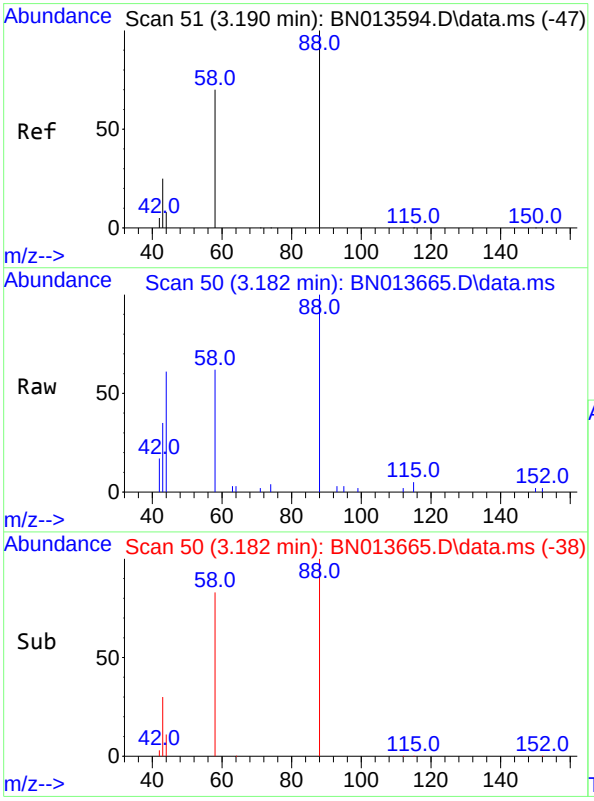


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:152 Resp: 6622

Ion	Ratio	Lower	Upper
152	100		
150	154.2	121.8	182.8
115	58.6	46.6	69.8

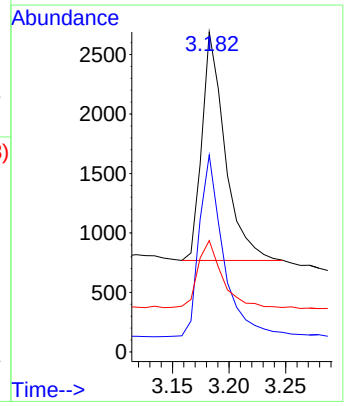




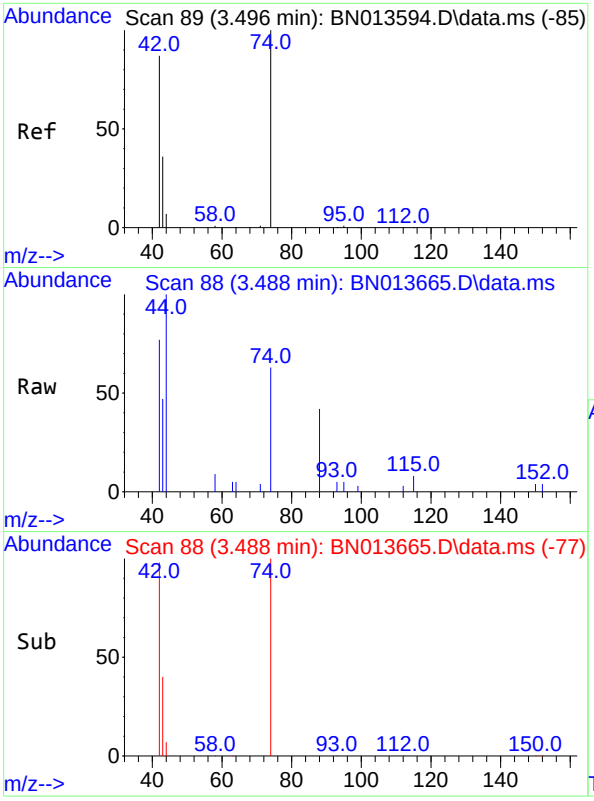
#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.182 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion: 88 Resp: 2729

Ion	Ratio	Lower	Upper
88	100		
58	83.3	64.6	96.8
43	30.8	26.6	40.0



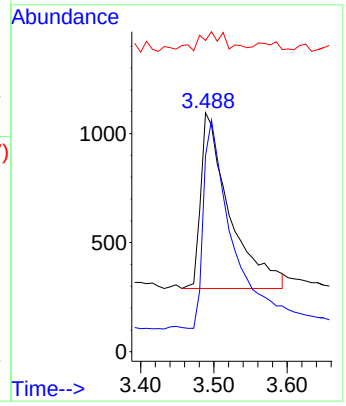
Instrument :
BNA_N
ClientSampleId :
PB134685BS

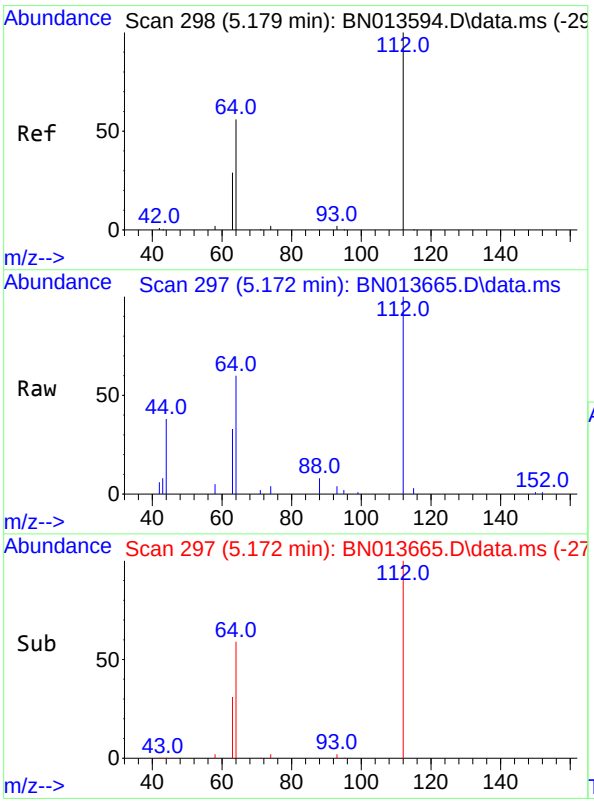


#3
n-Nitrosodimethylamine
Concen: 0.41 ng
RT: 3.488 min Scan# 88
Delta R.T. -0.008 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion: 42 Resp: 2201

Ion	Ratio	Lower	Upper
42	100		
74	117.0	95.0	142.6
44	11.8	5.8	8.8#

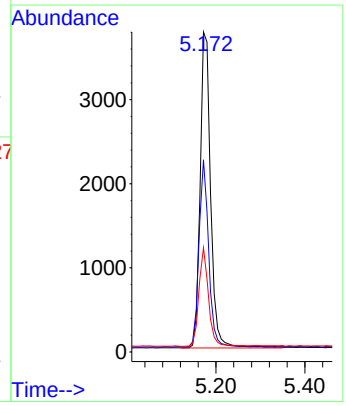




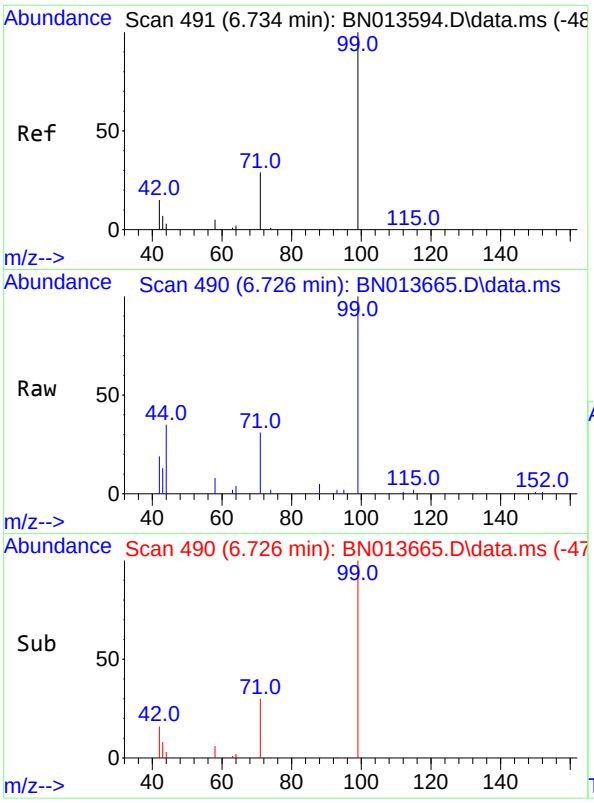
#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.172 min Scan# 297
Delta R.T. -0.008 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:112 Resp: 6138

Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.3	66.5
63	28.6	23.0	34.6



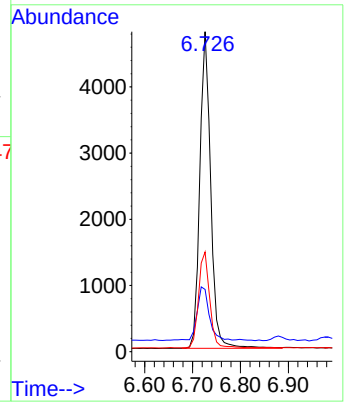
Instrument :
BNA_N
ClientSampleId :
PB134685BS

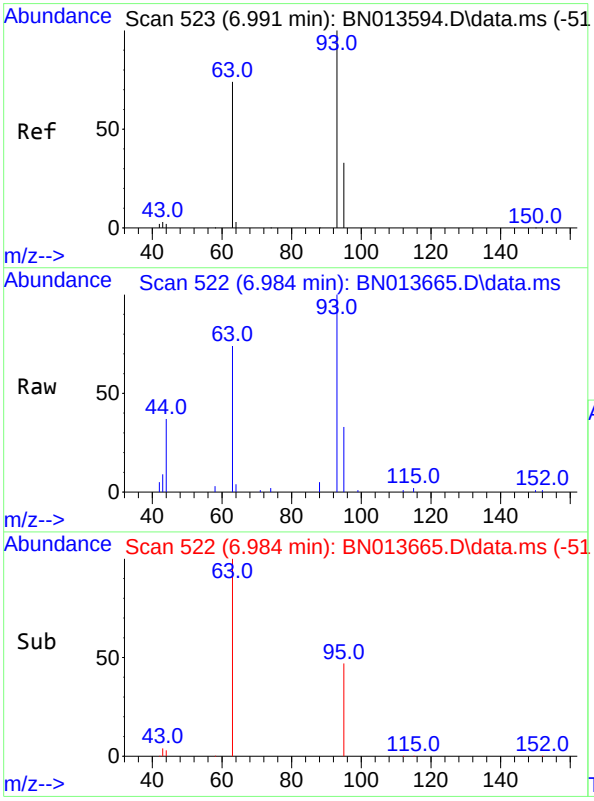


#5
Phenol-d6
Concen: 0.42 ng
RT: 6.726 min Scan# 490
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion: 99 Resp: 7571

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.2	22.8
71	31.0	26.1	39.1

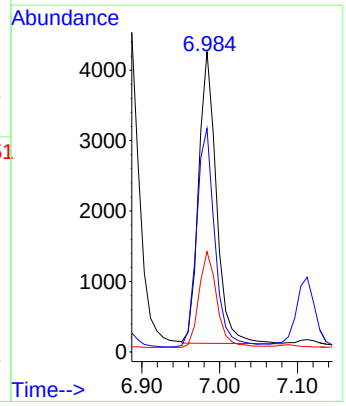




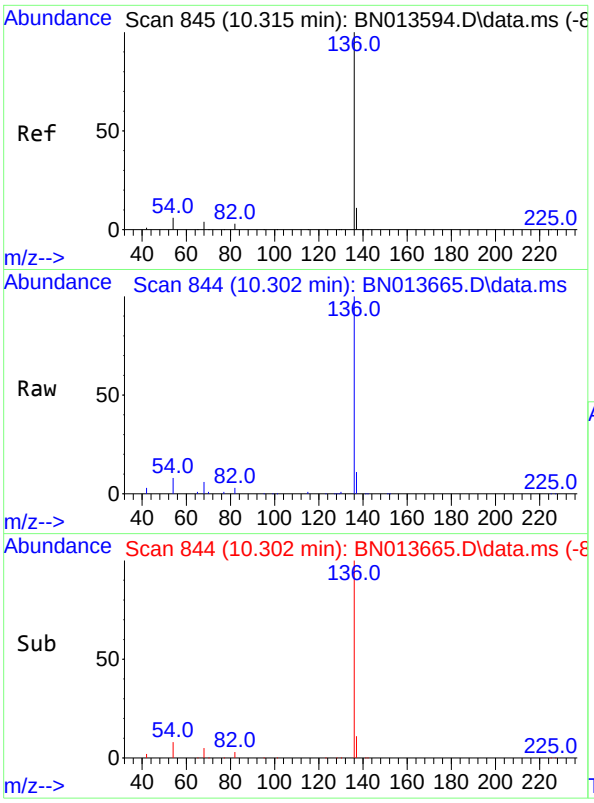
#6
bis(2-Chloroethyl)ether
Concen: 0.41 ng
RT: 6.984 min Scan# 522
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion: 93 Resp: 6571

Ion	Ratio	Lower	Upper
93	100		
63	76.8	60.8	91.2
95	33.4	26.0	39.0



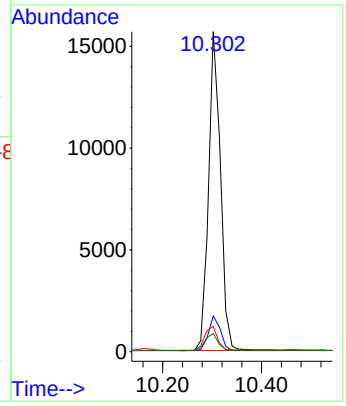
Instrument :
BNA_N
ClientSampleId :
PB134685BS

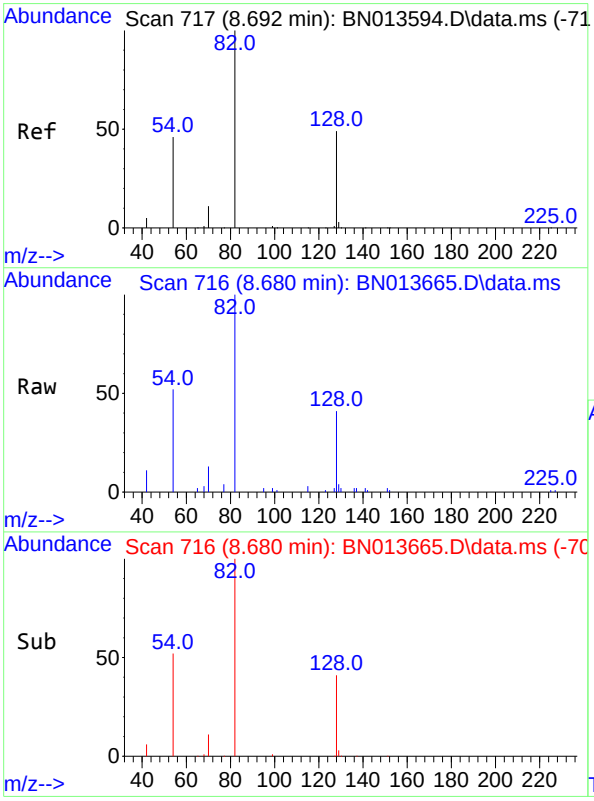


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:136 Resp: 26281

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.9	6.4	9.6
68	5.7	4.5	6.7

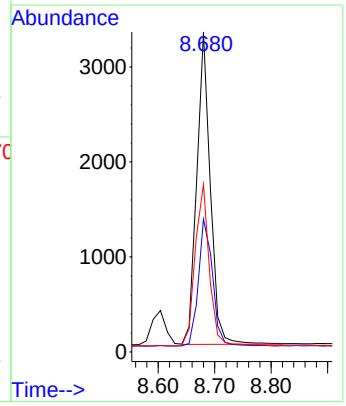




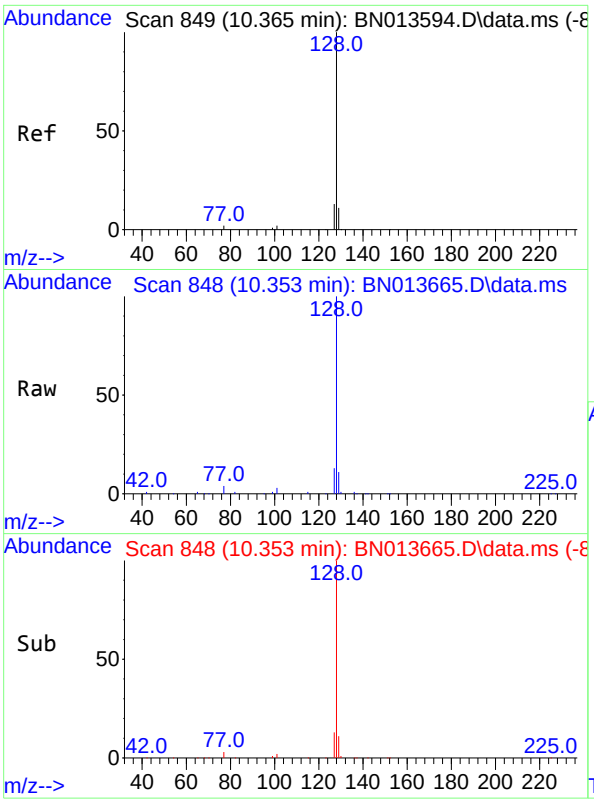
#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion: 82 Resp: 5489

Ion	Ratio	Lower	Upper
82	100		
128	41.5	39.2	58.8
54	52.3	40.1	60.1



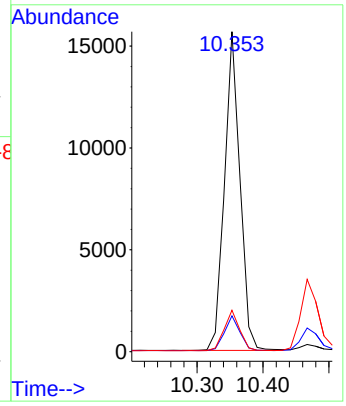
Instrument :
BNA_N
ClientSampleId :
PB134685BS

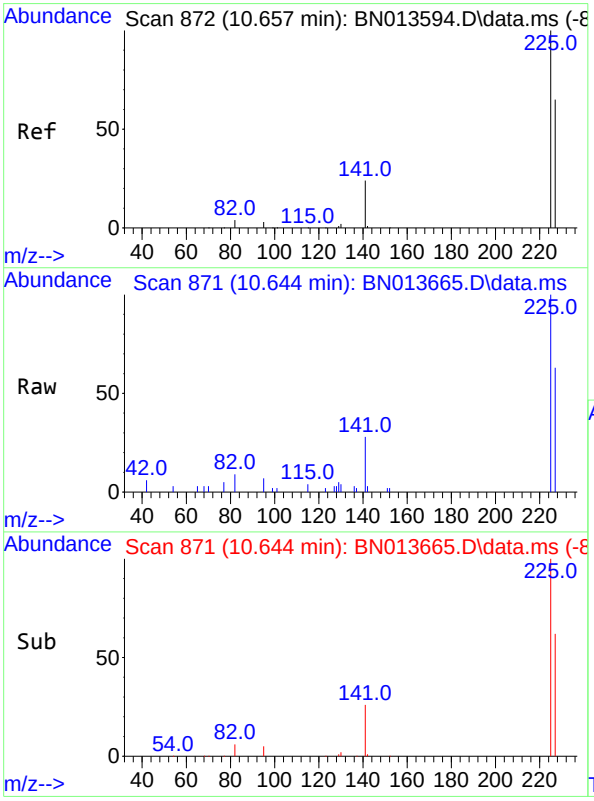


#9
Naphthalene
Concen: 0.39 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:128 Resp: 25425

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	12.9	10.4	15.6

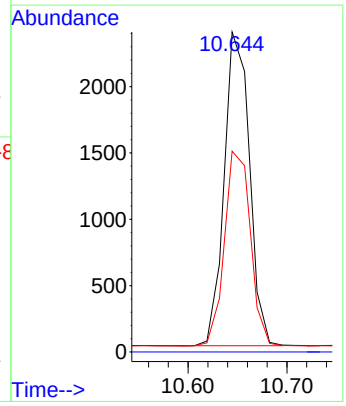




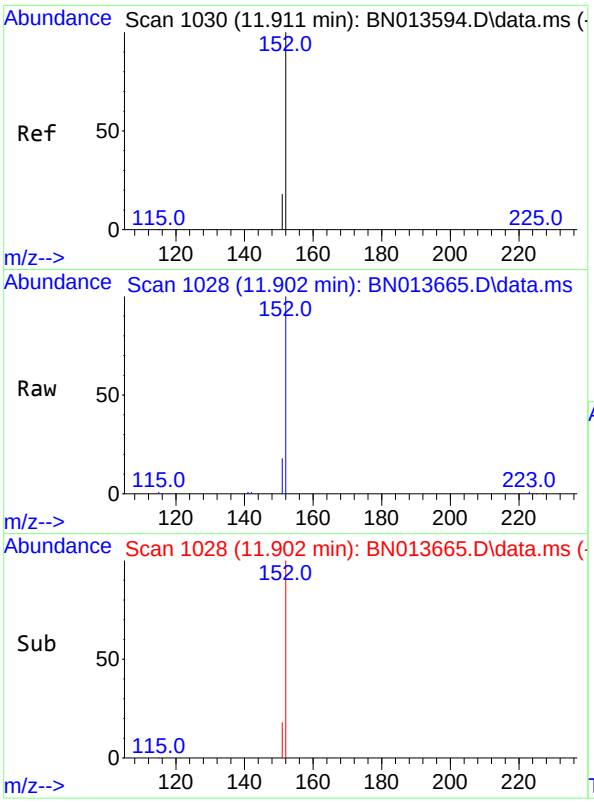
#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.644 min Scan# 871
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:225 Resp: 4193

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.2	76.8



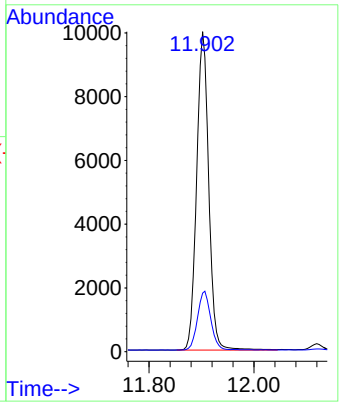
Instrument :
BNA_N
ClientSampleId :
PB134685BS

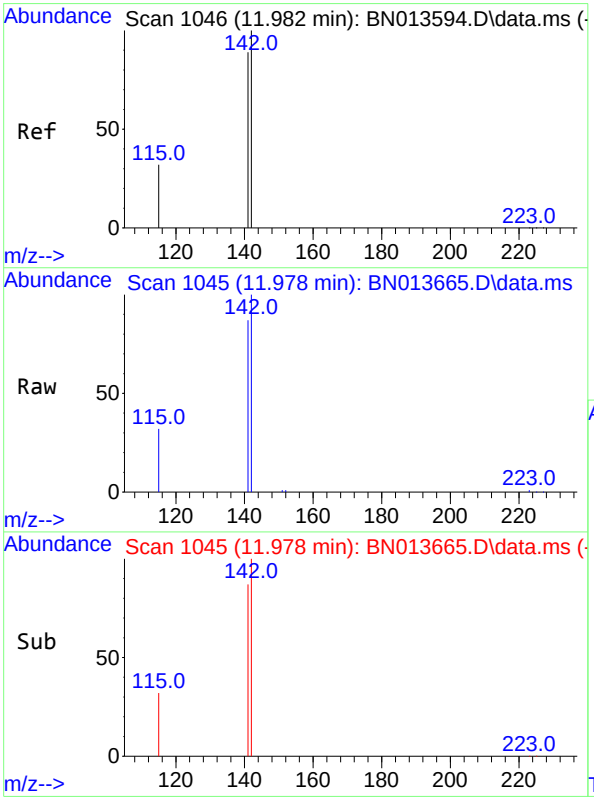


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:152 Resp: 15944

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2

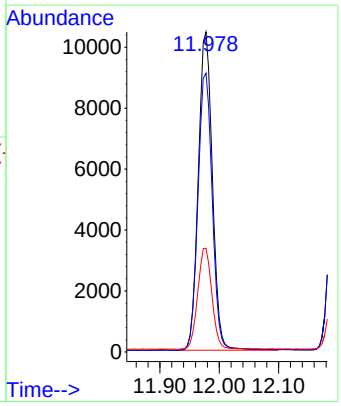




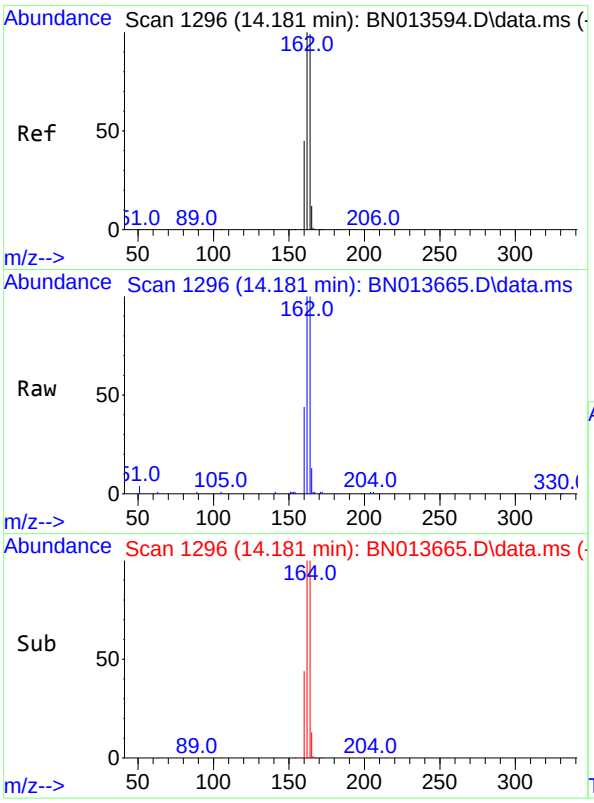
#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 11.978 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:142 Resp: 17240

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.5	105.7
115	32.4	27.4	41.0



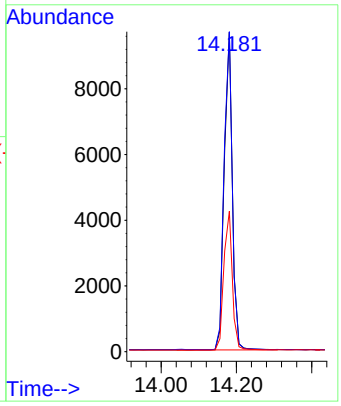
Instrument :
BNA_N
ClientSampleId :
PB134685BS

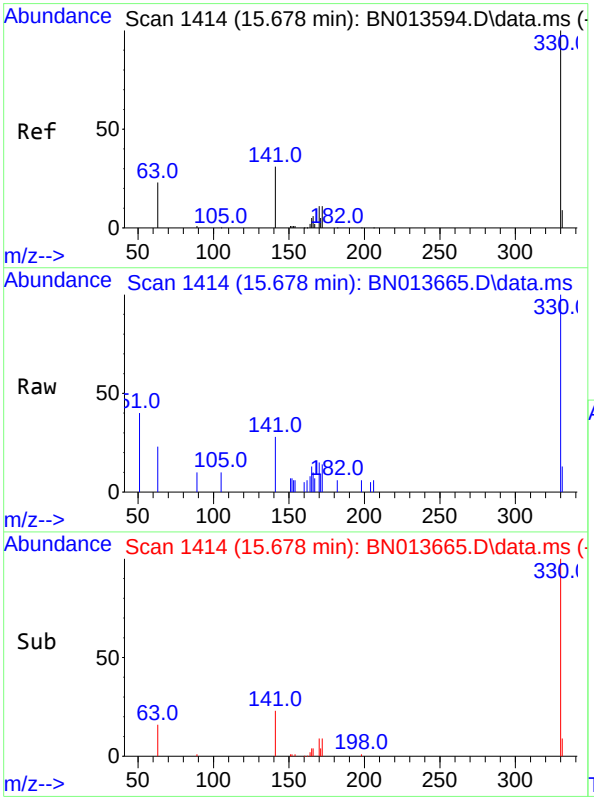


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:164 Resp: 14487

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.6	119.4
160	44.0	36.0	54.0

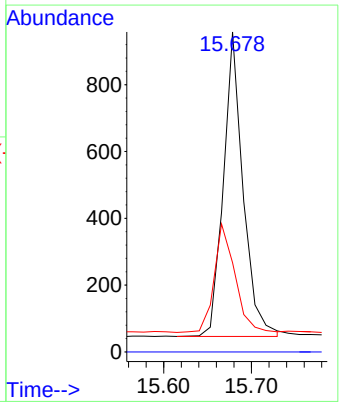




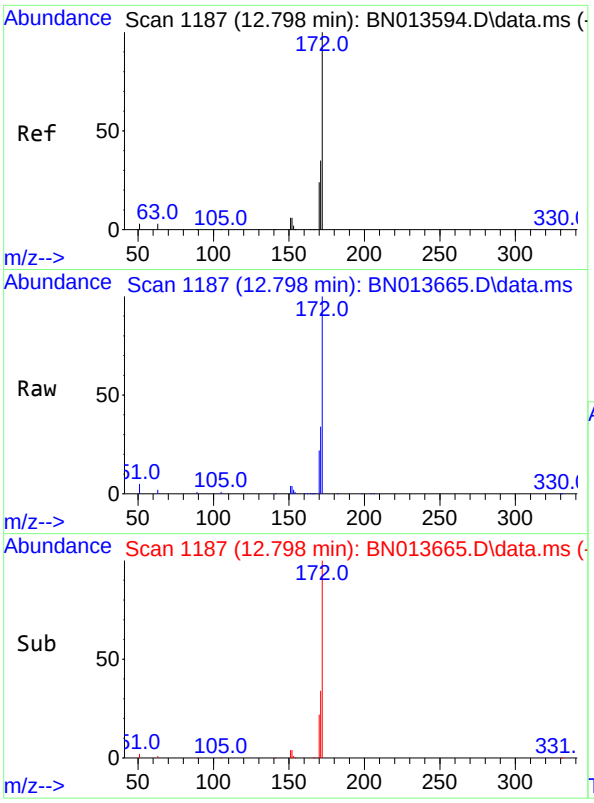
#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:330 Resp: 1419

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.6	26.8	40.2



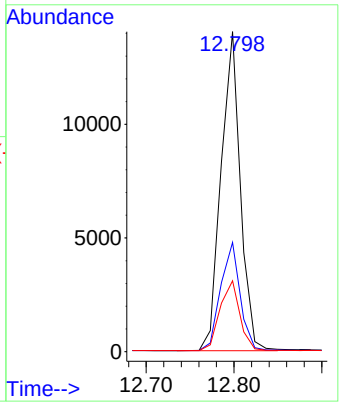
Instrument :
BNA_N
ClientSampleId :
PB134685BS

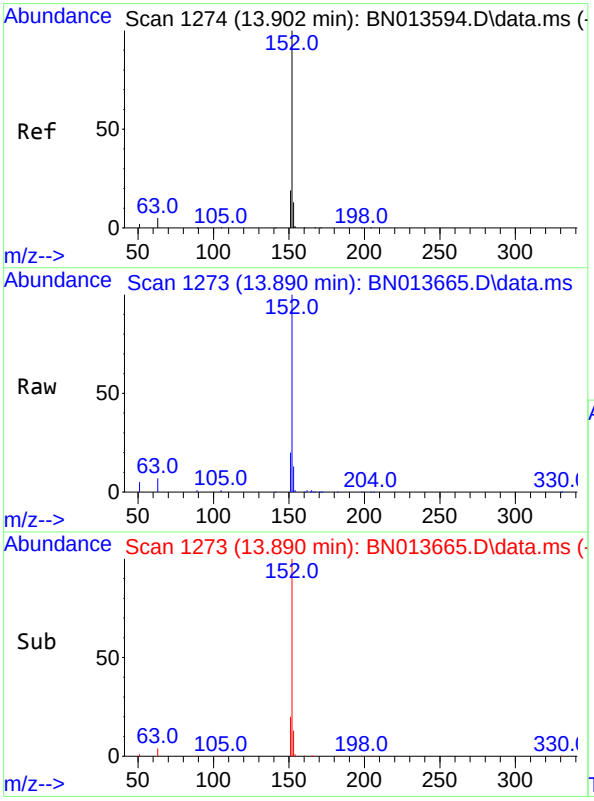


#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:172 Resp: 21423

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	42.8
170	22.2	18.9	28.3

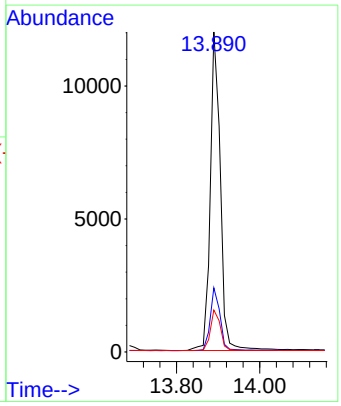




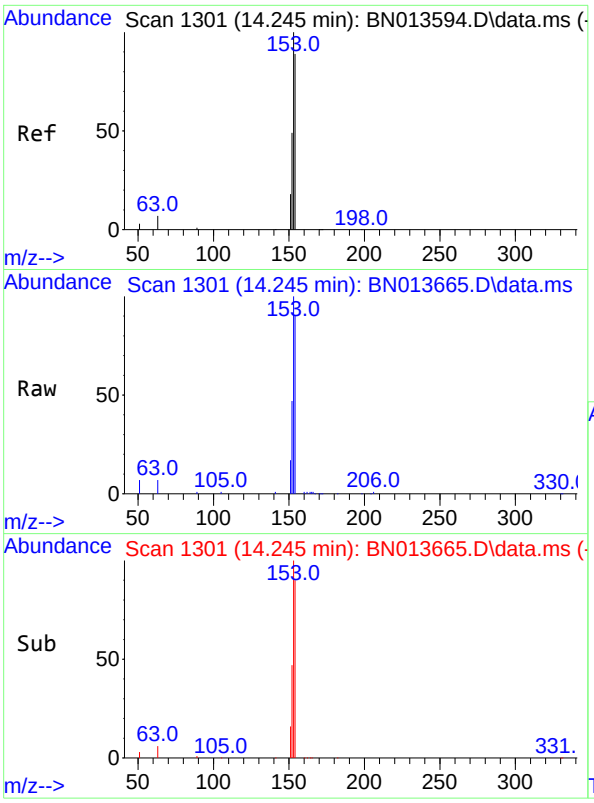
#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.890 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:152 Resp: 20090

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.1	10.5	15.7



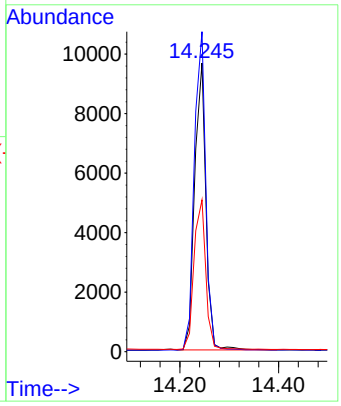
Instrument :
BNA_N
ClientSampleId :
PB134685BS

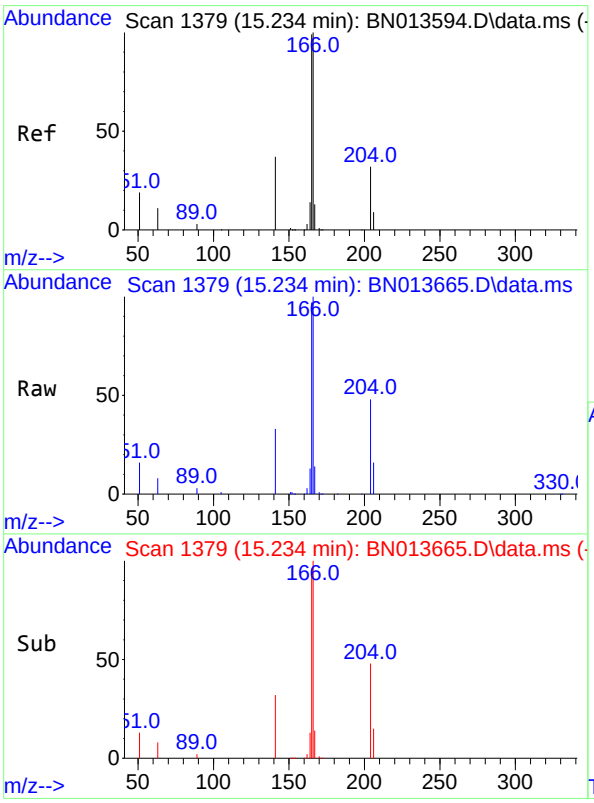


#17
Acenaphthene
Concen: 0.38 ng
RT: 14.245 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:154 Resp: 15264

Ion	Ratio	Lower	Upper
154	100		
153	112.9	88.4	132.6
152	54.6	43.0	64.4

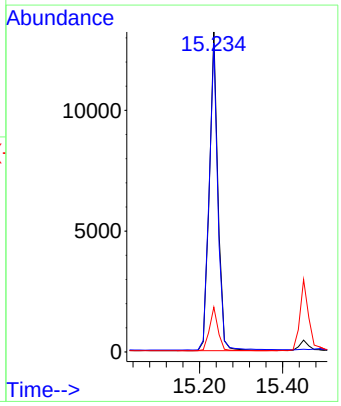




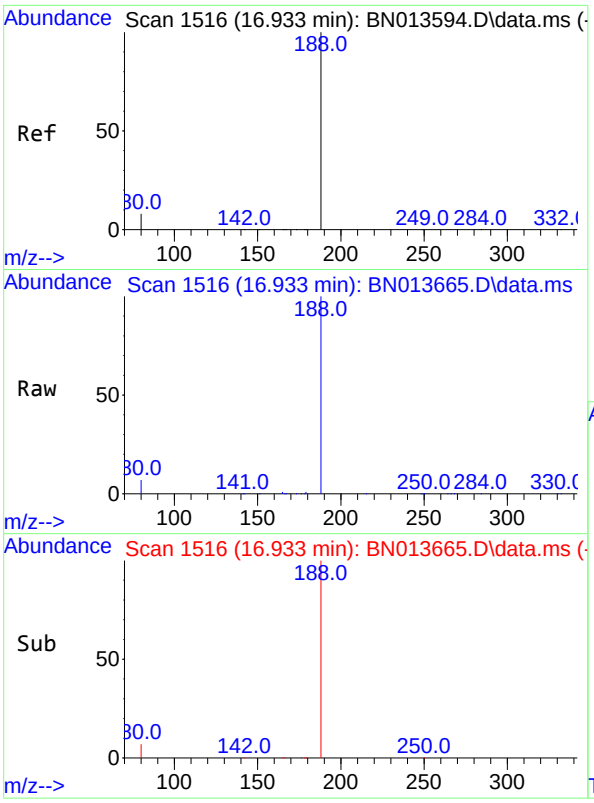
#18
Fluorene
Concen: 0.38 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:166 Resp: 18955

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.8	116.8
167	13.6	10.6	16.0



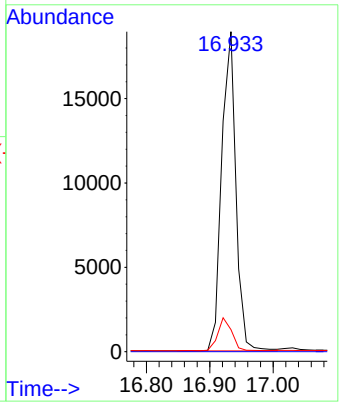
Instrument :
BNA_N
ClientSampleId :
PB134685BS

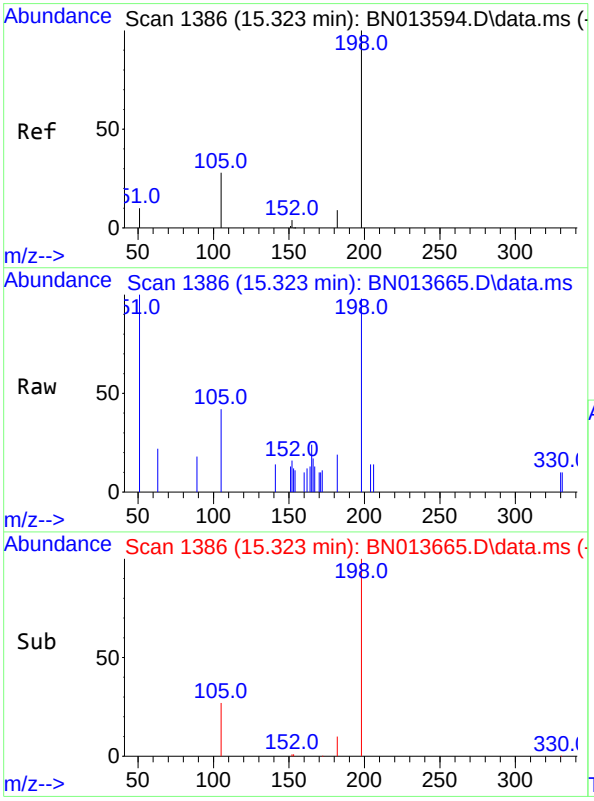


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.933 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:188 Resp: 29341

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	9.0	13.6#

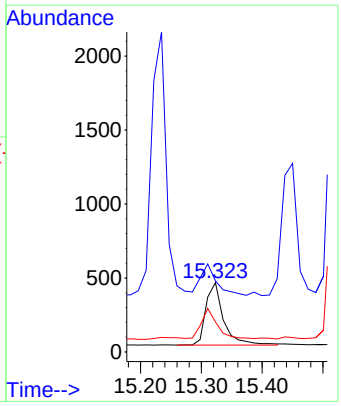




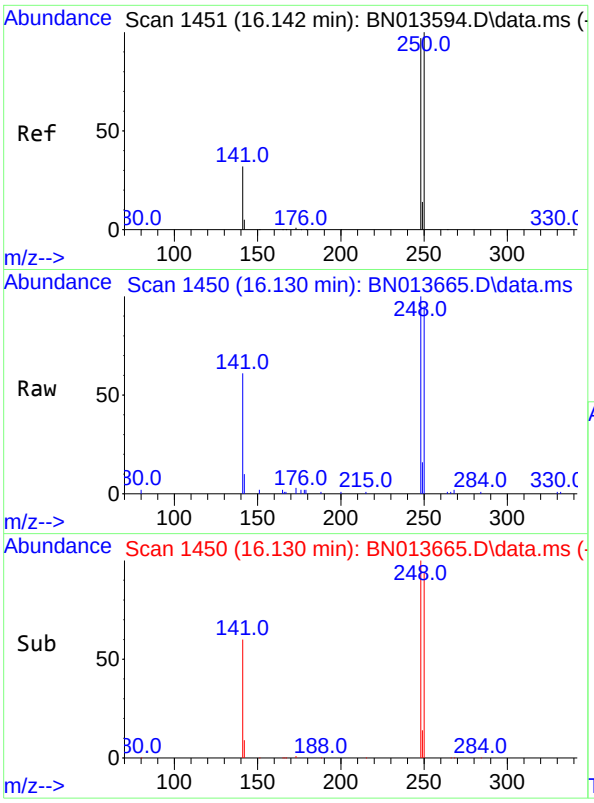
#20
4,6-Dinitro-2-methylphenol
Concen: 0.36 ng
RT: 15.323 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:198 Resp: 858

Ion	Ratio	Lower	Upper
198	100		
51	102.6	61.7	92.5#
105	43.4	33.0	49.6



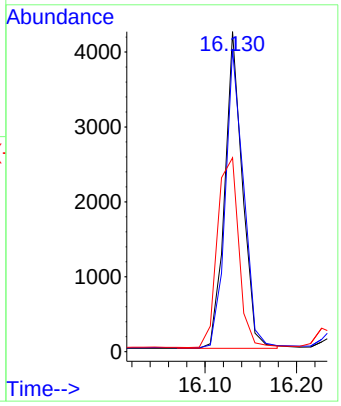
Instrument :
BNA_N
ClientSampleId :
PB134685BS

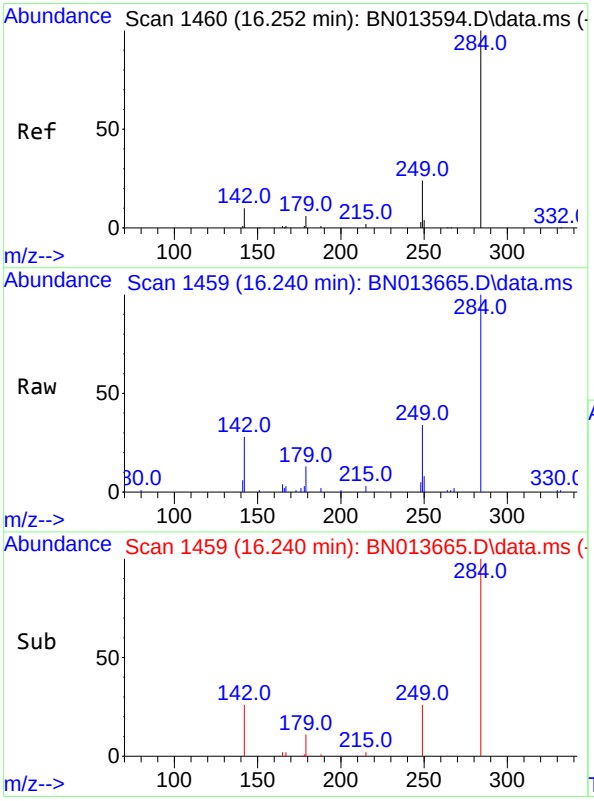


#21
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.130 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:248 Resp: 5675

Ion	Ratio	Lower	Upper
248	100		
250	94.6	75.5	113.3
141	60.6	53.8	80.8

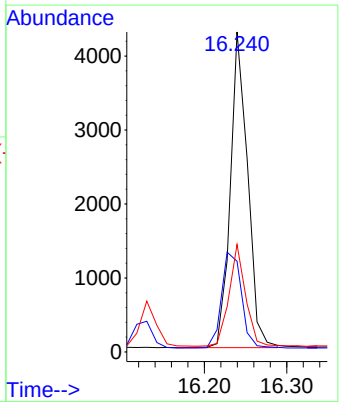




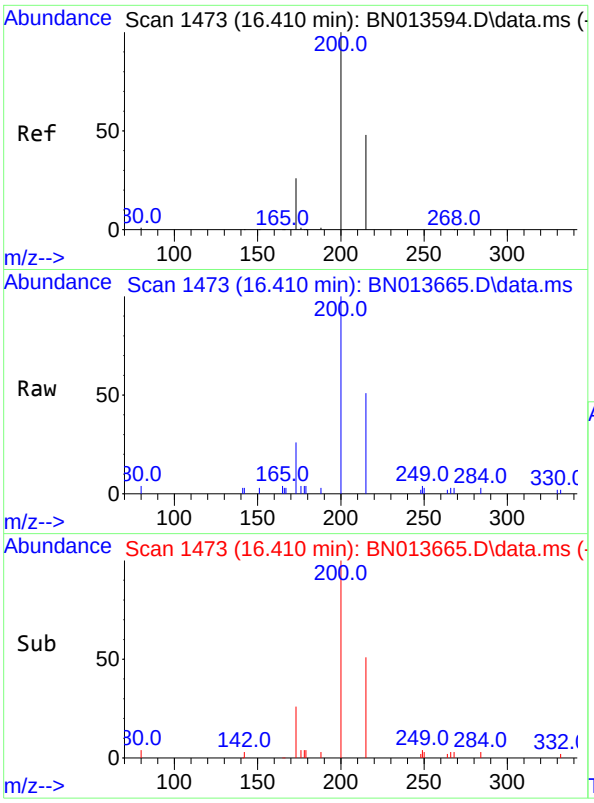
#22
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.240 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:284 Resp: 6218

Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.9	41.9
249	30.8	24.2	36.2



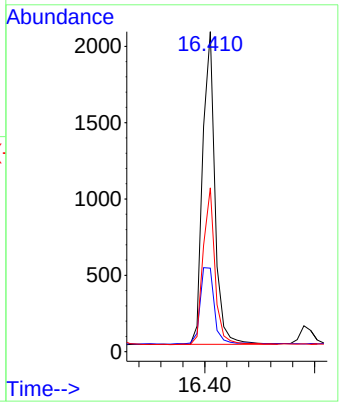
Instrument :
BNA_N
ClientSampleId :
PB134685BS

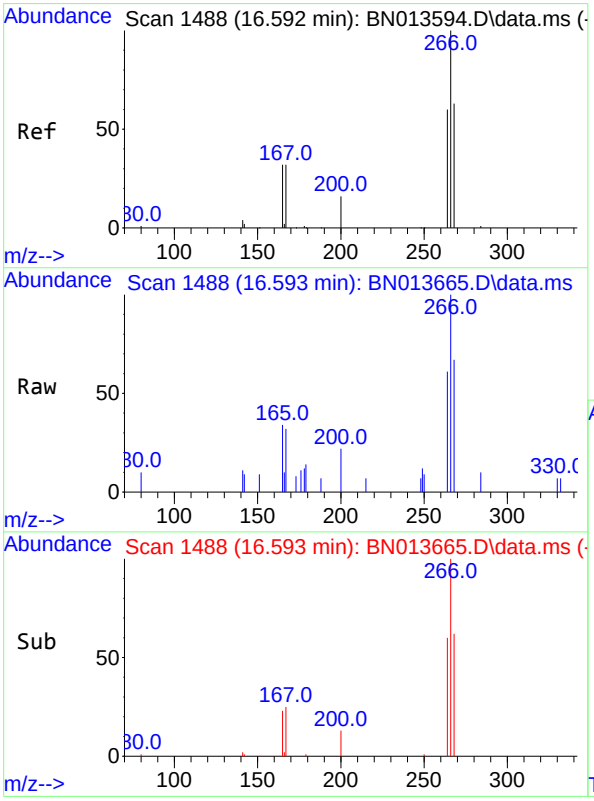


#23
Atrazine
Concen: 0.34 ng
RT: 16.410 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:200 Resp: 3173

Ion	Ratio	Lower	Upper
200	100		
173	26.1	18.6	28.0
215	51.2	41.0	61.6

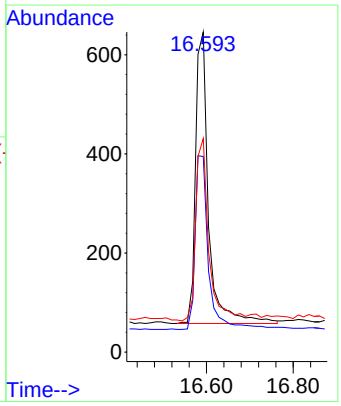




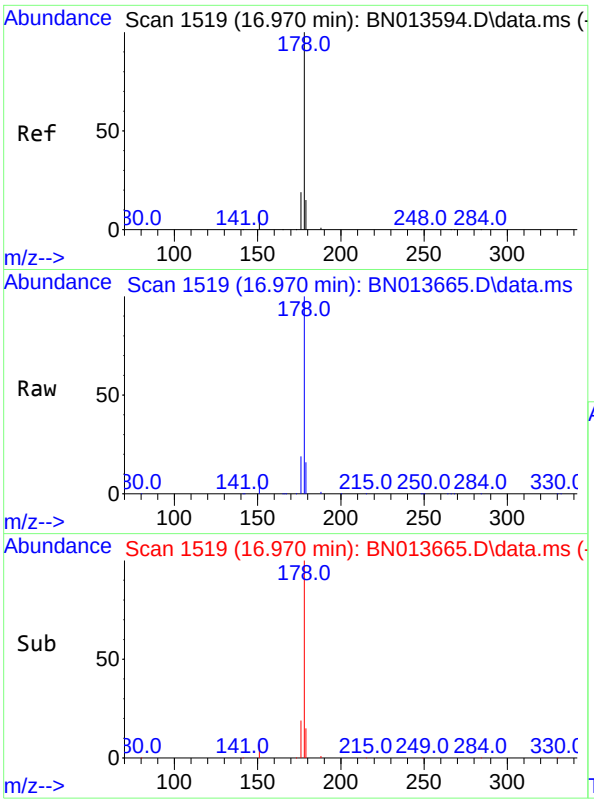
#24
Pentachlorophenol
Concen: 0.46 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.012 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:266 Resp: 1219

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.6	77.4
268	63.2	54.6	82.0



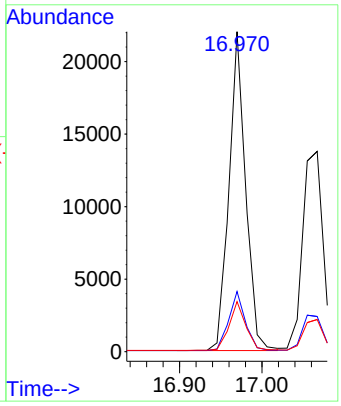
Instrument :
BNA_N
ClientSampleId :
PB134685BS

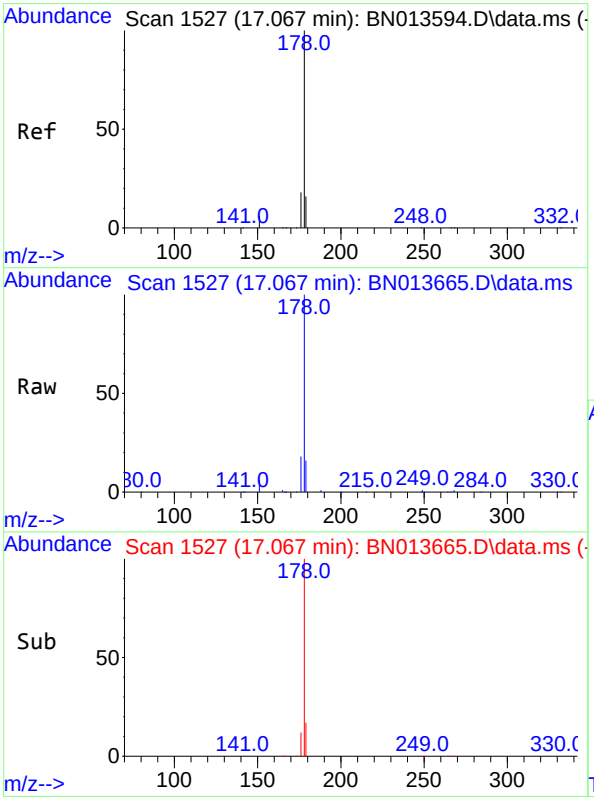


#25
Phenanthrene
Concen: 0.39 ng
RT: 16.970 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:178 Resp: 30877

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.3	18.5

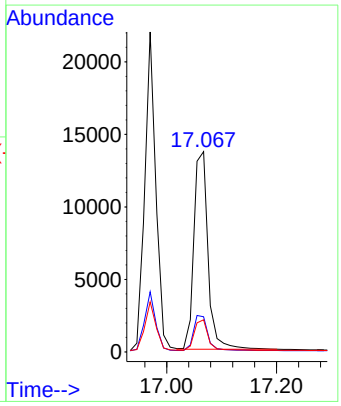




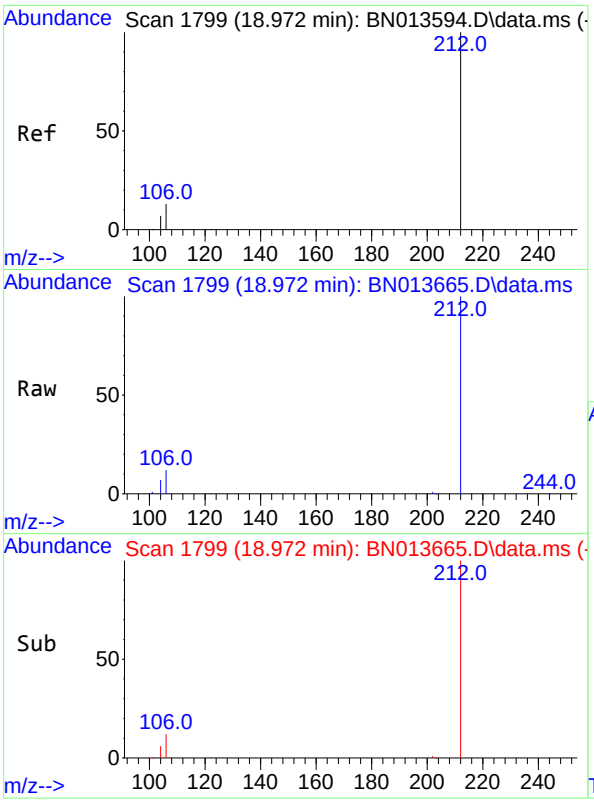
#26
Anthracene
Concen: 0.37 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.012 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:178 Resp: 24500

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.0	12.2	18.2



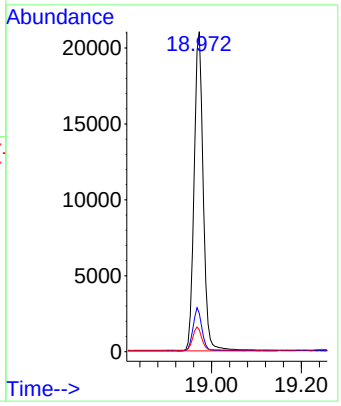
Instrument :
BNA_N
ClientSampleId :
PB134685BS

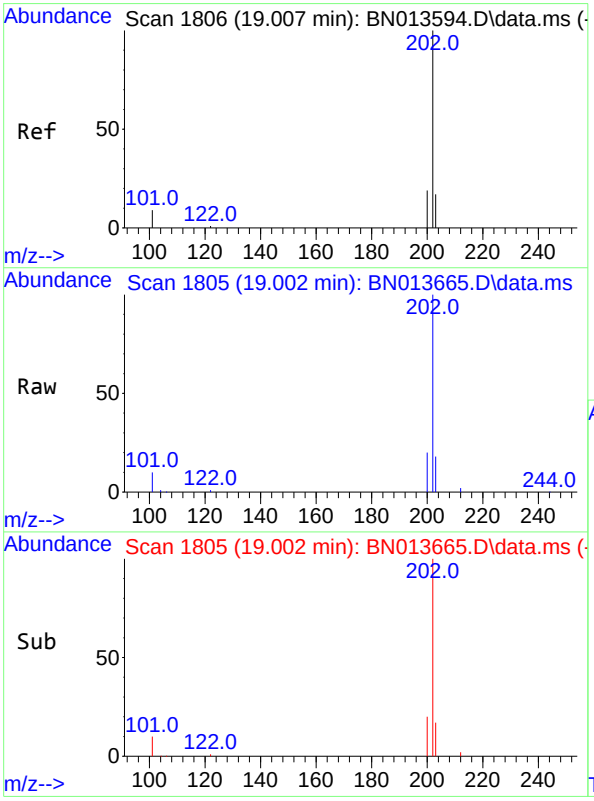


#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 18.972 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:212 Resp: 29907

Ion	Ratio	Lower	Upper
212	100		
106	13.1	9.7	14.5
104	7.1	5.5	8.3

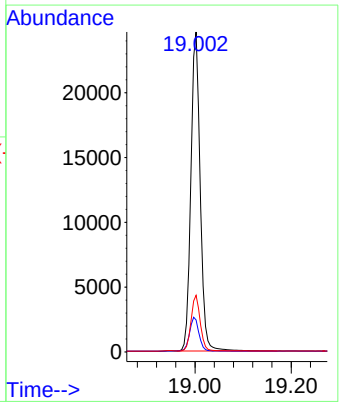




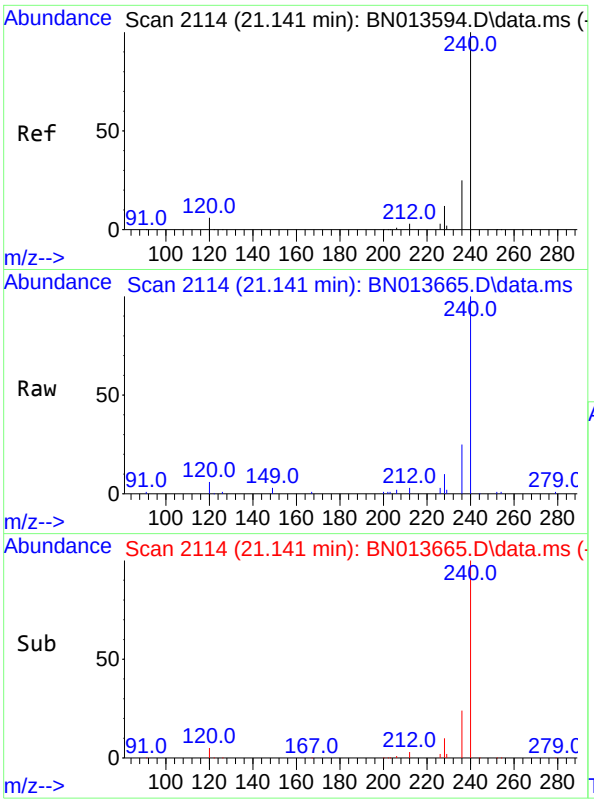
#28
Fluoranthene
Concen: 0.38 ng
RT: 19.002 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:202 Resp: 33182

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.1	12.1
203	17.1	13.9	20.9



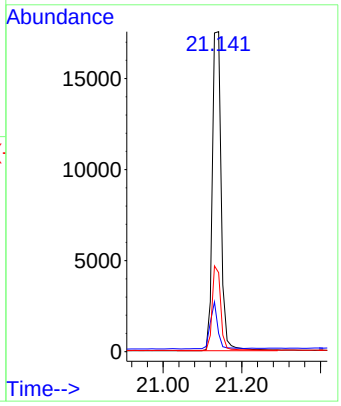
Instrument :
BNA_N
ClientSampleId :
PB134685BS

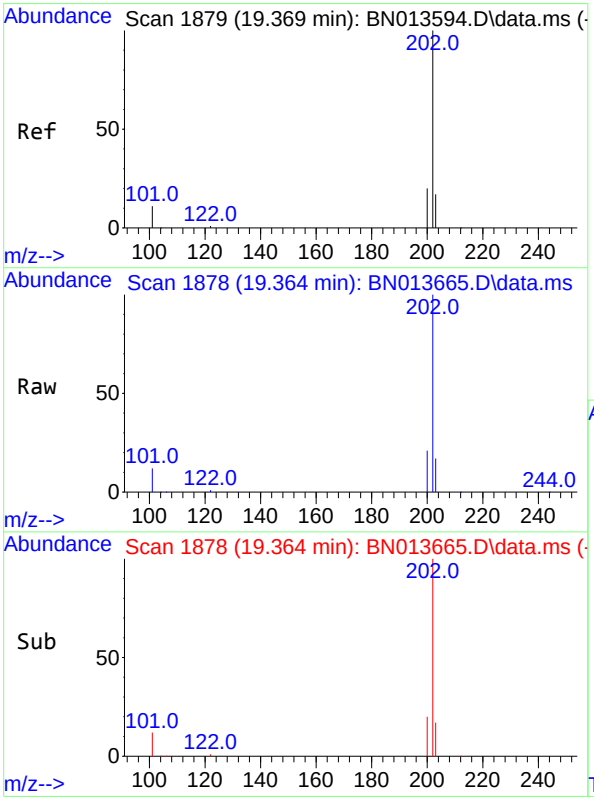


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.141 min Scan# 2114
Delta R.T. 0.011 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:240 Resp: 27506

Ion	Ratio	Lower	Upper
240	100		
120	5.7	10.2	15.4#
236	24.7	21.3	31.9

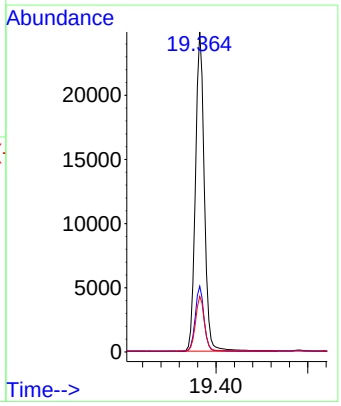




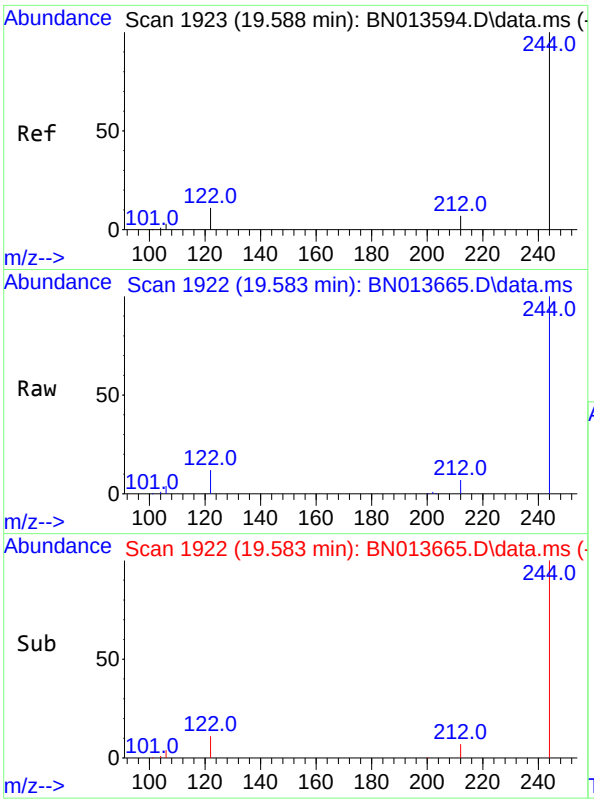
#30
Pyrene
Concen: 0.40 ng
RT: 19.364 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:202 Resp: 33295

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.3	24.5
203	17.3	14.0	21.0



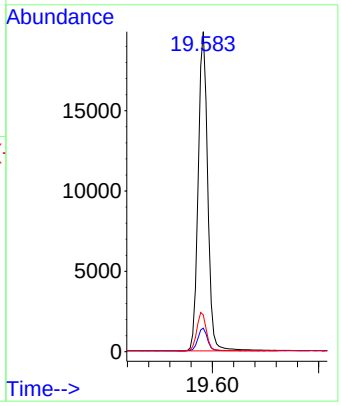
Instrument :
BNA_N
ClientSampleId :
PB134685BS

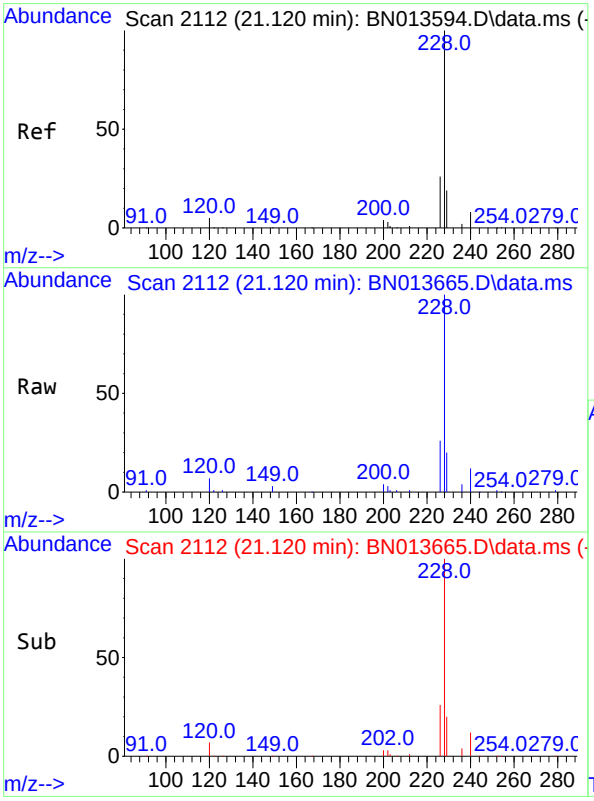


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.583 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:244 Resp: 24717

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.5	9.8	14.8

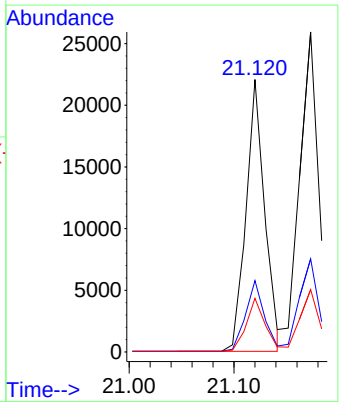




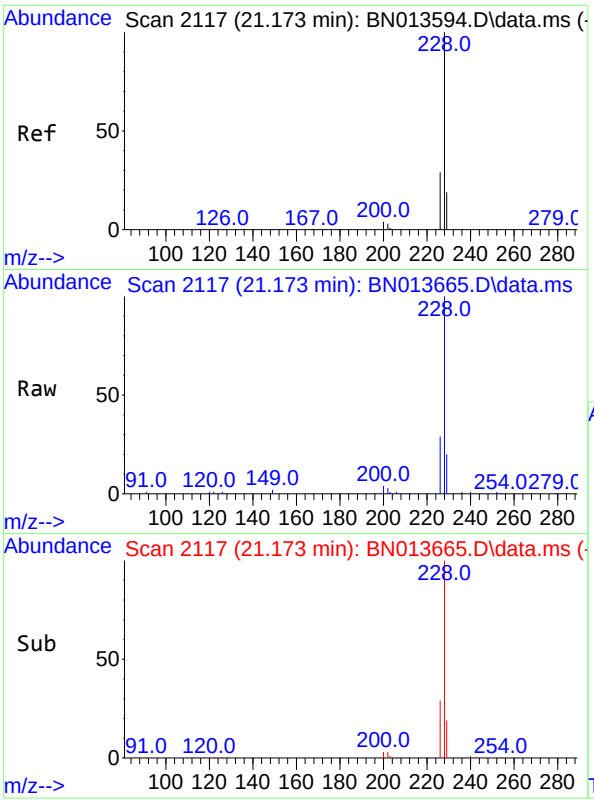
#32
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.120 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:228 Resp: 27346

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.5	30.7
229	19.7	16.2	24.4



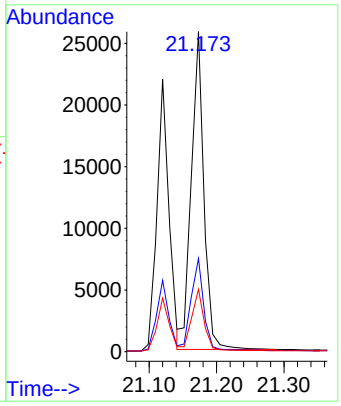
Instrument :
BNA_N
ClientSampleId :
PB134685BS

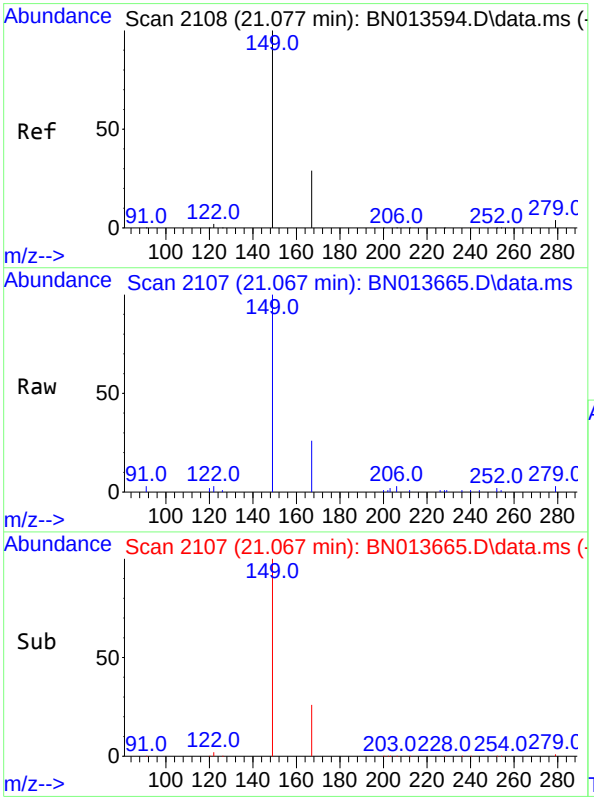


#33
Chrysene
Concen: 0.40 ng
RT: 21.173 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:228 Resp: 33532

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.3	36.5
229	19.5	15.1	22.7

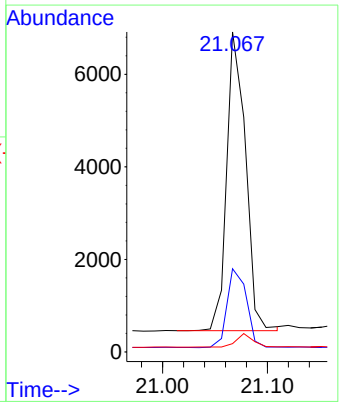




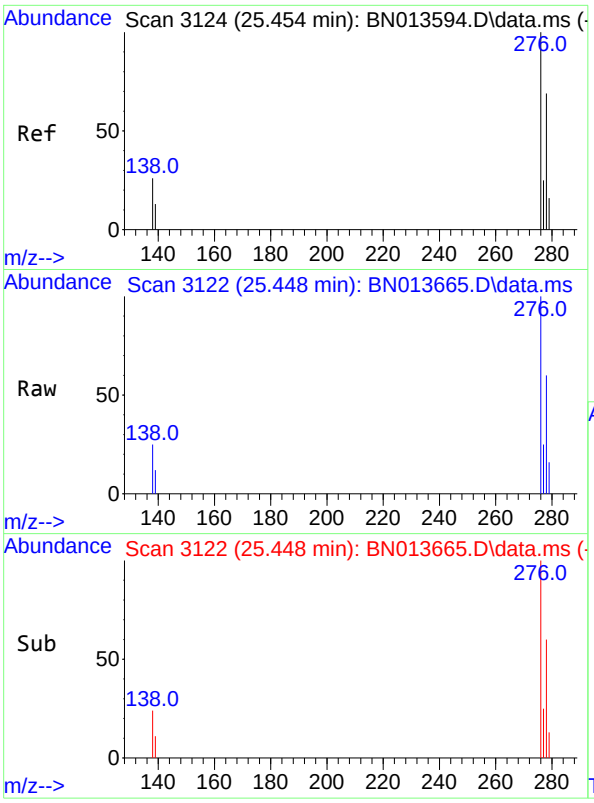
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.067 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:149 Resp: 8019

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	4.4	3.5	5.3



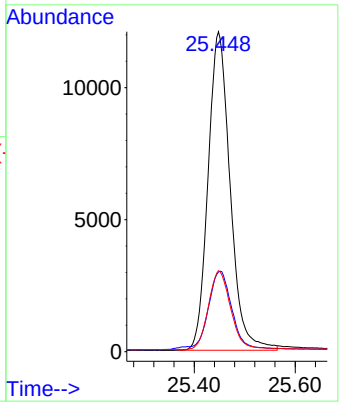
Instrument :
BNA_N
ClientSampleId :
PB134685BS

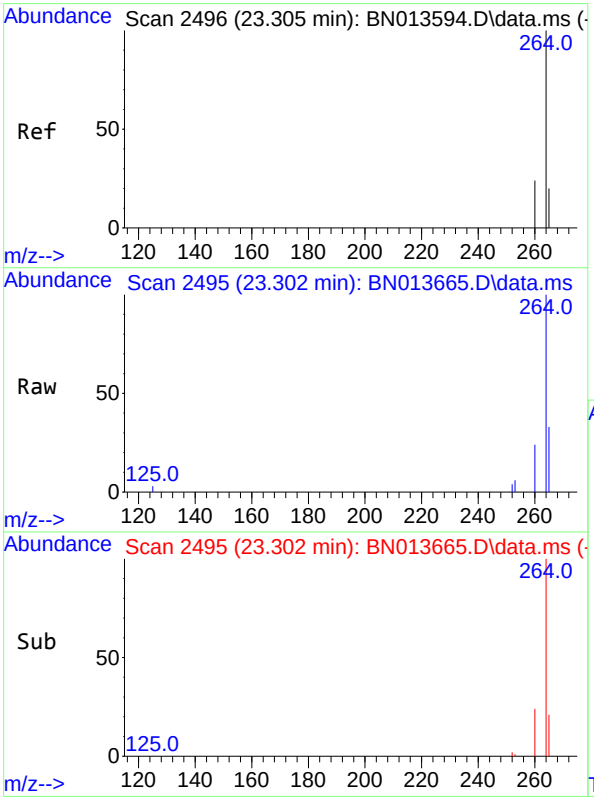


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 25.448 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:276 Resp: 36639

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.6
277	25.1	19.9	29.9

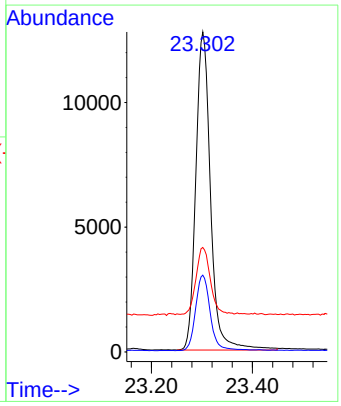




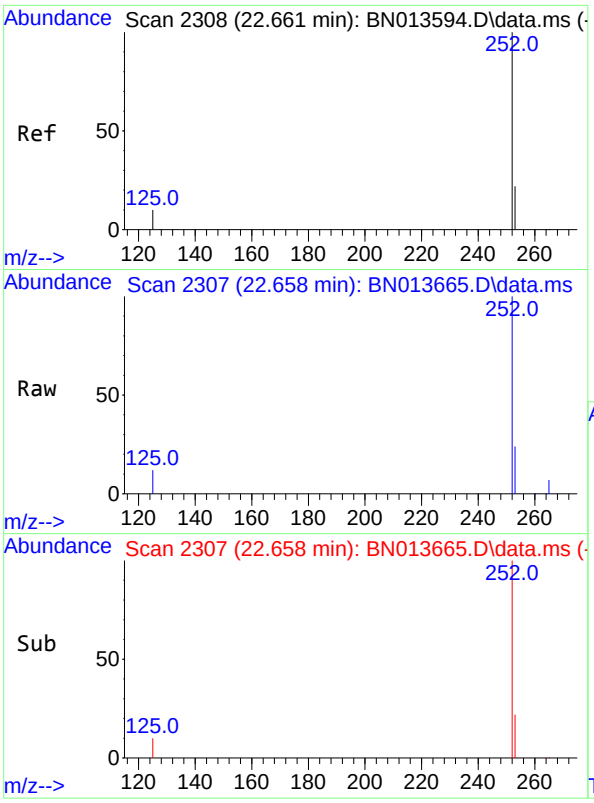
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.302 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:264 Resp: 25744

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	32.7	66.2	99.4#



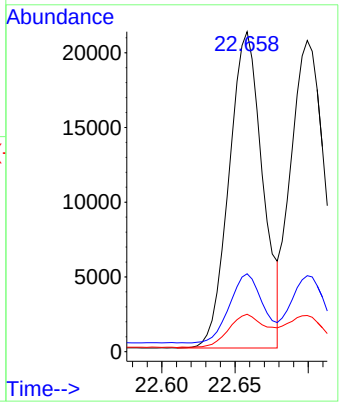
Instrument :
BNA_N
ClientSampleId :
PB134685BS

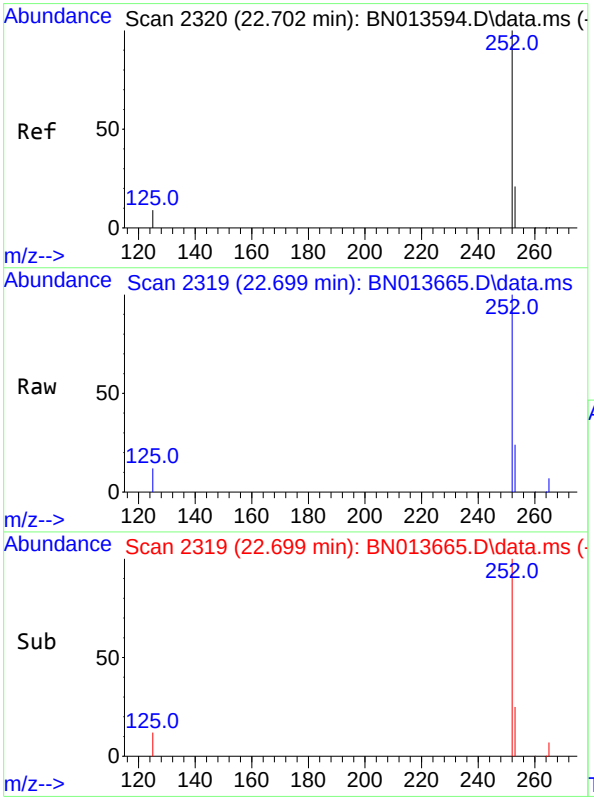


#37
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 22.658 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:252 Resp: 33739

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.4	30.6
125	11.7	11.6	17.4

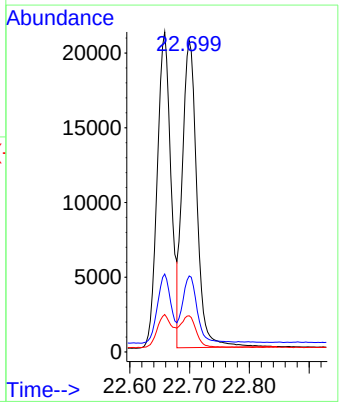




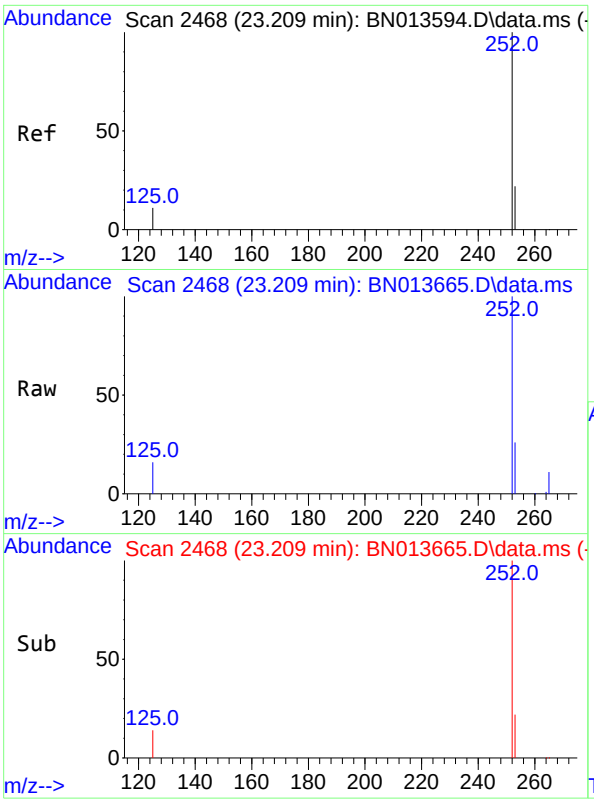
#38
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 22.699 min Scan# 2319
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:252 Resp: 34594

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.5	30.7
125	11.6	12.3	18.5#



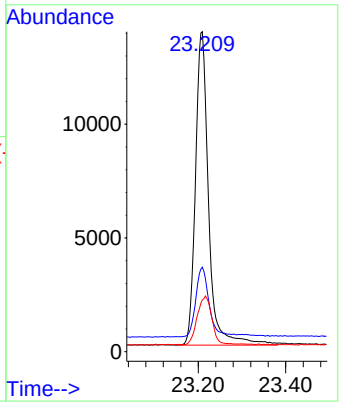
Instrument :
BNA_N
ClientSampleId :
PB134685BS

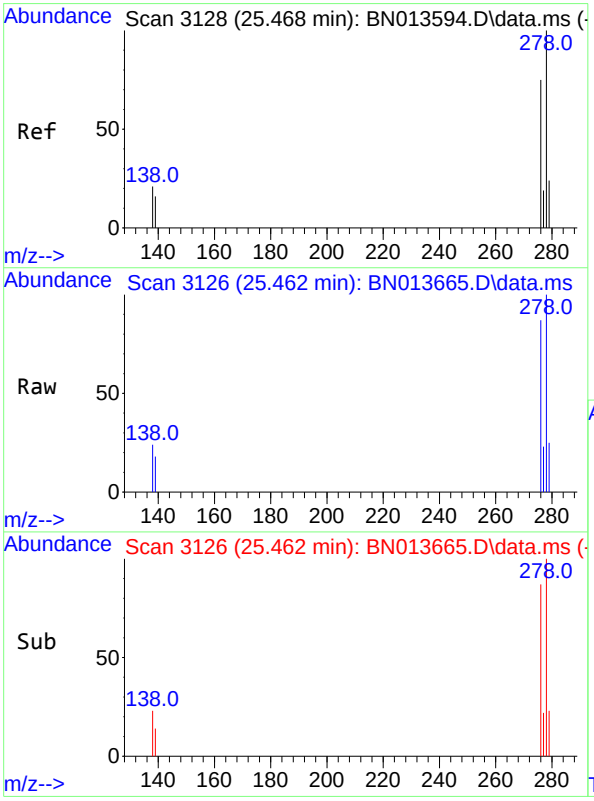


#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.209 min Scan# 2468
Delta R.T. 0.003 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:252 Resp: 28764

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.8	32.6
125	16.1	14.6	21.8

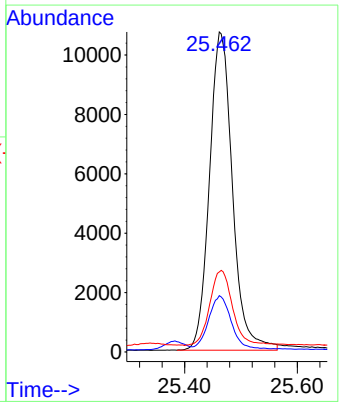


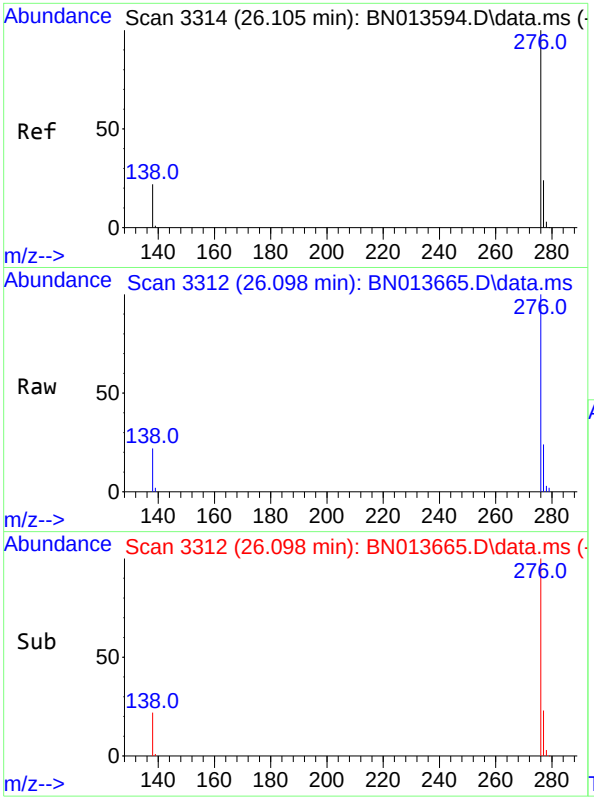


#40
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 25.462 min Scan# 3126
Delta R.T. 0.003 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:278 Resp: 30331

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.1	19.7
279	25.0	21.4	32.0

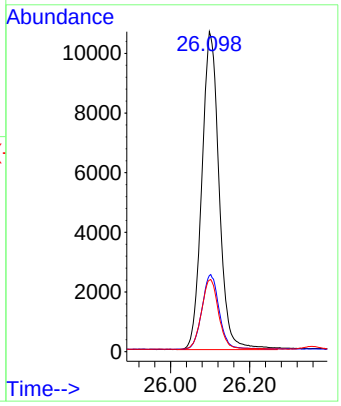




#41
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 26.098 min Scan# 3312
Delta R.T. -0.000 min
Lab File: BN013665.D
Acq: 18 Feb 2021 11:07

Tgt Ion:276 Resp: 32176

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.0	30.0
138	22.4	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
PB134685BS