Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092420\
Data File : BN011912.D
Acq On : 24 Sep 2020 14:08
Operator : CG/JU
Sample : L3988-23MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 24 14:40:29 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 18:41:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.683	152	3979	0.40	ng		0.00
7) Naphthalene-d8	10.453	136	17371	0.40	ng		#-0.01
13) Acenaphthene-d10	14.319	164	12411	0.40	ng		0.00
19) Phenanthrene-d10	17.053	188	21460	0.40	ng		#-0.01
29) Chrysene-d12	21.259	240	19629	0.40	ng		#-0.01
36) Perylene-d12	23.474	264	19190	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	1263	0.09	ng		0.00
5) Phenol-d6	6.853	99	915	0.05	ng		0.00
8) Nitrobenzene-d5	8.818	82	3357	0.19	ng		-0.01
11) 2-Methylnaphthalene-d10	12.051	152	11603	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	1346	0.22	ng		-0.01
15) 2-Fluorobiphenyl	12.936	172	7008	0.15	ng		0.00
27) Fluoranthene-d10	19.097	212	28176	0.45	ng		0.00
31) Terphenyl-d14	19.703	244	14717	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	2410	0.35	ng	#	72
3) n-Nitrosodimethylamine	3.560	42	2355	0.24	ng	#	97
6) bis(2-Chloroethyl)ether	7.111	93	3173	0.21	ng		88
9) Naphthalene	10.504	128	380106	7.64	ng		98
10) Hexachlorobutadiene	10.795	225	1499	0.18	ng	#	97
12) 2-Methylnaphthalene	12.122	142	21111	0.67	ng		96
16) Acenaphthylene	14.027	152	11125	0.19	ng	#	82
17) Acenaphthene	14.370	154	8999	0.22	ng		91
18) Fluorene	15.359	166	14773	0.30	ng	#	97
20) 4,6-Dinitro-2-methylph...	15.448	198	965	0.24	ng	#	1
21) 4-Bromophenyl-phenylether	16.262	248	2235	0.20	ng	#	81
22) Hexachlorobenzene	16.372	284	2408	0.18	ng	#	86
23) Atrazine	16.530	200	1839	0.17	ng	#	83
24) Pentachlorophenol	16.713	266	2862	0.44	ng		98
25) Phenanthrene	17.102	178	15617	0.24	ng		96
26) Anthracene	17.187	178	12582	0.22	ng		99
28) Fluoranthene	19.127	202	15115	0.21	ng	#	94
30) Pyrene	19.489	202	16078	0.22	ng		98
32) Benzo(a)anthracene	21.237	228	13121	0.21	ng		97
33) Chrysene	21.290	228	13911	0.20	ng		98
34) Bis(2-ethylhexyl)phtha...	21.184	149	13622	0.31	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.695	276	14767	0.19	ng	#	88
37) Benzo(b)fluoranthene	22.813	252	13904	0.21	ng	#	63
38) Benzo(k)fluoranthene	22.854	252	14009	0.20	ng	#	74
39) Benzo(a)pyrene	23.378	252	12091	0.20	ng	#	38
40) Dibenzo(a,h)anthracene	25.709	278	11773	0.19	ng	#	82
41) Benzo(g,h,i)perylene	26.369	276	12878	0.19	ng	#	87

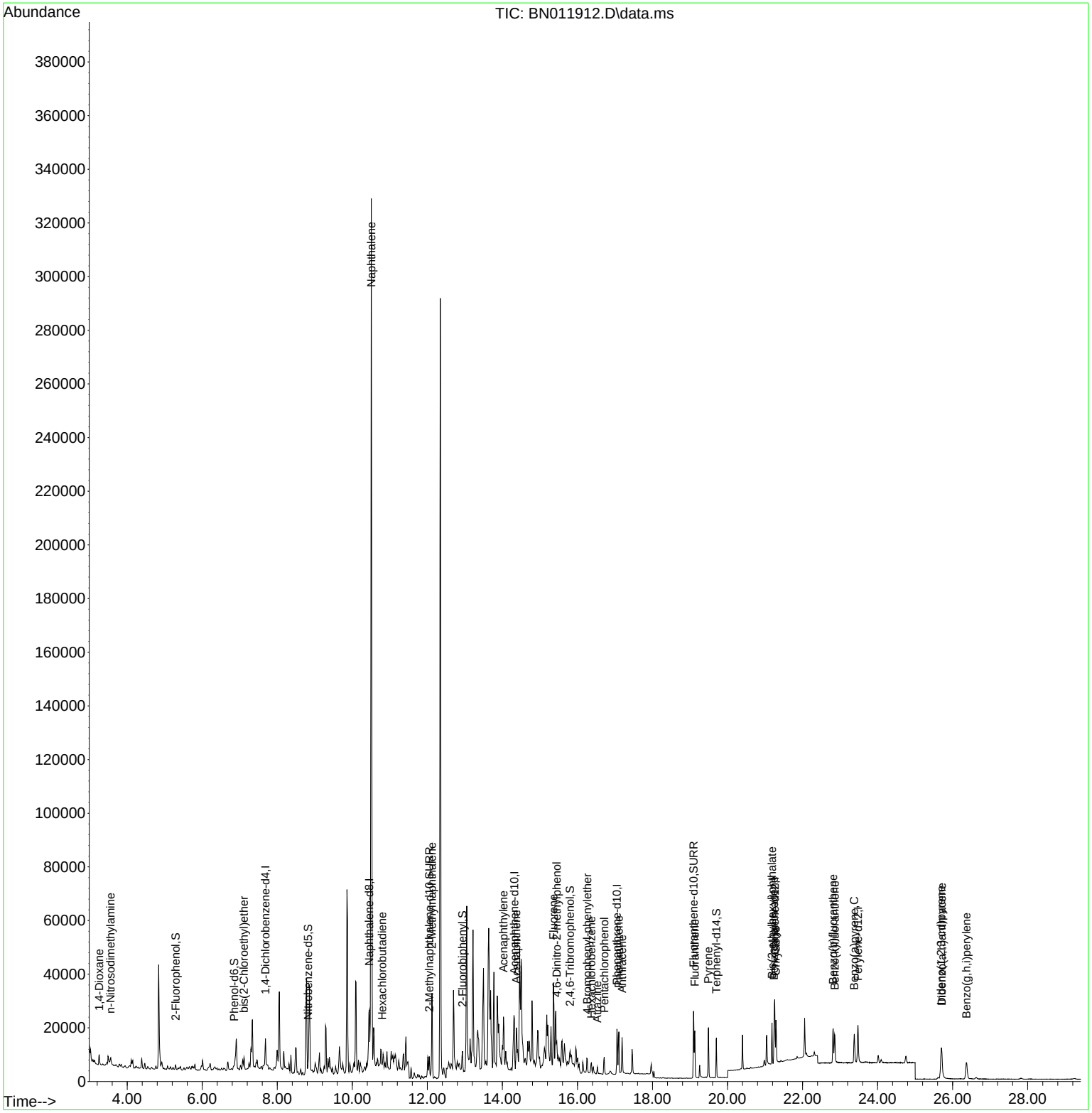
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

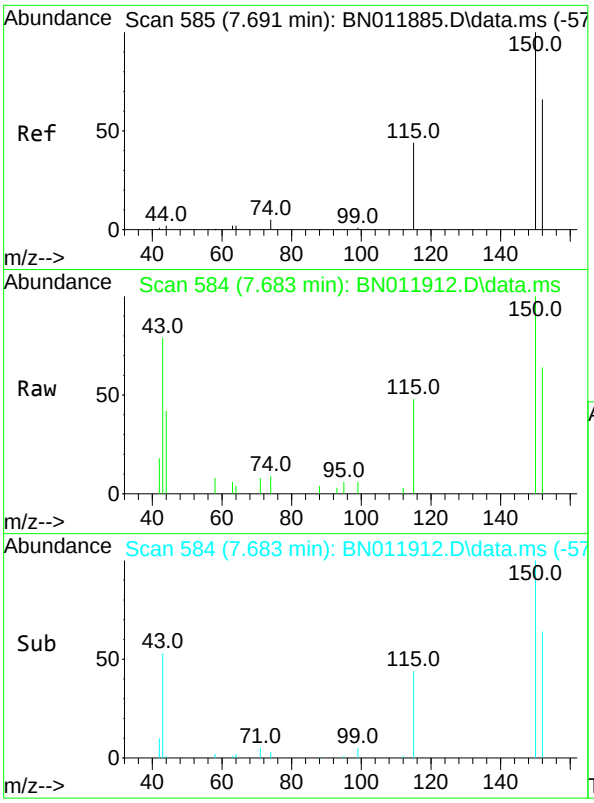
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092420\
Data File : BN011912.D
Acq On : 24 Sep 2020 14:08
Operator : CG/JU
Sample : L3988-23MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 24 14:40:29 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 18:41:41 2020
Response via : Initial Calibration



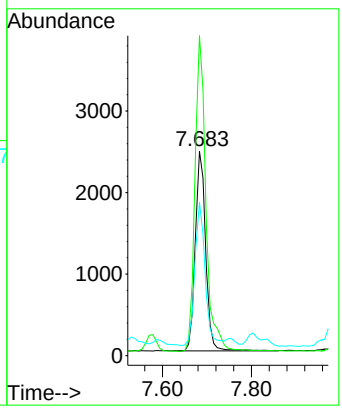
Instrument :
BNA_N
ClientSampleId :

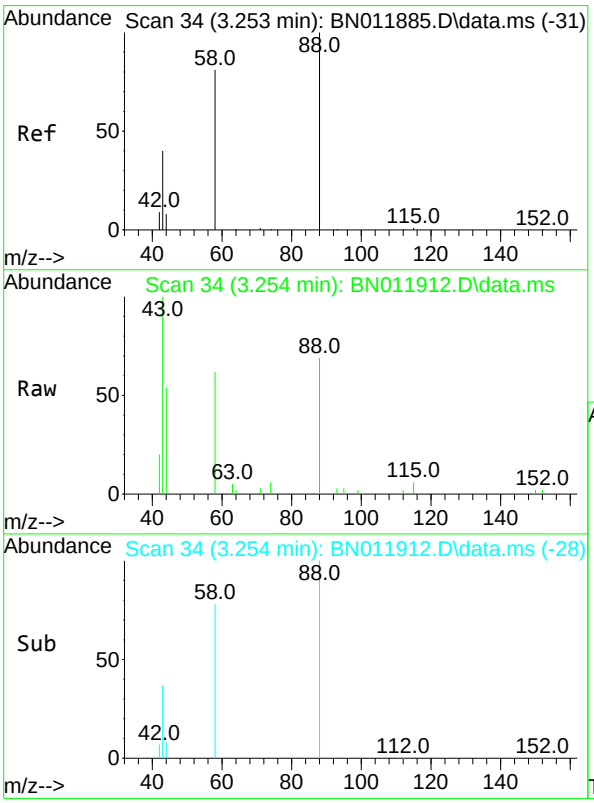


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.683 min Scan# 584
Delta R.T. -0.008 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:152 Resp: 3979

Ion	Ratio	Lower	Upper
152	100		
150	156.5	118.3	177.5
115	75.0	51.3	76.9

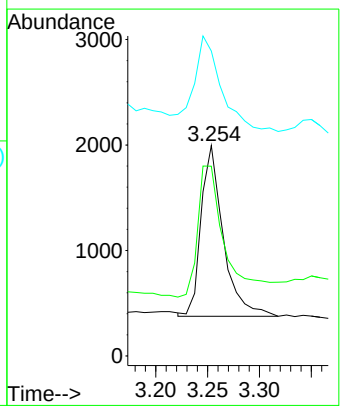




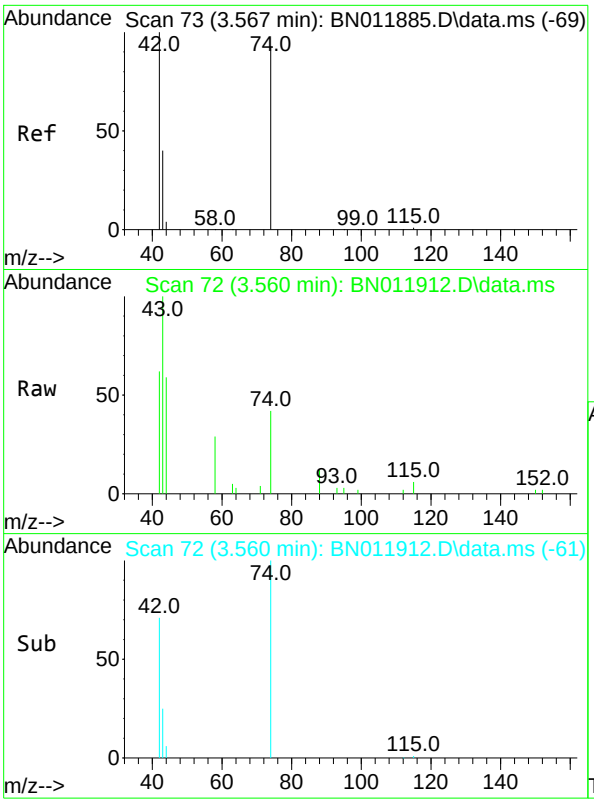
#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.254 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion: 88 Resp: 2410

Ion	Ratio	Lower	Upper
88	100		
58	94.6	63.3	94.9
43	71.8	33.0	49.4#



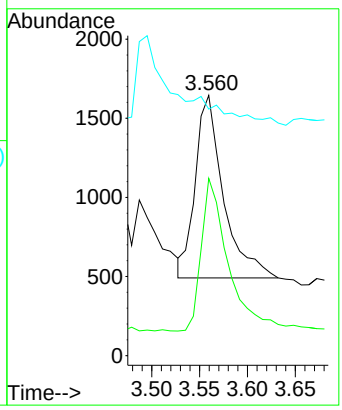
Instrument :
BNA_N
ClientSampleId :

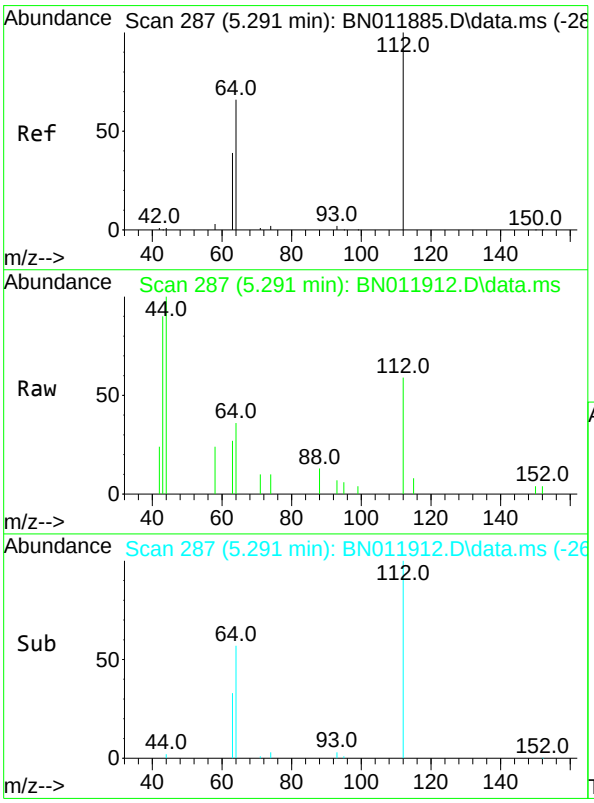


#3
n-Nitrosodimethylamine
Concen: 0.24 ng
RT: 3.560 min Scan# 72
Delta R.T. -0.007 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion: 42 Resp: 2355

Ion	Ratio	Lower	Upper
42	100		
74	79.8	64.4	96.6
44	0.0	6.7	10.1#

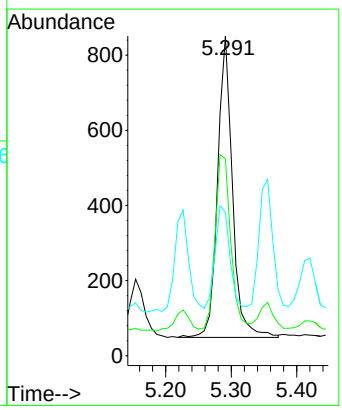




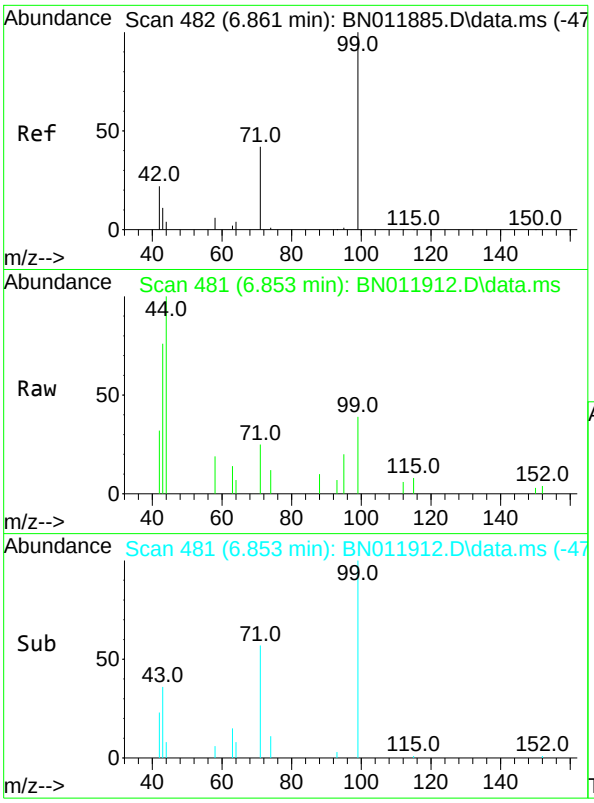
#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.291 min Scan# 287
Delta R.T. 0.000 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:112 Resp: 1263

Ion	Ratio	Lower	Upper
112	100		
64	62.9	49.0	73.6
63	35.6	31.8	47.6



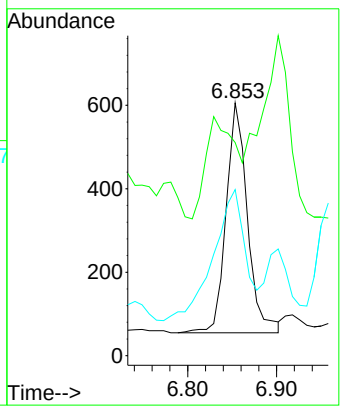
Instrument :
BNA_N
ClientSampleId :

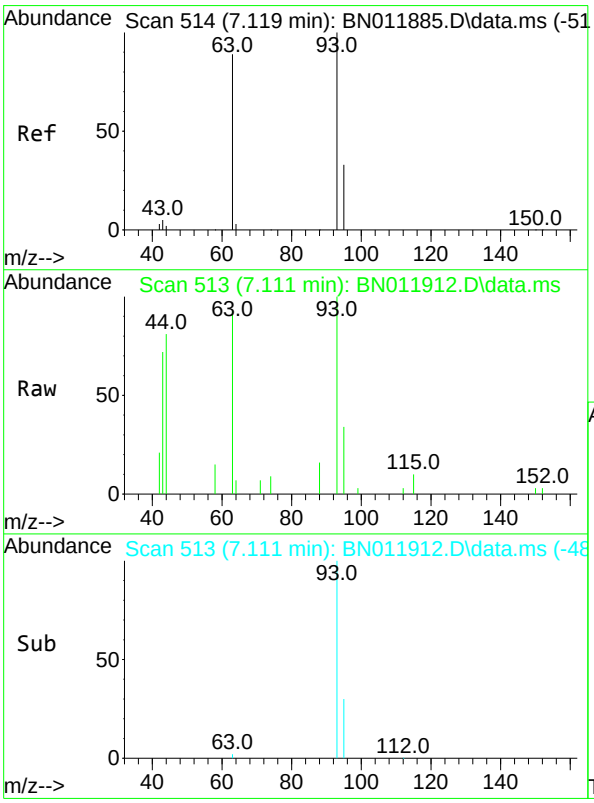


#5
Phenol-d6
Concen: 0.05 ng
RT: 6.853 min Scan# 481
Delta R.T. -0.008 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion: 99 Resp: 915

Ion	Ratio	Lower	Upper
99	100		
42	0.0	23.4	35.0#
71	86.1	38.1	57.1#

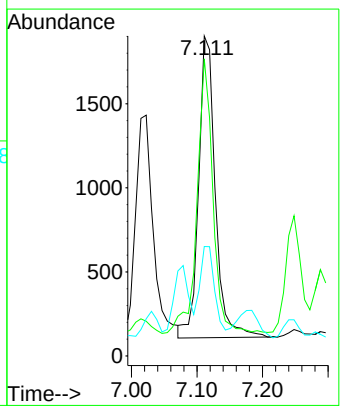




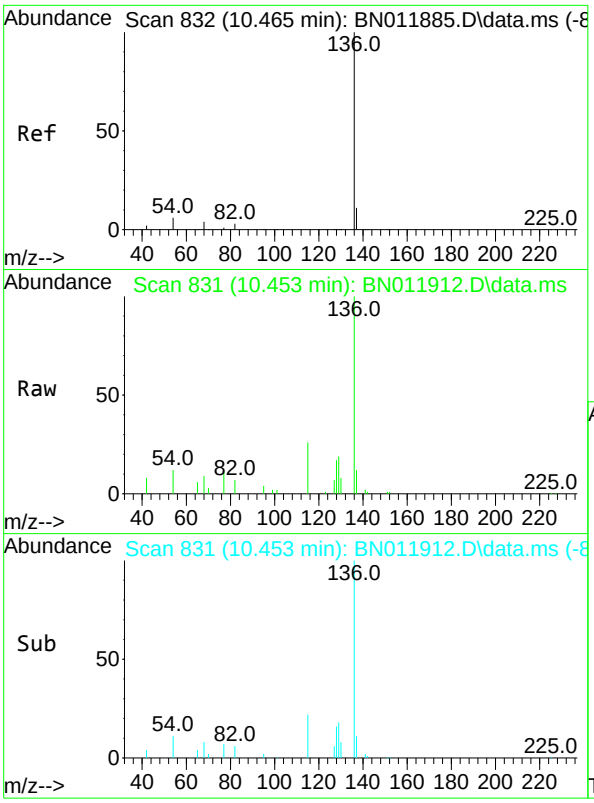
#6
bis(2-Chloroethyl)ether
Concen: 0.21 ng
RT: 7.111 min Scan# 513
Delta R.T. -0.008 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion: 93 Resp: 3173

Ion	Ratio	Lower	Upper
93	100		
63	87.3	61.1	91.7
95	26.1	25.5	38.3



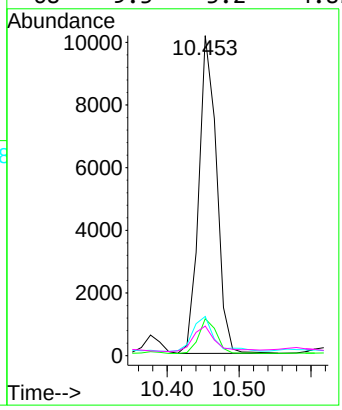
Instrument :
BNA_N
ClientSampleId :

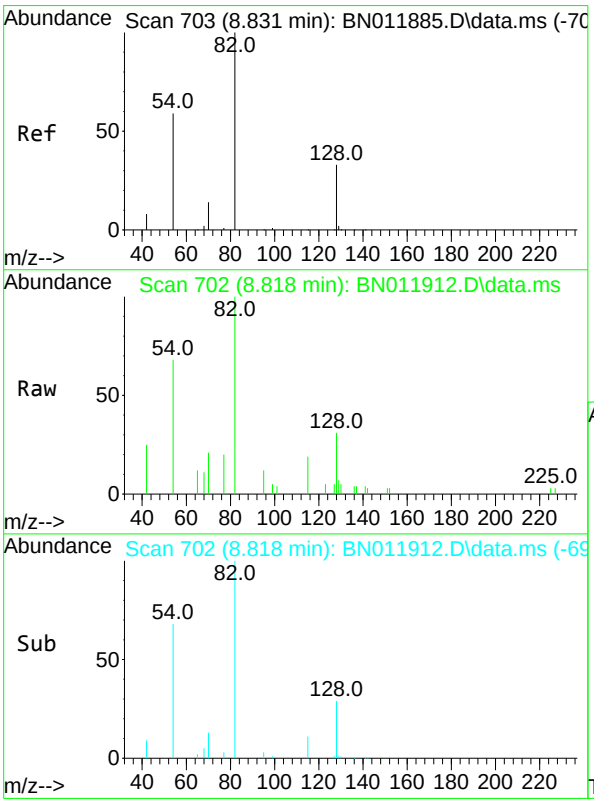


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. -0.012 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:136 Resp: 17371

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	12.3	5.6	8.4#
68	9.3	3.2	4.8#

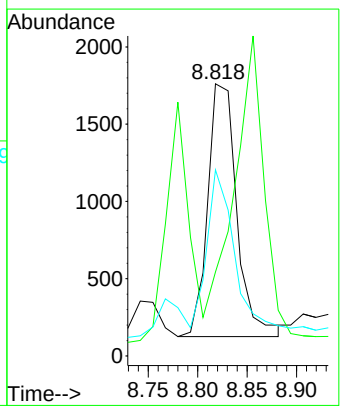


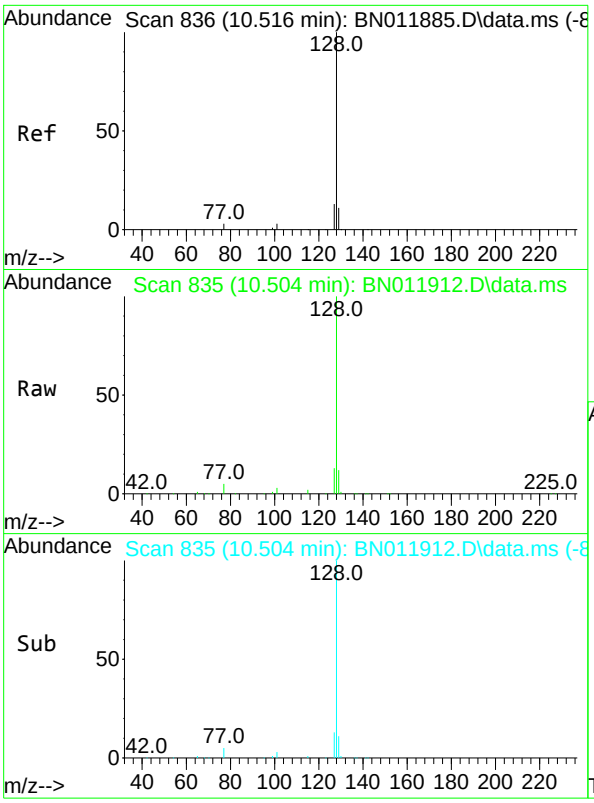


#8
Nitrobenzene-d5
Concen: 0.19 ng
RT: 8.818 min Scan# 702
Delta R.T. -0.012 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion: 82 Resp: 3357

Ion	Ratio	Lower	Upper
82	100		
128	30.9	34.2	51.2#
54	68.4	43.1	64.7#

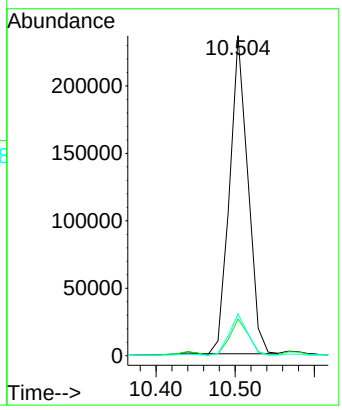




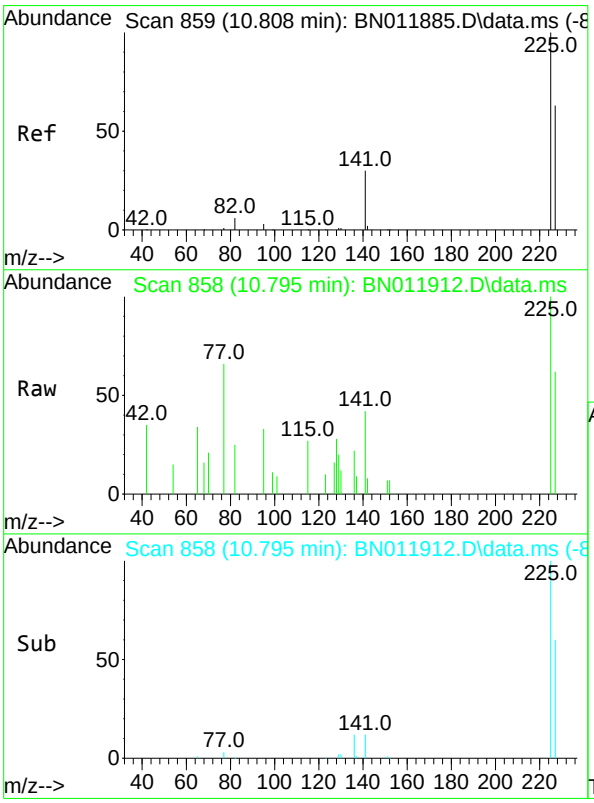
#9
Naphthalene
Concen: 7.64 ng
RT: 10.504 min Scan# 835
Delta R.T. -0.012 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:128 Resp: 380106

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.7	14.5
127	13.0	11.0	16.4



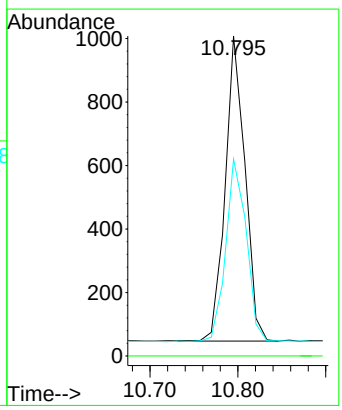
Instrument :
BNA_N
ClientSampleId :



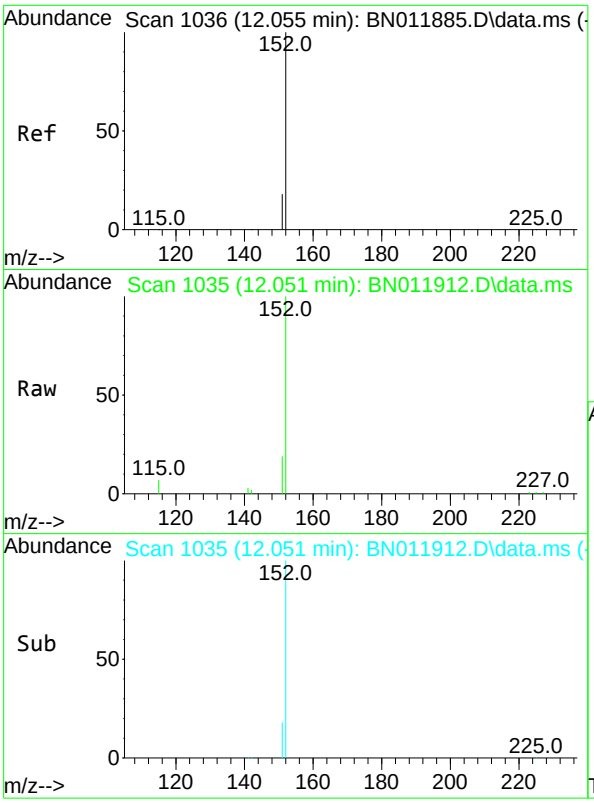
#10
Hexachlorobutadiene
Concen: 0.18 ng
RT: 10.795 min Scan# 858
Delta R.T. -0.012 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:225 Resp: 1499

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.5	51.9	77.9



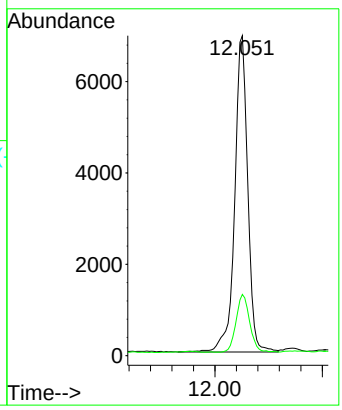
Instrument :
BNA_N
ClientSampleId :

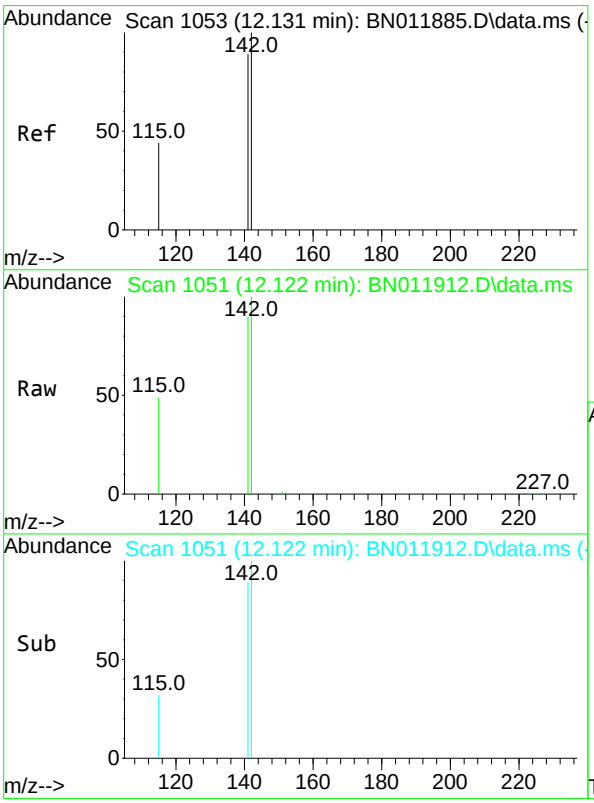


#11
2-Methylnaphthalene-d10
Concen: 0.42 ng
RT: 12.051 min Scan# 1035
Delta R.T. -0.004 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:152 Resp: 11603

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.7	25.1

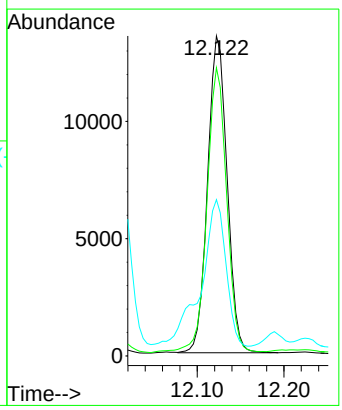




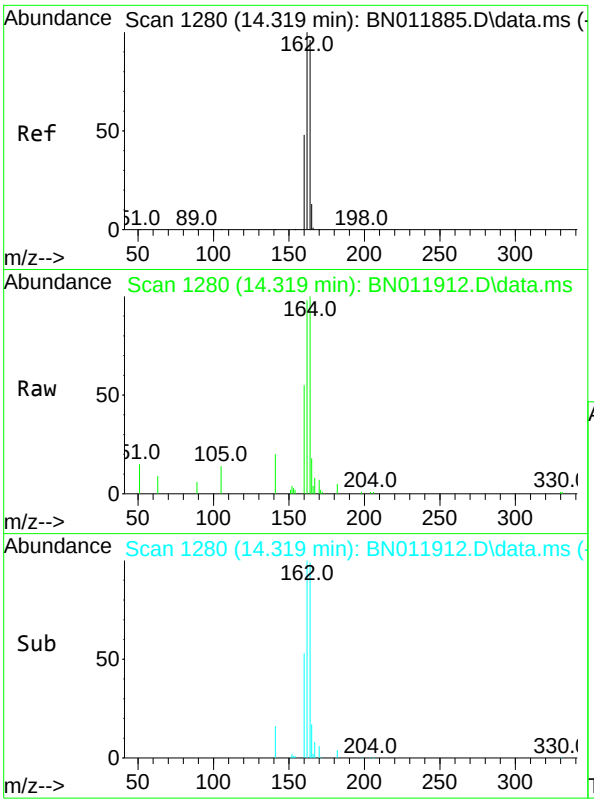
#12
2-Methylnaphthalene
Concen: 0.67 ng
RT: 12.122 min Scan# 1051
Delta R.T. -0.009 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:142 Resp: 21111

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.0	105.0
115	48.9	35.8	53.6



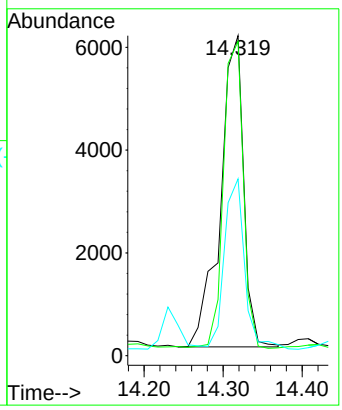
Instrument :
BNA_N
ClientSampleId :

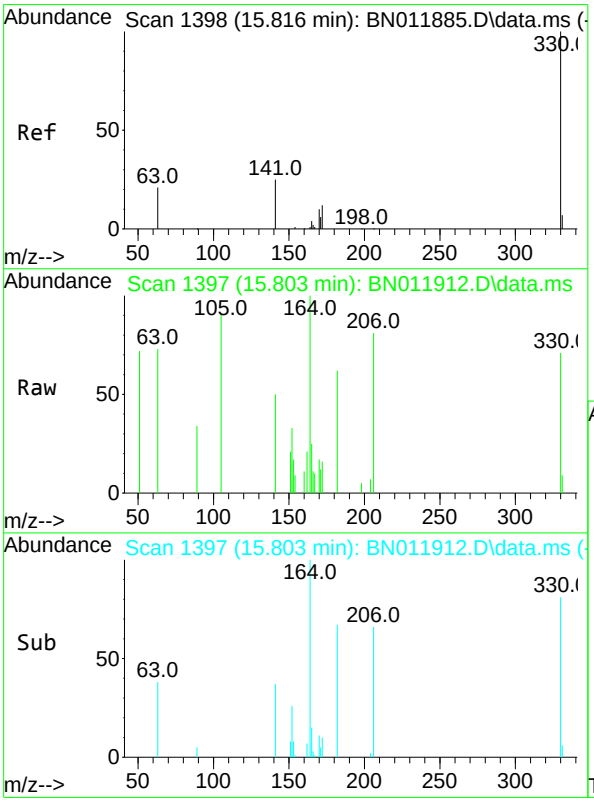


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.319 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:164 Resp: 12411

Ion	Ratio	Lower	Upper
164	100		
162	98.2	83.6	125.4
160	55.2	41.2	61.8

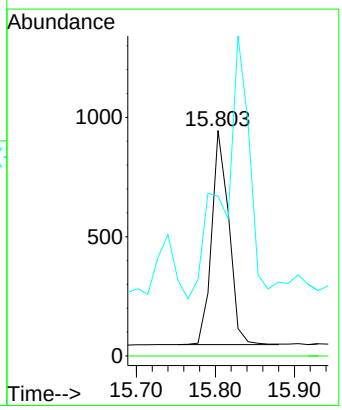




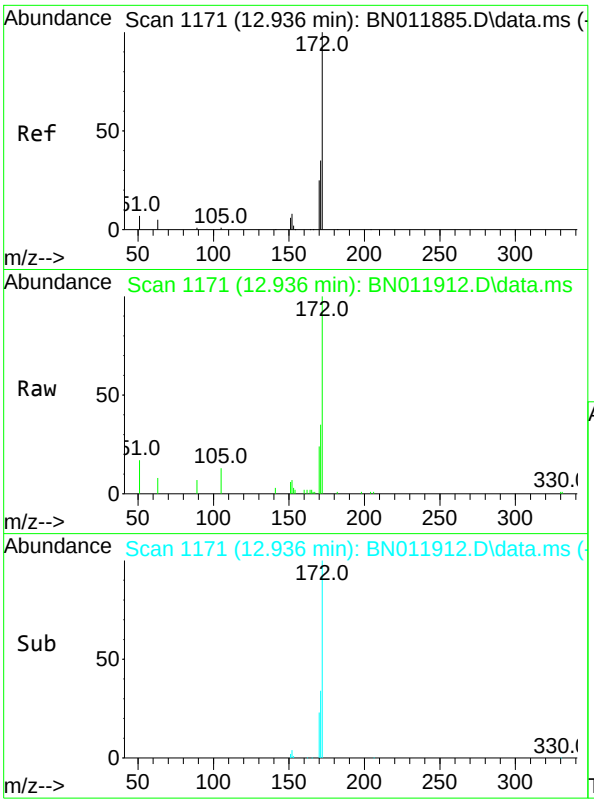
#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.803 min Scan# 1397
Delta R.T. -0.013 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:330 Resp: 1346

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	33.7	50.5#



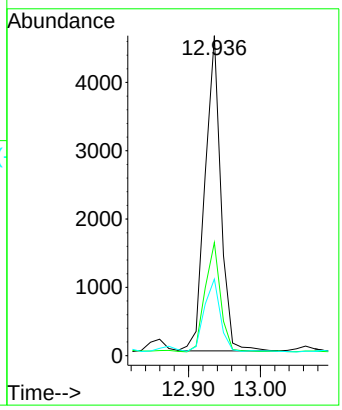
Instrument :
BNA_N
ClientSampleId :

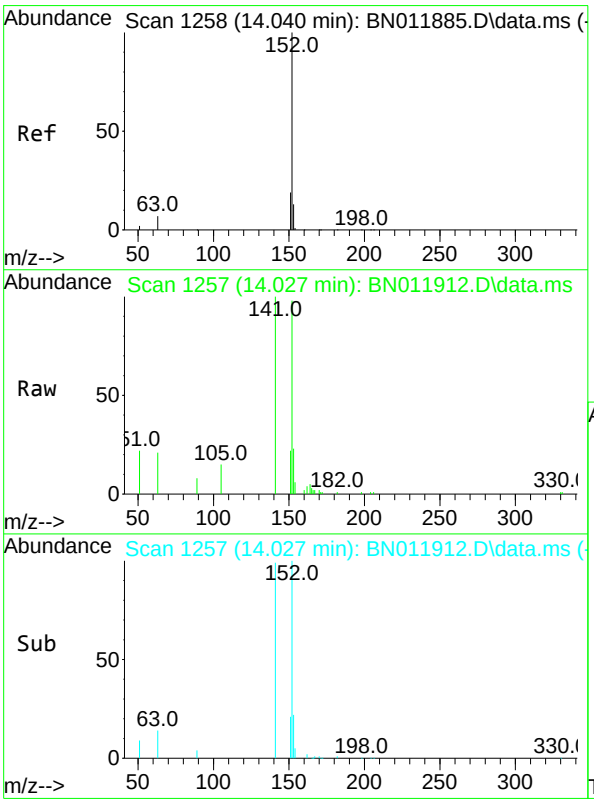


#15
2-Fluorobiphenyl
Concen: 0.15 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:172 Resp: 7008

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.2
170	23.9	17.8	26.6

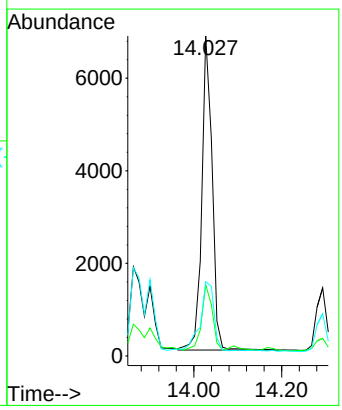




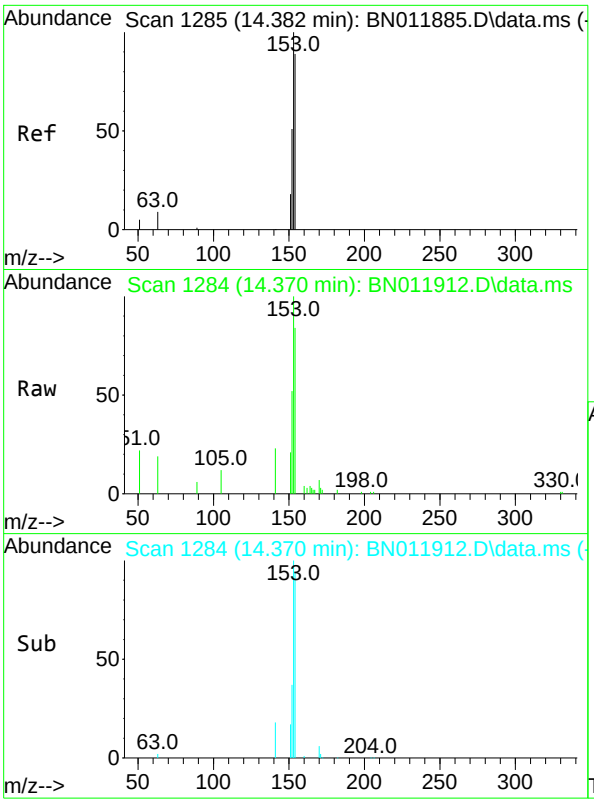
#16
Acenaphthylene
Concen: 0.19 ng
RT: 14.027 min Scan# 1257
Delta R.T. -0.013 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:152 Resp: 11125

Ion	Ratio	Lower	Upper
152	100		
151	21.9	15.9	23.9
153	28.9	10.5	15.7#



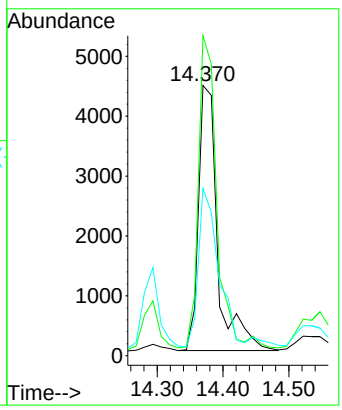
Instrument :
BNA_N
ClientSampleId :

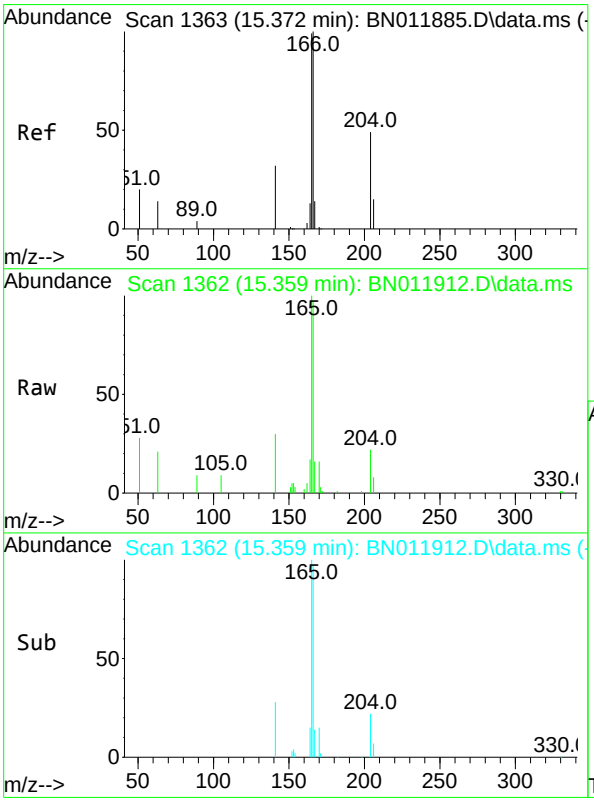


#17
Acenaphthene
Concen: 0.22 ng
RT: 14.370 min Scan# 1284
Delta R.T. -0.013 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:154 Resp: 8999

Ion	Ratio	Lower	Upper
154	100		
153	112.0	83.4	125.2
152	62.9	42.8	64.2

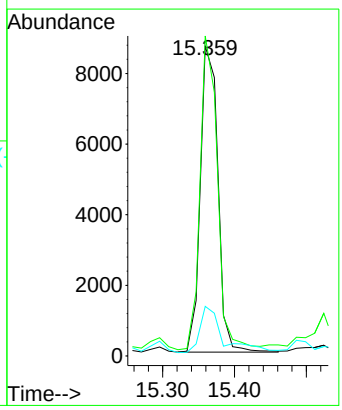


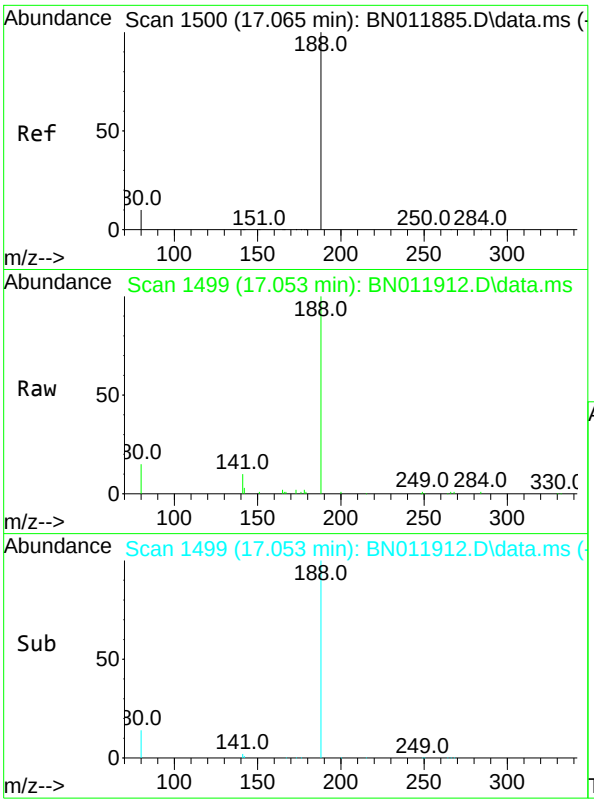


#18
Fluorene
Concen: 0.30 ng
RT: 15.359 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:166 Resp: 14773

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.8	118.2
167	19.7	11.2	16.8#

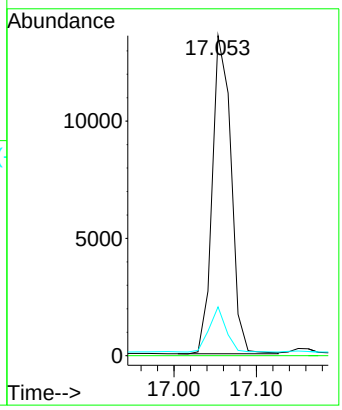




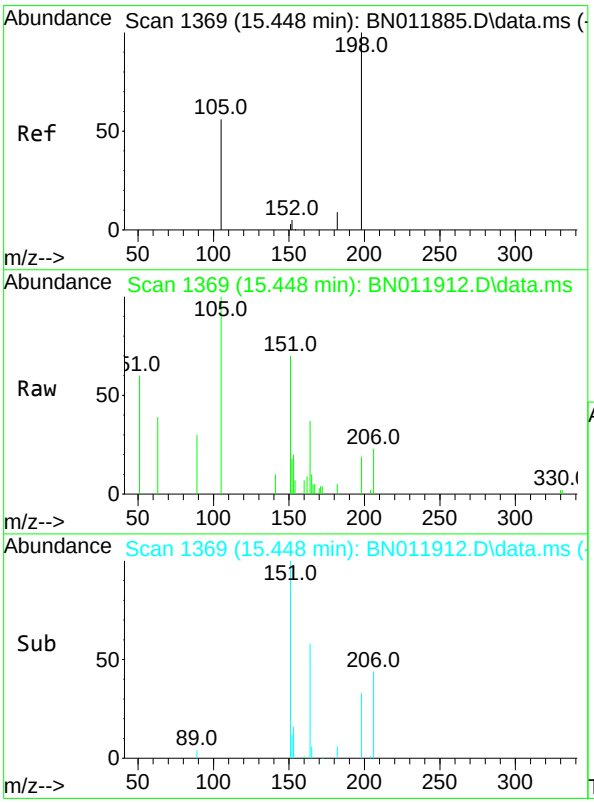
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:188 Resp: 21460

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.3	7.7	11.5#



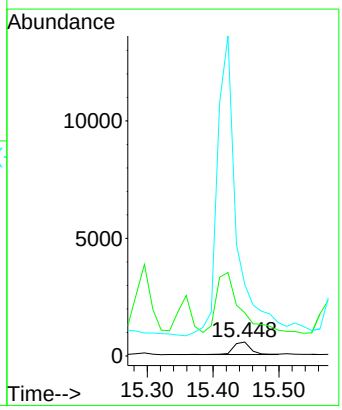
Instrument :
BNA_N
ClientSampleId :



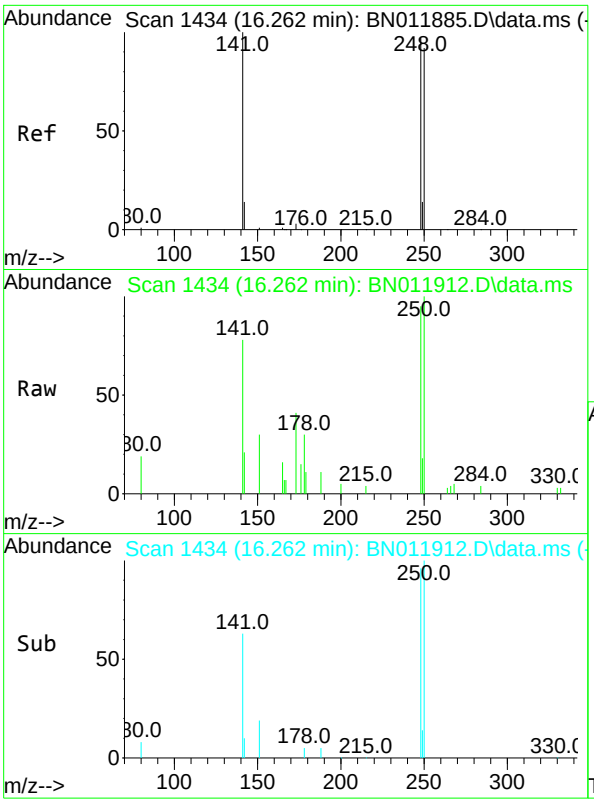
#20
4,6-Dinitro-2-methylphenol
Concen: 0.24 ng
RT: 15.448 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:198 Resp: 965

Ion	Ratio	Lower	Upper
198	100		
51	311.0	45.0	67.4#
105	514.6	30.4	45.6#



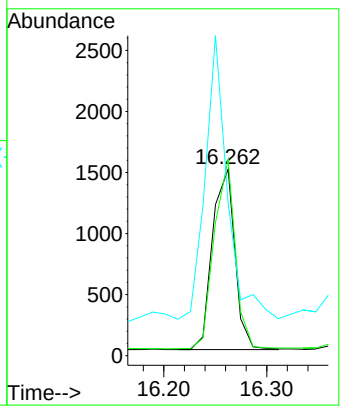
Instrument :
BNA_N
ClientSampleId :

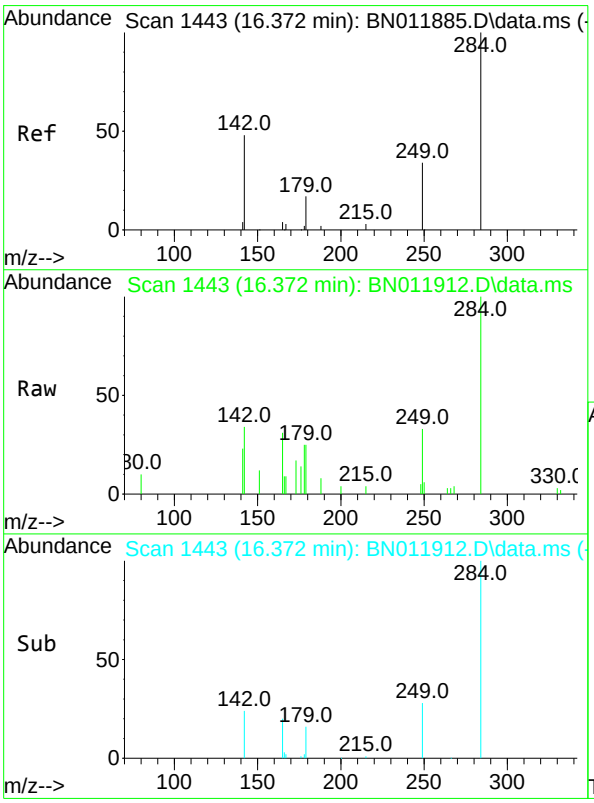


#21
4-Bromophenyl-phenylether
Concen: 0.20 ng
RT: 16.262 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:248 Resp: 2235

Ion	Ratio	Lower	Upper
248	100		
250	105.2	82.7	124.1
141	82.1	33.7	50.5#

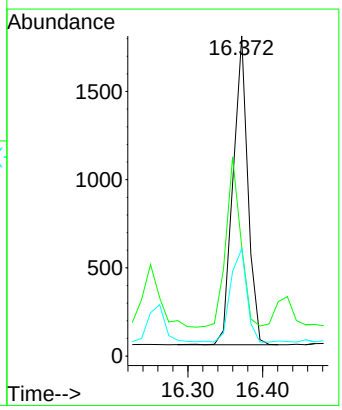




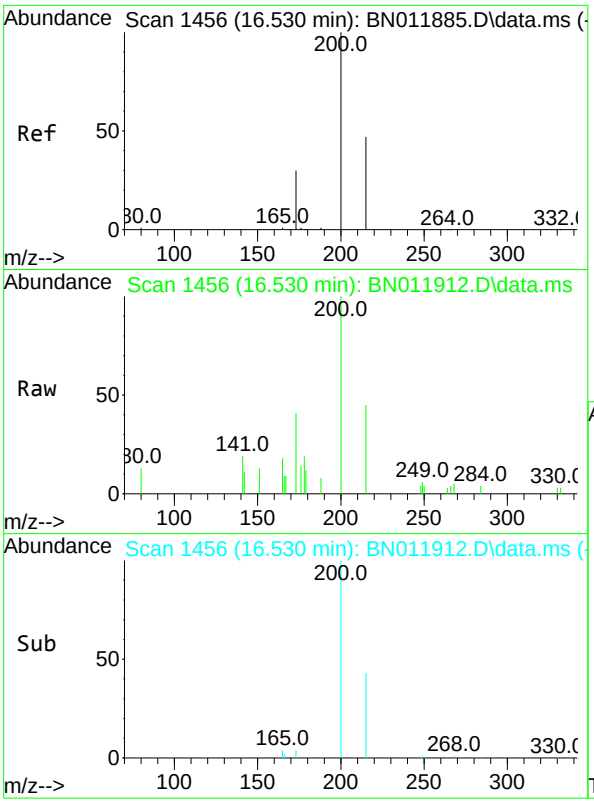
#22
Hexachlorobenzene
Concen: 0.18 ng
RT: 16.372 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:284 Resp: 2408

Ion	Ratio	Lower	Upper
284	100		
142	55.7	32.4	48.6#
249	33.1	26.8	40.2



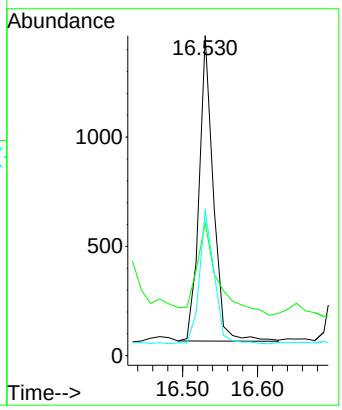
Instrument :
BNA_N
ClientSampleId :

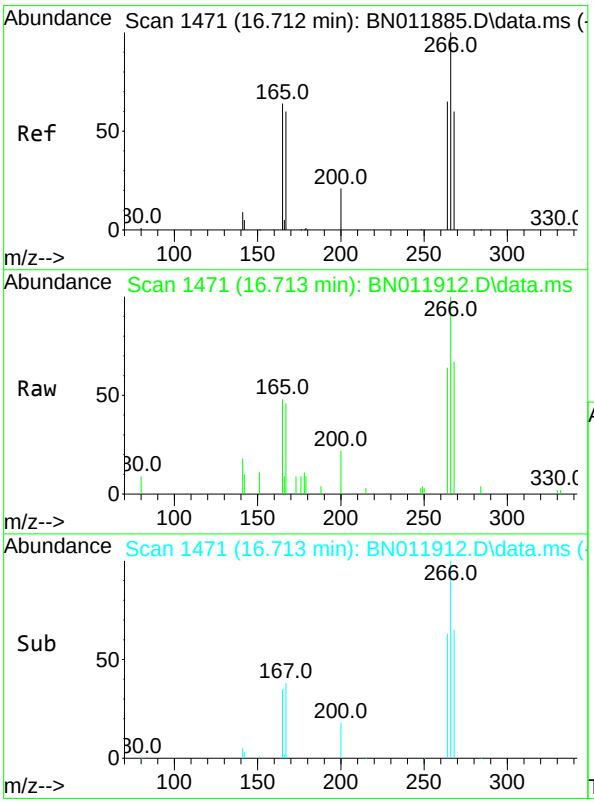


#23
Atrazine
Concen: 0.17 ng
RT: 16.530 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:200 Resp: 1839

Ion	Ratio	Lower	Upper
200	100		
173	41.5	18.7	28.1#
215	45.4	40.2	60.4

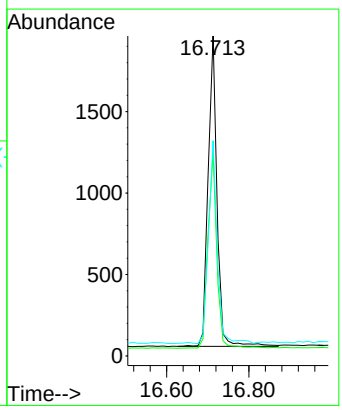




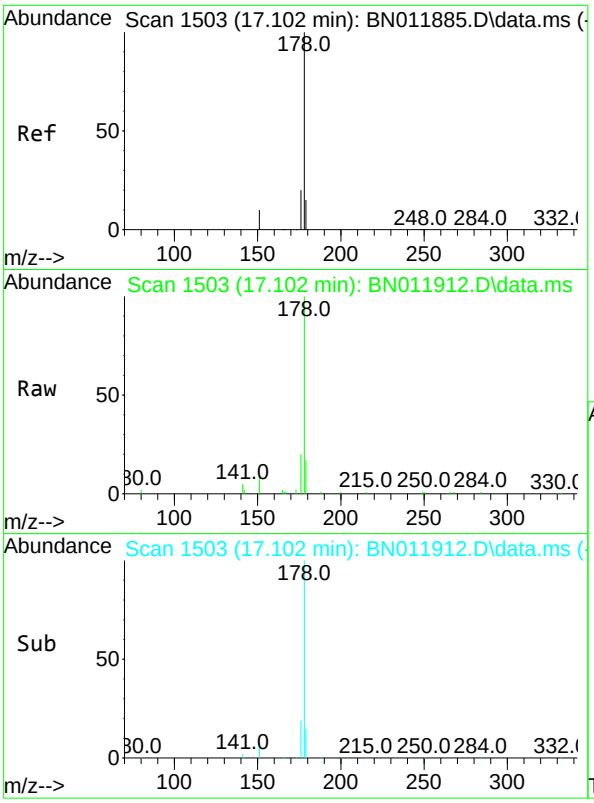
#24
Pentachlorophenol
Concen: 0.44 ng
RT: 16.713 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:266 Resp: 2862

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.2	76.8
268	64.0	52.4	78.6



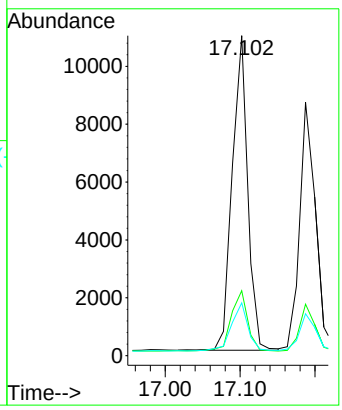
Instrument :
BNA_N
ClientSampleId :

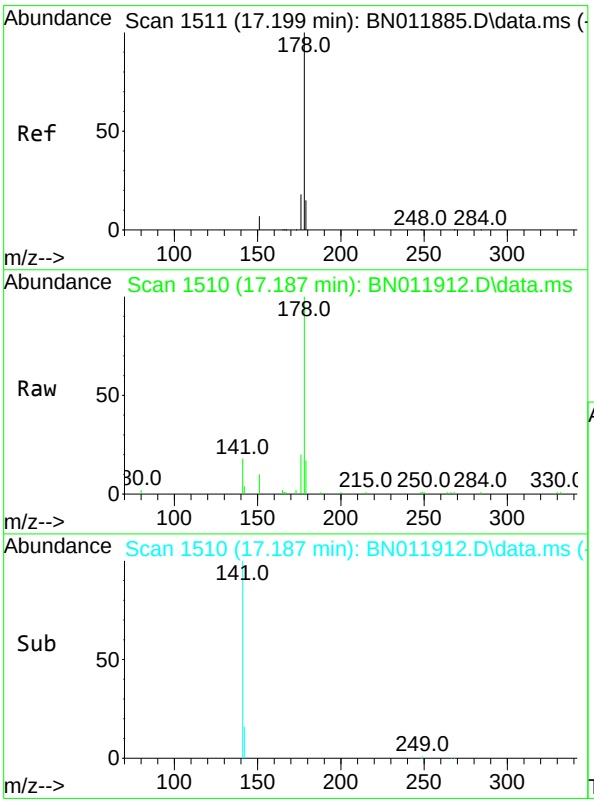


#25
Phenanthrene
Concen: 0.24 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:178 Resp: 15617

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.1	22.7
179	16.8	12.3	18.5

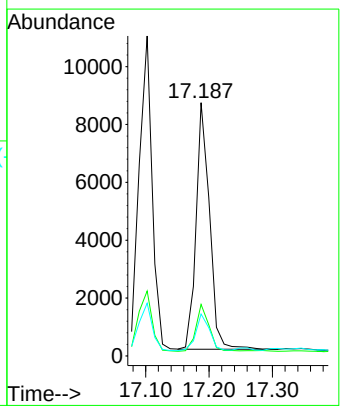


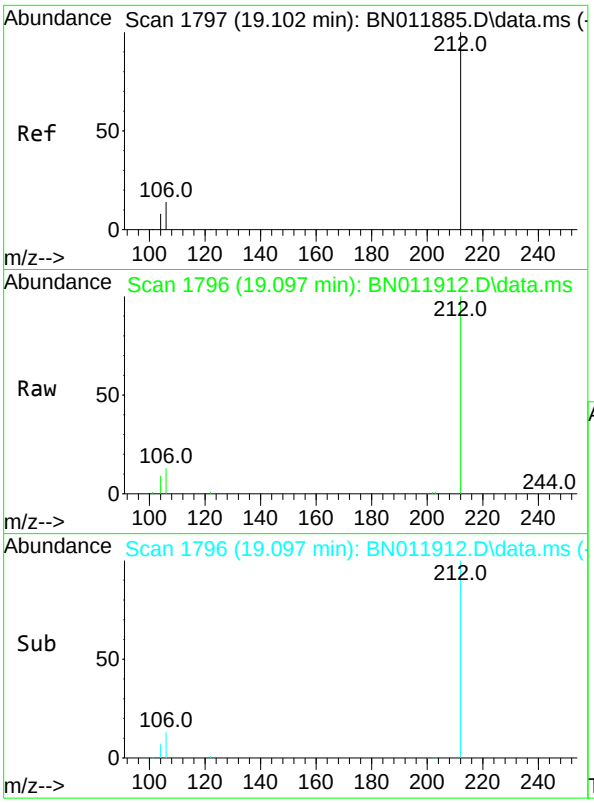


#26
Anthracene
Concen: 0.22 ng
RT: 17.187 min Scan# 1510
Delta R.T. -0.012 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:178 Resp: 12582

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.1	12.4	18.6

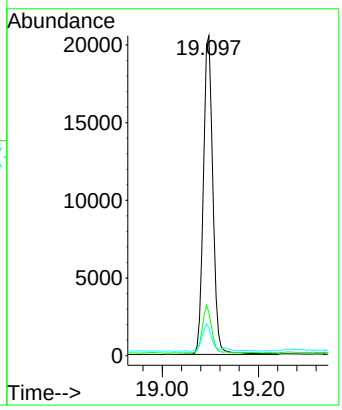




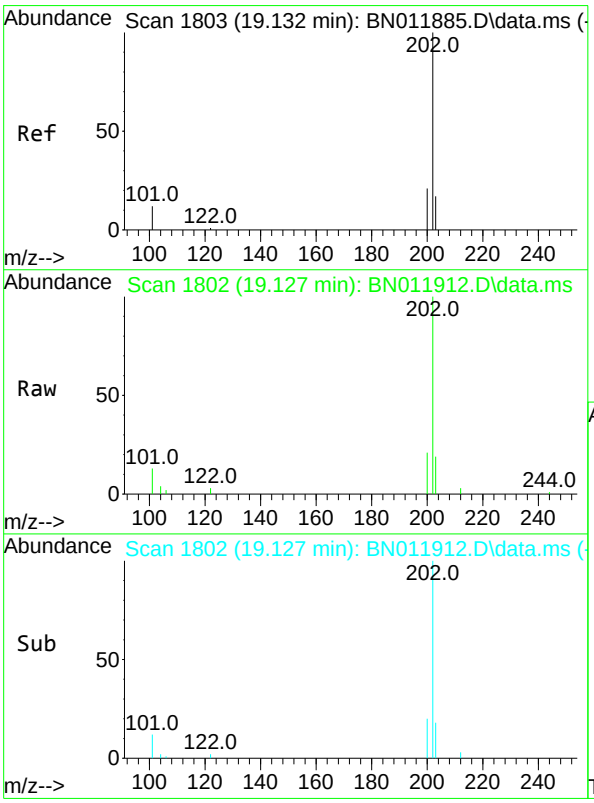
#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.097 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:212 Resp: 28176

Ion	Ratio	Lower	Upper
212	100		
106	14.4	6.4	9.6#
104	8.3	3.9	5.9#



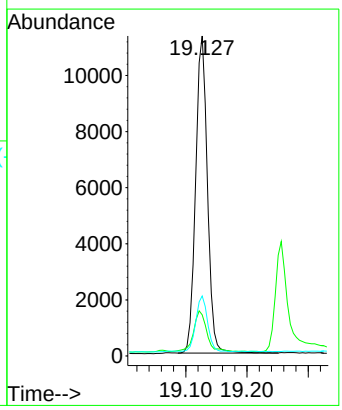
Instrument :
BNA_N
ClientSampleId :



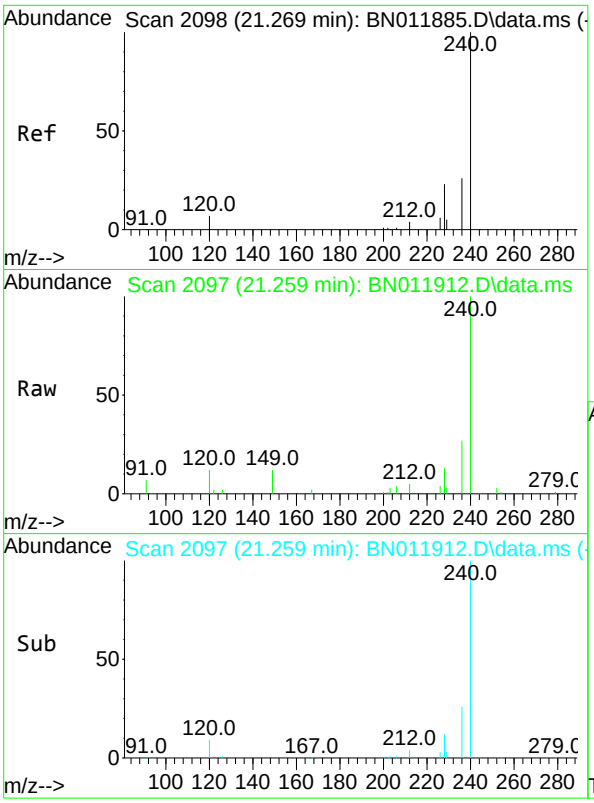
#28
Fluoranthene
Concen: 0.21 ng
RT: 19.127 min Scan# 1802
Delta R.T. -0.005 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:202 Resp: 15115

Ion	Ratio	Lower	Upper
202	100		
101	14.0	5.4	8.2#
203	17.4	13.8	20.6



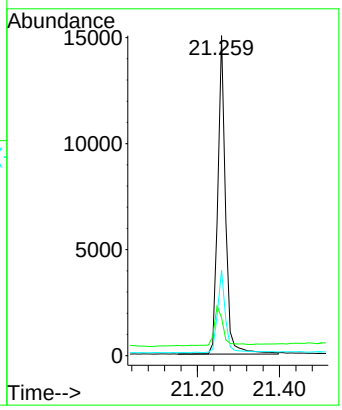
Instrument :
BNA_N
ClientSampleId :

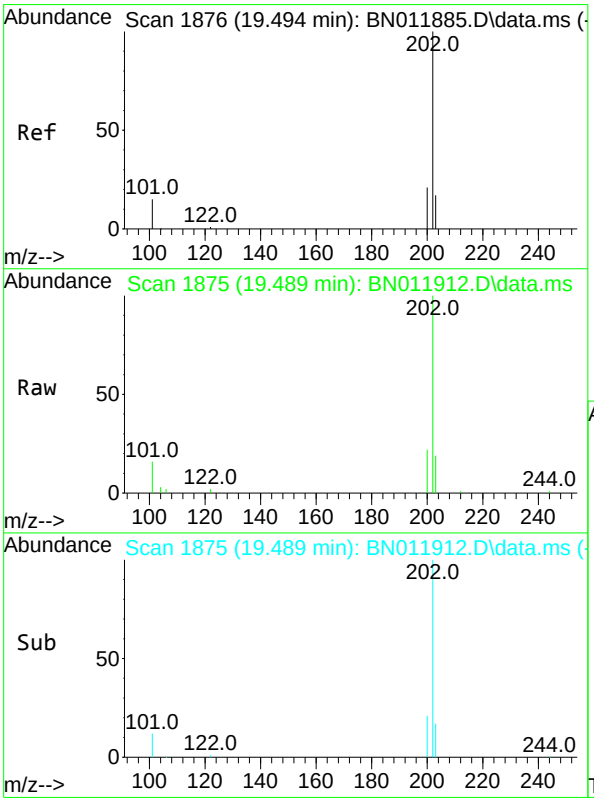


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2097
Delta R.T. -0.010 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:240 Resp: 19629

Ion	Ratio	Lower	Upper
240	100		
120	11.9	3.5	5.3#
236	26.8	20.5	30.7

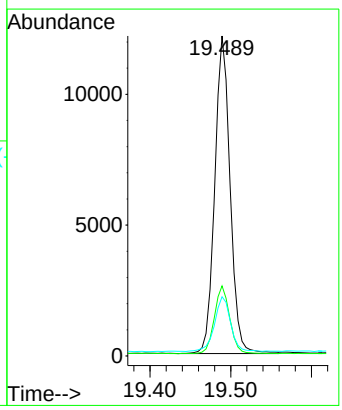




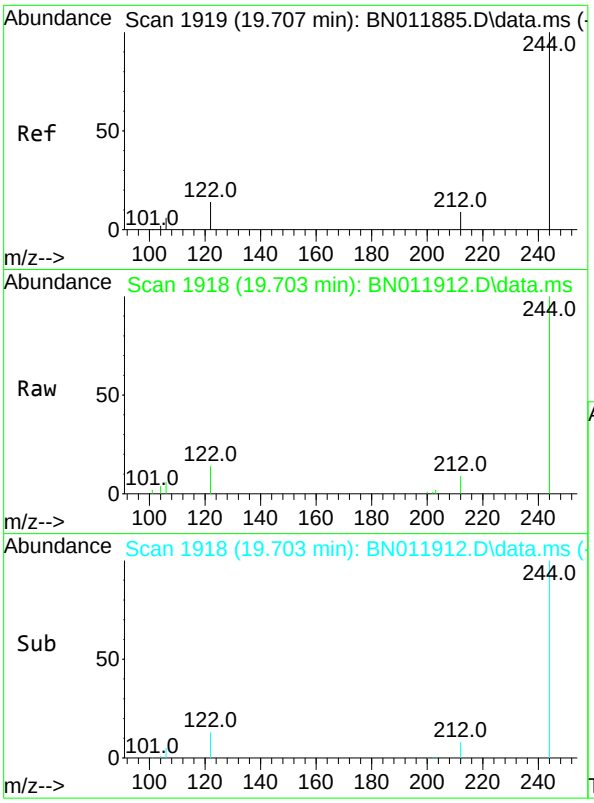
#30
Pyrene
Concen: 0.22 ng
RT: 19.489 min Scan# 1875
Delta R.T. -0.005 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:202 Resp: 16078

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.5	24.7
203	17.9	13.9	20.9



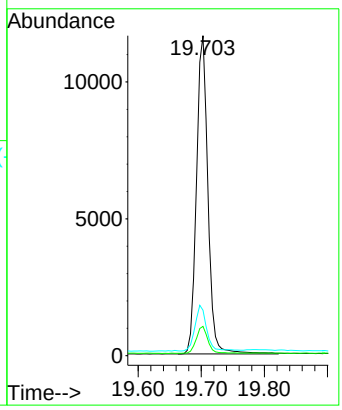
Instrument :
BNA_N
ClientSampleId :

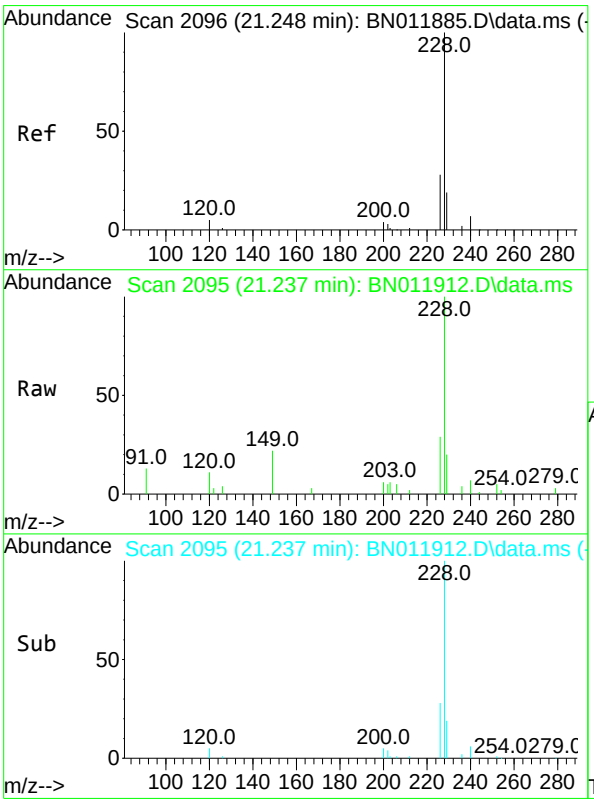


#31
Terphenyl-d14
Concen: 0.33 ng
RT: 19.703 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:244 Resp: 14717

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	14.2	7.8	11.6#

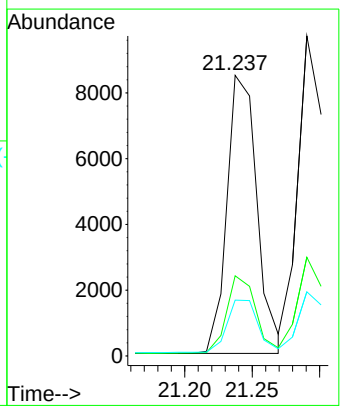




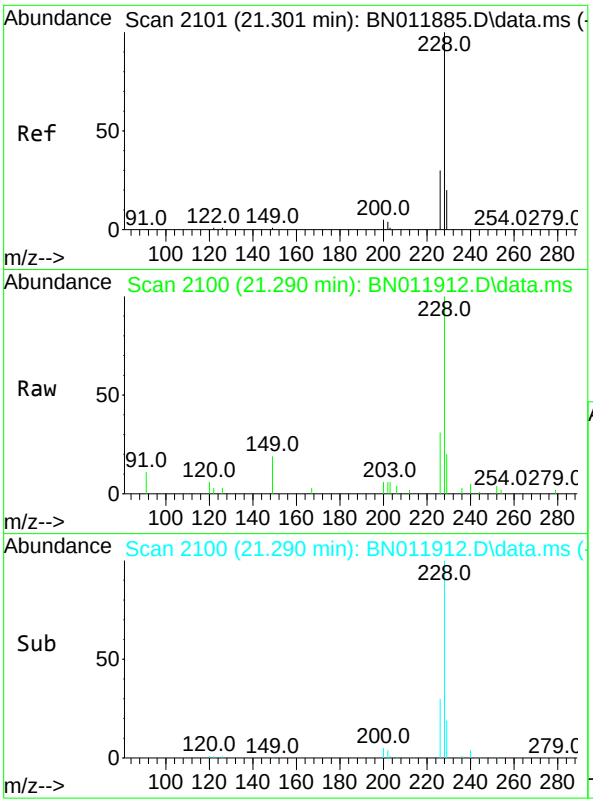
#32
Benzo(a)anthracene
Concen: 0.21 ng
RT: 21.237 min Scan# 2095
Delta R.T. -0.010 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:228 Resp: 13121

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.0	31.4
229	19.9	16.0	24.0



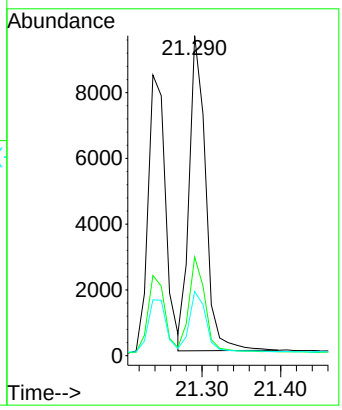
Instrument :
BNA_N
ClientSampleId :

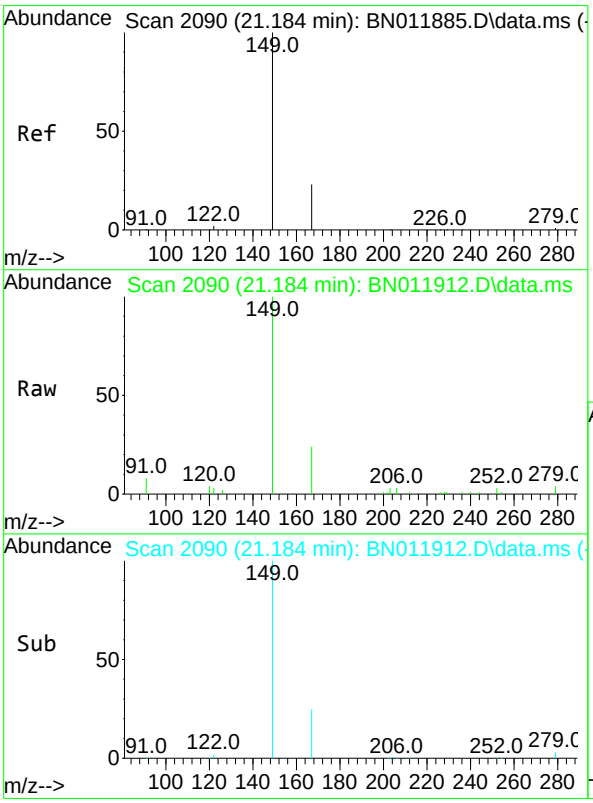


#33
Chrysene
Concen: 0.20 ng
RT: 21.290 min Scan# 2100
Delta R.T. -0.010 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:228 Resp: 13911

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.3	34.9
229	20.0	15.8	23.8

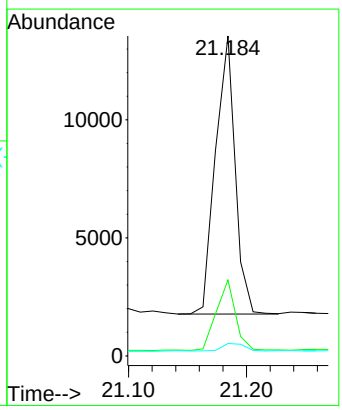


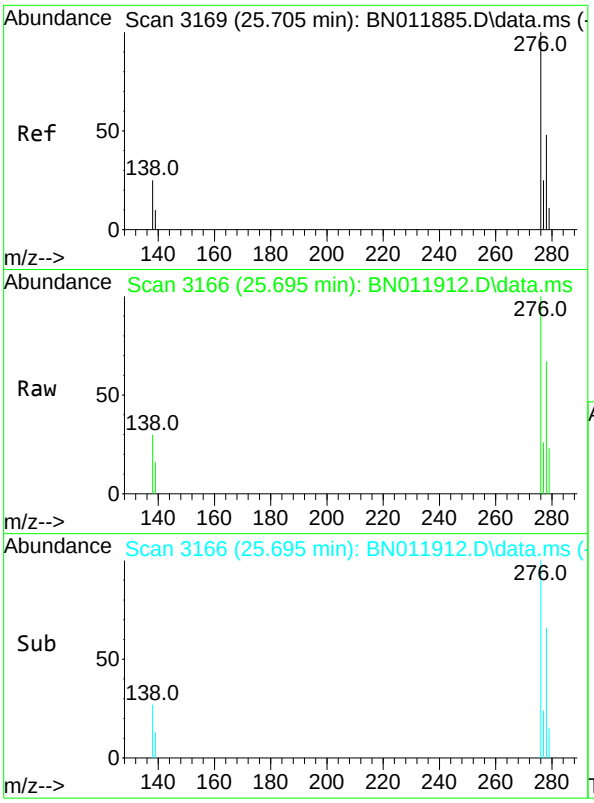


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:149 Resp: 13622

Ion	Ratio	Lower	Upper
149	100		
167	24.6	23.6	35.4
279	3.2	4.0	6.0#

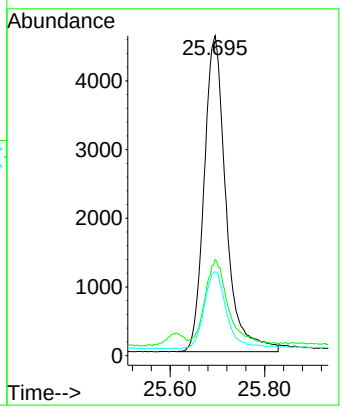




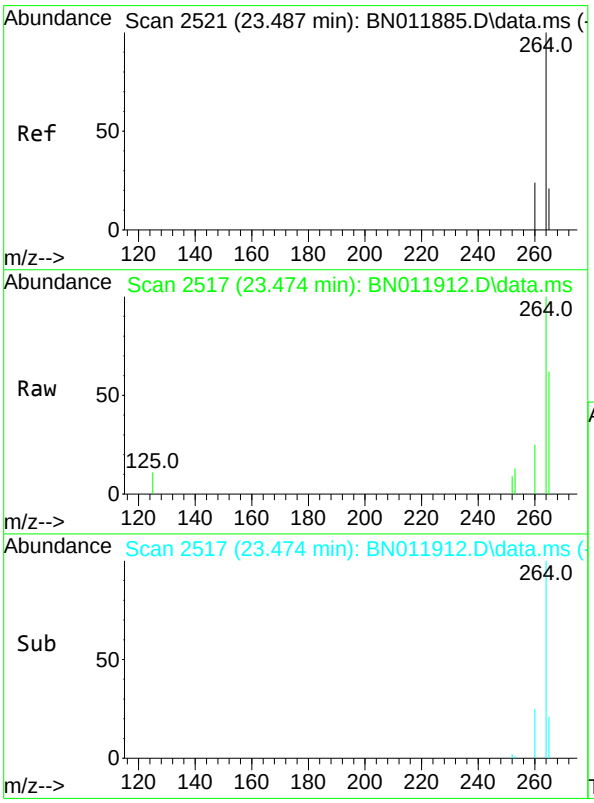
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.19 ng
RT: 25.695 min Scan# 3166
Delta R.T. -0.010 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:276 Resp: 14767

Ion	Ratio	Lower	Upper
276	100		
138	27.8	13.0	19.4#
277	24.2	20.0	30.0



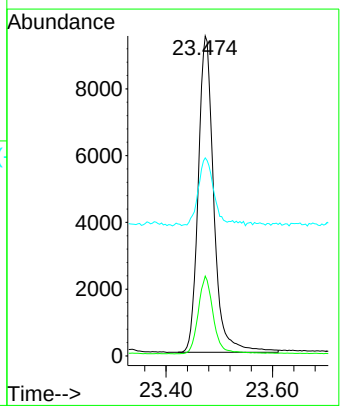
Instrument :
BNA_N
ClientSampleId :



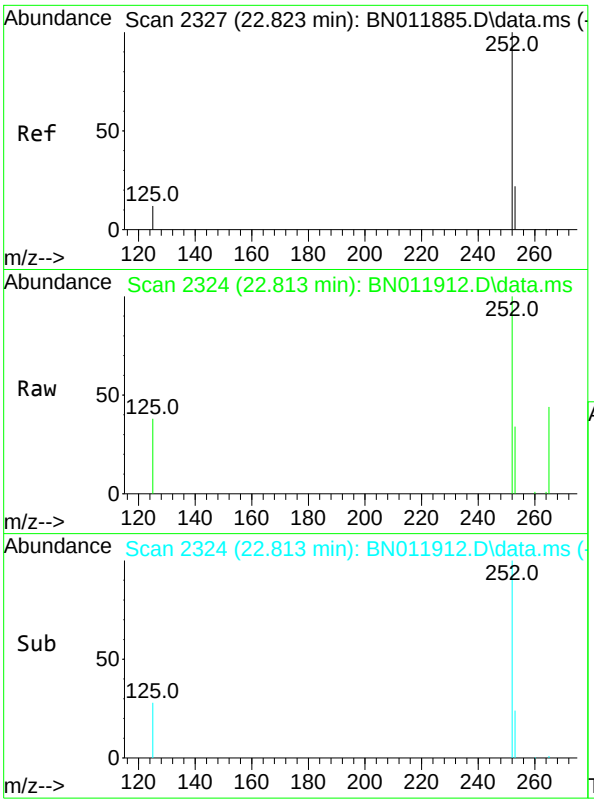
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.474 min Scan# 2517
Delta R.T. -0.014 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:264 Resp: 19190

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	61.9	38.6	58.0#



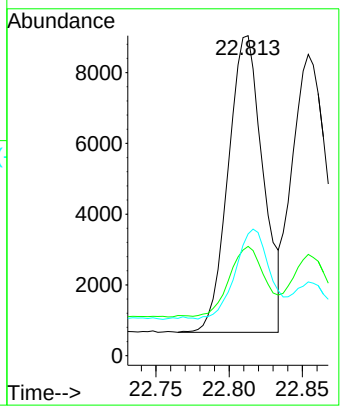
Instrument :
BNA_N
ClientSampleId :

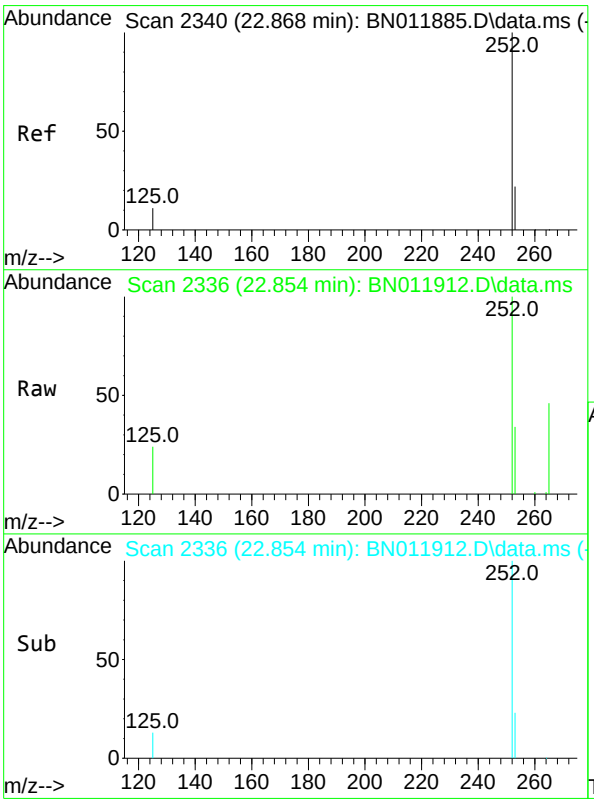


#37
Benzo(b)fluoranthene
Concen: 0.21 ng
RT: 22.813 min Scan# 2324
Delta R.T. -0.010 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:252 Resp: 13904

Ion	Ratio	Lower	Upper
252	100		
253	34.2	19.1	28.7#
125	38.0	6.2	9.2#

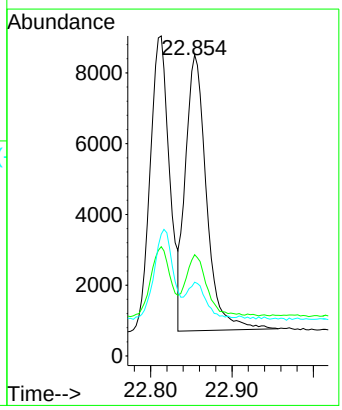




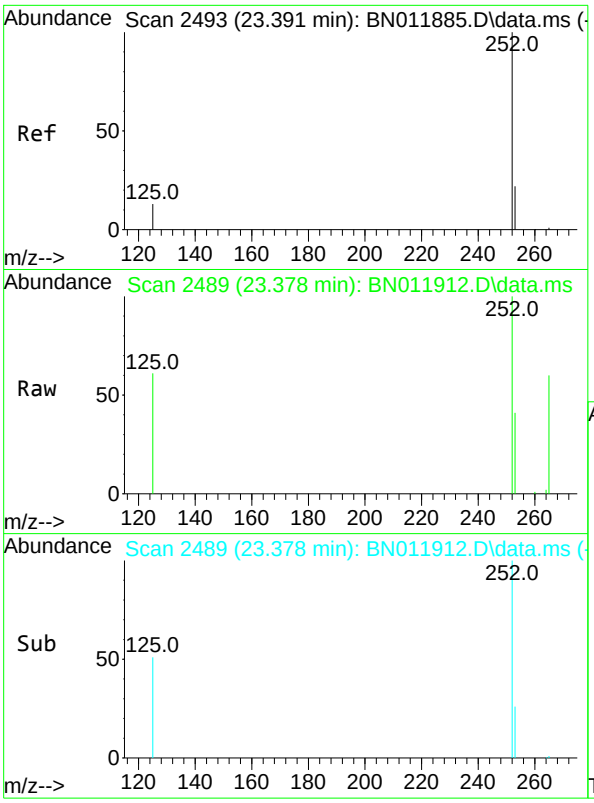
#38
Benzo(k)fluoranthene
Concen: 0.20 ng
RT: 22.854 min Scan# 2336
Delta R.T. -0.014 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:252 Resp: 14009

Ion	Ratio	Lower	Upper
252	100		
253	33.6	19.3	28.9#
125	24.5	6.0	9.0#



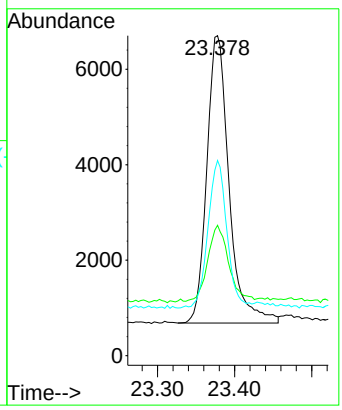
Instrument :
BNA_N
ClientSampleId :

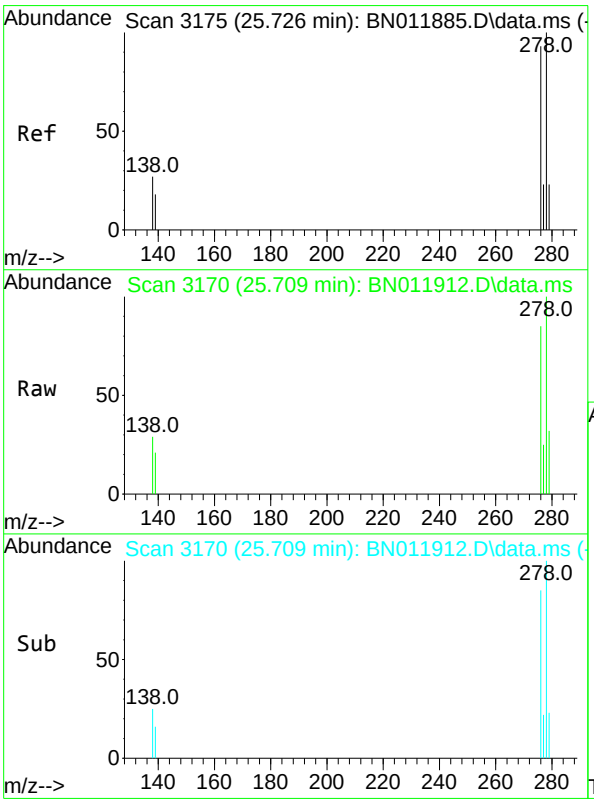


#39
Benzo(a)pyrene
Concen: 0.20 ng
RT: 23.378 min Scan# 2489
Delta R.T. -0.014 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:252 Resp: 12091

Ion	Ratio	Lower	Upper
252	100		
253	40.7	19.8	29.6#
125	61.0	7.3	10.9#

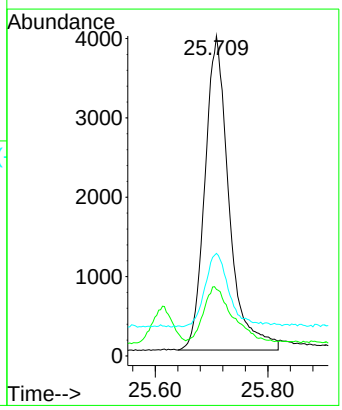


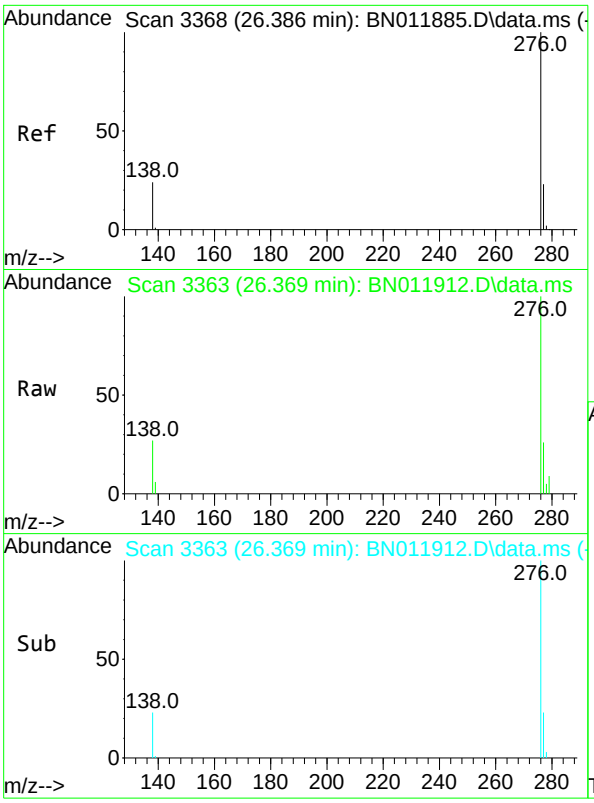


#40
Dibenzo(a,h)anthracene
Concen: 0.19 ng
RT: 25.709 min Scan# 3170
Delta R.T. -0.017 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:278 Resp: 11773

Ion	Ratio	Lower	Upper
278	100		
139	20.8	8.6	13.0#
279	32.0	19.8	29.8#

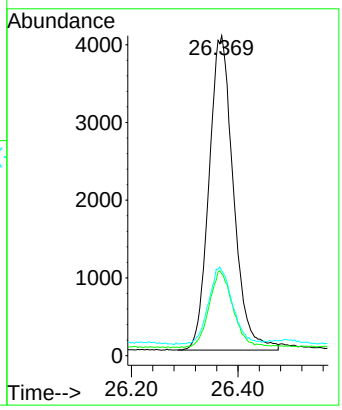




#41
Benzo(g,h,i)perylene
Concen: 0.19 ng
RT: 26.369 min Scan# 3363
Delta R.T. -0.017 min
Lab File: BN011912.D
Acq: 24 Sep 2020 14:08

Tgt Ion:276 Resp: 12878

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.4	29.0
138	26.5	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :