Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091720\
Data File : BN011819.D
Acq On : 17 Sep 2020 12:09
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Sep 17 18:59:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 16:24:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	1828	0.40	ng		0.00
7) Naphthalene-d8	10.504	136	6798	0.40	ng		# 0.01
13) Acenaphthene-d10	14.357	164	3857	0.40	ng		0.00
19) Phenanthrene-d10	17.102	188	8011	0.40	ng		0.00
29) Chrysene-d12	21.312	240	8224	0.40	ng		# 0.00
36) Perylene-d12	23.562	264	8375	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.307	112	562	0.10	ng		0.00
5) Phenol-d6	6.878	99	627	0.09	ng		0.00
8) Nitrobenzene-d5	8.856	82	676	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.091	152	1208	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.854	330	194	0.10	ng		0.00
15) 2-Fluorobiphenyl	12.974	172	1727	0.10	ng		0.00
27) Fluoranthene-d10	19.147	212	2562	0.10	ng		0.00
31) Terphenyl-d14	19.752	244	2001	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	333	0.12	ng	#	81
6) bis(2-Chloroethyl)ether	7.143	93	612	0.10	ng		95
9) Naphthalene	10.542	128	1953	0.10	ng	#	92
10) Hexachlorobutadiene	10.833	225	470	0.11	ng	#	99
12) 2-Methylnaphthalene	12.167	142	1313	0.10	ng		99
16) Acenaphthylene	14.078	152	1856	0.10	ng		98
17) Acenaphthene	14.420	154	1287	0.10	ng		95
18) Fluorene	15.410	166	1602	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.486	198	109	0.08	ng	#	1
21) 4-Bromophenyl-phenylether	16.299	248	475	0.10	ng	#	65
22) Hexachlorobenzene	16.421	284	624	0.11	ng		99
23) Atrazine	16.579	200	425	0.10	ng	#	89
25) Phenanthrene	17.151	178	2561	0.10	ng		99
26) Anthracene	17.236	178	2163	0.10	ng		98
28) Fluoranthene	19.176	202	2989	0.10	ng	#	98
30) Pyrene	19.539	202	3059	0.11	ng		98
32) Benzo(a)anthracene	21.290	228	2847	0.10	ng		94
33) Chrysene	21.344	228	3051	0.11	ng		96
34) Bis(2-ethylhexyl)phtha...	21.237	149	1777	0.12	ng		94
35) Indeno(1,2,3-cd)pyrene	25.822	276	3507	0.10	ng		98
37) Benzo(b)fluoranthene	22.892	252	3119	0.10	ng	#	55
38) Benzo(k)fluoranthene	22.933	252	2997	0.09	ng	#	55
39) Benzo(a)pyrene	23.467	252	2763	0.10	ng	#	42
40) Dibenzo(a,h)anthracene	25.839	278	2895	0.09	ng	#	58
41) Benzo(g,h,i)perylene	26.510	276	3197	0.10	ng	#	83

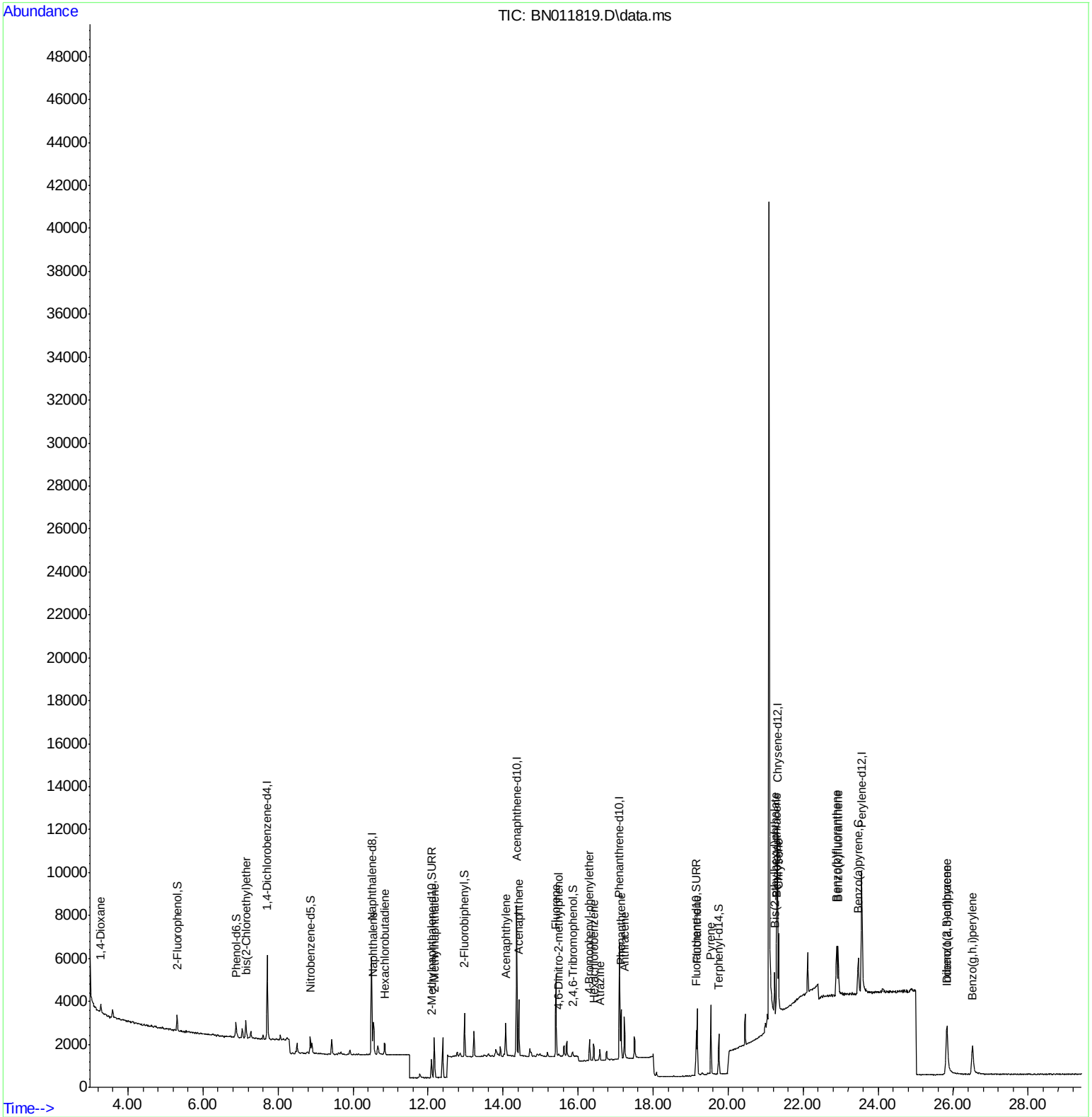
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

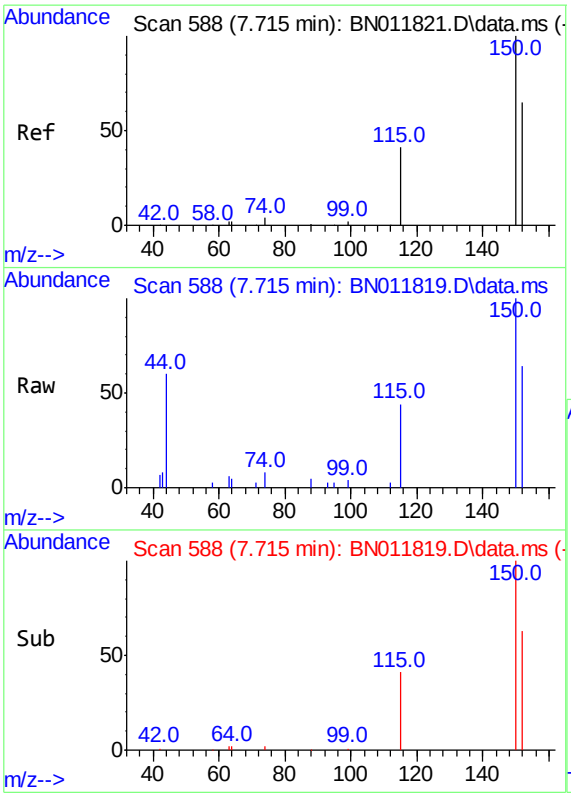
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091720\
Data File : BN011819.D
Acq On : 17 Sep 2020 12:09
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 17 18:59:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 16:24:49 2020
Response via : Initial Calibration



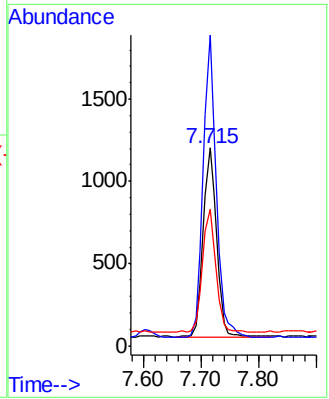
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

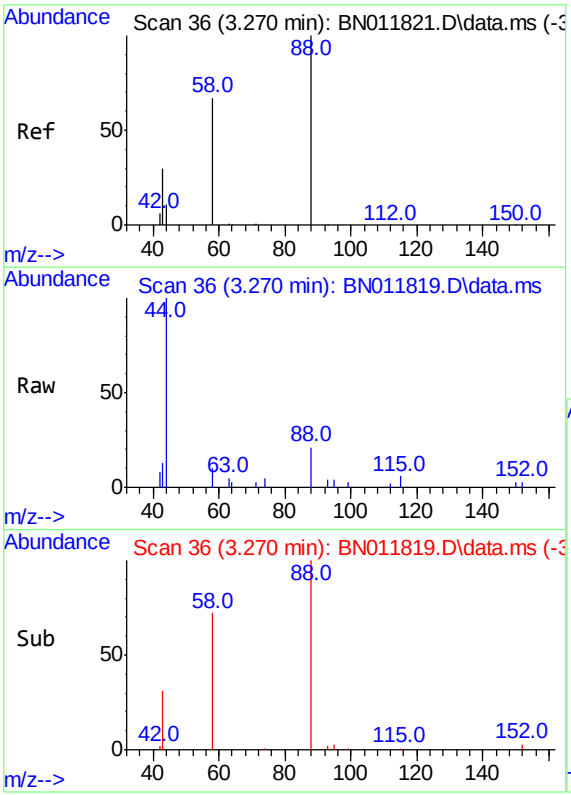


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 588
Delta R.T. 0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:152 Resp: 1828

Ion	Ratio	Lower	Upper
152	100		
150	157.0	118.3	177.5
115	69.3	51.3	76.9

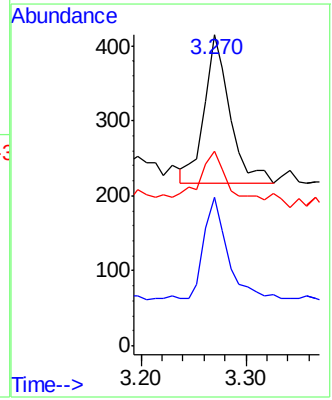


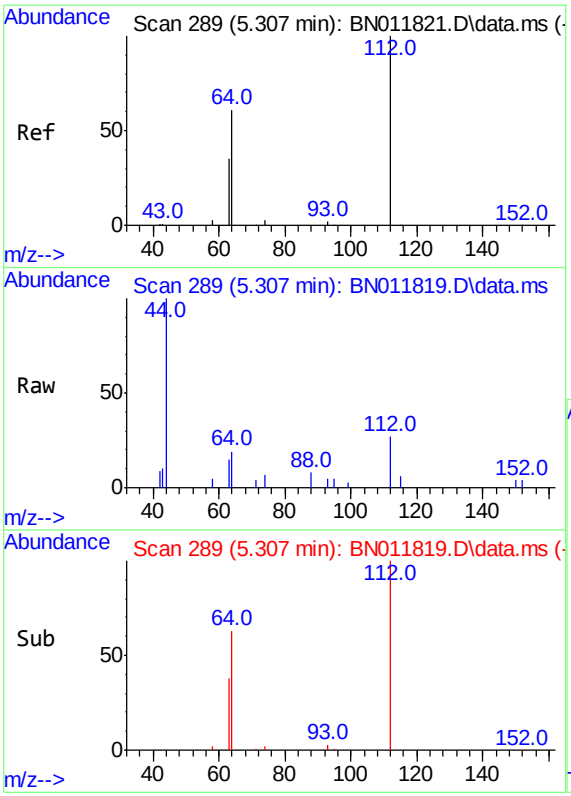


#2
1,4-Dioxane
Concen: 0.12 ng
RT: 3.270 min Scan# 36
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion: 88 Resp: 333

Ion	Ratio	Lower	Upper
88	100		
58	62.8	63.3	94.9#
43	29.1	33.0	49.4#

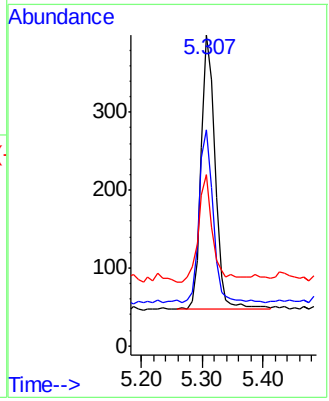




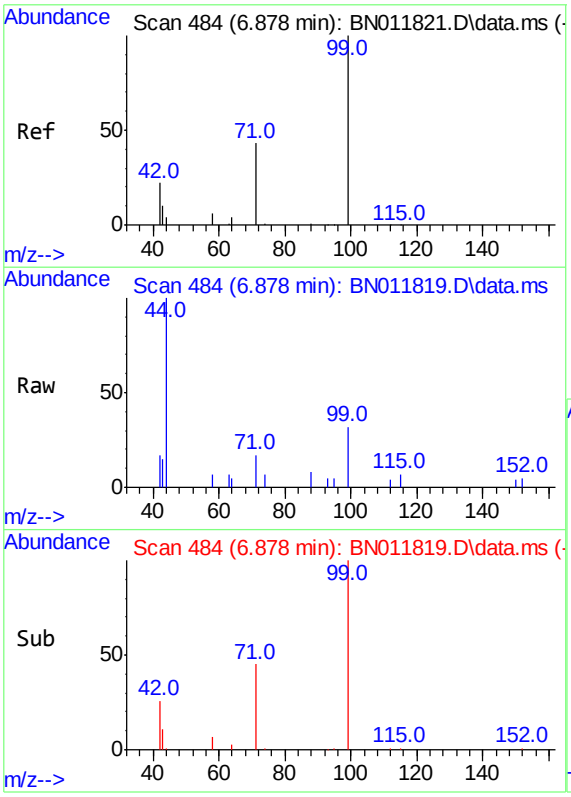
#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.307 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:112 Resp: 562

Ion	Ratio	Lower	Upper
112	100		
64	64.1	49.0	73.6
63	40.4	31.8	47.6



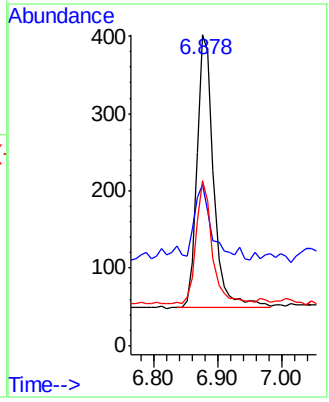
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

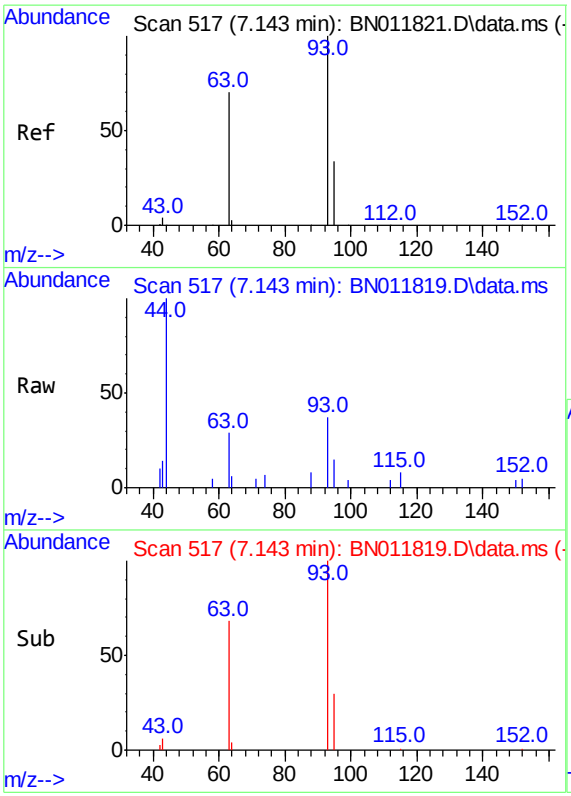


#5
Phenol-d6
Concen: 0.09 ng
RT: 6.878 min Scan# 484
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion: 99 Resp: 627

Ion	Ratio	Lower	Upper
99	100		
42	34.9	23.4	35.0
71	42.4	38.1	57.1



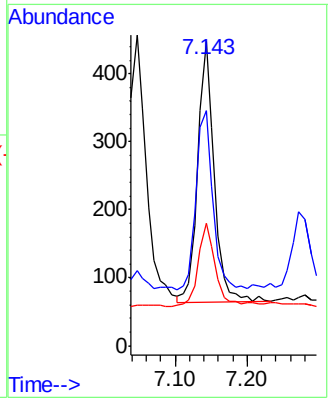


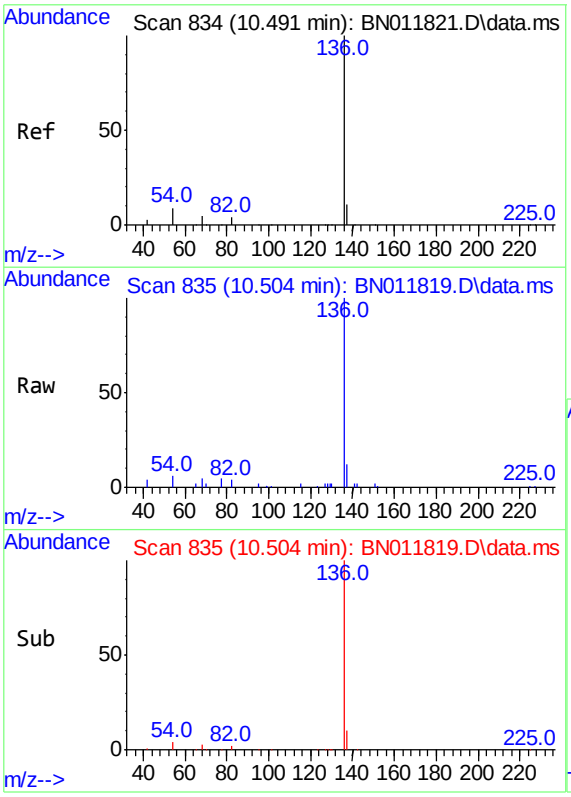
#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.143 min Scan# 517
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 612

Ion	Ratio	Lower	Upper
93	100		
63	70.1	61.1	91.7
95	32.4	25.5	38.3

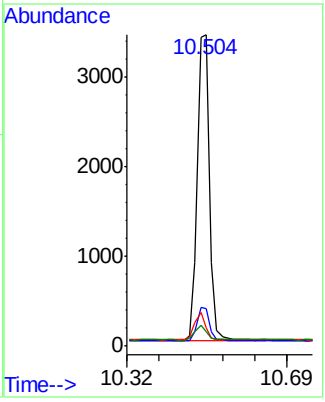




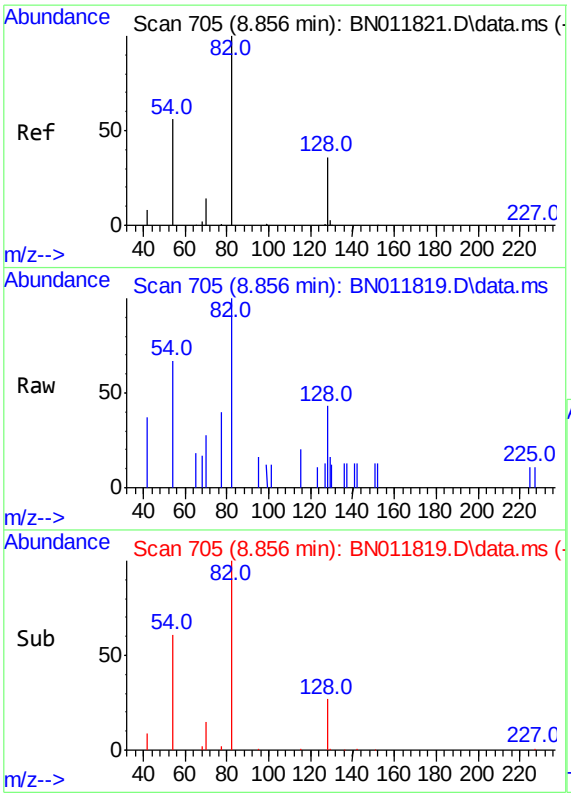
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.504 min Scan# 835
Delta R.T. 0.013 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:136 Resp: 6798

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	5.5	5.6	8.4#
68	4.6	3.2	4.8



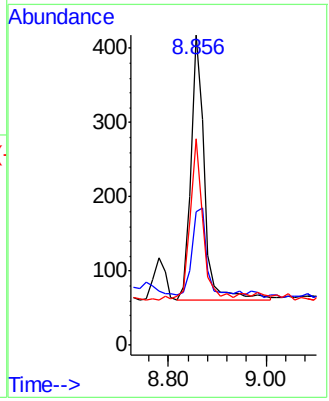
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

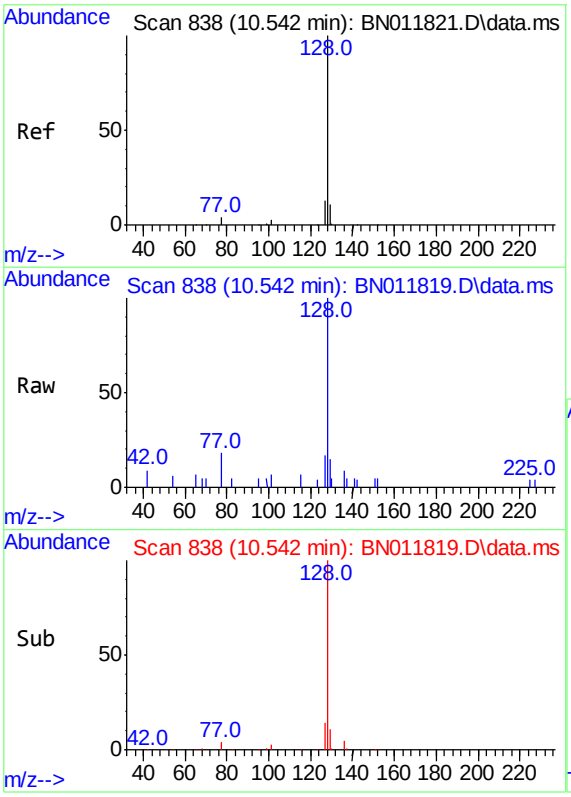


#8
Nitrobenzene-d5
Concen: 0.10 ng
RT: 8.856 min Scan# 705
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion: 82 Resp: 676

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	66.7	43.1	64.7#

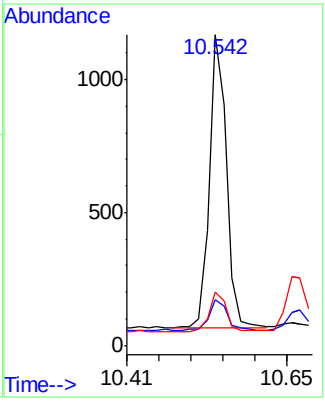




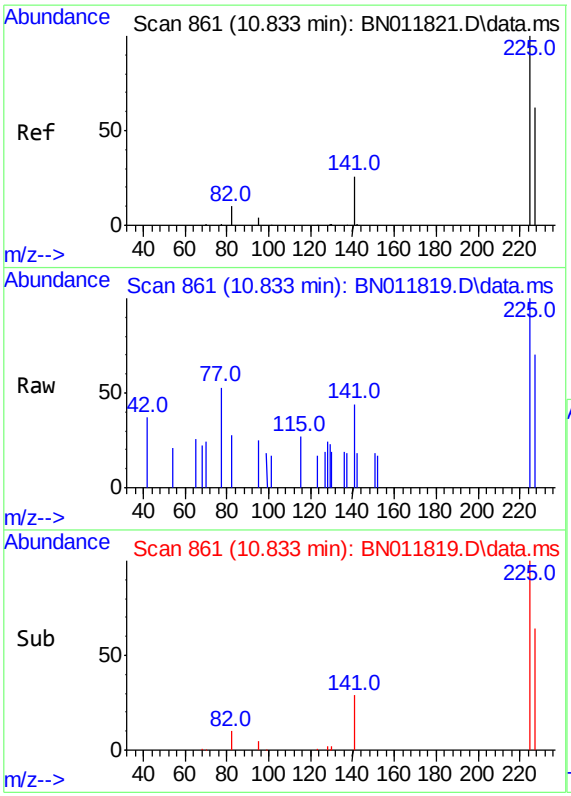
#9
Naphthalene
Concen: 0.10 ng
RT: 10.542 min Scan# 838
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:128 Resp: 1953

Ion	Ratio	Lower	Upper
128	100		
129	14.9	9.7	14.5#
127	17.2	11.0	16.4#



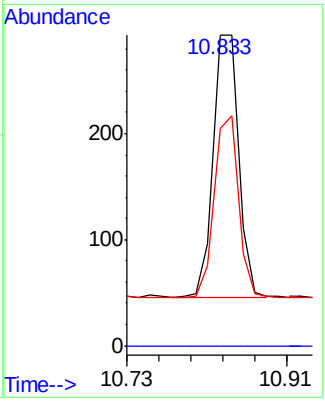
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

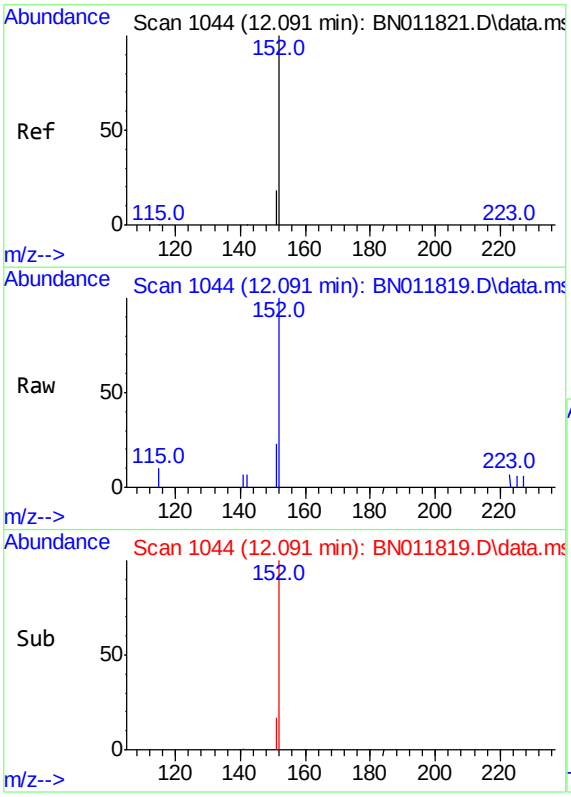


#10
Hexachlorobutadiene
Concen: 0.11 ng
RT: 10.833 min Scan# 861
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:225 Resp: 470

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.3	51.9	77.9

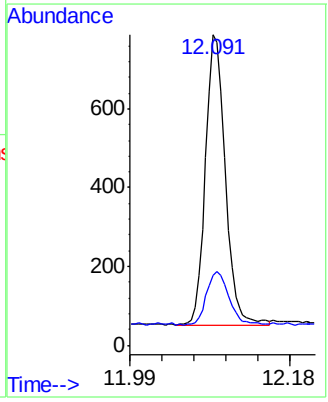




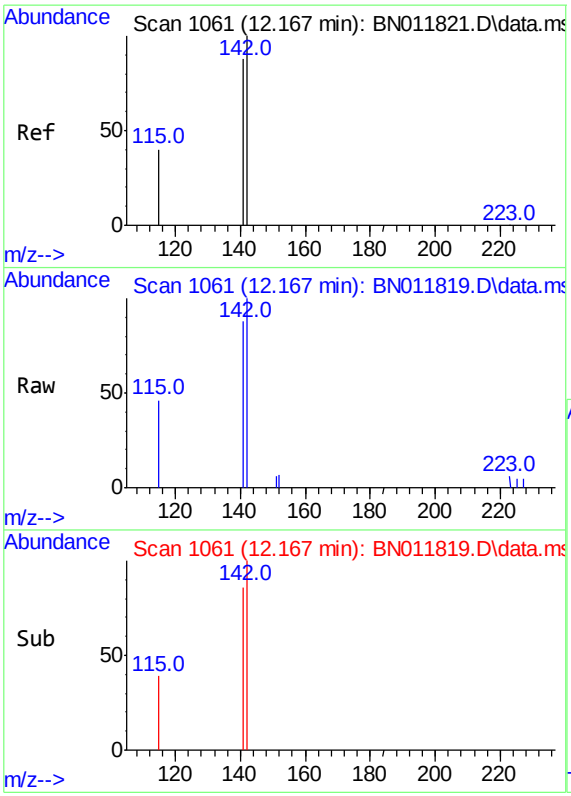
#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 12.091 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:152 Resp: 1208

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1



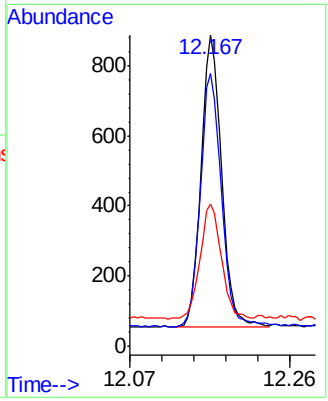
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

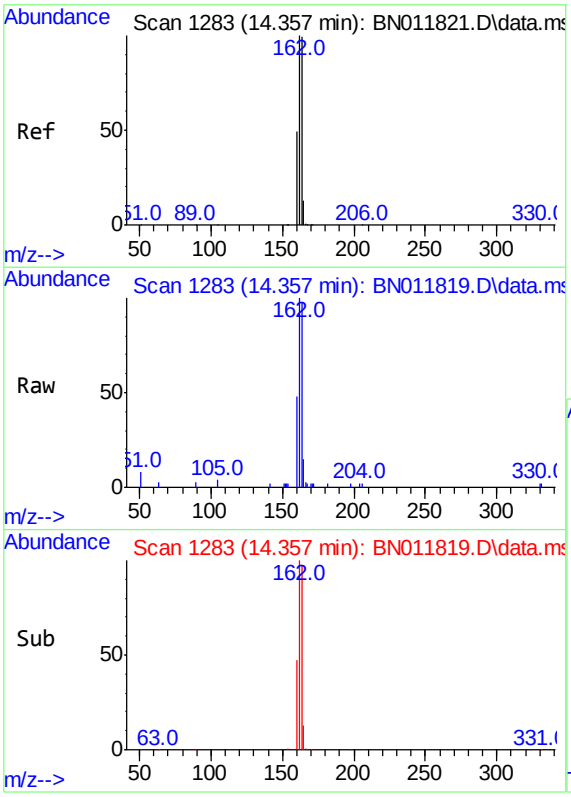


#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.167 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:142 Resp: 1313

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.0	105.0
115	45.7	35.8	53.6

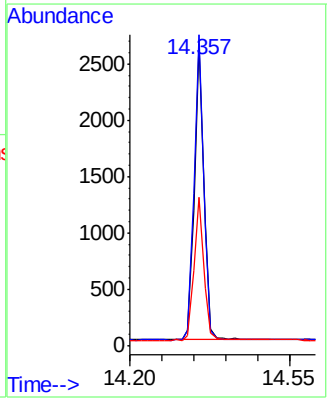




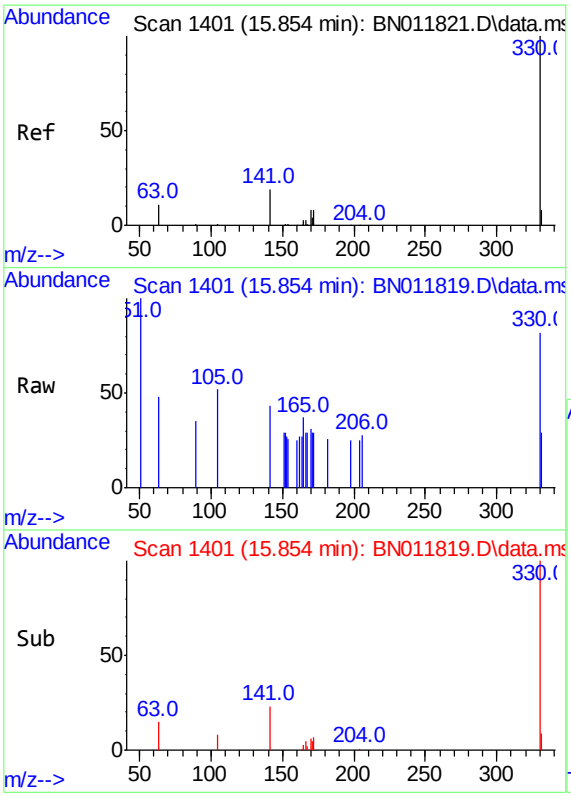
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.357 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:164 Resp: 3857

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.6	125.4
160	49.0	41.2	61.8



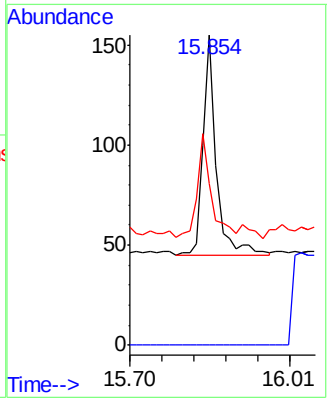
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

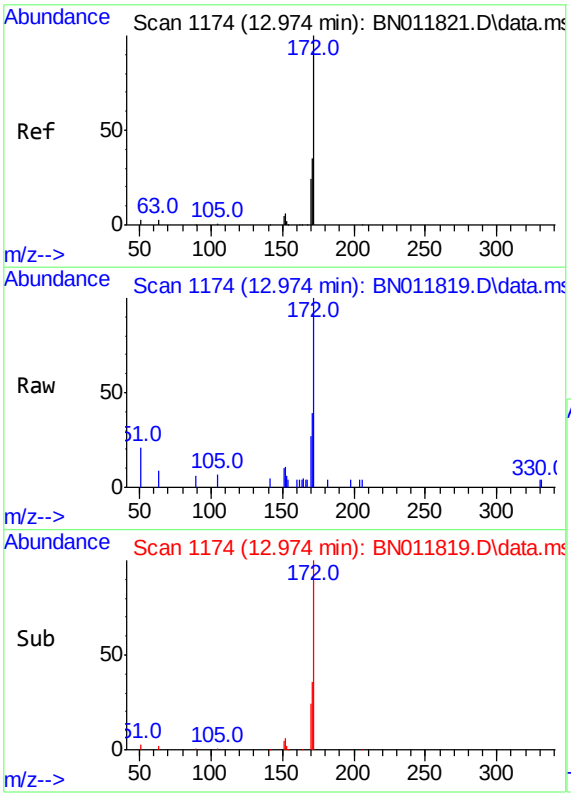


#14
2,4,6-Tribromophenol
Concen: 0.10 ng
RT: 15.854 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:330 Resp: 194

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.0	33.7	50.5

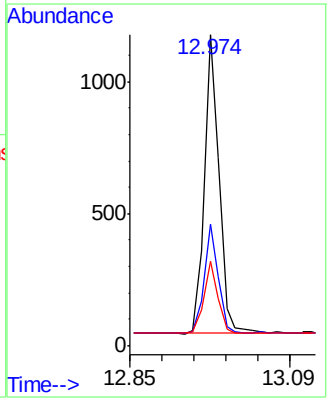




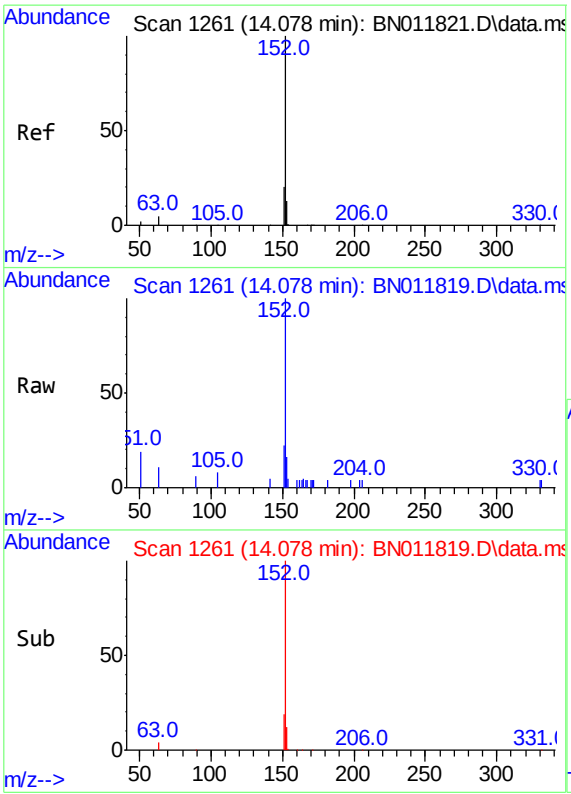
#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.974 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:172 Resp: 1727

Ion	Ratio	Lower	Upper
172	100		
171	38.9	27.4	41.2
170	27.2	17.8	26.6#



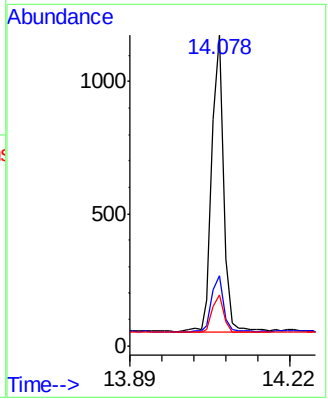
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

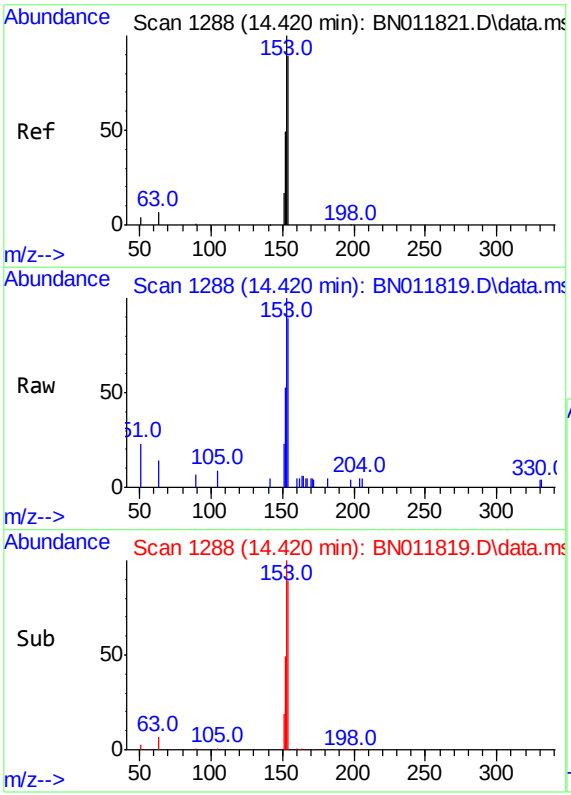


#16
Acenaphthylene
Concen: 0.10 ng
RT: 14.078 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:152 Resp: 1856

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.9	23.9
153	12.1	10.5	15.7

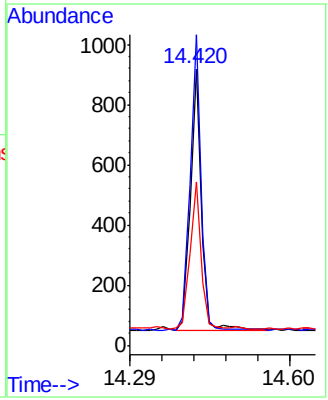




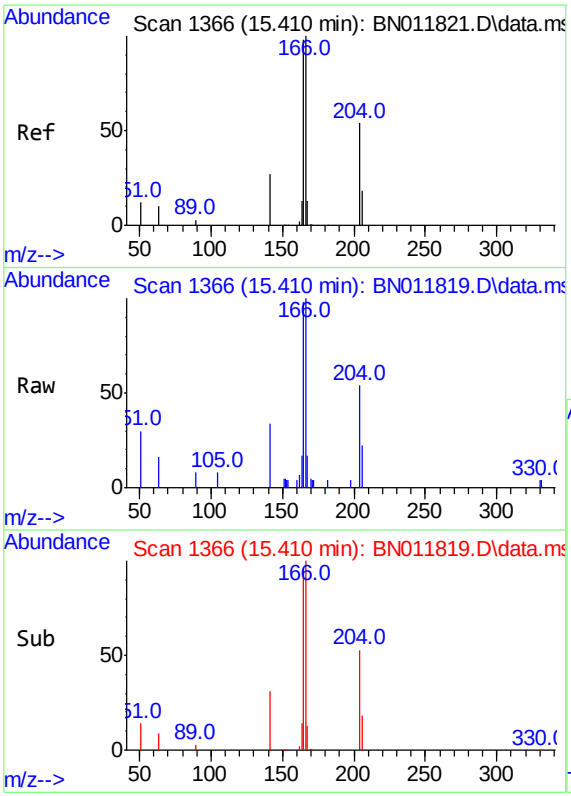
#17
Acenaphthene
Concen: 0.10 ng
RT: 14.420 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:154 Resp: 1287

Ion	Ratio	Lower	Upper
154	100		
153	109.8	83.4	125.2
152	56.3	42.8	64.2



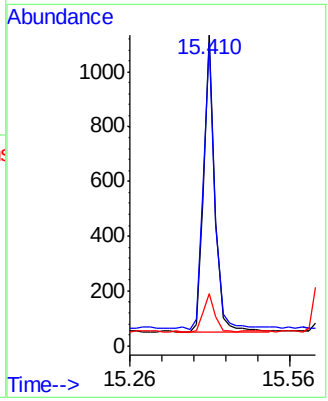
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

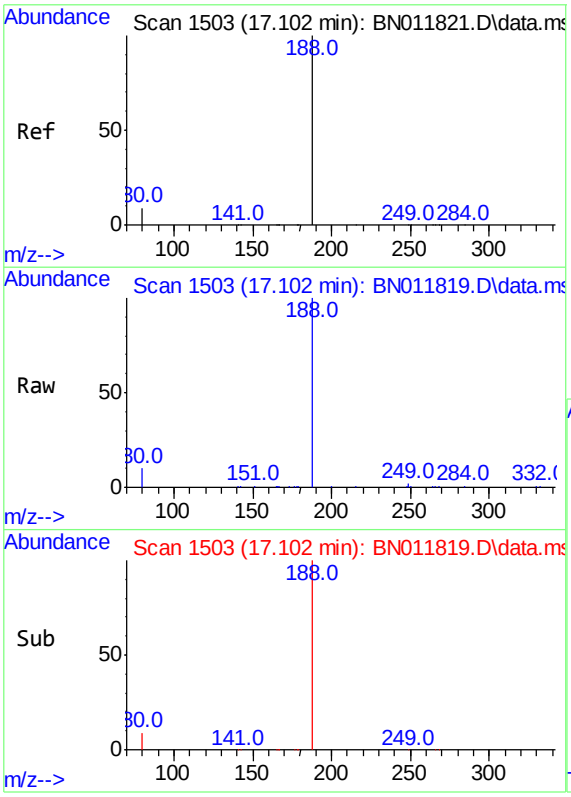


#18
Fluorene
Concen: 0.10 ng
RT: 15.410 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:166 Resp: 1602

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.8	118.2
167	13.4	11.2	16.8

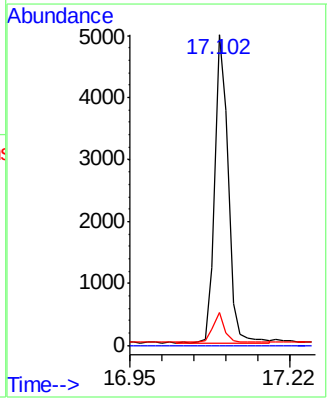




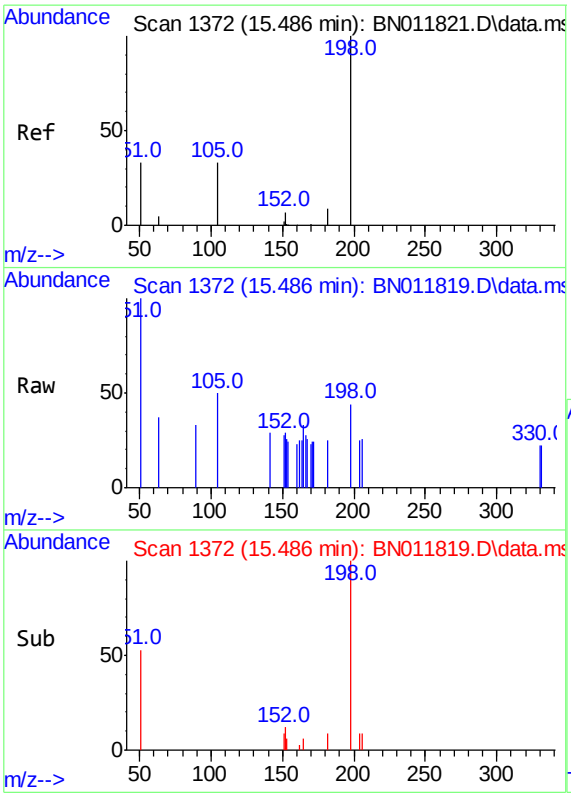
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.102 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:188 Resp: 8011

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	7.7	11.5



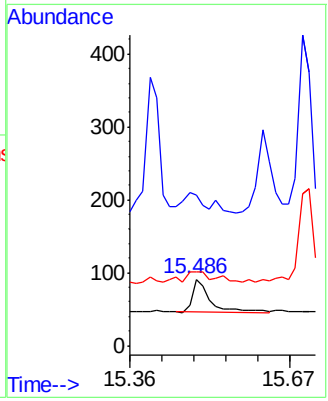
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

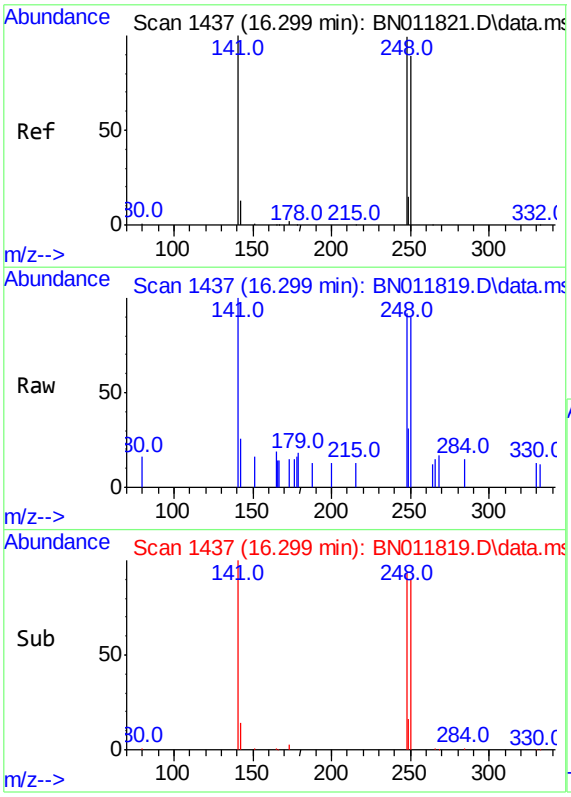


#20
4,6-Dinitro-2-methylphenol
Concen: 0.08 ng
RT: 15.486 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:198 Resp: 109

Ion	Ratio	Lower	Upper
198	100		
51	226.4	45.0	67.4#
105	112.1	30.4	45.6#

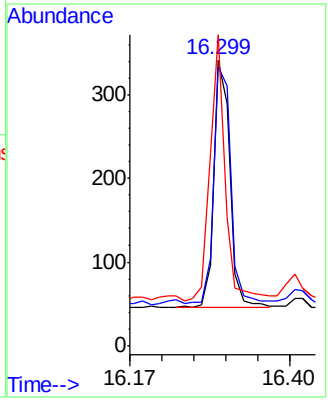




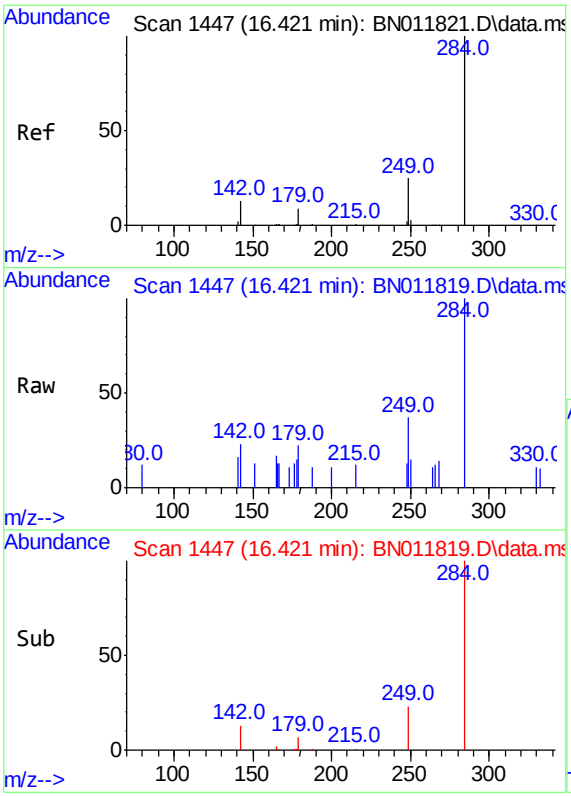
#21
4-Bromophenyl-phenylether
Concen: 0.10 ng
RT: 16.299 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:248 Resp: 475

Ion	Ratio	Lower	Upper
248	100		
250	97.4	82.7	124.1
141	108.8	33.7	50.5#



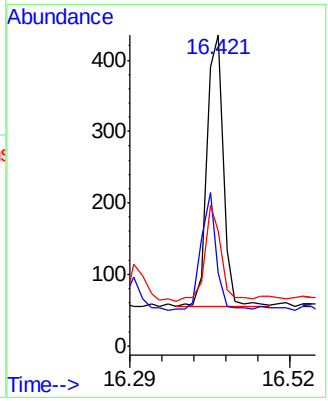
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

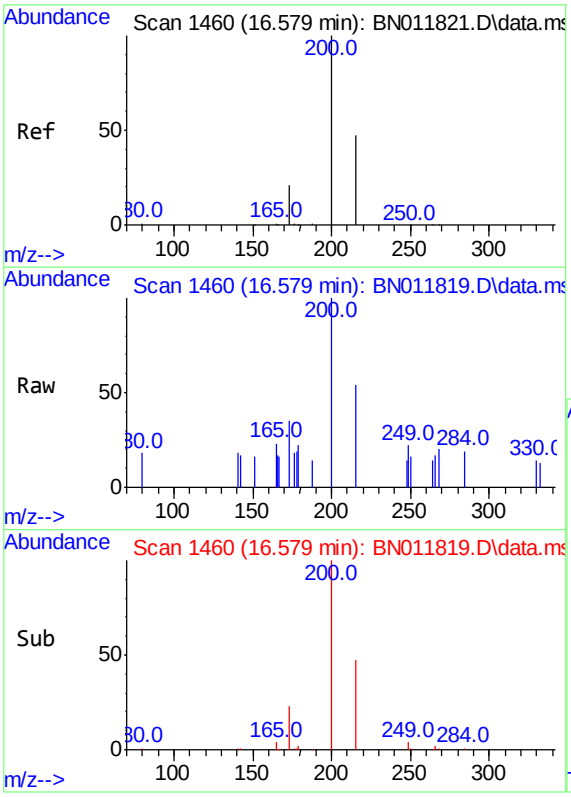


#22
Hexachlorobenzene
Concen: 0.11 ng
RT: 16.421 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:284 Resp: 624

Ion	Ratio	Lower	Upper
284	100		
142	40.5	32.4	48.6
249	34.5	26.8	40.2

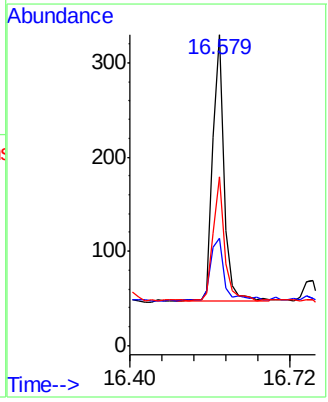




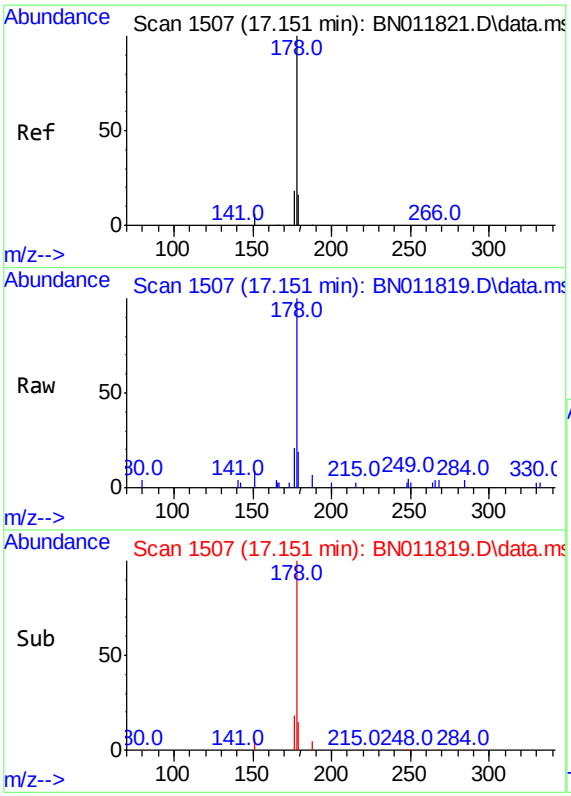
#23
Atrazine
Concen: 0.10 ng
RT: 16.579 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:200 Resp: 425

Ion	Ratio	Lower	Upper
200	100		
173	34.5	18.7	28.1#
215	54.2	40.2	60.4



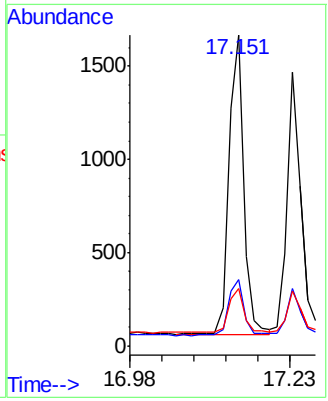
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

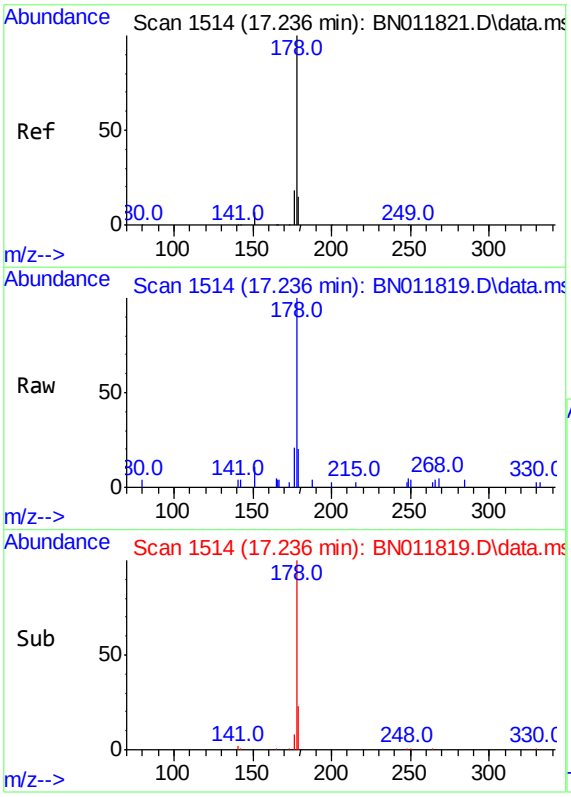


#25
Phenanthrene
Concen: 0.10 ng
RT: 17.151 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:178 Resp: 2561

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.7	12.3	18.5

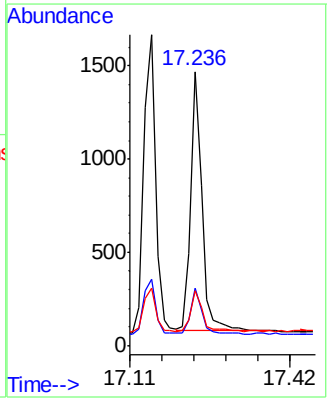




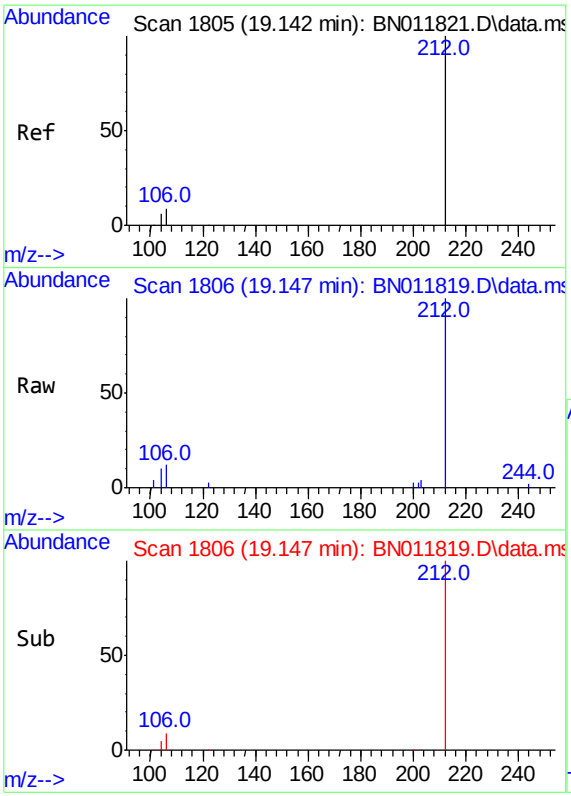
#26
Anthracene
Concen: 0.10 ng
RT: 17.236 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:178 Resp: 2163

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.6	21.8
179	16.5	12.4	18.6



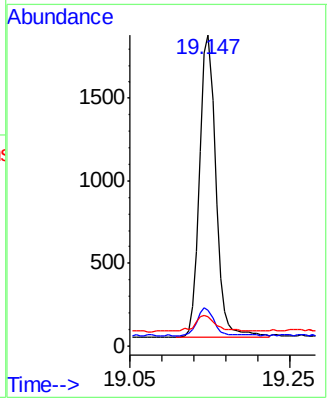
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

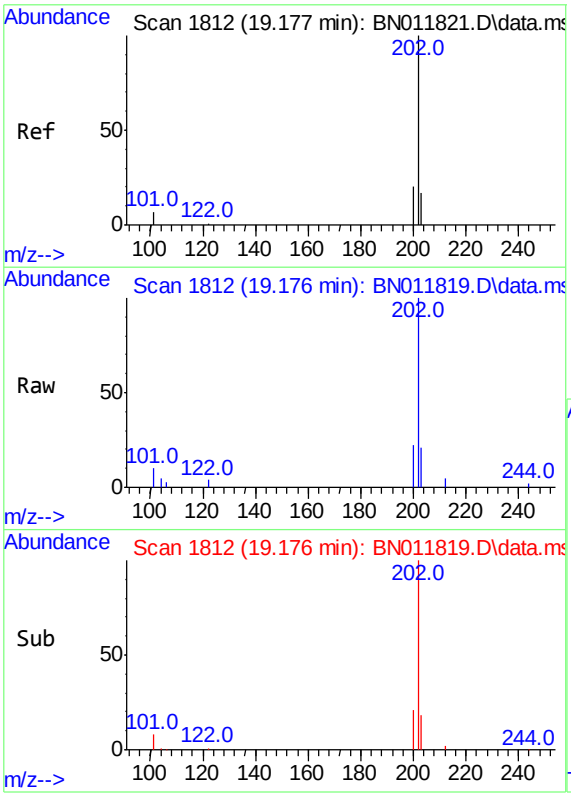


#27
Fluoranthene-d10
Concen: 0.10 ng
RT: 19.147 min Scan# 1806
Delta R.T. 0.005 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:212 Resp: 2562

Ion	Ratio	Lower	Upper
212	100		
106	9.6	6.4	9.6
104	7.1	3.9	5.9#

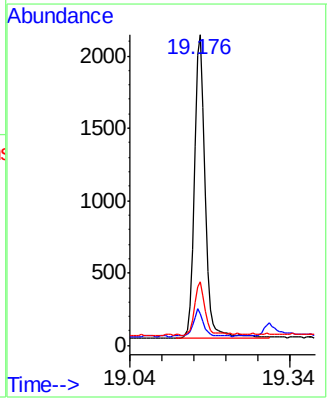




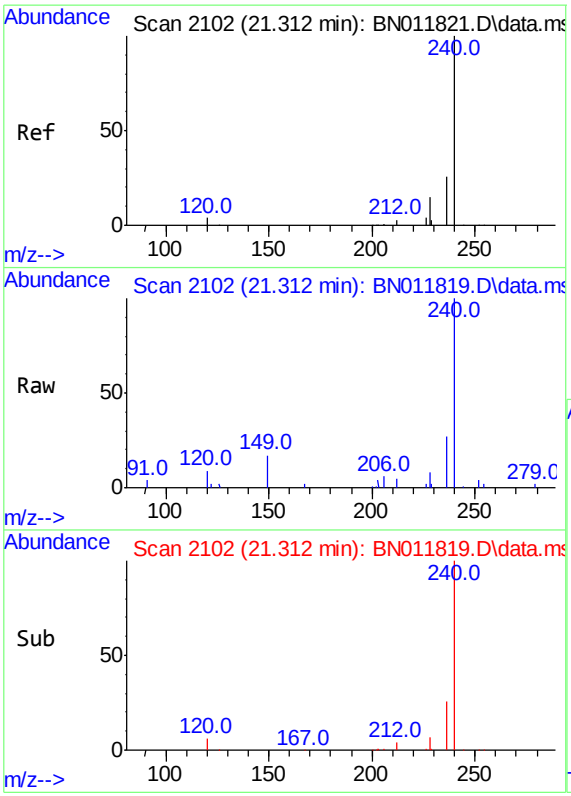
#28
Fluoranthene
Concen: 0.10 ng
RT: 19.176 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:202 Resp: 2989

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.4	8.2#
203	17.7	13.8	20.6



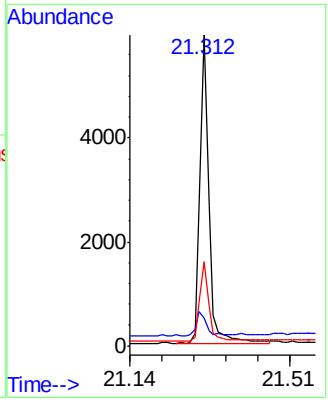
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

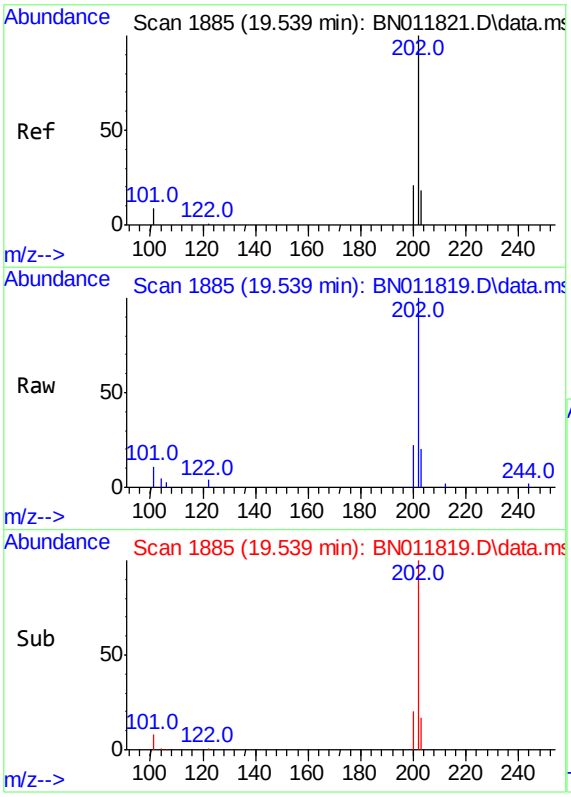


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.312 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:240 Resp: 8224

Ion	Ratio	Lower	Upper
240	100		
120	9.1	3.5	5.3#
236	27.1	20.5	30.7

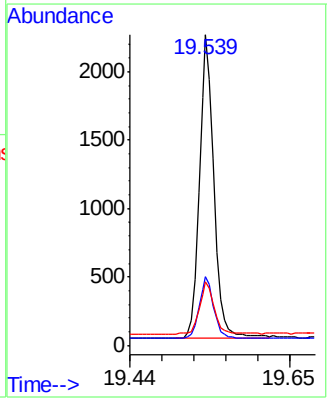




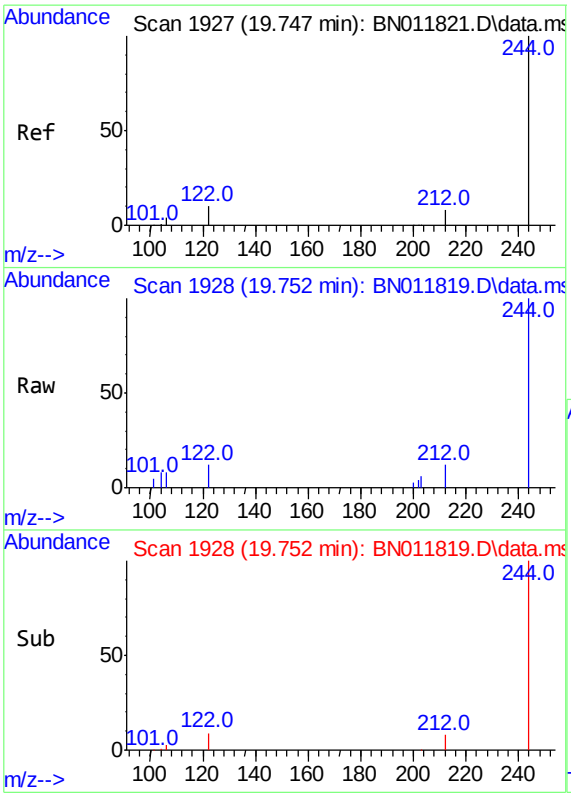
#30
Pyrene
Concen: 0.11 ng
RT: 19.539 min Scan# 1885
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:202 Resp: 3059

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.5	24.7
203	18.6	13.9	20.9



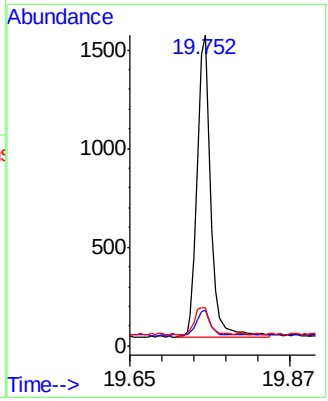
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

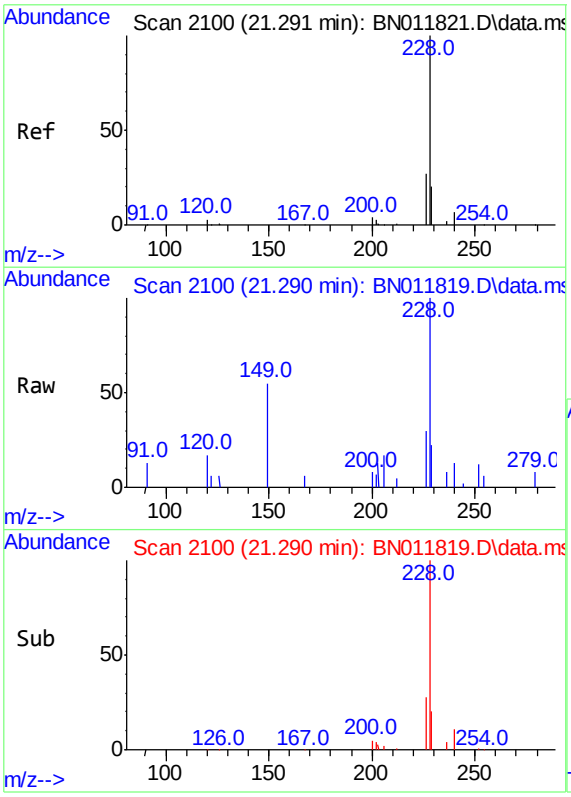


#31
Terphenyl-d14
Concen: 0.11 ng
RT: 19.752 min Scan# 1928
Delta R.T. 0.005 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:244 Resp: 2001

Ion	Ratio	Lower	Upper
244	100		
212	11.6	7.3	10.9#
122	12.4	7.8	11.6#

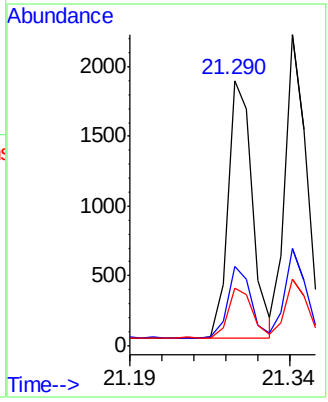




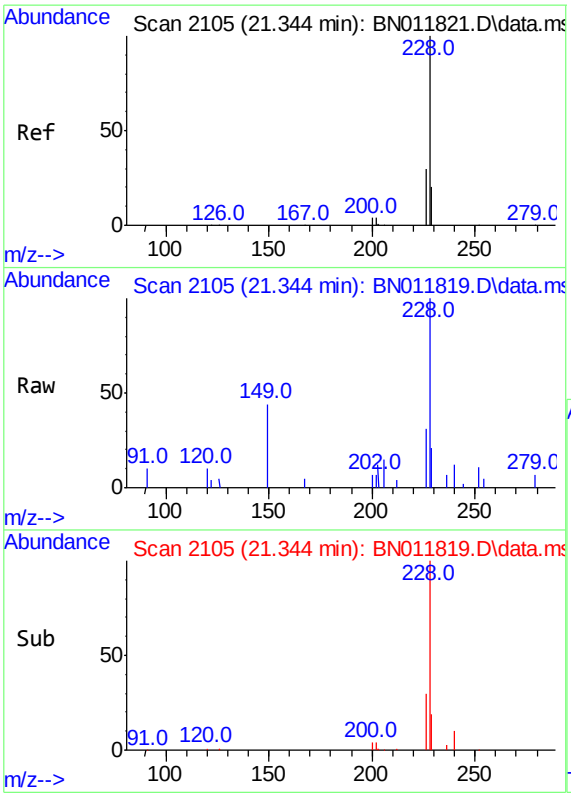
#32
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.290 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:228 Resp: 2847

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.0	31.4
229	21.8	16.0	24.0



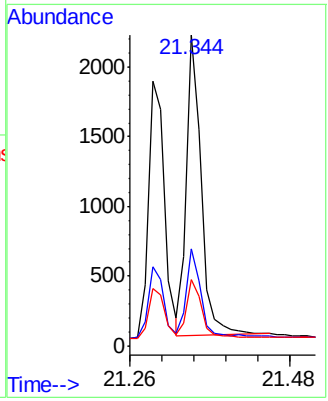
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

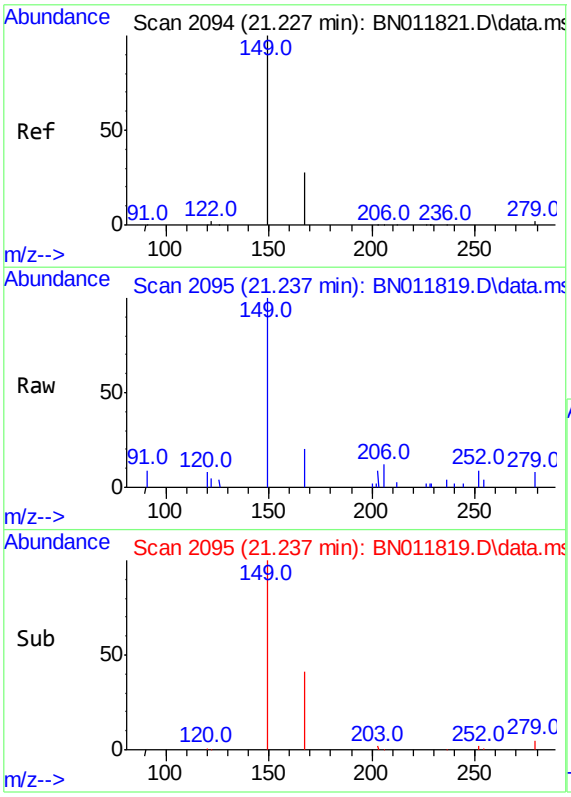


#33
Chrysene
Concen: 0.11 ng
RT: 21.344 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:228 Resp: 3051

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.3	34.9
229	21.4	15.8	23.8

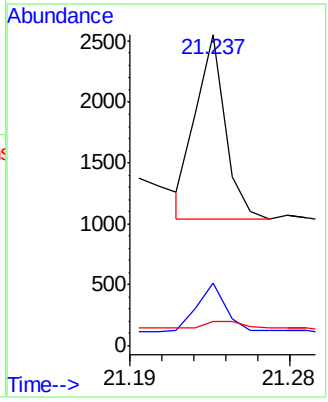




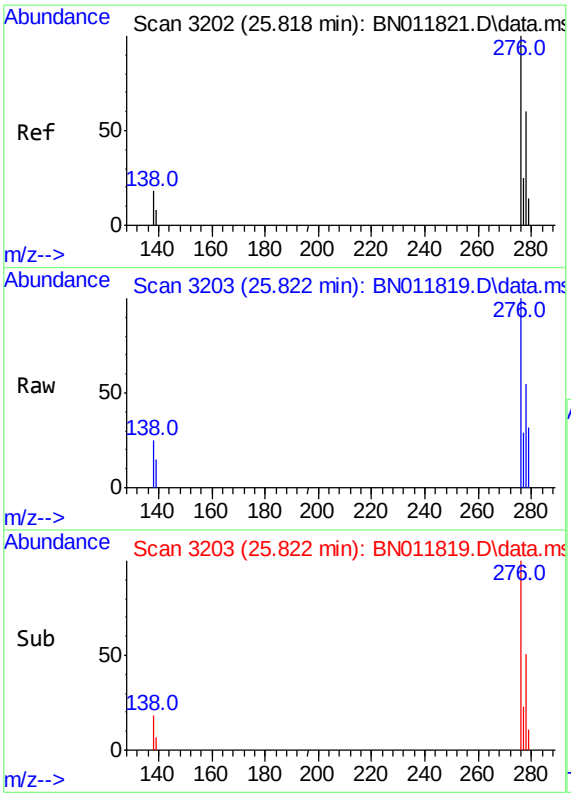
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.237 min Scan# 2095
Delta R.T. 0.010 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:149 Resp: 1777

Ion	Ratio	Lower	Upper
149	100		
167	25.8	23.6	35.4
279	5.1	4.0	6.0



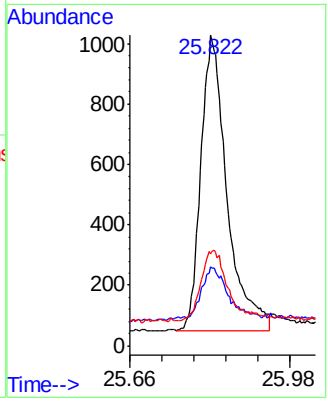
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

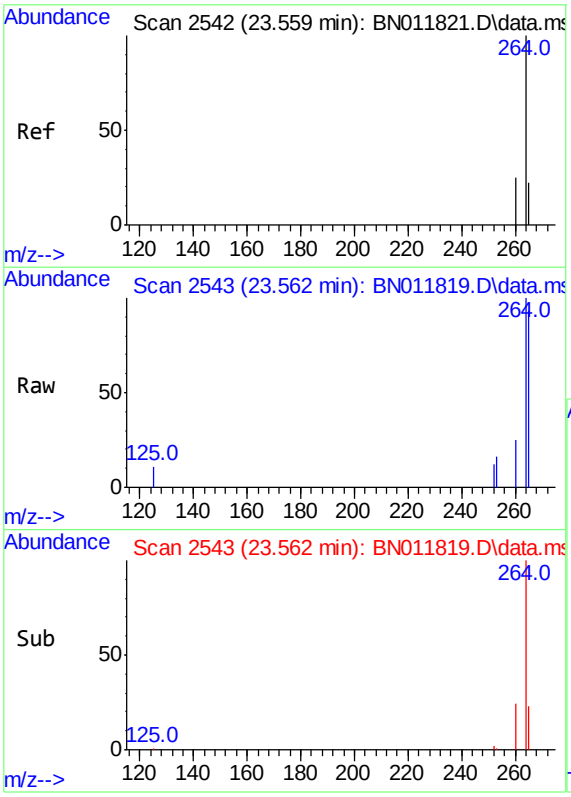


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 25.822 min Scan# 3203
Delta R.T. 0.003 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:276 Resp: 3507

Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.0	19.4
277	23.3	20.0	30.0

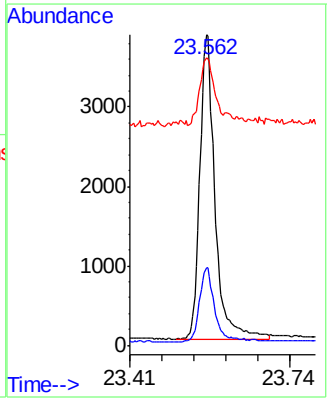




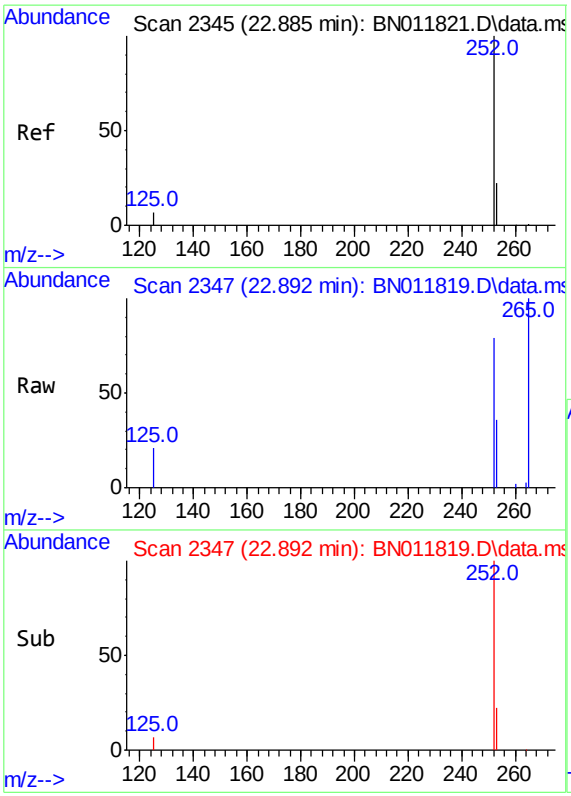
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.562 min Scan# 2543
Delta R.T. 0.003 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:264 Resp: 8375

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	92.7	38.6	58.0#



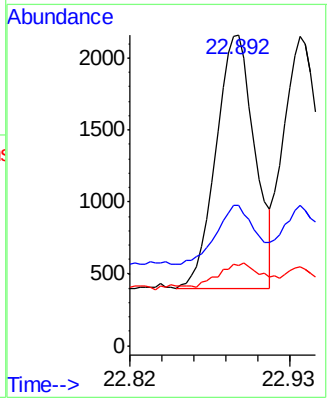
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

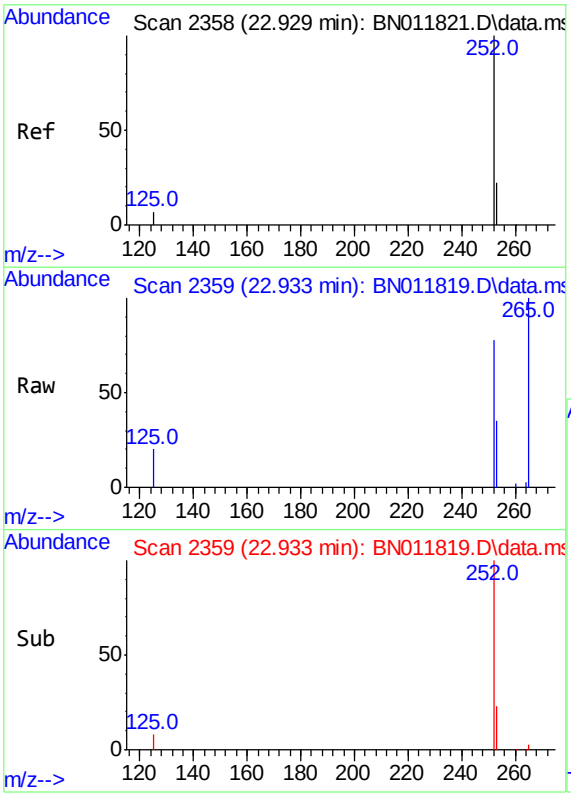


#37
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.892 min Scan# 2347
Delta R.T. 0.007 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:252 Resp: 3119

Ion	Ratio	Lower	Upper
252	100		
253	45.1	19.1	28.7#
125	25.9	6.2	9.2#

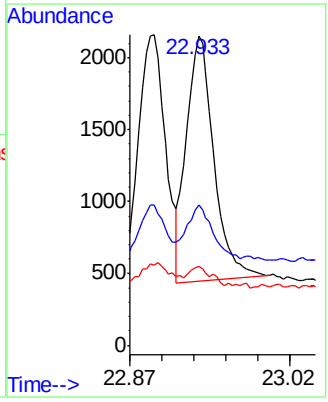


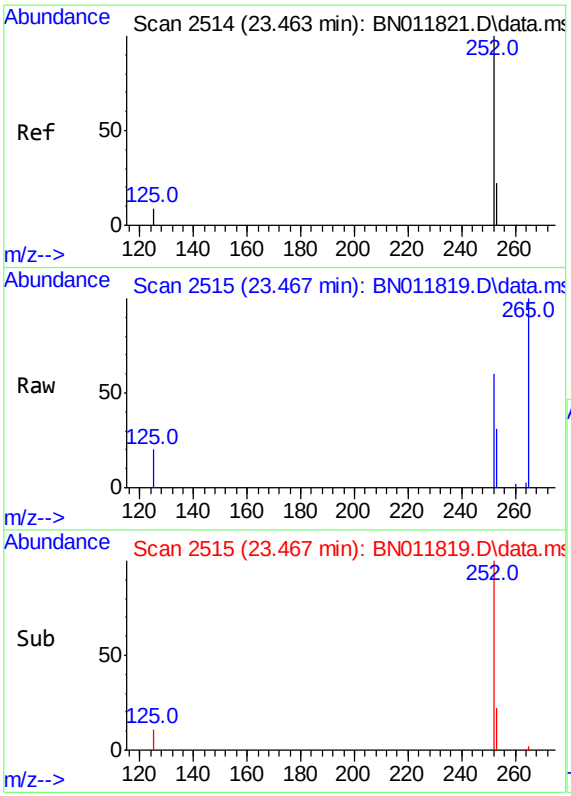


#38
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 22.933 min Scan# 2359
Delta R.T. 0.003 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:252 Resp: 2997

Ion	Ratio	Lower	Upper
252	100		
253	45.2	19.3	28.9#
125	25.4	6.0	9.0#

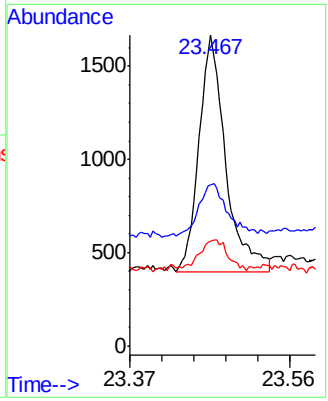




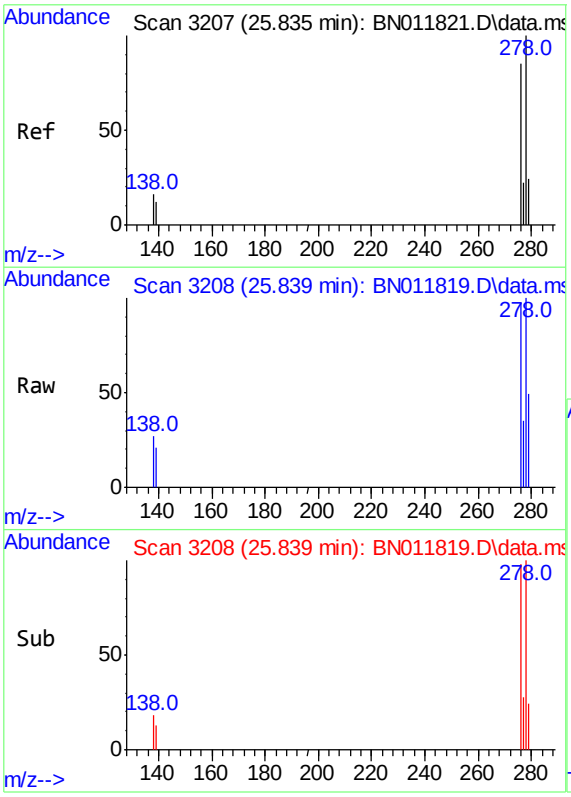
#39
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.467 min Scan# 2515
Delta R.T. 0.003 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:252 Resp: 2763

Ion	Ratio	Lower	Upper
252	100		
253	51.6	19.8	29.6#
125	33.7	7.3	10.9#



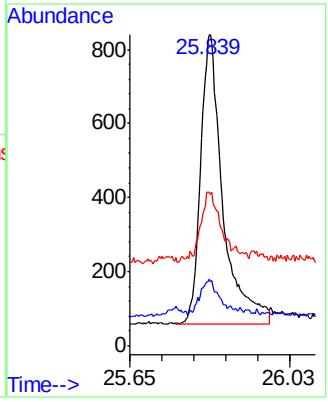
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

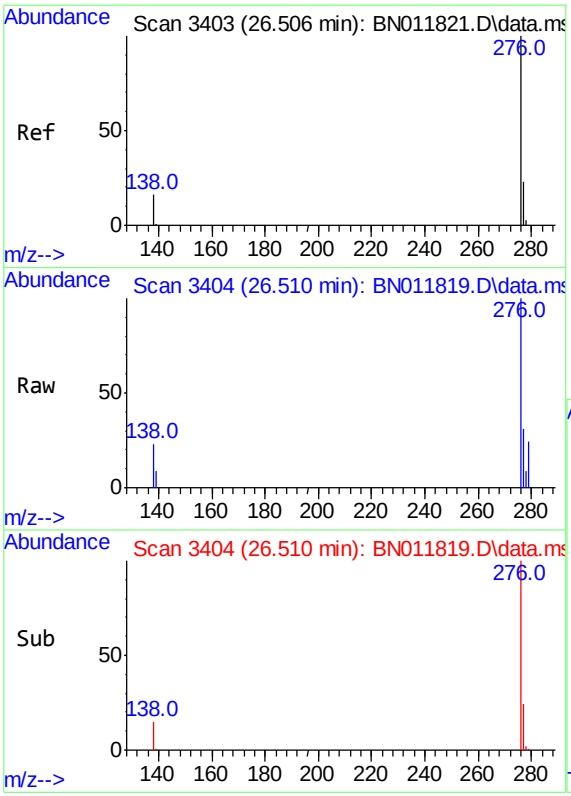


#40
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 25.839 min Scan# 3208
Delta R.T. 0.003 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:278 Resp: 2895

Ion	Ratio	Lower	Upper
278	100		
139	21.2	8.6	13.0#
279	49.3	19.8	29.8#

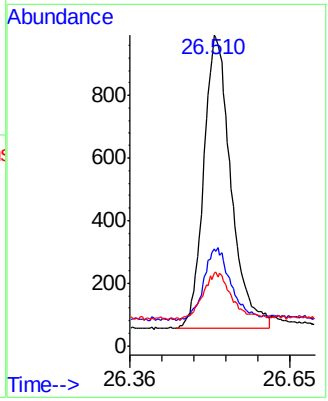




#41
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 26.510 min Scan# 3404
Delta R.T. 0.003 min
Lab File: BN011819.D
Acq: 17 Sep 2020 12:09

Tgt Ion:276 Resp: 3197

Ion	Ratio	Lower	Upper
276	100		
277	31.0	19.4	29.0#
138	23.5	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1