Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
Data File : BN013738.D
Acq On : 24 Feb 2021 17:18
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Feb 24 21:23:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 21:22:40 2021
Response via : Initial Calibration

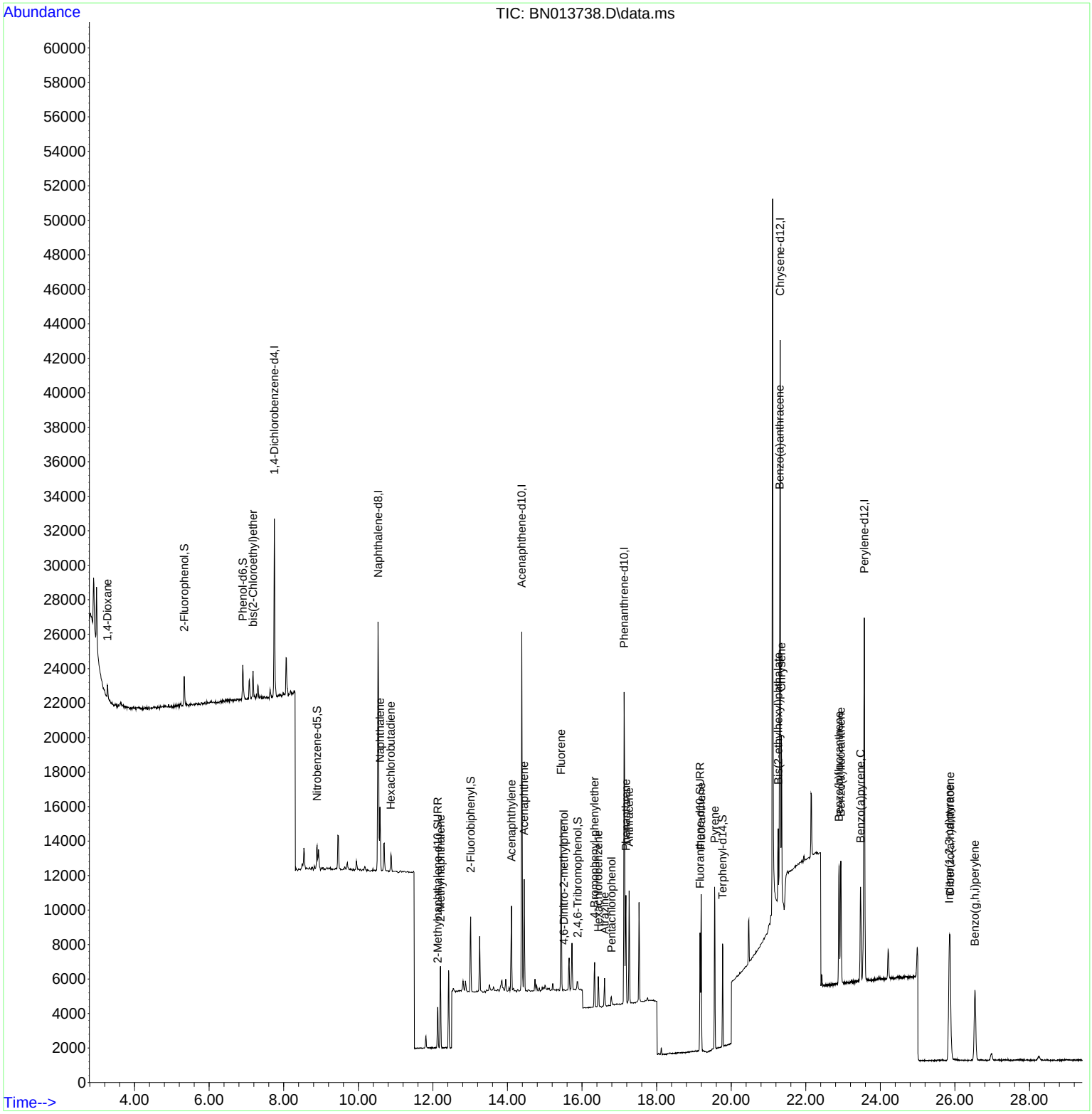
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.749	152	4851	0.40	ng		0.00
7) Naphthalene-d8	10.530	136	18683	0.40	ng	#	0.00
13) Acenaphthene-d10	14.384	164	11299	0.40	ng		0.00
19) Phenanthrene-d10	17.128	188	25144	0.40	ng	#	0.00
29) Chrysene-d12	21.314	240	26660	0.40	ng		0.00
36) Perylene-d12	23.568	264	27050	0.40	ng	#	0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.332	112	1367	0.13	ng		0.00
5) Phenol-d6	6.903	99	1846	0.14	ng		0.00
8) Nitrobenzene-d5	8.895	82	1174	0.11	ng		0.01
11) 2-Methylnaphthalene-d10	12.128	152	3110	0.11	ng		0.00
14) 2,4,6-Tribromophenol	15.881	330	445	0.14	ng		0.01
15) 2-Fluorobiphenyl	13.014	172	3949	0.09	ng		0.00
27) Fluoranthene-d10	19.163	212	7553	0.11	ng		0.00
31) Terphenyl-d14	19.769	244	5876	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	685	0.13	ng	#	70
6) bis(2-Chloroethyl)ether	7.177	93	1308	0.11	ng		98
9) Naphthalene	10.581	128	4675	0.10	ng	#	78
10) Hexachlorobutadiene	10.872	225	887	0.12	ng	#	98
12) 2-Methylnaphthalene	12.204	142	3298	0.11	ng	#	87
16) Acenaphthylene	14.105	152	5103	0.12	ng		99
17) Acenaphthene	14.448	154	3133	0.10	ng		99
18) Fluorene	15.437	166	4098	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.513	198	138	0.06	ng	#	1
21) 4-Bromophenyl-phenylether	16.337	248	1351	0.11	ng		92
22) Hexachlorobenzene	16.435	284	1435	0.10	ng		97
23) Atrazine	16.605	200	1278	0.16	ng	#	85
24) Pentachlorophenol	16.788	266	368	0.13	ng		92
25) Phenanthrene	17.177	178	6525	0.10	ng		96
26) Anthracene	17.262	178	6413	0.11	ng		99
28) Fluoranthene	19.193	202	7899	0.11	ng		99
30) Pyrene	19.556	202	8278	0.10	ng		99
32) Benzo(a)anthracene	21.303	228	8123	0.11	ng		97
33) Chrysene	21.345	228	8010	0.10	ng		97
34) Bis(2-ethylhexyl)phtha...	21.261	149	3979	0.19	ng		94
35) Indeno(1,2,3-cd)pyrene	25.847	276	9569	0.11	ng		97
37) Benzo(b)fluoranthene	22.890	252	8526	0.09	ng	#	79
38) Benzo(k)fluoranthene	22.938	252	8432	0.09	ng	#	74
39) Benzo(a)pyrene	23.469	252	7772	0.10	ng	#	78
40) Dibenzo(a,h)anthracene	25.868	278	8243	0.10	ng	#	82
41) Benzo(g,h,i)perylene	26.535	276	8277	0.09	ng	#	89

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

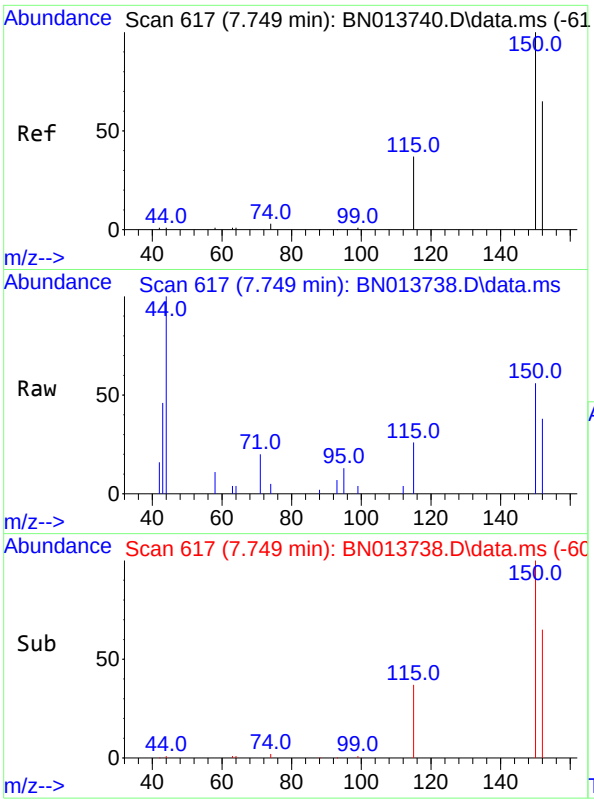
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
Data File : BN013738.D
Acq On : 24 Feb 2021 17:18
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Feb 24 21:23:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 21:22:40 2021
Response via : Initial Calibration



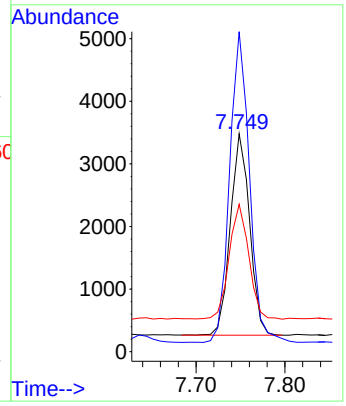
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

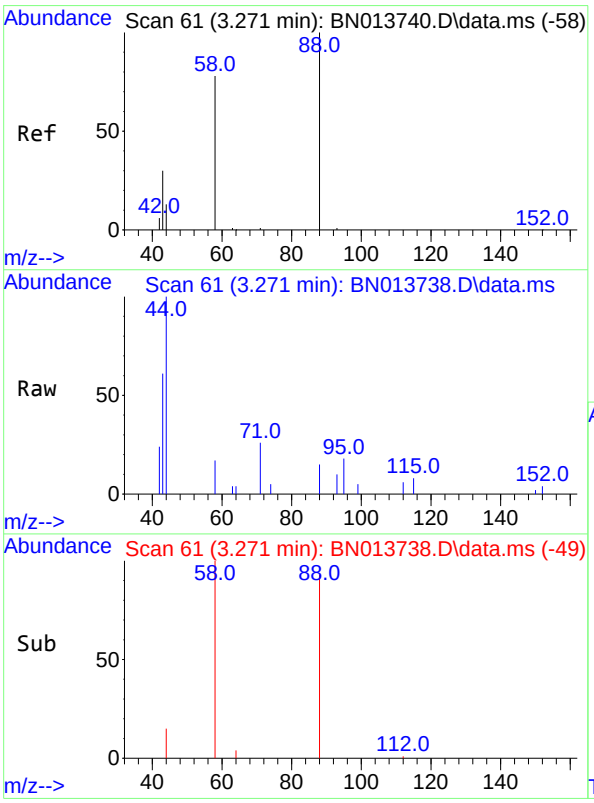


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.749 min Scan# 617
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:152 Resp: 4851

Ion	Ratio	Lower	Upper
152	100		
150	146.8	121.8	182.8
115	67.6	46.6	69.8

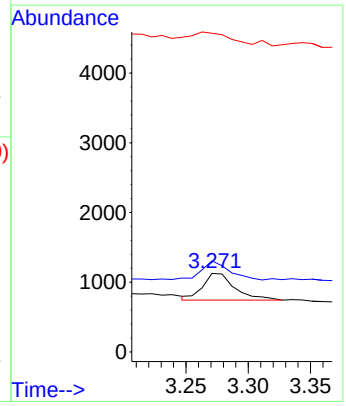


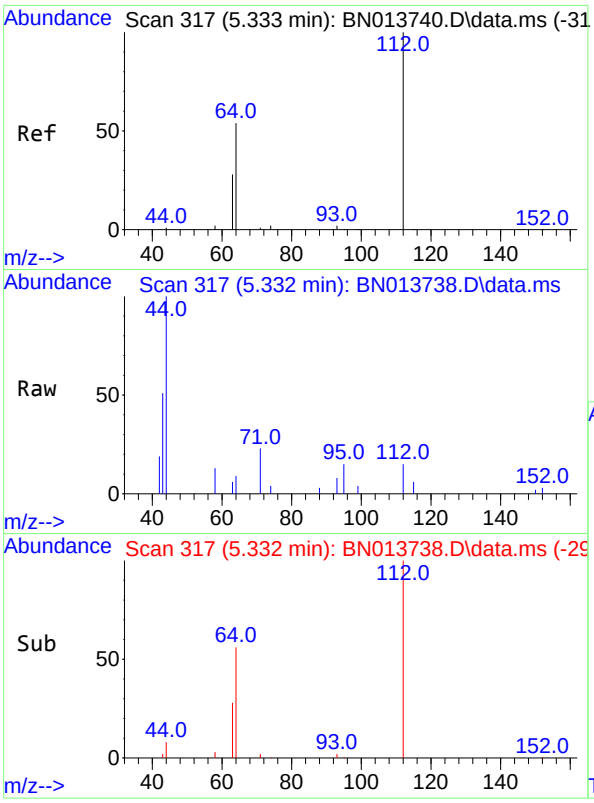


#2
1,4-Dioxane
Concen: 0.13 ng
RT: 3.271 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion: 88 Resp: 685

Ion	Ratio	Lower	Upper
88	100		
58	62.6	64.6	96.8#
43	63.8	26.6	40.0#

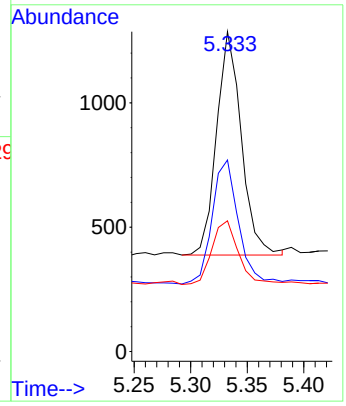




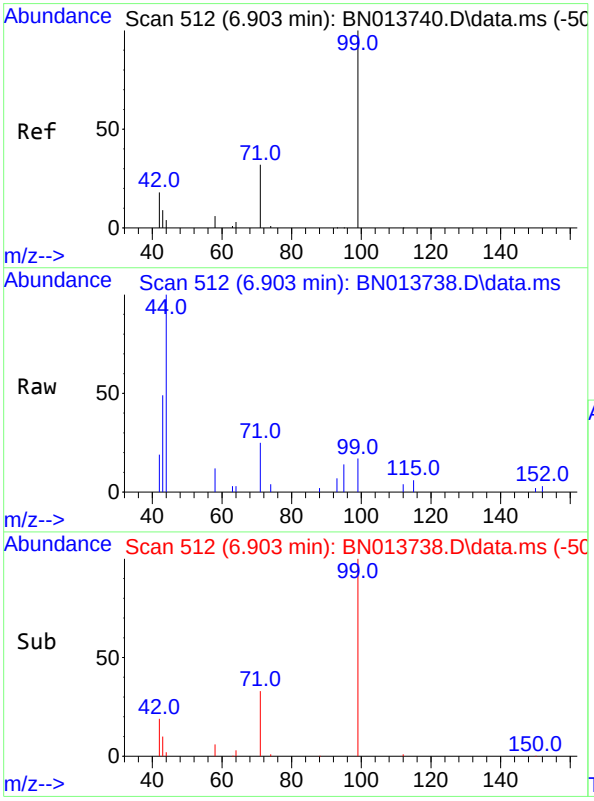
#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.332 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:112 Resp: 1367

Ion	Ratio	Lower	Upper
112	100		
64	58.8	44.3	66.5
63	32.3	23.0	34.6



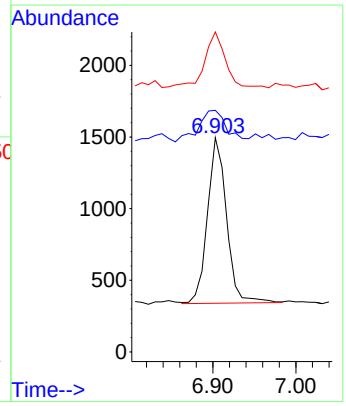
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



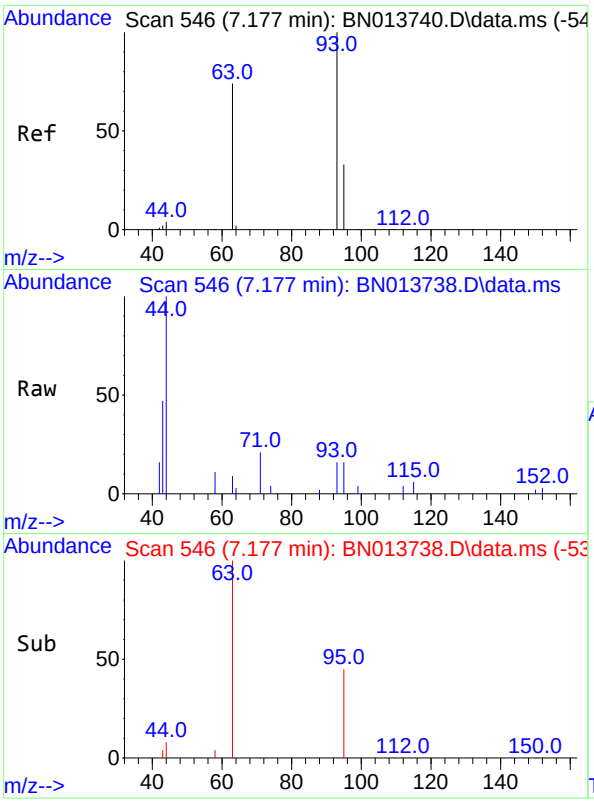
#5
Phenol-d6
Concen: 0.14 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion: 99 Resp: 1846

Ion	Ratio	Lower	Upper
99	100		
42	27.9	15.2	22.8#
71	34.6	26.1	39.1



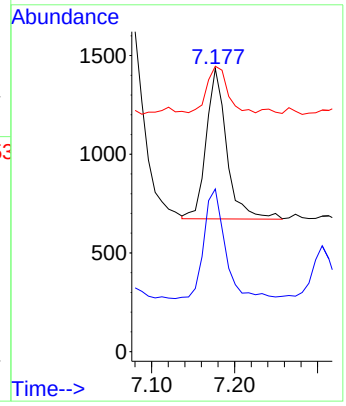
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

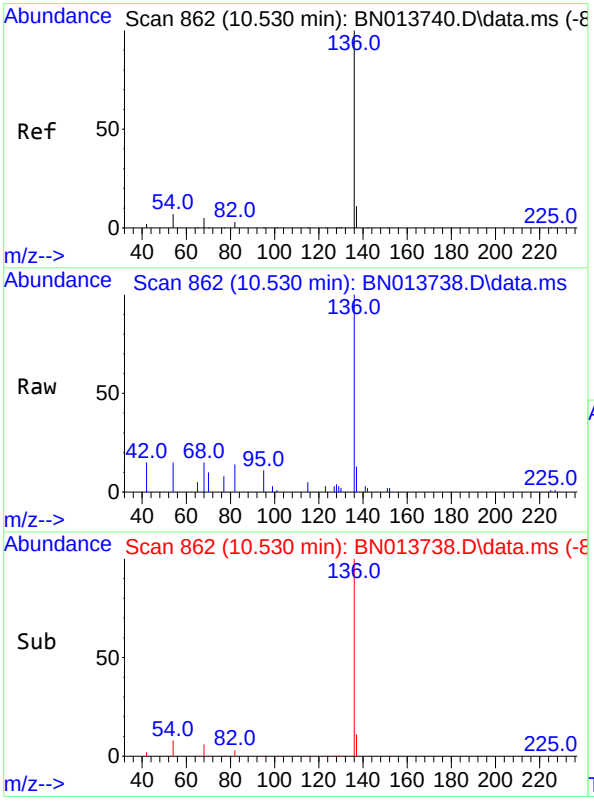


#6
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 7.177 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion: 93 Resp: 1308

Ion	Ratio	Lower	Upper
93	100		
63	74.8	60.8	91.2
95	30.7	26.0	39.0

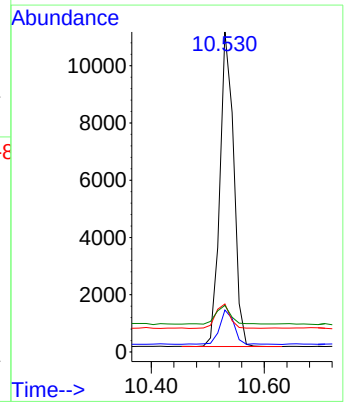




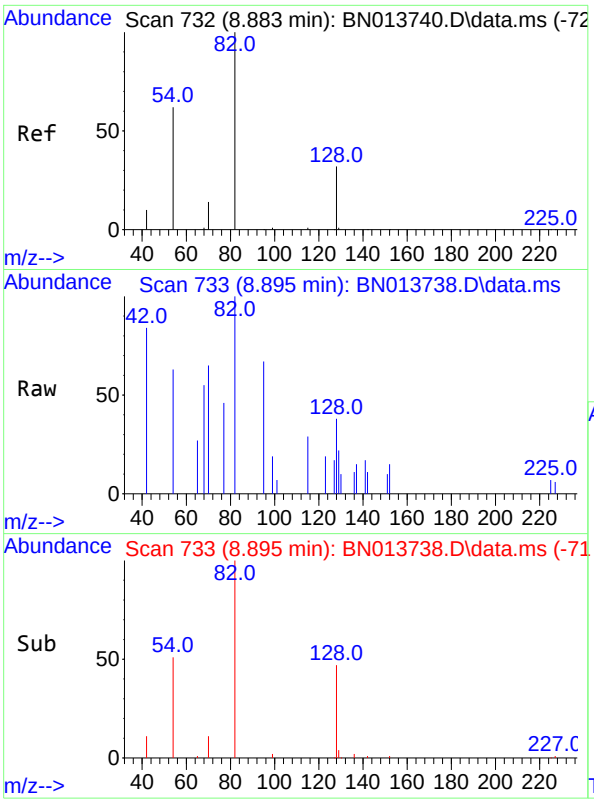
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:136 Resp: 18683

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.0	13.6
54	15.0	6.4	9.6#
68	14.6	4.5	6.7#



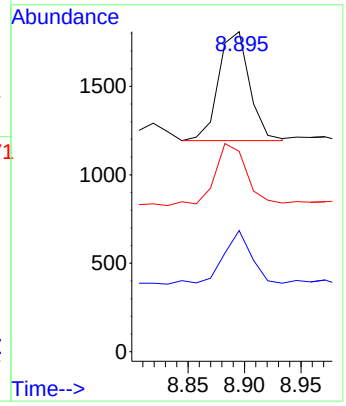
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

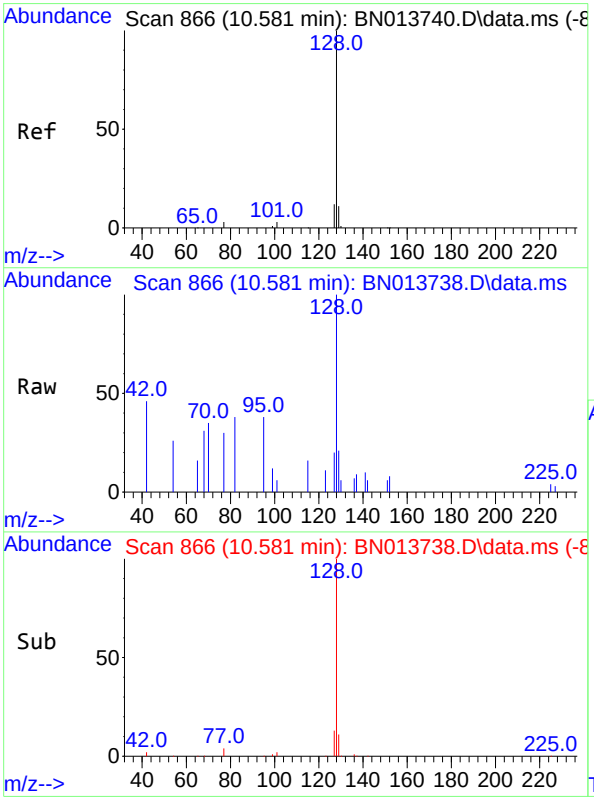


#8
Nitrobenzene-d5
Concen: 0.11 ng
RT: 8.895 min Scan# 733
Delta R.T. 0.013 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion: 82 Resp: 1174

Ion	Ratio	Lower	Upper
82	100		
128	37.9	39.2	58.8#
54	62.6	40.1	60.1#

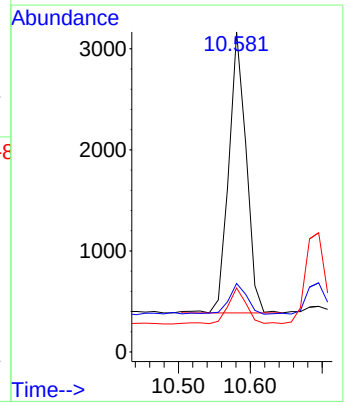




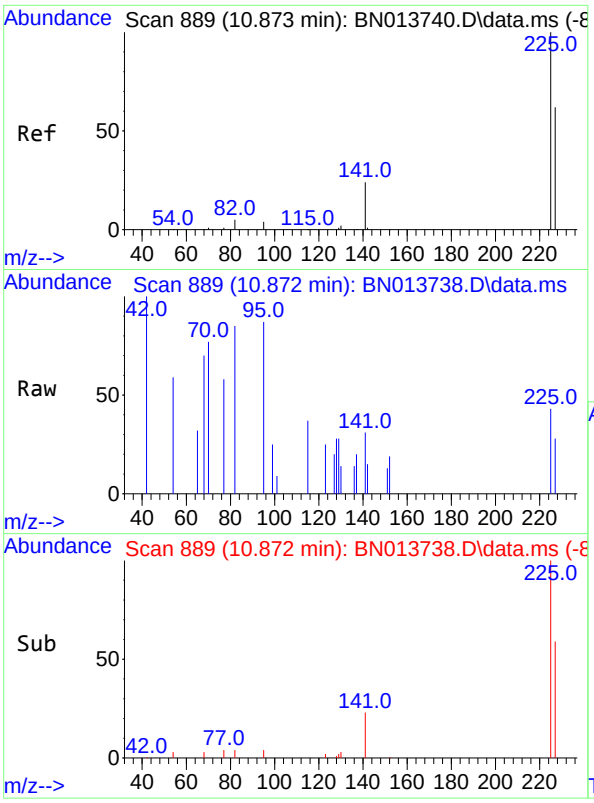
#9
Naphthalene
Concen: 0.10 ng
RT: 10.581 min Scan# 866
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:128 Resp: 4675

Ion	Ratio	Lower	Upper
128	100		
129	21.4	9.0	13.4#
127	20.0	10.4	15.6#



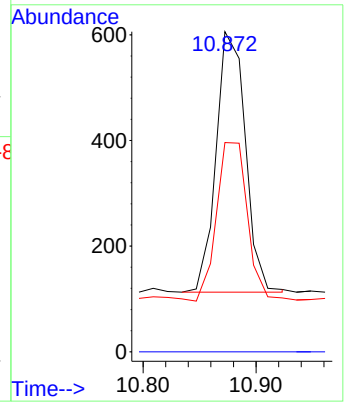
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

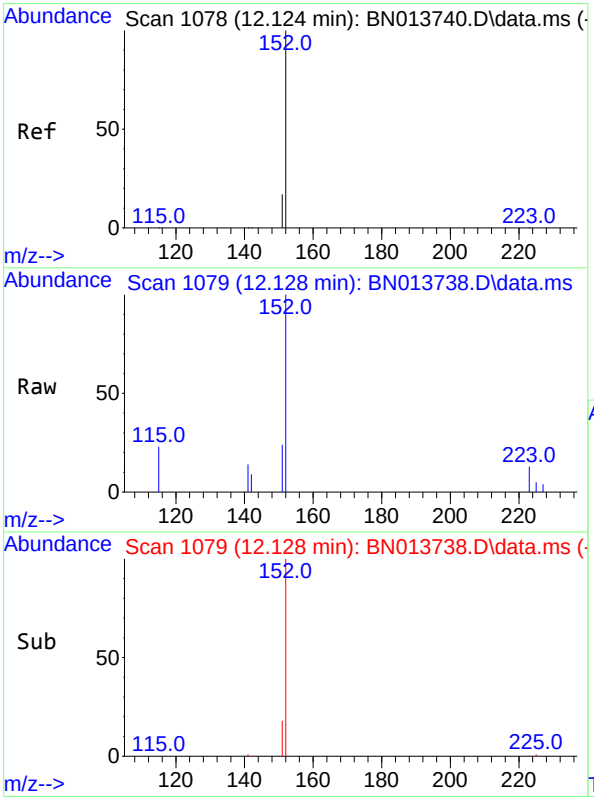


#10
Hexachlorobutadiene
Concen: 0.12 ng
RT: 10.872 min Scan# 889
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:225 Resp: 887

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.1	51.2	76.8

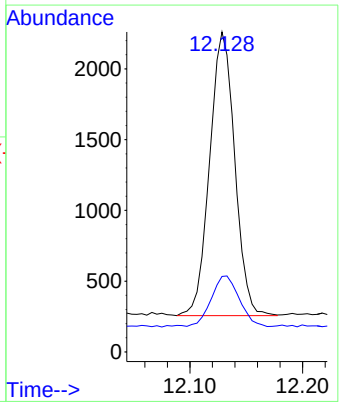




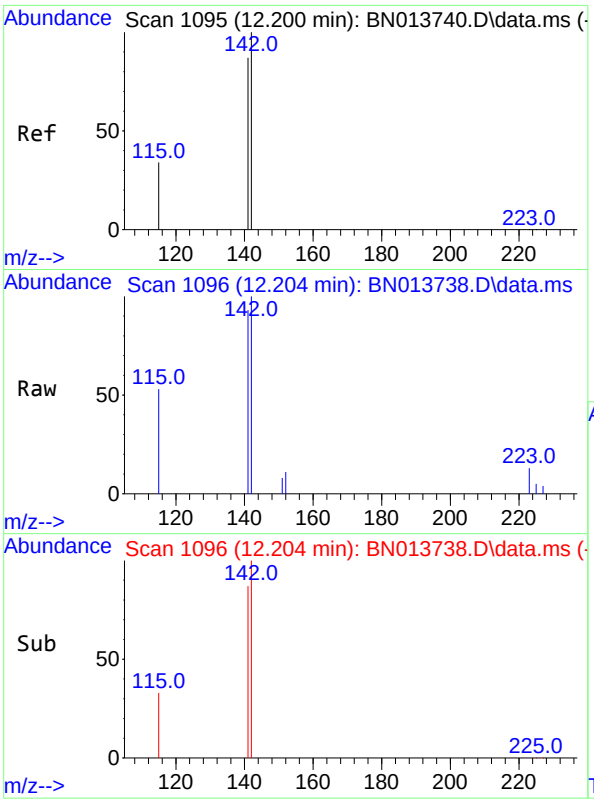
#11
2-Methylnaphthalene-d10
Concen: 0.11 ng
RT: 12.128 min Scan# 1079
Delta R.T. 0.004 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:152 Resp: 3110

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.2



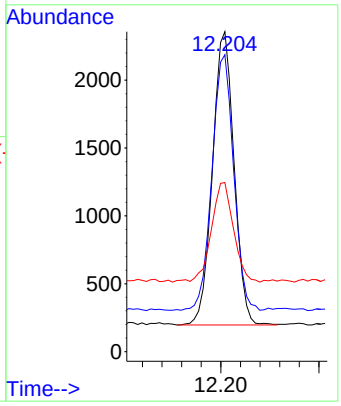
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

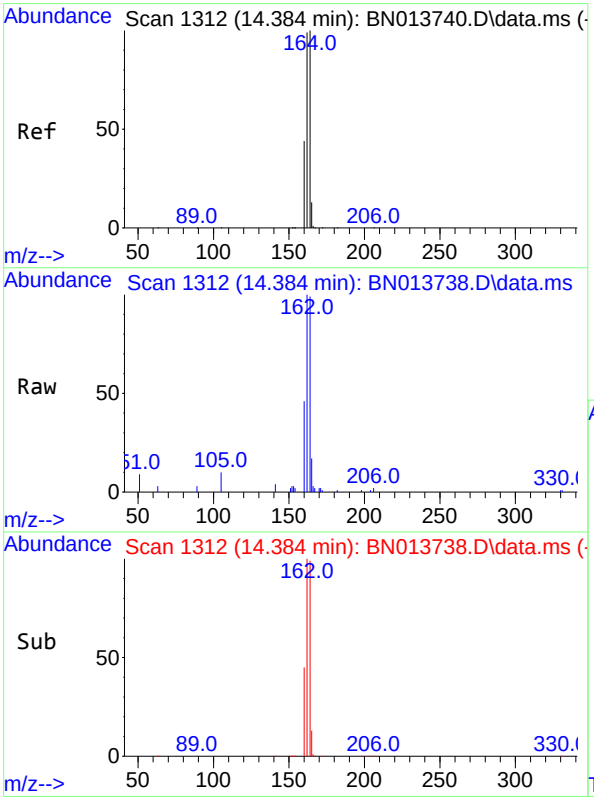


#12
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.204 min Scan# 1096
Delta R.T. 0.004 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:142 Resp: 3298

Ion	Ratio	Lower	Upper
142	100		
141	92.8	70.5	105.7
115	52.8	27.4	41.0#

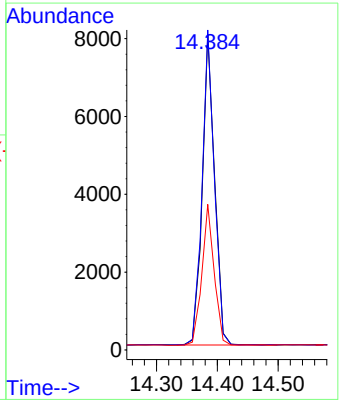




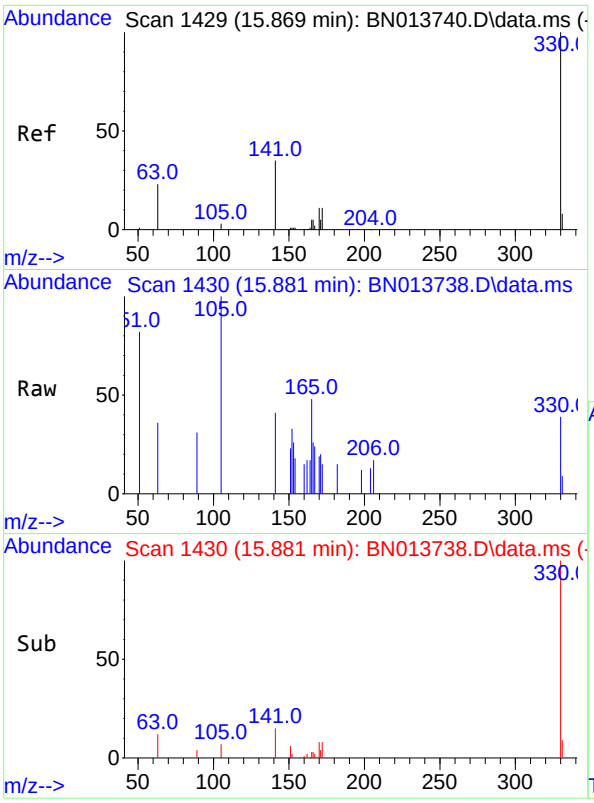
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.384 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:164 Resp: 11299

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.6	119.4
160	46.1	36.0	54.0



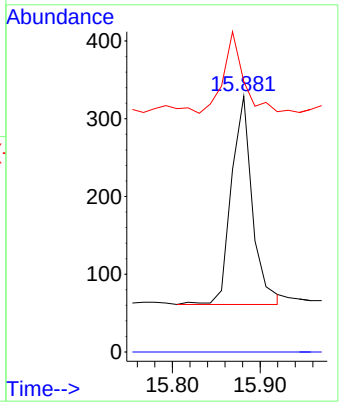
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

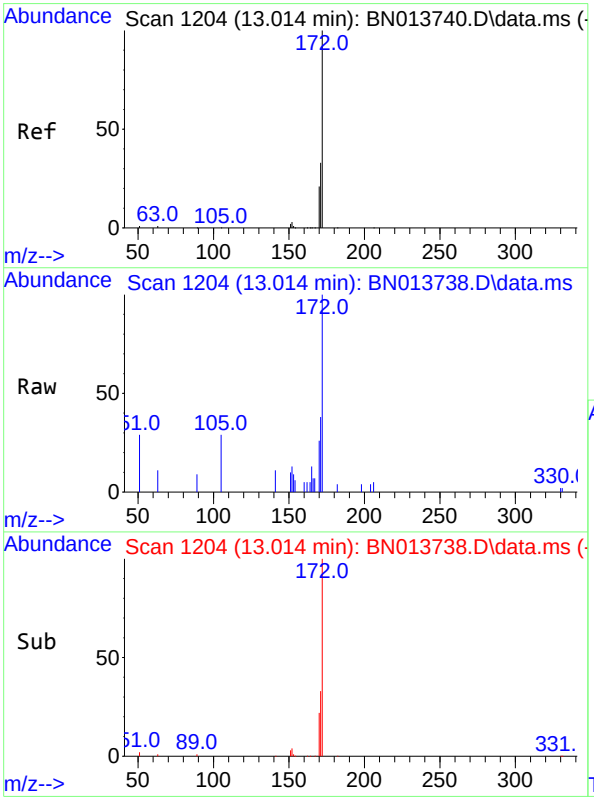


#14
2,4,6-Tribromophenol
Concen: 0.14 ng
RT: 15.881 min Scan# 1430
Delta R.T. 0.013 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:330 Resp: 445

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.3	26.8	40.2

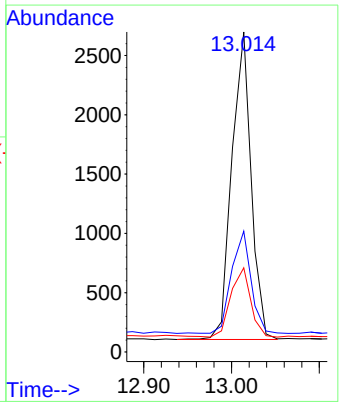




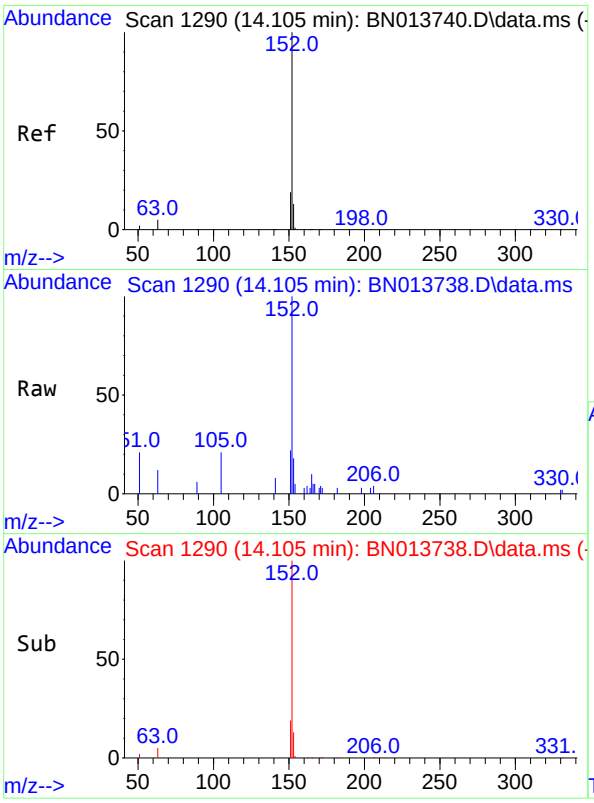
#15
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 13.014 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:172 Resp: 3949

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.6	42.8
170	26.3	18.9	28.3



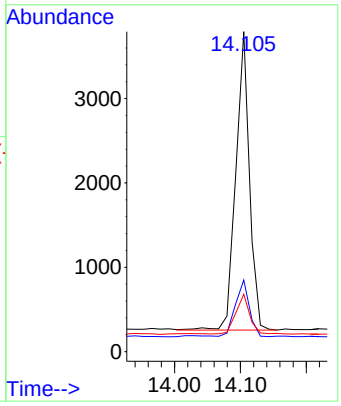
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

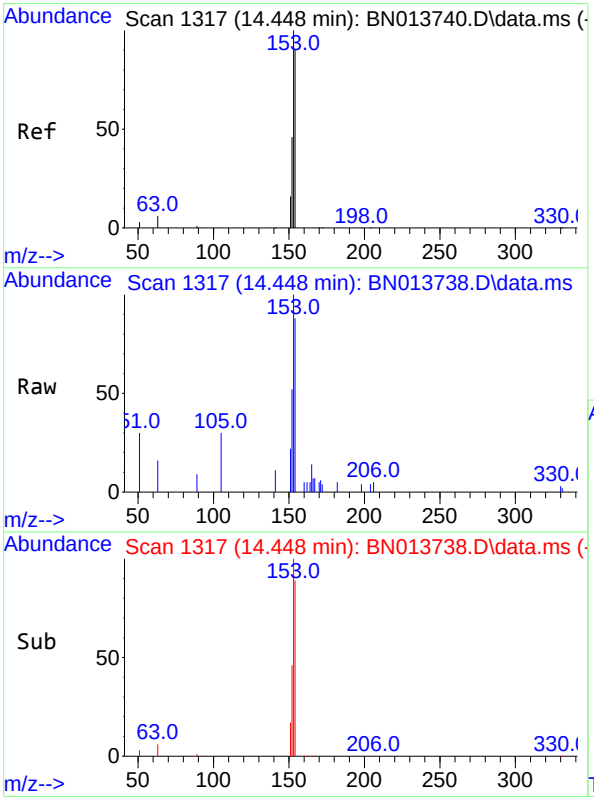


#16
Acenaphthylene
Concen: 0.12 ng
RT: 14.105 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:152 Resp: 5103

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.6	10.5	15.7

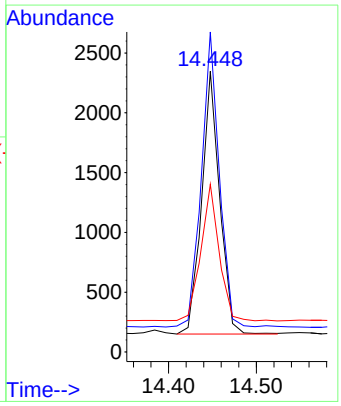




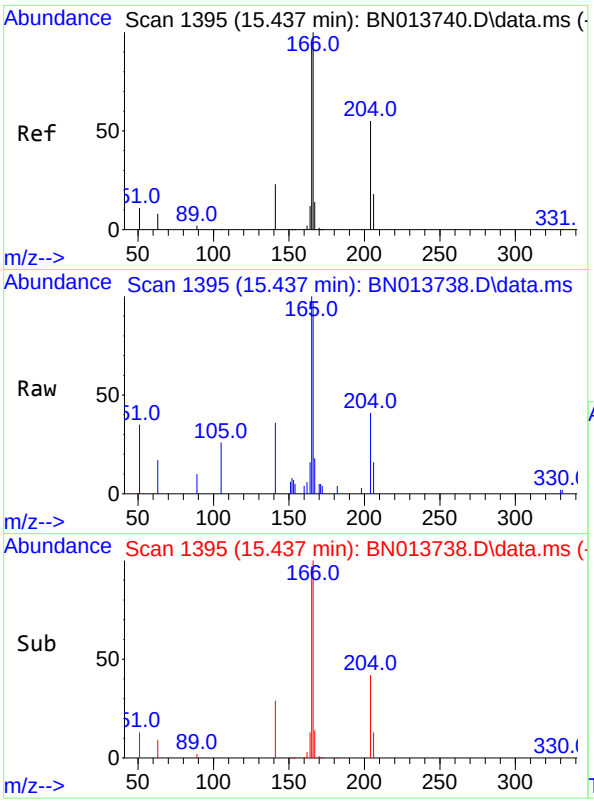
#17
Acenaphthene
Concen: 0.10 ng
RT: 14.448 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:154 Resp: 3133

Ion	Ratio	Lower	Upper
154	100		
153	111.2	88.4	132.6
152	52.4	43.0	64.4



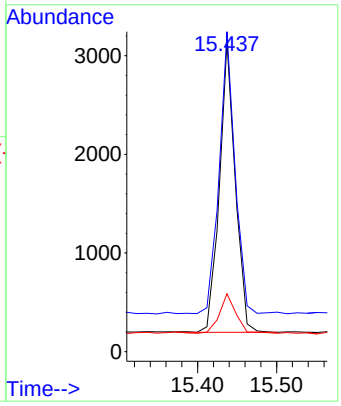
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

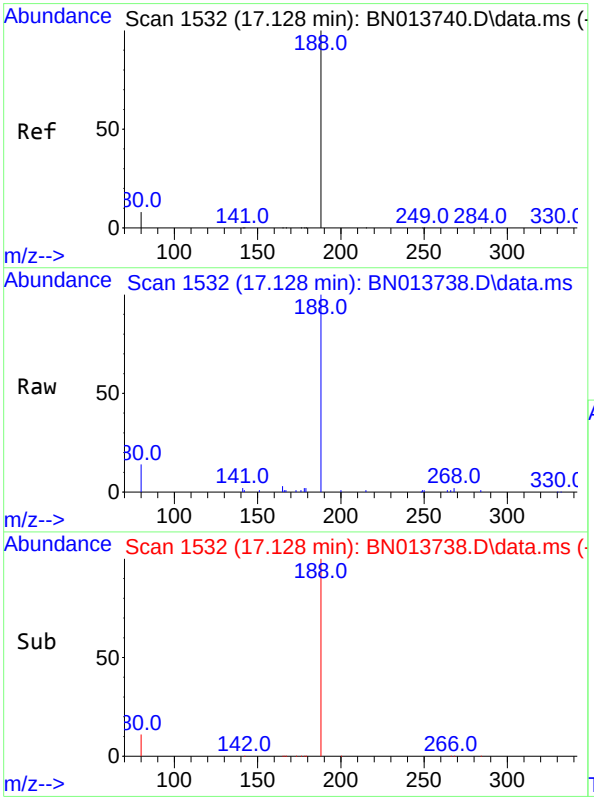


#18
Fluorene
Concen: 0.10 ng
RT: 15.437 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:166 Resp: 4098

Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.8	116.8
167	14.1	10.6	16.0

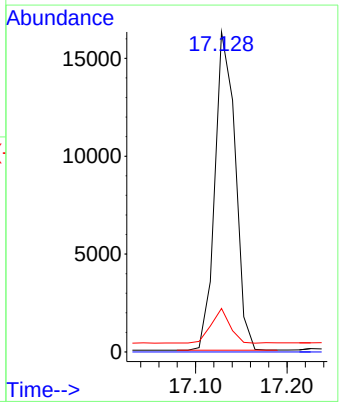




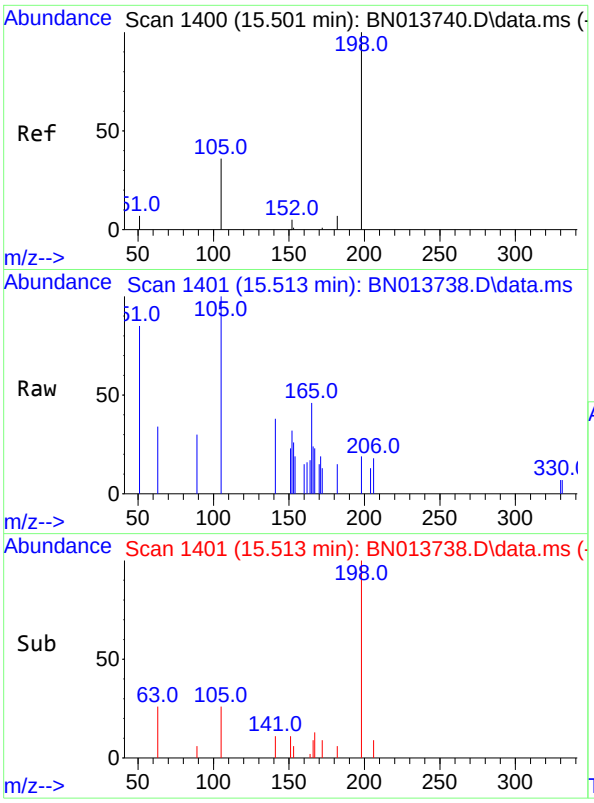
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:188 Resp: 25144

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



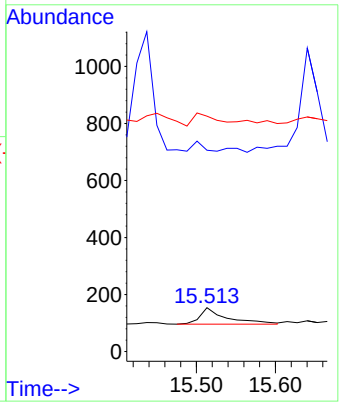
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

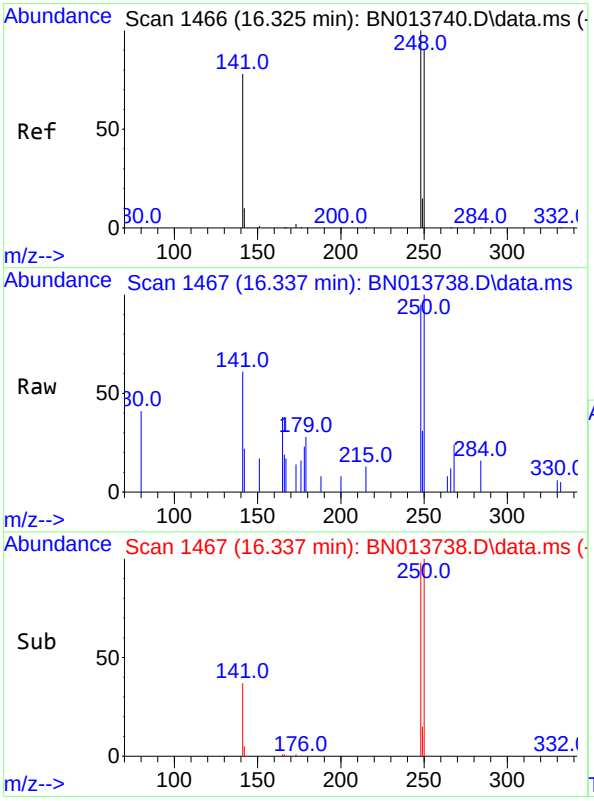


#20
4,6-Dinitro-2-methylphenol
Concen: 0.06 ng
RT: 15.513 min Scan# 1401
Delta R.T. 0.013 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:198 Resp: 138

Ion	Ratio	Lower	Upper
198	100		
51	458.4	61.7	92.5#
105	536.4	33.0	49.6#

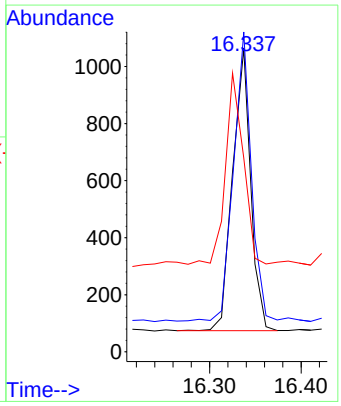




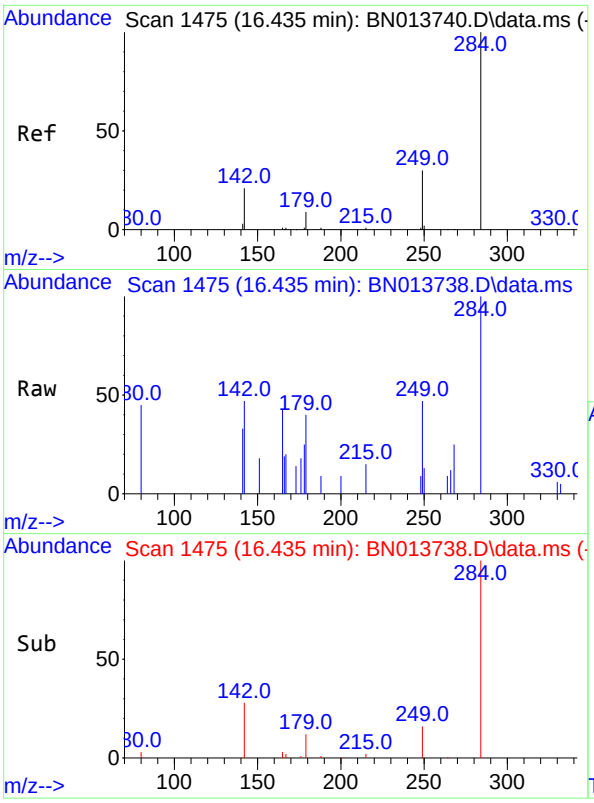
#21
4-Bromophenyl-phenylether
Concen: 0.11 ng
RT: 16.337 min Scan# 1467
Delta R.T. 0.012 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:248 Resp: 1351

Ion	Ratio	Lower	Upper
248	100		
250	105.4	75.5	113.3
141	63.9	53.8	80.8



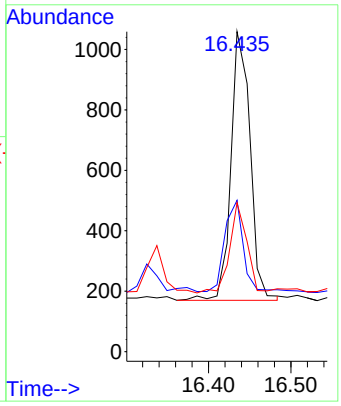
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

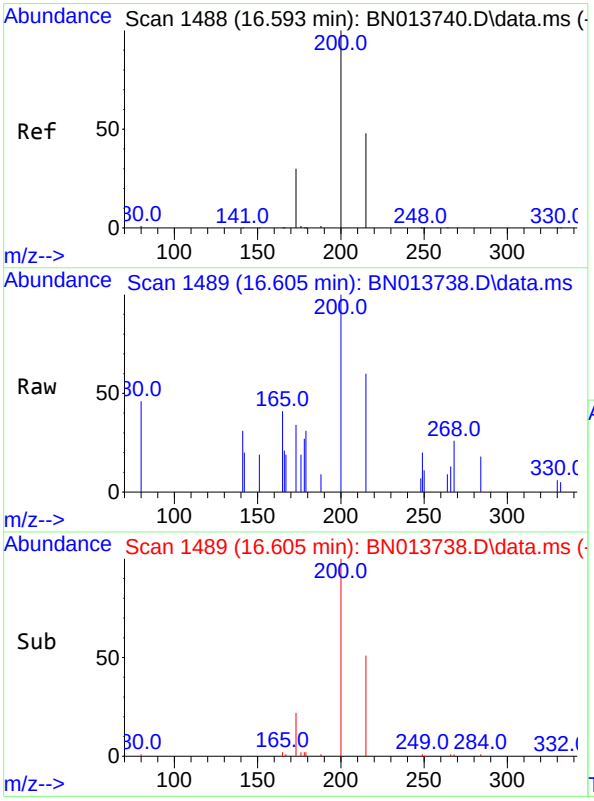


#22
Hexachlorobenzene
Concen: 0.10 ng
RT: 16.435 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:284 Resp: 1435

Ion	Ratio	Lower	Upper
284	100		
142	32.0	27.9	41.9
249	30.2	24.2	36.2

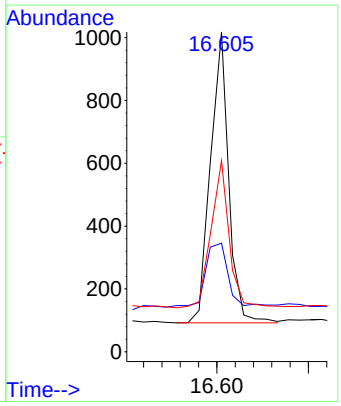




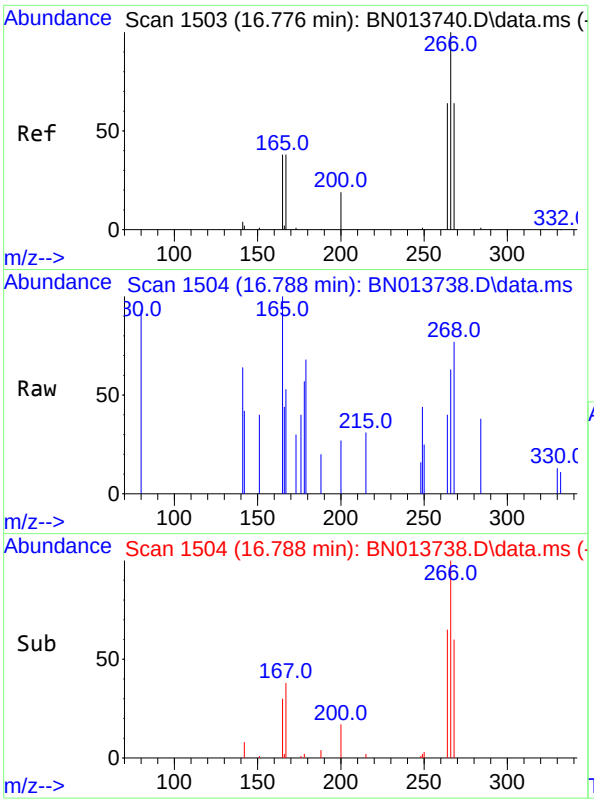
#23
Atrazine
Concen: 0.16 ng
RT: 16.605 min Scan# 1489
Delta R.T. 0.012 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:200 Resp: 1278

Ion	Ratio	Lower	Upper
200	100		
173	34.0	18.6	28.0#
215	59.7	41.0	61.6



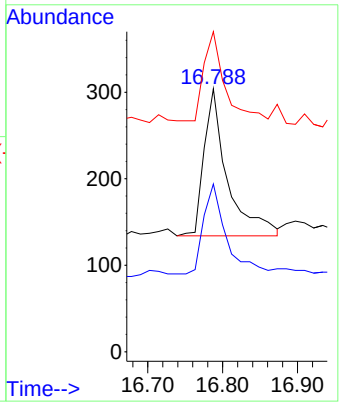
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

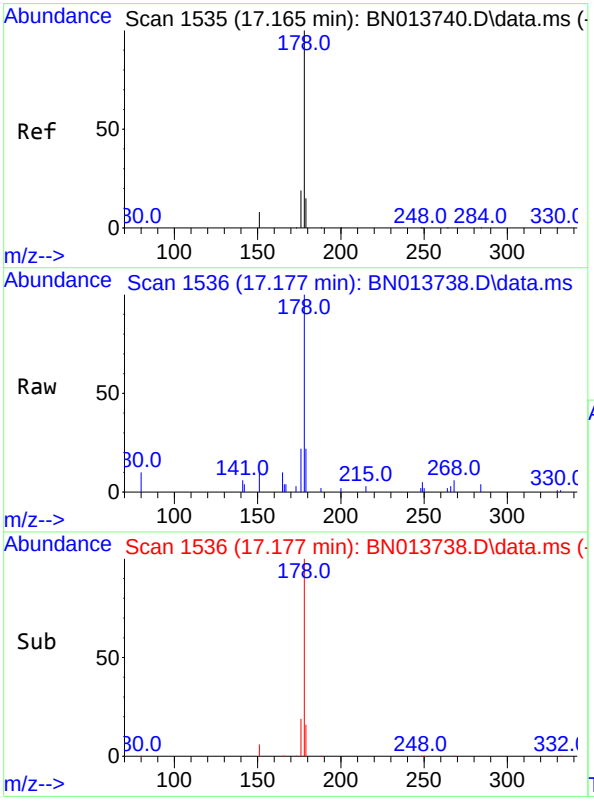


#24
Pentachlorophenol
Concen: 0.13 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:266 Resp: 368

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.6	77.4
268	57.1	54.6	82.0

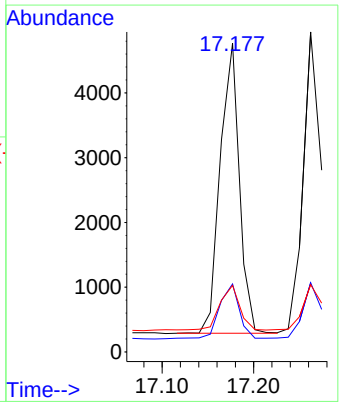




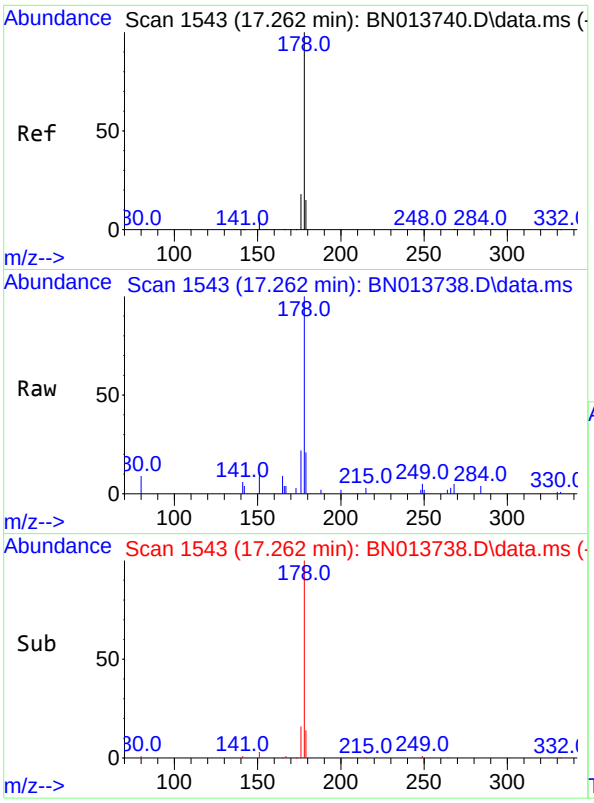
#25
Phenanthrene
Concen: 0.10 ng
RT: 17.177 min Scan# 1536
Delta R.T. 0.012 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:178 Resp: 6525

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.4
179	17.2	12.3	18.5



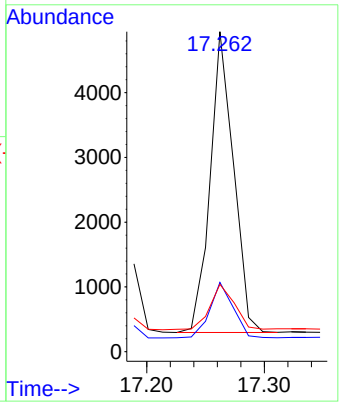
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

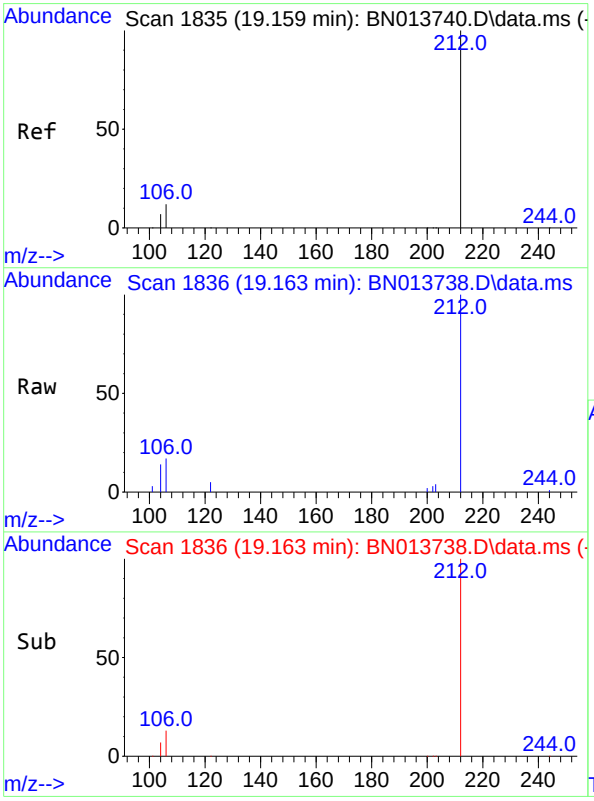


#26
Anthracene
Concen: 0.11 ng
RT: 17.262 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:178 Resp: 6413

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	16.1	12.2	18.2

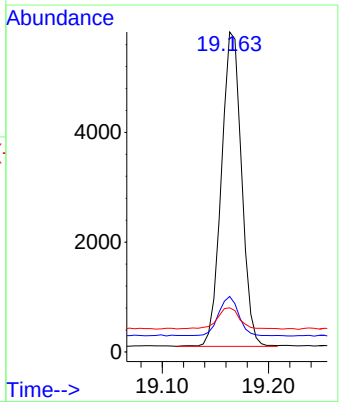




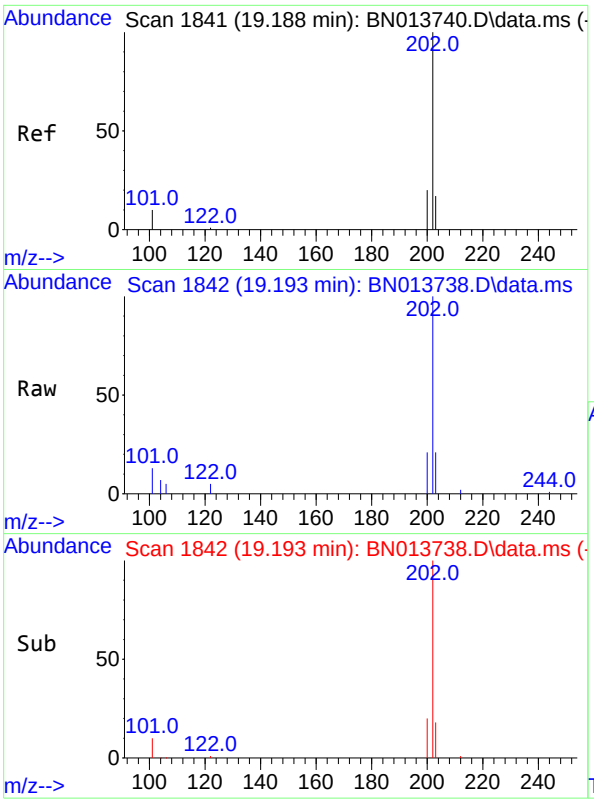
#27
Fluoranthene-d10
Concen: 0.11 ng
RT: 19.163 min Scan# 1836
Delta R.T. 0.005 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:212 Resp: 7553

Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.7	14.5
104	7.6	5.5	8.3



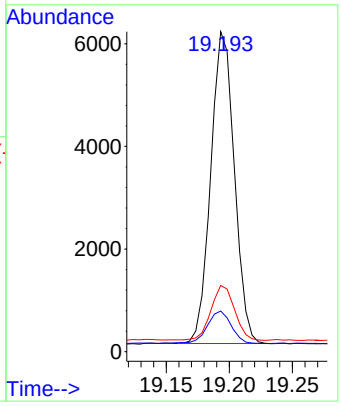
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

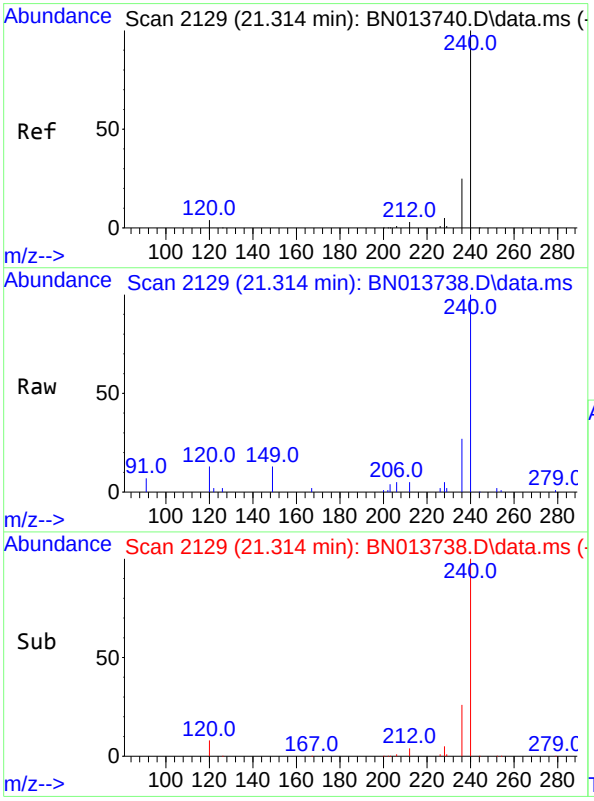


#28
Fluoranthene
Concen: 0.11 ng
RT: 19.193 min Scan# 1842
Delta R.T. 0.005 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:202 Resp: 7899

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.1	12.1
203	17.6	13.9	20.9

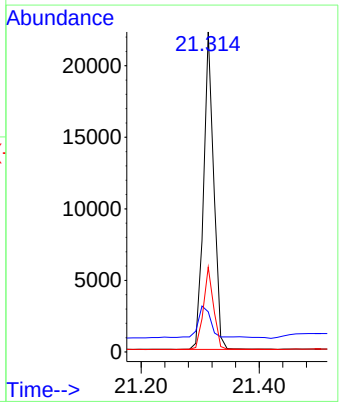




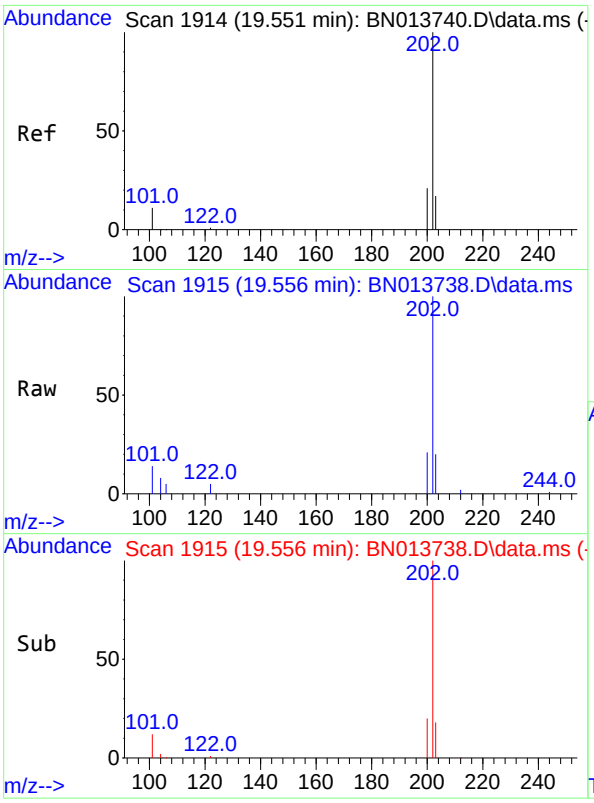
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:240 Resp: 26660

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.2	15.4
236	26.5	21.3	31.9



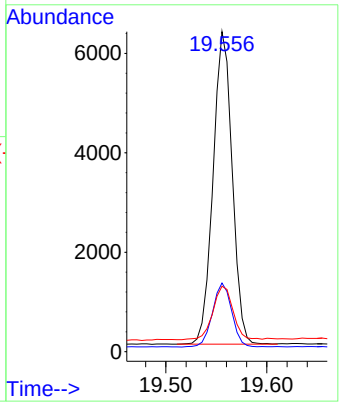
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

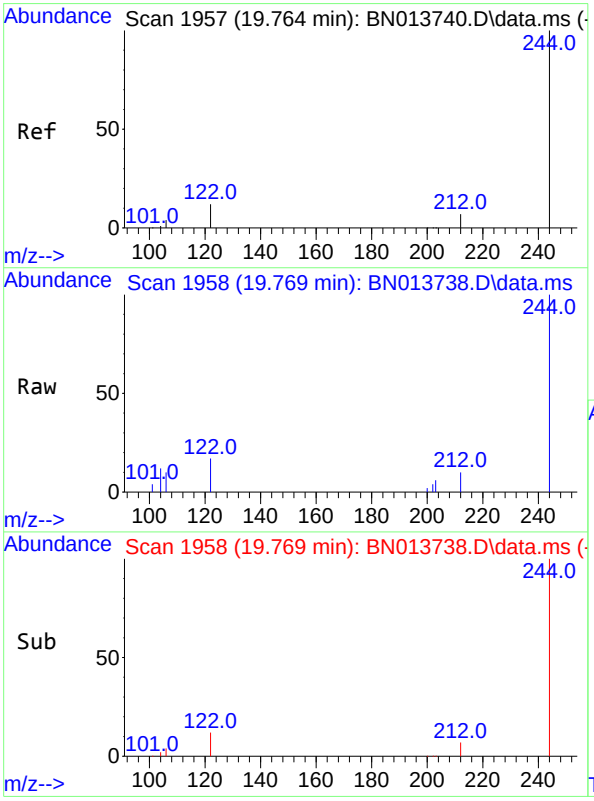


#30
Pyrene
Concen: 0.10 ng
RT: 19.556 min Scan# 1915
Delta R.T. 0.005 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:202 Resp: 8278

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	18.1	14.0	21.0

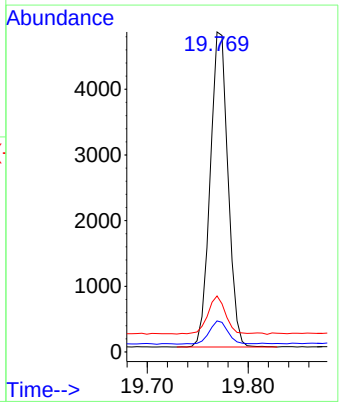




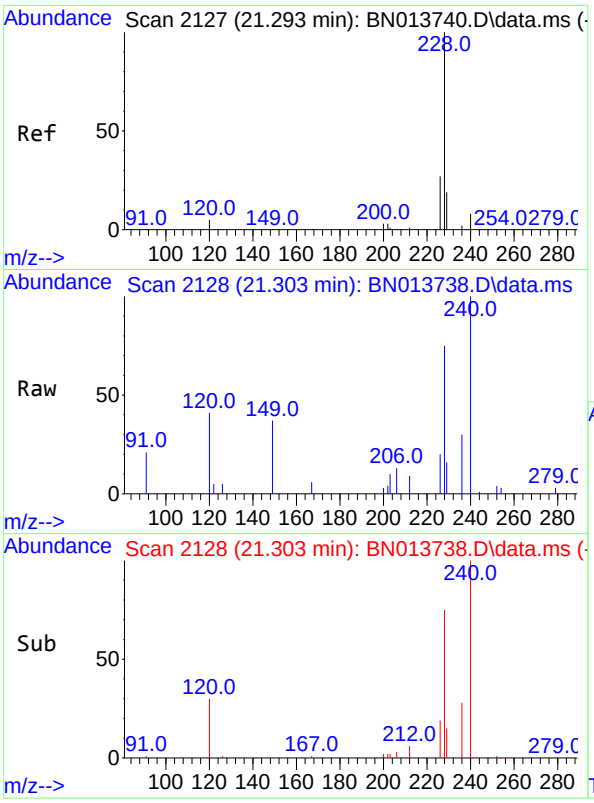
#31
Terphenyl-d14
Concen: 0.10 ng
RT: 19.769 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:244 Resp: 5876

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.1	9.1#
122	17.5	9.8	14.8#



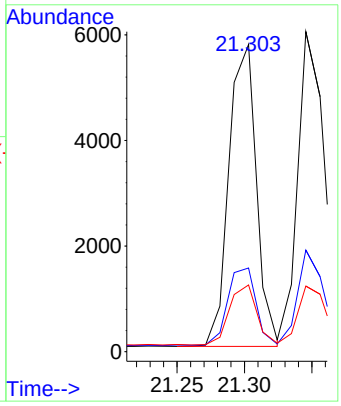
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

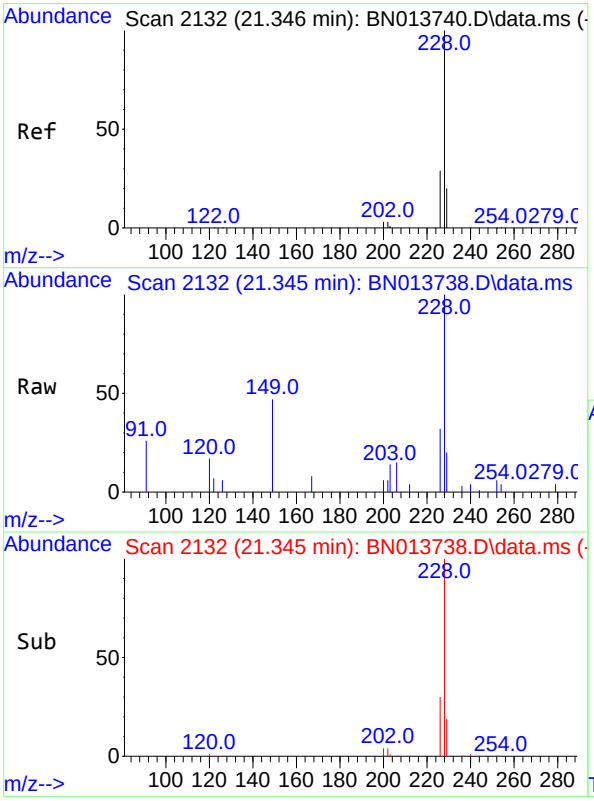


#32
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.010 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:228 Resp: 8123

Ion	Ratio	Lower	Upper
228	100		
226	27.2	20.5	30.7
229	21.7	16.2	24.4

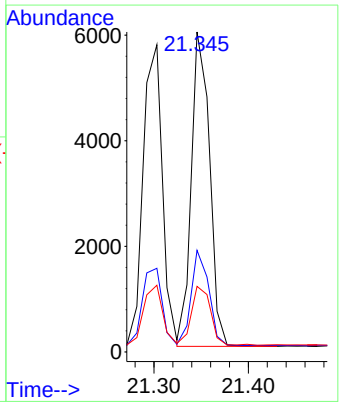




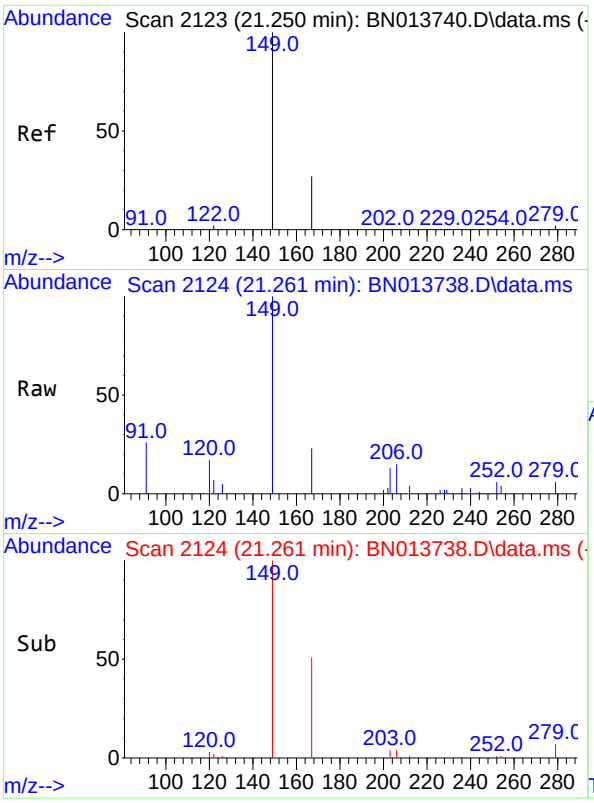
#33
Chrysene
Concen: 0.10 ng
RT: 21.345 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:228 Resp: 8010

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.3	36.5
229	20.5	15.1	22.7



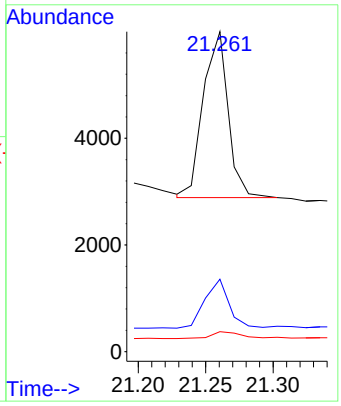
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

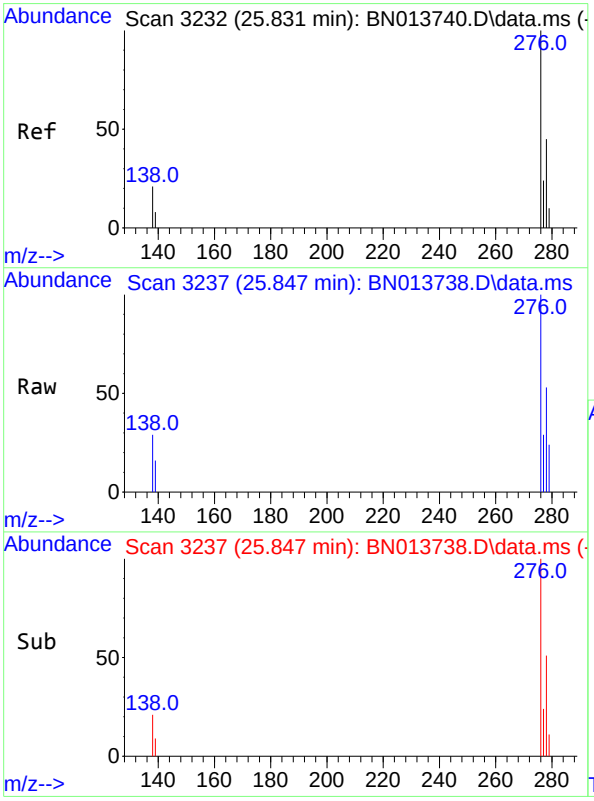


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.261 min Scan# 2124
Delta R.T. 0.010 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:149 Resp: 3979

Ion	Ratio	Lower	Upper
149	100		
167	31.3	22.1	33.1
279	5.0	3.5	5.3

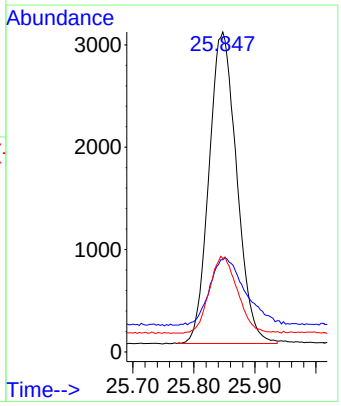




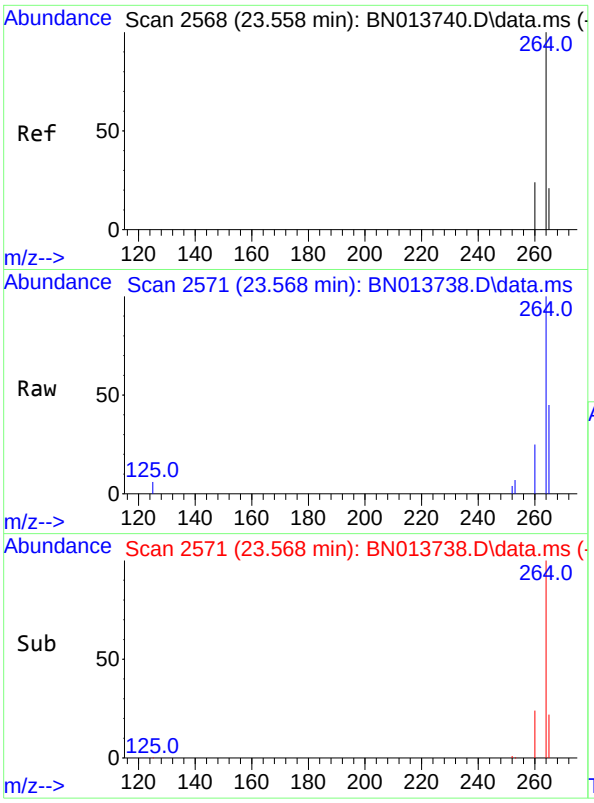
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng
RT: 25.847 min Scan# 3237
Delta R.T. 0.017 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:276 Resp: 9569

Ion	Ratio	Lower	Upper
276	100		
138	27.4	19.8	29.6
277	25.1	19.9	29.9



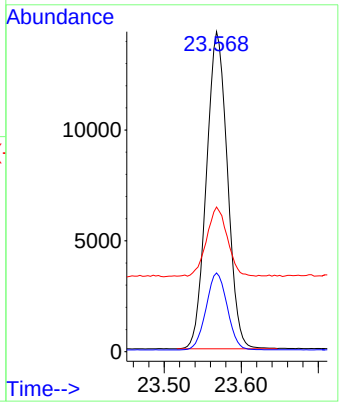
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

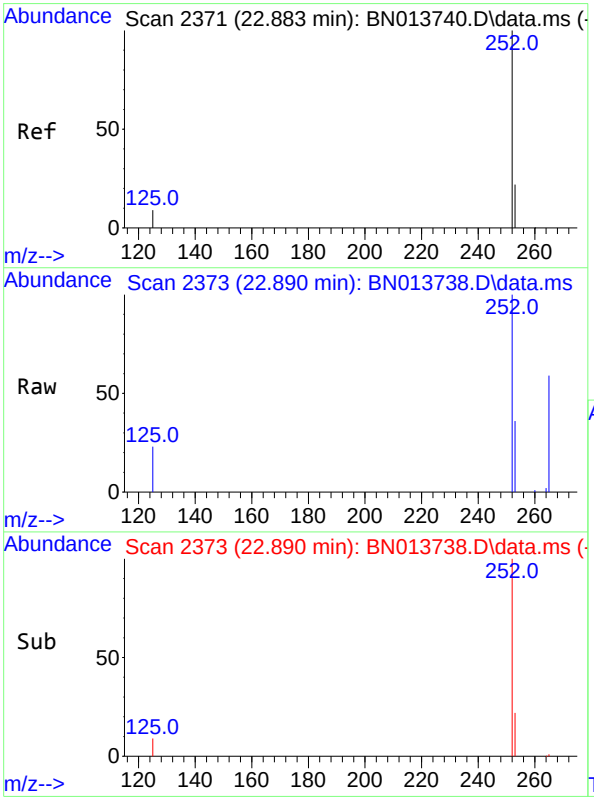


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.568 min Scan# 2571
Delta R.T. 0.010 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:264 Resp: 27050

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	45.2	66.2	99.4#

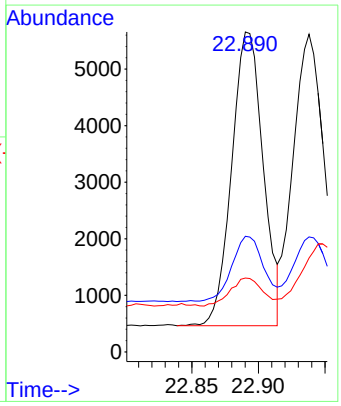




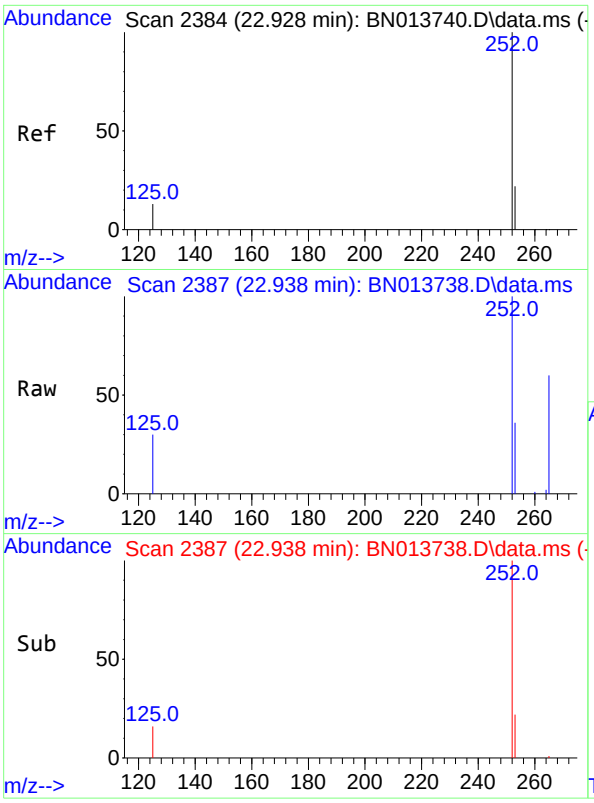
#37
Benzo(b)fluoranthene
Concen: 0.09 ng
RT: 22.890 min Scan# 2373
Delta R.T. 0.007 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:252 Resp: 8526

Ion	Ratio	Lower	Upper
252	100		
253	36.2	20.4	30.6#
125	23.1	11.6	17.4#



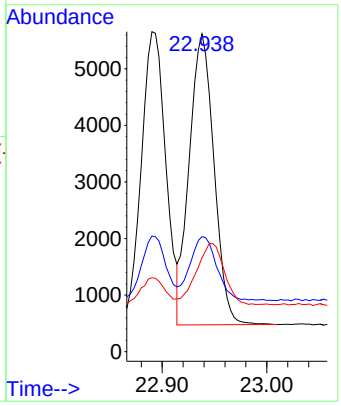
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

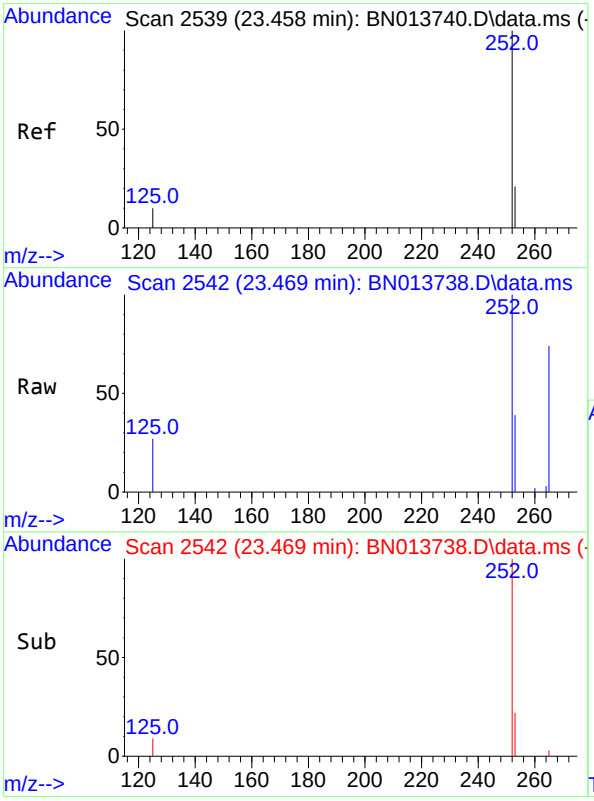


#38
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 22.938 min Scan# 2387
Delta R.T. 0.010 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:252 Resp: 8432

Ion	Ratio	Lower	Upper
252	100		
253	36.2	20.5	30.7#
125	29.6	12.3	18.5#

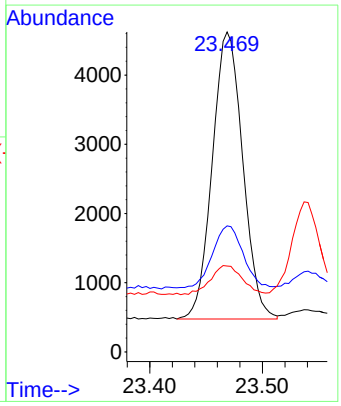




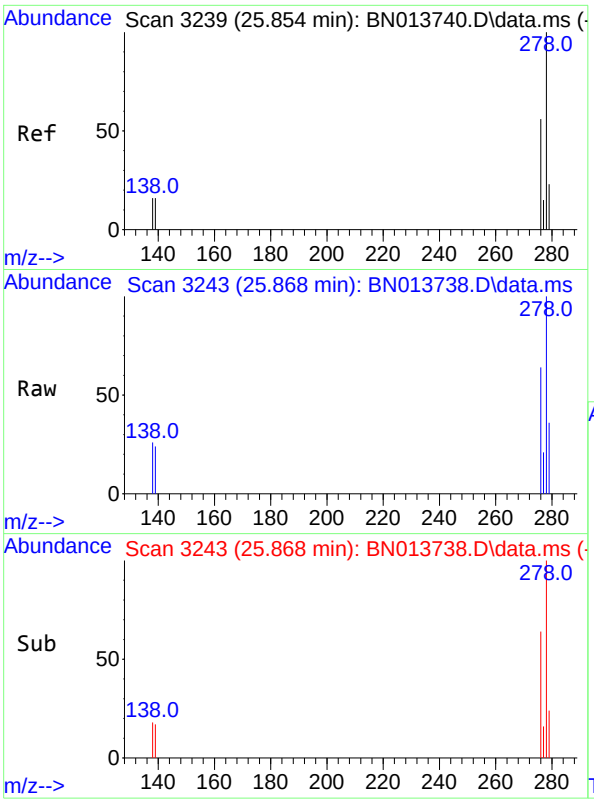
#39
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.469 min Scan# 2542
Delta R.T. 0.010 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:252 Resp: 7772

Ion	Ratio	Lower	Upper
252	100		
253	39.4	21.8	32.6#
125	26.9	14.6	21.8#



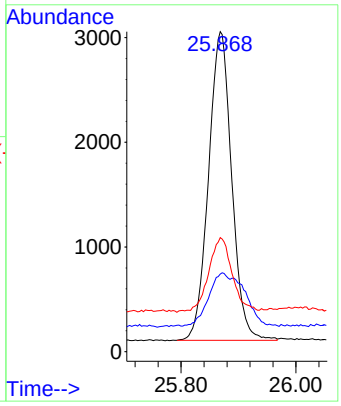
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

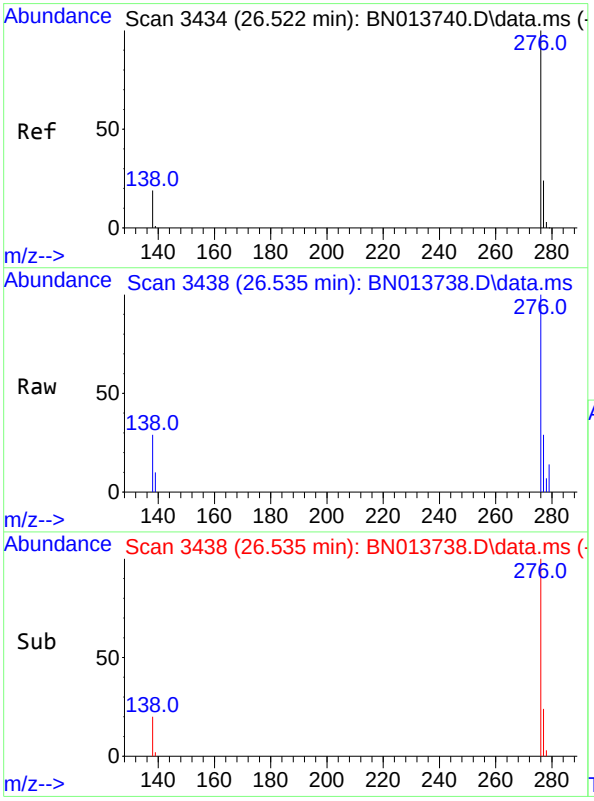


#40
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 25.868 min Scan# 3243
Delta R.T. 0.014 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:278 Resp: 8243

Ion	Ratio	Lower	Upper
278	100		
139	24.2	13.1	19.7#
279	35.7	21.4	32.0#





#41
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 26.535 min Scan# 3438
Delta R.T. 0.014 min
Lab File: BN013738.D
Acq: 24 Feb 2021 17:18

Tgt Ion:276 Resp: 8277

Ion	Ratio	Lower	Upper
276	100		
277	29.5	20.0	30.0
138	29.1	17.8	26.8#