Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072021\
Data File : BN015617.D
Acq On : 20 Jul 2021 10:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 20 11:24:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 11:13:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	14490	0.400	ng	#	0.00
7) Naphthalene-d8	10.571	136	63448	0.400	ng	#	0.00
13) Acenaphthene-d10	14.408	164	33060	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	61508	0.400	ng		0.00
29) Chrysene-d12	21.366	240	59745	0.400	ng	#	0.00
35) Perylene-d12	23.707	264	61046	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.374	112	15949	0.384	ng		0.00
5) Phenol-d6	6.951	99	18738	0.379	ng		0.00
8) Nitrobenzene-d5	8.937	82	15521	0.340	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	37921	0.363	ng		0.00
14) 2,4,6-Tribromophenol	15.906	330	4567	0.405	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	49364	0.370	ng		0.00
27) Fluoranthene-d10	19.202	212	65288	0.351	ng		0.00
31) Terphenyl-d14	19.808	244	49923	0.352	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.336	88	2929	0.413	ng	#	58
3) n-Nitrosodimethylamine	3.678	42	4323	0.362	ng	#	77
6) bis(2-Chloroethyl)ether	7.218	93	16895	0.382	ng	#	85
9) Naphthalene	10.622	128	67607	0.367	ng		97
10) Hexachlorobutadiene	10.914	225	12799	0.372	ng	#	99
12) 2-Methylnaphthalene	12.234	142	43801	0.375	ng	#	89
16) Acenaphthylene	14.129	152	52801	0.343	ng		98
17) Acenaphthene	14.472	154	37421	0.364	ng		98
18) Fluorene	15.461	166	45074	0.366	ng		99
20) 4,6-Dinitro-2-methylph...	15.550	198	1706	1.138	ng	#	58
21) 4-Bromophenyl-phenylether	16.360	248	13709	0.351	ng		92
22) Hexachlorobenzene	16.470	284	15779	0.359	ng	#	92
23) Atrazine	16.628	200	9069	0.354	ng		93
24) Pentachlorophenol	16.823	266	1008	0.367	ng		100
25) Phenanthrene	17.200	178	71751	0.361	ng		99
26) Anthracene	17.298	178	58771	0.344	ng		99
28) Fluoranthene	19.232	202	79973	0.371	ng	#	97
30) Pyrene	19.594	202	79149	0.345	ng		99
32) Benzo(a)anthracene	21.344	228	74693	0.358	ng		98
33) Chrysene	21.397	228	80862	0.366	ng		98
34) Bis(2-ethylhexyl)phtha...	21.291	149	29926	0.335	ng	#	87
36) Indeno(1,2,3-cd)pyrene	26.110	276	98301	0.451	ng	#	84
37) Benzo(b)fluoranthene	22.995	252	83896	0.350	ng	#	95
38) Benzo(k)fluoranthene	23.043	252	89481	0.370	ng	#	94
39) Benzo(a)pyrene	23.604	252	76632	0.372	ng	#	91
40) Dibenzo(a,h)anthracene	26.127	278	80995	0.473	ng	#	90
41) Benzo(g,h,i)perylene	26.846	276	81397	0.440	ng	#	89

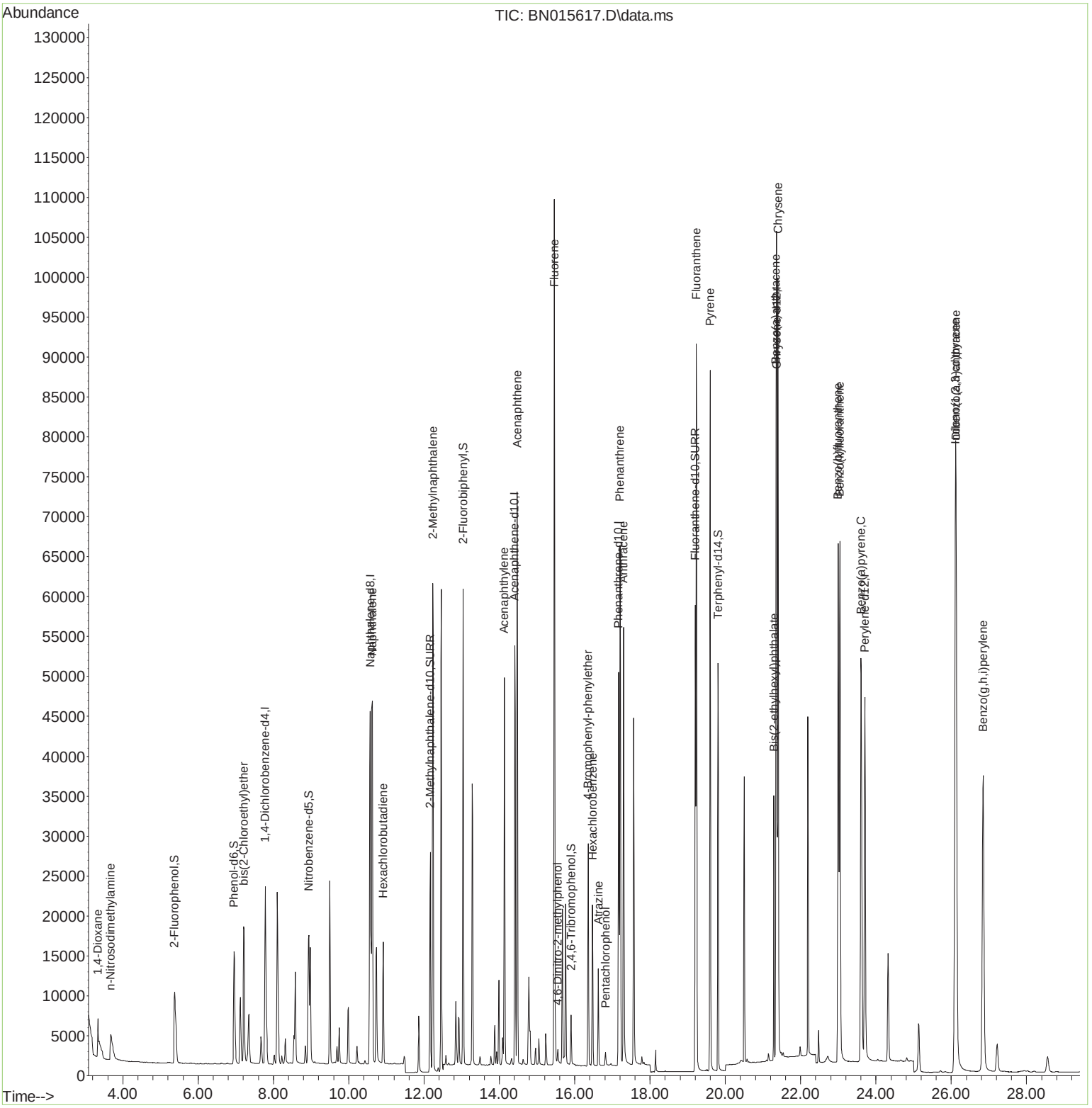
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

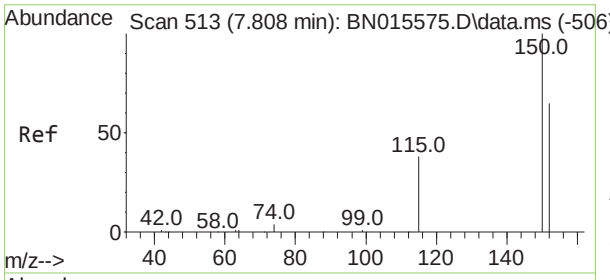
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072021\
Data File : BN015617.D
Acq On : 20 Jul 2021 10:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 20 11:24:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 11:13:03 2021
Response via : Initial Calibration



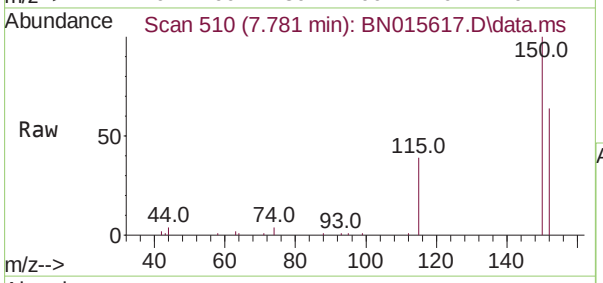
Instrument :
BNA_N
ClientSampleId :

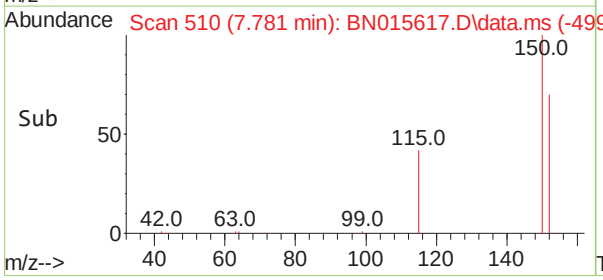


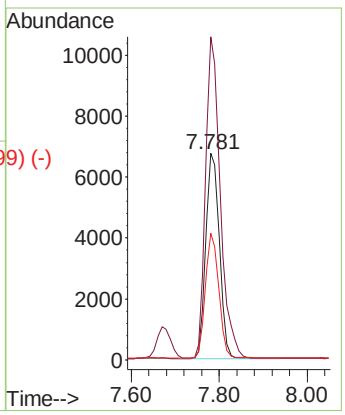
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.781 min Scan# 510
Delta R.T. -0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

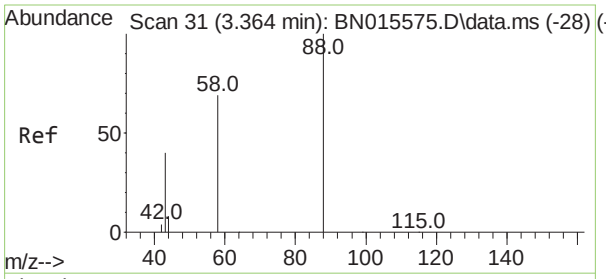
Tgt Ion:152 Resp: 14490

Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.0	178.6
115	61.2	62.2	93.4#





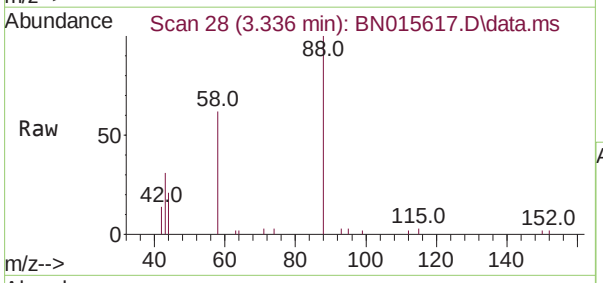


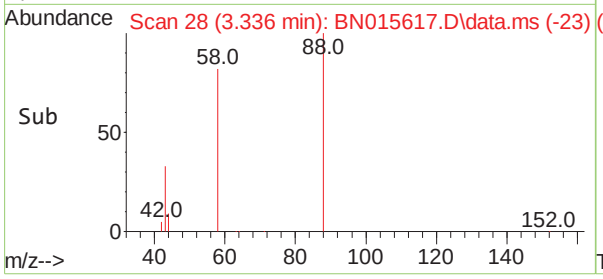


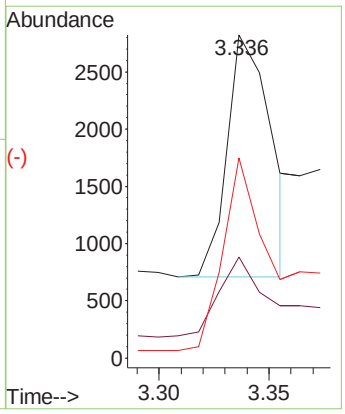
#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.336 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion: 88 Resp: 2929

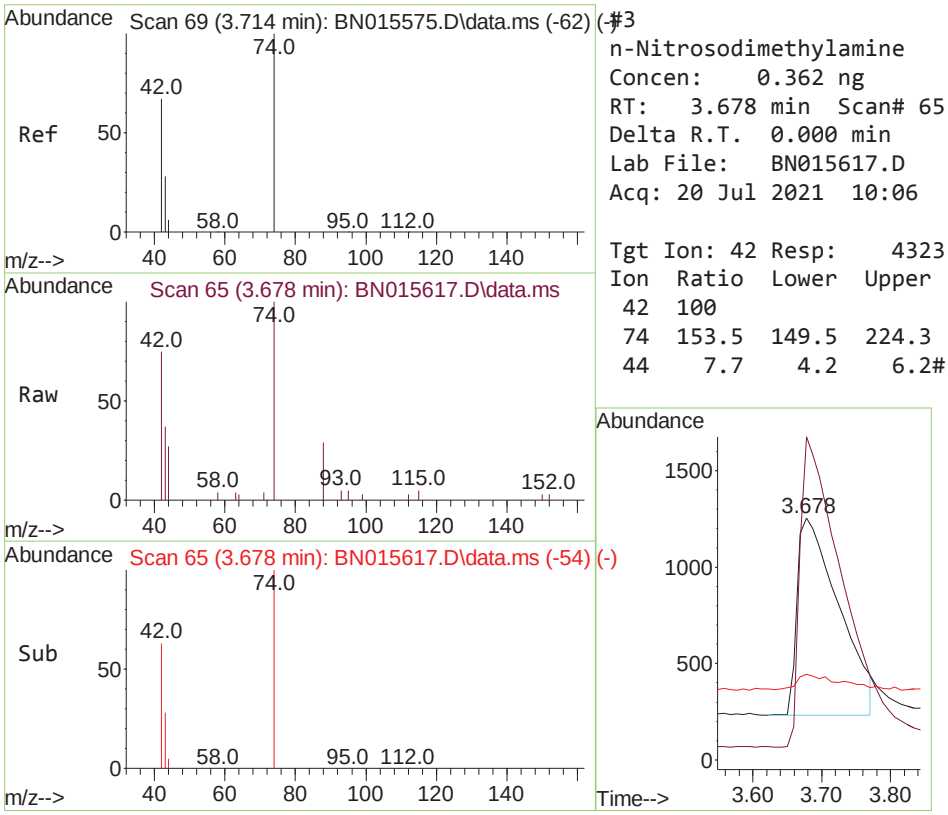
Ion	Ratio	Lower	Upper
88	100		
43	33.2	12.9	19.3#
58	76.3	38.1	57.1#







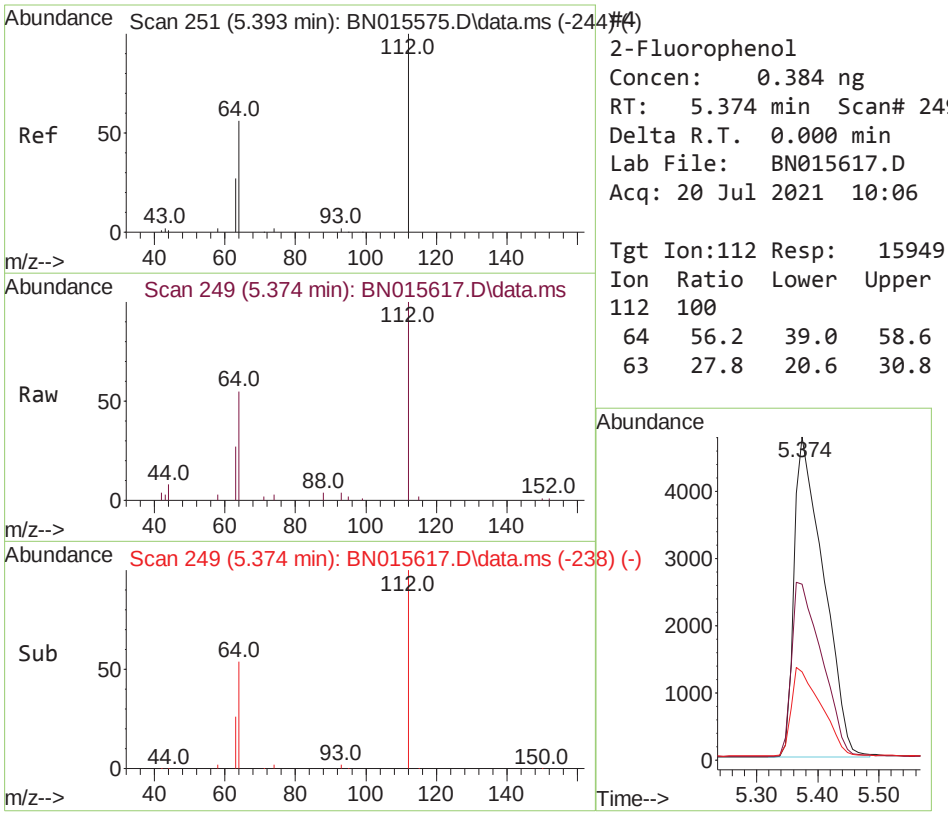
Instrument :
BNA_N
ClientSampleId :



#3
n-Nitrosodimethylamine
Concen: 0.362 ng
RT: 3.678 min Scan# 65
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion: 42 Resp: 4323

Ion	Ratio	Lower	Upper
42	100		
74	153.5	149.5	224.3
44	7.7	4.2	6.2#

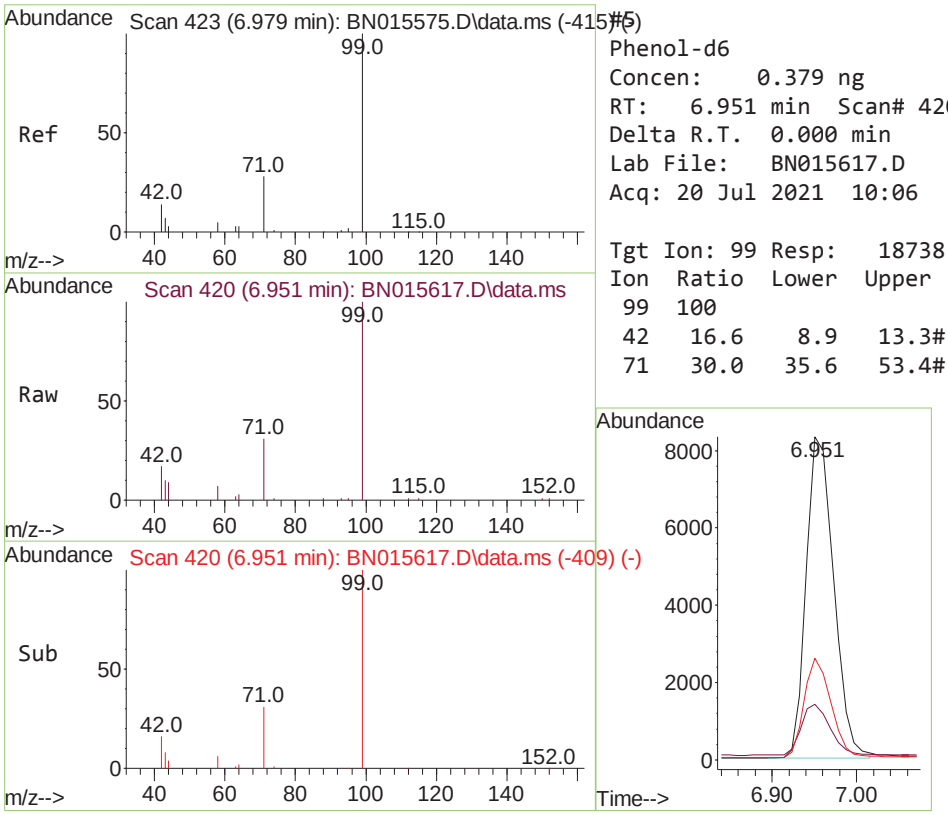


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.374 min Scan# 249
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:112 Resp: 15949

Ion	Ratio	Lower	Upper
112	100		
64	56.2	39.0	58.6
63	27.8	20.6	30.8

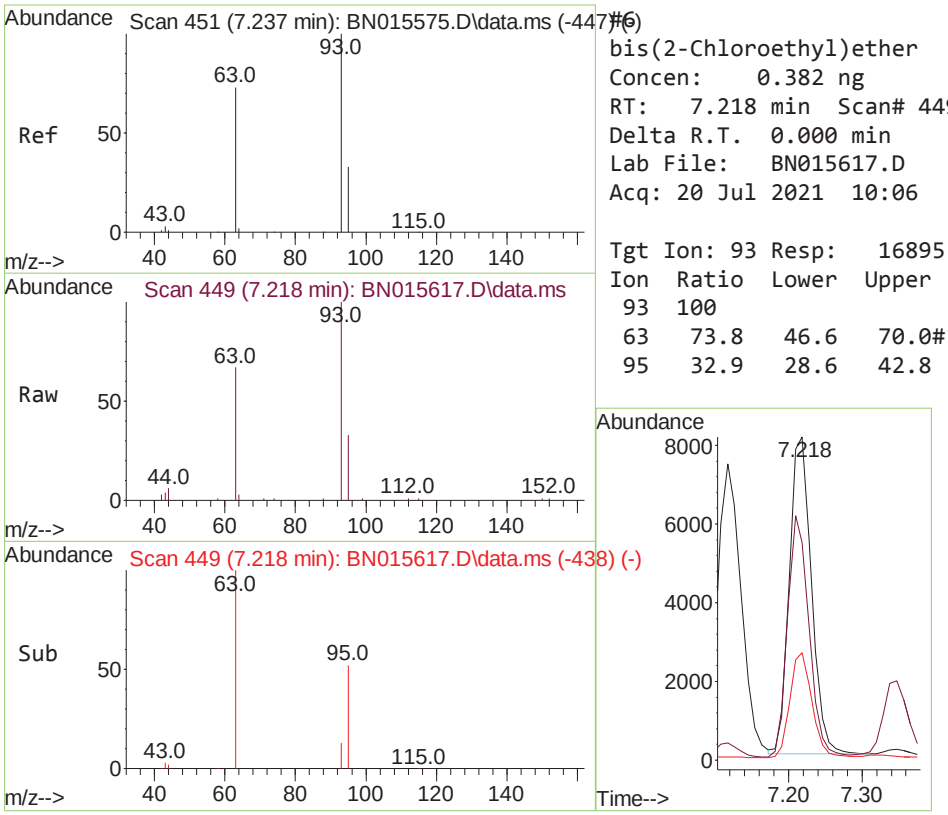
Instrument :
BNA_N
ClientSampleId :



#5
Phenol-d6
Concen: 0.379 ng
RT: 6.951 min Scan# 420
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion: 99 Resp: 18738

Ion	Ratio	Lower	Upper
99	100		
42	16.6	8.9	13.3#
71	30.0	35.6	53.4#

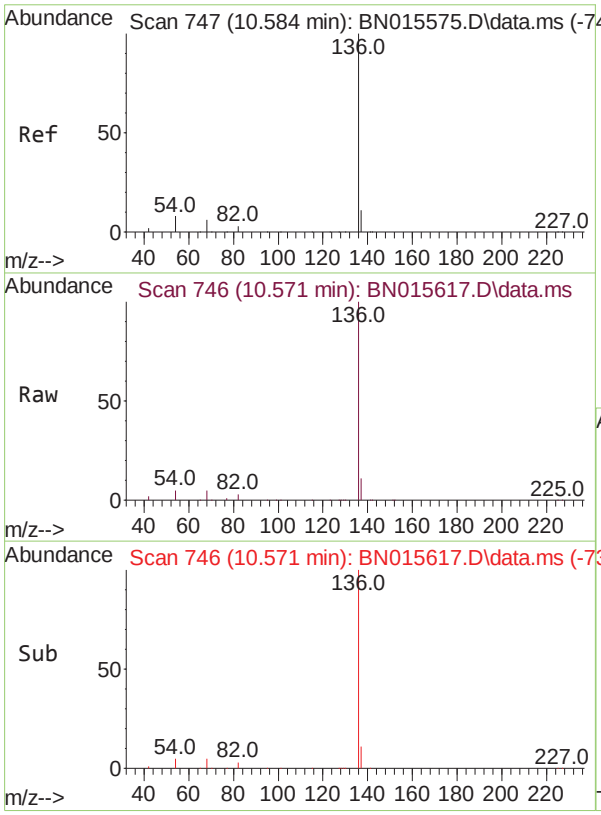


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.218 min Scan# 449
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion: 93 Resp: 16895

Ion	Ratio	Lower	Upper
93	100		
63	73.8	46.6	70.0#
95	32.9	28.6	42.8

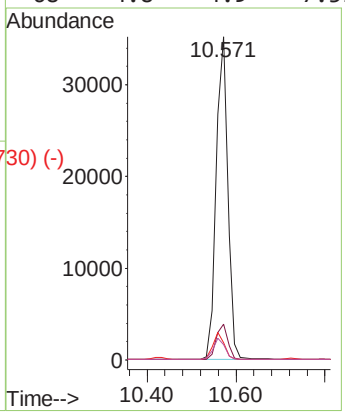
Instrument :
BNA_N
ClientSampleId :

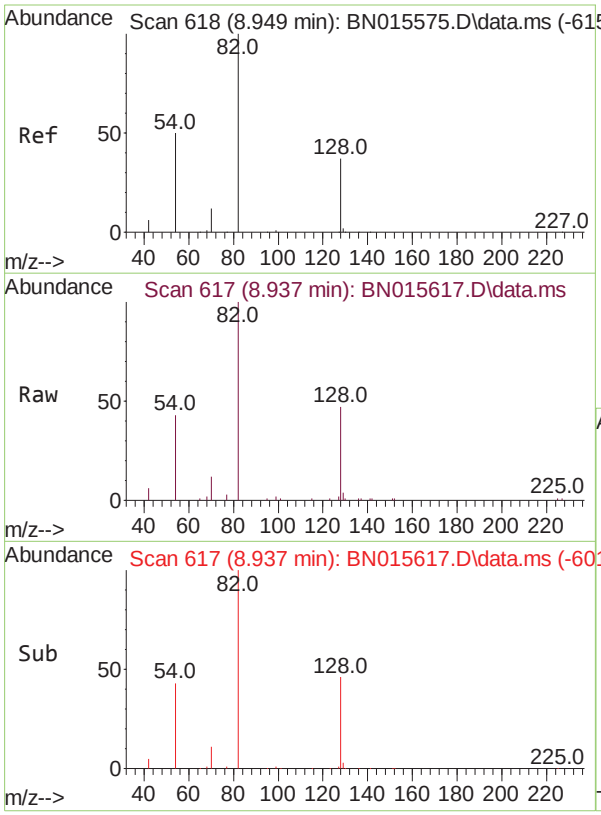


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.571 min Scan# 746
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:136 Resp: 63448

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.8
54	5.4	5.4	8.2#
68	4.8	4.9	7.3#

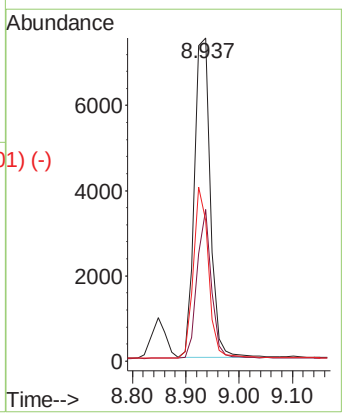




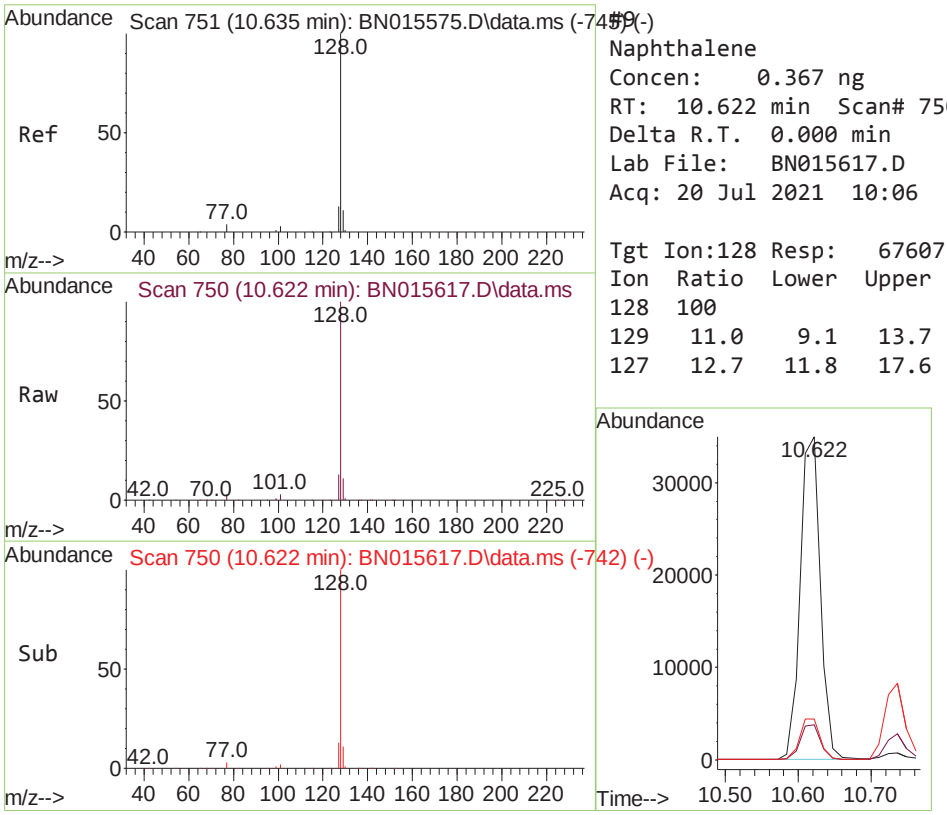
#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.937 min Scan# 617
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion: 82 Resp: 15521

Ion	Ratio	Lower	Upper
82	100		
128	46.9	31.6	47.4
54	43.5	29.0	43.4#



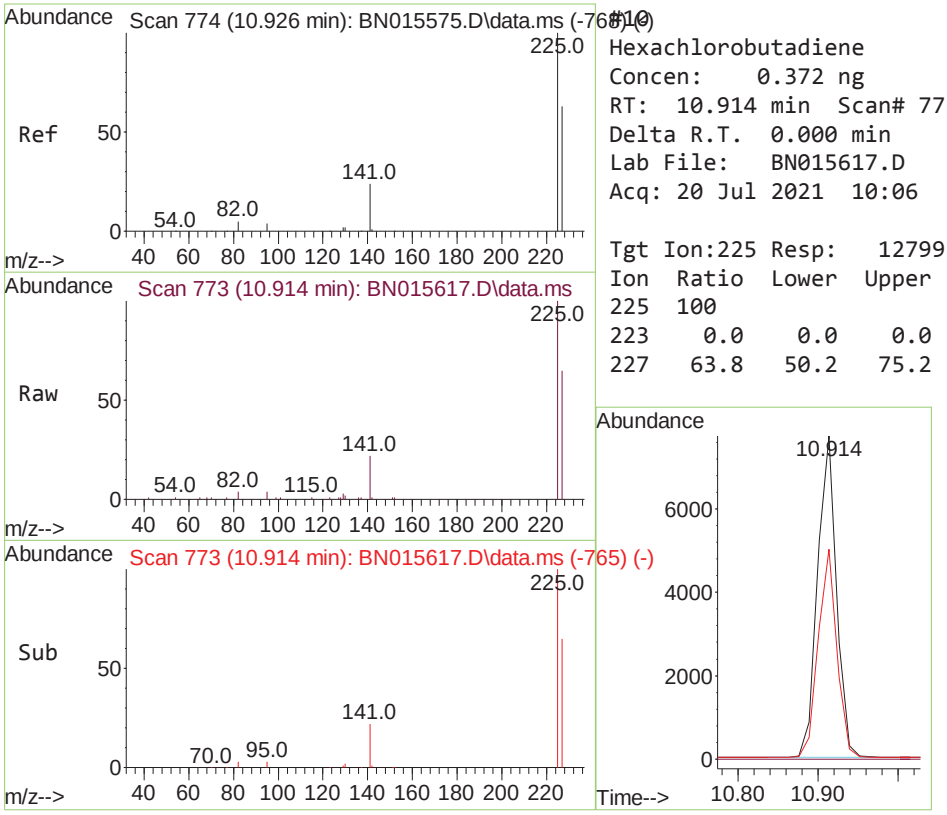
Instrument :
BNA_N
ClientSampleId :



#9
Naphthalene
Concen: 0.367 ng
RT: 10.622 min Scan# 750
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:128 Resp: 67607

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	12.7	11.8	17.6

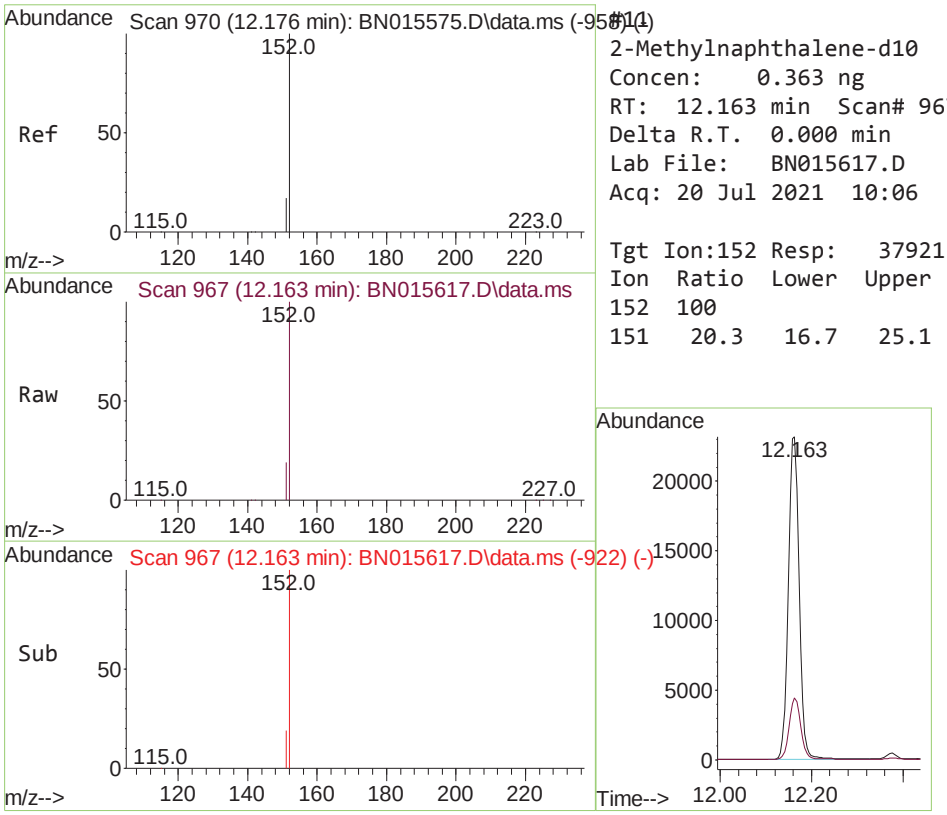


#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 10.914 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:225 Resp: 12799

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.2	75.2

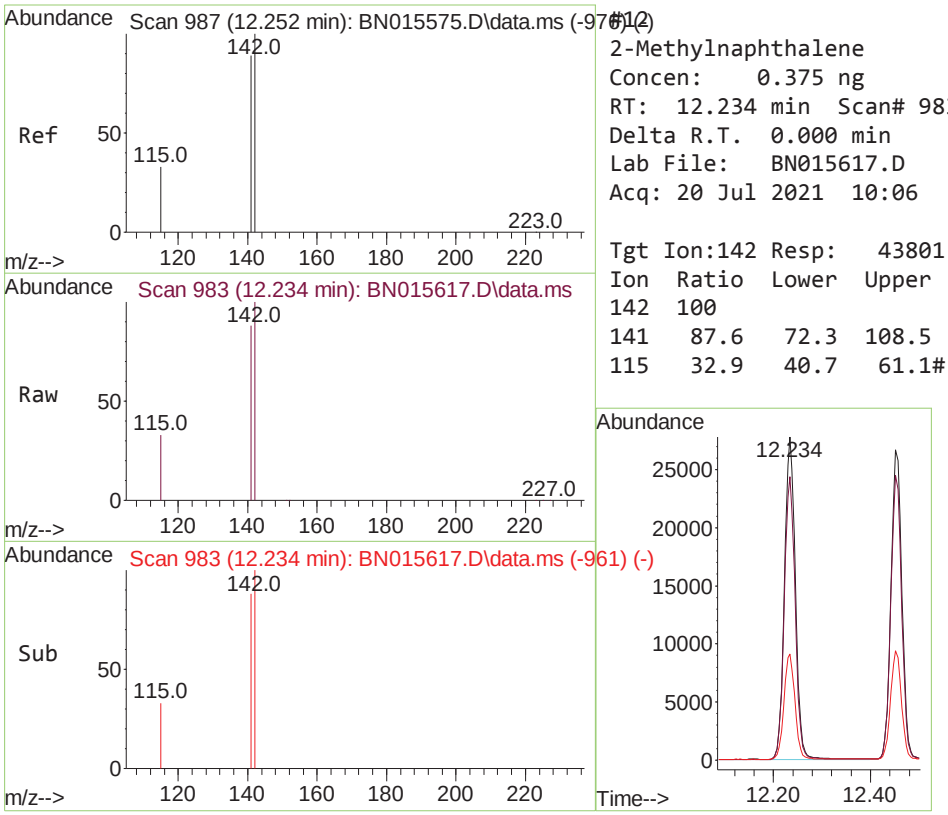
Instrument :
BNA_N
ClientSampleId :



#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.163 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:152 Resp: 37921

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1

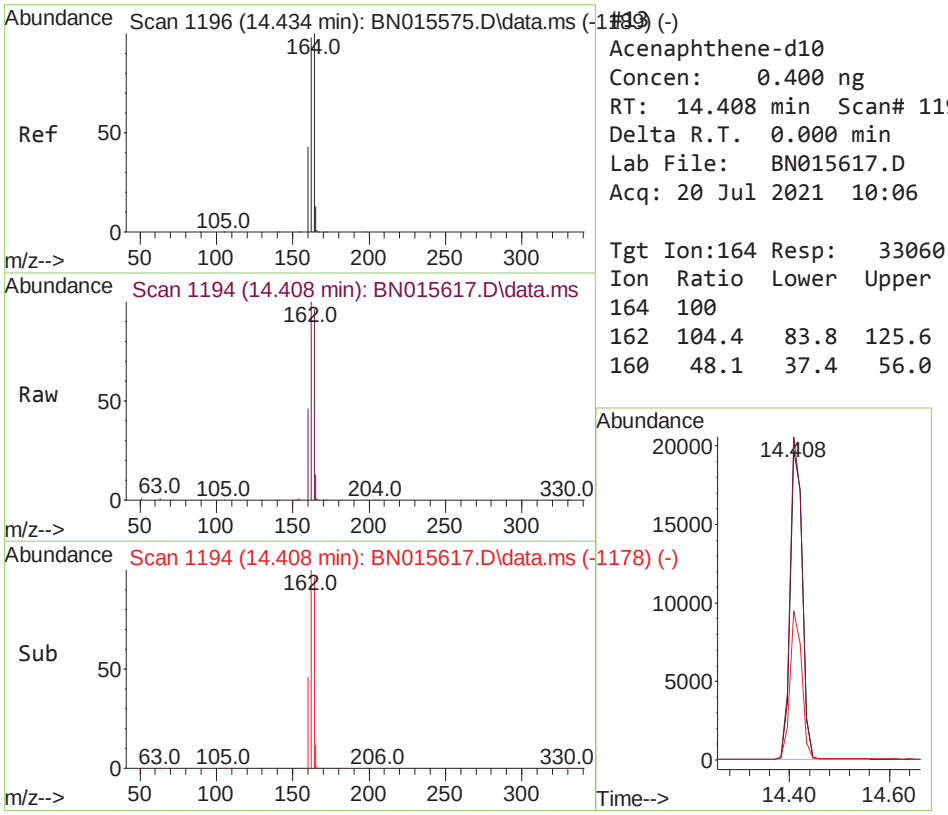


#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.234 min Scan# 983
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:142 Resp: 43801

Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.3	108.5
115	32.9	40.7	61.1#

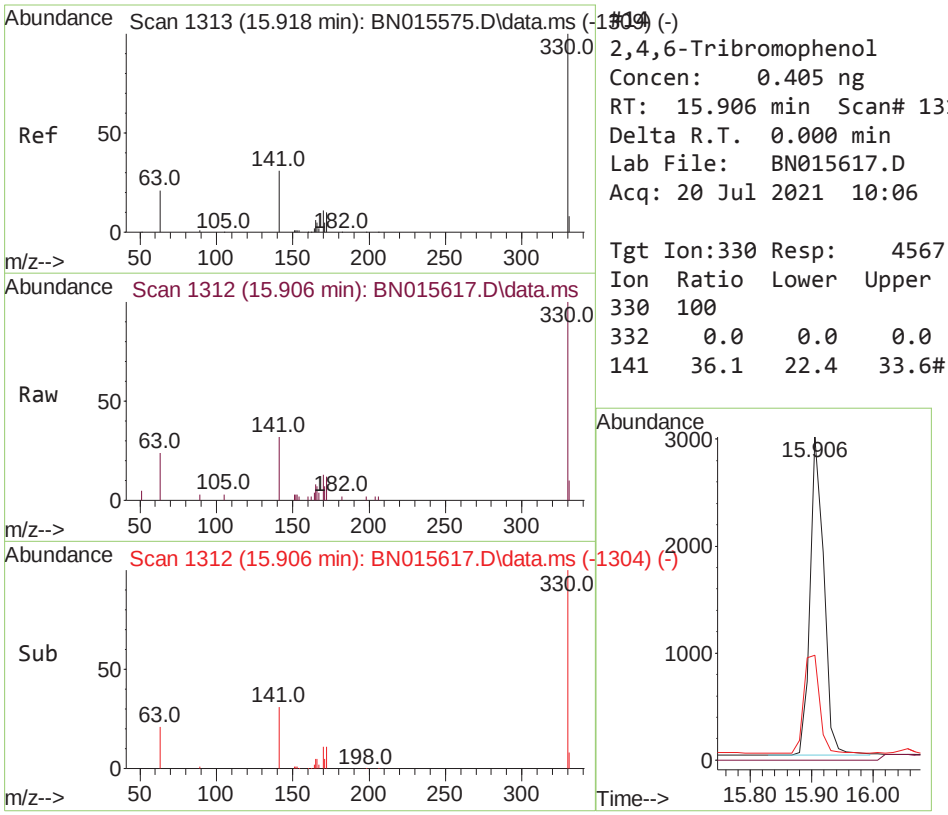
Instrument :
BNA_N
ClientSampleId :



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.408 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:164 Resp: 33060

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.8	125.6
160	48.1	37.4	56.0

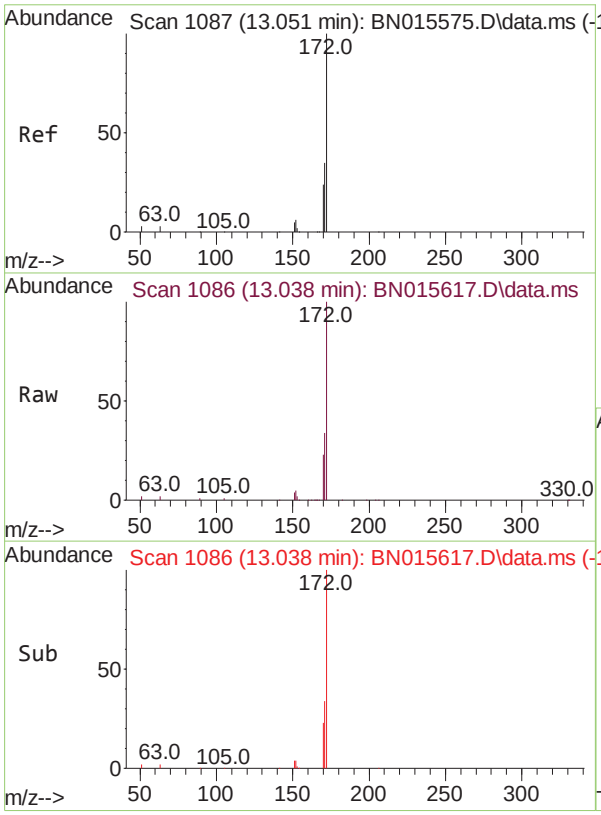


#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 15.906 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:330 Resp: 4567

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.1	22.4	33.6#

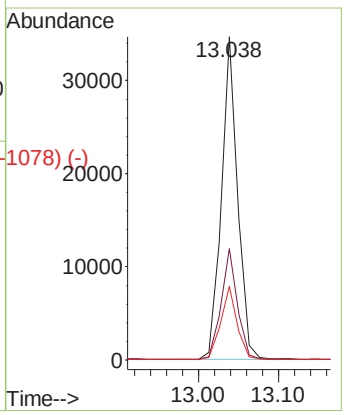
Instrument :
BNA_N
ClientSampleId :

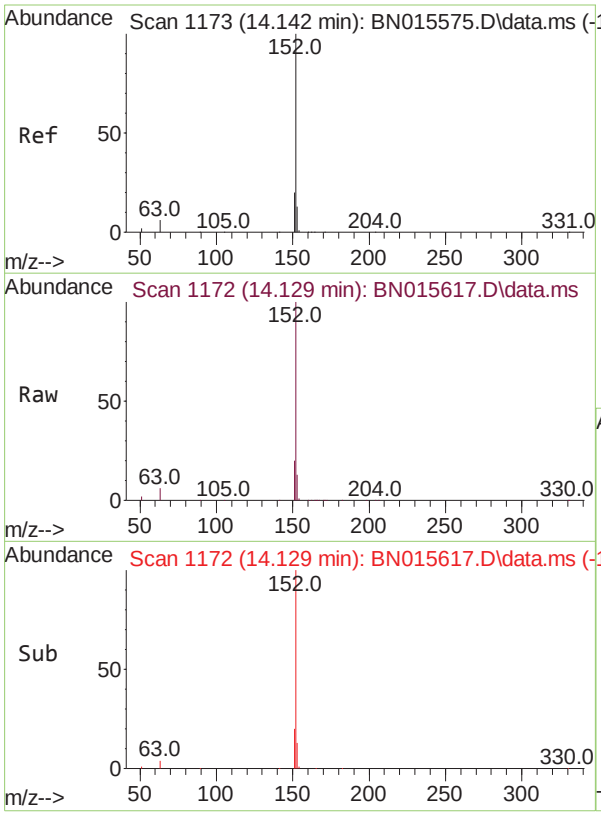


#11
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.038 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:172 Resp: 49364

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.6	45.8
170	22.8	20.2	30.4

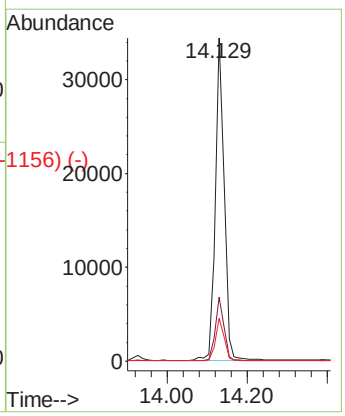




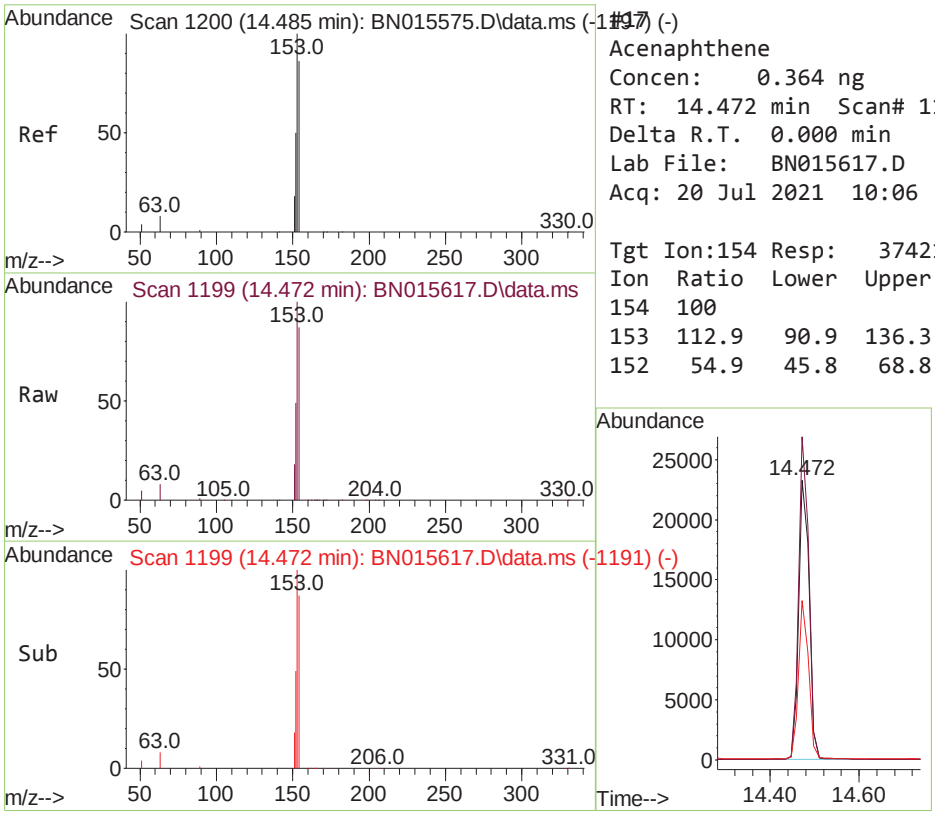
#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.129 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:152 Resp: 52801

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.7	25.1
153	13.0	10.5	15.7



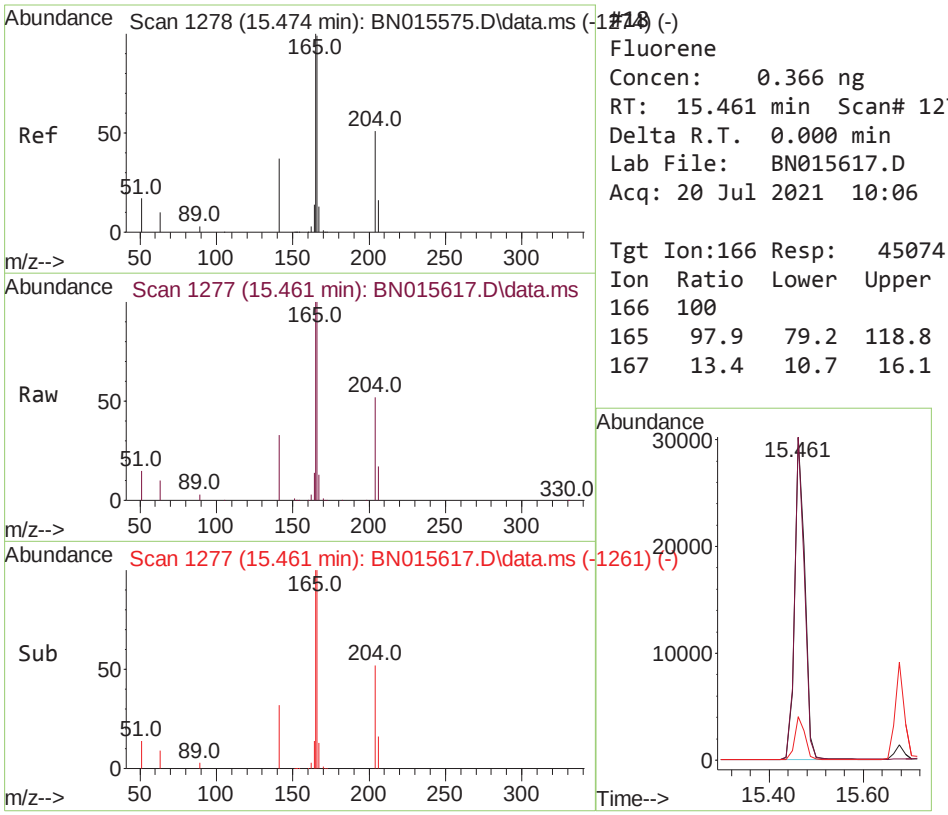
Instrument :
BNA_N
ClientSampleId :



#17
Acenaphthene
Concen: 0.364 ng
RT: 14.472 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:154 Resp: 37421

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.9	136.3
152	54.9	45.8	68.8

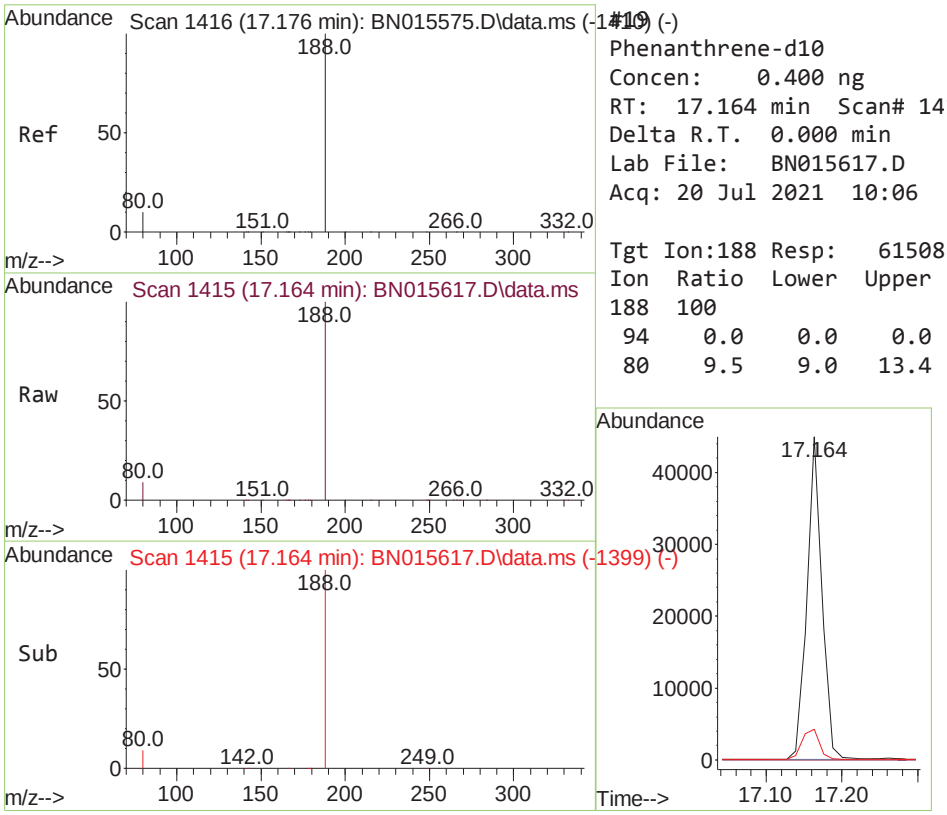


#18
Fluorene
Concen: 0.366 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:166 Resp: 45074

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.2	118.8
167	13.4	10.7	16.1

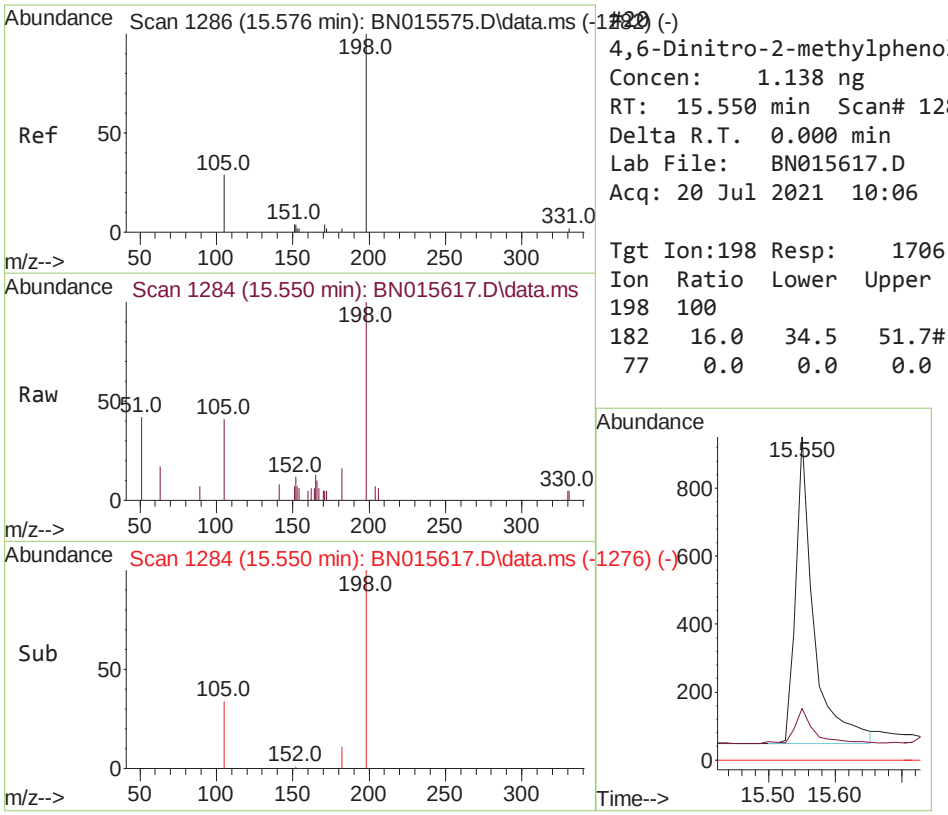
Instrument :
BNA_N
ClientSampleId :



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:188 Resp: 61508

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	9.0	13.4

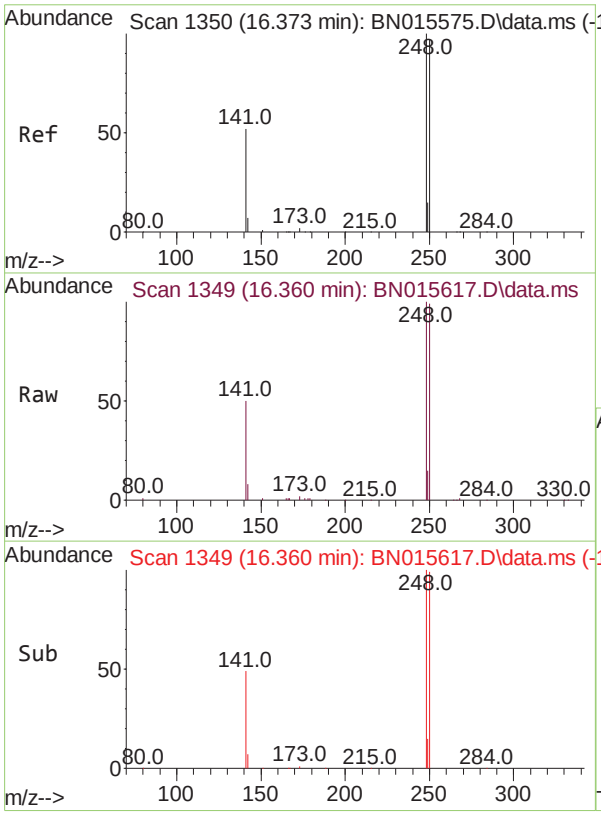


#22
4,6-Dinitro-2-methylphenol
Concen: 1.138 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:198 Resp: 1706

Ion	Ratio	Lower	Upper
198	100		
182	16.0	34.5	51.7#
77	0.0	0.0	0.0

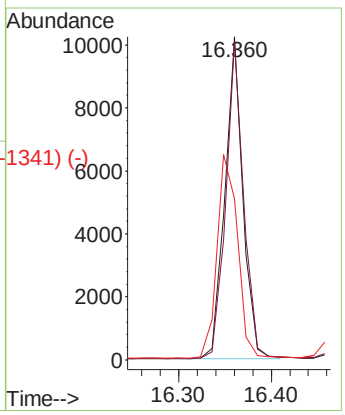
Instrument :
BNA_N
ClientSampleId :

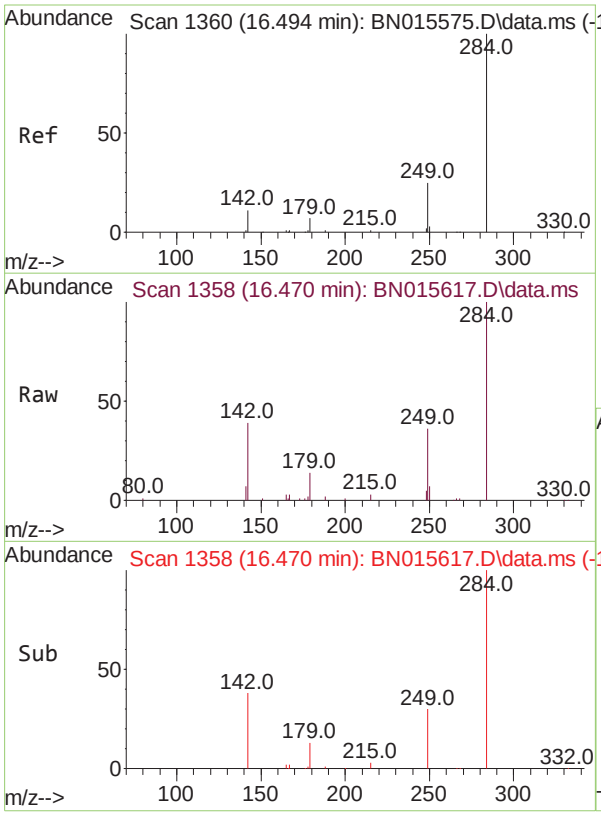


#21
4-Bromophenyl-phenylether
Concen: 0.351 ng
RT: 16.360 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:248 Resp: 13709

Ion	Ratio	Lower	Upper
248	100		
250	98.7	86.2	129.4
141	49.8	36.2	54.2

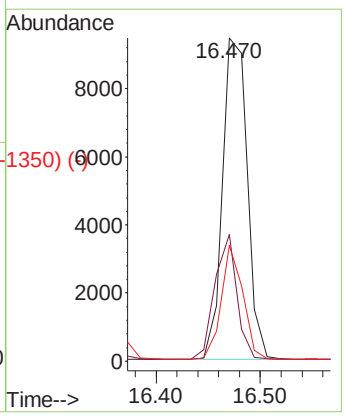




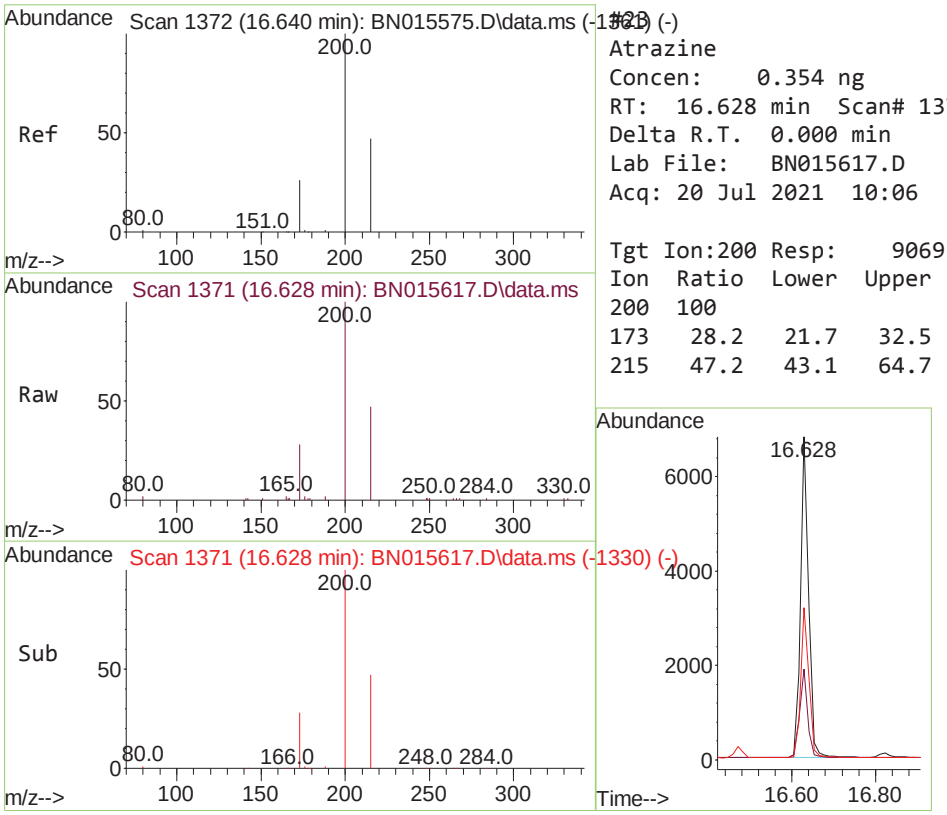
#22
Hexachlorobenzene
Concen: 0.359 ng
RT: 16.470 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:284 Resp: 15779

Ion	Ratio	Lower	Upper
284	100		
142	34.1	22.2	33.2#
249	30.7	26.6	39.8



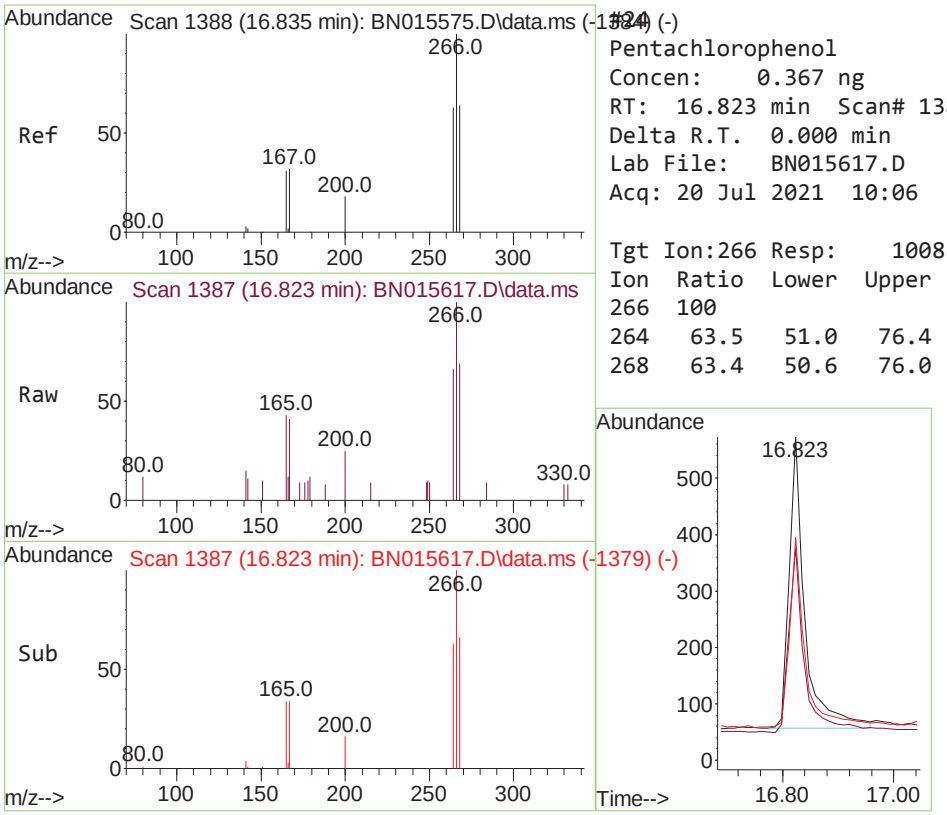
Instrument :
BNA_N
ClientSampleId :



#23
Atrazine
Concen: 0.354 ng
RT: 16.628 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:200 Resp: 9069

Ion	Ratio	Lower	Upper
200	100		
173	28.2	21.7	32.5
215	47.2	43.1	64.7

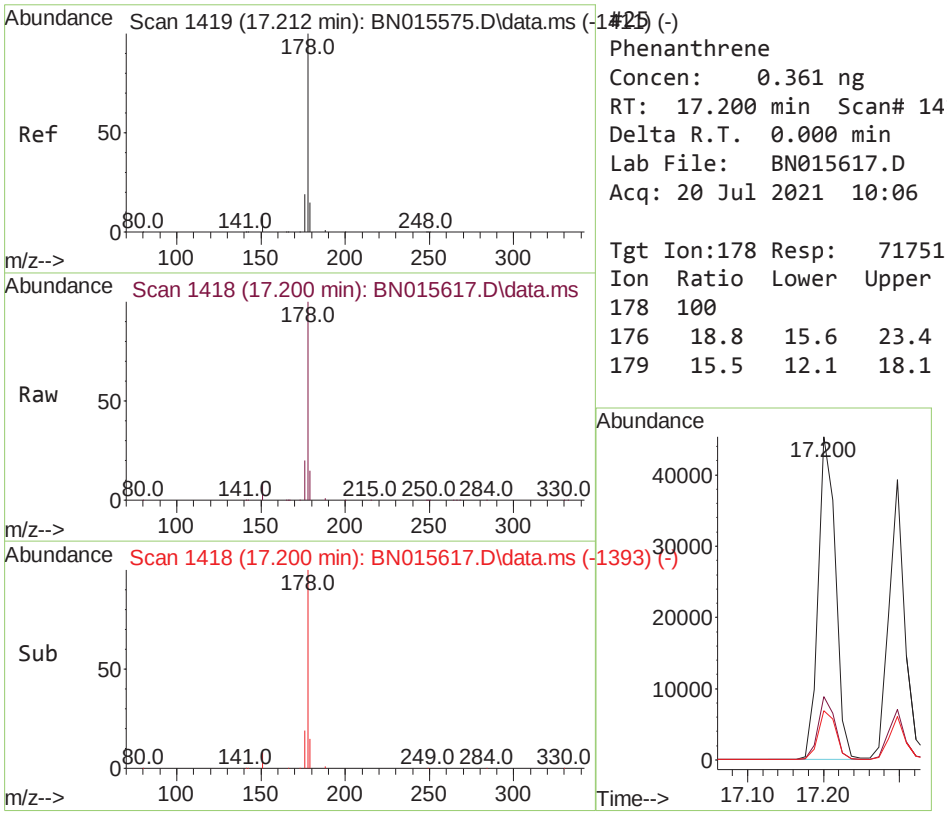


#24
Pentachlorophenol
Concen: 0.367 ng
RT: 16.823 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:266 Resp: 1008

Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.0	76.4
268	63.4	50.6	76.0

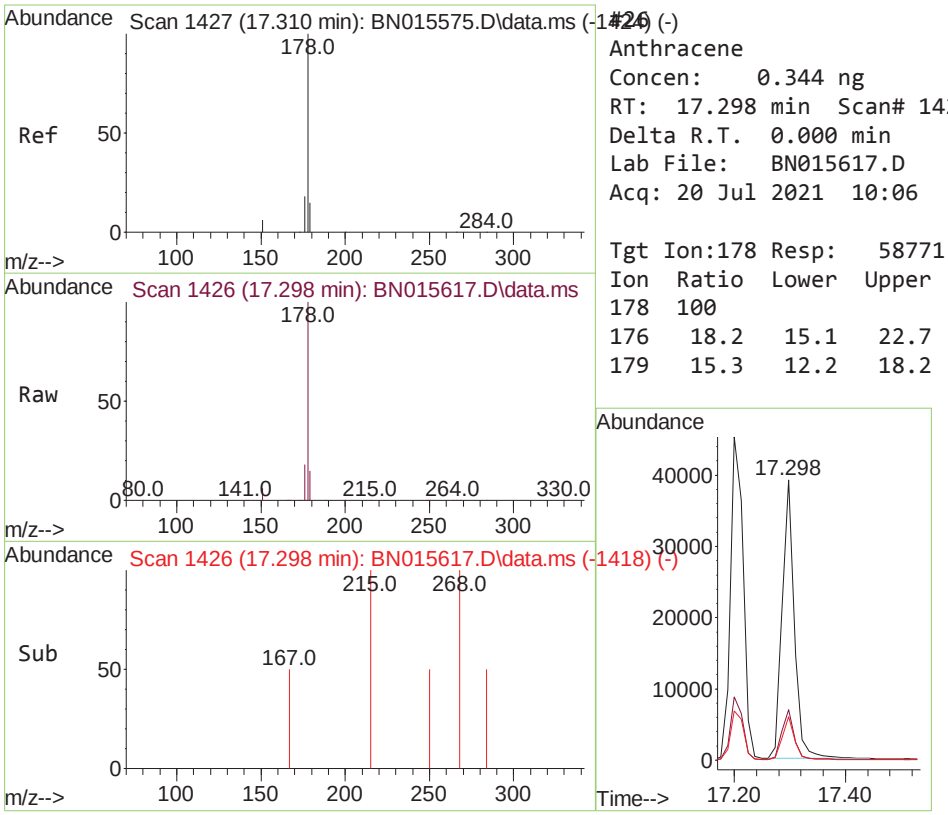
Instrument :
BNA_N
ClientSampleId :



#25
Phenanthrene
Concen: 0.361 ng
RT: 17.200 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:178 Resp: 71751

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.5	12.1	18.1

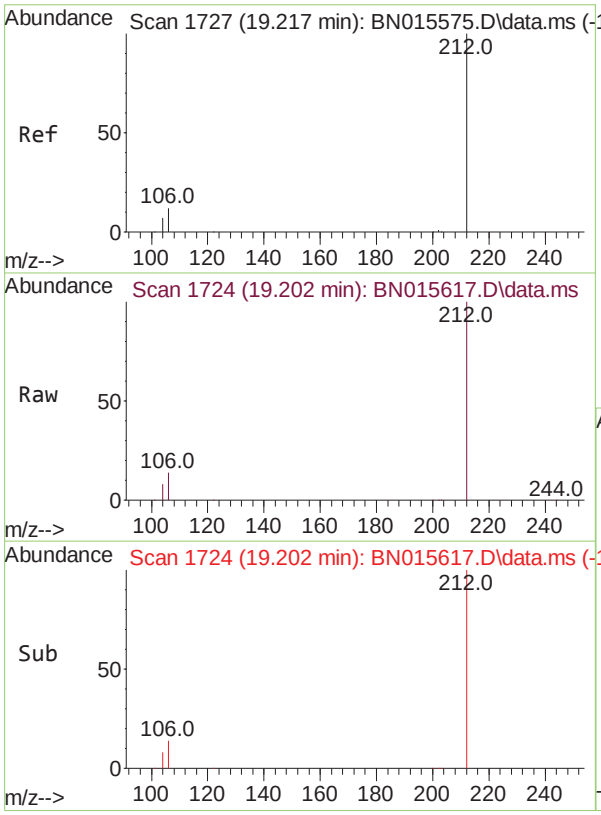


#26
Anthracene
Concen: 0.344 ng
RT: 17.298 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:178 Resp: 58771

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.3	12.2	18.2

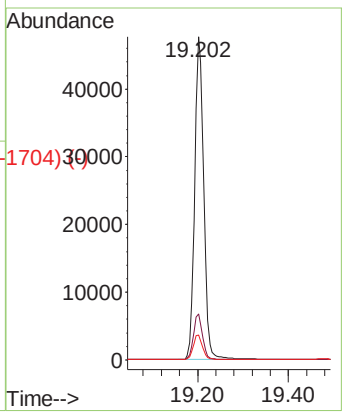
Instrument :
BNA_N
ClientSampleId :

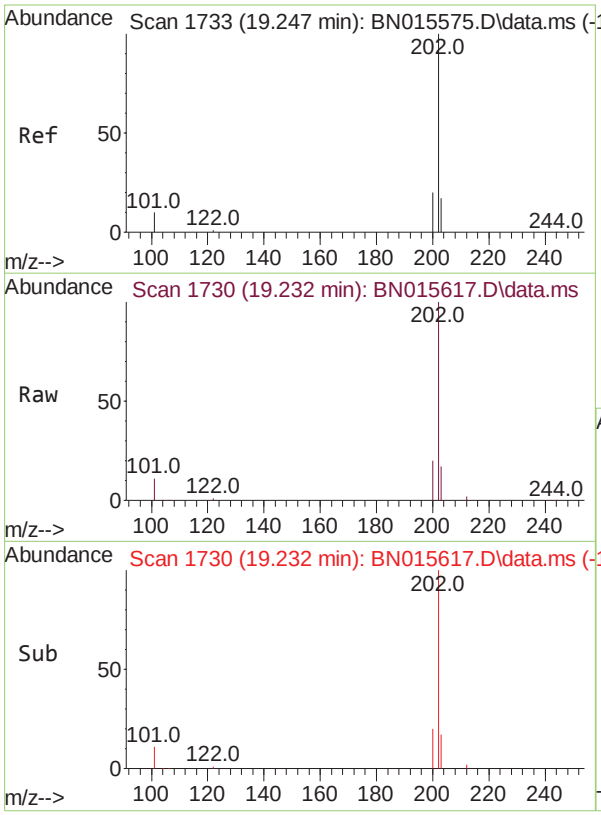


#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.202 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:212 Resp: 65288

Ion	Ratio	Lower	Upper
212	100		
106	14.2	7.0	10.6#
104	7.8	4.1	6.1#

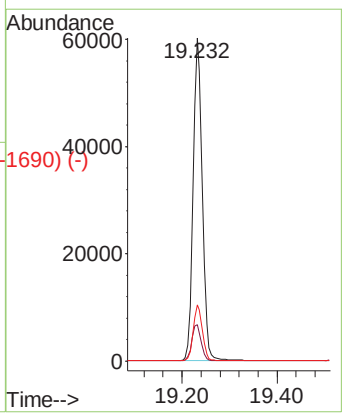




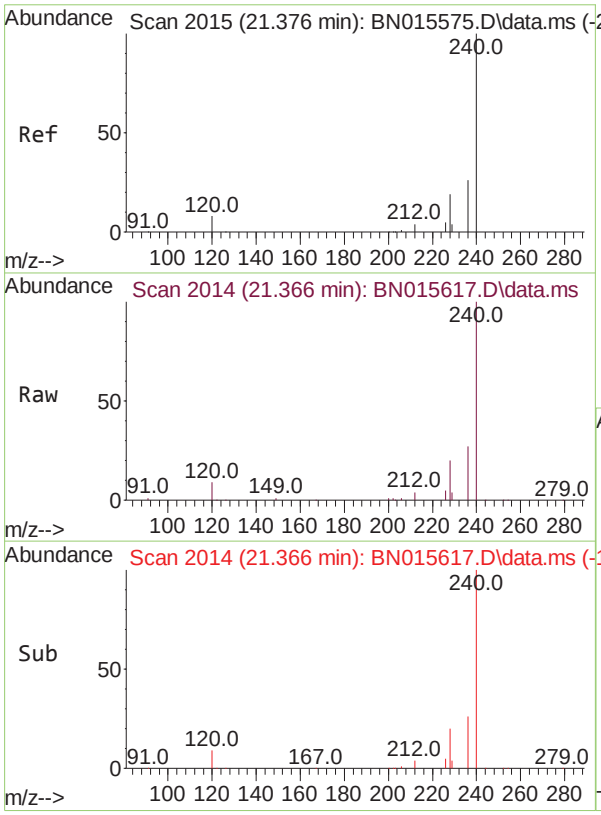
#28
Fluoranthene
Concen: 0.371 ng
RT: 19.232 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:202 Resp: 79973

Ion	Ratio	Lower	Upper
202	100		
101	11.8	6.6	10.0#
203	17.3	13.9	20.9



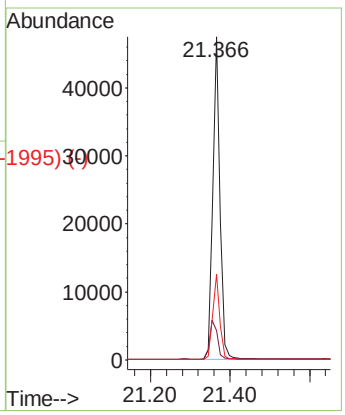
Instrument :
BNA_N
ClientSampleId :

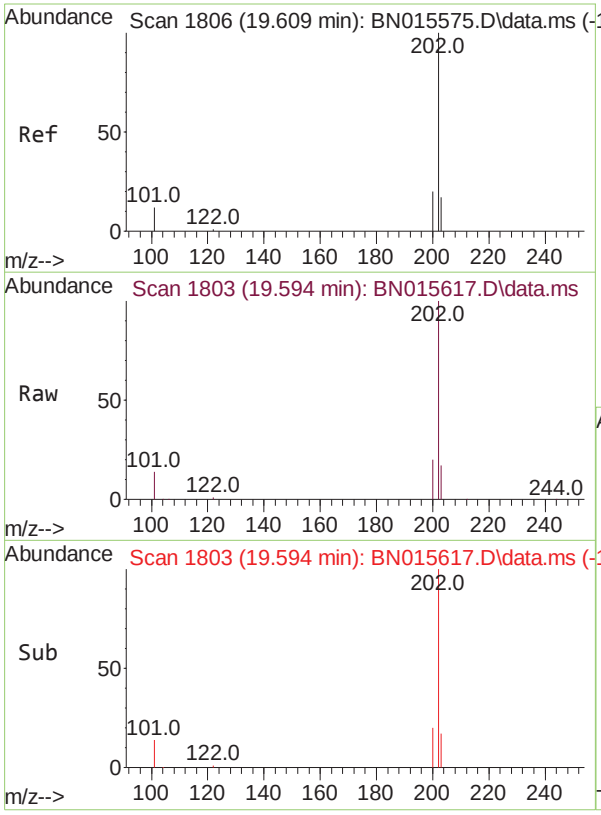


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:240 Resp: 59745

Ion	Ratio	Lower	Upper
240	100		
120	9.1	4.2	6.4#
236	26.5	21.4	32.2

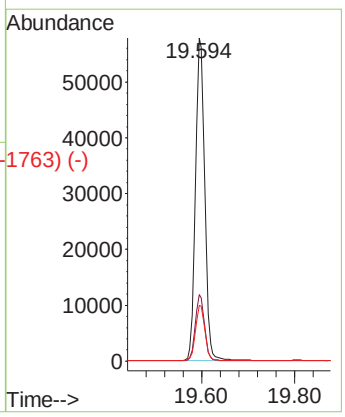




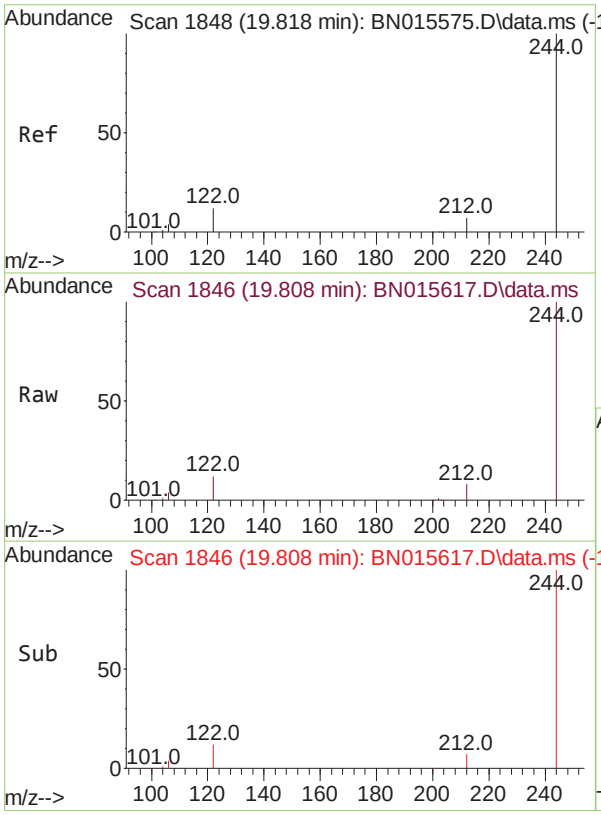
#30
Pyrene
Concen: 0.345 ng
RT: 19.594 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:202 Resp: 79149

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	17.4	13.9	20.9



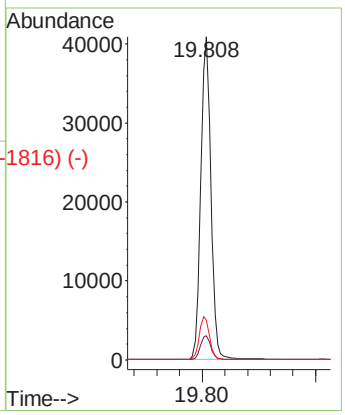
Instrument :
BNA_N
ClientSampleId :

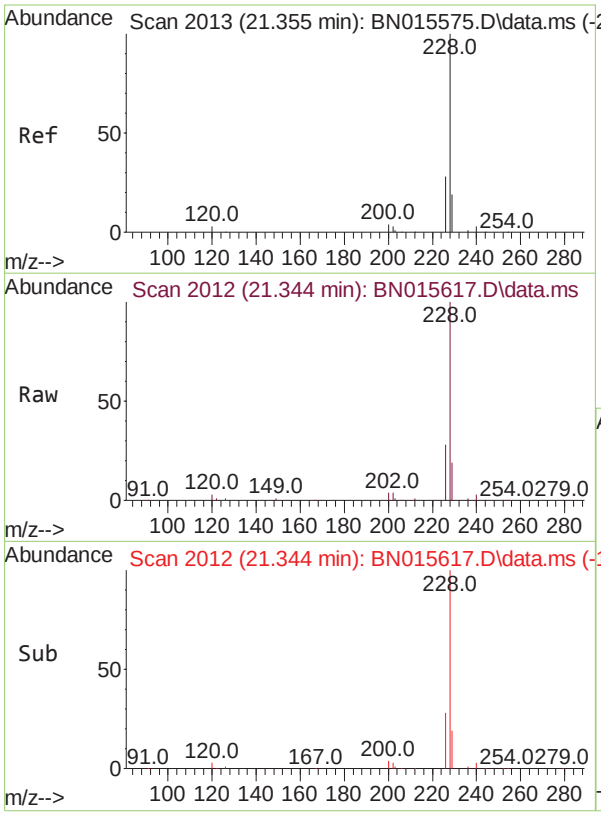


#30
Terphenyl-d14
Concen: 0.352 ng
RT: 19.808 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:244 Resp: 49923

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	12.2	6.2	9.2#

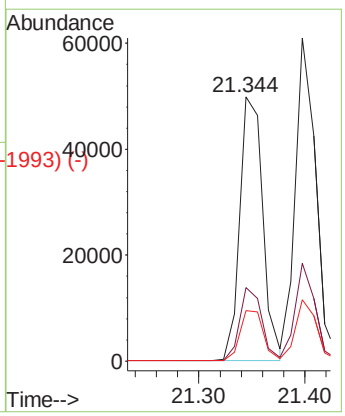




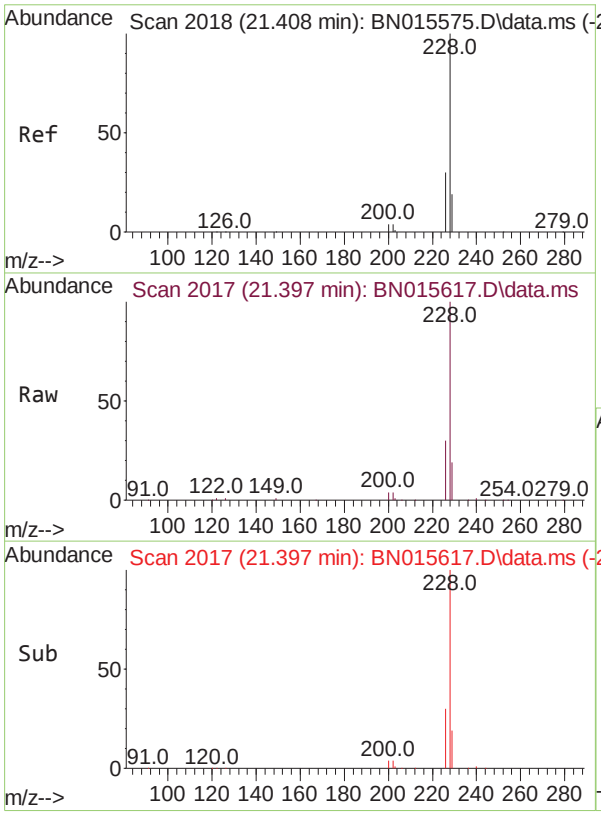
#32
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:228 Resp: 74693

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.0	34.6
229	19.1	15.7	23.5



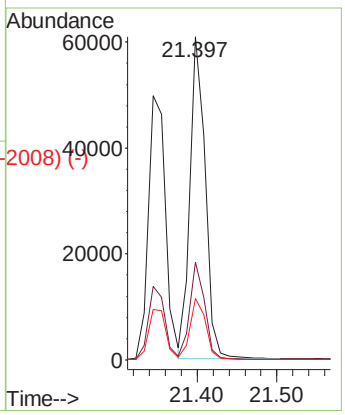
Instrument :
BNA_N
ClientSampleId :

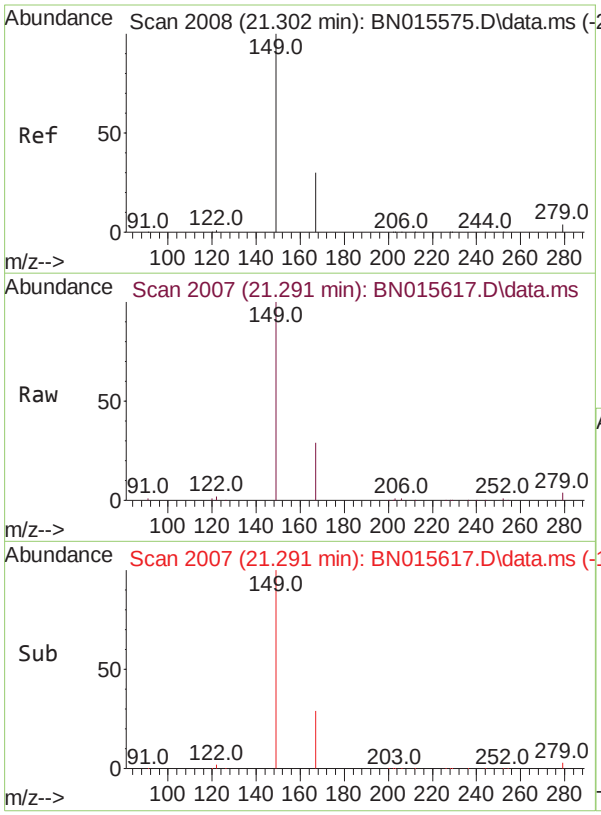


#33
Chrysene
Concen: 0.366 ng
RT: 21.397 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:228 Resp: 80862

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	18.9	15.9	23.9

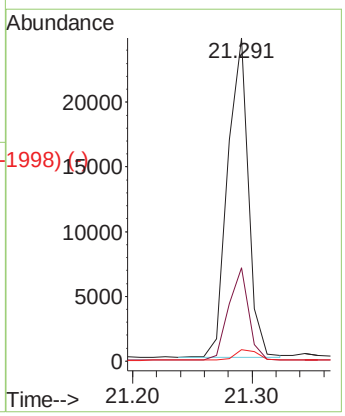




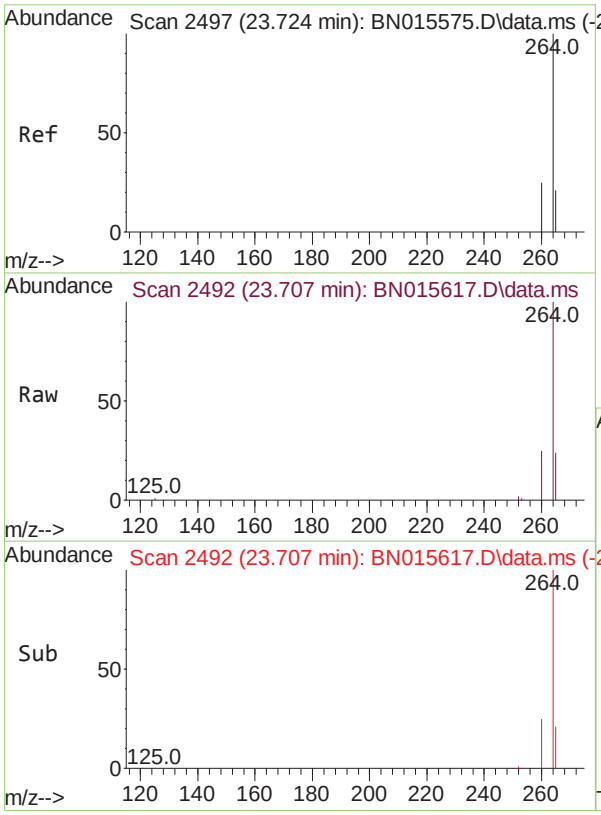
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.335 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:149 Resp: 29926

Ion	Ratio	Lower	Upper
149	100		
167	27.9	28.9	43.3#
279	3.6	4.9	7.3#



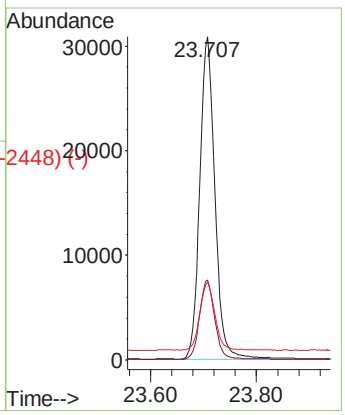
Instrument :
BNA_N
ClientSampleId :

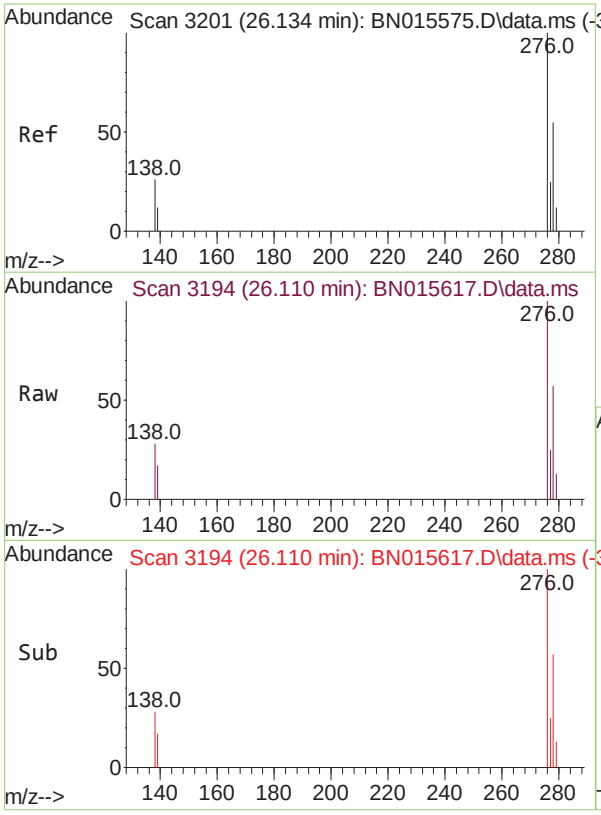


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.707 min Scan# 2492
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:264 Resp: 61046

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	31.0
265	24.1	21.4	32.2

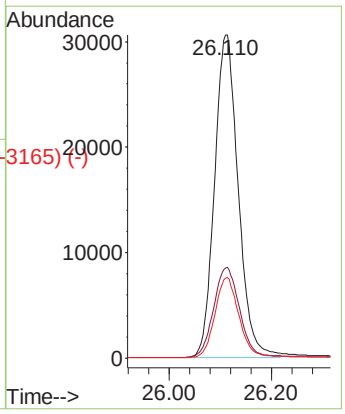




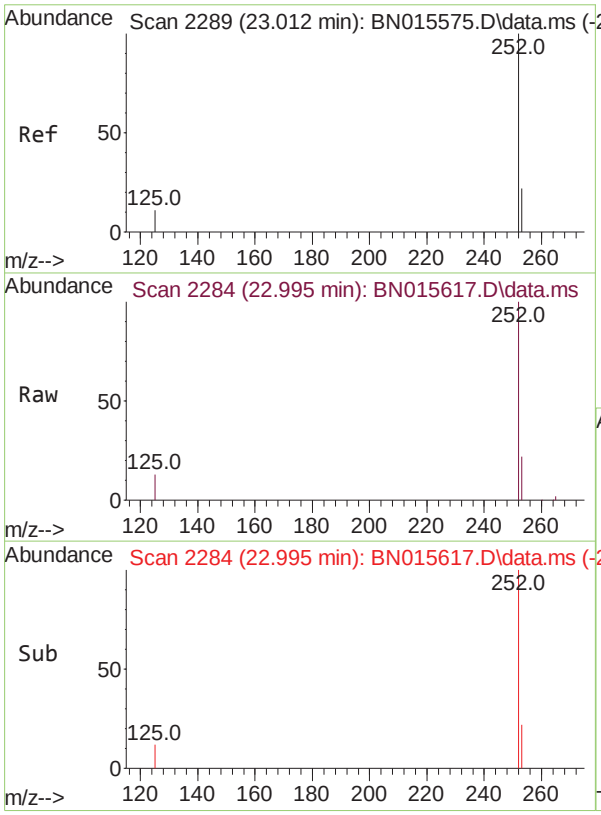
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng
RT: 26.110 min Scan# 3194
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:276 Resp: 98301

Ion	Ratio	Lower	Upper
276	100		
138	30.5	10.0	15.0#
277	25.0	20.4	30.6



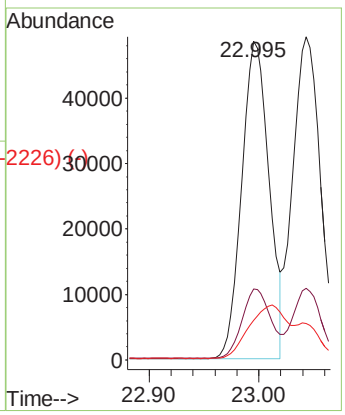
Instrument :
BNA_N
ClientSampleId :

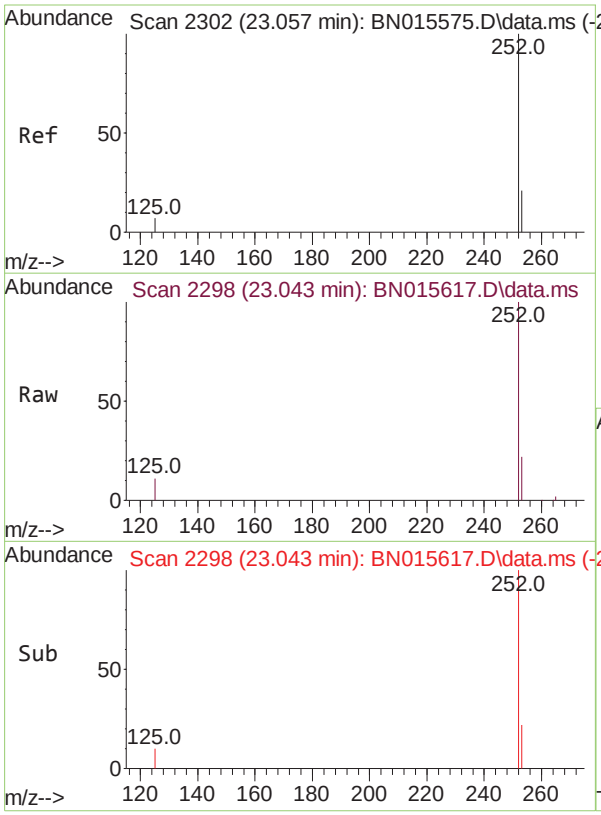


#37
Benzo(b)fluoranthene
Concen: 0.350 ng
RT: 22.995 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:252 Resp: 83896

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	12.5	5.8	8.6#

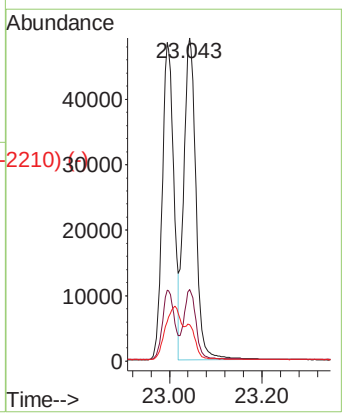




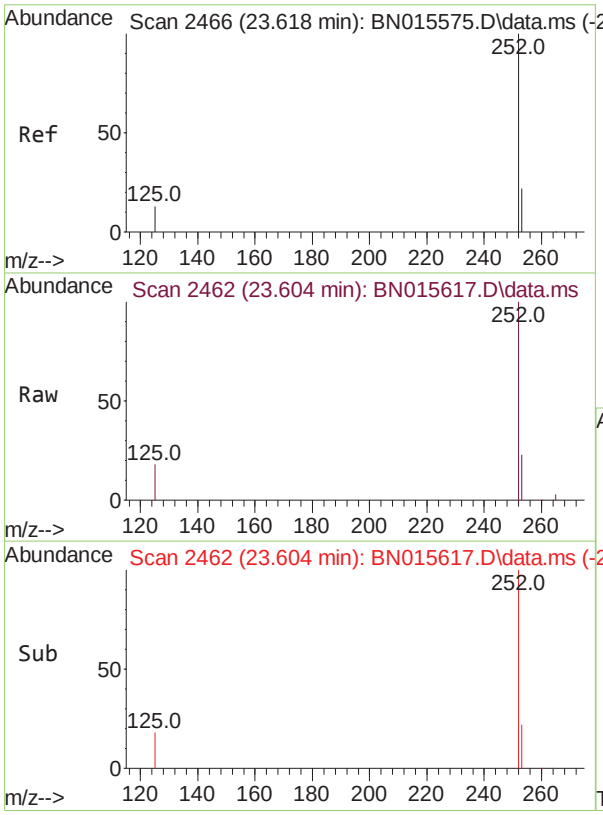
#38
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 23.043 min Scan# 2298
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:252 Resp: 89481

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.1	28.7
125	11.4	5.4	8.0#



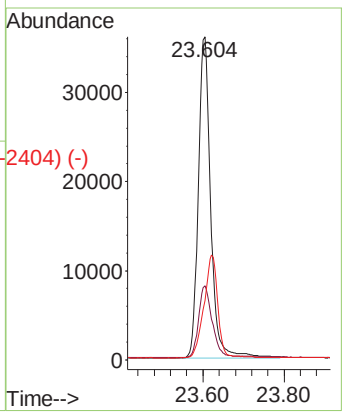
Instrument :
BNA_N
ClientSampleId :

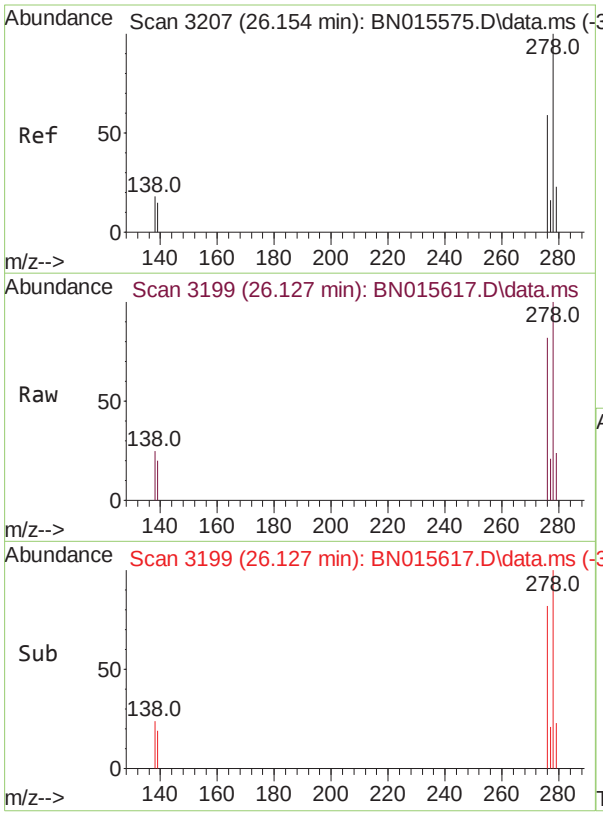


#39
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.604 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:252 Resp: 76632

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.2
125	18.4	7.4	11.2#

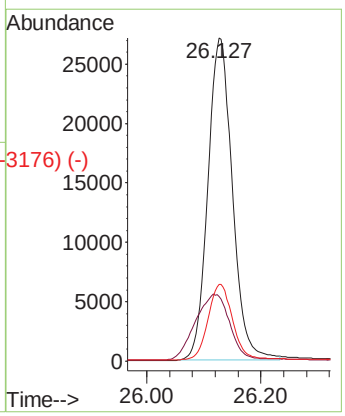


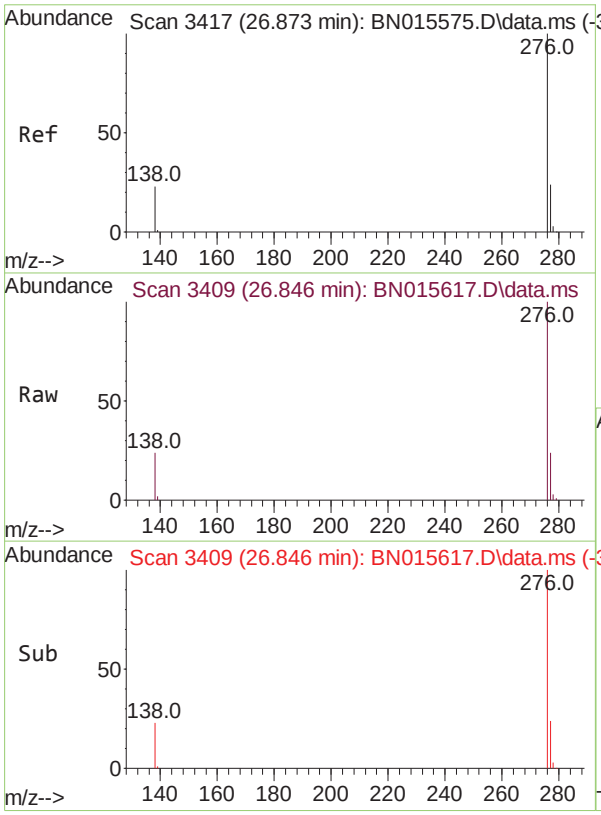


#40
Dibenzo(a,h)anthracene
Concen: 0.473 ng
RT: 26.127 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:278 Resp: 80995

Ion	Ratio	Lower	Upper
278	100		
139	20.0	9.0	13.4#
279	23.8	21.0	31.4

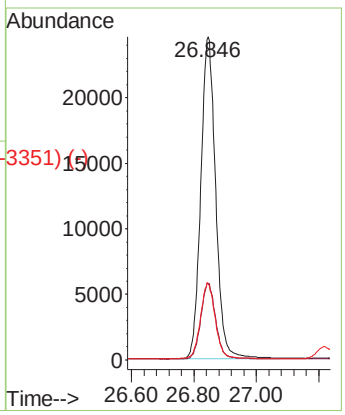




#40
Benzo(g,h,i)perylene
Concen: 0.440 ng
RT: 26.846 min Scan# 3409
Delta R.T. 0.000 min
Lab File: BN015617.D
Acq: 20 Jul 2021 10:06

Tgt Ion:276 Resp: 81397

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.7	29.5
138	23.6	9.8	14.6#



Instrument :
BNA_N
ClientSampleId :