Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081221\
Data File : BN015861.D
Acq On : 12 Aug 2021 13:30
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN081221

Quant Time: Aug 12 14:08:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 12:21:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	8578	0.400	ng		0.00
7) Naphthalene-d8	10.723	136	42306	0.400	ng	#	0.00
13) Acenaphthene-d10	14.560	164	24804	0.400	ng		0.01
19) Phenanthrene-d10	17.309	188	50336	0.400	ng	#	0.01
29) Chrysene-d12	21.503	240	57137	0.400	ng	#	0.01
35) Perylene-d12	23.936	264	52953	0.400	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	8404	0.396	ng		0.00
5) Phenol-d6	7.080	99	11437	0.397	ng		0.00
8) Nitrobenzene-d5	9.076	82	13101	0.370	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	26798	0.393	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	3595	0.329	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	36548	0.374	ng		0.01
27) Fluoranthene-d10	19.341	212	58641	0.378	ng		0.00
31) Terphenyl-d14	19.936	244	63238	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	1361	0.403	ng		97
3) n-Nitrosodimethylamine	3.779	42	3461	0.396	ng	#	99
6) bis(2-Chloroethyl)ether	7.347	93	9399	0.411	ng		100
9) Naphthalene	10.774	128	42905	0.393	ng		100
10) Hexachlorobutadiene	11.065	225	11723	0.393	ng	#	100
12) 2-Methylnaphthalene	12.389	142	31204	0.414	ng		100
16) Acenaphthylene	14.281	152	37746	0.377	ng		100
17) Acenaphthene	14.624	154	26288	0.380	ng		99
18) Fluorene	15.601	166	32624	0.378	ng		99
20) 4,6-Dinitro-2-methylph...	15.677	198	1343	0.420	ng		95
21) 4-Bromophenyl-phenylether	16.494	248	9996	0.366	ng	#	89
22) Hexachlorobenzene	16.616	284	13660	0.383	ng		100
23) Atrazine	16.762	200	7979	0.354	ng		98
24) Pentachlorophenol	16.956	266	4110	0.317	ng		100
25) Phenanthrene	17.346	178	52559	0.381	ng		99
26) Anthracene	17.431	178	45743	0.372	ng		100
28) Fluoranthene	19.370	202	64409	0.386	ng		100
30) Pyrene	19.733	202	64079	0.377	ng		100
32) Benzo(a)anthracene	21.482	228	68101	0.378	ng		99
33) Chrysene	21.535	228	69447	0.386	ng		100
34) Bis(2-ethylhexyl)phtha...	21.418	149	24951	0.334	ng		100
36) Indeno(1,2,3-cd)pyrene	26.448	276	65180	0.368	ng		100
37) Benzo(b)fluoranthene	23.193	252	69046	0.378	ng		100
38) Benzo(k)fluoranthene	23.241	252	67077	0.391	ng		100
39) Benzo(a)pyrene	23.826	252	58618	0.373	ng		100
40) Dibenzo(a,h)anthracene	26.469	278	53897	0.371	ng		99
41) Benzo(g,h,i)perylene	27.225	276	56042	0.366	ng		99

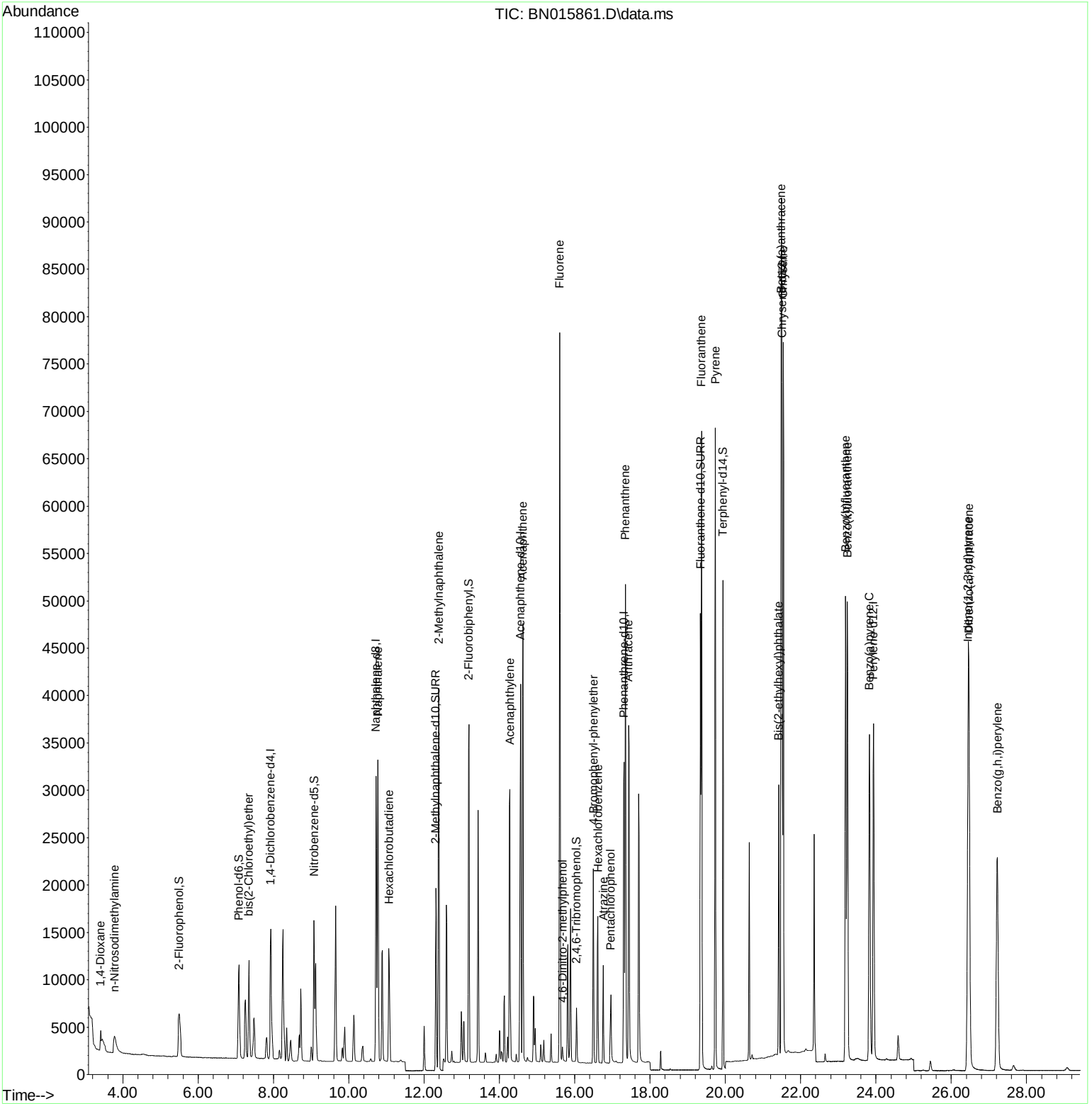
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

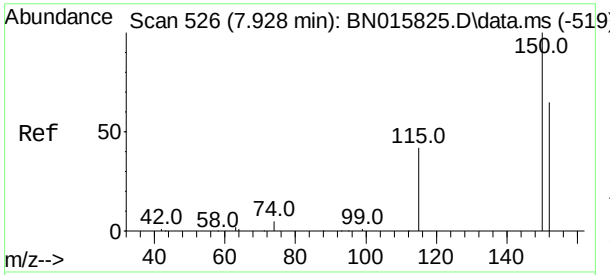
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081221\
Data File : BN015861.D
Acq On : 12 Aug 2021 13:30
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN081221

Quant Time: Aug 12 14:08:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 12:21:27 2021
Response via : Initial Calibration



Instrument :
BNA_N
ClientSampleId :
ICVBN081221

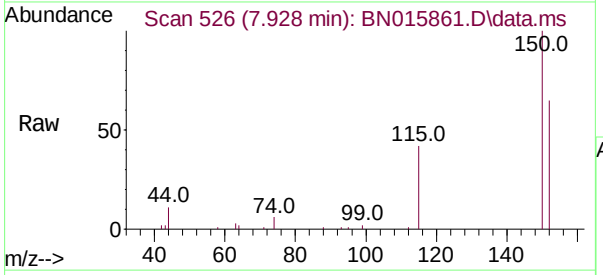


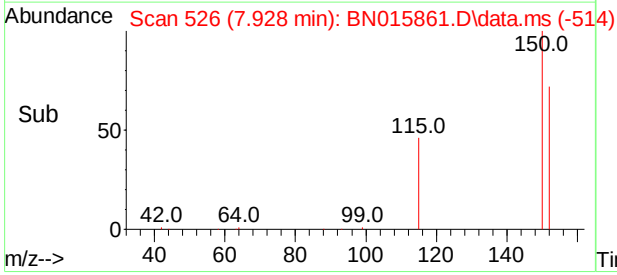
#1

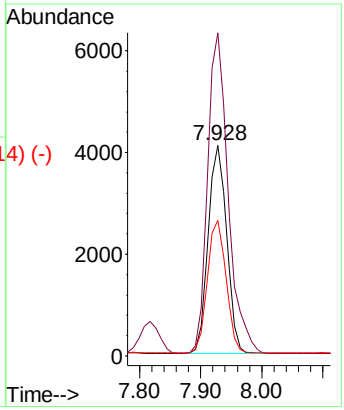
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.928 min Scan# 526
Delta R.T. 0.009 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

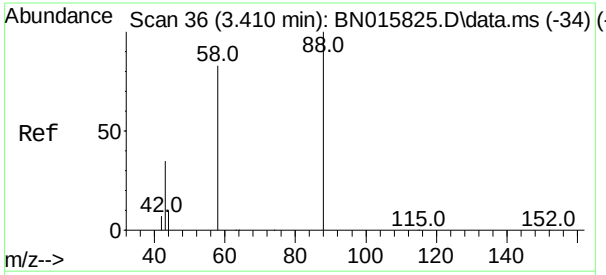
Tgt Ion:152 Resp: 8578

Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.8	188.8
115	64.5	53.6	80.4







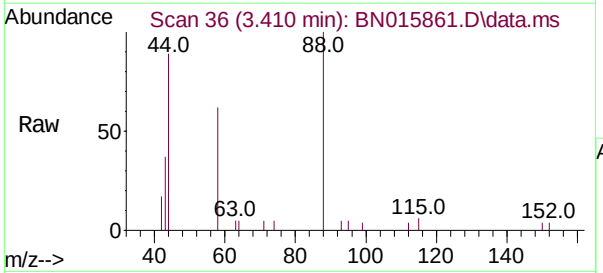


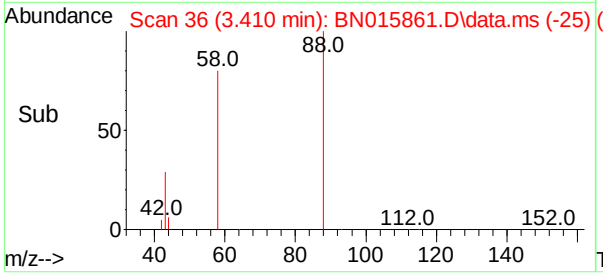
#2

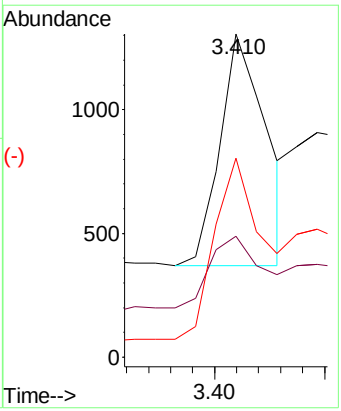
1,4-Dioxane
Concen: 0.403 ng
RT: 3.410 min Scan# 36
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion: 88 Resp: 1361

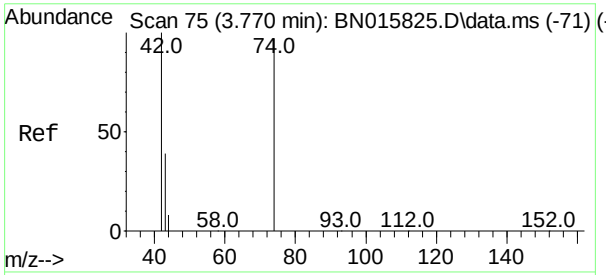
Ion	Ratio	Lower	Upper
88	100		
43	35.6	29.4	44.2
58	83.3	69.3	103.9







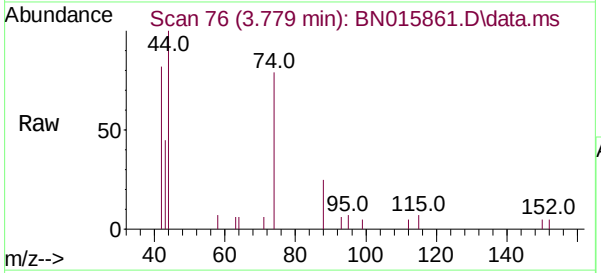
Instrument :
BNA_N
ClientSampleId :
ICVBN081221

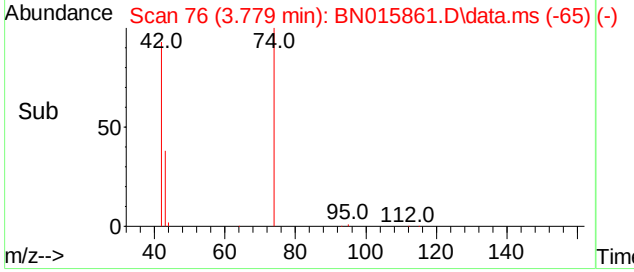


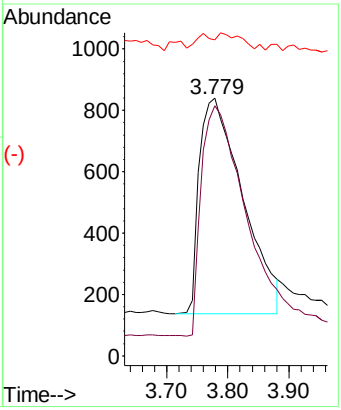
#3
n-Nitrosodimethylamine
Concen: 0.396 ng
RT: 3.779 min Scan# 76
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

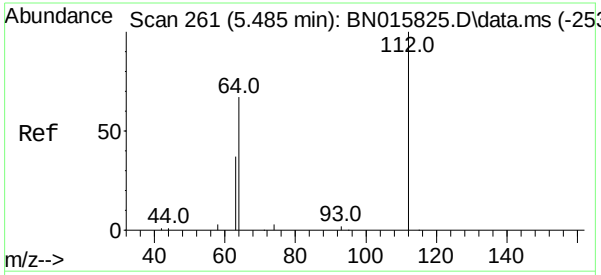
Tgt Ion: 42 Resp: 3461

Ion	Ratio	Lower	Upper
42	100		
74	108.5	86.1	129.1
44	3.6	3.8	5.8#





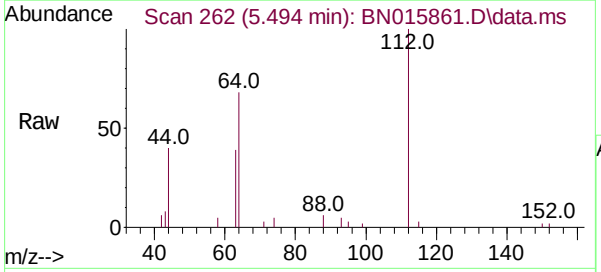


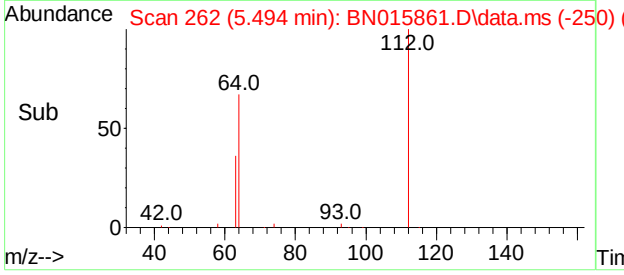


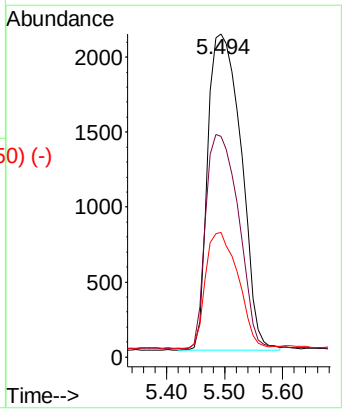
#4
2-Fluorophenol
Concen: 0.396 ng
RT: 5.494 min Scan# 262
Delta R.T. 0.009 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:112 Resp: 8404

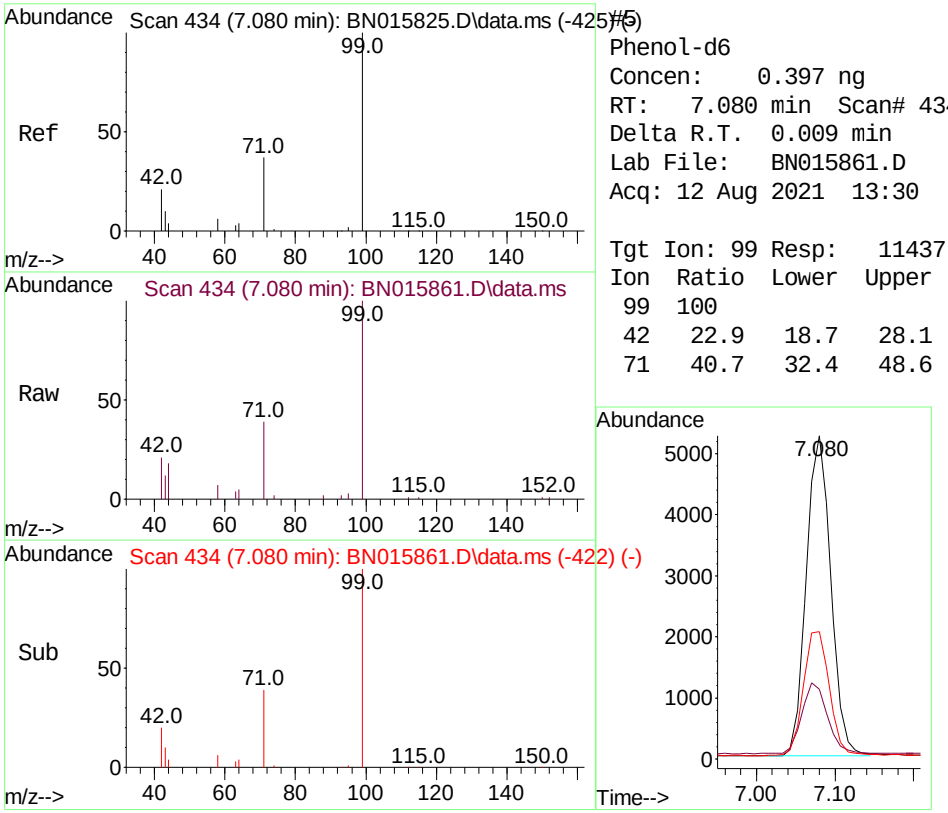
Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.3	79.9
63	35.6	28.6	42.8







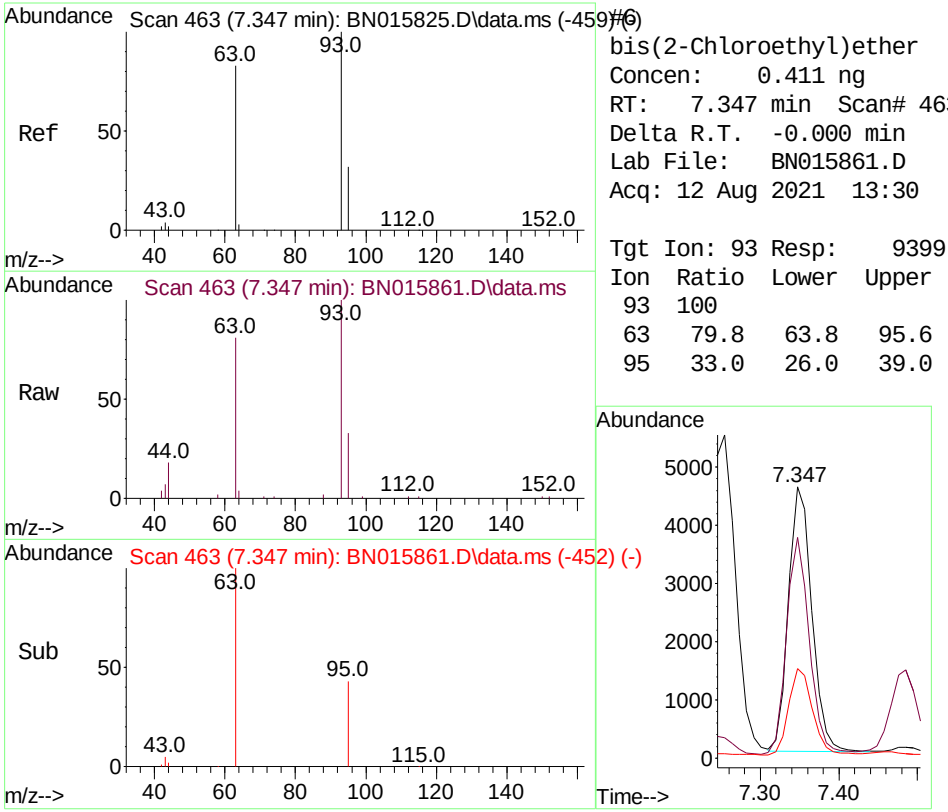
Instrument :
BNA_N
ClientSampleId :
ICVBN081221



#5
Phenol-d6
Concen: 0.397 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.009 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion: 99 Resp: 11437

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.7	28.1
71	40.7	32.4	48.6

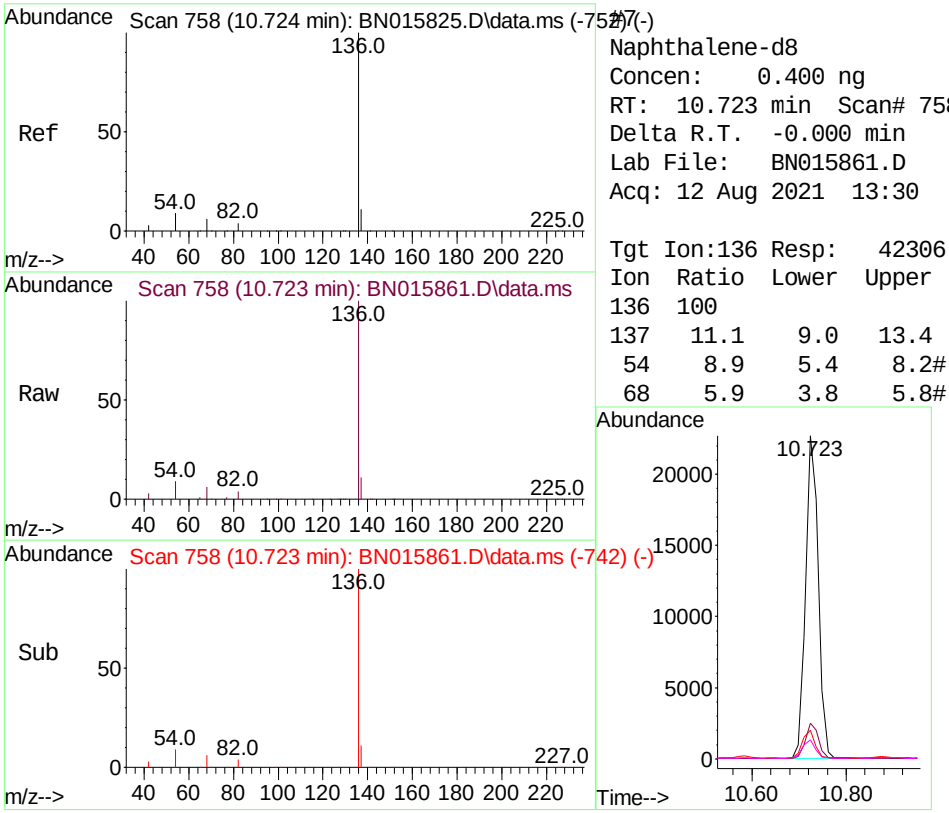


#6
bis(2-Chloroethyl)ether
Concen: 0.411 ng
RT: 7.347 min Scan# 463
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion: 93 Resp: 9399

Ion	Ratio	Lower	Upper
93	100		
63	79.8	63.8	95.6
95	33.0	26.0	39.0

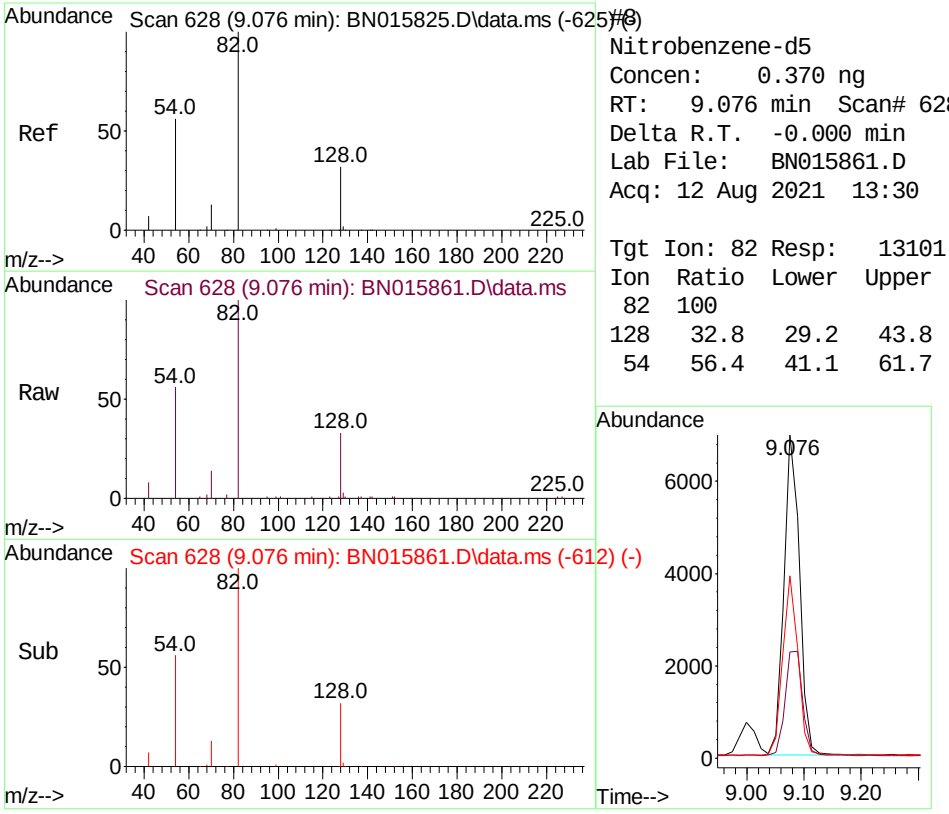
Instrument :
BNA_N
ClientSampleId :
ICVBN081221



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.723 min Scan# 758
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:136 Resp: 42306

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.9	5.4	8.2#
68	5.9	3.8	5.8#

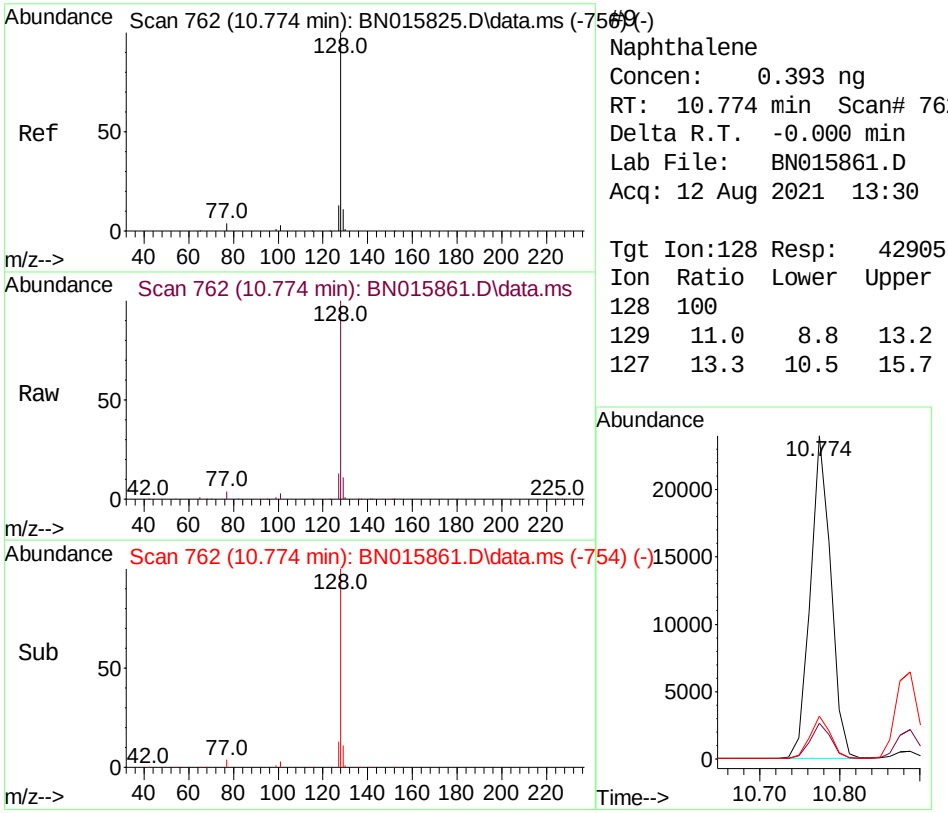


#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 9.076 min Scan# 628
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion: 82 Resp: 13101

Ion	Ratio	Lower	Upper
82	100		
128	32.8	29.2	43.8
54	56.4	41.1	61.7

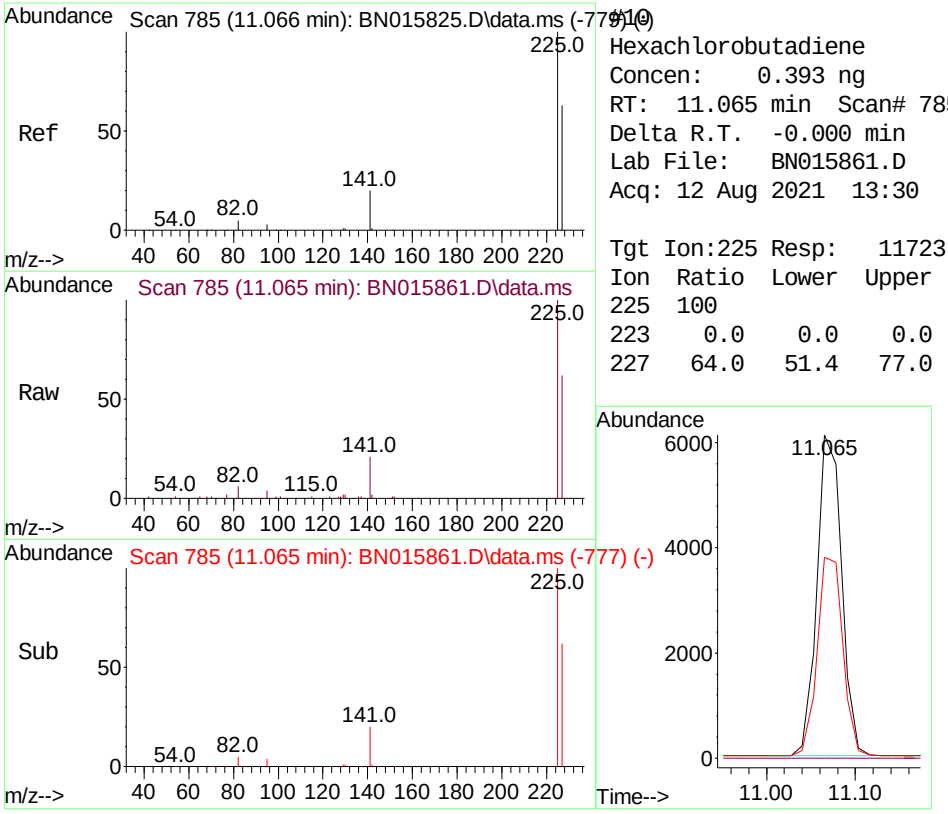
Instrument :
BNA_N
ClientSampleId :
ICVBN081221



#9
Naphthalene
Concen: 0.393 ng
RT: 10.774 min Scan# 762
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:128 Resp: 42905

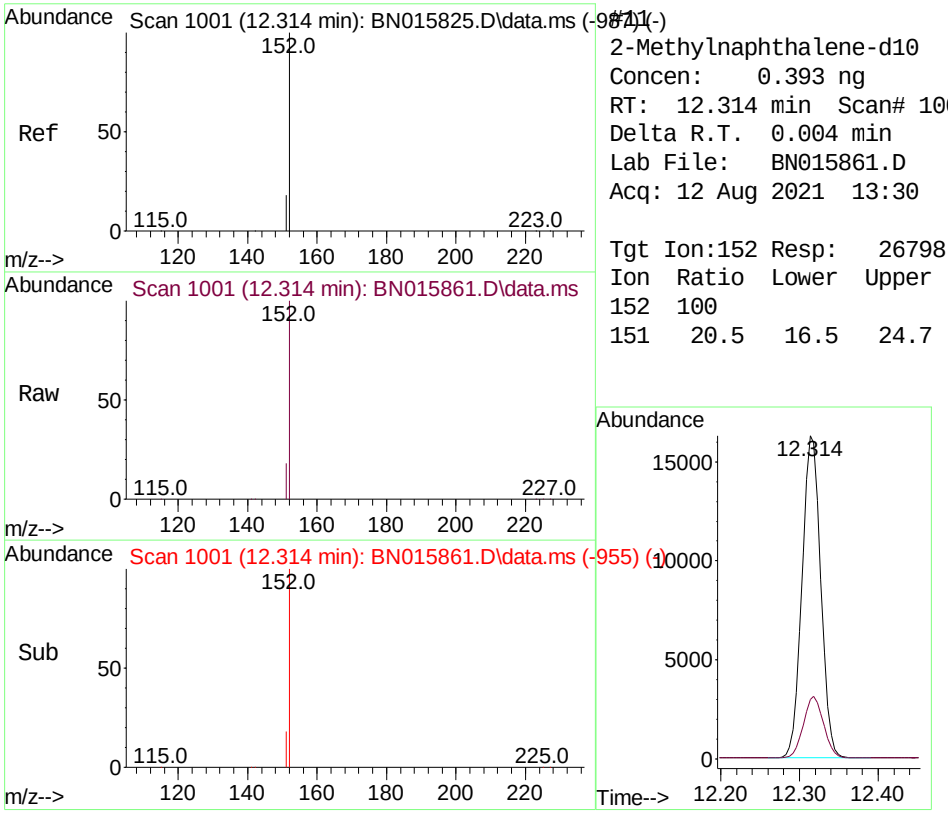
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.5	15.7



#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 11.065 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:225 Resp: 11723

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.4	77.0

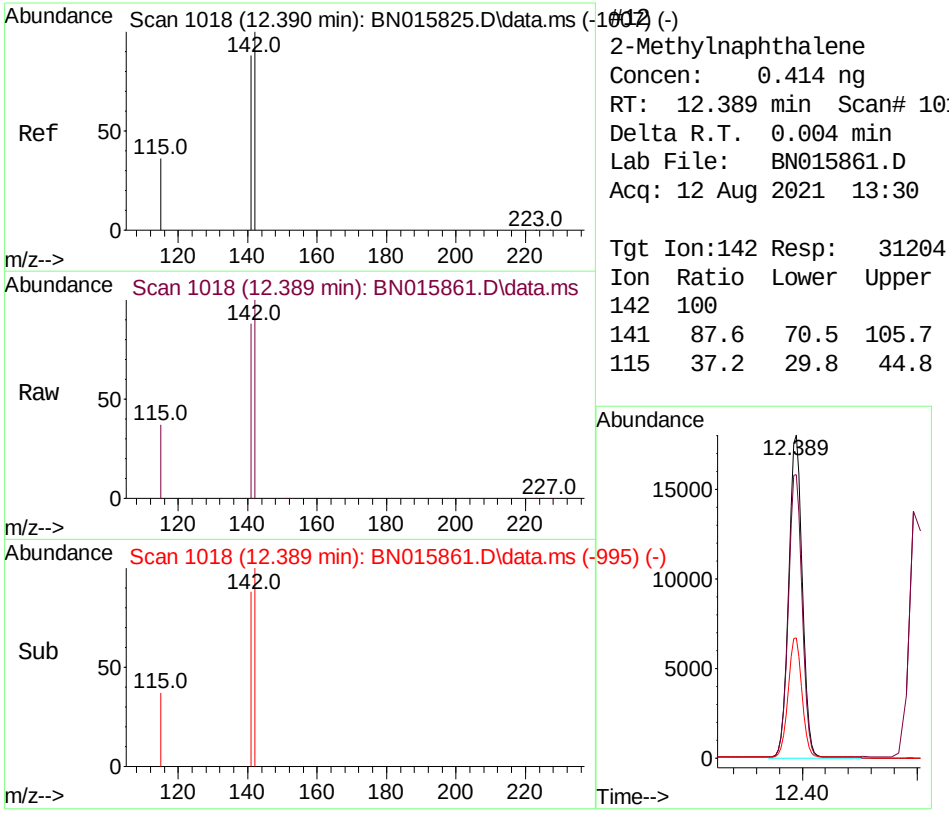


#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.314 min Scan# 1001
Delta R.T. 0.004 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:152 Resp: 26798

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

Instrument :
BNA_N
ClientSampleId :
ICVBN081221

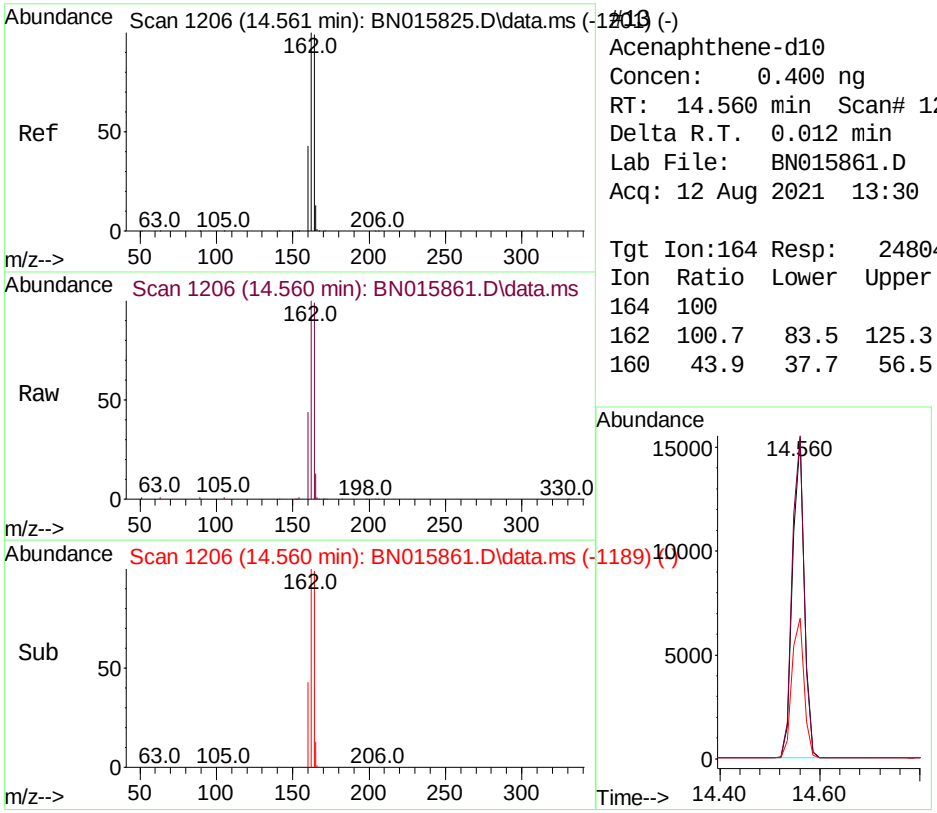


#12
2-Methylnaphthalene
Concen: 0.414 ng
RT: 12.389 min Scan# 1018
Delta R.T. 0.004 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:142 Resp: 31204

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.5	105.7
115	37.2	29.8	44.8

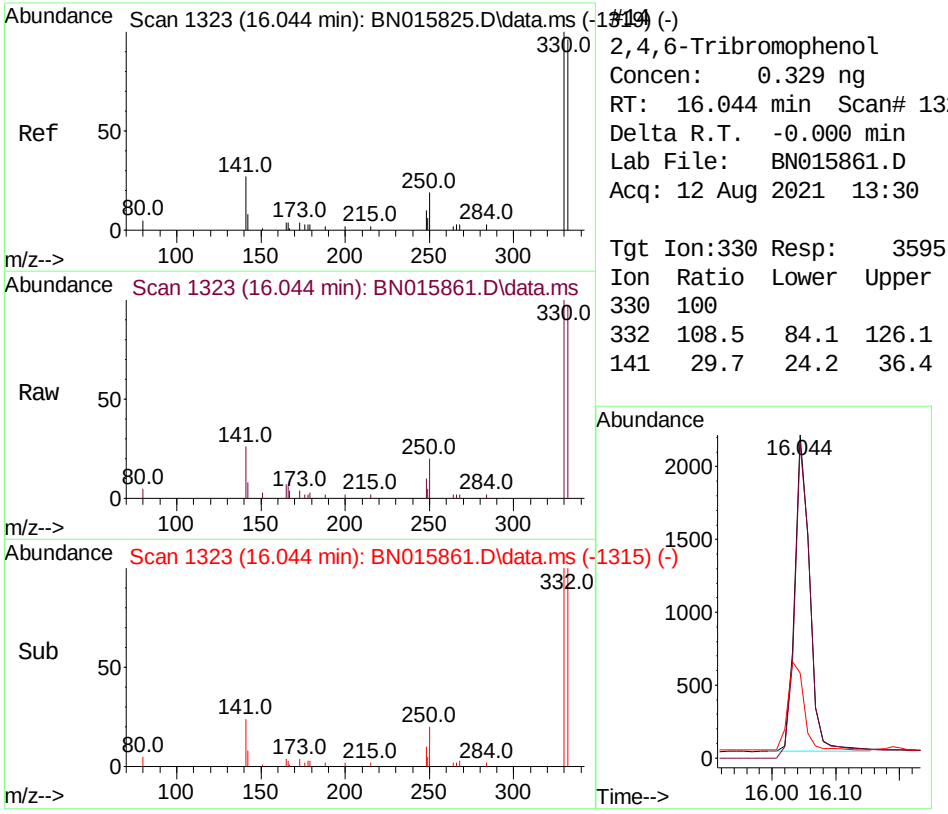
Instrument :
BNA_N
ClientSampleId :
ICVBN081221



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.560 min Scan# 1206
Delta R.T. 0.012 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:164 Resp: 24804

Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.5	125.3
160	43.9	37.7	56.5

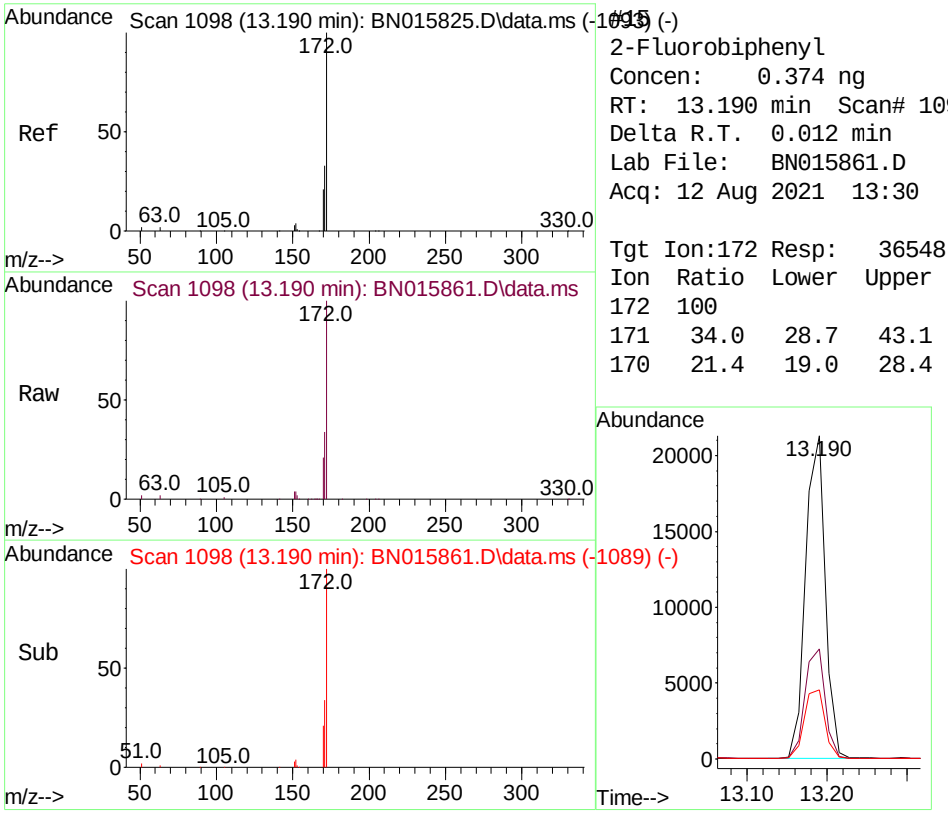


#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 16.044 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:330 Resp: 3595

Ion	Ratio	Lower	Upper
330	100		
332	108.5	84.1	126.1
141	29.7	24.2	36.4

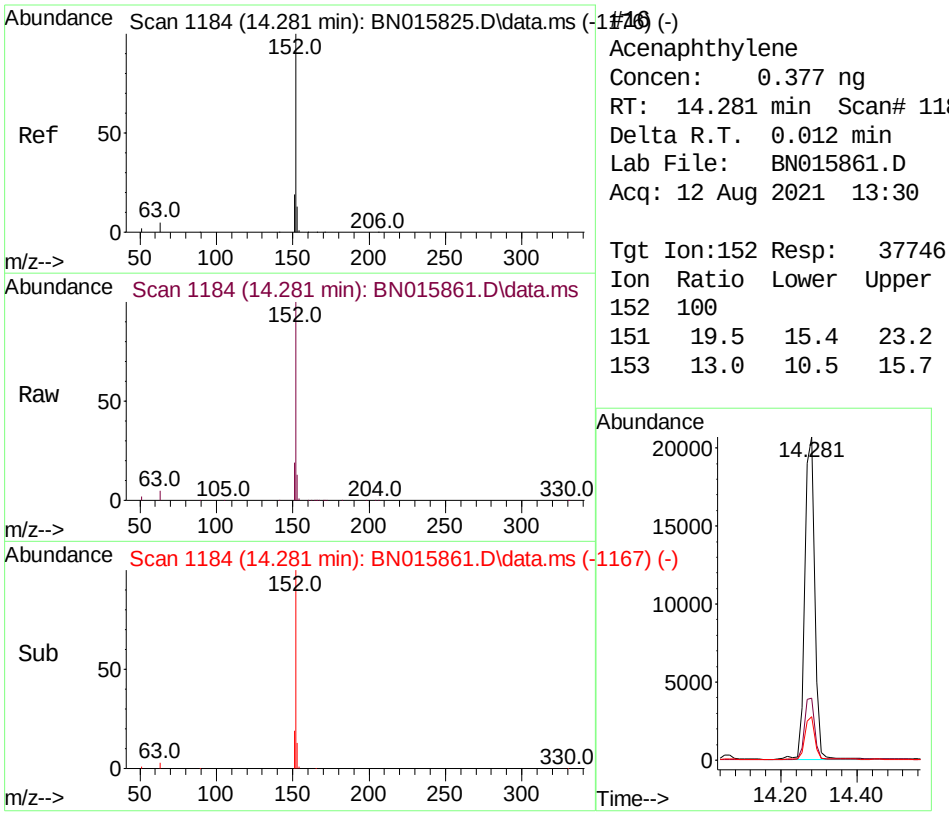
Instrument :
BNA_N
ClientSampleId :
ICVBN081221



#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.190 min Scan# 1098
Delta R.T. 0.012 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:172 Resp: 36548

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.7	43.1
170	21.4	19.0	28.4

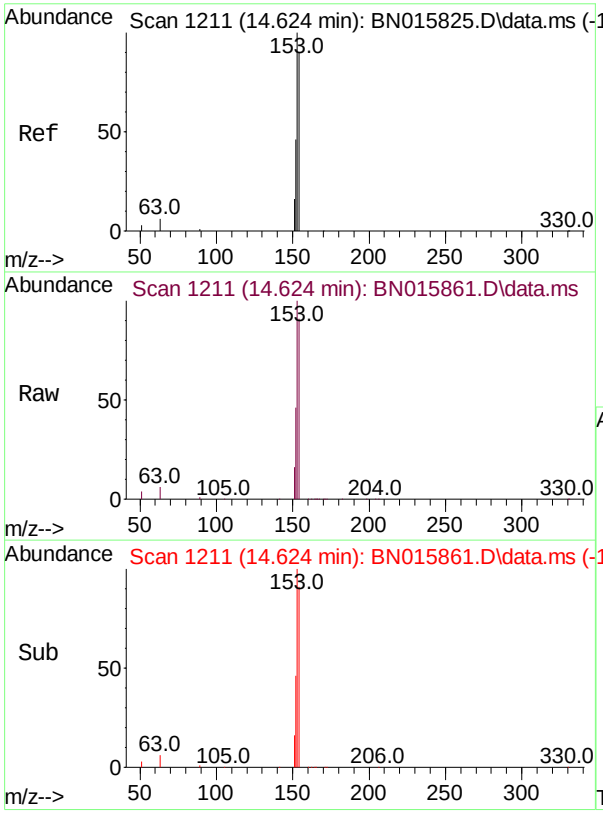


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.281 min Scan# 1184
Delta R.T. 0.012 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:152 Resp: 37746

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.0	10.5	15.7

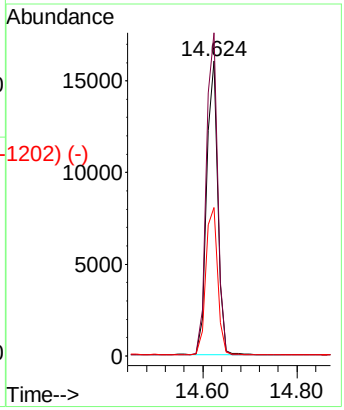
Instrument :
BNA_N
ClientSampleId :
ICVBN081221

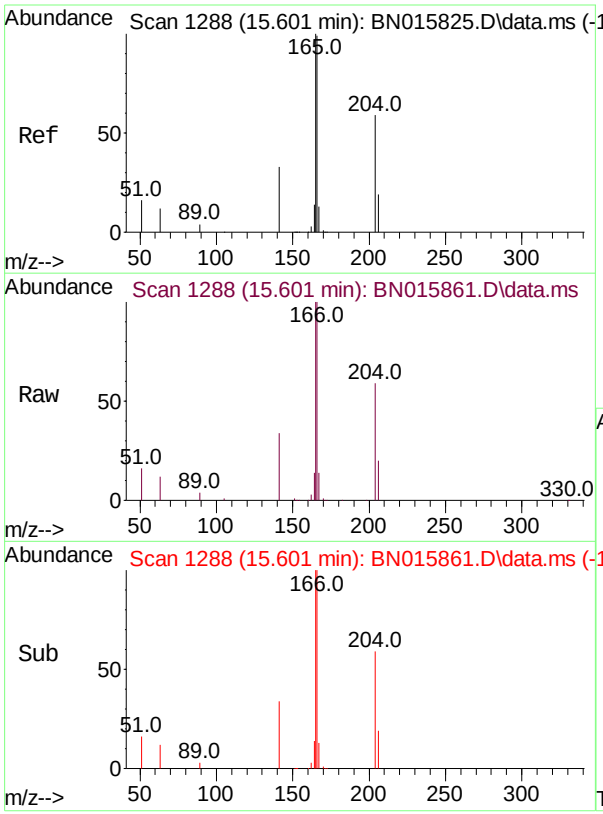


#15
Acenaphthene
Concen: 0.380 ng
RT: 14.624 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:154 Resp: 26288

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.1	135.1
152	53.4	43.5	65.3

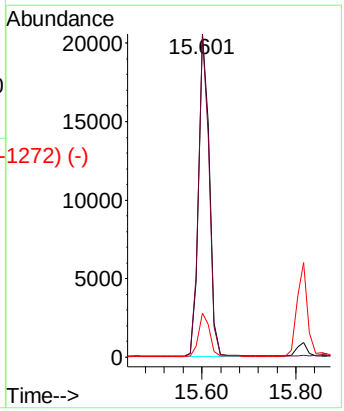




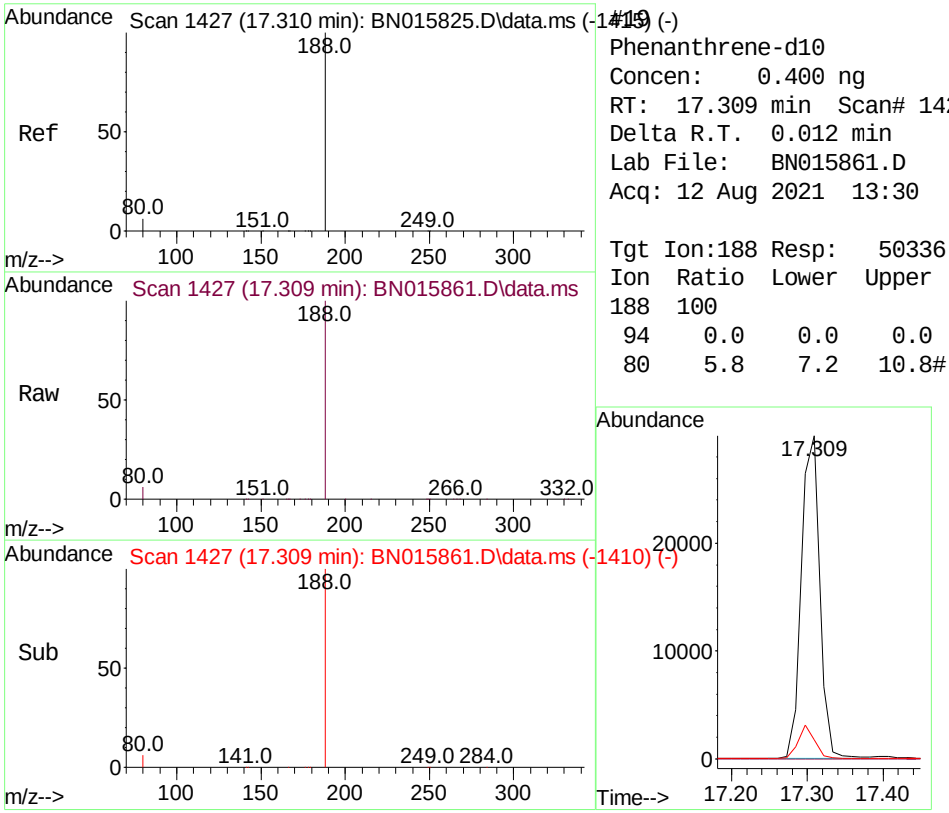
#18
Fluorene
Concen: 0.378 ng
RT: 15.601 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:166 Resp: 32624

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	13.6	11.0	16.4



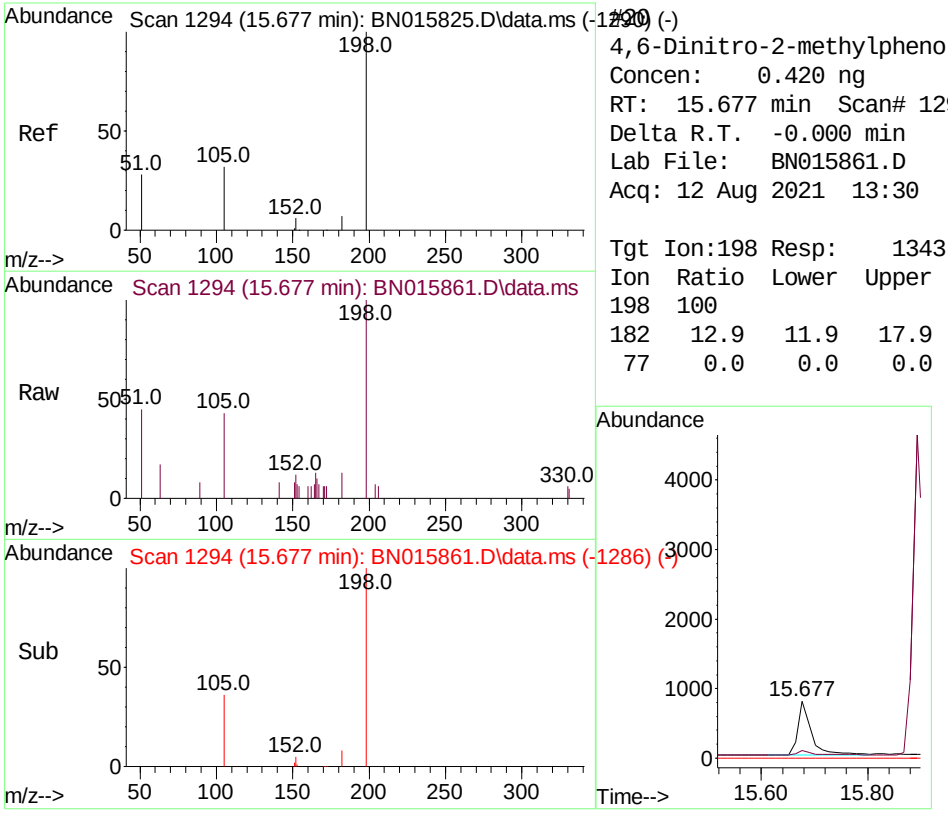
Instrument :
BNA_N
ClientSampleId :
ICVBN081221



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.309 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:188 Resp: 50336

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	7.2	10.8#

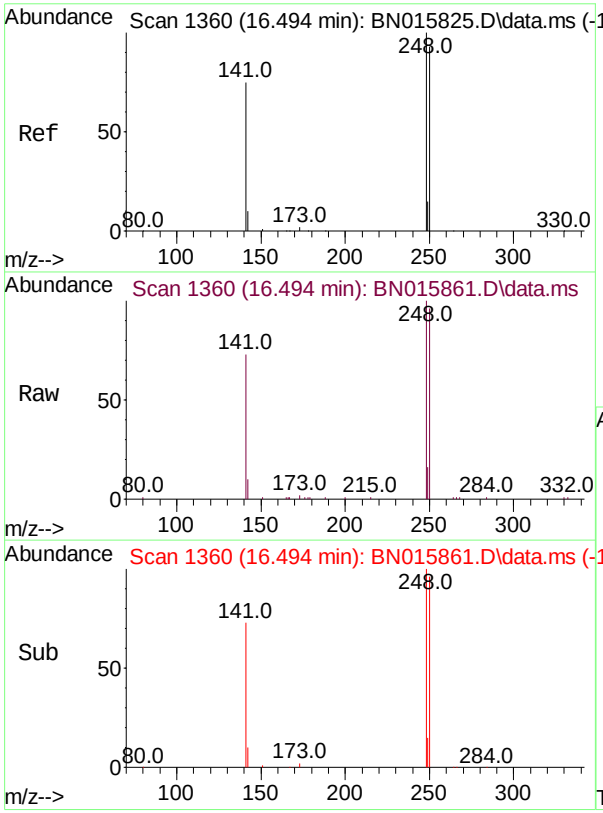


#20
4,6-Dinitro-2-methylphenol
Concen: 0.420 ng
RT: 15.677 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:198 Resp: 1343

Ion	Ratio	Lower	Upper
198	100		
182	12.9	11.9	17.9
77	0.0	0.0	0.0

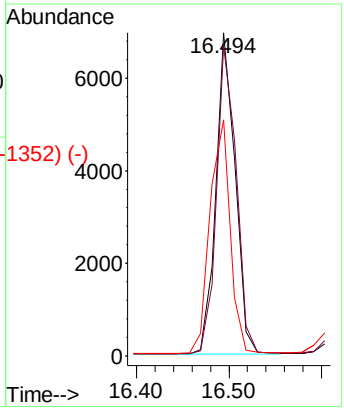
Instrument :
BNA_N
ClientSampleId :
ICVBN081221

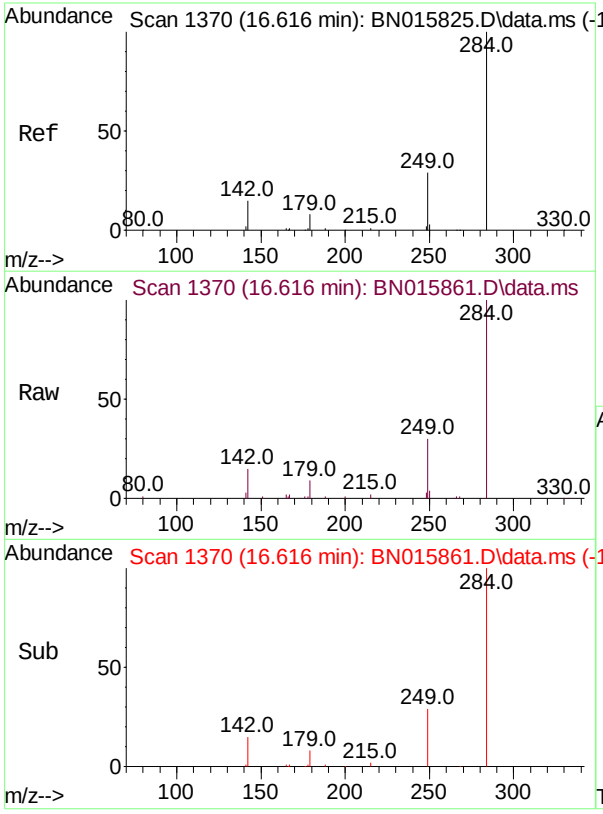


#21
4-Bromophenyl-phenylether
Concen: 0.366 ng
RT: 16.494 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:248 Resp: 9996

Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.6	118.0
141	73.0	43.4	65.2#

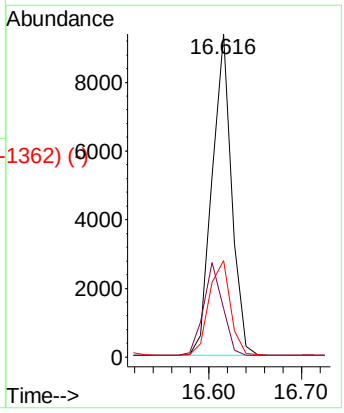




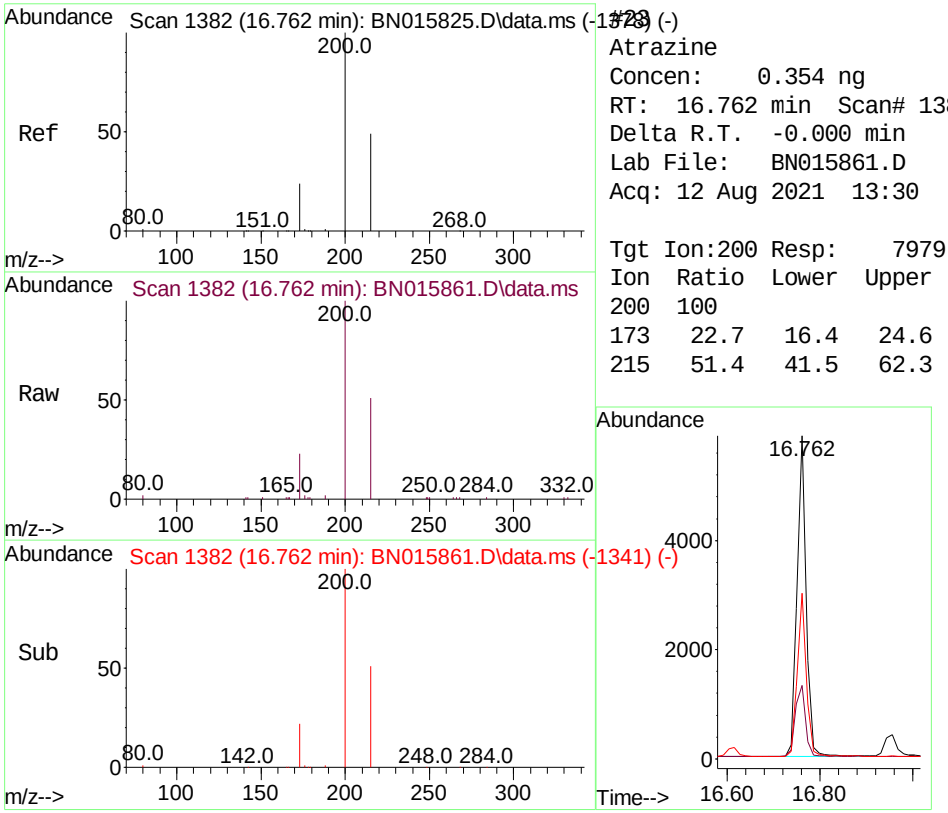
#22
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.616 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:284 Resp: 13660

Ion	Ratio	Lower	Upper
284	100		
142	28.2	22.6	34.0
249	31.9	25.2	37.8



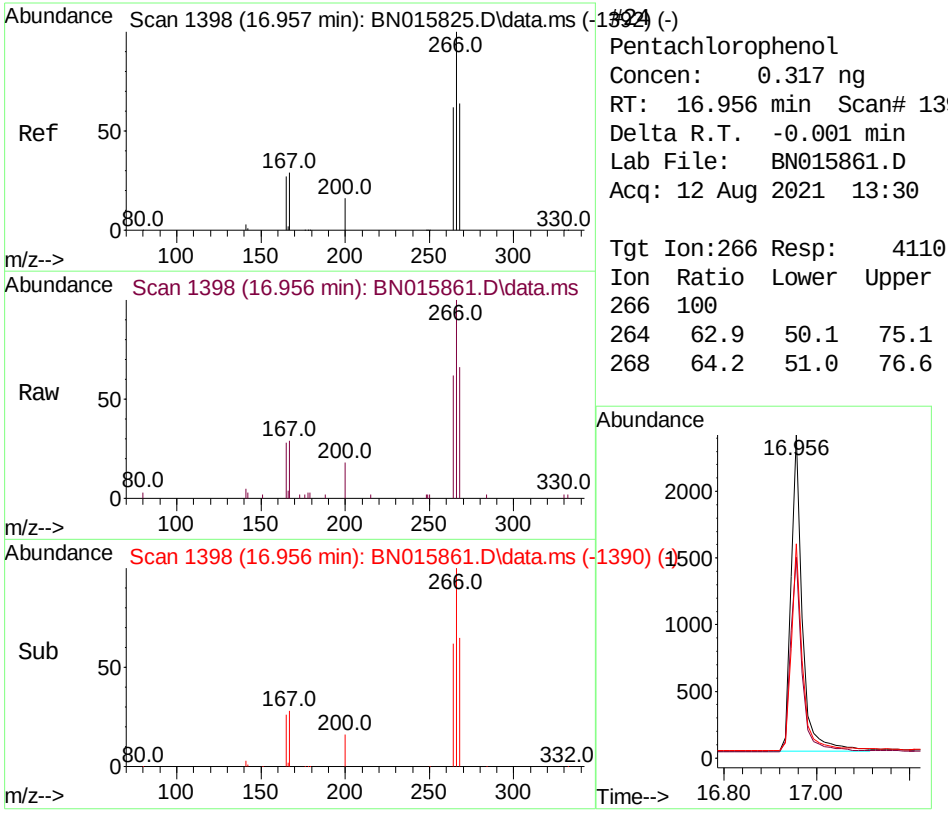
Instrument :
BNA_N
ClientSampleId :
ICVBN081221



#23
Atrazine
Concen: 0.354 ng
RT: 16.762 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:200 Resp: 7979

Ion	Ratio	Lower	Upper
200	100		
173	22.7	16.4	24.6
215	51.4	41.5	62.3

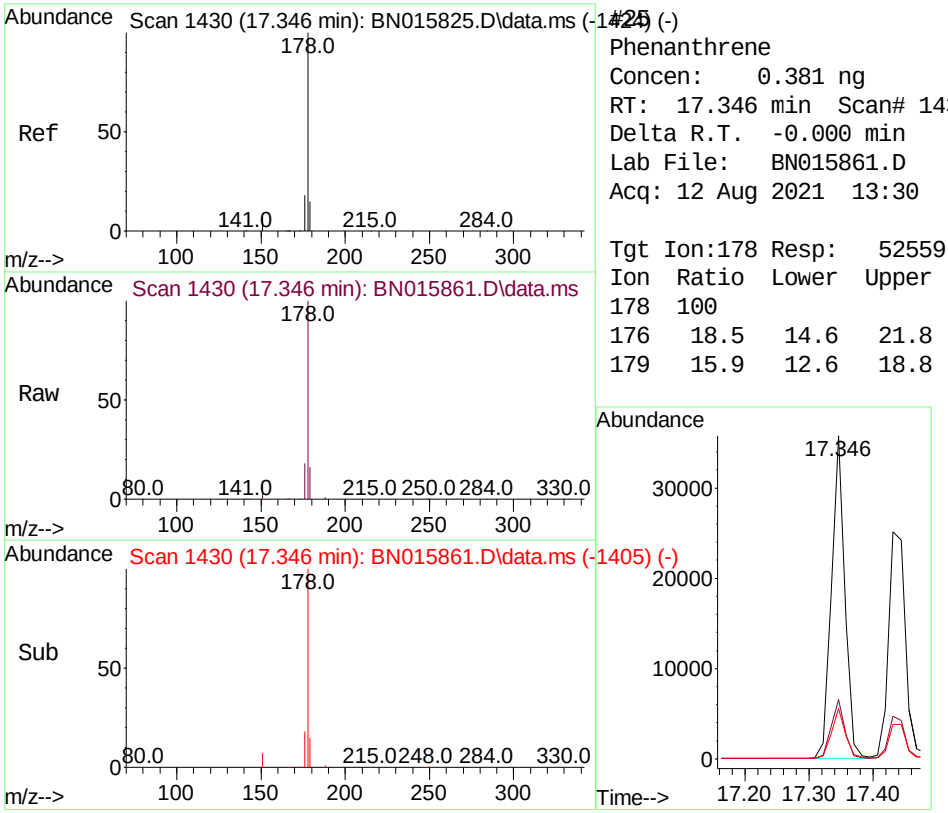


#24
Pentachlorophenol
Concen: 0.317 ng
RT: 16.956 min Scan# 1398
Delta R.T. -0.001 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:266 Resp: 4110

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.1	75.1
268	64.2	51.0	76.6

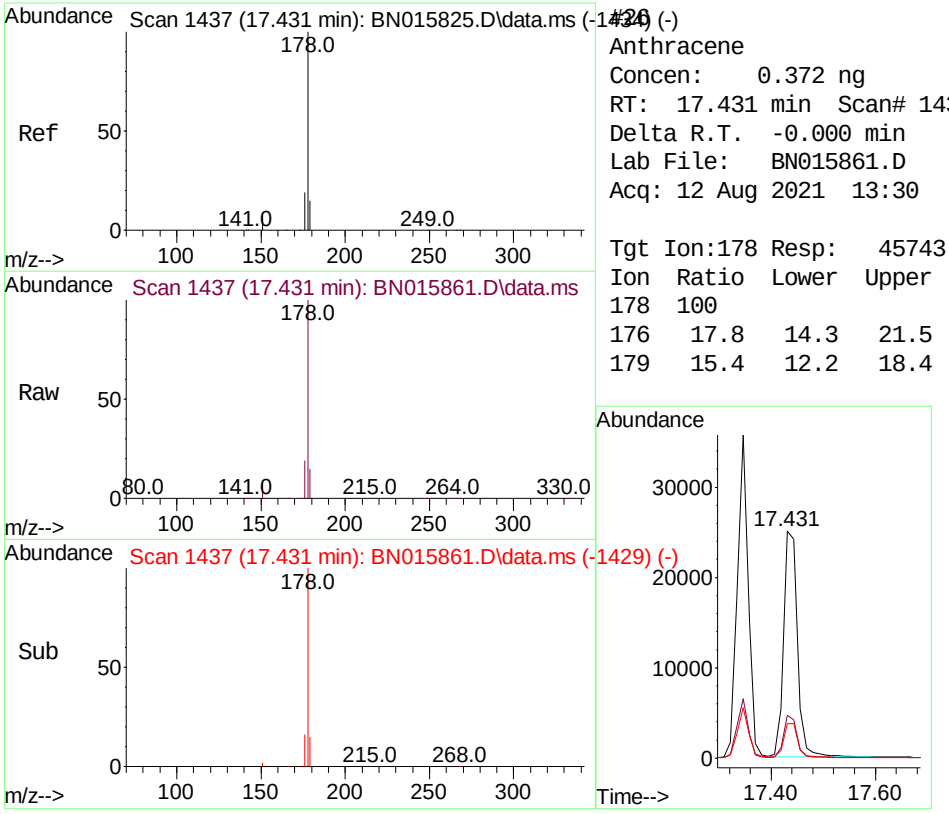
Instrument :
BNA_N
ClientSampleId :
ICVBN081221



#25
Phenanthrene
Concen: 0.381 ng
RT: 17.346 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:178 Resp: 52559

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.9	12.6	18.8

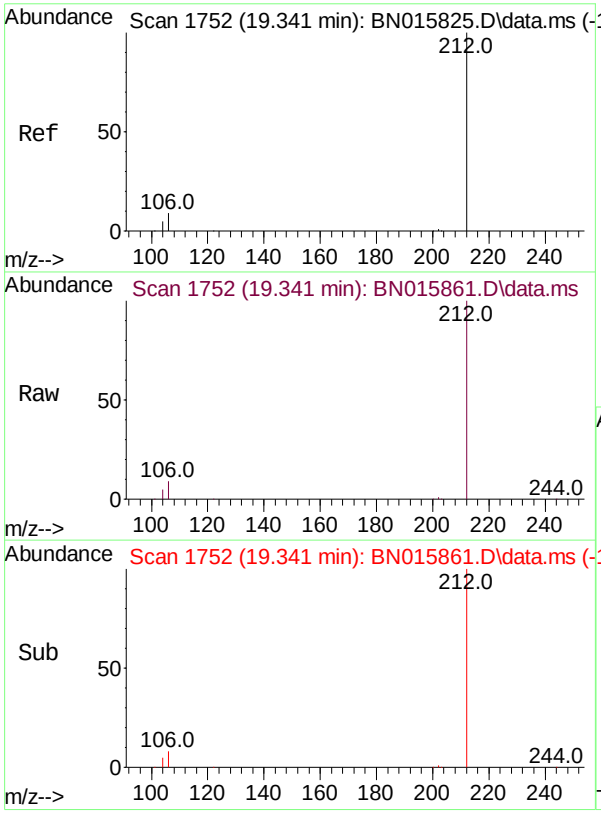


#26
Anthracene
Concen: 0.372 ng
RT: 17.431 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:178 Resp: 45743

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.3	21.5
179	15.4	12.2	18.4

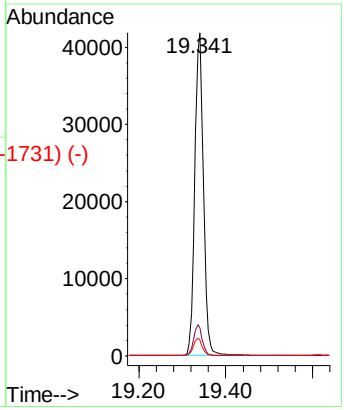
Instrument :
BNA_N
ClientSampleId :
ICVBN081221

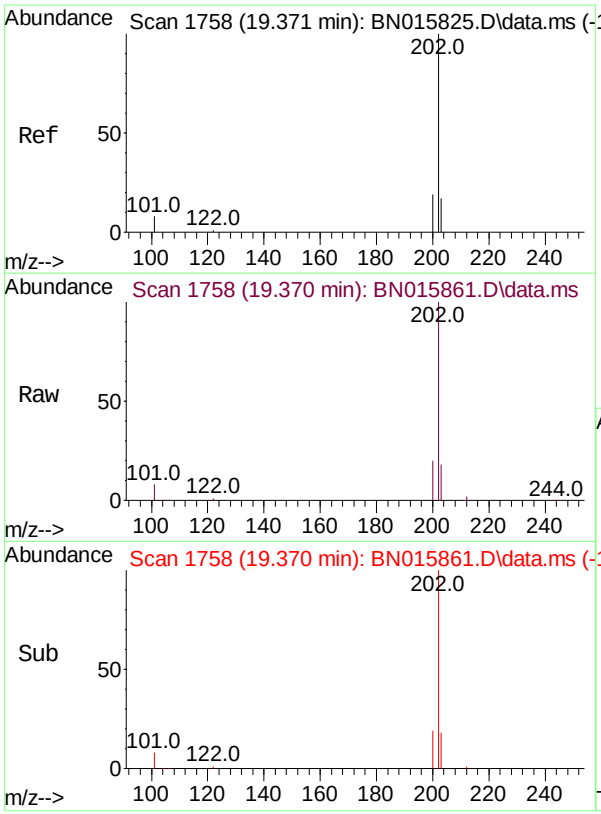


#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.341 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:212 Resp: 58641

Ion	Ratio	Lower	Upper
212	100		
106	9.4	7.4	11.2
104	5.4	4.3	6.5

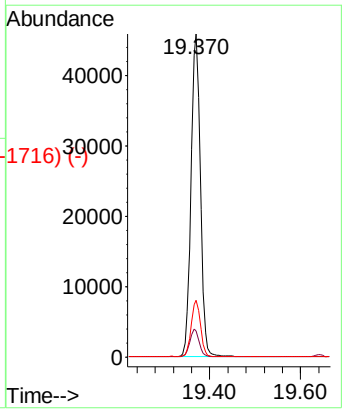




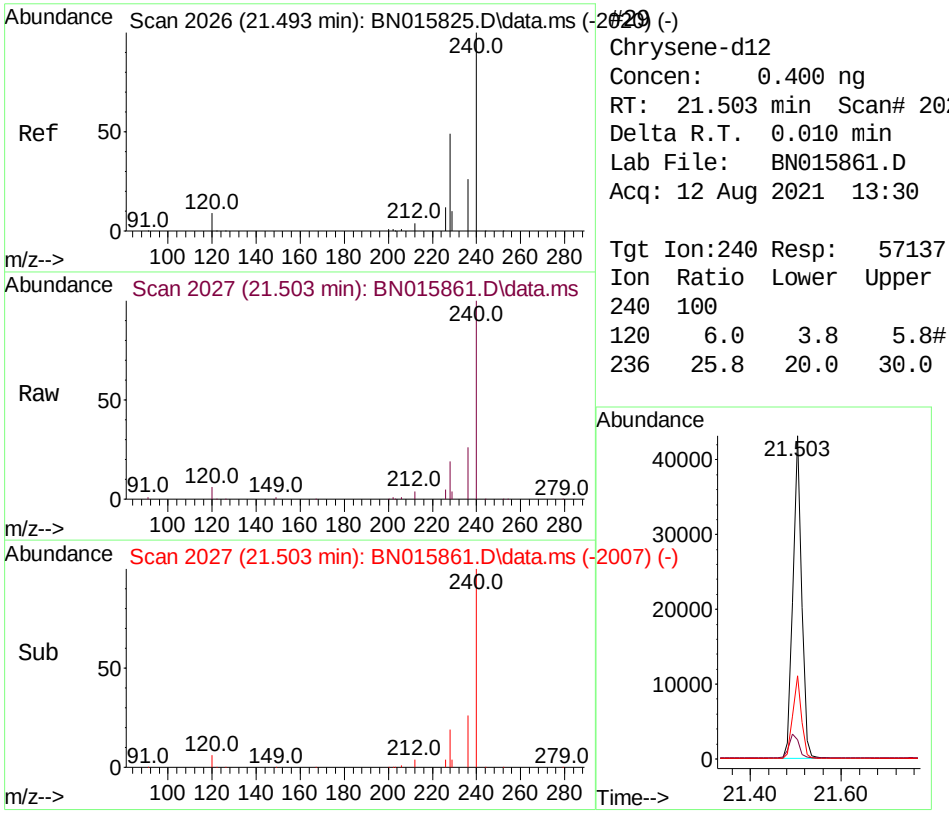
#28
Fluoranthene
Concen: 0.386 ng
RT: 19.370 min Scan# 1758
Delta R.T. 0.010 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:202 Resp: 64409

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.8	10.2
203	17.3	13.8	20.8



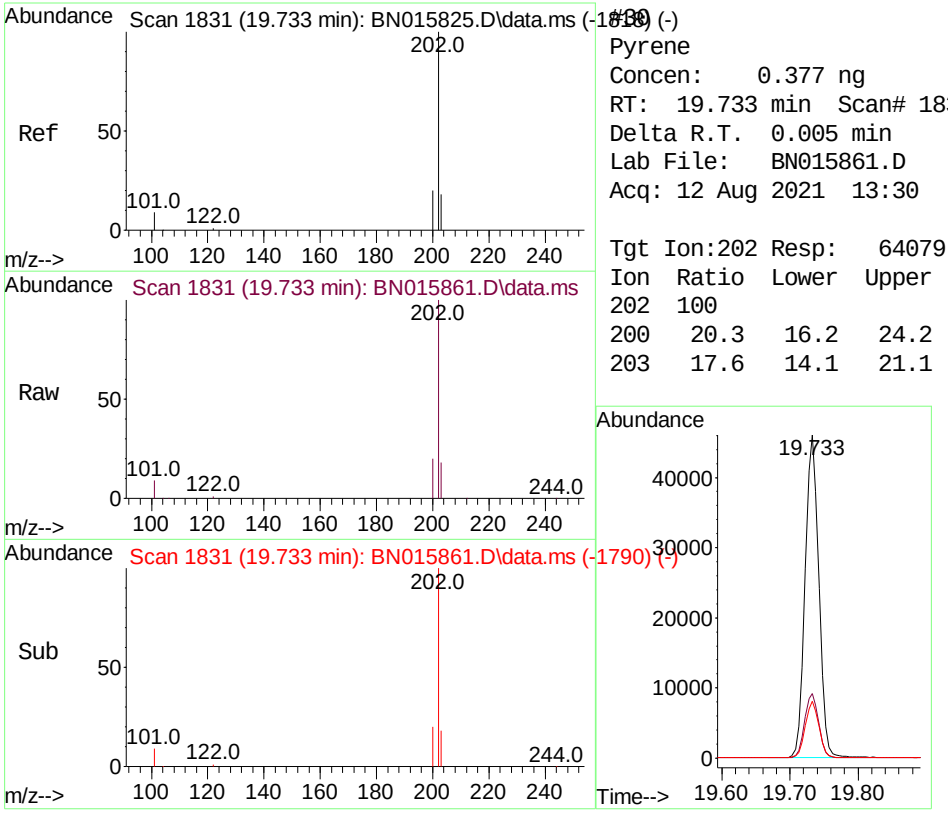
Instrument :
BNA_N
ClientSampleId :
ICVBN081221



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.503 min Scan# 2027
Delta R.T. 0.010 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:240 Resp: 57137

Ion	Ratio	Lower	Upper
240	100		
120	6.0	3.8	5.8#
236	25.8	20.0	30.0

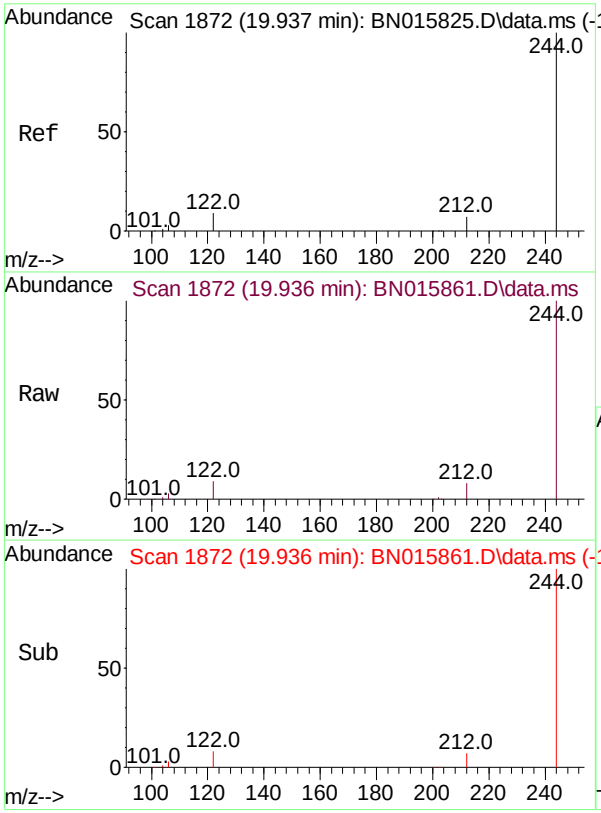


#30
Pyrene
Concen: 0.377 ng
RT: 19.733 min Scan# 1831
Delta R.T. 0.005 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:202 Resp: 64079

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.6	14.1	21.1

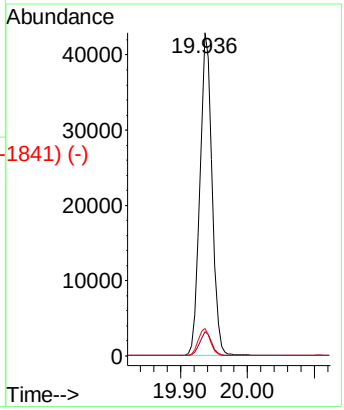
Instrument :
BNA_N
ClientSampleId :
ICVBN081221

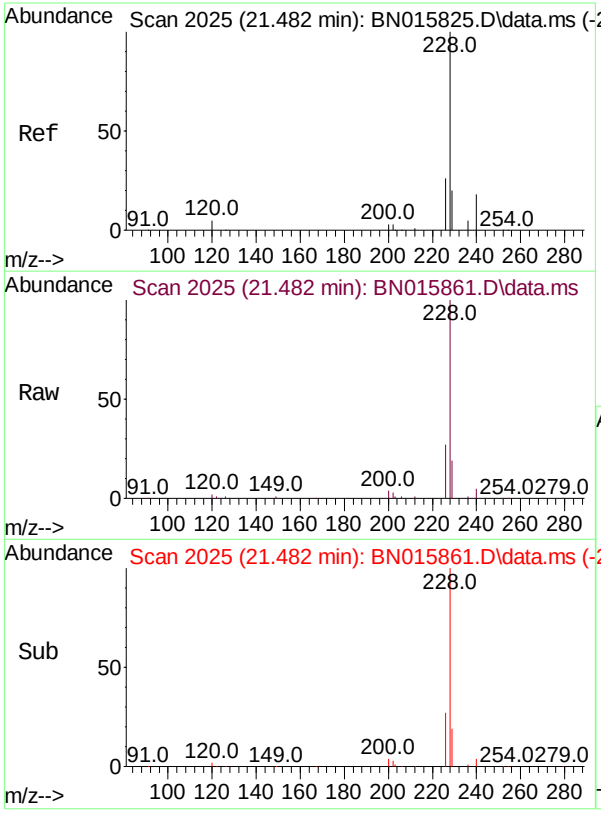


#31
Terphenyl-d14
Concen: 0.390 ng
RT: 19.936 min Scan# 1872
Delta R.T. 0.005 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:244 Resp: 63238

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	8.5	6.5	9.7

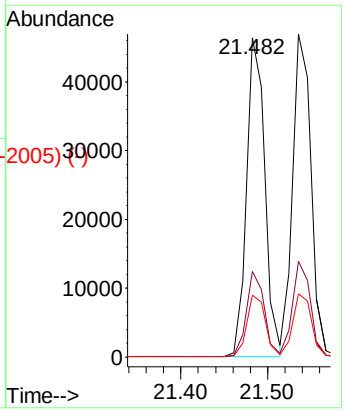




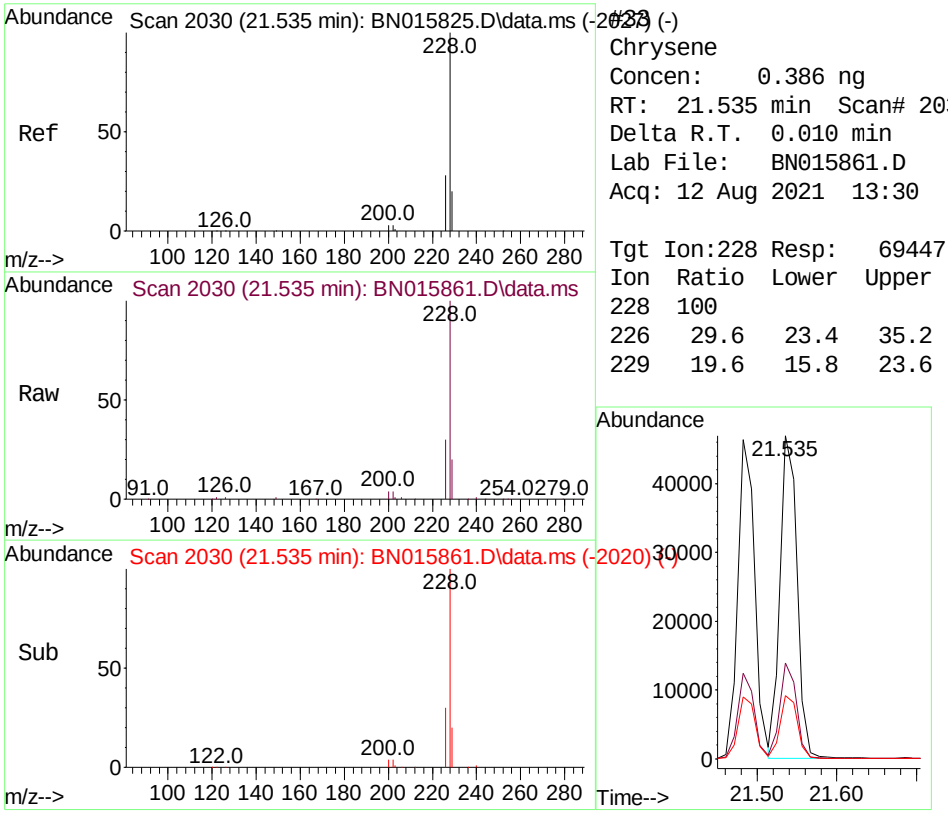
#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.482 min Scan# 2025
Delta R.T. 0.010 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:228 Resp: 68101

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.1	31.7
229	19.4	15.7	23.5



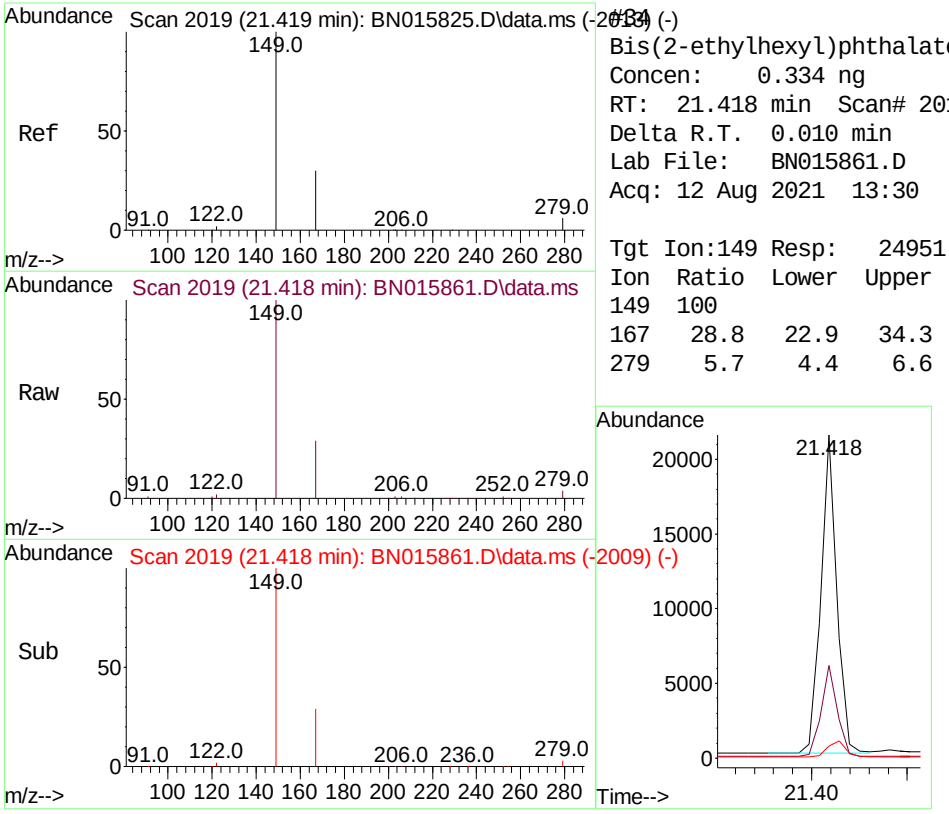
Instrument :
BNA_N
ClientSampleId :
ICVBN081221



#33
Chrysene
Concen: 0.386 ng
RT: 21.535 min Scan# 2030
Delta R.T. 0.010 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:228 Resp: 69447

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	19.6	15.8	23.6

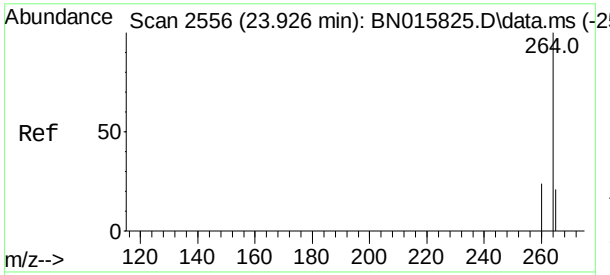


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.334 ng
RT: 21.418 min Scan# 2019
Delta R.T. 0.010 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:149 Resp: 24951

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.9	34.3
279	5.7	4.4	6.6

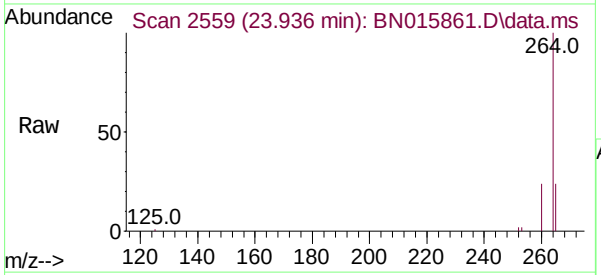
Instrument :
BNA_N
ClientSampleId :
ICVBN081221

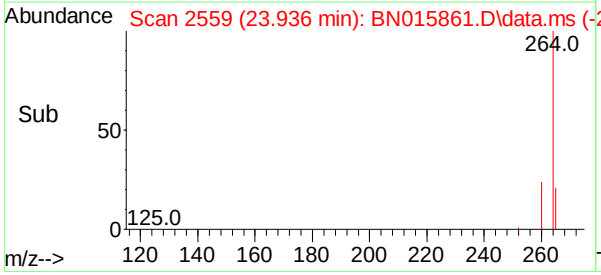


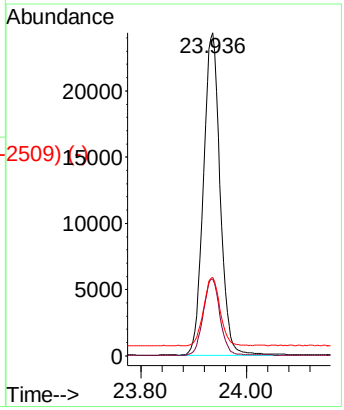
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.936 min Scan# 2559
Delta R.T. 0.020 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

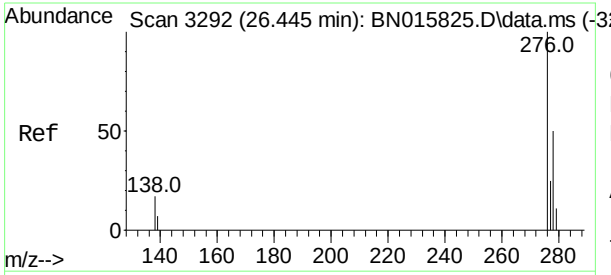
Tgt Ion:264 Resp: 52953

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	24.3	19.8	29.8





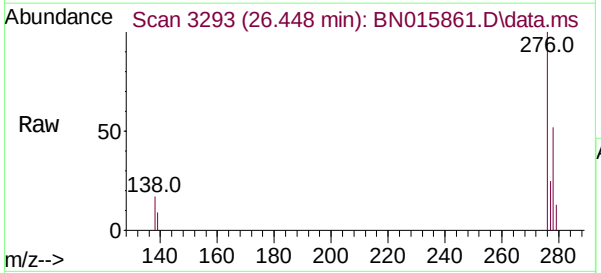


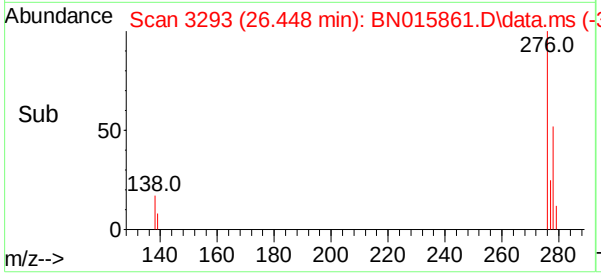


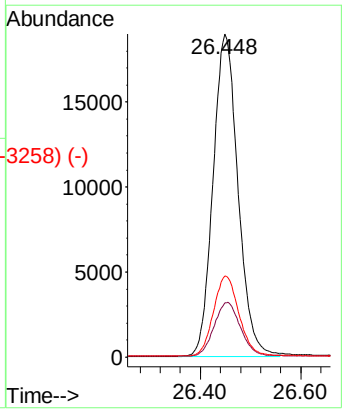
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng
RT: 26.448 min Scan# 3293
Delta R.T. 0.020 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:276 Resp: 65180

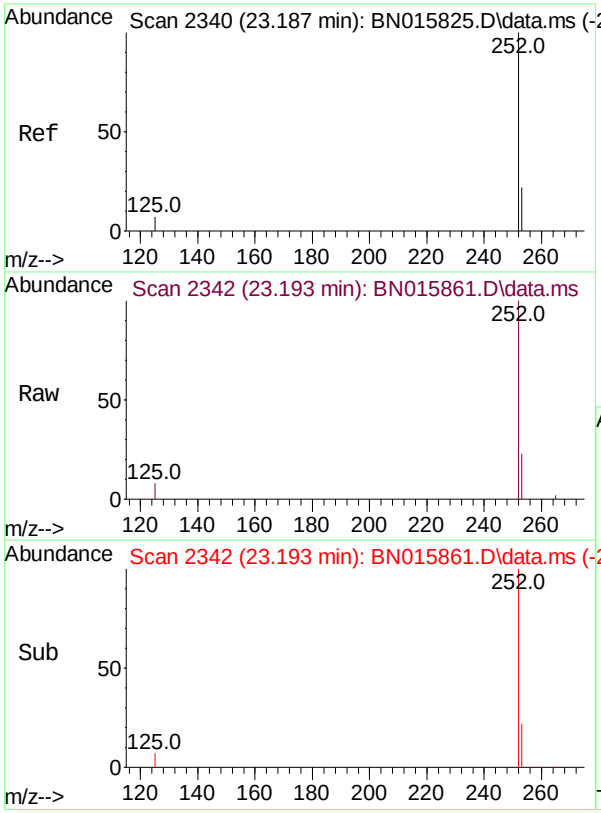
Ion	Ratio	Lower	Upper
276	100		
138	17.6	13.8	20.8
277	25.4	20.3	30.5







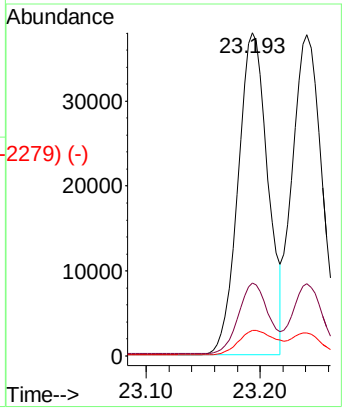
Instrument :
BNA_N
ClientSampleId :
ICVBN081221

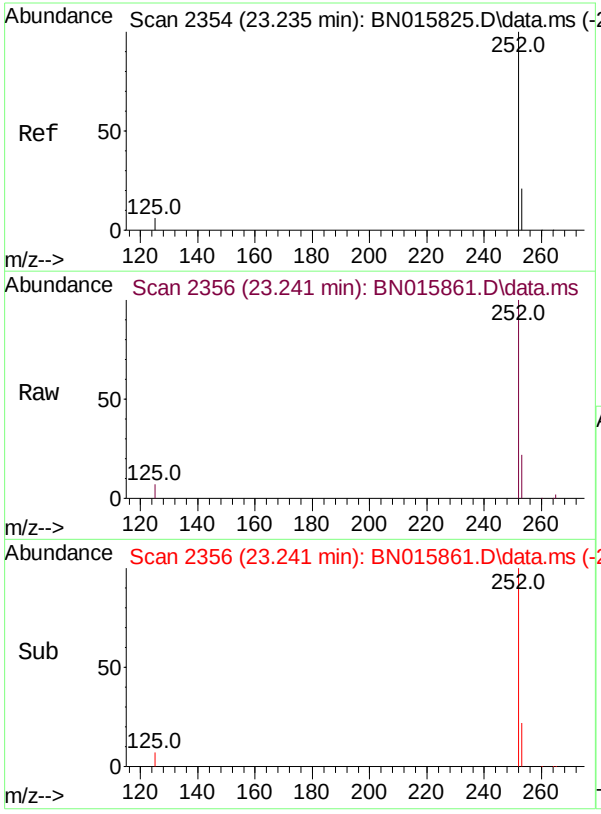


#37
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 23.193 min Scan# 2342
Delta R.T. 0.017 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:252 Resp: 69046

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	7.8	6.2	9.4

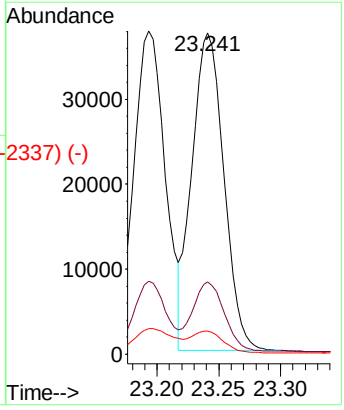




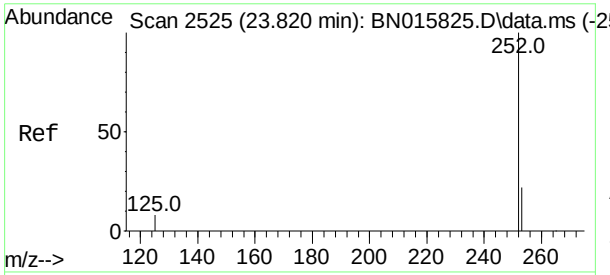
#38
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 23.241 min Scan# 2356
Delta R.T. 0.017 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:252 Resp: 67077

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	7.2	5.6	8.4



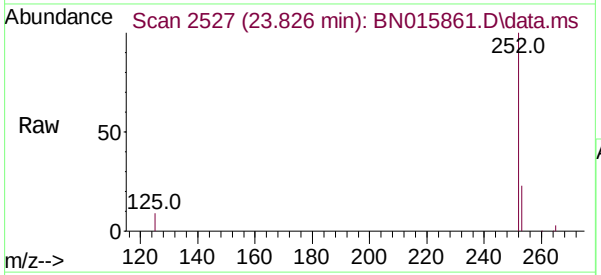
Instrument :
BNA_N
ClientSampleId :
ICVBN081221

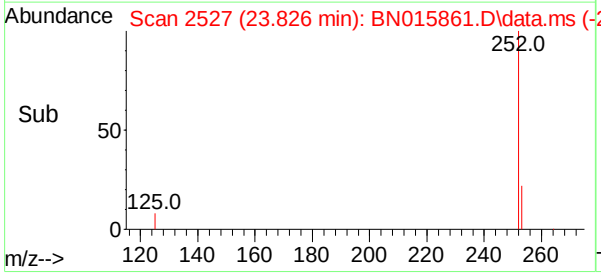


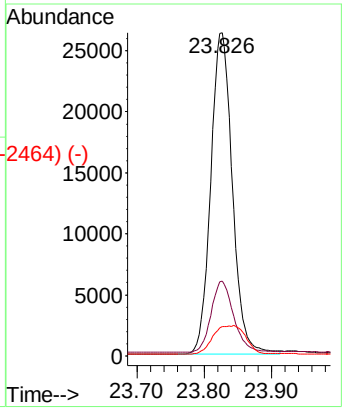
#39
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.826 min Scan# 2527
Delta R.T. 0.017 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

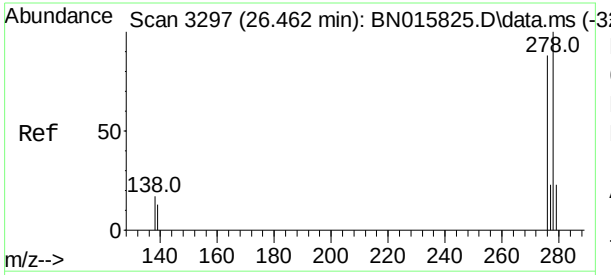
Tgt Ion:252 Resp: 58618

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	27.8
125	9.1	7.3	10.9





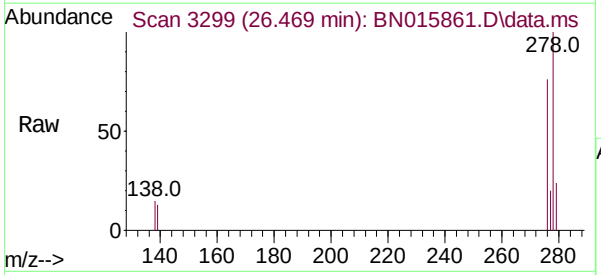


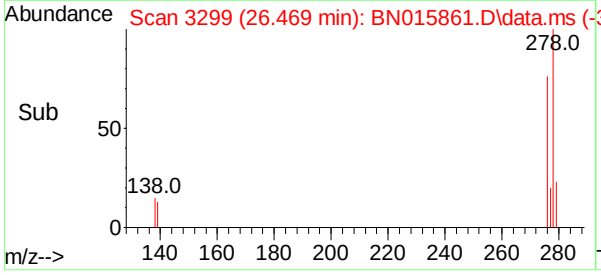


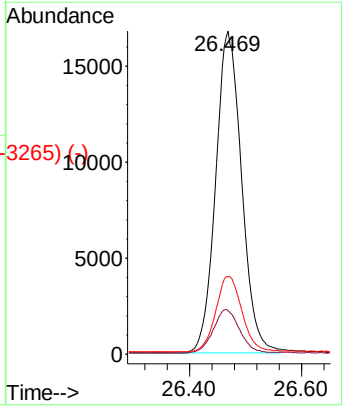
#40
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 26.469 min Scan# 3299
Delta R.T. 0.017 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

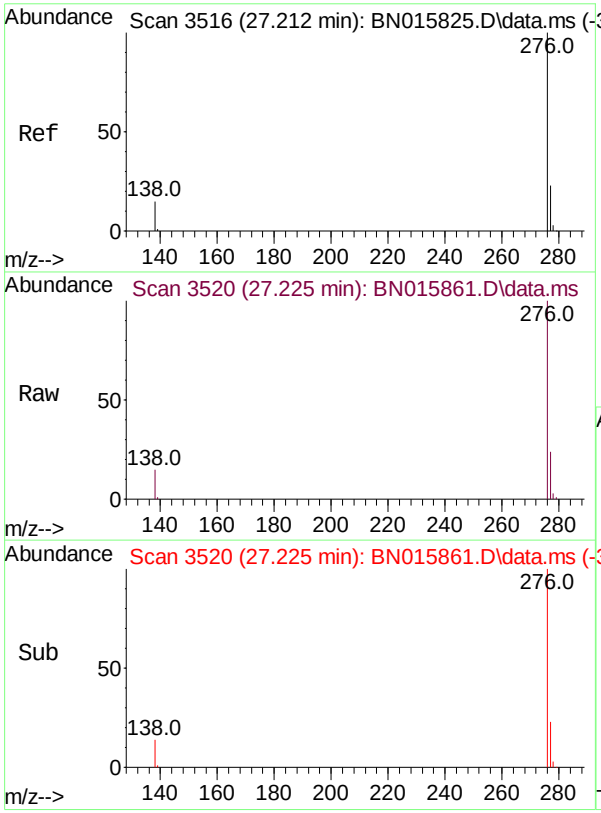
Tgt Ion:278 Resp: 53897

Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.2	15.2
279	24.0	19.5	29.3





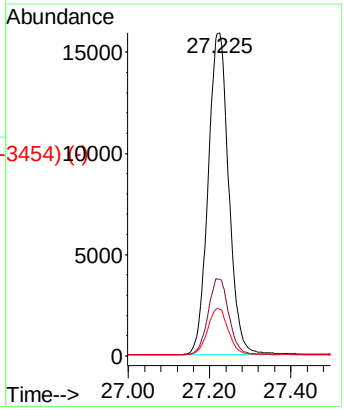




#47
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 27.225 min Scan# 3520
Delta R.T. 0.027 min
Lab File: BN015861.D
Acq: 12 Aug 2021 13:30

Tgt Ion:276 Resp: 56042

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.5	29.3
138	14.5	11.8	17.8



Instrument :
BNA_N
ClientSampleId :
ICVBN081221